



FIFTH QUARTERLY REPORT

SECOND YEAR OF GROUNDWATER
TREATMENT FACILITY OPERATION

VOLUME 1 OF 2

PREPARED BY:

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ENVIRONMENTAL CONTROL

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FIFTH QUARTERLY REPORT
SECOND YEAR
OF
GROUNDWATER TREATMENT FACILITY OPERATION

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS

Prepared By:
The Town of Oyster Bay
Division of Environmental Control

November 1993

***Editor's Note: This is the first quarterly report that was prepared by the Town of Oyster Bay. The four previous quarterly reports were prepared by Lockwood, Kessler & Bartlett, Inc., Consulting Engineers.**

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** Please note that the protruding tabs labeled "Tables", "Figures", "Appendix A", etc., correspond to the contents of Appendix G only. Appendices A-G of the larger report are separated by the thick, colored pages.

SECTION 1.0 INTRODUCTION

1.1 Purpose of this Document

The initial year of operation for the Groundwater Treatment Facility (GTF) located at the Oyster Bay Solid Waste Disposal Complex (OBSWDC) in Old Bethpage commenced on April 1, 1992. Pursuant to the terms of the Town of Oyster Bay's Consent Decree (83 CIV 5357) with the State of New York, the Town is required to submit quarterly operating reports to the NYSDEC. These reports shall contain sufficient operating data to demonstrate compliance with the terms of the Consent Decree. This document is the fifth quarterly report (the first of the second operational year) and will be submitted in satisfaction of this requirement, and covers the period from April 1, through June 30, 1993.

1.2 Scope of this Document

This document provides a review of the various monitoring programs that have been undertaken at OBSWDC in satisfaction of the Town's responsibilities outlined on Pages 22-23 in Appendix A of the Consent Decree. This document is divided into five sections and seven appendices.

The sections are informational in nature and discuss the observations noted in the facility's performance and data collected in the reporting period. The appendices contain the raw data or reports collected from various sources relating to the facility's operations during the reporting period.

SECTION 2.0 BACKGROUND INFORMATION

2.1 Site History

The OBSWDC is located in eastern Nassau County on Long Island, N.Y. The complex, which had been in operation since 1958, was used for the processing and disposal of all non-hazardous waste generated in the Town of Oyster Bay. Those wastes were burned in two on-site incinerators, and excess materials were compacted and baled for disposal in the adjacent landfill. The landfill also accepted incinerator ash and residue, as well as raw MSW bypassed around the incinerators during periods of maintenance downtime. In April, 1986 all landfilling and incineration activities ceased, and the Town began to ship, off site, all solid wastes collected and not recycled. Presently, the site operations largely consist of operating the Town's scalehouse, solid waste transfer station, recycling program, clean fill disposal site, gas control system, power generating facility, leachate and groundwater treatment systems, and a vehicle maintenance garage.

In June 1988, the Town entered into a Consent Decree (83 CIV 5357) with the State of New York. That document requires the Town to perform the following actions:

- * Design, construct and operate a groundwater treatment facility in order to contain, recover and remediate the off-site groundwater plume associated with the OBSWDC.
- * Design and construct an acceptable landfill cap.
- * Continue to operate the leachate treatment facility.
- * Continue to operate the landfill gas migration control system.
- * Perform various monitoring functions designed to assess the adequacy of the remediation efforts.

This document concerns the operations of the Groundwater Treatment Facility (GTF), which is located in the northeast corner of the site off Winding Road. The GTF began normal operations on April 1, 1992. In early 1992, the final capping activities at the top of the closed landfill were initiated. The Town is also continuing to maintain the operation of its leachate treatment and landfill gas collection facilities.

2.2 Consent Decree Requirements Pertaining to Plume Remediation

2.2.1 Requirements for Groundwater Monitoring

The nature and extent of the area to be remediated (the 'plume') under the terms and conditions of the Consent Decree was defined in the report "OBSWDC Offsite Groundwater Monitoring Program, Old Bethpage, Long Island, New York", Geraghty & Miller, Inc., September 1986.

In order to verify hydraulic containment of the plume by the recovery well system, and to assess the progress of the cleanup, a Groundwater Monitoring Program has been implemented by the Town according to the requirements as set forth in the Consent Decree. Accordingly, the Groundwater Monitoring Program must consist of the following elements:

Hydraulic Monitoring Monthly (operational) rounds of water level measurements in the required monitoring wells until equilibrium and appropriate drawdown has been established; and quarterly water level monitoring thereafter so long as hydraulic control of the plume is maintained.

Groundwater Quality Monitoring A baseline comprehensive First Round monitoring in the required wells prior to start up of the treatment system; followed by Quarterly Monitoring of groundwater quality until the Termination Criteria, as defined in the Consent Decree, has been attained; and Termination Monitoring thereafter for a minimum of five full years (20 quarters).

To fulfill the requirements of the Consent Decree, the following hydraulic monitoring and groundwater quality sampling was accomplished during the fifth

operational quarter at the OBSWDC: 1) three rounds of monthly water level measurements during April, May and June, 1993; and 2) one round of groundwater quality sampling performed during April 1993.

Analytical protocols for the above quarterly sampling round consisted of Volatile Organic Compound (VOC) analyses (EPA Method 601 and 602), dissolved metals and other parameters (EPA-40 CFR Part 136.3 for Individual Analyses), plus additional parameters, as per Table 6 of the Consent Decree. As required by the Consent Decree, a total of 16 monitoring wells were sampled, including one landfill well (LF-1) sampled for leachate parameters only, according to the above required EPA protocol.

2.2.2 Treatment Facility Discharge Limitations and Monitoring Requirements

The Town's Consent Decree placed certain limitations on the water discharges from the GTF, and are tabulated in that document. Some water effluent discharge VOC limitations were modified in a letter to the Town from the New York State Department of Law. That modified list is reproduced here as Table 1. Effluent discharge limitations pertaining to this facility concerning inorganic and other physical parameters are listed in Table 2. The Town began monthly SPDES monitoring of the air stripper effluent in April, 1992 for the parameters in Tables 1 and 2 and continued during this reporting period. This testing is performed by a New York State certified laboratory. The Consent Decree also placed limitations on the air stripper discharges from the GTF. That list, as it appears in the Consent Decree, is reproduced here as Table 3.

The Town began quarterly monitoring of the air stripper stack emissions on May 28, 1992. The fifth quarterly emissions monitoring took place on June 10, 1993. Analyses are performed by a New York State certified laboratory, and the results compared to the limitations stipulated in the Consent Decree and the most recent revision of NYSDEC Air Guide No. 1, effective June 1991.

In April 1993, after numerous discussions between the Town and NYSDEC, the Town was advised that the ambient air guideline for tetrachloroethane (PCE), published in the 1991 edition of NYSDEC Air Guide No. 1, was in error. The

TABLE 1

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

EFFLUENT LIMITATIONS*
VOLATILE ORGANIC COMPOUNDS

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION (ug/l)
TOTAL VOCs	100
BENZENE	ND
BROMODICHLOROMETHANE	50 **
BROMOFORM	50 **
CARBON TETRACHLORIDE	5
CHLOROBENZENE	5
CHLORODIBROMOMETHANE	50 **
CHLOROETHANE	5
CHLOROFORM	100 **
DICHLOROBENZENE o&p	4.7
DICHLOROBENZENE o,m&p	50
1,1 DICHLOROETHANE	5
1,2 DICHLOROETHANE	5
1,1 DICHLOROETHENE	0.07
1,2 DICHLOROETHENE cis	5
1,2 DICHLOROETHENE trans	5
1,2 DICHLOROPROPANE	5
ETHYLBENZENE	50
METHYLENE CHLORIDE	5
TETRACHLOROETHENE	0.7
TOLUENE	5
1,1,1 TRICHLOROETHANE	5
TRICHLOROETHYLENE	5
VINYL CHLORIDE	2
XYLENE o	5
XYLENE m	5
XYLENE p	5
XYLENE o,m&p	50

* REGULATORY EFFLUENT DISCHARGE STANDARDS AS SPECIFIED IN THE CONSENT DECREE AND AS MODIFIED BY 11/10/88 LETTER TO THE TOWN.

** TOTAL CONCENTRATION OF THESE FOUR TRIHALOMETHANES SHALL NOT EXCEED 100 ug/l.

TABLE 2

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

EFFLUENT LIMITATIONS*
INORGANICS

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION (mg/l)
BARIUM	1
CADMIUM	0.01
CHLORIDE	250
CHROMIUM (hex)	0.05
COPPER	1
CYANIDE	0.2
IRON	0.3
LEAD	0.025
MAGNESIUM	35
MANGANESE	0.3
MERCURY	0.002
SILVER	0.05
ZINC	5
TOTAL DISSOLVED SOLIDS	500
NITRATE	10
SULFATE	250
PHENOLS (total)	0.001

* REGULATORY EFFLUENT DISCHARGE STANDARDS AS SPECIFIED IN THE CONSENT DECREE AND AS MODIFIED BY 11/10/88 LETTER TO THE TOWN.

Town was further advised that the correct guideline was some fifteen times higher than the previously published number. Lastly, the Town was advised that NYSDEC will apply the ambient air guidelines at the OBSWDC property line to determine if the air stripper stack discharge is acceptable.

In addition to the above requirements, the Town is also required to perform certain self-monitoring functions, relating to recording comprehensive flow measurements through the plant and maintaining a record of downtime. The Town has enhanced its self-monitoring abilities with the installation of an onsite laboratory. This laboratory monitors the groundwater in the vicinity of each recovery well on a weekly basis, as well as the day-to-day treatment system performance, allowing plant personnel to make process adjustments when necessary. Daily monitoring may also warn the operator of equipment malfunction or the need for maintenance. Weekly monitoring of the recovery wellfield will assist the Town in establishing the initiation of Termination Monitoring as proscribed in the Consent Decree.

TABLE 3

APPLICABLE AIR DISCHARGE
REQUIREMENTS FOR AIR STRIPPING
TREATMENT SYSTEM*

Constituent	-Ambient Air Concentrations-
	NYSDEC Annual Guideline (ug./m3)

Vinyl Chloride	4.00E-01
Freon 13	3.00E-02
Methylene Chloride	1.17E+03
1,1-Dichloroethane	2.70E+03
1,2-Dichloroethene	2.63E+03
Chloroform	1.67E+02
1,1,1,-Trichloroethane	3.80E+04
Carbon Tetrachloride	1.00E+02
1,2-Dichloroethane	2.00E+01
Trichloroethylene	9.00E+02
1,2,-Dichloropropane	1.17E+03
Bromodichloromethane	3.00E-02
Tetrachloroethene	1.12E+03
Chlorodibromomethane	3.00E-02
Bromoform	1.67E+01
Benzene	1.00E+02
Toluene	7.50E+03
Ethyl Benzene	1.45E+03
(m) Xylene	1.45E+03
(o&p) Xylene	1.45E+03
(m) Dichlorobenzene	3.00E-02
(o) Dichlorobenzene	1.00E+03
(p) Dichlorobenzene	1.50E+03
Chloroethane	5.20E+04
1,1,-Dichloroethylene	6.67E+01
Chlorobenzene	1.17E+03
Ammonia	3.60E+02

* Established per New York State Department of Environmental Conservation Air Guide No. 1 for Toxic Air Contaminants. If any federal National Ambient Air Quality Standards or National Emission Standards for Hazardous Air Pollutants are promulgated which are more stringent than these State guidelines, the more stringent standard shall apply.

SECTION 3.0

GROUNDWATER TREATMENT FACILITY OPERATIONS

3.1 Theory of Operation

A system of five (5) groundwater recovery wells was installed by the Town at the leading edge of the volatile organic compounds (VOC) plume, located in the Bethpage State Park. The location of the recovery wells/recharge basin are shown in Appendix A of this report.

The combined flow from all wells is directed through common transmission piping to the air stripper wet well. A triplex pump arrangement delivers the collected groundwater to the top of the air stripper containing proprietary packing media. As the groundwater passes through and wets the packing, it is contacted with air directed into the bottom of the air stripper. Dissolved VOC's pass from the liquid phase (groundwater) into the gas phase (air) and exit the stripper through a stack. The treated groundwater is directed into a receiving wet well where another triplex pump arrangement delivers it to a combination of eight (8) diffusion wells in a recharge basin (Recharge Basin No.1), located hydraulically upgradient of the landfill on the west perimeter of the site.

3.2 Physical Plant

The Groundwater Treatment Facility (GTF) consists of the following major components:

- * five (5) recovery wells to deliver a combined maximum design flow of approximately 1.5 MGD.
- * treatment plant building housing the control room, laboratory, wet wells, pumps, acid rinse system, and chemical holding tanks.
- * air stripper and proprietary media.
- * recharge basin/diffusion wells

* transmission piping.

3.3 Initial Operating Conditions

On April 1, 1992, the facility pumped approximately 1.5 MGD of groundwater from the five (5) recovery wells located in the Bethpage State Park. This flow was processed through an air stripper operating at a nominal 1050 GPM forward hydraulic flow and approximately 10,400 SCFM of atmospheric air. The treatment plant design and the initial operating conditions are based on continuous twenty-four hours, seven days per week operation. Some adjustments to water and air flows were made during this reporting period.

3.4 Monitoring Functions

3.4.1 Daily Operations Reports

The control console located at the GTF provides continuous readouts to the operating personnel of pumpage rates from each production well through the plant. Hourly, the operating personnel transfer these readings onto a "Daily Operations Report". One report is completed each shift. A box is provided for the written observations made by those personnel concerning plant operations. These reports for the fifth quarter (first of the second operating year), from April 1 through June 30, 1993, are reproduced in Appendix B.

3.4.2 Organic Analyses Reports

The Town installed a gas chromatograph at the facility laboratory to self-monitor the day to day treatment efficiency of the facility. During the operating quarter, to assure compliance, influent and effluent samples were taken regularly at the facility and analyzed for VOC's. Originally the sampling and analysis schedule operated daily, Monday through Friday, but was adjusted to three days per week near the end of the second quarter, as it became apparent that treatment efficiency remained high under varying inlet conditions. This procedure was

continued during this quarter. In addition, weekly samples from the recovery wellfield are also analyzed for VOC's. All VOC self-monitoring data is reproduced in Appendix C.

3.4.3 Inorganic Analyses Reports

The Town also installed at the facility laboratory, equipment to self-monitor other water quality parameters. These measurements are generally taken to forewarn the operating personnel of changes in the influent or effluent signaling potential equipment problems requiring maintenance. Therefore, soluble iron is occasionally monitored through the air stripper to quantify the potential for iron fouling of the packing media. Dissolved oxygen is measured in the effluent to assure proper blower operation and that the influent has been thoroughly aerated. All inorganic self-monitoring data is reproduced in Appendix D.

3.4.4 State Pollution Discharge Elimination System (SPDES) Reports

In addition to self-monitoring, the Town sends monthly facility effluent samples to a New York State certified laboratory for organic and inorganic analyses. The analyses performed are those required by the Consent Decree, reproduced here as Table 4 as it appears in that document. The monthly SPDES reports from the certified laboratory are reproduced in this document as Appendix E.

3.4.5 Air Stripper Emissions Testing

The Fifth quarterly emissions test of the air stripper was performed on June 10, 1993 (In the past, the reporting of the air stripper emissions tests had been published in the following quarters report. However, since the Fourth quarter results were published in the annual report, we are now able to publish these results in the appropriate quarterly report). The testing procedure involves obtaining twelve gas samples from the air stripper stack, and to obtain meaningful results, the test is performed during normal facility operations. Hydraulic data is collected in the normal manner. (See Section 3.4.1). The data contained in the "Daily Operations Report" spanning the test period is used to establish the mass quantities of materials emitted by the

treatment process per unit of time. The subcontractors report of his findings is reproduced in Appendix F.

TABLE 4

<u>Parameter</u>	<u>Analytical Methods</u>		
	<u>Analytical Method</u>	<u>Sample Preservation</u>	<u>Holding Time</u>
Chloride	SM 407 A	None	28 Days
Ammonia	SM 417B, EPA 350.2	Cool to 4°C pH 2 w/H ₂ SO ₄	28 Days
Iron	SM 303B, EPA 236.1	Field filter, Cool to 4°C, pH 2 w/HNO ₃	6 Months
Hardness	SM 314B, EPA 130.2	Cool to 4°C	6 Months
Alkalinity	SM 403, EPA 310.1	Cool to 4°C	14 Days
pH (measured in field)	SM 423	None	Analyze Immediately
Specific Conductance (measured in field)	SM 205	Cool to 4°C	28 Days
VOCs	EPA 601 and 602	Cool to 4°C	14 Days
Metals and others*	EPA 40 CFR 136.3 (Individual Analyses)	As per Individual method	As per Individual method

*Aluminum, Copper, Lead, Manganese, Nickel, Sodium, Zinc, Chromium (VI), Chromium, Mercury, Potassium, Magnesium, Calcium, Total Dissolved Solids, Nitrate, Sulfate, Carbonate, Total Kjeldahl Nitrogen, Bicarbonate Alkalinity, Cyanide, Phenols, and Barium.

SECTION 4.0 GROUNDWATER MONITORING PROGRAM

4.1 General

In compliance with the Consent Decree for the Old Bethpage Landfill, the following groundwater monitoring related activities were performed during the fifth operational quarter (from April 1 through June 30, 1993) of the Groundwater Treatment Facility (GTF):

- 1) One round of quarterly groundwater quality samples collected from April 6 through April 8, 1993; and
- 2) Three rounds of monthly (operational) water level measurements collected on April 5, May 3 and June 4, 1993.

Geraghty & Miller, Inc. (G&M), Plainview, Long Island, performed all of the hydraulic and groundwater quality monitoring at the site.

The data collected is summarized and evaluated in a document entitled "Quarterly Monitoring Report, Second Quarter Results, Old Bethpage Landfill", July, 1993 and is presented in its entirety in Appendix G.

4.1.1 Field Sampling Protocols

Except as noted in the subcontractors report (see Appendix G), field sampling procedures used during the April, 1993 Sampling Round were those that were previously submitted to the NYSDEC in July, 1991 by the Town of Oyster Bay, entitled "Protocols for Sampling Groundwater Under the Old Bethpage Solid Waste Disposal Complex Remedial Action Plan". A copy of those field sampling protocols is contained in Appendix G. Evacuation data and sampling data/field parameters for each well sampled are included on the Water-Sampling Logs in Appendix G. Field Quality Assurance/Quality Control samples utilized during this fifth quarterly sampling round consisted of two field blanks and two daily trip blanks analyzed for VOC's only. The field/trip blanks were used to gauge the

level of background (VOC) contamination, if any, from sources other than the well. In addition, the duplicate sample was taken from an anonymous well (6C-Rep) and analyzed for the full list of parameters to determine the laboratory precision of the analytical results. The field QA/QC procedures utilized were in conformance with Sections IV.A, IV.B, and IV.C of the Consent Decree.

A stainless steel submersible pump or teflon bailer was used for the evacuation and sampling of Well 30B and OBS-1, respectively, since those wells are not fitted with dedicated sampling equipment. All downhole equipment utilized for sampling which was not dedicated (i.e. used in other wells) was thoroughly sanitized prior to use in a particular well.

4.1.2 Elevation of Recovery Well Screens

Elevations of the well screen intervals (in feet above and below Mean Sea Level) (MSL) were assigned to the following zones for data correlation and water level mapping purposes:

- * Water Table Zone - 76 to 43 above MSL
- * Shallow Potentiometric Zone - 30 above to 30 below MSL
- * Deep Potentiometric Zone - 65 to 157 below MSL

The five recovery well screen intervals are included in both the shallow and deep potentiometric zones.

4.2 Hydraulic Monitoring

The purpose of the hydraulic monitoring is twofold: 1) to delineate the effective capture zone of the groundwater recovery wells so that hydraulic containment of the VOC plume can be demonstrated; and 2) to determine the extent of mounding in the recharge basin area, and the effect of the mounding, if any, on local groundwater flow patterns.

Static water levels were measured to the nearest .01 foot with an electronic water level meter (SLOPE INDICATOR) instead of with the chalk and tape method as referenced in the Consent Decree. In situ dedicated sampling equipment

prevented the use of a chalk and tape. The electronic tape is generally considered to be more accurate than a chalk and tape.

Water level measurements collected during the monthly (hydraulic) monitoring rounds were converted to elevations relative to MSL and plotted on a Site Location Map. (See Appendix A, Location Plan). The data points (water level elevations) were then contoured to produce the water table, shallow potentiometric, and deep potentiometric surface maps shown in Figures 1 through 9 of Appendix G. The approximate extent of the VOC plume (based upon the April 1993 sampling data) and the limiting flow lines of the effective capture zone were also drawn on the maps. Contour lines are dashed where the data points are less than optimum; the limiting flow lines drawn through these areas are approximate.

4.2.1 Monthly Water Level Measurements - April, May and June, 1993

The monthly (operational) water level data were collected on April 5, May 3 and June 4, 1993 and are summarized in Tables 1, 2 and 3 of Appendix G. The data are contoured in Figures 1 through 9 for the water table, shallow potentiometric, and deep potentiometric zones of the aquifer. As required for the Consent Decree, the following wells were incorporated into the hydraulic monitoring:

- * all 23 off-site wells (i.e. 5A, 5B, 6A, 6B, etc.)
- * existing Phase I, II, and III wells (LF-1 through LF 4 & TW1 through TW3)
- * the well at Melville Road (N9980)
- * Farmingdale Public Supply Wells 1-3, 2-2 and 2-3
- * Pump Test Observation Wells OBS-1 and OBS-2
- * Groundwater Remediation Wells RW-1 through RW-5
- * Wells upgradient of the recharge basin (29A, B and 30A,B)

Water level measurements in Farmingdale Public Supply Well Nos. 1-3 and 2-2 were obtained by water district personnel to the nearest 0.5 foot. Water levels were obtained in Upgradient Well 9-A, however, this data is suspect because it has been previously reported that gravel pack has entered the well.

April 5, 1993 Water Level Elevations

Contour maps depicting the elevations of the water table, shallow potentiometric, and deep potentiometric surfaces on April 5, 1993 are shown in Figures 1 through 3 in Appendix G. In general, compared to earlier rounds conducted during the fourth operating quarter, water level elevations from this round revealed similar groundwater flow directions. As shown in Figures 1 through 3, groundwater flow directions are to the southeast across the project area, with the exception of radially inward flow from the south, east and western parts of the capture zone toward the recovery wells. In general, these groundwater flow directions are compatible with the regional (southerly) flow direction, as reported by the United States Geological Survey.

Groundwater elevations observed for the April 5, 1993 round for the water table surface ranged from 71.7 feet above MSL in the recharge basin area (north of the landfill) to 58.1 feet MSL (south of the landfill site) in Well No. N9980 just south of Melville Road. Localized mounding of the water table was observed immediately adjacent to the groundwater remediation system recharge basin, at an elevation approximately equal to that observed during the fourth operational quarter of the system.

Groundwater elevations of the shallow/deep potentiometric zones of the aquifer during the April monitoring round ranged from approximately 69.5 feet above MSL upgradient of the site to 51.3 feet MSL in remediation Well RW-3 downgradient of the site in the capture zone area. Groundwater elevations south of approximate location of the stagnation point (which delineates the southern boundary of the capture zone), ranged from about 61 feet above MSL near the stagnation point to 55.7 feet MSL in the area along Melville Road (see Figures 2 and 3 in Appendix G)

As shown in Figures 2 and 3 of Appendix G, hydraulic control over the VOC plume was maintained throughout this period.

Contour maps depicting elevations of the water table, the shallow potentiometric surface, and deep potentiometric surface during May 3, 1993 are shown in Figure 4 through 6 in Appendix G. In general, compared to the April 5, 1993 round, water level elevation data from this round revealed similar groundwater flow directions across the site. Water level elevations for the water table ranged from approximately 72.0 feet above MSL (north of the landfill) to 58.0 feet MSL (south of the landfill site). Localized mounding, immediately adjacent to the groundwater remediation system recharge basin, was also observed during this round.

Groundwater elevations in the shallow/deep potentiometric zones ranged from approximately 70.0 feet above MSL in the recharge basin area to 51.9 feet MSL in Well RW-3 in the capture zone. South of the stagnation point, groundwater elevations ranged from approximately 61.0 feet MSL near the south edge of the capture zone to 58 feet MSL in Well N9980 near Melville Road. On average, groundwater flow directions were similar to those recorded during the April 1993 water level monitoring round.

Hydraulic control over the VOC plume was maintained throughout this period as evident by the limiting flow lines shown in Appendix G, Figures 5 and 6.

June 4, 1993 Water Level Elevations

Contour maps depicting elevations of the water table, shallow and deep potentiometric surfaces on June 4, 1993 are shown in Figures 7 through 9 in Appendix G. . A comparison of the June 4, 1993 water elevation data with that of the 1991 baseline monitoring round reveals an average decline in water levels of approximately three feet across the study area. Localized mounding was also observed in the upgradient recharge basin area, similar to that reported for the previous monitoring rounds. Except for some localized radial flow patterns in the area of Recharge Basin No. 1 and the capture zone area, groundwater flow directions during this round were to the southeast and, were compatible with the regional flow direction.

4.3 Groundwater Quality and Quarterly Monitoring

In accordance with the requirements of the Consent Decree, a quarterly round of groundwater quality sampling was conducted at the Old Bethpage landfill site between April 6 and April 7, 1993. Wells sampled as part of the quarterly groundwater monitoring program, as specified in Section II.B.3 of the Consent Decree, are as follows:

Offsite Wells: 5B

6A, 6B, 6C, 6E, 6F

9B, 9C

11A, 11B

7B

Observation Well: OBS-1

Upgradient Well: M-30B

Landfill Well: LF-1

Except for Landfill Well LF-1 which was analyzed for leachate parameters only (as per Table 6 in the Consent Decree), all groundwater samples collected were analyzed for Volatile Organic Compounds (VOC's); dissolved (filtered) Metals; total (unfiltered) Metals; and leachate parameters, as required by Table 6.

The results of the quarterly monitoring are summarized in Tables 5, 6 and 7 of Appendix G; the certified laboratory data reports are also presented in Appendix G of this Report. According to the data reports, VOC's were not found in any of the two trip blanks or two field blanks that were analyzed, and duplicate sampling results (i.e. 6C-Rep) were found to be within acceptable limits for all analyses. Artifact compounds currently recognized by the Consent Decree were not detected in any of the samples analyzed.

In general, because the groundwater recovery system was designed to capture and treat the VOC portion of the landfill plume, the data analyses focuses on VOC contamination. Analysis of the leachate (inorganic) portion of the landfill plume is limited to a comparison of inorganic data/plume dimensions as previously reported. For reference, all data collected during the April 1993 round are

compared to the fourth quarter data (LKB, July 1993), as well as to the 1991 baseline data (LKB, September 1992).

4.3.1 Analyses of Volatile Organic Compound (VOC) Data - October, 1992

The April 1993 testing and analysis reveal a pattern of VOC contamination of the groundwater similar to that depicted in the first four quarterly sampling rounds as well as the 1991 Baseline results. The sampling rounds consistently demonstrate three groupings of VOC's located in specific portions of the study area. These groupings are as follows: 1) volatile halogenated organics (VHOs) except tetrachloroethene; 2) volatile aromatic hydrocarbons; and 3) tetrachloroethene. An analysis of the VOC grouping is given below and in the groundwater sampling discussion in Appendix G.

The most dominant compounds detected in the first grouping, in terms of occurrence and concentration, were: 1,2-dichloroethene and trichloroethene, at concentrations of 0-71 ug/l and 0-16 ug/l, respectively. Other VHOs were also detected in groundwater samples but typically in concentrations of less than 10 micrograms. Well OBS-1 had the highest concentrations of VHOs detected, followed by Wells 8A and 7B. In general, concentrations of VHO's were lower in the April 1993 round than those detected in the January 1993 round and in the baseline round.

Figure 10 in Appendix G illustrates the approximate lateral extent of VHO's during the April 1993 sampling round. Based upon the groundwater sampling data, it appears that the lateral extent of VHO's during this round is comparable to that reported during the July/August 1991 baseline sampling round. However, the overall decrease in the concentrations of these contaminants, presumably in response to the groundwater remediation, would imply a reduction in the horizontal/vertical extent of the VHO plume.

The second VOC grouping, aromatic hydrocarbons, which consist of benzene, ethylbenzene, chlorobenzene, p-dichlorobenzene and o-dichlorobenzene, were detected in a more limited area than the first grouping. The highest concentrations of aromatic hydrocarbons were detected in Well OBS-1 (85 ug/l), Well 9C (18 ug/l), Well 6B (18 ug/l) and Well 6E (13 ug/l). Benzene and p-

dichlorobenzene are the dominant aromatic compounds detected. The concentration of benzene was found to decrease in Well OBS-1 (which is downgradient of the Nassau County Fireman's Training Center) from 110 ug/l in January 1993 to 85 ug/l in April 1993. The concentration of p-dichlorobenzene has generally decreased during this same period, except for a slight increase in the concentration in Well 9C. The only other aromatic hydrocarbons to show an increase in the fifth quarter sampling round were Benzene, which had a minor increase in Well 5B and Chlorobenzene which showed slight increases in Wells 6A and 9C.

The third VOC grouping, tetrachloroethene, exhibits a very different distribution than the first two VOC groupings. Figure 12, in Appendix G, illustrates the approximate lateral extent of tetrachloroethene in April 1993. Based upon the groundwater sampling data, the April 1993 lateral extent for tetrachloroethene appears to be similar to the two separate plumes (east and west) apparent from the January 1993 and July/August 1991 (baseline round) data. The highest concentration of tetrachloroethene was detected in Well 8A (380 ug/l), followed by Wells 7B (130 ug/l) and OBS-1 (25 ug/l). Concentrations of tetrachloroethene detected in the April 1993 round remained essentially the same in Wells 6A, 6E, and OBS-1 when compared to the January 1993 data (from 1 ug/l to non-detect, 2 to 1 ug/l, and 27 to 25 ug/l, respectively). The concentrations of tetrachloroethene detected in the April round increased in Wells 7B and 8A when compared with January 1993 data from 110 to 130 ug/l and 250 to 380 ug/l, respectively. All the April 1993 tetrachloroethene concentrations were found to be less than or equal to those found in the July/August (baseline round) data.

4.3.2 Delineation of the VOC Plume

The position of the total Volatile Organic Compound (VOC) plume, which includes a composite of the three groupings as described above, has been delineated on Figures 1 through 6 in Appendix G. The outline (hatched area) represents the approximate maximum horizontal extent of the plume within the aquifer at the time of the April 1993 Quarterly Sampling Round. A review of VOC plume outlines in Appendix

G suggests that the approximate length of the plume downgradient of the landfill is 4,000 feet and the maximum width of the plume is about 3,000 feet. A

comparison of the current lateral extent of the composite VOC plume with previous fourth quarter and baseline mapping efforts appears to indicate no significant change in the position of the plume.

However, since groundwater in the capture zone has been moving towards the recovery wells for approximately one year, theoretically, the southernmost extent of the VOC plume should have been reduced. This apparent discrepancy may be accounted for by realizing that the southern boundary of the plume line(s) was estimated by using a less than ideal distribution of monitoring well sampling points.

4.3.3 Analysis of Inorganic Compound Data - April 1993

Inorganic data collected during the April 1993 groundwater quality sampling round are summarized in Tables 6 and 7 in Appendix G. Specifically, the landfill leachate plume exhibits its greatest approximate lateral extent in the middle zone (the approximate elevation of the "B" and "C" wells, which is roughly equivalent to the shallow potentiometric zone) and its greatest approximate thickness (approximately 200 ft) in Well Cluster 6. The highest concentrations of ammonia, potassium, alkalinity (i.e. more basic), chloride, specific conductivity and pH detected in the April 1993 round were found in Wells 5B, 6B, 6C, 9C, and LF-1. The April 1993 revealed the highest levels of Manganese in Wells 5B, 6E, 8B, & M-30B, the highest levels of iron in Wells 6B, 6C and M-30B, and the highest levels of Zinc in Well OBS-1. This testing also demonstrated the highest concentrations of hardness in Well Cluster 6 and Wells 5B, 8B, 9C, and LF-1. Specific conductivity temperature, pH and overall water quality were measured in the field during groundwater sampling and are summarized on the data Sampling Logs in Appendix G.

Concentrations of the leachate indicators in the April 1993 round have remained consistent with the results from the January 1993 round. Compared to the January 1993 data, the concentrations of hardness detected in April 1993 increased five times in Well 9B and doubled in Well LF-F. In addition, the concentrations of alkalinity and lead decreased by an order of magnitude in Wells 9B and 6A, respectively. The concentration of bicarbonate alkalinity detected in

Well 6A and the concentrations of total dissolved solids detected in Wells 6A, 7B, 8A, and 8B are approximately half the concentrations detected in January 1993 (see Table 7).

4.4 Hydraulic Evaluation of the Groundwater Remediation System

4.4.1 Effective Capture Zone

Figures 1 through 9 show the configuration of the water table shallow and deep potentiometric surfaces, relative to the position of the VOC plume, for the April 5, May 3, June 4, 1993 water level monitoring rounds. In addition, limiting flow lines depicting the effective capture zone are shown on the shallow and deep potentiometric maps. Evaluation of the horizontal and vertical extent of potentiometric contours (i.e. effective capture zone) verifies that during the fifth quarter the full extent of the VOC plume has been captured.

Average water level elevations across the study area have decreased approximately three feet since the 1991 (pre-pumping) baseline water level rounds, and drawdown in the capture zone has ranged from approximately 10 to 12 feet since the start of pumping in April 1992. Mean water level elevations in the capture zone, as measured in the five recovery wells, have shown a steady decline over the first and second operational quarters (from 55.4 to 53.7 feet MSL), and have shown a fluctuating but generally increasing trend during the third and fourth quarters (Figure 6). The third and fourth quarter fluctuations (from 54.0 to 55.8 feet MSL) are mostly due to Wells RW-1 and RW-2 being off-line during the January and February, 1993 monitoring round, respectively. In addition, the general increasing trend in water levels may be influenced by fluctuations in the water table and potentiometric surfaces. The fifth quarter results illustrated a significant decrease from those recorded in the fourth quarter (due to Wells RW-1 and RW-2 being back on line) but showed a minor increasing trend over the span of the quarter (from 54.28 to 55.05 feet MSL).

Based upon the limiting flow lines of the capture zones, as presented in Appendix G, the average facility flow of 1.43 MGD during this quarter has maintained hydraulic control over the VOC plume. Furthermore, capture of the VOC plume

has been maintained during the first five operating quarters, where average facility flow has varied from approximately .90 to 1.43 MGD regardless of the seasonal effects. Therefore, the frequency of hydraulic monitoring can be safely reduced from monthly to quarterly.

4.4.2 Effects of Mounding Due to Recharge

Figures 1, 4 and 7 in Appendix G show the configuration of the water table and mounding in the area of Recharge Basin No. 1 during the April, May and June 1993 hydraulic monitoring rounds. Data presented in these Figures indicate localized mounding of the water table immediately adjacent to the recharge basin, resulting in a radially outward flow pattern. The elevation of the top of the mound is estimated to range from approximately 70-72 feet above MSL during the fifth operating quarter, which is similar to that reported for the previous quarter (LKB, July 1993). The modification of the local groundwater flow pattern resulting from the mounding is largely restricted to the northwest corner of the landfill property.

During the fifth quarter, standing water was estimated to be at 128 feet MSL in the recharge basin. The staff gauge was submerged during the April, May and June monitoring rounds indicating a minimum of 28 feet of standing water in the basins at that time. The standing water in the basin is the equilibrium water level for the recharge basin system, and is interpreted to be the result of slow seepage of effluent (and runoff water) through the leaching wells/recharge basin and soil. Hydraulic monitoring at the landfill indicates that the standing water in the basin does not significantly add to the elevation of the mounding that was observed and, consequently, does not adversely affect groundwater flow conditions in the area.

4.4.3 Evaluation of System Pumpage

Wellfield operation (see Daily Operating Reports - Appendix B) was reviewed for the period April 1 through June 30, 1993 to estimate: 1) total system flow or system pumpage; and 2) well flow for the individual recovery wells. During the fifth quarter, the actual average system flow, as determined by air stripper operating parameters, was approximately 1.42 MGD.

fifth quarter, the actual average system flow, as determined by air stripper operating parameters, was approximately 1.42 MGD.

The groundwater recovery system was fully operational for approximately 75 of the 91 day reporting period. A summary of the daily pumpage records and estimated average system flows, in GPM, is presented in Table 4, Appendix G.

The minimum, maximum and mean average daily pumpage rates (gallons per minute) for each recovery well during April, May and June of the fifth operating quarter are summarized below:

<u>April 1993</u>			
<u>Gallons Per Minute</u>			
	<u>Minimum</u>	<u>Maximum</u>	<u>Mean</u>
RW-1	33	229	198
RW-2	42	265	251
RW-3	33	200	192
RW-4	35	217	206
RW-5	33	200	193

<u>May 1993</u>			
<u>Gallons Per Minute</u>			
	<u>Minimum</u>	<u>Maximum</u>	<u>Mean</u>
RW-1	0	235	219
RW-2	0	256	237
RW-3	0	231	211
RW-4	0	217	204
RW-5	0	241	208

	<u>June 1993</u>		
	<u>Gallons Per Minute</u>		
	<u>Minimum</u>	<u>Maximum</u>	<u>Mean</u>
RW-1	46	222	204
RW-2	183	253	235
RW-3	45	217	198
RW-4	154	215	200
RW-5	157	243	224

The average daily pumpage rates do not include days where there was no pumpage in an individual recovery well. The average fifth quarter total system pumpage calculated from this data is 1,060 gallons per minute (1.53 MGD), which is about eight percent greater than that determined from the air stripper effluent flows (1.42 MGD). This discrepancy results from the normal intermittent operation of the recovery well pumps that are designed to maintain a relatively constant system flow.

SECTION 5.0

FINDINGS AND RECOMMENDATIONS

5.1 Discussion

5.1.1 Facility Operations

A review of the "Daily Operations Reports" (Appendix B) for the period reported shows that the facility maintained an on-line performance of 95.5 percent, and when operating, processed an average of 1.46 MGD. Over this 91-day period, nearly 130 million gallons of groundwater were pumped, treated and recharged at an actual average flow of 1.43 MGD (Figure 1).

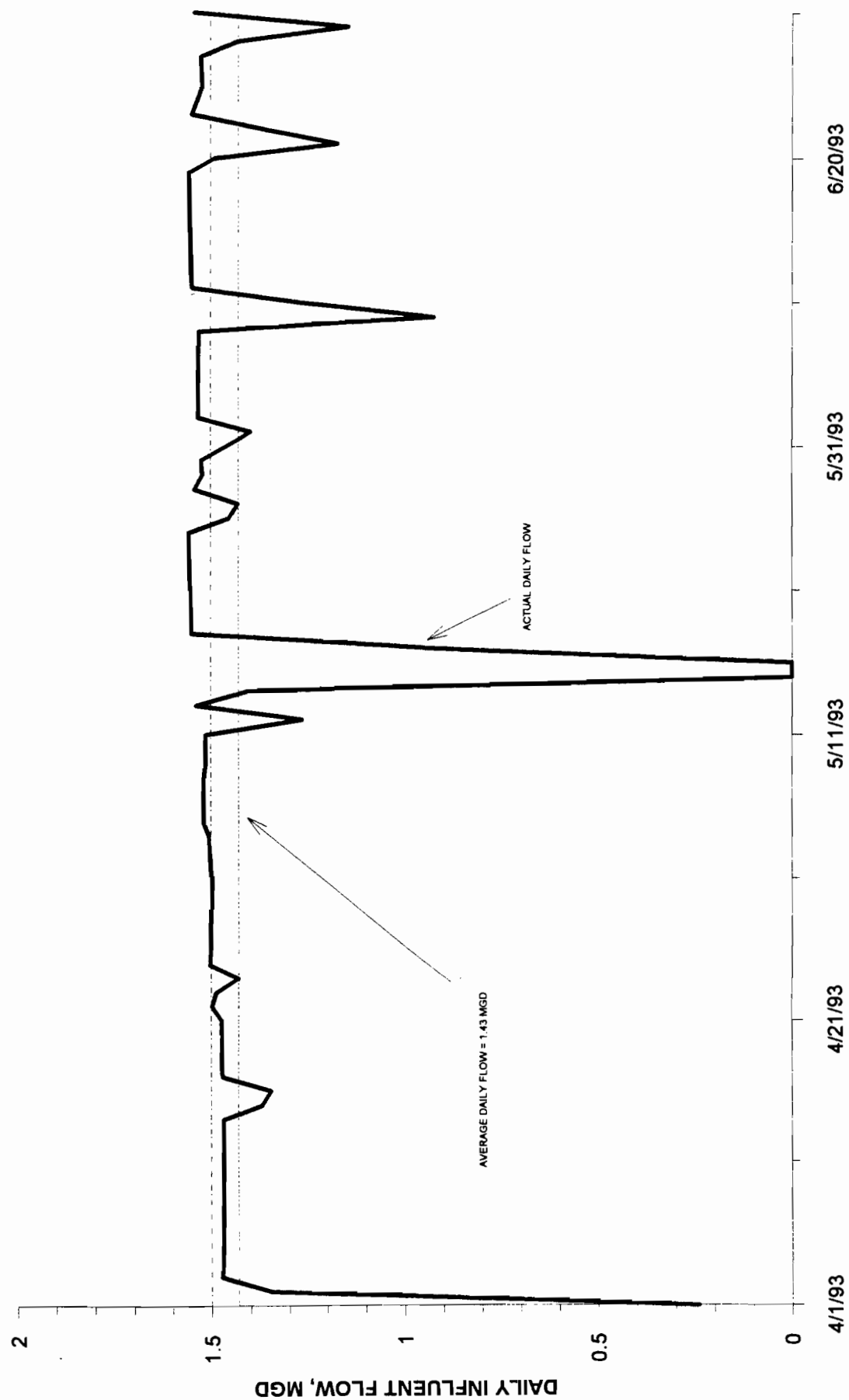
The on-line performance record of the facility during this quarter was affected primarily by downtime due to problems with the electrical communications systems (76 hours or 76.8 % of the downtime total). The second major cause of facility downtime was due to emergency shutdowns during thunderstorm activity (18 hours or 18.2 % of the downtime total).

The policy of an emergency shutdown during thunderstorm activity was initiated by the Town during the summer of 1992, has been reported previously, and is now a permanent feature of the facility operating procedures. When the thunderstorm related downtime is discounted, the on-line performance of the facility increases to 96.3 percent.

Based on self-monitoring data (Appendix C), total influent VOC's during the quarter averaged 237 ppb, and total effluent VOC's for the same period averaged 1.48 ppb (Figure 2).

The average total VOC influent loading increased by about two percent over the previous quarter and overall average treatment efficiency remained the same at about 99.4 percent (Figure 4). On the basis of three SPDES effluent analytical reports by a certified laboratory, and thirty four self-monitoring reports, no parameters were found to be above guideline concentrations during this period.

TEMPORAL VARIATION IN FACILITY INFLUENT FLOW



FIFTH OPERATIONAL QUARTER, 1993

TOWN OF OYSTER BAY GROUNDWATER TREATMENT FACILITY

FIGURE 1

Removal efficiencies have remained high for three reasons. First, a five well recovery system tends to dampen out large variations in influent VOC concentrations to the air stripper as shown in Figure 5. Although very large variations occur in specific VOC concentrations at individual production wells over time, the overall influent total VOC concentration to the facility varied by less than plus/minus 34 percent of the average.

Secondly, the air/water ratio has been maintained higher than 60/1 called for in the manufacturer's design literature. Higher air/water ratios typically will improve to a degree air stripper efficiency to a degree simply by contacting greater volumes of air with the stripper influent. Occasionally, additional efficiency can be gained as greater air volumes force the downward flow more evenly across the diameter of the vessel, thus minimizing channeling and "dead" spots in the packing. Some evidence of channeling was evident during an inspection made in February 1993.

Lastly, a high awareness exists among operating personnel regarding maintenance of the stripper internals through observation of the tower packing, where iron deposit fouling can cause a drop in process efficiency. The initial acid washing of the tower internals was performed on March 14, 1992 and removed all visible signs of deposits. The third "acid wash" was performed on March 2, 1993 and removed additional iron deposits. Additional "acid washes" will be performed during 1993 as required.

Therefore, on the basis of the analytical work performed, no additional treatment units are currently required to remove VOC's, since all applicable guideline values are consistently satisfied.

On the basis of three analytical reports from a certified laboratory (Appendix E) and monitoring performed at the Town laboratory (Appendix D), no inorganic parameters were found to be above guideline concentrations. Air flow to the stripper tower had been increased during the second quarter in anticipation of oxidizing additional soluble iron to a precipitate form on the packing media. Iron deposits on the packing are removed during scheduled acid washing of the stripper tower as described previously.

TEMPORAL COMPARISON OF INFLUENT/EFFLUENT TOTAL VOC CONCENTRATIONS

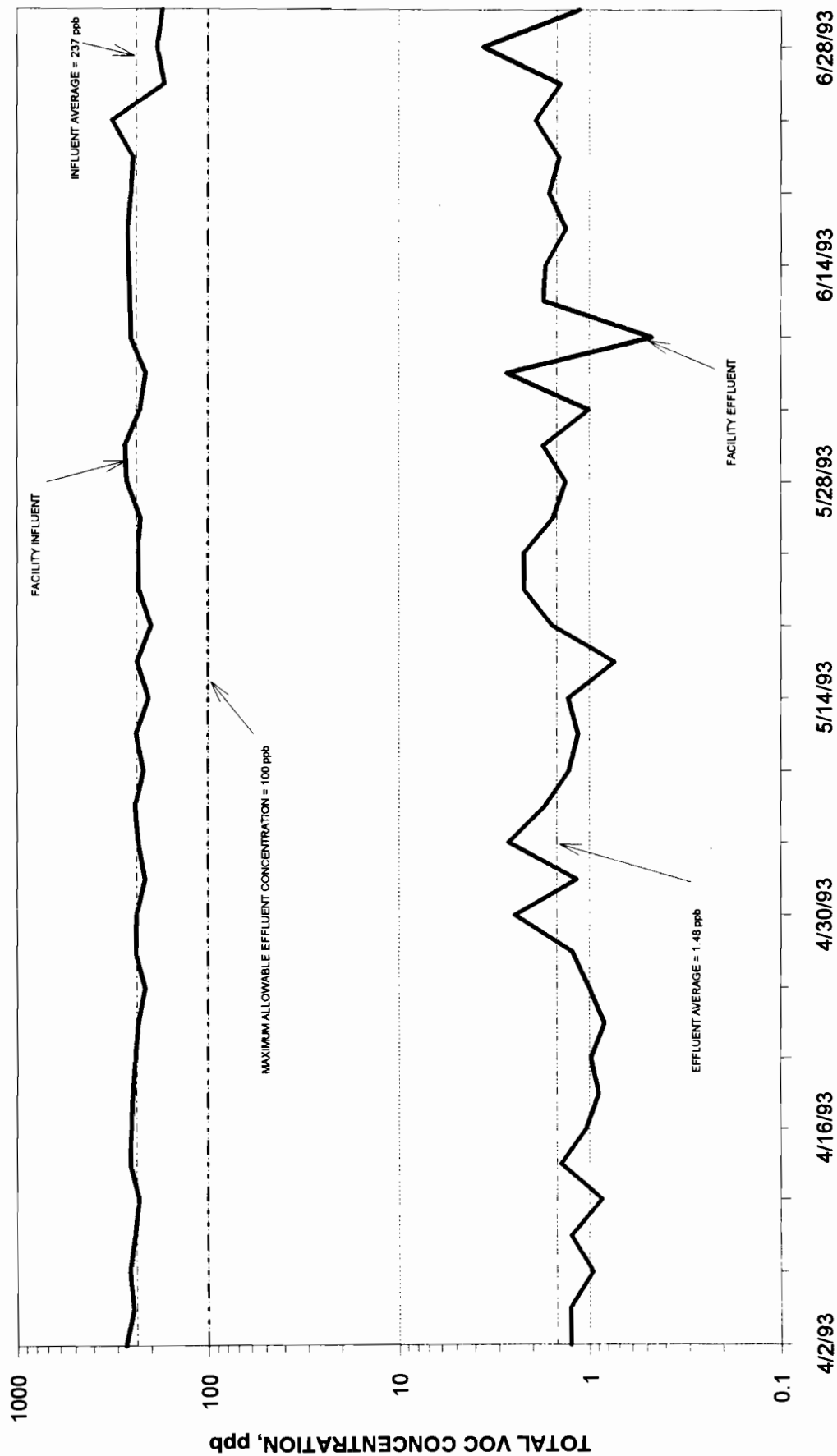


FIGURE 2

FIFTH OPERATIONAL QUARTER, 1993

TOWN OF OYSTER BAY GROUNDWATER TREATMENT FACILITY

TEMPORAL VARIATION IN FACILITY INFLUENT VOC CONCENTRATIONS

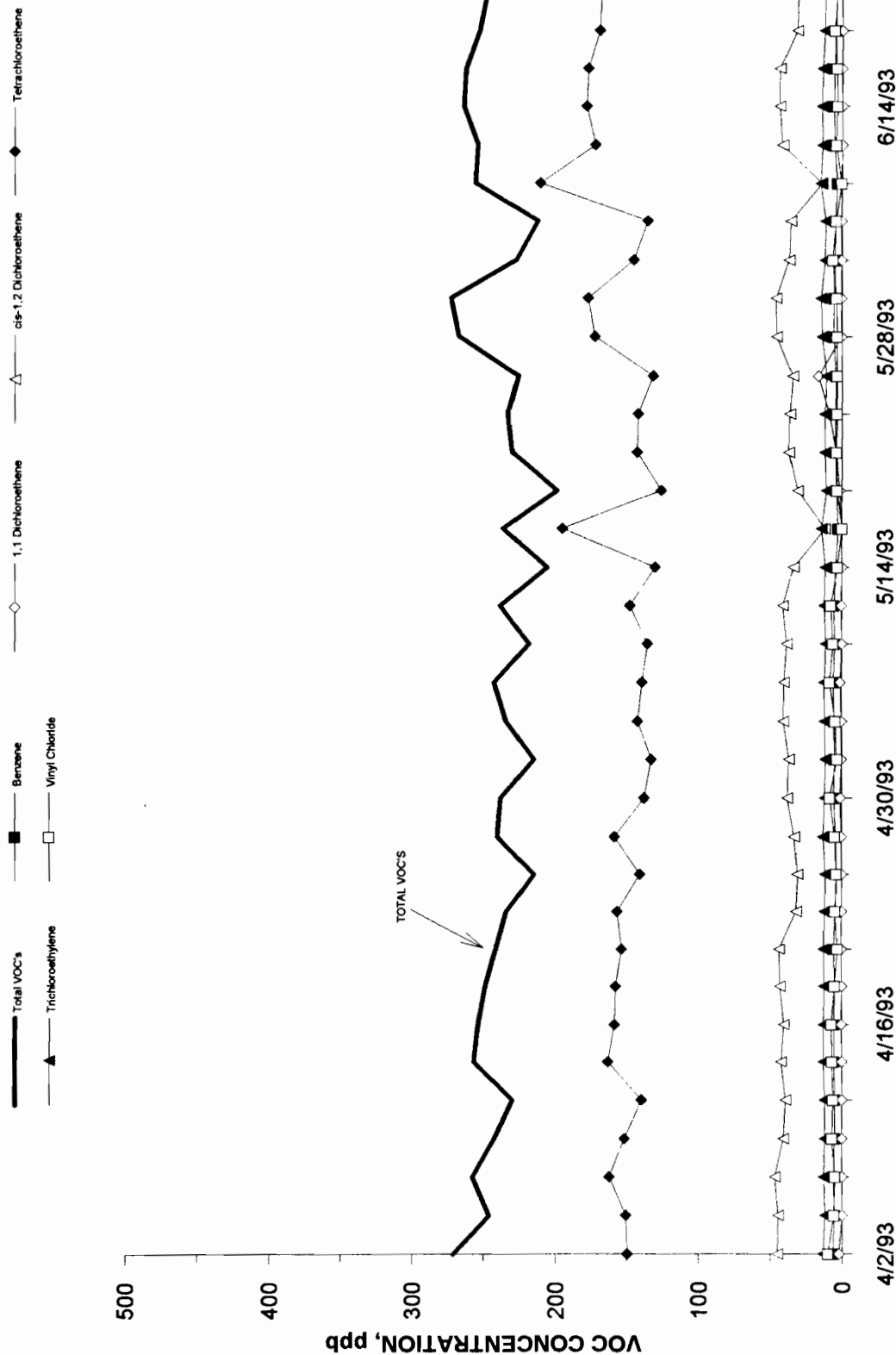


FIGURE 3

FIFTH OPERATIONAL QUARTER, 1993

TOWN OF OYSTER BAY GROUNDWATER TREATMENT FACILITY

TEMPORAL VARIATION IN TREATMENT EFFICIENCY

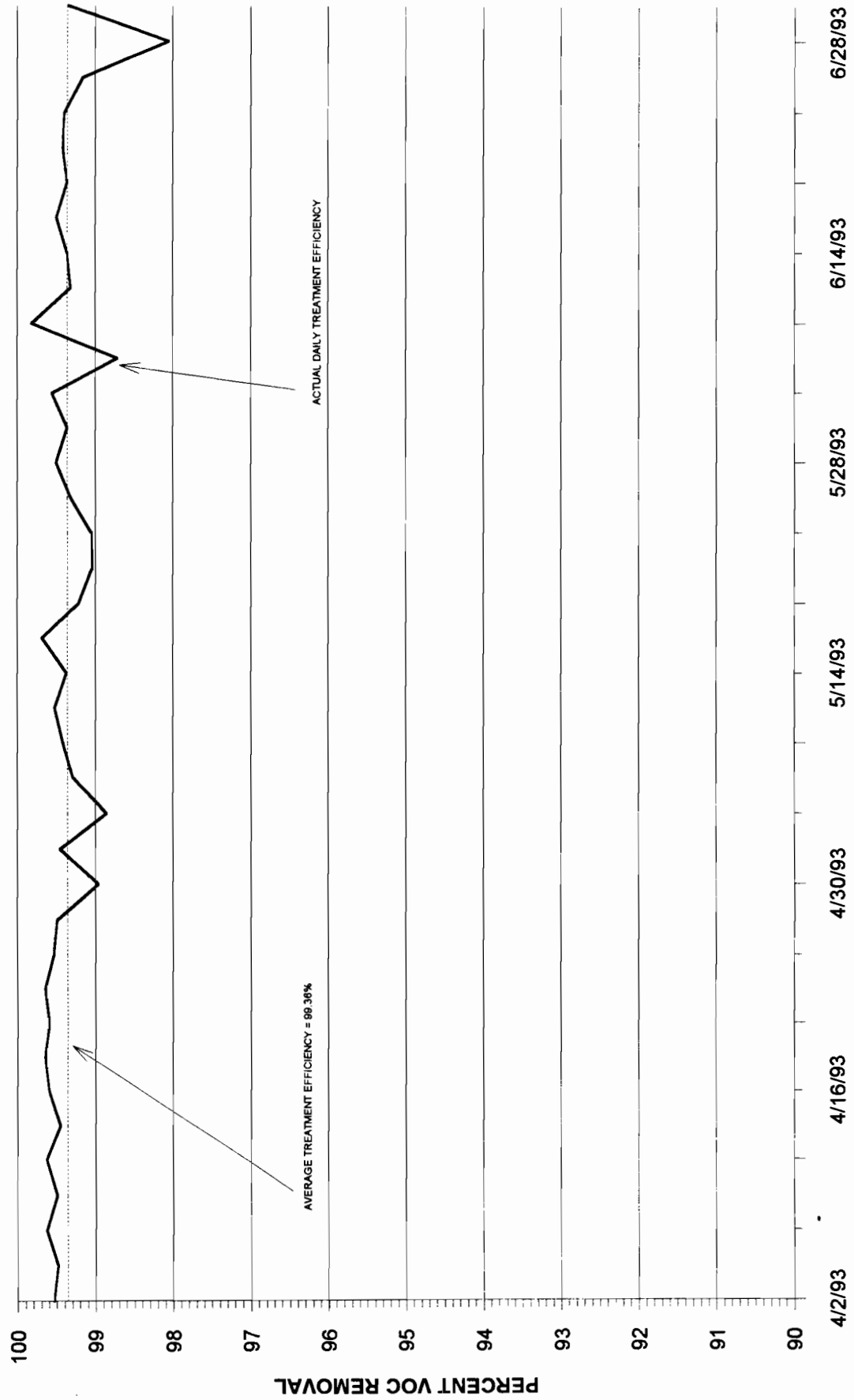


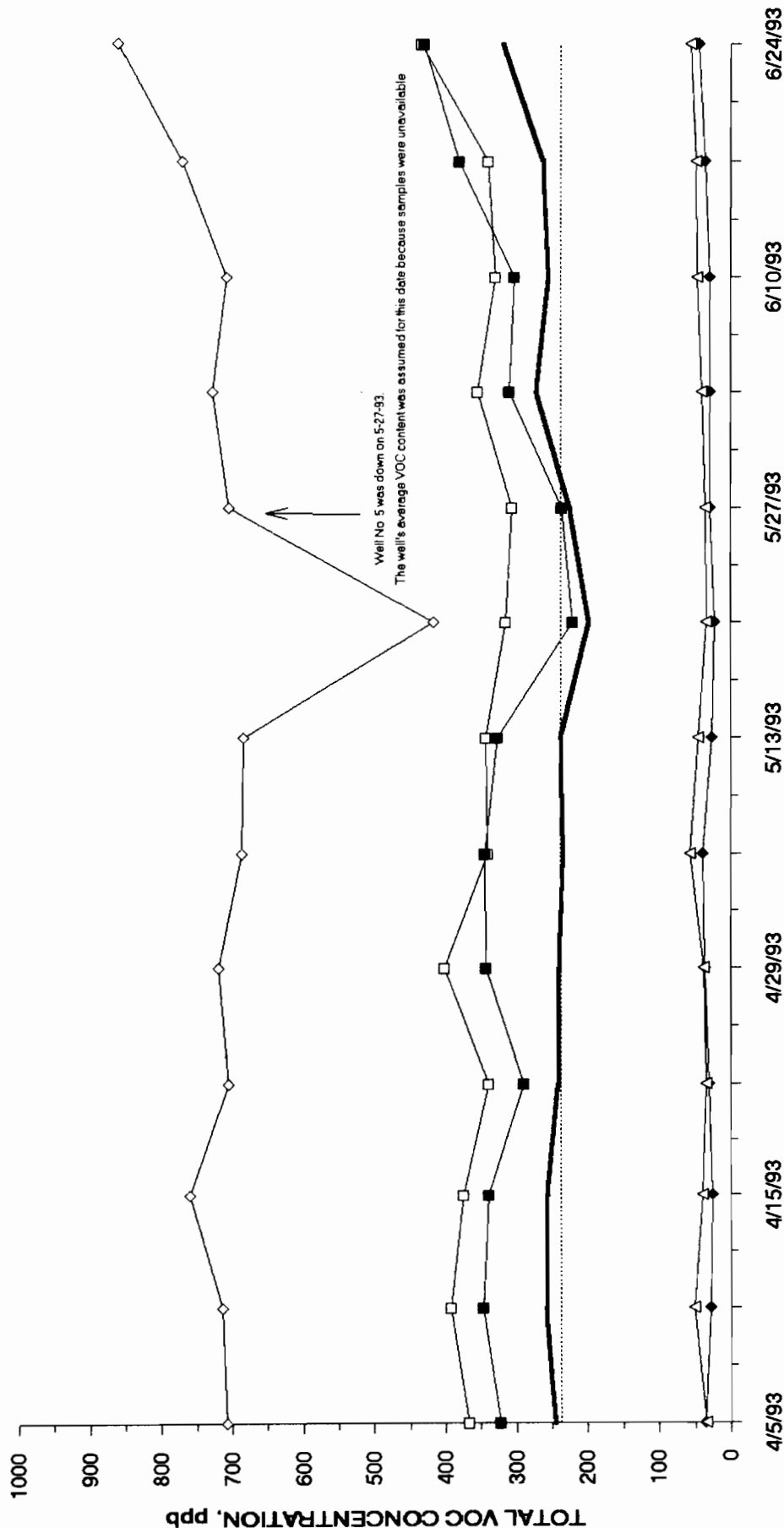
FIGURE 4

FIFTH OPERATIONAL QUARTER, 1993

TOWN OF OYSTER BAY GROUNDWATER TREATMENT FACILITY

TEMPORAL VARIATION IN WELLFIELD TOTAL VOC CONCENTRATIONS

—●— PRODUCTION WELL No 1 —△— PRODUCTION WELL No 2 —□— PRODUCTION WELL No 3 —■— PRODUCTION WELL No 4 —◇— PRODUCTION WELL No 5
 AVERAGE INFLUENT — FACILITY INFLUENT



FIFTH OPERATIONAL QUARTER, 1993

Town of Oyster Bay Groundwater Treatment Facility

FIGURE 5

CORRELATION OF WATER LEVEL AND FACILITY FLOW

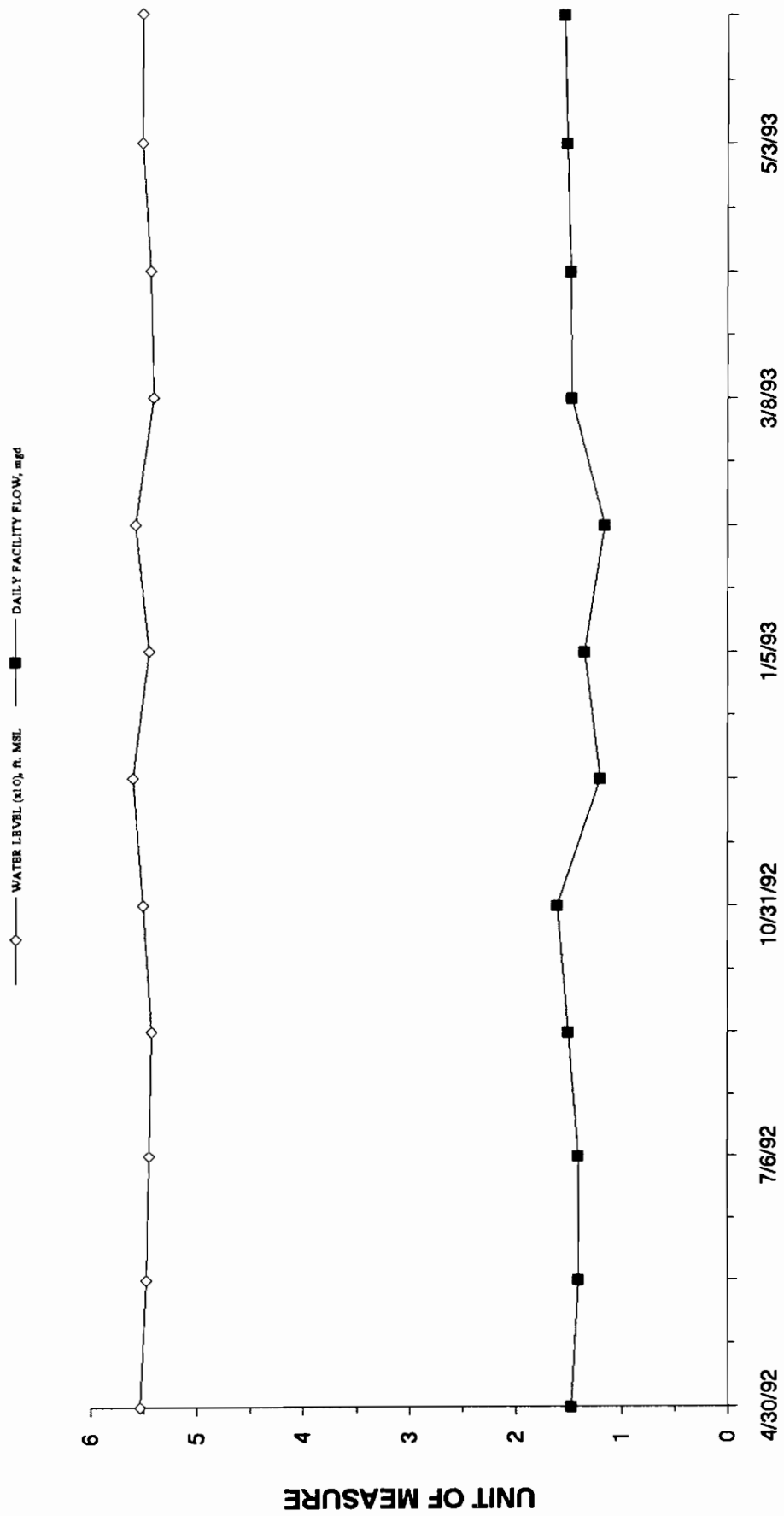


FIGURE 6

APRIL 1992 - JUNE 1993

TOWN OF OYSTER BAY GROUNDWATER TREATMENT FACILITY

Therefore, on the basis of the analytical work performed, no additional treatment units are currently required to remove iron or other trace inorganic constituents, since all applicable guideline values are consistently satisfied.

A review of the fifth quarterly air stripper emissions data (Appendix F) indicates that after appropriate modeling to predict annual impacts at the property line using the measured emissions rates, no compound exceeded the NYSDEC Air Guide No. 1 limitations, as originally specified in the Consent Decree.

Since the Consent Decree has been signed and construction began on the Groundwater Treatment Facility, the applicable air discharge limitations were revised, effective June 1991. More recently, the Town has been advised by NYSDEC of certain clarifications to Air Guide No. 1 pertaining to tetrachloroethene (PCE). The results from this stack test indicate that after appropriate modeling to predict annual impacts at the property line using the measured emission rates, no compound exceeded these revised and clarified guidelines.

Therefore, on the basis of the analytical work performed, no additional treatment units are currently required to remove VOC's from the air stripper stack exhaust, since all applicable guideline values are satisfied.

5.1.2 Hydraulic Control of the VOC Plume

In order to evaluate the effect of changing system flow on water levels in the capture zone, data on system pumpage and water level elevations were compiled and graphed to allow for comparison. Trends in facility flow and water levels are presented in Figure 6 for the first five quarters of facility operation. Facility flow was compiled from daily pumpage records (i.e., daily operating reports) during times when monthly water level monitoring rounds were being conducted; water level data represents the mean water level elevation in the five recovery wells during the water level monitoring rounds.

The figure illustrates how, during the fourth quarter, water elevations in the recovery wells decreased each time the total system flow increased. During the fifth quarter facility flow was relatively constant and so was the corresponding water levels. Therefore, it appears that on a daily or short-term basis, system

pumpage is a significant variable that exerts hydraulic control over the VOC plume.

Evaluation of the data supports the recommendation that if the average facility flow is maintained at the current fifth quarter levels hydraulic monitoring can safely be reduced from monthly to quarterly monitoring.

5.1.3 Remediation of Potential Groundwater Plumes from Other Sources

In addition to monitoring influent and effluent conditions at the facility, the Town regularly monitors VOC concentrations at each recovery well. This analytical data collected during the fifth quarter (Appendix C) indicates that a general trend in total VOC concentrations at each recovery well is not apparent, for the entire fifth quarter. However, the analysis indicates that a general increase in total VOC concentrations at each recovery well has occurred throughout the month of June, as shown in Figures 7 through 11. Analysis of the above data appears to indicate that the increase in VOC's may be the result of the recovery of more contaminated plume water in the vicinity of Well Clusters 7 and 8 as described below.

As shown in Table 5 in Appendix G, total VOC's in the groundwater monitoring wells have increased by about 3 percent since the Fourth quarter sampling round. This relative stability in total VOC's is the result of a combination of a 21% increase in total VOC concentrations in Wells 7B and 8A and a combined 22% decrease in all other wells tested. Monitoring wells 7B and 8A are located hydraulically downgradient of the former Claremont Polychemical Facility and showed an increase in tetrachloroethene concentrations from 110 ug/l and 250 ug/l to 130 ug/l and 380 ug/l, respectively, since the fourth quarter. Presumably, this increase in tetrachloroethene is the result of changes in spatial and temporal concentrations of tetrachloroethene within the aquifer.

With an estimated groundwater flow rate of approximately two feet per day in the capture zone (based upon groundwater flow model data and hydraulic gradients during pumping), groundwater and thus VOC contamination has been captured within a distance of about 750 feet from the recovery wells since the start of pumping in April 1992. With continued pumping, as the tetrachloroethene-concentrated plume in the vicinity of well cluster 8 (located near the south side of the Claremont Polychemical facility) moves closer to Recovery Wells, RW-4 and RW-5, concentrations of VOCs should begin to show an increasing trend in those wells at some time in the future. Figures 10-12 illustrate that this effect has begun to be demonstrated in the month of June.

In addition to decreasing VOC concentrations resulting from groundwater remediation, long-term trends in the aquifer may, to some extent, also be affected by one or more of the following: 1) dilution of wellfield VOC's by overpumping and drawing in less contaminated groundwater from outside of the plume; 2) dilution of VOC's by seasonal groundwater recharge within the capture zone; and 3) changing geochemical conditions within the aquifer from pumping induced causes, most notably from sorption/desorption of VOC's by the aquifer materials. Continued analysis of water quality data from the Town's monitoring programs will be necessary to evaluate what extent these factors may be having on influent VOC concentrations.

Close inspection of Figures 7 through 11 indicates that the groundwater composition around each production well exhibits a unique chemical "signature" defined both by chemical species and concentration. Recovery Wells, RW-1, 2 and 3 are heavily influenced by VOC's known to be in the plume from OBSWDC, whereas Recovery Wells 4 and 5 are almost entirely composed of tetrachloroethene, a compound previously noted only in trace amounts on and around the OBSWDC.

A known Superfund site, the Claremont Polychemical manufacturing and storage facility, is located near the northernmost part of what has been identified as the tetrachloroethene plume (see Appendix G, Fig. 12). Tetrachloroethene is a major contaminant historically associated with that site. Furthermore, groundwater and contaminant flow patterns have been shown to travel southeastward or downgradient from the Claremont Polychemical site and is intercepted by

TEMPORAL VARIATION IN VOC CONCENTRATIONS AT PRODUCTION WELL No. 1



FIGURE 7

FIFTH OPERATIONAL QUARTER, 1993

TOWN OF OYSTER BAY GROUNDWATER TREATMENT FACILITY

TEMPORAL VARIATION IN VOC CONCENTRATIONS AT PRODUCTION WELL No. 2

Total VOC's Benzene 1,1 Dichloroethene cis-1,2 Dichloroethene Tetrachloroethene
 Trichloroethylene Vinyl Chloride

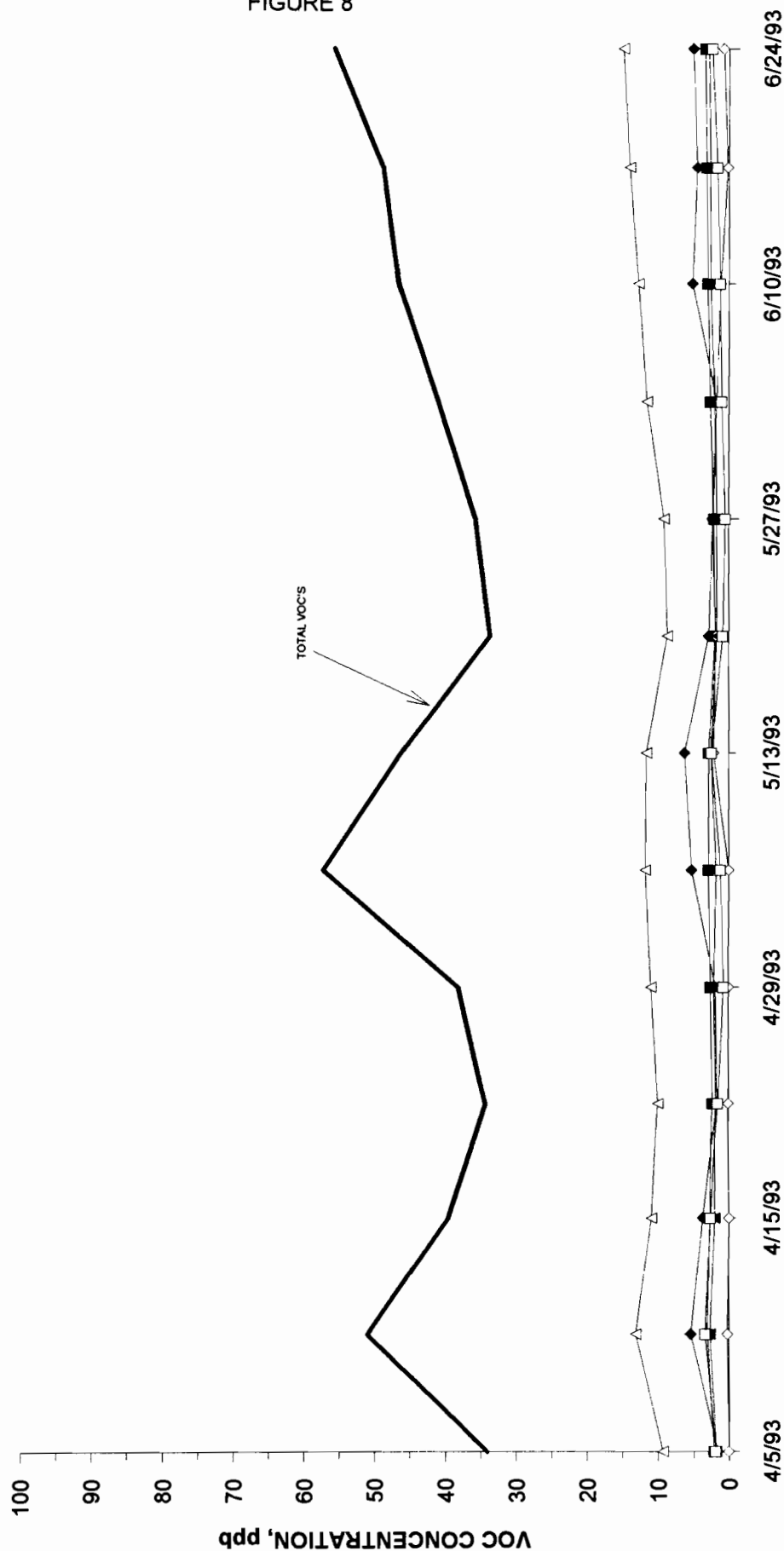
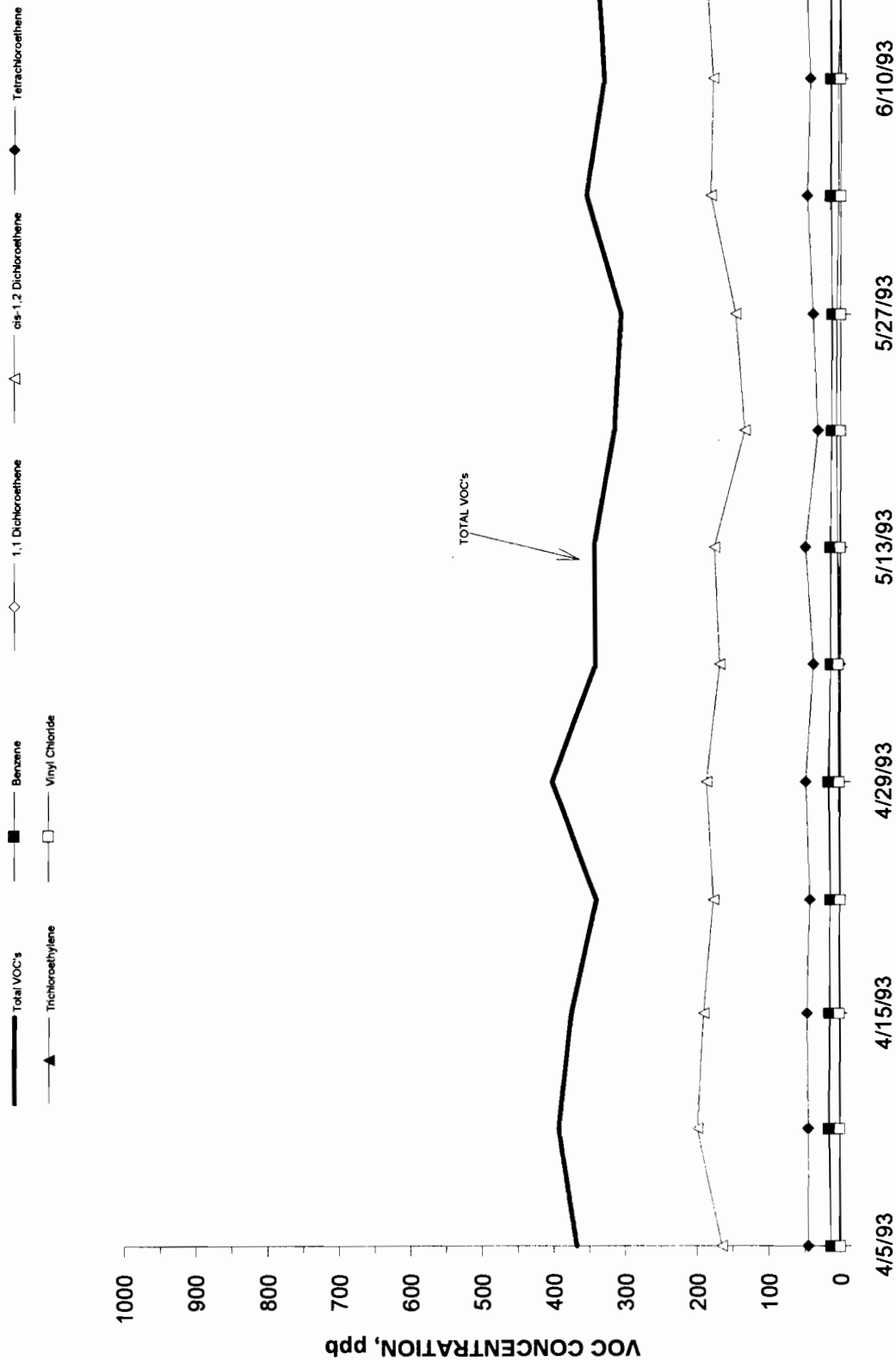


FIGURE 8

FIFTH OPERATIONAL QUARTER, 1993

TOWN OF OYSTER BAY GROUNDWATER TREATMENT FACILITY

TEMPORAL VARIATION IN VOC CONCENTRATIONS AT PRODUCTION WELL No. 3



FIFTH OPERATIONAL QUARTER, 1993

TOWN OF OYSTER BAY GROUNDWATER TREATMENT FACILITY

FIGURE 9

TEMPORAL VARIATION IN VOC CONCENTRATIONS AT PRODUCTION WELL No. 4

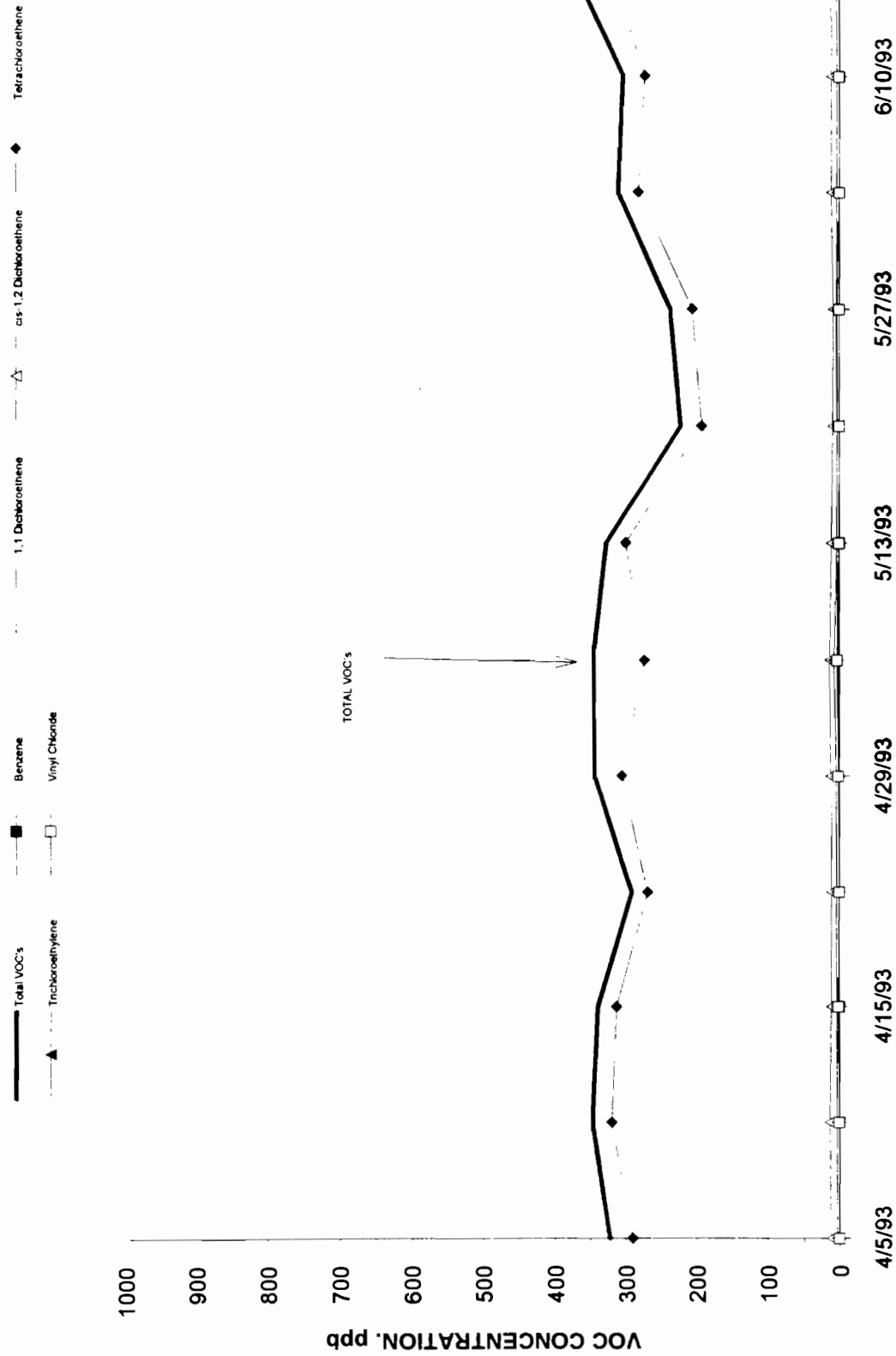
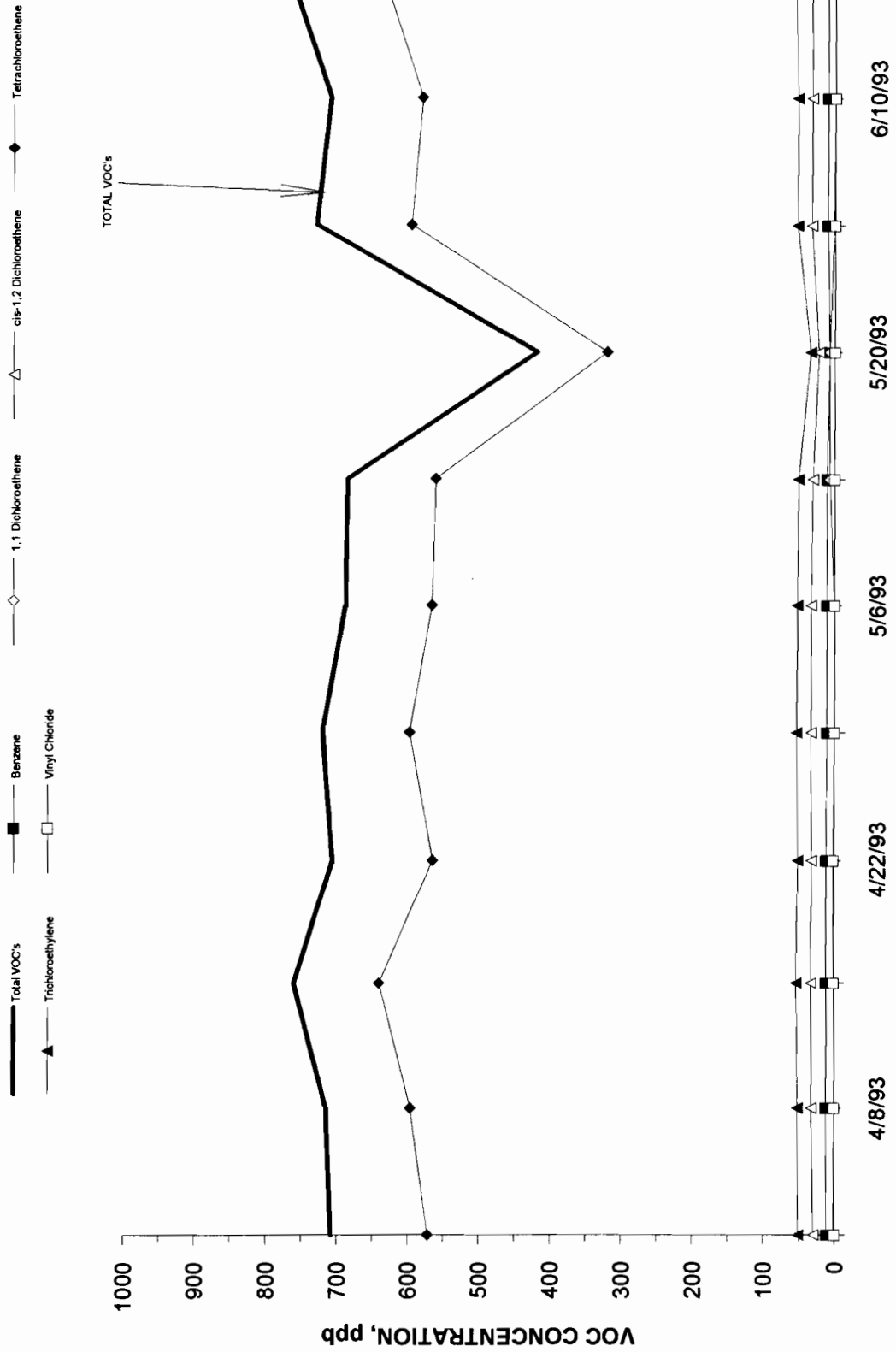


FIGURE 10

FIFTH OPERATIONAL QUARTER, 1993

TOWN OF OYSTER BAY GROUNDWATER TREATMENT FACILITY

TEMPORAL VARIATION IN VOC CONCENTRATIONS AT PRODUCTION WELL No. 5



FIFTH OPERATIONAL QUARTER, 1993

TOWN OF OYSTER BAY GROUNDWATER TREATMENT FACILITY

FIGURE 11

Recovery Wells, RW-4 and 5. Geographically, the Claremont Polychemical facility is closest to Recovery Well No. 5, the distance increasing to Recovery Well No. 4, No. 3, etc., and the recorded concentration levels of tetrachloroethene decline with increasing distance from the site. This relationship is illustrated in Figure 12.

Representatives of the various regulatory agencies and other interested parties have been alerted to this phenomena. However, additional hydrogeological study is required to establish what, if any, link may exist between elevated VOC levels in certain recovery wells and the Claremont Polychemical facility.

5.2 Recommendations

5.2.1 Groundwater Treatment Facility

Certain enhancements performed to the facility control system during the preceding quarter helped to increase on-line performance significantly. Continued quantitative maintenance and facility improvements will be implemented as required.

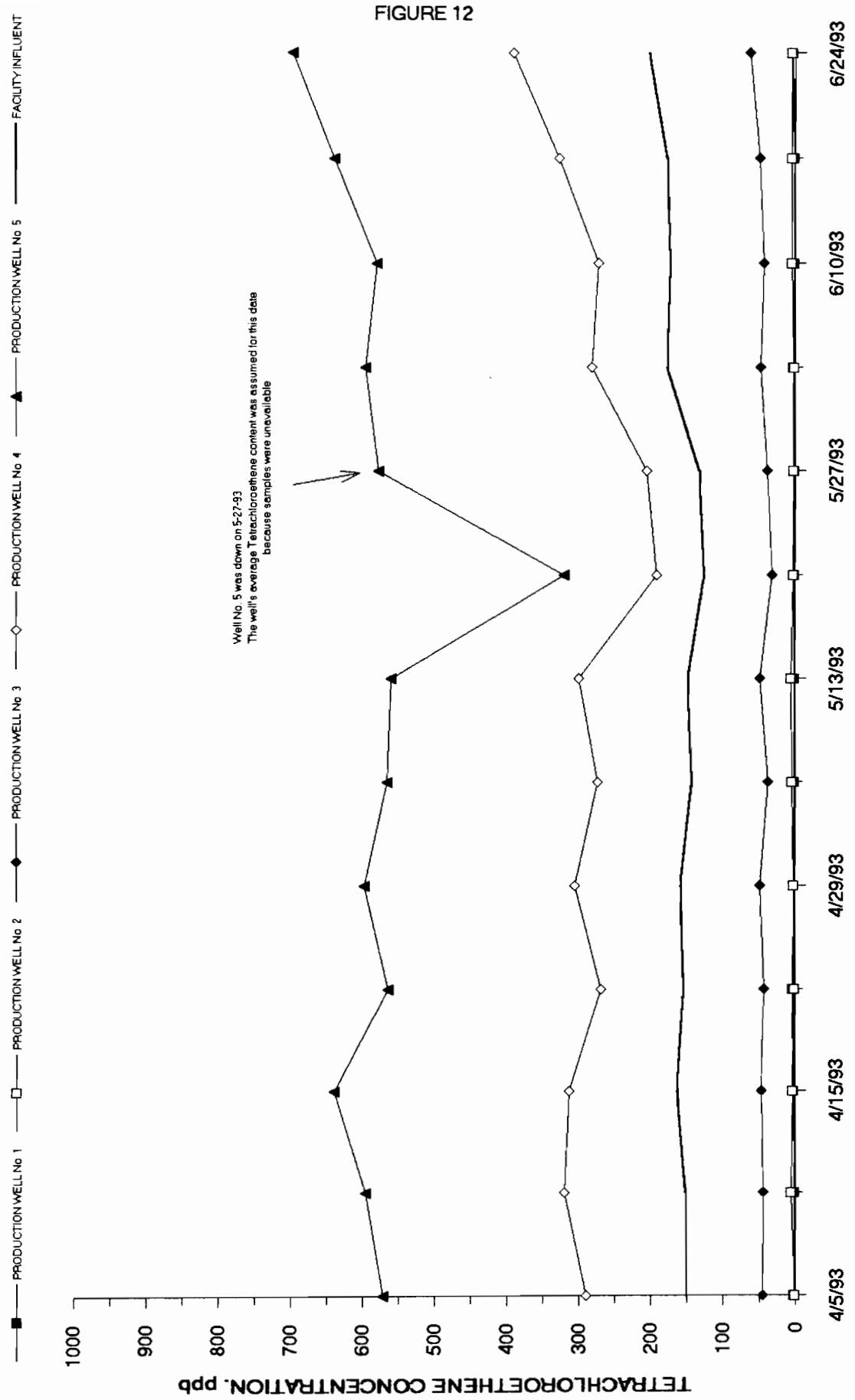
Under the current operating conditions, the analytical results complied during this quarter do not support the need for additional groundwater or air stripper exhaust treatment units at this time.

In addition to maintaining and enhancing the facility operation as previously discussed, the Town will continue the GTF monitoring programs put into place since startup. This data, collected from a variety of sources, will form the basis for future facility improvements or adjustments, as required.

5.2.2 Recommendations - Groundwater Monitoring Program

Data presented in Appendix G - Figures 1 to 9 indicates that the actual average facility flow during the fourth quarter (1.42 MGD) is sufficient to maintain hydraulic control over the full extent of the VOC plume. In addition, except for tetrachloroethene detected in a limited number of monitoring wells (which appears to be from sources other than the landfill), concentrations of VOC's detected in the

TEMPORAL VARIATION IN WELLFIELD TETRACHLOROETHENE CONCENTRATIONS



FIFTH OPERATIONAL QUARTER, 1993

TOWN OF OYSTER BAY GROUNDWATER TREATMENT FACILITY

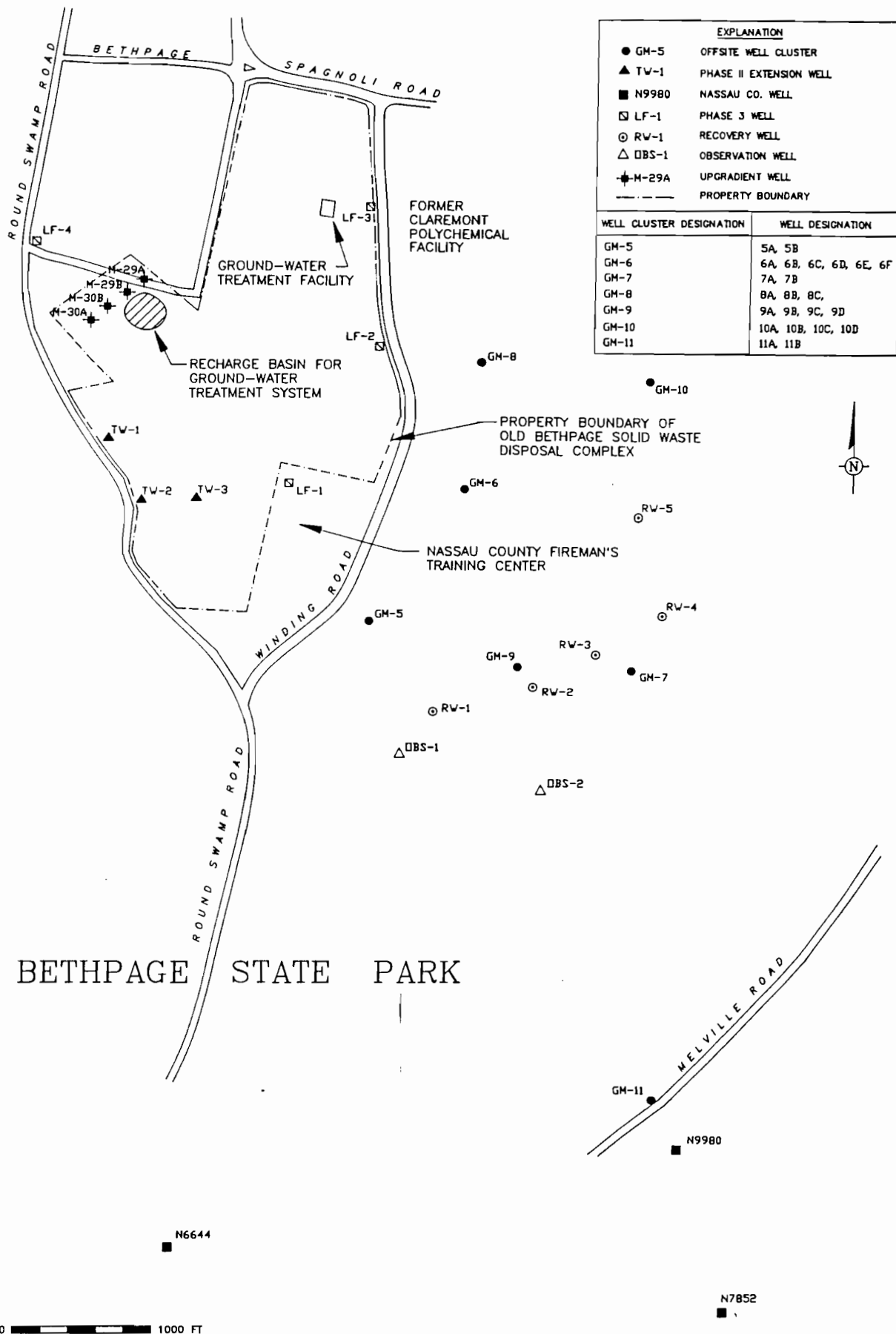
April 1993 sampling round, and in previous sampling rounds, has decreased since the July/August 1991 baseline sampling round. Therefore, modification to the system pumpage is not required at this time and the recovery wells can continue to be pumped at their current rate.

Some reduction in flow from the recovery wellfield may be possible without compromising hydraulic control of the VOC plume. Flow reduction may be accomplished by throttling flow from the wellfield or selective wells, taking one or more wells out of operation for some period of time or a combination of these techniques. Although some cost savings can be realized if flow reduction is implemented, the real benefit is in reducing the hydraulic loading on the facility recharge basin. To determine the minimum wellfield pumpage required to maintain proper containment, the flow time can be reduced incrementally (10 percent), and the frequency of hydraulic monitoring increased to weekly until a new capture zone is established.

Based upon the present demonstrated hydraulic control over the VOC plume regardless of the variations in total system flows and seasonal groundwater recharge, the frequency of hydraulic monitoring can be reduced from monthly to quarterly. Any reduction in testing frequency specified in the Consent Decree will require the concurrence of the regulatory agencies. The quarterly groundwater sampling program should be continued without change.

As discussed previously, certain production wells have shown unusual amounts of tetrachloroethene, a chemical not historically associated with OBSWDC, but one of the primary chemical parameters associated with the Claremont Polychemical facility. Groundwater flow direction and chemical analyses indicate that this site may be a contributor of contamination around these wells. Additional data is required to establish that relationship, if one exists, and to develop an effective contaminant/treatment strategy. Another study of the phenomenon will require the installation of additional monitoring wells between the Claremont Polychemical facility and the wellfield, and sampling of existing wells in and around the Claremont Polychemical facility. Furthermore, since well No. 9a was found to be damaged, that well should be repaired or replaced to allow water levels to be monitored at that location.

APPENDIX A
LOCATION PLAN



APPENDIX B

DAILY OPERATIONS REPORTS
April 1 through June 30, 1993

Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report

Daily Operations Report



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

NIGHT
SHIFT

Apr 1 1993

Well Field Operation (GPM)						Air Stripper Operation					
Well 1	Well 2	Well 3	Well 4	Well 5	Flow	Stripper Flow	Pressure Flow	Blower Flow	Air Flow	Effluent Flow	Op Init
0	0	0	0	0	0	0	0	0	0	0	DL
0	0	0	0	0	0	0	0	0	0	0	PD
0	0	0	0	0	0	0	0	0	0	0	DL
0	0	0	0	0	0	0	0	0	0	0	PD
0	0	0	0	0	0	0	0	0	0	0	DL
0	0	0	0	0	0	0	0	0	0	0	PD
0	0	0	0	0	0	0	0	0	0	0	DL
0	0	0	0	0	0	0	0	0	0	0	PD
0	0	0	0	0	0	0	0	0	0	0	DL
0	0	0	0	0	0	0	0	0	0	0	PD

AVG.: 0 0 0 0 0 0 0 0 0 0 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

PLANT DOWN WELLS IN STATE PARK WILL NOT START.



Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report

Daily Operations Report



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

**DAY
SHIFT**

Date: **Apr 1 1993**

Well Field Operation (GPM)					Air Stripper Operation				
Well 1	Well 2	Well 3	Well 4	Well 5	Flow	Stripper Pressure	Blower Air Flow	Effluent Flow	Op Init
0	0	0	0	0	0	0	0	0	ODC
0	0	0	0	0	0	0	0	0	PD
0	0	0	0	0	0	0	0	0	DC
0	0	0	0	0	0	0	0	0	PD
0	0	0	0	0	0	0	0	0	DC
0	0	0	0	0	0	0	0	0	PD
0	0	0	0	0	0	0	0	0	DC
0	0	0	0	0	0	0	0	0	PD
0	0	0	0	0	0	0	0	0	DC
0	0	0	0	0	0	0	0	0	PD

AVG.: 0 0 0 0 0 0 0 0 0 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

PLANT DOWN PUMPS WILL NOT START.

LINK

Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report

Daily Operations Report



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

**EVENING
SHIFT**

Apr 1 1993

Well Field Operation (GPM)										Air Stripper Operation			
Well	Well	Well	Well	Well	System	Stripper	Pressure	Blower	Air	Effluent	Op		
1	2	3	4	5	Flow	Flow	Filtr Flow	Air Flow	Pres	Flow	Init		
3 PM: 0	0	0	0	0	0	0	0	0	0	0	BS		
4 PM: 0	0	0	0	0	0	0	0	0	0	0	AC		
5 PM: 0	0	0	0	0	0	0	0	0	0	0	BS		
6 PM: 0	0	0	0	0	0	0	0	0	0	0	AC		
7 PM: 200	248	201	204	200	993	1036	1090	9813.4	0	0.048	BS		
8 PM: 199	252	199	208	200	1000	1024	1085	10166.4	0	0.111	AC		
9 PM: 200	259	197	212	200	1009	1016	1077	10166.4	0	0.175	BS		
10 PM: 200	262	197	216	200	1014	1015	1070	9813.4	0	0.24	AC		

AVG.: 99.9 128 99.3 105 100 502 511.38 540.25 4995 0

**Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.**

Operator remarks:

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Daily Operations Report



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

NIGHT SHIFT

Apr	2	1993

Well Field Operation (GPM)	Air Stripper Operation
100	100
200	200
300	300
400	400
500	500
600	600
700	700
800	800
900	900
1000	1000
1100	1100
1200	1200
1300	1300
1400	1400
1500	1500
1600	1600
1700	1700
1800	1800
1900	1900
2000	2000
2100	2100
2200	2200
2300	2300
2400	2400
2500	2500
2600	2600
2700	2700
2800	2800
2900	2900
3000	3000
3100	3100
3200	3200
3300	3300
3400	3400
3500	3500
3600	3600
3700	3700
3800	3800
3900	3900
4000	4000
4100	4100
4200	4200
4300	4300
4400	4400
4500	4500
4600	4600
4700	4700
4800	4800
4900	4900
5000	5000
5100	5100
5200	5200
5300	5300
5400	5400
5500	5500
5600	5600
5700	5700
5800	5800
5900	5900
6000	6000
6100	6100
6200	6200
6300	6300
6400	6400
6500	6500
6600	6600
6700	6700
6800	6800
6900	6900
7000	7000
7100	7100
7200	7200
7300	7300
7400	7400
7500	7500
7600	7600
7700	7700
7800	7800
7900	7900
8000	8000
8100	8100
8200	8200
8300	8300
8400	8400
8500	8500
8600	8600
8700	8700
8800	8800
8900	8900
9000	9000
9100	9100
9200	9200
9300	9300
9400	9400
9500	9500
9600	9600
9700	9700
9800	9800
9900	9900
10000	10000

	Well 1	Well 2	Well 3	Well 4	Well 5	System Flow	Stripper Flow	Pressure Filtr Flow	Blower Air Flow	Air Pres	Effluent Flow	Op Init
11 PM:	0	0	0	0	0	0	0	0	0	0	0	DL
Midnite	0	0	0	0	0	0	0	0	0	0	0	PD
1 AM:	0	0	0	0	0	0	0	0	0	0	0	DL
2 AM:	0	0	0	0	0	0	0	0	0	0	0	PD
3 AM:	200	252	200	206	200	1000	1043	1094	9389.8	0	0.024	DL
4 AM:	199	257	202	212	200	1006	1027	1086	9389.8	0	0.092	PD
5 AM:	198	261	200	216	200	1015	1023	1081	9813.4	0	0.154	DL
6 AM:	197	244	203	216	200	1015	1018	1075	9389.8	0	0.222	PD
AVG.:	99.3	127	101	106	100	504.5	513.88	542	4747.9	0		

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons). Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

PLANT DOWN DUE TO LIGHTNING STORM. PLANT ON LINE AT 02:18 HRS.



Daily Operations Report



DAY	SHIFT
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30
31	31

1993

Apr	2

100

100

1

8

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Air Stripper Operation

Well Field Operation (GPM)

	Well 1	Well 2	Well 3	Well 4	Well 5	System Flow	Stripper Flow	Pressure Flow	Blower Air Flow	Air Pres	Effluent Flow	Op Init
7 AM:	198	259	200	216	200	1018	1019	1067	9389.8	0	0.283	KN
8 AM:	198	263	196	217	200	1022	1020	1066	9813.4	0	0.021	AC
9 AM:	200	262	197	218	200	1024	1020	1064	10166.4	0	0.084	KN
10 AM:	197	263	195	216	200	1017	1020	1083	9813.4	0	0.142	AC
11 AM:	200	260	198	217	200	1023	1021	1077	9813.4	0	0.206	KN
Noon:	200	260	200	217	199	1022	1019	1072	9813.4	0	0.276	AC
1 PM:	196	264	203	216	200	1023	1021	1069	10166.4	0	0.333	KN
2 PM:	200	263	196	216	200	1019	1021	1063	10166.4	0	0.396	AC

AVG.:

191

9

262

19

8

217

2

00

102

21

102

0.1

107

10.1

98

32.8

0

F

1

7

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons). Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report

Daily Operations Report



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

EVENING
SHIFT

Apr 2 1993

Well Field Operation (GPM)										Air Stripper Operation				
Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Stripper Pressure	Blower Air	Effluent Flow	Init	Op
1	2	3	4	5	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow
3 PM: 197	260	200	216	198	1014	1020	1065	10166.4	0	0.46	BS			
4 PM: 200	260	201	216	201	1023	1021	1061	10166.4	0	0.062	AC			
5 PM: 197	264	201	217	199	1023	1021	1084	10166.4	0	0.12	BS			
6 PM: 201	264	204	216	198	1025	1021	1078	10166.4	0	0.182	AC			
7 PM: 200	262	200	216	199	1023	1022	1073	10590	0	0.247	BS			
8 PM: 199	264	196	217	200	1020	1021	1070	10590	0	0.31	AC			
9 PM: 200	264	195	217	200	1023	1020	1064	10590	0	0.377	BS			
10 PM: 200	263	201	217	198	1019	1020	1062	10590	0	0.444	AC			
AVG.:										1020.8	1069.6	10378	0	

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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Daily Operations Report



**TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT**

NIGHT SHIFT

1993

Apr	3

1993

Well Field Operation (GPM)

	Well 1	Well 2	Well 3	Well 4	Well 5	System Flow	Stripper Flow	Pressure Filtr Flow	Blower Air Flow	Air Pres	Effluent Flow	Op Init
11 PM:	196	264	204	216	195	1020	1022	1065	10590	0	0.502	BS
Midnite	195	264	202	216	199	1023	1022	1064	10166.4	0	0.061	TF
1 AM:	200	263	196	216	200	1020	1022	1061	10166.4	0	0.124	BS
2 AM:	202	263	197	216	200	1020	1022	1061	10166.4	0	0.187	TF
3 AM:	200	264	200	216	200	1023	1022	1062	10590	0	0.25	BS
4 AM:	202	263	200	217	200	1024	1021	1061	10590	0	0.317	TF
5 AM:	201	262	193	216	200	1020	1020	1059	10590	0	0.372	BS
6 AM:	199	264	202	216	200	1025	1022	1060	10590	0	0.44	TF

Air Stripper Operation

Stripper Pressure Flow	Pressure Filtr Flow	Blower Air Flow	Air Pres	Effluent Flow	Op Init
1022	1065	10590	0	0.502	BS
1022	1064	10166.4	0	0.061	TF
1022	1061	10166.4	0	0.124	BS
1022	1061	10166.4	0	0.187	TF
1022	1062	10590	0	0.25	BS
1021	1061	10590	0	0.317	TF
1020	1059	10590	0	0.372	BS
1022	1060	10590	0	0.44	TF

AVG.:	199	263	199	216	199	1022

1021.6	1061.6	10431	0

0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).

Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report

Daily Operations Report



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
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DAY
SHIFT

Apr 3 1993

Well Field Operation (GPM) Air Stripper Operation

	Well Field Operation (GPM)					Air Stripper Operation				
	Well 1	Well 2	Well 3	Well 4	Well 5	Flow	Stripper Pressure	Blower Air Flow	Effluent Flow	Op Init
7 AM:	200	264	197	216	200	1024	1021	1060	10590	0 0.505
8 AM:	200	264	204	216	198	1023	1020	1082	10590	0 0.057
9 AM:	196	256	201	216	200	1017	1020	1075	10166.4	0 0.121
10 AM:	200	264	202	216	200	1018	1019	1069	10590	0 0.183
11 AM:	200	264	200	217	198	1022	1020	1069	10166.4	0 0.244
Noon:	199	260	202	216	199	1025	1022	1067	10166.4	0 0.31
1 PM:	197	264	203	217	200	1023	1022	1065	10943	0 0.372
2 PM:	200	264	199	216	200	1024	1021	1061	10166.4	0 0.441

AVG.: 199 263 201 216 199 1022 1020.6 1068.5 10422 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report

Daily Operations Report



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

EVENING
SHIFT

Apr 3 1993

Well Field Operation (GPM)										Air Stripper Operation				
Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Stripper Pressure	Blower Air	Effluent Flow	Op	Init
1	2	3	4	5	6	7	8	9	10	Flow	Filtr Flow	Pres	Flow	Flow
3 PM: 200	264	197	216	200	1024	1021	1060	10590	0	0.501	KN			
4 PM: 198	264	201	217	196	1019	1021	1081	10166.4	0	0.056	FC			
5 PM: 200	260	197	216	200	1028	1021	1076	10166.4	0	0.12	KN			
6 PM: 202	261	196	216	200	1022	1022	1071	10166.4	0	0.185	FC			
7 PM: 201	264	202	216	200	1024	1020	1068	10590	0	0.249	KN			
8 PM: 196	264	198	217	200	1026	1022	1064	10166.4	0	0.31	FC			
9 PM: 198	260	201	215	195	1022	1052	1090	10166.4	0	0.365	KN			
10 PM: 201	261	199	216	198	1021	1039	1086	10590	0	0.428	FC			
AVG.:										1027.3	1074.5	10325	0	

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report

Daily Operations Report



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

**NIGHT
SHIFT**

Apr 4 1993

Well Field Operation (GPM)					Air Stripper Operation				
Well	Well	Well	Well	Well	Stripper Pressure	Blower	Air	Effluent	Op
1	2	3	4	5	Flow	Filtr Flow	Air Flow	Pres	Flow
11 PM: 202	264	198	216	200	1024	1033	1082	10590	0 0.492
Midnite 202	263	197	216	200	1025	1030	1080	10166.4	0 0.062
1 AM: 196	264	200	216	200	1020	1025	1077	10166.4	0 0.126
2 AM: 196	260	202	216	200	1021	1024	1071	10166.4	0 0.19
3 AM: 196	260	202	216	200	1021	1024	1071	10166.4	0 0.19
4 AM: 196	254	196	219	199	1022	1025	1069	10166.4	0 0.256
5 AM: 200	261	197	217	199	1019	1022	1065	9389.8	0 0.319
6 AM: 198	264	203	216	195	1017	1022	1064	9389.8	0 0.385
AVG.:						1025.6	1072.4	10025	0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

DAYLIGHT SAVINGS TIME BEGINS AT 14:00 HRS. CLOCK TURNED AHEAD ONE HOUR.



Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report

Daily Operations Report



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

DAY
SHIFT

Apr 4 1993

Well Field Operation (GPM)						Air Stripper Operation					
Well	Well	Well	Well	Well	Well	Stripper Pressure	Blower	Air	Effluent	Op	
1	2	3	4	5	Flow	Flow	Filtr Flow	Air Flow	Pres	Flow	Init
7 AM: 198	263	199	217	200	1020	1022	1065	10590	0	0.445	KN
8 AM: 197	264	196	216	199	1020	1021	1062	10590	0	0.063	FC
9 AM: 200	264	196	216	200	1022	1020	1062	10166.4	0	0.128	KN
10 AM: 200	262	201	216	200	1018	1020	1061	10590	0	0.193	FC
11 AM: 195	264	200	217	200	1013	1021	1060	10166.4	0	0.253	KN
Noon: 200	263	197	218	199	1020	1022	1060	10590	0	0.315	FC
1 PM: 200	264	204	217	200	1022	1022	1057	10166.4	0	0.381	KN
2 PM: 197	263	201	217	200	1024	1022	1060	10590	0	0.441	FC

AVG.: 198	263	199	217	200	1020	1021.3	1060.9	10431	0	

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

0



Daily Operations Report



EVENING SHIFT

Apr 4 1993

1993

1

Well Field Operation (GPM)	Air Stripper Operation
1000	1000
2000	2000
3000	3000
4000	4000
5000	5000
6000	6000
7000	7000
8000	8000
9000	9000
10000	10000

	Well 1		Well 2		Well 3		Well 4		Well 5		System Flow		Stripper Flow		Pressure Flow		Blower Air Flow		Effluent Flow		Op Init	
	1	2	3	4	5	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow
3 PM:	201	257	203	216	200	1020	1020					1022	1060	10166.4	0	0.503						KN
4 PM:	199	264	195	216	201	1019	1019					1022	1060	10590	0	0.063						AC
5 PM:	197	265	194	217	200	1016	1016					1021	1060	10166.4	0	0.124						KN
6 PM:	200	264	194	217	200	1019	1019					1022	1060	10166.4	0	0.186						AC
7 PM:	200	261	204	216	200	1022	1022					1021	1059	10590	0	0.249						KN
8 PM:	197	264	203	216	200	1022	1022					1020	1068	10166.4	0	0.313						AC
9 PM:	200	264	204	216	200	1023	1023					1022	1086	10166.4	0	0.374						KN
10 PM:	200	264	194	217	200	1019	1019					1021	1080	9813.4	0	0.439						AC

199	263	199	216	200	1020	1021.4	1066.6	10228	0
AVG.:									

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons). Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report

Daily Operations Report



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

NIGHT
SHIFT

1993

Apr 5

Well Field Operation (GPM)								Air Stripper Operation				
Well 1	Well 2	Well 3	Well 4	Well 5	System Flow	Stripper Pressure Flow	Blower Air Flow	Effluent Flow	Op Init			
11 PM:	197	264	203	217	200	1020	1023	1077	9389.8	0	0.505	DL
Midnite	198	264	196	217	200	1017	1022	1072	10166.4	0	0.061	TF
1 AM:	202	263	194	217	200	1020	1021	1068	10590	0	0.124	DL
2 AM:	198	264	202	217	200	1021	1022	1085	10166.4	0	0.183	TF
3 AM:	196	264	203	218	198	1019	1022	1077	9389.8	0	0.245	DL
4 AM:	195	264	201	216	200	1013	1020	1073	9389.8	0	0.315	TF
5 AM:	200	264	193	216	199	1019	1022	1071	10166.4	0	0.377	DL
6 AM:	201	264	196	217	200	1015	1022	1068	9813.4	0	0.441	TF
AVG.:	198	264	199	217	200	1018	1021.8	1073.9	9884	0		

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report

Daily Operations Report



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DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

DAY
SHIFT

Apr 5 1993

Well Field Operation (GPM)										Air Stripper Operation			
Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Stripper Pressure Flow	Blower Air Flow	Effluent Pres Flow	Op Init
1	2	3	4	5	6	7	8	9	10	11	12	13	14
201	263	198	217	198	1022	1020	1062	10166.4	0	0.502	TF		
201	264	195	216	201	1018	1021	1063	10166.4	0	0.062	MA		
200	264	195	216	200	1016	1021	1081	9813.4	0	0.122	TF		
199	264	196	218	200	1025	1020	1075	9389.8	0	0.18	MA		
201	264	197	217	200	1023	1022	1072	9389.8	0	0.242	TF		
196	264	202	216	200	1025	1022	1068	9813.4	0	0.314	MA		
198	263	200	217	200	1026	1022	1065	9813.4	0	0.371	TF		
200	264	198	217	200	1028	1018	1065	9813.4	0	0.433	MA		

AVG.: 200 264 198 217 200 1023 1020.8 1068.9 9795.8 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report

Daily Operations Report



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

**EVENING
SHIFT**

Apr 5 1993

Well Field Operation (GPM)										Air Stripper Operation				
Well	Well	Well	Well	Well	Well	System	Stripper	Pressure	Blower	Air	Effluent	Op		
1	2	3	4	5	5	Flow	Flow	Filtr	Flow	Flow	Flow	Init		
3 PM:	199	264	200	216	201	1026	1022	1064	9813.4	0	0.497	BS		
4 PM:	200	263	196	217	200	1025	1021	1062	9389.8	0	0.061	AC		
5 PM:	200	264	196	217	194	1019	1022	1062	9389.8	0	0.122	BS		
6 PM:	200	264	203	216	200	1025	1021	1076	9813.4	0	0.184	AC		
7 PM:	201	264	194	218	198	1020	1022	1075	9813.4	0	0.246	BS		
8 PM:	200	264	195	216	200	1019	1022	1072	9813.4	0	0.309	AC		
9 PM:	200	264	204	216	199	1025	1020	1068	9813.4	0	0.375	BS		
10 PM:	196	264	202	217	200	1019	1022	1066	9813.4	0	0.438	AC		

AVG.:	200	264	199	217	199	1022	1021.5	1068.1	9707.5	0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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Daily Operations Report



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

NIGHT SHIFT

Apr	6	1993

Well Field Operation (GPM)

	Well 1	Well 2	Well 3	Well 4	Well 5	Well System Flow	Stripper Flow	Pressure Flow	Blower Air Flow	Air Pres	Effluent Flow	Op Init
11 PM:	201	264	196	219	200	1021	1021	1064	10166.4	0	0.501	DL
Midnite	196	265	196	216	200	1026	1022	682	10166.4	0	0.059	TF
1 AM:	199	264	195	217	199	1020	1021	1080	9813.4	0	0.12	DL
2 AM:	201	264	197	217	201	1020	1021	1074	10166.4	0	0.183	TF
3 AM:	199	264	198	216	201	1018	1021	1068	10166.4	0	0.245	DL
4 AM:	199	264	195	216	200	1023	1020	1067	10166.4	0	0.316	TF
5 AM:	197	267	196	217	200	1020	1020	1065	9389.8	0	0.377	DL
6 AM:	196	265	200	216	198	1015	1021	1063	9389.8	0	0.437	TF

Air Stripper Operation

Stripper Flow	Pressure Flow	Blower Air Flow	Air Pres	Effluent Flow	Op Init
1021	1064	10166.4	0	0.501	DL
1022	682	10166.4	0	0.059	TF
1021	1080	9813.4	0	0.12	DL
1021	1074	10166.4	0	0.183	TF
1021	1068	10166.4	0	0.245	DL
1020	1067	10166.4	0	0.316	TF
1020	1065	9389.8	0	0.377	DL
1021	1063	9389.8	0	0.437	TF

AVG.:

199	265	197	217	200	1020
199	265	197	217	200	1020
AVG.:					1020.9
AVG.:					1020.4
					0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons). Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report

Daily Operations Report



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

DAY
SHIFT

Apr 6 1993

Well Field Operation (GPM)						Air Stripper Operation					
Well	Well	Well	Well	Well	System	Flow	Stripper Pressure	Blower	Air	Effluent	Op
1	2	3	4	5	Flow		Flow	Filtr Flow	Air Flow	Pres	Flow
7 AM: 198	264	204	216	200	1017	1021	1081	10166.4	0	0.498	TF
8 AM: 196	264	197	217	200	1024	1020	1076	10166.4	0	0.06	MA
9 AM: 201	264	196	217	200	1023	1020	1069	9813.4	0	0.122	TF
10 AM: 202	265	195	216	201	1018	1021	1067	10166.4	0	0.185	MA
11 AM: 202	262	200	217	198	1019	1021	1062	10166.4	0	0.25	TF
Noon: 202	264	198	217	200	1018	1021	1064	10166.4	0	0.314	MA
1 PM: 195	264	200	217	200	1026	1022	1062	10166.4	0	0.376	TF
2 PM: 203	264	194	218	200	1021	1019	1061	10166.4	0	0.439	MA
AVG.:						1020.6	1067.8	10122	0		

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report

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TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

**EVENING
SHIFT**

Apr 6 1993

Well Field Operation (GPM)										Air Stripper Operation				
Well	Well	Well	Well	Well	Well	System	Stripper	Flow	Flow	Pressure	Blower	Air	Effluent	Op
1	2	3	4	5	Flow		Flow	Filtr	Flow	Air	Flow	Pres	Flow	Init
3 PM:	201	265	199	216	200	1014	1020	1085	9813.4	0	0.498	BS		
4 PM:	200	264	203	217	199	1015	1020	1078	9389.8	0	0.063	AC		
5 PM:	200	265	201	218	200	1020	1022	1073	9389.8	0	0.127	BS		
6 PM:	195	264	203	217	198	1015	1020	1070	9389.8	0	0.19	AC		
7 PM:	200	264	202	216	201	1023	1020	1062	9813.4	0	0.253	BS		
8 PM:	200	264	200	216	198	1024	1020	1064	9813.4	0	0.318	AC		
9 PM:	200	264	200	217	200	1024	1021	1084	9389.8	0	0.38	BS		
10 PM:	197	264	202	217	200	1021	1021	1080	9813.4	0	0.442	AC		
AVG.:	199	264	201	217	200	1020	1020.5	1074.5	9601.6	0				

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

BOTH A.S PUMPS SHUTTING OFF TOGETHER. SAME PROBLEM WITH P.F. PUMPS. #1 A/S PUMP OUT FOR REPAIRS



Daily Operations Report



NIGHT SHIFT

1993

Apr	7

1993

Well Field Operation (GPM)	Air Stripper Operation
1000	1000
2000	2000
3000	3000
4000	4000
5000	5000
6000	6000
7000	7000
8000	8000
9000	9000
10000	10000

	Well 1		Well 2		Well 3		Well 4		Well 5		Stripper System		Pressure Flow		Blower Air Pres		Effluent Flow		Op Init	
11 PM:	198	264	204	215	196	1016	1020	1074	10166.4	0	0.505	DL								
Midnite	200	264	196	216	198	1023	1021	1070	10943	0	0.067	PD								
1 AM:	201	264	196	218	200	1021	1020	1066	10943	0	0.13	DL								
2 AM:	199	264	202	216	196	1023	1020	1062	10590	0	0.196	PD								
3 AM:	200	264	200	216	200	1014	1020	1063	10590	0	0.256	DL								
4 AM:	200	264	196	217	200	1021	1020	1076	10590	0	0.314	PD								
5 AM:	196	264	197	216	200	1020	1020	1074	10590	0	0.377	DL								
6 AM:	200	264	200	216	200	1022	1020	1071	10590	0	0.442	PD								

199	264	199	216	199	1020	1020.1	1069.5	10625	0
AVG.:									

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons). Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report

Daily Operations Report



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

DAY
SHIFT

1993

Apr 7

Well Field Operation (GPM)										Air Stripper Operation					Op Init
Well 1	Well 2	Well 3	Well 4	Well 5	Well System	Flow	Stripper Pressure	Blower Air Flow	Pres	Air Flow	Effluent Flow				
7 AM:	200	264	199	216	200	1022	1019	1066	10590	0	0.505	TF			
8 AM:	201	265	196	217	200	1018	1020	1064	10166.4	0	0.06	MA			
9 AM:	201	264	198	216	200	1022	1020	1062	10166.4	0	0.122	TF			
10 AM:	200	264	196	217	200	1017	1020	1061	10166.4	0	0.19	MA			
11 AM:	198	264	200	216	200	1013	1021	1060	10590	0	0.251	TF			
Noon:	200	265	198	217	196	1024	1020	1060	10590	0	0.314	MA			
1 PM:	200	264	196	216	200	1016	1020	1085	10590	0	0.373	TF			
2 PM:	196	265	195	216	200	1016	1019	1078	10590	0	0.437	MA			
AVG.:	200	264	197	216	200	1019	1019.9	1067	10431	0					

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report

Daily Operations Report



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

**EVENING
SHIFT**

Apr 7 1993

Well Field Operation (GPM)										Air Stripper Operation				
Well	Well	Well	Well	Well	Well	System	Flow	Strripper	Flow	Pressure	Blower	Air	Effluent	Op
1	2	3	4	5	Flow			Flow	Filtr	Flow	Air	Flow	Flow	Init
3 PM: 198	265	201	216	198	1016		1021	1072	10590	0	0.5	BS		
4 PM: 200	266	197	216	200	1016		1021	1070	10166.4	0	0.063	AC		
5 PM: 200	264	196	217	200	1021		1020	1065	10166.4	0	0.126	BS		
6 PM: 201	264	197	216	200	1020		1019	1064	10590	0	0.188	AC		
7 PM: 200	264	196	216	200	1023		1021	1078	10166.4	0	0.25	BS		
8 PM: 200	266	193	217	200	1020		1020	1075	10590	0	0.313	AC		
9 PM: 201	265	202	216	200	1023		1021	1073	10166.4	0	0.376	BS		
10 PM: 199	264	202	216	200	1022		1022	1070	10166.4	0	0.439	AC		
AVG.:										1020.6	1070.9	10325	0	

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report

Daily Operations Report



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

**NIGHT
SHIFT**

18-01-00-11743 Apr 8 1993

Well Field Operation (GPM)										Air Stripper Operation				
Well	Well	Well	Well	Well	Well	System	Flow	Stripper Pressure	Blower	Air Flow	Pres	Air Flow	Effluent Flow	Op Init
1	2	3	4	5	6									
11 PM:	200	264	201	216	200	1019	1020	1066	9813.4	0	0.504	0	0.063	DL
Midnite	200	265	197	218	200	1018	1020	1064	10166.4	0	0.063	0	0.125	PD
1 AM:	201	265	200	216	198	1021	1020	1062	10166.4	0	0.125	0	0.186	DL
2 AM:	199	264	196	217	200	1021	1021	1083	10166.4	0	0.186	0	0.25	PD
3 AM:	196	265	202	216	198	1020	1021	1075	10166.4	0	0.25	0	0.316	DL
4 AM:	201	264	200	217	196	1021	1020	1072	10166.4	0	0.316	0	0.383	PD
5 AM:	200	246	197	216	198	1019	1919	1066	10166.4	0	0.383	0	0.442	DL
6 AM:	200	264	194	216	200	1022	1020	1063	9813.4	0	0.442	0		PD

AVG.: 200 262 198 217 199 1020 1132.6 1068.9 10078 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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URB

Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report

Daily Operations Report



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

DAY
SHIFT

Apr 8 1993

Well Field Operation (GPM) Air Stripper Operation

	Well Field Operation (GPM)					Air Stripper Operation				
	Well 1	Well 2	Well 3	Well 4	Well 5	System Flow	Stripper Pressure Flow	Blower Air Flow	Effluent Pres Flow	Op Init
7 AM:	199	266	196	216	202	1022	1020	1062	10166.4	0 0.504 MA
8 AM:	200	264	200	216	200	1019	1020	1062	10166.4	0 0.061 DC
9 AM:	199	263	202	216	199	1021	1019	1060	10166.4	0 0.126 MA
10 AM:	196	264	203	216	200	1023	1017	1058	10166.4	0 0.187 DC
11 AM:	200	264	196	216	200	1023	1019	1086	10166.4	0 0.24 MA
Noon:	200	264	197	217	200	1022	1020	1077	10166.4	0 0.308 DC
1 PM:	196	264	202	217	200	1018	1020	1067	10166.4	0 0.38 MA
2 PM:	200	264	196	218	200	1018	1021	1069	10166.4	0 0.438 DC

AVG.: 199 264 199 217 200 1021 1019.5 1067.6 10166 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report

Daily Operations Report



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

**EVENING
SHIFT**

APR 8 1993

Well Field Operation (GPM)										Air Stripper Operation			
Well	Well	Well	Well	Well	Well	System	Flow	Stripper Pressure	Blower	Air Flow	Effluent Flow	Op	Init
1	2	3	4	5	6	7	8	9	10	11	12	13	14
197	265	198	217	202	201	1015	1020	1065	10166.4	0	0.5	DL	DL
198	266	204	217	201	201	1021	1020	1064	10166.4	0	0.062	AC	AC
200	264	201	216	200	200	1019	1021	1062	10166.4	0	0.125	DL	DL
201	264	201	216	200	200	1022	1021	1082	9813.4	0	0.185	AC	AC
199	264	197	216	200	200	1019	1020	1075	9813.4	0	0.249	DL	DL
196	264	195	216	200	200	1017	1018	1066	10166.4	0	0.313	AC	AC
199	264	201	217	200	200	1023	1020	1065	10166.4	0	0.375	DL	DL
200	264	198	216	201	201	1019	1020	1064	10166.4	0	0.445	AC	AC
AVG.: 199 264 199 216 201 1019										1020 1067.9 10078 0			

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report

Daily Operations Report



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

NIGHT
SHIFT

Apr 9 1993

Well Field Operation (GPM)										Air Stripper Operation				
Well	Well	Well	Well	Well	Well	System	Flow	Filtr	Flow	Pressure	Blower	Air	Effluent	Op
1	2	3	4	5	Flow							Flow	Flow	Init
11 PM: 196	264	199	217	201	1013		1019	1063	10166.4	0	0.503	0	0.503	BS
Midnite: 201	265	198	216	200	1015		1020	1062	10166.4	0	0.061	0	0.061	PD
1 AM: 200	264	204	216	201	1023		1021	1078	10166.4	0	0.123	0	0.123	BS
2 AM: 196	264	203	216	200	1022		1019	1073	10166.4	0	0.186	0	0.186	PD
3 AM: 194	266	195	218	200	1018		1020	1068	9813.4	0	0.249	0	0.249	BS
4 AM: 200	264	199	217	200	1021		1020	1062	9813.4	0	0.317	0	0.317	PD
5 AM: 200	264	200	216	200	1022		1018	1062	9813.4	0	0.379	0	0.379	BS
6 AM: 200	264	202	216	200	1021		1018	1061	9389.8	0	0.44	0	0.44	PD
AVG.:							1019.4	1066.1	9937	0				

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:
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LUB

Daily Operations Report



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

DAY	SHIFT
1	1
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6	6
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9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30
31	31

1993

Apr	9

1993

Well Field Operation (GPM)

	Well 1	Well 2	Well 3	Well 4	Well 5	System Flow
7 AM:	201	264	203	216	200	1017
8 AM:	200	266	197	217	200	1022
9 AM:	200	264	199	216	200	1022
10 AM:	198	264	196	216	200	1021
11 AM:	197	264	200	218	200	1015
Noon:	200	265	203	218	198	1017
1 PM:	196	266	200	218	201	1020
2 PM:	200	264	198	216	198	1025

Air Stripper Operation

Stripper Flow	Pressure Flow	Blower Air Flow	Air Pres	Effluent Flow	Op Init
1018	1060	9813.4	0	0.502	KN
1019	1054	9813.4	0	0.066	FC
1019	1058	10590	0	0.125	MA
1019	1086	10590	0	0.186	KN
1020	1078	10943	0	0.247	FC
1021	1073	10590	0	0.314	MA
1020	1067	10166.4	0	0.378	KN
1021	1066	10166.4	0	0.439	FC

AVG.:

199	265	200	217	200	1020	1019.6	1067.8	10334	0
AVG.:									

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons). Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

C



Daily Operations Report



EVENING SHIFT

Apr	9	1993

Apr	9

1993

Well Field Operation (GPM)

	Well 1	Well 2	Well 3	Well 4	Well 5	System Flow	Stripper Flow	Pressure Filtr Flow	Blower Air Flow	Air Pres	Effluent Flow	Op Init
3 PM:	203	264	197	216	200	1022	1020	1064	10166.4	0	0.501	BS
4 PM:	198	265	201	216	201	1020	1020	1060	9813.4	0	0.059	AC
5 PM:	198	266	203	216	198	1022	1020	1056	10166.4	0	0.123	BS
6 PM:	202	264	194	216	197	1017	1021	1061	10166.4	0	0.188	AC
7 PM:	197	264	204	216	201	1023	1021	1085	9813.4	0	0.25	BS
8 PM:	198	264	201	216	200	1019	1020	1080	10166.4	0	0.312	AC
9 PM:	199	265	199	217	200	1019	1019	1072	9813.4	0	0.376	BS
10 PM:	199	264	202	216	199	1018	1020	1071	9813.4	0	0.439	AC

Air Stripper Operation

Stripper Flow	Pressure Flow	Blower Air Flow	Air Pres	Effluent Flow	Op Init
1020	1064	10166.4	0	0.501	BS
1020	1060	9813.4	0	0.059	AC
1020	1056	10166.4	0	0.123	BS
1021	1061	10166.4	0	0.188	AC
1021	1085	9813.4	0	0.25	BS
1020	1080	10166.4	0	0.312	AC
1019	1072	9813.4	0	0.376	BS
1020	1071	9813.4	0	0.439	AC

AVG.:

199	265	200	216	200	1020
AVG.:					
199	265	200	216	200	1020
1020.1	1068.6	9989.9	0		

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).

Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

C



Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report

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TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

NIGHT
SHIFT

Apr 10 1993

Well Field Operation (GPM)

	Well Field Operation (GPM)					Air Stripper Operation				
	Well 1	Well 2	Well 3	Well 4	Well 5	System Flow	Stripper Pressure Flow	Blower Air Flow	Effluent Pres Flow	Op Init
11 PM:	199	264	202	216	200	1025	1019	1068	9813.4	0 0.502
Midnite	200	264	196	216	200	1020	1019	1065	9813.4	0 0.062
1 AM:	199	266	201	217	199	1018	1021	1063	9389.8	0 0.125
2 AM:	198	265	202	216	200	1018	1020	1063	9813.4	0 0.187
3 AM:	200	264	195	216	201	1022	1020	1080	10166.4	0 0.25
4 AM:	202	264	196	217	200	1018	1020	1076	9389.8	0 0.312
5 AM:	197	264	201	217	200	1013	1020	1068	9813.4	0 0.375
6 AM:	201	265	202	216	199	1022	1020	1066	9813.4	0 0.438

AVG.: 200 265 199 216 200 1020 1019.9 1068.6 9751.6 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report

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TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
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DAY
SHIFT

Apr 10 1993

Well Field Operation (GPM)										Air Stripper Operation			
Well	Well	Well	Well	Well	Well	System	Stripper Pressure	Blower	Air Effluent	Flow	Pres	Flow	Op
1	2	3	4	5	Flow		Flow	Filtr Flow	Air Flow	Pres	Flow		Init
7 AM: 200	266	198	216	200	1014		1020	1063	10590	0	0.504		KN
8 AM: 196	264	200	216	201	1017		1020	1063	10590	0	0.062		FC
9 AM: 200	264	199	216	200	1022		1018	1060	10943	0	0.126		KN
10 AM: 197	265	200	216	200	1023		1020	1060	10590	0	0.192		FC
11 AM: 197	264	201	216	195	1015		1019	1060	10166.4	0	0.255		KN
Noon: 202	266	197	216	200	1018		1019	1086	10943	0	0.309		FC
1 PM: 200	265	197	217	199	1022		1020	1078	10590	0	0.378		KN
2 PM: 195	264	202	216	201	1018		1020	1073	10166.4	0	0.439		FC
AVG.:							1019.5	1067.9	10572	0			

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report

Daily Operations Report



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

EVENING
SHIFT

Report Period: Apr 10 1993

Well Field Operation (GPM)										Air Stripper Operation				
Well	Well	Well	Well	Well	Well	System	Flow	Strripper	Flow	Pressure	Blower	Air	Effluent	Op
1	2	3	4	5	Flow			Flow	Filtr	Flow	Air	Flow	Pres	Flow
3 PM: 201	264	200	217	200	1018		1022	1069	10590	0	0.503	KN		
4 PM: 198	265	196	217	200	1021		1019	1064	10590	0	0.06	FC		
5 PM: 200	264	196	216	200	1021		1020	1064	10166.4	0	0.121	KN		
6 PM: 200	266	193	217	200	1023		1020	1085	10590	0	0.181	FC		
7 PM: 201	264	196	216	196	1021		1020	1078	10943	0	0.248	KN		
8 PM: 197	264	197	216	200	1017		1020	1070	10590	0	0.309	FC		
9 PM: 199	265	194	216	201	1019		1019	1068	10943	0	0.375	KN		
10 PM: 196	264	196	216	200	1019		1021	1066	10590	0	0.436	FC		

AVG.: 199 265 196 216 200 1020 1020.1 1070.5 10625 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report

Daily Operations Report



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

**NIGHT
SHIFT**

Apr 11 1993

Well Field Operation (GPM)										Air Stripper Operation			
Well	Well	Well	Well	Well	Well	System	Stripper	Flow	Flow	Pressure	Blower	Air	Effluent Op
1	2	3	4	5	Flow		Flow	Filtr	Air	Flow	Pres	Flow	Init
11 PM:	201	265	196	216	200	1017	1020	1063	10590	0	0.499	0	BS
Midnite	198	264	203	216	200	1020	1021	1064	10166.4	0	0.061	0	TF
1 AM:	200	265	198	216	200	1023	1020	680	10590	0	0.121	0	BS
2 AM:	199	264	204	216	200	1019	1021	1074	10943	0	0.184	0	TF
3 AM:	198	264	203	216	200	1022	1021	1069	10590	0	0.248	0	BS
4 AM:	195	266	200	216	200	1015	1019	1070	10590	0	0.311	0	TF
5 AM:	197	264	199	216	196	1015	1020	1066	10590	0	0.381	0	BS
6 AM:	201	265	202	216	200	1017	1020	1063	10590	0	0.438	0	TF

AVG.: 199 265 201 216 200 1019 1020.3 1018.6 10581 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report

Daily Operations Report



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

DAY
SHIFT

Apr 11 1993

Well Field Operation (GPM)										Air Stripper Operation				
Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Stripper Pressure	Blower	Air Flow	Effluent Flow	Op Init
1	2	3	4	5	6	7	8	9	10	Flow	Flow	Flow	Flow	
199	265	202	216	197	1015					1021	1064	10943	0	0.502
200	264	203	216	200	1018					1020	1062	10590	0	0.062
201	264	202	215	200	1016					1019	1061	10590	0	0.125
200	264	196	216	200	1020					1020	1068	10590	0	0.185
199	265	196	217	198	1018					1020	1075	10590	0	0.25
194	265	197	216	200	1012					1021	1072	10166.4	0	0.315
200	266	196	218	200	1018					1019	1070	10590	0	0.378
200	264	200	216	201	1021					1023	1067	10590	0	0.439
AVG.:										1020.4	1067.4	10581	0	

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report

Daily Operations Report



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

**EVENING
SHIFT**

Apr 11 1993

Well Field Operation (GPM)

	Well Field Operation (GPM)					Air Stripper Operation				
	Well 1	Well 2	Well 3	Well 4	Well 5	Flow	Stripper Pressure	Blower Air Flow	Effluent Flow	Op Init
3 PM:	200	264	201	217	200	1015	1020	1065	10166.4	0 0.503 KN
4 PM:	200	264	199	216	200	1020	1020	1086	10590	0 0.059 FC
5 PM:	200	265	195	216	201	1022	1020	1078	10943	0 0.121 KN
6 PM:	200	267	196	216	200	1019	1021	1073	10943	0 0.188 FC
7 PM:	199	266	196	216	200	1017	1020	1065	10943	0 0.25 KN
8 PM:	200	264	203	216	199	1018	1019	1067	10943	0 0.317 FC
9 PM:	197	265	202	216	200	1020	1020	1065	10943	0 0.375 KN
10 PM:	202	266	196	217	201	1018	1021	1063	10590	0 0.44 FC

AVG.:

200	265	199	216	200	1019	1020.1	1070.3	10758	0	

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report

Daily Operations Report



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

**NIGHT
SHIFT**

Date: **Apr 12 1993**

Well Field Operation (GPM)

Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Well
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
200	265	200	216	200	1025														
200	264	198	216	199	1020														
198	264	200	216	199	1020														
199	264	200	216	200	1020														
200	264	203	216	200	1022														
200	264	202	216	200	1021														
200	266	194	217	201	1020														
201	264	204	216	198	1016														

AVG.: 200 264 200 216 200 1021 1019.8 1068 10987 0

**Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.**

Operator remarks:

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Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report

Daily Operations Report



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

DAY
SHIFT

Apr 12 1993

Well Field Operation (GPM)										Air Stripper Operation			
Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Stripper Pressure Flow	Blower Air Flow	Effluent Pres	Op Init
1	2	3	4	5	6	7	8	9	10	Flow	Flow	Flow	Flow
7 AM: 201	264	202	216	200	1017	1019	1060	10943	0	0.507	TF		
8 AM: 201	264	200	214	200	1022	1020	1060	10590	0	0.063	MA		
9 AM: 200	264	201	215	200	1021	1020	1084	10590	0	0.121	TF		
10 AM: 197	265	202	216	198	1021	1021	1076	10590	0	0.185	MA		
11 AM: 199	264	202	215	198	1020	1020	1072	10590	0	0.251	TF		
Noon: 196	265	204	216	198	1020	1020	1069	11296	0	0.313	MA		
1 PM: 200	264	196	216	200	1024	1019	1064	10590	0	0.375	TF		
2 PM: 196	264	202	215	201	1021	1020	1062	10590	0	0.441	MA		

AVG.: 199 264 201 215 199 1021 1019.9 1068.4 10722 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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Daily Operations Report



**EVENING
SHIFT**

1993

Apr	12

1993

Well Field Operation (GPM)

	Well 1	Well 2	Well 3	Well 4	Well 5	Well System Flow	Stripper Flow	Pressure Flow	Blower Air Flow	Air Pres	Effluent Flow	Op Init
3 PM:	201	264	197	216	200	1020	1021	1083	10590	0	0.499	BS
4 PM:	197	264	202	215	200	1020	1019	1073	10590	0	0.061	AC
5 PM:	200	264	196	215	200	1016	1020	1072	10166.4	0	0.124	BS
6 PM:	196	264	195	216	200	1016	1021	1068	10166.4	0	0.187	AC
7 PM:	200	264	198	216	200	1021	1021	1066	10166.4	0	0.25	BS
8 PM:	199	264	202	216	199	1022	1020	1060	10166.4	0	0.314	AC
9 PM:	201	264	203	216	200	1022	1021	1082	10590	0	0.373	BS
10 PM:	200	264	202	216	199	1020	1019	1079	10590	0	0.437	AC

AVG.:

199	264	199	216	200	1020	1020.3	1072.9	10378	0
AVG.:									

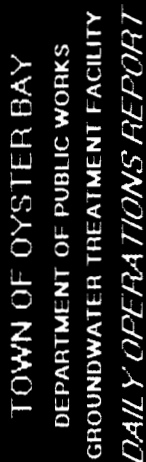
Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons). Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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Daily Operations Report



NIGHT SHIFT

Apr	13	1993

1993

Apr	13

Year	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	

Well Field Operation (GPM)	Air Stripper Operation
1000	1000
2000	2000
3000	3000
4000	4000
5000	5000
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7000	7000
8000	8000
9000	9000
10000	10000
11000	11000
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93000	93000
94000	94000
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96000	96000
97000	97000
98000	98000
99000	99000
100000	100000

199	264	200	216	199	1019	1019.9	1067.3	10484	0
AVG.:									

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons). Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report

Daily Operations Report



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

DAY
SHIFT

Apr 13 1993

Well Field Operation (GPM)							Air Stripper Operation						
Well 1		Well 2	Well 3	Well 4	Well 5	System Flow	Stripper Flow	Pressure Filtr	Blower Air Flow	Air Pres	Effluent Flow	Op Init	
7 AM:	200	264	199	216	200	1015	1021	1077	9813.4	0	0.503	TF	
8 AM:	201	264	196	216	199	1017	1020	1074	10166.4	0	0.062	MA	
9 AM:	200	264	201	215	200	1017	1020	1070	10166.4	0	0.126	TF	
10 AM:	200	264	194	216	200	1022	1020	1067	9389.8	0	0.189	MA	
11 AM:	200	264	198	216	198	1019	1020	1063	9389.8	0	0.253	TF	
Noon:	200	265	200	214	200	1024	1021	1083	9389.8	0	0.314	MA	
1 PM:	196	265	195	216	200	1017	1018	1077	9813.4	0	0.376	TF	
2 PM:	196	264	202	215	196	1020	1020	1072	9813.4	0	0.442	MA	
AVG.:	199	264	198	216	199	1019	1020	1072.9	9742.8	0			

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report

Daily Operations Report



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

**EVENING
SHIFT**

APR 13 1993

Well Field Operation (GPM)						Air Stripper Operation					
Well	Well	Well	Well	Well	System	Stripper Pressure	Blower	Air Flow	Effluent	Op	
1	2	3	4	5	Flow	Flow	Flow	Pres	Flow	Init	
3 PM: 197	264	201	216	200	1015	1019	1065	10166.4	0	0.502	BS
4 PM: 200	264	199	216	200	1019	1019	1063	9813.4	0	0.062	AC
5 PM: 199	264	203	216	200	1018	1020	1062	9813.4	0	0.124	BS
6 PM: 200	264	203	213	200	1020	1020	1060	9813.4	0	0.187	AC
7 PM: 198	264	200	216	200	1021	1020	1078	9389.8	0	0.248	BS
8 PM: 195	264	200	216	201	1016	1020	1077	9389.8	0	0.31	AC
9 PM: 201	264	203	214	197	1021	1022	1072	9389.8	0	0.374	BS
10 PM: 200	263	201	215	200	1019	1020	1068	9813.4	0	0.438	AC

AVG.: 199 264 201 215 200 1019 1020 1068.1 9698.7 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report

Daily Operations Report



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

NIGHT
SHIFT

Apr 14 1993

Well Field Operation (GPM) Air Stripper Operation

		Well System					Stripper Pressure Blower Air Effluent Op								
		Well 1	Well 2	Well 3	Well 4	Well 5	Flow	Flow	Filtr Flow	Pressure	Blower Air Flow	Pres	Flow	Flow	Init
11 PM:		201	265	203	215	200	1018	1021	1066	9389.8	0	0	0.507		BS
Midnite		199	264	198	216	200	1020	1022	1062	9389.8	0	0	0.062		PD
1 AM:		200	264	200	214	200	1020	1020	1060	9389.8	0	0	0.122		BS
2 AM:		201	263	203	216	200	1014	1020	1062	9813.4	0	0	0.184		PD
3 AM:		200	264	196	214	201	1019	1019	1061	9813.4	0	0	0.247		BS
4 AM:		201	263	196	216	200	1020	1020	1059	9813.4	0	0	0.311		PD
5 AM:		201	264	203	215	200	1021	1019	1087	9813.4	0	0	0.369		BS
6 AM:		197	264	200	211	200	1015	1020	1079	10166.4	0	0	0.445		PD

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report

Daily Operations Report



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

DAY
SHIFT

1993

Apr 14

Well Field Operation (GPM) Air Stripper Operation

		Well System					Air Stripper Operation					
		Well 1	Well 2	Well 3	Well 4	Well 5	Flow	Stripper Pressure	Blower Air Flow	Effluent Pres	Flow	Op Init
7 AM:		201	264	199	215	200	1022	1020	1073	10943	0	0.435 TF
8 AM:		200	264	196	216	198	1022	1020	1070	10590	0	0.063 MA
9 AM:		200	264	203	215	199	1021	1019	1065	9813.4	0	0.128 TF
10 AM:		200	264	196	216	200	1024	1021	1064	9813.4	0	0.189 MA
11 AM:		196	264	196	216	200	1023	1018	1081	9813.4	0	0.25 TF
Noon:		196	265	200	216	198	1022	1023	1077	10166.4	0	0.313 MA
1 PM:		200	264	204	216	200	1019	1020	1072	10943	0	0.378 TF
2 PM:		200	264	200	216	201	1016	1019	1068	10590	0	0.44 MA

AVG.: 199 264 199 216 200 1021 1020 1071.3 10334 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report

Daily Operations Report



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

EVENING
SHIFT

Apr 14 1993

Well Field Operation (GPM)					Air Stripper Operation				
Well	Well	Well	Well	Well	Stripper Pressure	Blower	Air Effluent	Op	
1	2	3	4	5	Flow	Filtr Flow	Air Flow	Pres	Flow
3 PM: 200	264	196	216	199	1019	1020	1066	9813.4	0 0.503
4 PM: 200	264	200	213	200	1022	1021	1064	9813.4	0 0.064
5 PM: 201	264	200	216	200	1020	1020	1072	10166.4	0 0.125
6 PM: 201	264	203	215	199	1020	1021	1079	10166.4	0 0.188
7 PM: 198	264	202	216	200	1018	1019	1073	9813.4	0 0.249
8 PM: 197	264	203	216	200	1019	1019	1069	10166.4	0 0.311
9 PM: 199	264	200	216	200	1018	1020	1061	10166.4	0 0.375
10 PM: 196	264	194	216	198	1014	1020	1065	10166.4	0 0.44
AVG.: 199	264	200	216	200	1019	1020	1068.6	10034	0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report

Daily Operations Report



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

**NIGHT
SHIFT**

Apr 15 1993

Well Field Operation (GPM)										Air Stripper Operation			
Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Stripper Pressure	Blower Air Flow	Effluent Flow	Op Init
1	2	3	4	5	6	7	8	9	10	Flow	Filtr Flow	Pres	Flow
11 PM: 199	265	199	216	200	1022					1020	1063	10166.4	0 0.508
Midnite 200	264	200	216	199	1020					1019	1061	10166.4	0 0.06
1 AM: 200	264	197	216	200	1016					1020	1060	10166.4	0 0.121
2 AM: 199	264	196	216	200	1017					1020	1057	10166.4	0 0.184
3 AM: 200	264	203	216	198	1019					1020	1057	10166.4	0 0.243
4 AM: 199	264	197	215	200	1019					1019	1078	10166.4	0 0.306
5 AM: 200	264	197	216	200	1021					1020	1068	10166.4	0 0.372
6 AM: 201	263	201	216	194	1020					1019	1069	10166.4	0 0.438

AVG.: 200 264 199 216 199 1019 1019.6 1064.1 10166 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report

Daily Operations Report



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

DAY
SHIFT

Apr 15 1993

Well Field Operation (GPM)

	Well Field Operation (GPM)					Air Stripper Operation					Op Init
	Well 1	Well 2	Well 3	Well 4	Well 5	System Flow	Stripper Flow	Pressure Flow	Blower Air Flow	Effluent Pres Flow	
7 AM:	202	264	204	216	200	1019	1018	1066	10166.4	0	0.498
8 AM:	200	264	202	211	199	1023	1019	1069	10166.4	0	0.062
9 AM:	202	264	201	214	198	1020	1019	1078	10166.4	0	0.123
10 AM:	199	264	196	214	201	1015	1020	1073	10166.4	0	0.184
11 AM:	200	249	202	203	201	993	682	2	10166.4	0	0.221
Noon:	200	249	202	203	201	993	682	2	10166.4	0	0.221
1 PM:	0	0	0	0	0	0	1	2	10166.4	0	0.267
2 PM:	196	0	196	0	198	521	589	678	10166.4	0	0.283

7 AM:

8 AM:

9 AM:

10 AM:

11 AM:

Noon:

1 PM:

2 PM:

AVG.:

753.75

621.25

10166

0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

A/S PUMP OFF NOT WIRED. PCION SITE TO WORK ON COMMUNICATION SYSTEM. ALL WELLS OFF/ON AT 10:30 UNTIL 15:00.



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DEPARTMENT OF PUBLIC WORKS
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EVENING
SHIFT

Apr 15 1993

Well Field Operation (GPM)						Air Stripper Operation					
Well	Well	Well	Well	Well	System	Stripper Pressure	Blower	Air Flow	Effluent Flow	Op	Init
1	2	3	4	5	Flow	Flow	Filtr Flow	Air Flow	Pres	Flow	
3 PM: 200	251	197	204	197	997	1043	1068	10166.4	0	0.362	DL
4 PM: 200	251	200	205	200	1003	1023	1086	10166.4	0	0.054	AC
5 PM: 196	256	199	211	199	1008	1019	1081	9813.4	0	0.116	DL
6 PM: 202	260	196	212	200	1016	1015	1074	10166.4	0	0.18	AC
7 PM: 197	259	202	213	200	1018	1015	1069	10166.4	0	0.244	DL
8 PM: 199	260	200	212	199	1020	1015	1064	10166.4	0	0.309	AC
9 PM: 200	260	198	213	200	1022	1015	1083	10166.4	0	0.37	DL
10 PM: 196	260	200	214	200	1016	1015	1081	10166.4	0	0.44	AC

AVG.: 199 257 199 211 199 1013 1020 1075.8 10122 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
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NIGHT
SHIFT

Apr 16 1993

Well Field Operation (GPM)						Air Stripper Operation					
Well	Well	Well	Well	Well	System	Stripper	Pressure	Blower	Air	Effluent	Op
1	2	3	4	5	Flow	Flow	Filtr Flow	Air Flow	Pres	Flow	Init
11 PM: 199	265	199	216	200	1022	1020	1063	10166.4	0	0.508	DL
Midnite 200	264	200	216	199	1020	1019	1061	10166.4	0	0.06	PD
1 AM: 200	264	197	216	200	1016	1020	1060	10166.4	0	0.121	DL
2 AM: 199	264	196	216	200	1017	1020	1057	10166.4	0	0.184	PD
3 AM: 200	264	203	216	198	1019	1020	1057	10166.4	0	0.243	DL
4 AM: 199	264	197	215	200	1019	1019	1078	10166.4	0	0.306	PD
5 AM: 200	264	197	216	200	1021	1020	1068	10166.4	0	0.372	DL
6 AM: 201	263	201	216	194	1020	1019	1069	10166.4	0	0.438	PD

AVG.: 200 264 199 216 199 1019 1019.6 1064.1 10166 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report

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DAY
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Apr 16 1993

Well Field Operation (GPM)										Air Stripper Operation				
Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Stripper Pressure	Blower	Air	Effluent	Op
1	2	3	4	5	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Init
7 AM: 199	260	197	212	200	1018	1016	1057	10166.4	0	0.503	KN			
8 AM: 201	260	199	214	198	1024	1016	1084	10166.4	0	0.059	FC			
9 AM: 200	259	201	202	212	1023	1015	1075	10166.4	0	0.12	MA			
10 AM: 197	260	200	213	212	1019	1016	1070	10166.4	0	0.189	KN			
11 AM: 200	260	198	212	200	1025	1016	1067	10166.4	0	0.248	FC			
Noon: 200	260	201	212	200	1017	1018	1064	10166.4	0	0.312	MA			
1 PM: 199	260	203	211	200	1023	1016	1080	10590	0	0.372	KN			
2 PM: 201	260	199	212	200	1019	1017	1073	10166.4	0	0.438	FC			

AVG.: 200 260 200 211 203 1021 1016.3 1071.3 10219 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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**EVENING
SHIFT**

Apr 16 1993

Well Field Operation (GPM)					Air Stripper Operation				
Well 1	Well 2	Well 3	Well 4	Well 5	Flow	Stripper Pressure Flow	Blower Air Flow	Effluent Pres Flow	Op Init
3 PM: 198	261	198	214	200	1019	1017	1069	9813.4	0 0.5
4 PM: 196	260	202	212	199	1020	1017	1065	9813.4	0 0.063
5 PM: 198	260	202	213	200	1021	1018	1065	9813.4	0 0.127
6 PM: 197	260	196	214	198	1019	1016	1061	10166.4	0 0.19
7 PM: 200	259	203	213	200	1025	1016	1082	9813.4	0 0.251
8 PM: 196	259	200	212	200	1019	1015	1075	10166.4	0 0.313
9 PM: 198	260	200	212	200	1019	1015	1070	10166.4	0 0.375
10 PM: 199	260	200	213	200	1021	1015	1066	10166.4	0 0.439
AVG.:					1016.1	1069.1	9989.9	0	

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

ALL WELLS SECURED AT 22:00 DUE TO LIGHTNING STORM.



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**NIGHT
SHIFT**

Apr 17 1993

Well Field Operation (GPM)						Air Stripper Operation					
Well 1	Well 2	Well 3	Well 4	Well 5	Flow	Stripper Flow	Pressure Flow	Blower Flow	Air Flow	Effluent Flow	Op Init
0	0	0	0	0	0	0	0	0	0	0.45	BS
0	0	0	0	0	0	0	0	0	0	0	TF
200	250	200	204	200	999	1039	1086	10166.4	0	0.04	BS
200	257	198	209	200	1012	1025	1086	10166.4	0	0.103	TF
200	260	199	212	200	1019	1020	1072	9813.4	0	0.168	BS
199	260	202	213	200	1018	1017	1074	9813.4	0	0.244	TF
200	259	202	213	201	1019	1018	1071	9813.4	0	0.296	BS
196	261	203	213	200	1022	1017	1067	9813.4	0	0.362	TF

AVG.: 149 193 151 158 150 761.1 767 807 7448.3 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

SHUT DOWN ALL WELLS AT 23:00 4/16/93 HRS DUE TO LIGHTNING STORM. ALL WELLS ON LINE AT MIDNIGHT.



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DAY
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Apr 17 1993

Well Field Operation (GPM)						Air Stripper Operation					
Well 1	Well 2	Well 3	Well 4	Well 5	System Flow	Stripper Flow	Pressure Flow	Blower Air Flow	Air Pres	Effluent Flow	Op Init
7 AM: 200	260	201	212	200	1026	1017	1065	10166.4	0	0.423	KN
8 AM: 198	261	200	213	200	1023	1017	1086	10166.4	0	0.061	FC
9 AM: 196	260	201	212	200	1019	1017	1078	10166.4	0	0.122	KN
10 AM: 200	260	202	212	200	1022	1017	1073	10590	0	0.186	FC
11 AM: 199	260	202	214	200	1022	1017	1068	10166.4	0	0.249	KN
Noon: 201	261	198	213	196	1025	1017	1066	10166.4	0	0.317	FC
1 PM: 200	260	202	214	197	1022	1017	1063	10590	0	0.379	KN
2 PM: 196	260	203	214	196	1024	1017	1063	10590	0	0.443	FC

AVG.: 199 260 201 213 199 1023 1017 1070.3 10325 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

SHUT DOWN ALL WELLS AT 23:00 4/16/93 HRS DUE TO LIGHTNING STORM. ALL WELLS ON LINE AT MIDNIGHT.



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**EVENING
SHIFT**

Apr 17 1993

Well Field Operation (GPM)							Air Stripper Operation				
Well	Well	Well	Well	Well	Well	System	Stripper Pressure	Blower	Air	Effluent	Op
1	2	3	4	5	Flow	Flow	Flow	Flow	Pres	Flow	Init
3 PM: 199	260	203	214	200	1025	1018	1082	10166.4	0	0.503	KN
4 PM: 200	260	201	214	200	1023	1016	1076	10590	0	0.061	FC
5 PM: 196	261	201	212	200	1024	1017	1070	10166.4	0	0.124	KN
6 PM: 196	260	200	213	199	1027	1017	1065	10166.4	0	0.189	FC
7 PM: 200	260	201	215	197	1023	1017	1065	10590	0	0.251	KN
8 PM: 199	260	201	215	200	1024	1018	1083	10166.4	0	0.31	FC
9 PM: 201	262	198	212	200	1019	1015	1078	9813.4	0	0.374	KN
10 PM: 196	261	196	213	200	1025	1017	1072	10590	0	0.438	FC

AVG.: 198 261 200 214 200 1024 1016.9 1073.9 10281 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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NIGHT
SHIFT

Apr 18 1993

Well Field Operation (GPM)							Air Stripper Operation				
Well	Well	Well	Well	Well	Well	System	Stripper Pressure	Blower	Air Flow	Effluent Flow	Op Init
1	2	3	4	5	Flow		Flow	Filtr Flow	Air Flow	Pres	Flow
11 PM: 200	260	198	214	200	1019		1017	1069	10166.4	0	0.5
Midnite: 198	261	199	214	200	1020		1016	1066	10166.4	0	0.061
1 AM: 199	261	201	213	200	1025		1017	1063	9813.4	0	0.123
2 AM: 198	261	197	212	201	1028		1016	1082	10166.4	0	0.184
3 AM: 199	261	197	214	200	1025		1018	1077	10590	0	0.247
4 AM: 197	260	204	214	200	1022		1017	1072	10590	0	0.312
5 AM: 200	262	196	214	197	1025		1018	1068	10166.4	0	0.375
6 AM: 196	260	198	212	200	1025		1017	1065	10166.4	0	0.44

AVG.: 198 261 199 213 200 1024 1017 1070.3 10228 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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DAY
SHIFT

Apr 18 1993

Well Field Operation (GPM)							Air Stripper Operation				
Well 1	Well 2	Well 3	Well 4	Well 5	Well System	Flow	Stripper Pressure	Blower Air Flow	Effluent Flow	Op Init	
7 AM: 200	260	200	214	200	1029	1017	1063	10166.4	0	0.502	KN
8 AM: 199	262	199	213	201	1023	1016	1062	10590	0	0.061	FC
9 AM: 201	260	198	215	200	1025	1018	1086	10943	0	0.124	KN
10 AM: 198	261	202	214	200	1021	1017	1076	10166.4	0	0.186	FC
11 AM: 201	261	200	212	197	1024	1016	1071	10166.4	0	0.252	KN
Noon: 201	261	199	214	200	1024	1016	1068	10943	0	0.314	FC
1 PM: 198	260	202	212	200	1022	1016	1065	10166	0	0.379	KN
2 PM: 200	261	198	213	200	1024	1017	1066	10166.4	0	0.435	FC

AVG.: 200 261 200 213 200 1024 1016.6 1069.6 10413 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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Daily Operations Report



EVENING SHIFT

Apr	18	1993

Well Field Operation (GPM)

	Well 1	Well 2	Well 3	Well 4	Well 5	Well System Flow	Stripper Flow	Pressure Flow	Blower Air Flow	Air Pres	Effluent Flow	Op Init
3 PM:	196	263	199	213	200	1025	1017	1079	10166.4	0	0.501	KN
4 PM:	197	261	200	213	200	1025	1017	1072	10590	0	0.061	FC
5 PM:	200	260	201	213	200	1021	1017	1069	10166.4	0	0.124	KN
6 PM:	201	260	201	213	200	1021	1017	1062	10590	0	0.191	FC
7 PM:	200	261	199	213	200	1026	1017	1063	10166.4	0	0.255	KN
8 PM:	198	260	202	212	200	1024	1014	1062	10166.4	0	0.316	FC
9 PM:	200	260	202	212	198	1023	1016	1078	9813.4	0	0.377	KN
10 PM:	200	260	199	214	200	1021	1016	1073	10166.4	0	0.437	FC

AVG.:

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons). Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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NIGHT
SHIFT

Apr 19 1993

Well Field Operation (GPM)										Air Stripper Operation				
Well	Well	Well	Well	Well	Well	System	Stripper	Pressure	Blower	Air	Effluent	Op		
1	2	3	4	5	Flow	Flow	Flow	Flow	Flow	Pres	Flow	Init		
11 PM:	200	261	197	214	200	1018	1017	1069	10166.4	0	0.497	DL		
Midnite	198	261	203	213	200	1024	1017	1065	10166.4	0	0.065	PD		
1 AM:	200	260	197	212	200	1025	1016	1063	10166.4	0	0.131	DL		
2 AM:	196	262	198	213	201	1018	1017	1062	10166.4	0	0.193	PD		
3 AM:	201	260	196	212	200	1022	1017	1061	10166.4	0	0.258	DL		
4 AM:	199	261	196	214	200	1021	1017	1087	10166.4	0	0.316	PD		
5 AM:	200	262	197	212	201	1022	1017	1081	9813.4	0	0.377	DL		
6 AM:	200	260	200	213	200	1021	1016	1076	9813.4	0	0.448	PD		
AVG.:	199	261	198	213	200	1021	1016.8	1070.5	10078	0				

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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DAY
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Apr 19 1993

Well Field Operation (GPM)										Air Stripper Operation				
Well	Well	Well	Well	Well	Well	System	Stripper	Pressure	Blower	Air	Effluent	Op		
1	2	3	4	5	Flow	Flow	Flow	Filtr Flow	Air Flow	Pres	Flow	Init		
7 AM: 198	260	197	214	200	1021	1016	1068	10590	0	0.506	TF			
8 AM: 201	260	200	212	200	1017	1017	1066	10166.4	0	0.062	MA			
9 AM: 199	261	202	212	200	1022	1016	1085	10166.4	0	0.125	TF			
10 AM: 199	263	200	213	200	1023	1016	1070	10166.4	0	0.184	MA			
11 AM: 199	260	200	212	200	1021	1017	1073	10166.4	0	0.249	TF			
Noon: 200	263	197	212	200	1024	1017	1070	10166.4	0	0.311	MA			
1 PM: 200	261	196	213	200	1025	1017	1065	10590	0	0.374	TF			
2 PM: 201	261	199	213	200	1020	1015	1063	10166.4	0	0.438	MA			
AVG: 200	261	199	213	200	1022	1016.4	1070	10272	0					

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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Daily Operations Report



EVENING SHIFT

Apr	19	1993

Well Field Operation (GPM)

	Well 1	Well 2	Well 3	Well 4	Well 5	System Flow	Stripper Flow	Pressure Flow	Blower Air Flow	Air Pres	Effluent Flow	Op Init
3 PM:	196	260	202	213	200	1024	1015	1061	10166.4	0	0.502	BS
4 PM:	201	261	196	212	200	1021	1016	1078	9813.4	0	0.061	AC
5 PM:	200	260	200	212	200	1022	1017	1073	10166.4	0	0.124	BS
6 PM:	201	260	198	214	200	1022	1016	1066	10166.4	0	0.187	AC
7 PM:	199	261	200	213	200	1024	1017	1065	9813.4	0	0.249	BS
8 PM:	196	260	201	212	198	1020	1017	1063	9813.4	0	0.312	AC
9 PM:	197	261	199	214	198	1021	1017	1061	10166.4	0	0.375	BS
10 PM:	196	261	200	213	198	1020	1017	1060	10166.4	0	0.339	AC

AVG.:

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons). Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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**EVENING
SHIFT**

Apr 20 1993

Well Field Operation (GPM)						Air Stripper Operation					
Well	Well	Well	Well	Well	Well	Stripper Pressure Flow	Blower Air Flow	Effluent Flow	Op		
1	2	3	4	5	Flow	Flow	Filtr Air Flow	Pres	Flow	Init	
3 PM: 200	260	198	213	200	1023	1013	1067	10166.4	0	0.501	BS
4 PM: 199	260	202	212	199	1024	1014	1065	10166.4	0	0.061	AC
5 PM: 200	260	197	212	199	1023	1016	1063	10166.4	0	0.125	BS
6 PM: 196	261	198	214	198	1020	1015	1062	9813.4	0	0.189	AC
7 PM: 200	261	196	212	200	1021	1017	1059	9813.4	0	0.252	BS
8 PM: 200	261	202	212	200	1022	1015	1059	9813.4	0	0.314	AC
9 PM: 199	261	202	212	201	1023	1016	1081	10166.4	0	0.374	BS
10 PM: 200	261	202	212	200	1023	1015	1073	10166.4	0	0.438	AC

AVG.: 199 261 200 212 200 1022 1015.1 1066.1 10034 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

15:00 ELDOR PERSONNEL ON SITE TO HOOK UP #1 A/S PUMP. TOLD BY L.K.B. TO LEAVE PUMP OFF UNTIL TOMORROW WHEN PUMP CO. REP. WILL BE HERE TO MAKE SURE PUMP HAS BEEN HOOKED UP PROPERLY. 15:10 ELDOR PERSONNEL OFF SITE.



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DAY
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Apr 20 1993

Well Field Operation (GPM)										Air Stripper Operation			
Well	Well	Well	Well	Well	Well	System	Stripper Pressure	Blower	Air Effluent	Flow	Pres	Flow	Init
1	2	3	4	5	Flow		Flow	Flow	Flow	Flow			
7 AM: 200	260	197	214	200	1018		1016	1079	10590	0	0.49		tf
8 AM: 199	260	200	213	200	1020		1017	1073	10590	0	0.061		MA
9 AM: 198	262	198	213	200	1023		1016	1068	10590	0	0.124		TF
10 AM: 196	262	199	213	200	1022		1016	1065	10166.4	0	0.188		MA
11 AM: 195	262	200	214	200	1018		1016	1063	10590	0	0.25		TF
Noon: 198	261	201	213	197	1025		1017	1079	10590	0	0.31		MA
1 PM: 202	260	201	212	197	1022		1017	1074	9813.4	0	0.371		TF
2 PM: 200	260	198	213	200	1025		1015	1069	10166.4	0	0.436		MA
AVG.:										1016.3	1071.3	10387	0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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NIGHT
SHIFT

Apr 20 1993

Well Field Operation (GPM)										Air Stripper Operation				
Well	Well	Well	Well	Well	Well	System	Stripper	Pressure	Blower	Air	Effluent	Op		
1	2	3	4	5	Flow	Flow	Flow	Flow	Flow	Pres	Flow	Init		
11 PM:	197	262	199	213	200	1023	1013	1058	10166.4	0	0.509	DL		
Midnite	200	262	202	212	200	1025	1016	682	10166.4	0	0.052	PD		
1 AM:	198	260	203	212	200	1024	1016	1082	10166.4	0	0.115	DL		
2 AM:	196	262	202	213	200	1025	1016	1075	10166.4	0	0.176	PD		
3 AM:	197	261	201	212	200	1020	1017	1070	10166.4	0	0.238	DL		
4 AM:	198	262	198	213	200	1021	1016	1065	10166.4	0	0.304	PD		
5 AM:	200	262	200	213	200	1025	1015	1061	10166.4	0	0.369	DL		
6 AM:	200	261	197	212	201	1023	1015	1062	10166.4	0	0.429	PD		
AVG.:	198	262	200	213	200	1023	1015.5	1019.4	10166	0				

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report

Daily Operations Report



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

NIGHT
SHIFT

Apr 21 1993

Well Field Operation (GPM)										Air Stripper Operation			
Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Strripper Pressure	Blower Air	Effluent Op	
1	2	3	4	5	Flow	Flow	Flow	Flow	Flow	Filtr Flow	Air Flow	Pres	Flow
11 PM: 198	261	202	212	200	1024	1016	1072	9813.4	0	0.5	DL		
Midnite 200	260	201	213	199	1025	1016	1067	9813.4	0	0.061	PD		
1 AM: 200	260	202	213	200	1020	1016	1063	9813.4	0	0.124	DL		
2 AM: 200	261	203	212	201	1019	1014	675	9813.4	0	0.176	PD		
3 AM: 199	260	201	213	200	1021	1015	1081	10166.4	0	0.24	DL		
4 AM: 199	261	201	212	200	1022	1015	1072	10166.4	0	0.314	PD		
5 AM: 200	260	196	213	200	1019	1015	1069	10166.4	0	0.378	DL		
6 AM: 198	260	204	212	200	1018	1015	1066	10166.4	0	0.443	PD		
AVG.: 199 260 201 213 200 1021										1015.3	1020.6	9989.9	0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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GROUNDWATER TREATMENT FACILITY
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Apr 21 1993

Well Field Operation (GPM)										Air Stripper Operation				
Well	Well	Well	Well	Well	Well	System	Stripper Pressure	Blower	Air Effluent	Op				
1	2	3	4	5	Flow	Flow	Flow	Filtr Flow	Air Flow	Pres	Flow	Flow	Init	
7 AM: 196	260	200	213	200	1022		1015	1063	10166.4	0	0.504		TF	
8 AM: 200	260	198	212	200	1021		1016	686	10166.4	0	0.06		MA	
9 AM: 200	260	197	213	198	1016		1014	1075	10166.4	0	0.121		TF	
10 AM: 198	263	202	215	200	1027		1018	1078	10166.4	0	0.185		MA	
11 AM: 201	262	199	214	200	1025		1017	1074	10166.4	0	0.252		TF	
Noon: 199	260	202	215	200	1025		1019	1071	10166.4	0	0.313		MA	
1 PM: 197	261	202	212	200	1023		1018	1069	10166.4	0	0.376		TF	
2 PM: 200	261	200	214	198	1024		1017	1065	10166.4	0	0.442		MA	

AVG.: 199 261 200 214 200 1023 1016.8 1022.6 10166 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report

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DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
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EVENING
SHIFT

Apr 21 1993

Well Field Operation (GPM)					Air Stripper Operation				
Well	Well	Well	Well	Well	Stripper Pressure	Blower	Air Effluent	Op	Init
1	2	3	4	5	Flow	Filtr Flow	Air Flow	Pres	Flow
3 PM: 200	262	197	214	200	1024	1018	1064	10166.4	0 0.503
4 PM: 198	260	197	213	200	1021	1017	1062	10590	0 0.063
5 PM: 202	262	197	214	200	1026	1017	1061	10166.4	0 0.125
6 PM: 200	263	201	214	200	1026	1017	1061	10166.4	0 0.188
7 PM: 202	262	197	213	200	1024	1017	1061	10166.4	0 0.249
8 PM: 201	260	201	213	200	1025	1017	1060	10166.4	0 0.313
9 PM: 200	260	201	214	198	1022	1016	1059	10166.4	0 0.378
10 PM: 200	261	201	212	200	1024	1020	1086	9813.4	0 0.439
AVG.: 200	261	199	213	200	1024	1017.4	1064.3	10175	0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

NIGHT
SHIFT

Apr 22 1993

Well Field Operation (GPM)							Air Stripper Operation					
Well	Well	Well	Well	Well	Well	System	Stripper Pressure	Blower	Air	Effluent	Op	
1	2	3	4	5	Flow	Flow	Flow	Filtr Flow	Air Flow	Pres	Flow	Init
11 PM:	200	260	196	213	199	1027	1019	1078	10166.4	0	0.504	DL
Midnite:	196	259	200	213	200	1025	1019	1073	10166.4	0	0.06	PD
1 AM:	196	261	201	213	198	1022	1019	1071	10166.4	0	0.124	DL
2 AM:	199	260	201	213	200	1030	1019	1067	10166.4	0	0.186	PD
3 AM:	197	261	200	214	200	1027	1018	1063	10166.4	0	0.25	DL
4 AM:	222	257	202	211	200	1041	1024	1063	10166.4	0	0.312	PD
5 AM:	211	260	197	213	200	1040	1027	1064	10166.4	0	0.377	DL
6 AM:	224	257	197	211	199	1042	1028	1064	10166.4	0	0.438	PD
AVG.:	206	259	199	213	200	1032	1021.6	1067.9	10166	0		

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

LUB

Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report



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GROUNDWATER TREATMENT FACILITY
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DAY
SHIFT

Apr 22 1993

Well Field Operation (GPM)						Air Stripper Operation					
Well	Well	Well	Well	Well	System	Stripper Pressure	Blower	Air	Effluent	Op	
1	2	3	4	5	Flow	Flow	Filtr Flow	Air Flow	Pres	Flow	Init
7 AM: 224	258	200	211	201	1044	1028	1065	10166.4	0	0.504	MA
8 AM: 224	258	197	212	199	1039	1033	1068	9813.4	0	0.061	PD
9 AM: 226	256	199	211	200	1041	1033	1070	9813.4	0	0.126	MA
10 AM: 225	258	202	210	196	1042	1035	1071	9813.4	0	0.189	PD
11 AM: 224	257	202	211	200	1039	1035	1072	9813.4	0	0.255	MA
Noon: 225	257	200	211	200	1042	1036	1073	9813.4	0	0.318	PD
1 PM: 224	256	201	210	200	1043	1035	1073	9813.4	0	0.383	MA
2 PM: 226	257	198	209	200	1043	1036	1074	9813.4	0	0.447	PD
AVG.: 225 257 200 211 200 1042						1033.9	1070.8	9857.5	0		

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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Apr 22 1993

Well Field Operation (GPM)							Air Stripper Operation						
Well 1	Well 2	Well 3	Well 4	Well 5	Well System Flow		Stripper Flow	Pressure Filtr Flow	Blower Air Flow	Air Pres Flow	Effluent Flow	Op Init	
3 PM: 224	257	198	210	200	1042		1035	1075	10166.4	0	0.503	DL	
4 PM: 224	256	197	212	198	1041		1034	1075	10166.4	0	0.062	AC	
5 PM: 224	256	203	211	200	1043		1035	1074	10590	0	0.125	DL	
6 PM: 224	257	201	210	200	1043		1036	1075	10590	0	0.189	AC	
7 PM: 224	256	197	212	200	1041		1035	1075	10166.4	0	0.252	DL	
8 PM: 224	256	200	212	200	1042		1035	1073	9813.4	0	0.315	AC	
9 PM: 224	256	200	210	200	1042		1034	1072	10166.4	0	0.378	DL	
10 PM: 224	256	202	211	200	1043		1035	1074	10166.4	0	0.44	AC	

AVG.: 224 256 200 211 200 1042 1034.9 1074.1 10228 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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NIGHT
SHIFT

Apr 23 1993

Well Field Operation (GPM)						Air Stripper Operation					
Well	Well	Well	Well	Well	Well	Stripper Pressure	Blower	Air	Effluent	Op	Init
1	2	3	4	5	Flow	Flow	Filtr Flow	Air Flow	Pres	Flow	
11 PM: 224	257	200	210	200	1041	1035	1074	9813.4	0	0.508	BS
Midnite 223	257	201	211	200	1042	1035	1075	9813.4	0	0.062	PD
1 AM: 224	257	200	210	201	1040	1034	1075	9813.4	0	0.126	BS
2 AM: 224	258	197	208	200	1039	1036	1076	9813.4	0	0.191	PD
3 AM: 224	258	199	210	200	1038	1034	1075	9813.4	0	0.255	BS
4 AM: 220	257	200	210	200	1036	1035	1075	9813.4	0	0.318	PD
5 AM: 224	257	198	210	200	1043	1034	1075	9813.4	0	0.387	BS
6 AM: 224	257	199	208	200	1041	1035	1074	9813.4	0	0.446	PD

AVG.: 223 257 199 210 200 1040 1034.8 1074.9 9813.4 0 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:





TOWN OF OYSTER BAY
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**DAY
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Apr 23 1993

Well Field Operation (GPM)

	Well					Well System		Stripper Pressure			Blower		Air		Effluent Op	
	1	2	3	4	5	Flow	Flow	Flow	Filtr	Flow	Air	Pres	Flow	Flow	Init	
7 AM:	221	257	196	212	200	1037		1033	1074	9813.4	0	0.508			KN	
8 AM:	220	256	200	209	200	1040		1068	2	10166.4	0	0.062			FC	
9 AM:	219	258	200	211	200	1038		1051	1088	10590	0	0.125			MA	
10 AM:	218	257	202	212	200	1036		1044	1090	10590	0	0.188			KN	
11 AM:	224	256	201	211	198	1039		1039	1090	10590	0	0.255			FC	
Noon:	226	256	200	212	201	1040		1039	1087	10590	0	0.315			MA	
1 PM:	224	256	203	210	198	1043		1037	1085	10590	0	0.381			KN	
2 PM:	224	256	197	210	200	1040		1037	1084	10590	0	0.445			FC	

AVG.: 222 257 200 211 200 1039 1043.5 950 10440 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
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EVENING
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Apr 23 1993

Well Field Operation (GPM)

	Well Field Operation (GPM)					Air Stripper Operation				
	Well 1	Well 2	Well 3	Well 4	Well 5	Well System Flow	Stripper Pressure Flow	Blower Air Flow	Effluent Pres Flow	Op Init
3 PM:	224	257	200	212	200	1040	1037	1083	10590	0 0.507 BS
4 PM:	224	259	200	210	200	1042	1036	1082	9813.4	0 0.065 AC
5 PM:	223	257	200	209	197	1040	1036	1080	9813.4	0 0.129 BS
6 PM:	224	258	195	210	200	1042	1036	1079	9813.4	0 0.194 AC
7 PM:	224	256	199	212	200	1044	1035	1079	10166.4	0 0.259 BS
8 PM:	224	258	197	212	200	1043	1035	1078	9813.4	0 0.321 AC
9 PM:	222	257	202	208	199	1040	1035	1077	9813.4	0 0.385 BS
10 PM:	224	258	200	212	200	1043	1035	1077	9813.4	0 0.45 AC

AVG.:

224	258	199	211	200	1042	1035.6	1079.4	9954.6	0	

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:





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**NIGHT
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Apr 24 1993

Well Field Operation (GPM)

	Well					Stripper Pressure Blower					Air Effluent Op		
	1	2	3	4	5	Well System Flow	Flow	Filtr Flow	Air Flow	Pres	Air Flow	Effluent Flow	Init
11 PM:	223	258	197	212	200	1041	1035	1074	9813.4	0	0.514		MR
Midnite	0	283	204	225	200	872	1028	1058	9813.4	0	0.05		TF
1 AM:	0	283	198	226	200	865	1050	1068	9389.8	0	0.103		MR
2 AM:	0	283	200	228	201	876	1055	1061	10166.4	0	0.157		TF
3 AM:	0	283	199	228	200	876	1020	1079	10166.4	0	0.211		MR
4 AM:	0	284	204	227	200	868	1042	1080	10590	0	0.263		TF
5 AM:	0	284	202	228	200	863	1047	1080	10166.4	0	0.318		MR
6 AM:	0	283	193	228	200	876	1016	1078	9813.4	0	0.37		TF

AVG.: 27.9 280 200 225 200 892.1 1036.6 1072.3 9989.9 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
 Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

WELL# 1 SHUT DOWN AT 23:15 HRS. DUE TO MECHANICAL FAILURE OF THE SOLENOID VALVE.

WELL# 1



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DAY
SHIFT

Apr 24 1993

Well Field Operation (GPM) Air Stripper Operation

	Well Field Operation (GPM)					Air Stripper Operation					Op Init
	Well 1	Well 2	Well 3	Well 4	Well 5	System Flow	Stripper Flow	Pressure Flow	Blower Flow	Air Pres	
7 AM:	0	282	205	227	200	872	1035	1083	10166.4	0	0.428 KN
8 AM:	226	256	202	201	200	1042	1028	1076	10943	0	0.06 FC
9 AM:	228	256	198	209	200	1047	1031	1073	10590	0	0.122 KN
10 AM:	228	256	198	209	200	1043	1034	1070	10943	0	0.189 FC
11 AM:	229	256	199	210	200	1047	1035	1069	10590	0	0.253 KN
Noon:	127	256	199	209	200	1046	1036	1069	10943	0	0.312 FC
1 PM:	226	256	200	209	200	1043	1036	1069	10590	0	0.38 KN
2 PM:	226	256	200	210	199	1039	1037	1069	10590	0	0.442 FC

AVG.: 186 259 200 211 200 1022 1034 1072.3 10669 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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Apr 24 1993

Well Field Operation (GPM)

	Well 1	Well 2	Well 3	Well 4	Well 5	Well System	Stripper Pressure	Flow	Filtr Flow	Air Flow	Blower Pres	Air Effluent Flow	Op Init
3 PM:	227	256	200	211	200	1046	1037	1069	10590	0	0.506		KN
4 PM:	228	156	196	211	200	1046	1036	1069	10590	0	0.059		FC
5 PM:	228	256	198	210	200	1046	1038	1067	10166.4	0	0.127		KN
6 PM:	228	255	202	209	200	1042	1037	1068	10166.4	0	0.187		FC
7 PM:	228	256	197	209	200	1044	1038	1066	10166.4	0	0.251		KN
8 PM:	228	256	201	208	200	1044	1037	1068	10590	0	0.317		FC
9 PM:	227	256	200	210	201	1043	1037	1068	10166.4	0	0.38		KN
10 PM:	227	256	198	208	195	1042	1062	1082	10166.4	0	0.435		FC

AVG.: 228 243 199 210 200 1044 1040.3 1069.6 10325 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report



TOWN OF OYSTER BAY
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**NIGHT
SHIFT**

Apr 25 1993

Well Field Operation (GPM)										Air Stripper Operation				
Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Stripper Pressure	Blower Air	Effluent Flow	Op	Init
1	2	3	4	5	Flow	Flow	Flow	Flow	Flow	Filtr Flow	Air Flow	Pres	Flow	
11 PM: 227	256	200	209	200	1041	1053	1080	10166.4	0	0.499	DL			
Midnite: 227	255	203	211	200	1044	1048	1083	10590	0	0.063	TF			
1 AM: 228	256	202	210	200	1041	1045	1080	10166.4	0	0.128	DL			
2 AM: 228	256	196	210	200	1044	1043	1070	10166.4	0	0.191	TF			
3 AM: 228	256	202	210	200	1045	1041	1078	9813.4	0	0.254	DL			
4 AM: 227	256	199	209	200	1043	1040	1078	9813.4	0	0.318	TF			
5 AM: 227	255	203	209	200	1045	1041	1076	9813.4	0	0.387	DL			
6 AM: 228	256	201	208	200	1040	1041	1078	9813.4	0	0.449	TF			
AVG.:										1044	1077.9	10043	0	

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
 Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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DAY
SHIFT

Apr 25 1993

Well Field Operation (GPM)										Air Stripper Operation				
Well	Well	Well	Well	Well	Well	System	Flow	Stripper Pressure	Flow	Filtr Flow	Air Flow	Pres	Air Effluent Flow	Op Init
1	2	3	4	5										
7 AM: 228	256	198	210	199		1046	1040	1074	9813.4	0	0.512	KN		
8 AM: 226	256	202	211	200		1044	1039	1072	10166.4	0	0.064	FC		
9 AM: 228	256	202	211	200		1047	1039	1072	10166.4	0	0.126	KN		
10 AM: 228	256	196	210	200		1046	1039	1067	10166.4	0	0.192	FC		
11 AM: 228	256	196	210	200		1044	1038	1071	10166.4	0	0.258	KN		
Noon: 229	256	197	209	200		1043	1039	1072	10590	0	0.318	FC		
1 PM: 228	255	199	210	200		1044	1040	1071	10166.4	0	0.383	KN		
2 PM: 228	256	197	210	200		1046	1040	1071	9813.4	0	0.447	FC		

AVG.: 228 256 198 210 200 200 1045 1039.3 1071.3 10131 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons). Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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EVENING
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Apr 25 1993

Well Field Operation (GPM)

	Well Field Operation (GPM)					Air Stripper Operation					Op Init
	Well 1	Well 2	Well 3	Well 4	Well 5	System Flow	Stripper Pressure Flow	Blower Flow	Air Flow	Effluent Pres	
3 PM:	228	256	198	209	199	1045	1039	1071	10166.4	0	KN
4 PM:	228	256	199	210	200	1048	1040	1069	10166.4	0	FC
5 PM:	229	256	201	209	200	1047	1040	1065	10166.4	0	KN
6 PM:	228	256	198	209	201	1044	1039	1070	9813.4	0	FC
7 PM:	228	256	200	210	200	1047	1039	1069	10166.4	0	FC
8 PM:	228	256	199	211	198	1042	1039	1070	10166.4	0	KN
9 PM:	228	256	199	209	200	1047	1039	1070	10166.4	0	KN
10 PM:	228	256	197	209	201	1039	1039	1077	10166.4	0	FC

AVG.: 228 256 199 210 200 1045 1039.3 1070.1 10122 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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NIGHT
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Apr 26 1993

Well Field Operation (GPM)										Air Stripper Operation			
Well	Well	Well	Well	Well	Well	System	Stripper Pressure	Blower	Air	Effluent Op			
1	2	3	4	5	Flow	Flow	Flow	Filtr Flow	Air Flow	Pres	Flow	Flow	Init
11 PM: 227	256	200	208	200	1037	1038	1075	9813.4	0	0.505	DL		
Midnite: 228	256	200	209	200	1043	1036	1073	9813.4	0	0.061	PD		
1 AM: 228	254	198	210	200	1041	1035	1073	9813.4	0	0.12	DL		
2 AM: 227	256	200	209	198	1040	1035	1063	9813.4	0	0.185	PD		
3 AM: 226	252	201	208	200	1044	1035	1067	9813.4	0	0.249	DL		
4 AM: 227	253	200	209	200	1044	1034	1069	9813.4	0	0.311	PD		
5 AM: 227	254	201	209	200	1040	1036	1064	9813.4	0	0.374	DL		
6 AM: 228	256	202	208	200	1042	1034	1066	9813.4	0	0.437	PD		

AVG.: 227 255 200 209 200 1041 1035.4 1068.8 9813.4 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

DAY
SHIFT

Apr 26 1993

Well Field Operation (GPM) Air Stripper Operation

	Well Field Operation (GPM)					Air Stripper Operation				
	Well 1	Well 2	Well 3	Well 4	Well 5	System Flow	Stripper Pressure	Blower Air Flow	Effluent Flow	Op Init
7 AM:	227	256	203	208	201	1044	1035	1066	9813.4	0 0.501
8 AM:	227	256	196	209	200	1042	1033	1066	10166.4	0 0.062
9 AM:	228	254	198	209	200	1042	1034	1068	10166.4	0 0.125
10 AM:	227	254	200	208	200	1042	1033	1068	9813.4	0 0.188
11 AM:	227	256	200	210	200	1043	1034	1066	9813.4	0 0.253
Noon:	228	256	200	209	196	1042	1034	1065	10166.4	0 0.314
1 PM:	228	256	199	208	200	1040	1035	1067	10166.4	0 0.378
2 PM:	227	256	198	208	200	1045	1035	1068	10166.4	0 0.442
AVG.:	227	256	199	209	200	1043	1034.1	1066.8	10034	0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:





TOWN OF OYSTER BAY
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GROUNDWATER TREATMENT FACILITY
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EVENING
SHIFT

Apr 26 1993

Well Field Operation (GPM)						Air Stripper Operation					
Well 1	Well 2	Well 3	Well 4	Well 5	System Flow	Stripper Flow	Pressure Filtr Flow	Blower Air Flow	Air Effluent Flow	Op Init	
3 PM: 227	256	200	209	197	1042	1034	1068	10590	0	0.505	BS
4 PM: 226	256	199	208	200	1043	1034	1067	10590	0	0.063	AC
5 PM: 227	255	200	208	200	1044	1035	1068	10166.4	0	0.127	BS
6 PM: 227	255	198	209	200	1042	1035	1067	9813.4	0	0.19	AC
7 PM: 226	255	199	208	201	1041	1034	1068	10166.4	0	0.254	BS
8 PM: 226	255	199	208	200	1041	1035	1066	10166.4	0	0.318	AC
9 PM: 228	254	198	209	200	1041	1033	1065	10166.4	0	0.381	BS
10 PM: 228	256	201	208	200	1042	1035	1068	10166.4	0	0.445	AC

AVG.: 227 255 199 208 200 1042 1034.4 1067.1 10228 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report



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NIGHT
SHIFT

Apr 27 1993

Well Field Operation (GPM)

	Well Field Operation (GPM)					Air Stripper Operation					Op Init
	Well 1	Well 2	Well 3	Well 4	Well 5	Well System Flow	Stripper Pressure Flow	Blower Air Flow	Effluent Pres	Flow	
11 PM:	227	256	196	209	200	1041	1035	1066	10166.4	0	0.507
Midnite	228	254	202	208	197	1042	1035	1067	10166.4	0	0.062
1 AM:	225	252	201	208	200	1044	1033	1067	10166.4	0	0.126
2 AM:	227	256	200	208	200	1038	1035	1068	10590	0	0.189
3 AM:	226	256	201	209	199	1043	1035	1067	10590	0	0.251
4 AM:	226	256	198	210	201	1043	1035	1068	10943	0	0.318
5 AM:	227	256	198	209	200	1043	1035	1067	10943	0	0.378
6 AM:	228	256	200	209	200	1040	1034	1068	11649	0	0.445

AVG.:

227	255	200	209	200	1042	1034.6	1067.3	10652	0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:



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DAY
SHIFT

Apr 27 1993

Well Field Operation (GPM)					Air Stripper Operation				
Well	Well	Well	Well	Well	Stripper Pressure	Blower	Air Flow	Effluent Flow	Op Init
1	2	3	4	5	Flow	Filtr Flow	Air Flow	Pres	Flow
7 AM: 228	256	203	208	201	1040	1035	1067	9813.4	0 0.506
8 AM: 225	248	200	208	200	1045	1035	1067	9813.4	0 0.064
9 AM: 227	253	201	208	200	1039	1034	1067	9813.4	0 0.13
10 AM: 228	255	197	208	200	1042	1032	1067	9813.4	0 0.192
11 AM: 227	254	198	208	200	1040	1033	1065	9813.4	0 0.251
Noon: 227	253	200	208	200	1045	1034	1066	9813.4	0 0.318
1 PM: 227	256	199	208	200	1040	1032	1067	9813.4	0 0.367
2 PM: 228	255	199	209	200	1044	1035	1063	9813.4	0 0.429
AVG.: 227	254	200	208	200	1042	1033.8	1066.1	9813.4	0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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GROUNDWATER TREATMENT FACILITY
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EVENING
SHIFT

Apr 27 1993

Well Field Operation (GPM)						Air Stripper Operation			
Well 1	Well 2	Well 3	Well 4	Well 5	System Flow	Stripper Pressure Flow	Blower Air Flow	Effluent Pres Flow	Op Init
3 PM: 228	256	199	209	200	1044	1035	1068	10590	0 0.493 BS
4 PM: 228	256	199	209	198	1043	1034	1068	9813.4	0 0.062 AC
5 PM: 227	254	200	208	200	1042	1034	1067	9813.4	0 0.126 BS
6 PM: 228	256	198	209	200	1043	1035	1068	9813.4	0 0.188 AC
7 PM: 227	256	202	208	200	1044	1035	1066	10166.4	0 0.252 BS
8 PM: 228	256	202	208	200	1044	1033	1067	10166.4	0 0.314 AC
9 PM: 228	255	200	208	200	1043	1033	1066	10166.4	0 0.377 BS
10 PM: 228	256	196	208	200	1039	1033	1067	10166.4	0 0.442 AC
AVG.: 228	256	200	208	200	1043	1034	1067.1	10087	0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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GROUNDWATER TREATMENT FACILITY
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**NIGHT
SHIFT**

APR 28 1993

Well Field Operation (GPM)						Air Stripper Operation					
Well	Well	Well	Well	Well	Well	Stripper Pressure	Blower	Air	Effluent	Op	Init
1	2	3	4	5	Flow	Flow	Filtr Flow	Air Flow	Pres	Flow	
11 PM: 228	251	201	208	200	1042	1032	1062	9813.4	0	0.505	DL
Midnite 224	256	200	208	200	1041	1034	1066	9813.4	0	0.066	PD
1 AM: 227	256	197	209	200	1042	1034	1066	9813.4	0	0.126	DL
2 AM: 228	256	203	208	200	1042	1034	1066	9813.4	0	0.188	PD
3 AM: 228	256	202	208	200	1044	1033	1067	9813.4	0	0.251	DL
4 AM: 228	253	202	207	200	1042	1031	1066	9813.4	0	0.32	PD
5 AM: 228	256	203	208	200	1038	1033	1066	9813.4	0	0.38	DL
6 AM: 228	255	200	207	200	1043	1033	1066	9813.4	0	0.443	PD
AVG.: 227 255 201 208 200 1042						1033	1065.6	9813.4	0		

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
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DAY
SHIFT

Apr 28 1993

Well Field Operation (GPM) Air Stripper Operation

Well	Well	Well	Well	Well	Well	System	Stripper Pressure	Blower	Air	Effluent	Op
1	2	3	4	5	Flow	Flow	Flow	Flow	Pres	Flow	Init
7 AM: 224	256	201	208	200	1041	1034	1068	10590	0	0.506	TF
8 AM: 228	254	201	208	200	1043	1033	1066	10590	0	0.062	MA
9 AM: 228	256	199	209	198	1039	1032	1062	10590	0	0.126	TF
10 AM: 227	255	201	209	200	1042	1032	1061	9813.4	0	0.19	MA
11 AM: 227	256	197	209	200	1040	1033	1067	9813.4	0	0.253	TF
Noon: 225	256	200	208	197	1044	1033	1062	9813.4	0	0.317	MA
1 PM: 227	256	199	208	200	1043	1033	1066	9813.4	0	0.381	TF
2 PM: 225	255	202	208	200	1042	1033	1066	10590	0	0.443	MA

AVG.: 226 256 200 208 199 1042 1032.9 1064.8 10202 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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EVENING
SHIFT

Apr 28 1993

Well Field Operation (GPM)										Air Stripper Operation				
Well	Well	Well	Well	Well	Well	System	Stripper	Pressure	Blower	Air	Effluent	Op		
1	2	3	4	5	Flow	Flow	Flow	Filtr	Air	Flow	Pres	Flow	Init	
3 PM: 228	256	200	208	200	1039		1033	1064	9813.4	0	0.507	MR		
4 PM: 228	256	197	209	200	1041		1032	1065	10166.4	0	0.062	AC		
5 PM: 224	255	201	208	200	1043		1034	1066	10590	0	0.124	MR		
6 PM: 228	256	196	208	200	1040		1035	1067	10590	0	0.188	AC		
7 PM: 228	255	200	208	200	1044		1034	1066	10590	0	0.251	DL		
8 PM: 228	254	201	208	200	1043		1032	1066	10166.4	0	0.314	AC		
9 PM: 227	256	198	209	200	1041		1032	1065	10590	0	0.378	DL		
10 PM: 228	256	198	208	200	1040		1034	1067	10590	0	0.437	AC		
AVG.:							1033.3	1065.8	10387	0				

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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NIGHT
SHIFT

Apr 29 1993

Well Field Operation (GPM)										Air Stripper Operation				
Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Stripper Pressure	Blower	Air Flow	Effluent Flow	Op Init
1	2	3	4	5	6	7	8	9	10	Flow	Filtr Flow	Air Flow	Pres	Flow
11 PM: 228	256	196	208	200	1043					1033	1067	10590	0	0.505
Midnite 227	256	196	209	198	1041					1033	1066	10166.4	0	0.061
1 AM: 226	256	199	208	200	1041					1033	1066	10166.4	0	0.13
2 AM: 226	256	199	209	200	1043					1033	1066	10166.4	0	0.191
3 AM: 227	256	200	209	200	1041					1033	1066	10166.4	0	0.251
4 AM: 227	256	198	208	200	1040					1032	1066	10943	0	0.317
5 AM: 226	255	196	208	200	1037					1032	1065	10943	0	0.385
6 AM: 225	255	201	209	200	1040					1032	1066	10943	0	0.442
AVG.:										1032.6	1066	10511	0	

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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TOWN OF OYSTER BAY
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DAILY OPERATIONS REPORT

DAY
SHIFT

Apr 29 1993

Well Field Operation (GPM) Air Stripper Operation

	Well 1	Well 2	Well 3	Well 4	Well 5	System Flow	Stripper Flow	Pressure Filtr Flow	Blower Air Flow	Air Pres	Effluent Flow	Op Init
7 AM:	228	256	200	209	201	1035	1031	1065	10543	0	0.507	MA
8 AM:	225	256	202	208	200	1042	1033	1064	10543	0	0.062	PD
9 AM:	226	256	198	208	200	1041	1032	1065	10543	0	0.123	MA
10 AM:	228	255	201	208	200	1043	1031	1065	10543	0	0.187	PD
11 AM:	226	255	202	208	200	1042	1032	1064	10543	0	0.251	MA
Noon:	224	255	200	208	201	1041	1031	1065	10543	0	0.31	PD
1 PM:	227	256	201	200	203	1031	1034	1065	10543	0	0.377	MA
2 PM:	226	255	200	200	200	1042	1033	1065	10543	0	0.442	PD

AVG.: 226 256 201 206 201 1040 1032.1 1064.8 10543 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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**EVENING
SHIFT**

Apr 29 1993

Well Field Operation (GPM)							Air Stripper Operation						
Well 1	Well 2	Well 3	Well 4	Well 5	Well System Flow	Stripper Flow	Stripper Pressure Flow	Blower Flow	Air Flow	Effluent Pres	Op Flow	Init	
3 PM:	226	255	197	208	197	1038	1032	1062	10590	0	0.504	BS	
4 PM:	228	256	196	208	200	1041	1032	1065	10590	0	0.064	AC	
5 PM:	226	256	203	208	199	1043	1033	1063	10590	0	0.128	BS	
6 PM:	228	254	202	208	200	1043	1031	1065	10590	0	0.19	AC	
7 PM:	228	256	200	208	200	1041	1032	1066	10590	0	0.252	BS	
8 PM:	228	255	200	208	198	1040	1032	1065	10590	0	0.316	AC	
9 PM:	225	256	202	208	200	1041	1031	1065	10590	0	0.381	BS	
10 PM:	224	252	199	208	200	1040	1032	1065	10590	0	0.443	AC	

AVG.: 227 255 200 208 199 1041 1031.9 1064.5 10590 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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DAILY OPERATIONS REPORT

NIGHT
SHIFT

Apr 30 1993

Well Field Operation (GPM)						Air Stripper Operation					
Well	Well	Well	Well	Well	System	Stripper Pressure	Blower Air	Effluent Op			
1	2	3	4	5	Flow	Flow	Flow	Flow	Flow	Flow	Init
11 PM:	228	255	196	200	200	1042	1033	1066	10166.4	0	0.485
Midnite	224	256	198	208	200	1038	1033	1063	10166.4	0	0.06
1 AM:	225	255	196	209	200	1039	1034	1066	10166.4	0	0.126
2 AM:	228	256	199	208	200	1035	1031	1066	10166.4	0	0.189
3 AM:	224	255	202	209	200	1040	1032	1065	10166.4	0	0.255
4 AM:	226	256	200	208	200	1038	1031	1063	10166.4	0	0.314
5 AM:	224	256	198	208	200	1040	1029	1064	10166.4	0	0.378
6 AM:	226	256	202	207	199	1039	1031	1064	10166.4	0	0.439

AVG.: 226 256 199 207 200 1039 1031.8 1064.6 10166 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
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DAY
SHIFT

Apr 30 1993

Well Field Operation (GPM)										Air Stripper Operation				
Well	Well	Well	Well	Well	Well	System	Flow	Stripper Pressure	Blower Air	Effluent Op				
1	2	3	4	5	Flow			Flow	Flow	Flow	Pres	Flow	Flow	Init
7 AM: 227	255	199	208	200	1035		1031	1063	10590	0	0.487	KN		
8 AM: 228	256	202	208	199	1045		1001	1239	10590	0	0.063	MA		
9 AM: 228	256	200	209	201	1042		1013	1050	10590	0	0.13	KN		
10 AM: 226	255	198	208	200	1038		1020	1050	10590	0	0.194	MA		
11 AM: 228	256	198	210	200	1046		995	1070	10590	0	0.256	KN		
Noon: 227	256	200	208	196	1043		1009	1062	10590	0	0.317	MA		
1 PM: 228	255	200	208	200	1038		1017	1057	10590	0	0.38	KN		
2 PM: 225	256	199	209	200	1042		1022	1057	10590	0	0.445	MA		
AVG.:	227	256	200	209	200	1041	1013.5	1081	10590	0				

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:



Daily Operations Report

**EVENING
SHIFT**

Apr	30	1993

Air Stripper Operation

	Well 1	Well 2	Well 3	Well 4	Well 5	System Flow	Stripper Flow	Pressure Filtr Flow	Blower Air Flow	Air Pres	Effluent Flow	Op Init
3 PM:	224	253	199	208	200	1039	1026	1057	10166.4	0	0.507	BS
4 PM:	226	256	196	208	200	1038	1028	1057	10590	0	0.063	AC
5 PM:	225	250	200	209	199	1036	1030	1058	10590	0	0.126	BS
6 PM:	225	250	200	209	199	1036	1030	1060	10166.4	0	0.188	AC
7 PM:	227	256	202	208	196	1041	1032	1061	10590	0	0.25	BS
8 PM:	226	253	198	208	200	1039	1032	1062	10590	0	0.314	AC
9 PM:	228	256	197	209	200	1041	1033	1062	10590	0	0.378	BS
10 PM:	227	256	202	208	198	1039	1032	1062	10590	0	0.441	AC

AVG.:

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons). Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:



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DAY
SHIFT

May 1 1993

Well Field Operation (GPM)						Air Stripper Operation					
Well	Well	Well	Well	Well	Well	Stripper Pressure	Blower	Air	Effluent	Op	
1	2	3	4	5	Flow	Flow	Filtr Flow	Air Flow	Pres	Flow	Init
7 AM: 226	251	202	208	197	1040	1355	1070	10166.4	0	0.507	KN
8 AM: 227	256	199	208	200	1038	1050	1075	10590	0	0.059	FC
9 AM: 228	254	200	208	200	1042	1043	1074	10166.4	0	0.124	KN
10 AM: 227	256	200	209	200	1039	1040	1074	10590	0	0.187	FC
11 AM: 227	256	199	208	200	1040	1038	1074	10590	0	0.255	KN
Noon: 228	255	200	209	200	1038	1037	1073	10166.4	0	0.217	FC
1 PM: 228	256	200	208	200	1042	1035	1070	10166.4	0	0.379	KN
2 PM: 226	256	201	208	199	1043	1034	1071	10590	0	0.444	FC

AVG.: 227 255 200 208 200 1040 1079 1072.6 10378 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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**EVENING
SHIFT**

May 1 1993

Well Field Operation (GPM)

	Well Field Operation (GPM)					Air Stripper Operation				
	Well 1	Well 2	Well 3	Well 4	Well 5	Well System Flow	Stripper Pressure Flow	Blower Air Flow	Effluent Pres Flow	Op Init
3 PM:	227	255	198	209	202	1040	1035	1070	10166.4	0 0.505 KN
4 PM:	228	256	199	208	200	1038	1035	1069	10166.4	0 0.067 FC
5 PM:	227	256	202	209	199	1042	1035	1069	10590	0 0.127 KN
6 PM:	227	256	200	209	200	1045	1034	1068	10166.4	0 0.192 FC
7 PM:	228	255	200	209	200	1045	1035	1065	10166.4	0 0.254 KN
8 PM:	228	256	196	210	200	1039	1035	1068	10166.4	0 0.317 FC
9 PM:	227	256	202	209	200	1040	1033	1067	10590	0 0.382 KN
10 PM:	227	255	201	208	200	1042	1034	1065	10166.4	0 0.442 FC

3 PM:

4 PM:

5 PM:

6 PM:

7 PM:

8 PM:

9 PM:

10 PM:

AVG.:

227 256 200 209 200 1041

1034.5 1067.6 10272 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:



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Daily Operations Report



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

NIGHT
SHIFT

May 1 1993

Well Field Operation (GPM)										Air Stripper Operation			
Well	Well	Well	Well	Well	Well	System	Stripper	Pressure	Blower	Air	Effluent	Op	
1	2	3	4	5	Flow	Flow	Flow	Filtr Flow	Air Flow	Pres	Flow	Init	
11 PM:	225	256	199	208	196	1038	1033	1063	10590	0	0.505	BS	
Midnite	227	256	197	209	200	1041	1033	1063	10590	0	0.062	AC	
1 AM:	226	256	199	209	200	1038	1032	1062	10590	0	0.125	BS	
2 AM:	226	254	197	208	200	1038	1033	1064	10166.4	0	0.189	AC	
3 AM:	226	256	201	208	200	1040	1031	1064	10166.4	0	0.253	BS	
4 AM:	226	255	199	208	200	1039	1032	1065	10166.4	0	0.316	AC	
5 AM:	228	254	199	209	200	1041	1031	1065	10166.4	0	0.379	BS	
6 AM:	228	256	201	208	200	1040	1032	1065	10166.4	0	0.441	AC	

AVG.: 227 255 199 208 200 1039 1032.1 1063.9 10325 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

11 PM

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DAY
SHIFT

May 2 1993

Well Field Operation (GPM)					Air Stripper Operation				
Well	Well	Well	Well	Well	Stripper Pressure	Blower	Air Effluent	Op	
1	2	3	4	5	Flow	Flow	Flow	Flow	Init
7 AM: 227	256	197	209	198	1042	1034	1067	10166.4	0 0.512 KN
8 AM: 227	256	197	208	200	1042	1033	1067	10590	0 0.062 FC
9 AM: 228	256	200	209	200	1046	1036	1077	10590	0 0.123 KN
10 AM: 227	255	198	209	197	1041	1055	1059	9813.4	0 0.189 FC
11 AM: 226	256	201	208	200	1043	1046	1062	10166.4	0 0.251 KN
Noon: 227	255	201	209	200	1043	1042	1068	10166.4	0 0.314 FC
1 PM: 228	256	200	211	199	1043	1040	1069	10166.4	0 0.38 KN
2 PM: 227	256	202	208	200	1041	1040	1070	10590	0 0.444 FC

AVG.: 227 256 200 209 199 1043 1040.8 1067.4 10281 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:



Daily Operations Report



EVENING SHIFT

May	2	1993

Well Field Operation (GPM)	Air Stripper Operation
1000	1000
2000	2000
3000	3000
4000	4000
5000	5000
6000	6000
7000	7000
8000	8000
9000	9000
10000	10000

	Well 1	Well 2	Well 3	Well 4	Well 5	System Flow	Stripper Flow	Pressure Flow	Blower Air Flow	Air Pres	Effluent Flow	Op Init
3 PM:	228	256	196	208	200	1045	1038	1071	10590	0	0.504	KN
4 PM:	227	256	199	210	194	1044	1036	1070	10590	0	0.065	FC
5 PM:	228	256	199	209	200	1043	1036	1068	10166.4	0	0.129	KN
6 PM:	228	256	197	209	200	1046	1035	1070	10590	0	0.189	FC
7 PM:	228	256	197	209	200	1046	1037	1069	10166.4	0	0.253	KN
8 PM:	227	256	202	210	196	1043	1035	1067	10590	0	0.315	FC
9 PM:	228	256	203	208	200	1042	1035	1067	10590	0	0.379	KN
10 PM:	228	256	200	209	200	1046	1035	1067	10590	0	0.443	FC

AVG.:

1035.9	1068.6	10484	0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons). Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:



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NIGHT
SHIFT

May 2 1993

Well Field Operation (GPM)						Air Stripper Operation			
Well	Well	Well	Well	Well	5	Flow	Strripper Pressure	Blower Air Flow	Effluent Op
1	2	3	4	5	Flow	Flow	Flow	Pres	Init
11 PM:	227	254	203	209	200	1042	1035	1066	0.502
Midnite	227	255	199	208	200	1039	1034	1067	0.061
1 AM:	227	255	201	209	200	1042	1035	1068	0.127
2 AM:	227	256	200	209	200	1045	1035	1067	0.19
3 AM:	227	255	202	210	198	1043	1035	1067	0.253
4 AM:	227	255	201	208	199	1041	1034	1064	0.321
5 AM:	227	255	201	210	199	1043	1035	1066	0.384
6 AM:	228	256	199	210	200	1039	1035	1066	0.445

AVG.:	227	255	201	209	200	1042	1034.8	1066.4	10166	0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:



Daily Operations Report



DAY	SHIFT

May	3	1993

Air Stripper Operation

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons). Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:



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EVENING
SHIFT

May 3 1993

Well Field Operation (GPM)						Air Stripper Operation					
Well	Well	Well	Well	Well	Well	Stripper Pressure	Blower	Air	Effluent	Op	Init
1	2	3	4	5	Flow	Flow	Filtr Flow	Air Flow	Pres	Flow	
3 PM: 228	255	203	209	197	1045	1037	1065	10166.4	0	0.496	BS
4 PM: 227	256	196	210	200	1042	1035	1065	9813.4	0	0.062	AC
5 PM: 227	256	200	211	200	1045	1036	1067	10166.4	0	0.126	BS
6 PM: 228	254	197	209	200	1041	1035	1066	10166.4	0	0.188	AC
7 PM: 228	256	199	208	200	1042	1034	1066	9813.4	0	0.251	BS
8 PM: 228	255	202	208	198	1044	1036	1067	10166.4	0	0.314	AC
9 PM: 228	256	201	210	196	1045	1035	1066	10166.4	0	0.37	BS
10 PM: 228	256	198	209	200	1043	1034	1067	10166.4	0	0.448	AC

AVG.: 228 256 200 209 199 1043 1035.3 1066.1 10078 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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NIGHT
SHIFT

May 3 1993

Well Field Operation (GPM)						Air Stripper Operation				
Well	Well	Well	Well	Well	Well	Stripper Pressure	Blower Air	Effluent Op		
1	2	3	4	5	Flow	Flow	Filtr Flow	Flow Pres	Flow	Init
11 PM: 228	256	202	209	200	1042	1035	1069	10166.4	0	0.505
Midnite 228	256	200	210	200	1047	1035	1069	10166.4	0	0.065
1 AM: 228	257	196	210	201	1041	1035	1069	10166.4	0	0.132
2 AM: 228	256	200	208	200	1047	1036	1068	9389.8	0	0.194
3 AM: 228	256	200	210	199	1042	1036	1068	9813.4	0	0.26
4 AM: 228	256	202	208	200	1042	1035	1068	9813.4	0	0.325
5 AM: 227	256	202	208	200	1044	1036	1068	9813.4	0	0.39
6 AM: 228	256	202	209	200	1042	1032	1065	9813.4	0	0.449

AVG.: 228 256 201 209 200 1043 1035 1068 9892.8 0 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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DAY
SHIFT

May 4 1993

Well Field Operation (GPM)						Air Stripper Operation					
Well	Well	Well	Well	Well	Well	Stripper Pressure	Blower	Air Effluent	Op	Init	
1	2	3	4	5	Flow	Flow	Filtr Flow	Air Flow	Pres	Flow	
7 AM: 227	253	200	208	200	1041	1035	1065	10590	0	0.504	FC
8 AM: 227	254	199	209	200	1045	1034	1065	10590	0	0.064	MA
9 AM: 227	256	199	209	202	1041	1034	1065	10590	0	0.126	FC
10 AM: 228	256	200	208	200	1043	1034	1066	10166.4	0	0.191	MA
11 AM: 229	256	197	210	201	1044	1034	1067	10166.4	0	0.258	FC
Noon: 228	256	204	209	200	1043	1033	1068	10166.4	0	0.321	MA
1 PM: 228	256	197	208	201	1044	1035	1067	10166.4	0	0.381	FC
2 PM: 228	251	203	208	200	1042	1035	1067	10166.4	0	0.447	MA

AVG.: 228 255 200 209 201 1043 1034.3 1066.3 10325 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:



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EVENING
SHIFT

May 4 1993

Well Field Operation (GPM)						Air Stripper Operation					
Well	Well	Well	Well	Well	Well	Stripper Pressure	Blower	Air	Effluent	Op	Init
1	2	3	4	5	Flow	Flow	Filtr Flow	Air Flow	Pres	Flow	Flow
3 PM: 228	254	200	209	197	1043	1035	1064	10166.4	0	0.507	BS
4 PM: 227	254	200	208	201	1046	1035	1067	10590	0	0.064	AC
5 PM: 228	255	198	208	200	1045	1035	1068	10590	0	0.126	BS
6 PM: 228	255	201	209	200	1046	1036	1068	10166.4	0	0.189	AC
7 PM: 228	256	197	211	200	1043	1035	1069	10166.4	0	0.253	BS
8 PM: 225	253	222	208	200	1058	1036	1067	9813.4	0	0.316	AC
9 PM: 226	252	221	208	200	1059	1040	1068	9813.4	0	0.379	BS
10 PM: 225	252	222	208	200	1057	1043	1071	10166.4	0	0.444	AC

AVG.: 227 254 208 209 200 1050 1036.9 1067.8 10184 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:



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**NIGHT
SHIFT**

May 4 1993

Well Field Operation (GPM)					Air Stripper Operation				
Well	Well	Well	Well	Well	Stripper Pressure	Blower	Air Effluent	Op	Init
1	2	3	4	5	Flow	Filtr Flow	Air Flow	Pres	Flow
11 PM: 229	256	199	208	200	1045	1035	1068	9813.4	0 0.507
Midnite 228	255	198	210	200	1045	1036	1068	9813.4	0 0.065
1 AM: 227	255	201	207	200	1045	1035	1068	9813.4	0 0.125
2 AM: 227	256	201	208	200	1045	1035	1068	9813.4	0 0.188
3 AM: 227	256	200	208	200	1043	1035	1065	9813.4	0 0.255
4 AM: 227	255	200	210	200	1041	1035	1065	9813.4	0 0.315
5 AM: 228	256	196	210	210	1042	1034	1060	9813.4	0 0.38
6 AM: 228	256	199	209	200	1038	1034	1062	10166.4	0 0.442

AVG.: 228 256 199 209 201 1043 1034.9 1065.5 9857.5 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

LAB

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Daily Operations Report



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DAY
SHIFT

May 5 1993

Well Field Operation (GPM)							Air Stripper Operation					
Well	Well	Well	Well	Well	Well	Well	Stripper Pressure	Blower	Air	Effluent	Op	
1	2	3	4	5	Flow	Flow	Flow	Filtr Flow	Air Flow	Pres	Flow	Init
7 AM:	225	251	219	208	200	1055	1045	1070	10166.4	0	0.512	MA
8 AM:	225	252	219	207	200	1055	1046	1064	10166.4	0	0.065	PD
9 AM:	225	252	220	207	200	1055	1046	1074	10166.4	0	0.131	MA
10 AM:	224	253	220	209	200	1055	1047	1047	10166.4	0	0.196	PD
11 AM:	224	252	219	208	200	1055	1047	1054	10166.4	0	0.263	MA
Noon:	224	252	216	208	200	1055	1047	1053	10166.4	0	0.325	PD
1 PM:	224	252	216	208	200	1055	1048	1066	10166.4	0	0.386	MA
2 PM:	225	252	220	208	200	1055	1048	1067	10166.4	0	0.449	PD
AVG.:	225	252	219	208	200	1055	1046.8	1061.9	10166	0		

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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Daily Operations Report



**EVENING
SHIFT**

May	5	1993

Air Stripper Operation

	Well 1	Well 2	Well 3	Well 4	Well 5	System Flow	Stripper Flow	Pressure Filtr Flow	Blower Air Flow	Air Pres	Effluent Flow	Op Init
3 PM:	226	252	220	208	197	1056	1048	1071	10166.4	0	0.509	BS
4 PM:	224	253	220	208	200	1055	1047	1228	10166.4	0	0.068	AC
5 PM:	224	252	217	208	200	1054	1047	1051	10590	0	0.134	BS
6 PM:	225	252	217	208	198	1054	1047	1058	10166.4	0	0.197	AC
7 PM:	225	251	220	205	200	1054	1048	1066	10590	0	0.261	BS
8 PM:	224	252	219	208	201	1055	1047	1069	10166.4	0	0.322	AC
9 PM:	224	253	219	208	200	1055	1045	1072	10166.4	0	0.385	BS
10 PM:	225	252	219	208	201	1055	1048	1089	10166.4	0	0.449	AC

AVG.:

225	252	219	208	200	1055	1047.1	1088	10272	0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons). Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:



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NIGHT
SHIFT

May 5 1993

Well Field Operation (GPM)						Air Stripper Operation					
Well	Well	Well	Well	Well	Well	Stripper Pressure	Blower	Air	Effluent	Op	
1	2	3	4	5	Flow	Flow	Filtr Flow	Air Flow	Pres	Flow	Init
11 PM: 226	252	201	208	200	1045	1042	1072	10590	0	0.508	DL
Midnite 224	251	220	208	200	1058	1043	1072	10590	0	0.06	PD
1 AM: 226	252	222	202	200	1057	1044	1070	10166.4	0	0.128	DL
2 AM: 224	252	220	207	200	1055	1045	1015	10166.4	0	0.19	PD
3 AM: 224	252	218	202	200	1055	1047	1225	10166.4	0	0.26	DL
4 AM: 224	252	218	202	200	1055	1047	1056	10166.4	0	0.323	PD
5 AM: 224	253	220	208	200	1055	1047	1063	10166.4	0	0.386	DL
6 AM: 224	253	220	208	200	1055	1047	1067	10166.4	0	0.45	PD
AVG.:						1045.3	1080	10272	0		

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:



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DAY
SHIFT

May 6 1993

Well Field Operation (GPM)						Air Stripper Operation					
Well	Well	Well	Well	Well	Well	Stripper Pressure	Air Flow	Air Flow	Effluent Flow	Op	Init
1	2	3	4	5	Flow	Flow	Filtr	Air	Pres	Flow	
7 AM: 226	252	218	208	200	1054	1048	1083	10166.4	0	0.516	FC
8 AM: 225	252	217	208	200	1054	1045	1082	10166.4	0	0.063	MA
9 AM: 227	252	217	208	200	1054	1047	1081	10590	0	0.129	FC
10 AM: 226	252	219	208	202	1054	1048	1077	10166.4	0	0.193	MA
11 AM: 224	252	215	208	198	1054	1047	1081	10943	0	0.258	FC
Noon: 225	254	218	201	200	1055	1047	1082	10590	0	0.32	MA
1 PM: 224	252	217	208	197	1054	1048	1081	10166.4	0	0.384	FC
2 PM: 225	253	217	202	200	1054	1047	1081	10590	0	0.45	MA
AVG.:						1047.1	1081	10422	0		

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

LWB

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**EVENING
SHIFT**

May 6 1993

Well Field Operation (GPM)					Air Stripper Operation				
Well	Well	Well	Well	Well	Stripper Pressure	Blower	Air Effluent	Op	
1	2	3	4	5	Flow	Filtr Flow	Air Flow	Pres	Flow
3 PM: 224	252	218	208	200	1055	1048	1081	10590	0 0.513
4 PM: 225	253	217	208	198	1055	1046	1081	10590	0 0.062
5 PM: 224	252	218	205	200	1054	1047	1080	10590	0 0.125
6 PM: 224	252	218	205	200	1055	1048	1082	10166.4	0 0.189
7 PM: 226	252	218	204	200	1054	1049	1082	10166.4	0 0.254
8 PM: 224	253	216	208	200	1054	1048	1082	10166.4	0 0.319
9 PM: 225	252	219	208	200	1054	1048	1081	9813.4	0 0.383
10 PM: 225	252	218	208	200	1055	1049	1079	9813.4	0 0.448
AVG: 225 252 218 207 200 1055					1047.9	1081	10237	0	

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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**NIGHT
SHIFT**

May 6 1993

Well Field Operation (GPM)						Air Stripper Operation					
Well	Well	Well	Well	Well	Well	Stripper Pressure	Blower	Air	Effluent	Op	Init
1	2	3	4	5	Flow	Flow	Filtr Flow	Air Flow	Pres	Flow	
11 PM: 224	252	219	208	200	1055	1048	1088	10166.4	0	0.514	DL
Midnite 226	251	220	208	200	1055	1048	1085	10166.4	0	0.065	PD
1 AM: 225	252	218	204	200	1055	1048	1081	10166.4	0	0.13	DL
2 AM: 226	252	220	205	200	1055	1048	1084	10166.4	0	0.194	PD
3 AM: 225	252	218	208	200	1055	1048	1084	10166.4	0	0.259	DL
4 AM: 225	251	218	208	200	1055	1048	1085	10166.4	0	0.324	PD
5 AM: 224	253	220	208	200	1055	1048	1081	10166.4	0	0.387	DL
6 AM: 225	252	217	208	200	1053	1047	1082	10166.4	0	0.454	PD
AVG.:						1047.9	1083.8	10166	0		

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:



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DAY
SHIFT

May 7 1993

Well Field Operation (GPM)										Air Stripper Operation				
Well	Well	Well	Well	Well	Well	System	Stripper	Flow	Filtr	Pressure	Blower	Air	Effluent	Op
1	2	3	4	5	Flow		Flow	Flow	Flow	Pres	Flow	Flow	Flow	Init
7 AM: 224	253	219	208	197	1055		1048	1083	9813.4	0	0.516	FC		
8 AM: 224	252	217	207	200	1054		1047	1082	9813.4	0	0.062	MA		
9 AM: 224	252	218	208	200	1054		1047	1082	9389.8	0	0.126	FC		
10 AM: 226	252	218	207	200	1055		1048	1082	9813.4	0	0.191	FC		
11 AM: 225	253	217	204	200	1055		1048	1082	10166.4	0	0.258	MA		
Noon: 225	254	218	204	200	1055		1050	1087	10166.4	0	0.32	FC		
1 PM: 226	252	217	208	200	1056		1047	1085	10166.4	0	0.383	MA		
2 PM: 224	252	217	208	200	1055		1048	1085	10166.4	0	0.448	FC		
AVG.:							1047.9	1083.5	9937	0				

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

LWR

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DAILY OPERATIONS REPORT

**EVENING
SHIFT**

Report Period: **May 7 1993**

Well Field Operation (GPM)						Air Stripper Operation					
Well	Well	Well	Well	Well	Well	Stripper Pressure	Air Flow	Effluent Flow	Op		
1	2	3	4	5	Flow	Flow	Filtr Air Flow	Pres	Flow	Init	
3 PM: 225	252	219	208	198	1054	1048	1084	10166.4	0	0.512	BS
4 PM: 225	252	219	203	200	1055	1048	1084	9813.4	0	0.063	AC
5 PM: 225	252	219	208	201	1055	1049	1080	9813.4	0	0.126	BS
6 PM: 225	252	217	204	196	1054	1048	1083	9813.4	0	0.191	AC
7 PM: 225	252	217	202	200	1055	1050	1084	10166.4	0	0.256	BS
8 PM: 225	253	217	208	200	1055	1050	1084	10166.4	0	0.32	AC
9 PM: 226	253	218	208	200	1054	1046	1083	10166.4	0	0.386	BS
10 PM: 226	252	218	204	199	1055	1046	1080	9813.4	0	0.45	AC

AVG.: 225 252 218 206 199 1055 1048.1 1082.8 9989.9 0

**Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.**

Operator remarks:

LAB

Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report

Daily Operations Report



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

NIGHT
SHIFT

May 7 1993

Well Field Operation (GPM)

	Well Field Operation (GPM)					Air Stripper Operation				
	Well 1	Well 2	Well 3	Well 4	Well 5	Flow	Stripper Pressure	Flow	Air Flow	Effluent Op Init
11 PM:	226	252	218	206	198	1054	1048	1081	9813.4	0 0.511
Midnite	225	252	217	208	200	1055	1048	1083	9813.4	0 0.063
1 AM:	224	252	218	202	200	1054	1048	1082	9813.4	0 0.133
2 AM:	225	252	218	208	200	1054	1047	1083	9389.8	0 0.191
3 AM:	224	252	217	208	200	1054	1048	1082	9389.8	0 0.26
4 AM:	225	252	217	208	201	1055	1047	1081	9389.8	0 0.323
5 AM:	225	252	218	208	201	1055	1049	1081	9389.8	0 0.384
6 AM:	225	252	217	208	200	1054	1048	1082	9389.8	0 0.451

AVG.: 225 252 218 207 200 1054 1047.9 1081.9 9548.7 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:



Daily Operations Report



DAY	SHIFT
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30
31	31

May	8	1993

Well Field Operation (GPM)	Air Stripper Operation
1000	1000
2000	2000
3000	3000
4000	4000
5000	5000
6000	6000
7000	7000
8000	8000
9000	9000
10000	10000

	Well 1		Well 2		Well 3		Well 4		Well 5		System Flow		Stripper Pressure		Blower Air Flow		Air Effluent Flow		Op Init
7 AM:	226	253	217	205	200	1056	1048	1080	10166.4	0	0.514	KN							
8 AM:	227	252	218	207	200	1055	1047	1084	9813.4	0	0.063	FC							
9 AM:	225	252	218	208	200	1054	1048	1078	9813.4	0	0.128	KN							
10 AM:	225	252	217	208	194	1054	1049	1083	10166.4	0	0.192	FC							
11 AM:	226	253	217	208	200	1055	1048	1083	10166.4	0	0.256	KN							
Noon:	224	253	218	206	195	1053	1047	1083	9813.4	0	0.323	FC							
1 PM:	224	252	218	206	197	1054	1048	1079	10166.4	0	0.387	KN							
2 PM:	227	252	218	205	200	1054	1049	1082	10166.4	0	0.452	FC							
AVG.:	226	252	218	207	198	1054	1048	1081.5	10034	0									

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons). Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:



Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report

Daily Operations Report



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

NIGHT
SHIFT

May 8 1993

Well Field Operation (GPM) Air Stripper Operation

	Well Field Operation (GPM)					Air Stripper Operation				
	Well 1	Well 2	Well 3	Well 4	Well 5	Well System Flow	Stripper Pressure Flow	Blower Air Flow	Effluent Pres Flow	Op Init
11 PM:	225	253	219	208	200	1055	1047	1083	9813.4	0 0.515
Midnite	225	252	219	208	200	1055	1048	1083	9107.4	0 0.062
1 AM:	226	252	218	207	200	1055	1049	1081	9107.4	0 0.133
2 AM:	224	252	217	204	200	1055	1047	1083	9107.4	0 0.192
3 AM:	227	252	218	208	200	1056	1048	1084	9107.4	0 0.256
4 AM:	226	253	218	208	200	1053	1048	1084	9107.4	0 0.325
5 AM:	224	253	219	208	200	1054	1047	1084	9107.4	0 0.386
6 AM:	224	254	218	208	200	1055	1048	1084	9389.8	0 0.448

AVG.: 225 253 218 207 200 1055 1047.8 1083.3 9231 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

LWB

Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report

Daily Operations Report



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

DAY
SHIFT

May 9 1993

Well Field Operation (GPM)										Air Stripper Operation			
Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Stripper Pressure Flow	Blower Air Flow	Effluent Pres	Op Init
1	2	3	4	5	6	7	8	9	10	Flow	Flow	Flow	Flow
7 AM: 224	252	219	206	201	1050	1045	1079	10590	0	0.516	KN		
8 AM: 224	251	217	205	200	1050	1043	1079	10590	0	0.063	FC		
9 AM: 224	250	218	205	200	1051	1044	1079	10166.4	0	0.127	KN		
10 AM: 224	251	217	206	200	1051	1043	1078	10590	0	0.19	FC		
11 AM: 224	251	219	206	200	1051	1043	1078	10166.4	0	0.256	KN		
Noon: 224	252	217	205	200	1050	1043	1076	10590	0	0.318	FC		
1 PM: 224	252	219	205	200	1051	1044	1078	10590	0	0.383	KN		
2 PM: 224	252	218	206	200	1051	1045	1077	10590	0	0.448	FC		
AVG.: 224	251	218	206	200	1051	1043.8	1078	10484	0				

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:



Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report

Daily Operations Report



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

EVENING
SHIFT

May 9 1993

Well Field Operation (GPM)										Air Stripper Operation			
Well	Well	Well	Well	Well	Well	System	Stripper	Flow	Flow	Pressure	Blower	Air	Effluent Op
1	2	3	4	5	Flow		Flow	Filtr	Air	Flow	Pres	Flow	Init
3 PM:	224	251	219	206	200	1052	1044	1078	10166.4	0	0.513	KN	
4 PM:	224	252	218	204	201	1051	1045	1077	10943	0	0.061	FC	
5 PM:	224	251	217	205	200	1051	1045	1078	10166.4	0	0.125	KN	
6 PM:	224	252	219	207	201	1052	1044	1082	10166.4	0	0.191	FC	
7 PM:	224	252	219	206	200	1051	1041	1081	10590	0	0.255	KN	
8 PM:	224	250	217	204	200	1050	1041	1079	10590	0	0.319	FC	
9 PM:	224	251	219	204	198	1051	1042	1075	10940	0	0.382	KN	
10 PM:	224	251	217	206	199	1052	1043	1078	10590	0	0.447	FC	
AVG.:	224	251	218	205	200	1051	1043.1	1078.5	10519	0			

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

LUB



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

NIGHT
SHIFT

May 9 1993

Well Field Operation (GPM)						Air Stripper Operation					
Well	Well	Well	Well	Well	System	Stripper Pressure	Blower	Air	Effluent	Op	
1	2	3	4	5	Flow	Flow	Filtr Flow	Air Flow	Pres	Flow	Init
11 PM: 225	252	218	207	199	1052	1043	1094	10166.4	0	0.509	DL
Midnite: 224	252	220	206	200	1052	1042	1087	10590	0	0.064	AC
1 AM: 224	252	218	206	201	1051	1043	1087	10590	0	0.129	DL
2 AM: 224	251	217	206	200	1052	1045	1084	10590	0	0.194	0
3 AM: 224	252	220	206	199	1051	1045	1083	10166.4	0	0.257	DL
4 AM: 224	251	218	206	200	1052	1045	1082	10166.4	0	0.32	AC
5 AM: 225	252	220	205	200	1052	1045	1080	10590	0	0.384	DL
6 AM: 224	252	219	206	200	1051	1046	1080	10590	0	0.447	AC
AVG.:	224	252	219	206	200	1052	1044.3	1084.6	10431	0	

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:





TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

DAY
SHIFT

May 10 1993

Well Field Operation (GPM)							Air Stripper Operation						
Well 1	Well 2	Well 3	Well 4	Well 5	Well System	Flow	Stripper Flow	Pressure	Blower Air Flow	Pres	Air Flow	Effluent Flow	Op Init
7 AM:	225	251	219	204	200	1050	1044	1078	9107.4	0	0.514		FC
8 AM:	225	251	217	205	200	1050	1043	1077	9813.4	0	0.063		MA
9 AM:	225	251	219	205	200	1049	1044	1077	10166.4	0	0.128		FC
10 AM:	224	252	219	206	200	1049	1044	1077	10166.4	0	0.194		MA
11 AM:	224	252	219	206	200	1050	1044	1078	10166.4	0	0.256		FC
Noon:	224	252	218	205	200	1052	1043	1077	10166.4	0	0.319		MA
1 PM:	224	251	218	204	200	1050	1042	1072	10590	0	0.385		FC
2 PM:	225	251	216	206	200	1051	1044	1075	10590	0	0.448		MA

AVG.: 225 251 218 205 200 1050 1043.5 1076.4 10096 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

U&B

Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

EVENING
SHIFT

May 10 1993

Well Field Operation (GPM)

	Well Field Operation (GPM)					Air Stripper Operation				
	Well 1	Well 2	Well 3	Well 4	Well 5	System Flow	Stripper Pressure Flow	Blower Air Flow	Effluent Pres Flow	Op Init
3 PM:	224	251	218	206	200	1050	1044	1078	9813.4	0 0.511 BS
4 PM:	244	251	220	206	200	1051	1041	1076	10166.4	0 0.063 AC
5 PM:	224	250	218	206	199	1050	1040	1074	10166.4	0 0.128 BS
6 PM:	224	251	220	208	199	1052	1038	1080	10590	0 0.192 AC
7 PM:	224	251	217	205	197	1052	1035	1076	10166.4	0 0.256 BS
8 PM:	224	253	219	204	200	1052	1037	1076	10166.4	0 0.32 AC
9 PM:	224	252	217	206	201	1051	1041	1074	10166.4	0 0.385 BS
10 PM:	224	250	217	206	200	1053	1045	1075	10166.4	0 0.448 AC

3 PM:

4 PM:

5 PM:

6 PM:

7 PM:

8 PM:

9 PM:

10 PM:

AVG.:

227 251 218 206 200 1051 1040.1 1076.1 10175 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:



Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report



TOWN OF OYSTER BAY DEPARTMENT OF PUBLIC WORKS GROUNDWATER TREATMENT FACILITY DAILY OPERATIONS REPORT

**NIGHT
SHIFT**

May 10 1993

Well Field Operation (GPM)										Air Stripper Operation				
Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Stripper Pressure Flow	Blower Air Flow	Effluent Pres	Flow	Init
1	2	3	4	5	6	7	8	9	10	Flow	Flow	Flow	Flow	Flow
11 PM: 225	251	218	207	200	1050					1045	1077	10166.4	0	0.505
Midnite 224	252	218	205	200	1052					1045	1079	10590	0	0.064
1 AM: 224	252	217	205	200	1051					1045	1079	10590	0	0.128
2 AM: 224	252	216	205	200	1052					1043	1079	10166.4	0	0.193
3 AM: 224	250	218	205	200	1051					1045	1079	10166.4	0	0.256
4 AM: 224	252	218	205	200	1051					1045	1078	10590	0	0.32
5 AM: 224	250	218	206	200	1050					1045	1077	10590	0	0.384
6 AM: 224	251	217	206	200	1051					1045	1075	10166.4	0	0.45
AVG.:										1044.8	1077.9	10378	0	

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:





TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

DAY
SHIFT

May 11 1993

Well Field Operation (GPM)						Air Stripper Operation					
Well	Well	Well	Well	Well	System	Stripper Pressure	Blower	Air Flow	Effluent	Op	Init
1	2	3	4	5	Flow	Flow	Flow	Pres	Flow	Flow	
7 AM: 224	252	217	207	198	1051	1045	1074	10590	0	0.514	FC
8 AM: 224	252	218	209	200	1051	1044	1077	10590	0	0.061	MA
9 AM: 224	251	217	206	200	1050	1045	1077	10590	0	0.125	FC
10 AM: 244	252	218	206	200	1051	1043	1077	10166.4	0	0.19	MA
11 AM: 244	253	218	207	200	1050	1045	1077	10590	0	0.252	FC
Noon: 224	252	218	207	200	1052	1045	1078	10166.4	0	0.316	MA
1 PM: 224	252	217	205	200	1051	1045	1076	10166.4	0	0.382	FC
2 PM: 224	251	219	205	201	1051	1045	1073	10166.4	0	0.445	MA
AVG.: 229	252	218	207	200	1051	1044.6	1076.1	10378	0		

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:



Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report

Daily Operations Report



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

EVENING
SHIFT

Report Period: May 11, 1993

Well Field Operation (GPM)						Air Stripper Operation					
Well 1	Well 2	Well 3	Well 4	Well 5	Flow	Stripper Flow	Pressure Flow	Blower Flow	Air Flow	Effluent Flow	Op Init
3 PM: 224	250	218	204	200	1050	1046	1077	10590	0	0.513	BS
4 PM: 224	253	217	205	200	1052	1044	1078	10590	0	0.062	AC
5 PM: 224	252	219	206	200	1052	1046	1078	10590	0	0.125	BS
6 PM: 224	252	218	206	200	1051	1046	1078	10590	0	0.187	AC
7 PM: 224	252	217	206	200	1051	1046	1079	10166.4	0	0.251	BS
8 PM: 224	252	218	206	200	1051	1046	1079	10166.4	0	0.315	AC
9 PM: 224	251	217	205	200	1050	1044	1075	10166.4	0	0.38	BS
10 PM: 224	252	218	205	200	1052	1046	1075	10166.4	0	0.445	AC

AVG.: 224	252	218	205	200	1051	1045.5	1077.4	10378	0	

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

UAB

Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

NIGHT
SHIFT

May 11 1993

Well Field Operation (GPM)										Air Stripper Operation				
Well 1	Well 2	Well 3	Well 4	Well 5	Well System	Stripper Flow	Pressure Flow	Blower Air Flow	Air Pres	Effluent Flow	Op	Init		
11 PM:	224	257	218	207	200	1051	1044	1076	10590	0	0.511	DL		
Midnite	224	251	217	206	201	1052	1045	1075	10590	0	0.062	PD		
1 AM:	223	251	217	205	200	1055	1044	1075	10590	0	0.131	DL		
2 AM:	224	252	218	206	200	1050	1044	1077	10590	0	0.192	PD		
3 AM:	224	252	217	205	200	1053	1046	1077	10590	0	0.255	DL		
4 AM:	224	252	217	205	200	1053	1045	1077	10590	0	0.323	PD		
5 AM:	224	252	218	205	200	1050	1045	1077	10590	0	0.384	DL		
6 AM:	224	251	217	206	200	1050	1045	1077	10590	0	0.447	PD		
AVG.:	224	252	217	206	200	1052	1044.8	1076.4	10590	0				

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

UAB

Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report



TOWN OF OYSTER BAY DEPARTMENT OF PUBLIC WORKS GROUNDWATER TREATMENT FACILITY DAILY OPERATIONS REPORT

DAY
SHIFT

May 12 1993

Well Field Operation (GPM)										Air Stripper Operation			
Well	Well	Well	Well	Well	Well	System	Stripper Pressure	Blower	Air Effluent	Flow	Pres	Flow	Op
1	2	3	4	5	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Init
7 AM: 224	252	219	206	200	1052	1045	1079	10590	0	0.513	DH		
8 AM: 223	251	218	204	200	1051	1045	1078	10590	0	0.064	MA		
9 AM: 224	252	217	204	200	1052	1042	1078	10590	0	0.127	PD		
10 AM: 224	252	218	207	200	1052	1045	1078	10943	0	0.19	DH		
11 AM: 224	252	218	204	200	1053	1045	1078	10590	0	0.255	MA		
Noon: 224	252	219	206	200	1053	1046	1078	10590	0	0.32	PD		
1 PM: 0	0	0	0	0	0	0	0	0	0	0	DH		
2 PM: 0	0	0	0	0	0	0	0	0	0	0	MA		
AVG.: 168 189 164 154 150 789.1										783.5	808.63	7986.6	0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

12:45 PLANT DOWN DUE TO POWER FAILURE.





TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

EVENING
SHIFT

May 12 1993

Well Field Operation (GPM)										Air Stripper Operation			
Well	Well	Well	Well	Well	Well	System	Stripper	Pressure	Blower	Air	Effluent	Op	
1	2	3	4	5	Flow		Flow	Filtr	Flow	Air	Flow	Pres	Flow
3 PM: 0	0	0	0	0	0	0	0	0	0	0	0	0	DL
4 PM: 0	0	0	0	0	0	0	0	0	0	0	0	0	AC
5 PM: 217	246	204	201	233	1054		1029	1099	10166.4	0	0.03		DL
6 PM: 223	208	208	204	236	1039		1024	1096	10166.4	0	0.087		AC
7 PM: 226	211	216	208	239	1058		1030	1086	10590	0	0.151		DL
8 PM: 216	212	224	208	240	1060		1035	1082	10166.4	0	0.217		AC
9 PM: 224	213	221	208	239	1068		1040	1079	10166.4	0	0.282		DL
10 PM: 182	216	224	208	242	1047		1043	1076	10166.4	0	0.347		AC
AVG.: 161 163 162 155 179 790.8										775.13	814.75	7677.8	0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

PLANT DOWN FROM 12:45 HRS PLANT ON LINE AT 16:30 HRS.

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TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

**NIGHT
SHIFT**

May 12 1993

Well Field Operation (GPM)										Air Stripper Operation							
Well 1		Well 2		Well 3		Well 4		Well 5		System Flow		Stripper Pressure		Blower Air Flow		Effluent Op Init	
												Flow	Filtr Flow	Flow	Pres	Flow	
11 PM:	224	252	220	205	200	1052						1046	1079	10166.4	0	0.508	DL
Midnite	224	251	216	206	197	1051						1044	1079	10166.4	0	0.062	PD
1 AM:	224	251	219	206	200	1052						1045	1079	10166.4	0	0.128	DL
2 AM:	224	251	216	205	199	1052						1045	1077	10166.4	0	0.19	PD
3 AM:	224	250	218	206	200	1051						1045	1080	10166.4	0	0.254	DL
4 AM:	224	252	217	205	200	1050						1046	1080	10166.4	0	0.323	PD
5 AM:	224	251	217	205	200	1050						1045	1079	10166.4	0	0.382	DL
6 AM:	224	252	219	206	200	1051						1045	1078	10166.4	0	0.449	PD

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:



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TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

DAY
SHIFT

May 13 1993

Well Field Operation (GPM)						Air Stripper Operation					
Well 1	Well 2	Well 3	Well 4	Well 5	System Flow	Stripper Pressure Flow	Air Flow	Blower Flow	Air Pres	Effluent Flow	Op Init
7 AM: 224	218	220	206	240	1069	1042	1080	10590	0	0.517	FC
8 AM: 220	218	220	206	240	1065	1046	1083	10590	0	0.063	MA
9 AM: 224	220	220	204	240	1069	1048	1083	10590	0	0.128	FC
10 AM: 224	219	219	204	238	1068	1053	1085	10590	0	0.193	MA
11 AM: 225	221	221	208	240	1076	1012	1261	9813.4	0	0.266	FC
Noon: 225	221	220	207	238	1073	1029	1073	10166.4	0	0.331	MA
1 PM: 225	220	220	206	240	1071	1041	1090	10166.4	0	0.39	FC
2 PM: 224	220	220	204	237	1069	1047	1087	10590	0	0.452	MA

AVG.: 224 220 220 206 239 1070 1039.8 1105.3 10387 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:



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DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

**EVENING
SHIFT**

May 13 1993

Well Field Operation (GPM)						Air Stripper Operation					
Well	Well	Well	Well	Well	Well	Stripper Pressure	Blower	Air Effluent	Op		
1	2	3	4	5	Flow	Flow	Filtr Flow	Air Flow	Pres	Flow	Init
3 PM: 224	222	221	204	237	1069	1052	1086	10590	0	0.513	DL
4 PM: 224	224	221	208	240	1070	1054	1084	10166.4	0	0.063	AC
5 PM: 224	224	220	206	239	1076	1022	1068	10166.4	0	0.128	DL
6 PM: 217	224	221	205	240	1064	1046	1072	9813.4	0	0.193	AC
7 PM: 213	224	220	205	240	1064	1046	1072	9813.4	0	0.258	DL
8 PM: 224	223	221	206	236	1069	1047	1074	10166.4	0	0.322	AC
9 PM: 224	221	219	205	237	1068	1051	1076	10590	0	0.387	DL
10 PM: 224	222	220	206	237	1069	1054	1078	10590	0	0.45	AC
AVG.:						1046.5	1076.3	10237	0		

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:



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DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
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**NIGHT
SHIFT**

May 13 1993

Well Field Operation (GPM)										Air Stripper Operation				
Well	Well	Well	Well	Well	Well	System	Stripper	Pressure	Blower	Air	Effluent	Op		
1	2	3	4	5	Flow	Flow	Flow	Filtr	Air	Flow	Pres	Flow	Init	
11 PM:	224	212	221	206	240	1065	1048	1079	10166.4	0	0.411	BS		
Midnite	189	217	223	208	241	1054	1048	1075	10166.4	0	0.067	PD		
1 AM:	220	213	220	207	237	1063	1047	1081	10166.4	0	0.137	BS		
2 AM:	225	216	220	206	236	1066	1051	1080	10166.4	0	0.194	PD		
3 AM:	224	215	220	201	236	1065	1052	1083	10166.4	0	0.265	BS		
4 AM:	217	217	224	208	240	1070	1012	1080	10166.4	0	0.33	PD		
5 AM:	218	217	224	208	240	1068	1019	1073	10166.4	0	0.395	BS		
6 AM:	218	217	223	208	238	1065	1010	1075	10166.4	0	0.445	PD		

AVG.: 217 216 222 207 239 1065 1035.9 1078.3 10166 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:



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DAY
SHIFT

May 14 1993

Well Field Operation (GPM)						Air Stripper Operation					
Well	Well	Well	Well	Well	Well	Stripper Pressure	Blower	Air Effluent	Op		
1	2	3	4	5	Flow	Flow	Flow	Pres	Flow	Init	
7 AM: 223	224	220	205	237	1067	1030	1067	10166.4	0	0.516	KN
8 AM: 224	224	220	204	237	1067	1042	1067	10166.4	0	0.062	FC
9 AM: 224	223	220	204	238	1066	1046	1071	9813.4	0	0.126	MA
10 AM: 226	226	200	206	236	1060	1048	1069	9813.4	0	0.19	KN
11 AM: 224	224	220	205	238	1065	1049	1074	10166.4	0	0.256	FC
Noon: 224	224	219	204	236	1065	1053	1080	10590	0	0.317	MA
1 PM: 226	224	220	205	239	1070	1	1053	10590	0	0.389	KN
2 PM: 224	224	220	204	237	1068	1062	1102	10166.4	0	0.448	FC
AVG.:						916.38	1072.9	10184	0		

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:





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EVENING
SHIFT

May 14 1993

Well Field Operation (GPM)						Air Stripper Operation					
Well	Well	Well	Well	Well	Well	Stripper Pressure	Blower	Air	Effluent	Op	
1	2	3	4	5	Flow	Flow	Filtr Flow	Air Flow	Pres	Flow	Init
3 PM: 224	225	221	204	236	1068	1063	1099	10166.4	0	0.512	BS
4 PM: 224	226	196	208	240	1053	1061	1100	9813.4	0	0.064	AC
5 PM: 216	227	213	208	240	1056	1059	1099	10166.4	0	0.129	BS
6 PM: 224	225	219	205	237	1069	1058	1092	10166.4	0	0.194	AC
7 PM: 217	226	217	205	233	1062	1059	1096	9813.4	0	0.26	BS
8 PM: 223	226	217	205	237	1065	1060	1096	10166.4	0	0.323	AC
9 PM: 224	227	212	206	236	1063	1056	1095	10590	0	0.389	BS
10 PM: 224	227	219	205	238	1067	1057	1094	10590	0	0.454	AC
AVG.:						1059.1	1096.4	10184	0		

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:



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**NIGHT
SHIFT**

May 14 1993

Well Field Operation (GPM)						Air Stripper Operation				
Well	Well	Well	Well	Well	Well	Stripper Pressure	Blower	Air Effluent	Op	Init
1	2	3	4	5	Flow	Flow	Filtr Flow	Air Flow	Pres	Flow
11 PM: 224	224	220	205	237	1075	1027	1070	10166.4	0	0.524
Midnite 224	224	213	207	237	1063	1069	1069	10166.4	0	0.063
1 AM: 220	224	220	205	240	1063	1044	1071	10166.4	0	0.128
2 AM: 199	225	222	206	240	1061	1045	1071	10166.4	0	0.19
3 AM: 208	225	221	205	240	1060	1047	1072	10166.4	0	0.254
4 AM: 223	224	219	205	237	1066	1051	1076	10166.4	0	0.316
5 AM: 226	227	209	208	239	1067	1002	1293	10166.4	0	0.389
6 AM: 213	225	220	204	240	1064	1018	1078	10166.4	0	0.453

AVG.: 217 225 218 206 239 1065 1037.9 1100 10166 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:





**NIGHT
SHIFT**

May	15	1993

Well Field Operation (GPM)

Air Stripper Operation

[illegible]

AVG.:

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons). Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

PLANT SHUT DOWN AT 22:30 HRS 5/14/93 ALL WELLS IN STATE PARK STOPPED PUMPING.



Daily Operations Report

**EVENING
SHIFT**

May	15	1993

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons). Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

PLANT DOWN FROM 5/14/93 22:30 HRS.



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DAY
SHIFT

May 15 1993

Well Field Operation (GPM)						Air Stripper Operation					
Well 1	Well 2	Well 3	Well 4	Well 5	System Flow	Stripper Flow	Filtr Flow	Blower Air Flow	Pressure Flow	Air Effluent Flow	Op Init
7 AM: 0	0	0	0	0	0	0	0	0	0	0	KN
8 AM: 0	0	0	0	0	0	0	0	0	0	0	FC
9 AM: 0	0	0	0	0	0	0	0	0	0	0	KN
10 AM: 0	0	0	0	0	0	0	0	0	0	0	FC
11 AM: 0	0	0	0	0	0	0	0	0	0	0	KN
Noon: 0	0	0	0	0	0	0	0	0	0	0	FC
1 PM: 0	0	0	0	0	0	0	0	0	0	0	KN
2 PM: 0	0	0	0	0	0	0	0	0	0	0	FC
AVG.: 0	0	0	0	0	0	0	0	0	0	0	

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

PLANT DOWN FROM 5/14/93 22:30 HRS.

LIBRARY

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TOWN OF OYSTER BAY
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**NIGHT
SHIFT**

May	16	1993

[illegible]

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons). Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

PLANT DOWN FROM 5/14/93 22:30 HRS.





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EVENING
SHIFT

May 16 1993

Well Field Operation (GPM)										Air Stripper Operation				
Well 1	Well 2	Well 3	Well 4	Well 5	System Flow	Stripper Flow	Pressure Filtr Flow	Blower Air Flow	Effluent Flow	Op Init				
0	0	0	0	0	0	0	0	0	0	KN				
0	0	0	0	0	0	0	0	0	0	FC				
0	0	0	0	0	0	0	0	0	0	KN				
0	0	0	0	0	0	0	0	0	0	FC				
0	0	0	0	0	0	0	0	0	0	KN				
0	0	0	0	0	0	0	0	0	0	FC				
0	0	0	0	0	0	0	0	0	0	KN				
0	0	0	0	0	0	0	0	0	0	FC				
0	0	0	0	0	0	0	0	0	0	KN				
0	0	0	0	0	0	0	0	0	0	FC				

3 PM:
4 PM:
5 PM:
6 PM:
7 PM:
8 PM:
9 PM:
10 PM:

AVG.: 0 0 0 0 0 0 0 0 0 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

PLANT DOWN FROM 5/14/93 22:30 HRS.

U&B



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DAY
SHIFT

May 16 1993

Well Field Operation (GPM)					Air Stripper Operation				
Well 1	Well 2	Well 3	Well 4	Well 5	Flow	Stripper Pressure	Blower Air Flow	Effluent Flow	Op Init
0	0	0	0	0	0	0	0	0	KN
0	0	0	0	0	0	0	0	0	FC
0	0	0	0	0	0	0	0	0	KN
0	0	0	0	0	0	0	0	0	FC
0	0	0	0	0	0	0	0	0	KN
0	0	0	0	0	0	0	0	0	FC
0	0	0	0	0	0	0	0	0	KN
0	0	0	0	0	0	0	0	0	FC
0	0	0	0	0	0	0	0	0	KN
0	0	0	0	0	0	0	0	0	FC
AVG.:	0	0	0	0	0	0	0	0	

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
 Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

PLANT DOWN FROM 5/14/93 22:30 HRS.

WATER



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DAY
SHIFT

May 17 1993

Well Field Operation (GPM)					Air Stripper Operation				
Well 1	Well 2	Well 3	Well 4	Well 5	Flow	Stripper Pressure	Blower Air Flow	Effluent Flow	Op Init
0	257	0	224	259	702	558	2	10943	0 0.03
0	258	0	225	259	704	581	2	11296	0 0.046
0	259	0	221	260	706	558	1097	10943	0 0.088
0	260	0	227	260	712	1032	1075	10590	0 0.128
0	0	0	0	0	0	1	1	0	0 0.135
0	259	0	224	259	704	562	2	10943	0 0.146
0	258	0	228	258	707	580	2	10943	0 0.19
0	261	0	228	260	711	559	1097	10166.4	0 0.233

AVG.: 0 227 0 197 227 618.3 553.88 409.75 9478.1 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

UNABLE TO RESTART WELLS #1 AND #3 FROM PLANT. WELLS #1 AND #3 ON LINE AT 14:18 HRS.



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EVENING
SHIFT

May 17 1993

Well Field Operation (GPM)										Air Stripper Operation				
Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Stripper Pressure	Blower Air	Effluent Flow	Flow	Op
1	2	3	4	5	6	7	8	9	10	Flow	Filtr Flow	Air Flow	Pres	Init
3 PM: 221	224	208	204	236	1044					1060	1097	10166.4	0	0.288
4 PM: 225	231	214	207	240	1068					1060	1098	10166.4	0	0.063
5 PM: 225	232	216	208	241	1077					1063	1096	9813.4	0	0.128
6 PM: 227	224	218	208	241	1074					1067	1099	10166.4	0	0.194
7 PM: 227	225	216	208	240	1074					1069	1100	10166.4	0	0.259
8 PM: 226	232	212	208	241	1072					1072	1101	9813.4	0	0.325
9 PM: 226	232	218	208	240	1076					1073	1101	10166.4	0	0.39
10 PM: 227	232	201	208	243	1063					1074	1105	10166.4	0	0.456
AVG:	226	229	213	207	240	1069				1067.3	1099.6	10078	0	

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

LAB



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NIGHT
SHIFT

May 17 1993

Well Field Operation (GPM)					Air Stripper Operation				
Well 1	Well 2	Well 3	Well 4	Well 5	Flow	Stripper Pressure Flow	Blower Air Flow	Air Effluent Flow	Op Init
0	0	0	0	0	0	0	0	0	DL
0	0	0	0	0	0	0	0	0	PD
0	0	0	0	0	0	0	0	0	DL
0	0	0	0	0	0	0	0	0	PD
0	0	0	0	0	0	0	0	0	DL
0	0	0	0	0	0	0	0	0	PD
0	0	0	0	0	0	0	0	0	DL
0	0	0	0	0	0	0	0	0	PD
0	0	0	0	0	0	0	0	0	DL
0	0	0	0	0	0	0	0	0	PD

11 PM:

Midnite

1 AM:

2 AM:

3 AM:

4 AM:

5 AM:

6 AM:

AVG.:

0	0	0	0	0	0	0	0	0	0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

PLANT ON LINE 06:30 HRS.

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May 18 1993

Well Field Operation (GPM)						Air Stripper Operation					
Well 1	Well 2	Well 3	Well 4	Well 5	System Flow	Stripper Pressure Flow	Blower Air Flow	Air Pres	Effluent Flow	Op Init	
7 AM: 227	229	212	210	240	1073	1075	1098	10166.4	0	0.519	DH
8 AM: 225	229	217	209	240	1075	1077	1105	10166.4	0	0.073	MA
9 AM: 227	232	204	208	240	1073	1073	1105	10166.4	0	0.137	DH
10 AM: 226	232	211	210	242	1072	1075	1105	10590	0	0.205	MA
11 AM: 226	232	213	210	242	1071	1075	1267	10590	0	0.275	DH
Noon: 224	230	221	208	240	1079	1076	1080	10590	0	0.341	MA
1 PM: 225	229	220	208	240	1079	1076	1093	9813.4	0	0.405	DH
2 PM: 225	228	220	208	240	1078	1077	1097	9813.4	0	0.474	MA

AVG.: 226 230 215 209 241 1075 1075.5 1118.8 10237 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
 Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

URB

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EVENING
SHIFT

May 18 1993

Well Field Operation (GPM) Air Stripper Operation

	Well Field Operation (GPM)					Air Stripper Operation				
	Well 1	Well 2	Well 3	Well 4	Well 5	System Flow	Stripper Flow	Pressure Flow	Blower Flow	Op Init
3 PM:	225	229	221	208	240	1078	1077	1101	10166.4	0 0.533
4 PM:	227	230	220	208	240	1078	1077	1099	9813.4	0 0.064
5 PM:	225	229	221	208	240	1078	1078	1107	10166.4	0 0.129
6 PM:	226	229	221	208	240	1078	1078	1105	10166.4	0 0.199
7 PM:	224	230	220	208	240	1079	1081	1087	9813.4	0 0.266
8 PM:	227	229	222	208	240	1077	1078	1094	9813.4	0 0.332
9 PM:	227	232	212	210	242	1070	1077	1098	10166.4	0 0.398
10 PM:	226	229	213	208	240	1071	1077	1104	10166.4	0 0.464
AVG.:	226	230	219	208	240	1076	1077.9	1099.4	10034	0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:



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NIGHT
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May 18 1993

Well Field Operation (GPM)					Air Stripper Operation				
Well 1	Well 2	Well 3	Well 4	Well 5	Flow	Stripper Pressure	Blower Air Flow	Effluent Flow	Op Init
11 PM: 224	227	220	208	240	1080	1072	1105	10166.4	0 0.52
Midnite: 226	234	211	208	240	1070	1075	1106	10166.4	0 0.066
1 AM: 224	231	222	208	240	1080	1075	1106	10166.4	0 0.131
2 AM: 226	228	217	208	240	1078	1065	1080	10100.4	0 0.196
3 AM: 225	230	221	208	240	1080	1067	1087	10166.4	0 0.259
4 AM: 226	228	224	208	240	1080	1067	1084	10166.4	0 0.324
5 AM: 227	230	214	208	240	1074	1073	1091	10166.4	0 0.389
6 AM: 224	229	223	208	240	1079	1073	1091	10166.4	0 0.453

AVG.: 225 230 219 208 240 1078 1070.9 1093.8 10158 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:



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NIGHT
SHIFT

May 19 1993

Well Field Operation (GPM)						Air Stripper Operation					
Well	Well	Well	Well	Well	System	Stripper Pressure	Blower	Air Flow	Effluent	Op	
1	2	3	4	5	Flow	Flow	Filtr Flow	Air Flow	Pres	Flow	Init
11 PM: 225	230	222	208	240	1079	1078	1106	9813.4	0	0.528	DL
Midnite 226	229	223	208	240	1079	1078	1105	9813.4	0	0.065	PD
1 AM: 226	228	223	208	240	1078	1078	1268	9813.4	0	0.133	DL
2 AM: 226	230	221	208	240	1077	1079	1085	9813.4	0	0.201	PD
3 AM: 225	230	227	208	240	1078	1078	1084	9813.4	0	0.265	DL
4 AM: 226	229	221	208	240	1078	1079	1101	9813.4	0	0.33	PD
5 AM: 226	229	222	209	240	1078	1077	1103	9813.4	0	0.397	DL
6 AM: 226	228	222	208	240	1077	1078	1105	9813.4	0	0.462	PD
AVG.:						1078.1	1119.6	9813.4	0		

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:



Daily Operations Report



DAY	SHIFT

May	19	1993

Well Field Operation (GPM)

	Well 1	Well 2	Well 3	Well 4	Well 5	System Flow	Stripper Flow	Pressure Flow	Blower Air Flow	Air Pres	Effluent Flow	Op Init
7 AM:	225	230	222	208	241	1078	1077	1271	10166.4	0	0.529	DH
8 AM:	226	229	221	208	240	1077	1078	1083	9813.4	0	0.069	MA
9 AM:	226	230	222	208	240	1078	1077	1091	10166.4	0	0.134	DH
10 AM:	224	228	221	208	240	1077	1078	1097	9813.4	0	0.2	MA
11 AM:	224	229	221	208	241	1077	1077	1098	9389.8	0	0.264	DH
Noon:	224	229	220	208	240	1078	1079	1101	9813.4	0	0.33	MA
1 PM:	225	229	221	208	239	1076	1077	1108	10166.4	0	0.395	DH
2 PM:	225	228	221	207	241	1077	1079	1080	10166.4	0	0.468	MA

AVG.:

1077.8	1116.1	9937	0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons). Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:



Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

EVENING
SHIFT

May 19 1993

Well Field Operation (GPM)					Air Stripper Operation				
Well	Well	Well	Well	Well	Stripper Pressure	Blower	Air Effluent	Op	Init
1	2	3	4	5	Flow	Filtr Flow	Air Flow	Pres	Flow
3 PM: 226	229	222	208	241	1078	1080	1088	10166.4	0 0.532
4 PM: 225	230	220	207	240	1077	1078	1090	10166.4	0 0.065
5 PM: 224	228	221	208	241	1077	1079	1099	10166.4	0 0.129
6 PM: 226	229	221	208	241	1077	1079	1105	10590	0 0.195
7 PM: 225	230	222	208	240	1077	1078	1108	10590	0 0.26
8 PM: 225	230	221	208	240	1077	1078	1105	10166.4	0 0.328
9 PM: 226	229	222	208	241	1076	1079	1090	10166.4	0 0.396
10 PM: 227	229	222	207	240	1077	1078	1093	10166.4	0 0.462
AVG.:					1078.6	1097.3	10272	0	

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:





TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

EVENING
SHIFT

May 20 1993

Well Field Operation (GPM)						Air Stripper Operation				
Well 1	Well 2	Well 3	Well 4	Well 5	System Flow	Stripper Flow	Pressure Flow	Blower Flow	Air Effluent Flow	Op Init
3 PM: 226	225	223	208	241	1079	1070	1087	10166.4	0	0.543 MR
4 PM: 225	232	224	209	240	1078	1073	1095	10166.4	0	0.064 AC
5 PM: 225	224	220	208	239	1078	1075	1095	10166.4	0	0.129 MR
6 PM: 227	232	224	208	241	1078	1078	1103	10590	0	0.195 AC
7 PM: 226	232	222	208	240	1077	1078	1106	10166.4	0	0.26 DL
8 PM: 226	228	223	208	240	1077	1078	1105	10590	0	0.326 AC
9 PM: 225	232	221	207	240	1076	1077	1098	10590	0	0.392 DL
10 PM: 225	232	221	208	241	1076	1078	1088	10943	0	0.464 AC

AVG.: 226 230 222 208 240 1077 1075.9 1097.1 10422 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

URB



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

DAY
SHIFT

May 20 1993

Well Field Operation (GPM)										Air Stripper Operation			
Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Strripper Pressure Flow	Blower Air Flow	Effluent Flow	Op Init
1	2	3	4	5	6	7	8	9	10	Flow	Flow	Flow	
7 AM:	225	229	221	208	241	1076	1076	1076	1076	1076	9813.4	0	0.534
8 AM:	227	228	220	208	240	1076	1076	1076	1076	1076	9813.4	0	0.063
9 AM:	225	232	221	208	240	1076	1076	1076	1076	1076	10166.4	0	0.136
10 AM:	225	228	221	208	240	1075	1075	1075	1075	1077	9813.4	0	0.202
11 AM:	225	228	222	207	240	1076	1076	1076	1076	1078	10166.4	0	0.266
Noon:	227	232	223	208	243	1085	1085	1085	1085	1038	10166.4	0	0.339
1 PM:	228	232	224	209	240	1082	1082	1082	1082	1055	9813.4	0	0.406
2 PM:	228	231	224	208	241	1080	1080	1080	1080	1063	10590	0	0.471
AVG.:	226	230	222	208	241	1078	1078	1078	1078	1067.6	1114.8	10043	0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

UAB



TOWN OF OYSTER BAY
 DEPARTMENT OF PUBLIC WORKS
 GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

**NIGHT
SHIFT**

May 20 1993

Well Field Operation (GPM)						Air Stripper Operation					
Well 1	Well 2	Well 3	Well 4	Well 5	System Flow	Stripper Pressure Flow	Blower Flow	Air Flow	Effluent Flow	Op Init	
11 PM:	226	230	222	208	240	1077	1078	1094	9813.4	0	0.528
Midnite:	225	230	224	208	240	1077	1078	1105	9813.4	0	0.069
1 AM:	225	230	222	208	240	1076	1079	1105	10166.4	0	0.136
2 AM:	226	232	222	208	239	1076	1079	1108	10166.4	0	0.202
3 AM:	226	229	222	208	240	1077	1079	1080	10166.4	0	0.273
4 AM:	225	231	222	208	240	1077	1078	1091	10166.4	0	0.338
5 AM:	225	230	222	208	240	1076	1075	1098	10166.4	0	0.403
6 AM:	226	230	221	207	240	1076	1077	1101	10166.4	0	0.469
AVG.:	226	230	222	208	240	1077	1077.9	1097.8	10078	0	

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
 Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

UNB



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

DAY
SHIFT

May 21 1993

Well Field Operation (GPM)						Air Stripper Operation					
Well 1	Well 2	Well 3	Well 4	Well 5	System Flow	Strripper Flow	Pressure Flow	Blower Flow	Air Effluent Pres	Op Init	
7 AM:	225	232	221	207	240	1076	1078	1100	10166.4	0	0.531 KN
8 AM:	226	230	222	207	240	1076	1079	1104	10166.4	0	0.055 FC
9 AM:	226	230	221	208	241	1077	1078	1107	10590	0	0.132 MA
10 AM:	226	232	222	208	241	1077	1080	1081	10166.4	0	0.203 KN
11 AM:	225	231	222	208	240	1076	1078	1090	10590	0	0.268 FC
Noon:	226	232	222	207	240	1077	1078	1096	10166.4	0	0.333 MA
1 PM:	224	232	222	208	240	1079	1069	1262	10166.4	0	0.403 KN
2 PM:	227	233	222	208	240	1078	1044	4	10943	0	0.472 FC

AVG.: 226 232 222 208 240 1077 1073 980.5 10369 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

LWR

Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report

Daily Operations Report



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

**NIGHT
SHIFT**

May 21 1993

Well Field Operation (GPM)										Air Stripper Operation				
Well	Well	Well	Well	Well	Well	System	Strripper	Pressure	Blower	Air	Effluent	Op		
1	2	3	4	5	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Init		
11 PM:	225	232	221	208	240	1077	1078	1092	10590	0	0.53	DL		
Midnite	226	232	221	208	240	1077	1080	1099	10590	0	0.067	PD		
1 AM:	227	231	222	208	240	1076	1078	1003	10166.4	0	0.134	DL		
2 AM:	225	232	220	208	240	1077	1080	1107	10166.4	0	0.2	PD		
3 AM:	225	227	222	208	241	1077	1078	1293	10166.4	0	0.266	DL		
4 AM:	225	227	222	208	240	1077	1078	1103	10166.4	0	0.339	PD		
5 AM:	226	232	222	208	240	1076	1079	1096	9389.8	0	0.404	DL		
6 AM:	225	231	222	208	241	1076	1080	1096	9389.8	0	0.47	PD		

AVG.: 226 231 222 208 240 1077 1078.9 1111.1 10078 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

URB



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

DAY
SHIFT

May 22 1993

Well Field Operation (GPM)						Air Stripper Operation					
Well	Well	Well	Well	Well	System	Stripper Pressure	Blower Air Flow	Air Pres	Effluent Flow	Op	Init
1	2	3	4	5	Flow	Flow	Filtr Flow	Air Flow	Flow		
7 AM: 227	232	223	208	240	1083	1041	1082	10590	0	0.543	KN
8 AM: 228	232	224	209	240	1080	1056	1083	10590	0	0.062	FC
9 AM: 228	232	221	208	240	10788	1064	1082	10590	0	0.127	KN
10 AM: 226	232	223	208	240	1076	1067	1091	10590	0	0.191	FC
11 AM: 228	234	224	210	242	1086	1333	1305	10166.4	0	0.259	KN
Noon: 228	233	220	208	242	1078	1068	1078	10590	0	0.327	KN
1 PM: 226	232	224	208	242	1077	1071	1090	10590	0	0.392	FC
2 PM: 224	232	221	208	241	1077	1075	1095	10590	0	0.457	FC

1079

AVG.: 227 232 223 208 241 2299- 1096.9 1113.3 10537 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

URR



TOWN OF OYSTER BAY
 DEPARTMENT OF PUBLIC WORKS
 GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

**NIGHT
SHIFT**

May 22 1993

Well Field Operation (GPM)						Air Stripper Operation					
Well 1	Well 2	Well 3	Well 4	Well 5	System Flow	Stripper Pressure	Blower Flow	Air Flow	Effluent Flow	Op Init	
11 PM:	225	231	222	208	240	1077	1075	1101	10166.4	0	0.529
Midnite	227	233	224	210	241	1087	1032	1104	10590	0	0.068
1 AM:	227	232	224	208	242	1082	1048	1087	10166.4	0	0.137
2 AM:	226	233	222	208	241	1078	1060	1085	10166.4	0	0.204
3 AM:	225	232	222	208	240	1078	1068	1085	10590	0	0.271
4 AM:	227	232	220	207	240	1077	1070	1092	10590	0	0.334
5 AM:	225	231	222	208	240	1076	1073	1092	10590	0	0.4
6 AM:	225	232	222	208	240	1076	1075	1100	10166.4	0	0.465

AVG.: 226 232 222 208 241 1079 1062.6 1093.3 10378 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
 Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

WAB

**Town of Oyster Bay Department of Public Works
 Groundwater Treatment Facility - Daily Operations Report**



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

DAY
SHIFT

Report Date: May 23 1993

Well Field Operation (GPM)

Air Stripper Operation

	Well 1		Well 2		Well 3		Well 4		Well 5		Well System		Stripper		Pressure Blower		Air Effluent Op	
	1	2	3	4	5	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Pres	Flow	Flow	Init
7 AM:	226	235	219	208	242	1082		1032	1077	10590	0	0.469	KN					
8 AM:	226	232	221	207	240	1078		1048	1076	10943	0	0.06	FC					
9 AM:	227	235	223	208	241	1083		1339	1300	10166.4	0	0.127	KN					
10 AM:	227	235	224	209	242	1082		1028	1070	10166.4	0	0.198	FC					
11 AM:	227	234	223	208	241	1079		1046	1077	10166.4	0	0.26	KN					
Noon:	228	236	223	208	243	1085		1348	1107	10166.4	0	0.325	FC					
1 PM:	228	234	224	209	242	1083		1027	1077	10166.4	0	0.395	KN					
2 PM:	227	235	222	208	240	1079		1045	1075	10590	0	0.462	FC					

AVG.: 227 235 222 208 241 1081 1114.1 1107.4 10369 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

UAB



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

EVENING
SHIFT

May 23 1993

Well Field Operation (GPM)										Air Stripper Operation			
Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Stripper Pressure	Blower Air	Effluent Flow	Op Init
1	2	3	4	5	6	7	8	9	10	Flow	Filtr Flow	Flow	Flow
3 PM: 228	236	217	208	240	1082					1375	1096	10590	0 0.525 KN
4 PM: 227	235	224	209	242	1082					1025	1073	10943	0 0.071 FC
5 PM: 227	236	221	208	240	1079					1044	1075	10590	0 0.134 KN
6 PM: 226	235	217	208	242	1082					1367	1100	10590	0 0.2 FC
7 PM: 228	235	224	208	242	1084					1028	1077	10166.4	0 0.272 KN
8 PM: 226	232	221	208	240	1079					1046	1071	10590	0 0.335 FC
9 PM: 224	233	224	209	241	1080					1380	1093	10166.4	0 0.398 KN
10 PM: 228	235	224	210	241	1083					1026	1075	10590	0 0.472 FC
AVG.:										1161.4	1082.5	10528	0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

LWR

Daily Operations Report



**NIGHT
SHIFT**

May	23	1993

Well Field Operation (GPM)	Air Stripper Operation
100	100
200	200
300	300
400	400
500	500
600	600
700	700
800	800
900	900
1000	1000

	Well 1	Well 2	Well 3	Well 4	Well 5	System Flow	Stripper Flow	Pressure Flow	Blower Air Flow	Air Pres	Effluent Flow	Op Init
11 PM:	228	236	223	208	243	1086	1011	1301	10590	0	0.53	DL
Midnite	228	234	224	208	244	1085	1014	1291	10590	0	0.068	PD
1 AM:	228	233	216	208	240	1080	1036	1077	10590	0	0.136	DL
2 AM:	227	233	222	208	241	1077	1053	1079	10590	0	0.208	PD
3 AM:	228	234	222	208	240	1085	1012	1283	10590	0	0.269	DL
4 AM:	228	234	223	208	241	1082	1026	1070	10590	0	0.344	PD
5 AM:	227	234	222	208	240	1077	1056	1077	10590	0	0.399	DL
6 AM:	226	236	224	208	240	1082	1362	1102	10590	0	0.465	PD

228	234	222	208	241	1082	1071.3	1160	10590	0
AVG.:									

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons). Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:





TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

DAY
SHIFT

May 24 1993

Well Field Operation (GPM) Air Stripper Operation

Well	1	2	Well	3	4	Well	5	Flow	Stripper Pressure	Blower	Air Flow	Effluent Flow	Op Init
7 AM:	227	236	224	209	242	242	1084	1016	1262	10590	0	0.538	MA
8 AM:	225	235	222	208	240	240	1079	1040	1076	10590	0	0.063	DH
9 AM:	226	235	222	208	240	240	1077	1052	1078	10166.4	0	0.126	MA
10 AM:	228	236	224	208	240	240	1085	1014	1272	10590	0	0.198	DH
11 AM:	228	236	221	208	240	240	1080	1037	1076	10590	0	0.263	MA
Noon:	226	235	222	207	240	240	1077	1051	1078	10166.4	0	0.329	DH
1 PM:	228	236	224	210	242	242	1085	1010	1281	10166.4	0	0.397	MA
2 PM:	228	236	224	208	242	242	1081	1036	1076	10590	0	0.465	DH

AVG.: 227 236 223 208 241 1081 1032 1149.9 10431 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

U&B



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

EVENING
SHIFT

May 24 1993

Well Field Operation (GPM)						Air Stripper Operation					
Well 1	Well 2	Well 3	Well 4	Well 5	System Flow	Stripper Pressure Flow	Blower Flow	Air Flow	Effluent Pres	Op Init	
3 PM: 226	236	222	208	240	1079	1048	1077	9813.4	0	0.527	BS
4 PM: 226	237	224	208	244	1087	1010	1104	10166.4	0	0.065	AC
5 PM: 224	236	218	208	240	1082	1040	1121	9813.4	0	0.13	BS
6 PM: 226	236	221	208	240	1079	1051	1114	10166.4	0	0.197	AC
7 PM: 228	236	224	208	241	1088	1007	1110	9813.4	0	0.264	BS
8 PM: 228	234	224	208	240	1082	1031	1111	9813.4	0	0.328	AC
9 PM: 226	235	221	207	240	1078	1050	1115	9813.4	0	0.395	BS
10 PM: 226	236	224	208	241	1083	1054	1133	9813.4	0	0.46	AC

AVG.: 226 236 222 208 241 1082 1036.4 1110.6 9901.7 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons). Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

UNB



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

**NIGHT
SHIFT**

May 24 1993

Well Field Operation (GPM)						Air Stripper Operation					
Well	Well	Well	Well	Well	Well	Strripper Pressure	Blower	Air	Effluent	Op	
1	2	3	4	5	Flow	Flow	Filtr Flow	Air Flow	Pres	Flow	Init
11 PM:	224	234	222	208	241	1080	1041	1077	10166.4	0	0.532
Midnite	224	236	222	208	240	1079	1387	1090	10166.4	0	0.068
1 AM:	228	236	222	208	240	1079	1387	1090	10166.4	0	0.143
2 AM:	224	233	220	208	240	1080	1042	1075	10166.4	0	0.203
3 AM:	226	233	221	208	241	1078	1050	1078	10166.4	0	0.269
4 AM:	224	235	220	208	240	1073	1048	1080	10166.4	0	0.337
5 AM:	224	234	222	207	240	1078	1044	1076	10166.4	0	0.404
6 AM:	225	234	222	208	240	1077	1053	1079	10166.4	0	0.467
AVG.:	225	234	221	208	240	1078	1131.5	1080.6	10166	0	

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

UNB



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

DAY
SHIFT

May 25 1993

Well Field Operation (GPM)										Air Stripper Operation				
Well	Well	Well	Well	Well	Well	System	Flow	Stripper Pressure	Blower	Air Flow	Effluent Flow	Op	Init	
1	2	3	4	5										
7 AM: 226	235	222	208	240	1077		1055	1112	10166.4	0	0.537	DH		
8 AM: 228	235	221	208	242	1083		1018	1110	10166.4	0	0.068	MA		
9 AM: 226	234	219	208	242	1080		1039	1118	10166.4	0	0.127	DH		
10 AM: 226	232	220	208	240	1077		1050	1110	10166.4	0	0.195	MA		
11 AM: 227	234	223	208	244	1085		1012	1323	10166.4	0	0.263	DH		
Noon: 226	233	220	208	241	1080		1036	1123	10166.4	0	0.325	MA		
1 PM: 226	233	222	207	241	1078		1051	1111	10166.4	0	0.392	DH		
2 PM: 228	235	224	208	240	1085		1010	1324	10166.4	0	0.471	MA		
AVG.: 227	234	221	208	241	1081		1033.9	1166.4	10166	0				

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

1000



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

EVENING
SHIFT

May 25 1993

Well Field Operation (GPM)										Air Stripper Operation			
Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Stripper Pressure	Blower	Air	Effluent Op
1	2	3	4	5	6	7	8	9	10	Flow	Filtr Flow	Air Flow	Flow
3 PM: 228	235	224	208	241	1081					1029	1130	10166.4	0 0.523
4 PM: 227	233	221	208	240	1079					1048	1116	10166.4	0 0.067
5 PM: 227	236	224	209	244	1087					1054	1133	10166.4	0 0.137
6 PM: 228	232	224	208	214	1082					1032	1120	10166.4	0 0.202
7 PM: 228	235	220	207	241	1078					1048	1113	10590	0 0.268
8 PM: 226	236	224	208	242	1083					1058	1131	10166.4	0 0.333
9 PM: 227	234	224	208	241	1082					1028	1113	10590	0 0.4
10 PM: 226	232	221	208	241	1078					1045	1115	10166.4	0 0.467
AVG.:										1042.8	1121.4	10272	0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

1000



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

NIGHT
SHIFT

May 25 1993

Well Field Operation (GPM)										Air Stripper Operation				
Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Stripper Pressure	Blower Air	Effluent Op	Flow	Init
1	2	3	4	5	6	7	8	9	10	Flow	Filtr Flow	Air Flow	Pres	Flow
11 PM: 226	236	224	208	240	1083					1030	684	9813.4	0	0.531
Midnite: 227	235	220	207	240	1079					1046	1115	9813.4	0	0.065
1 AM: 226	234	221	208	241	1080					1391	1118	9813.4	0	0.131
2 AM: 226	236	224	208	242	1084					1018	1101	9813.4	0	0.203
3 AM: 227	235	220	208	249	1079					1043	1112	9813.4	0	0.265
4 AM: 225	234	221	207	240	1078					1052	1107	9813.4	0	0.332
5 AM: 227	236	222	210	244	1085					1016	1155	9813.4	0	0.402
6 AM: 227	236	224	208	241	1081					1033	1129	9813.4	0	0.465

AVG.: 226 235 222 208 242 1081 1078.6 1065.1 9813.4 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

LWR

Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report

Daily Operations Report



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

DAY
SHIFT

1993

May

26

Well Field Operation (GPM)										Air Stripper Operation				
Well	Well	Well	Well	Well	Well	System	Flow	Stripper Pressure	Blower Air	Effluent Op	Flow	Pres	Flow	Init
1	2	3	4	5	6									
7 AM:	228	235	222	208	242	1080	1038	1120	10943	0	0.523			DH
8 AM:	225	236	222	207	241	1078	1051	1112	10590	0	0.067			MA
9 AM:	227	236	223	208	242	1086	1007	1343	10590	0	0.138			DH
10 AM:	226	235	223	208	241	1080	1034	1128	10590	0	0.204			MA
11 AM:	225	235	221	208	240	1077	1048	1118	10590	0	0.266			DH
Noon:	228	236	224	208	240	1085	1343	1305	10590	0	0.335			MA
1 PM:	227	235	220	208	241	1081	1029	1112	10590	0	0.399			DH
2 PM:	226	232	221	208	240	1077	1046	1114	10943	0	0.465			MA

AVG.: 227 235 222 208 241 1081 1074.5 1169 10678 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

LIBB



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

EVENING
SHIFT

May 26 1993

Well Field Operation (GPM)						Air Stripper Operation					
Well 1	Well 2	Well 3	Well 4	Well 5	System Flow	Stripper Flow	Pressure Flow	Blower Air Flow	Effluent Flow	Op Init	
3 PM: 241	252	237	220	0	906	1037	1105	10590	0	0.532	BS
4 PM: 244	256	240	222	0	913	974	1116	10590	0	0.057	AC
5 PM: 244	253	239	224	0	912	1026	1128	10590	0	0.113	BS
6 PM: 244	252	240	221	0	907	1058	1121	10166.4	0	0.166	AC
7 PM: 243	252	240	223	0	912	1012	1125	10166.4	0	0.222	BS
8 PM: 240	252	240	221	0	907	1055	1124	10166.4	0	0.275	AC
9 PM: 242	252	237	220	0	905	1058	1132	10166.4	0	0.333	BS
10 PM: 244	256	239	223	0	913	1021	1123	10166.4	0	0.388	AC

AVG.:	243	253	239	222	0	909.4	1030.1	1121.8	10325	0	

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

UNB

Daily Operations Report



**NIGHT
SHIFT**

May	26	1993

Well Field Operation (GPM)	Air Stripper Operation
1000	1000
2000	2000
3000	3000
4000	4000
5000	5000
6000	6000
7000	7000
8000	8000
9000	9000
10000	10000

	Well 1	Well 2	Well 3	Well 4	Well 5	System Flow	Stripper Flow	Pressure Flow	Blower Air Flow	Air Pres	Effluent Flow	Op Init
11 PM:	228	235	223	208	243	1084	1350	1133	10166.4	0	0.544	DL
Midnite	227	236	224	208	242	1084	1019	1106	10166.4	0	0.062	PD
1 AM:	225	236	221	208	242	1079	1041	1123	10166.4	0	0.123	DL
2 AM:	225	232	222	206	240	1077	1054	1110	10166.4	0	0.19	PD
3 AM:	228	236	222	209	243	1085	1015	1114	10166.4	0	0.263	DL
4 AM:	225	236	221	208	242	1081	1033	1123	10166.4	0	0.324	0
5 AM:	227	234	223	207	241	1076	1051	1111	10166.4	0	0.391	DL
6 AM:	228	235	224	208	244	1086	1008	1345	10590	0	0.462	PD

227	235	223	208	242	1082	1071.4	1145.6	10219	0
AVG.:									

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons). Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:





TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

NIGHT
SHIFT

May 27 1993

Well Field Operation (GPM)										Air Stripper Operation				
Well	Well	Well	Well	Well	Well	System	Flow	Strripper	Flow	Pressure	Blower	Air	Effluent	Op
1	2	3	4	5	6			Flow	Filtr	Flow	Flow	Pres	Flow	Init
11 PM:	242	256	240	224	0	914		1007	1116	10166.4	0	0.452		DL
Midnite	244	254	240	224	0	913		1025	1132	10166.4	0	0.054		AC
1 AM:	244	254	239	223	0	912		1032	1130	10166.4	0	0.11		DL
2 AM:	244	253	240	223	0	909		1025	1132	9813.4	0	0.165		AC
3 AM:	243	253	240	224	0	912		1027	1130	10166.4	0	0.229		DL
4 AM:	243	253	240	223	0	910		1044	1133	10166.4	0	0.282		AC
5 AM:	244	254	239	224	0	910		1032	1137	10166.4	0	0.334		DL
6 AM:	244	256	240	224	0	912		575	1113	10166.4	0	0.399		AC

AVG.: 244 254 240 224 0 911.5 970.88 1127.9 10122 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

URP



DAY	SHIFT
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30
31	31

May	27	1993

Well Field Operation (GPM)	Air Stripper Operation
1000	1000
2000	2000
3000	3000
4000	4000
5000	5000
6000	6000
7000	7000
8000	8000
9000	9000
10000	10000

	Well 1	Well 2	Well 3	Well 4	Well 5	Well System Flow	Stripper Flow	Pressure Filtr Flow	Blower Air Flow	Air Pres	Effluent Flow	Op Init
7 AM:	244	256	240	225	0	914	560	1128	10943	0	0.453	MA
8 AM:	243	252	240	225	0	914	1023	1127	10590	0	0.054	DH
9 AM:	243	252	240	224	0	912	1010	1126	11296	0	0.109	MA
10 AM:	244	252	240	224	0	911	1038	1138	10943	0	0.162	DH
11 AM:	240	253	240	224	0	910	1051	1137	10590	0	0.219	MA
Noon:	241	252	239	224	0	909	1032	1137	10590	0	0.274	DH
1 PM:	228	240	225	210	211	1056	1017	1112	9813.4	0	0.342	MA
2 PM:	228	238	223	209	224	1068	1030	1132	10590	0	0.401	DH

239	249	236	221	54.4	949.3	970.13	1129.6	10669	0
AVG.:									

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons). Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

WELL #5 SHUT DOWN AT 1500 HRS. 5/26/93.





TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

**EVENING
SHIFT**

May 27 1993

Well Field Operation (GPM) Air Stripper Operation

	Well Field Operation (GPM)					Air Stripper Operation					Op Init
	Well 1	Well 2	Well 3	Well 4	Well 5	System Flow	Stripper Pressure Flow	Blower Air Flow	Effluent Pres Flow		
3 PM:	224	237	220	208	227	1070	1043	1117	10166.4	0	BS
4 PM:	224	234	221	200	240	1075	1056	1032	10590	0	AC
5 PM:	225	238	220	208	241	1083	1021	1111	10590	0	BS
6 PM:	225	236	222	208	240	1079	1040	1125	10590	0	AC
7 PM:	225	235	220	208	240	1076	1052	1117	10166.4	0	MR
8 PM:	228	237	224	208	241	1084	1011	1112	10166.4	0	AC
9 PM:	226	236	219	206	241	1079	1035	1133	10166.4	0	MR
10 PM:	224	235	221	206	240	1077	1049	1122	10166.4	0	AC

AVG.: 225 236 221 207 239 1078 1038.4 1108.6 10325 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons). Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

WKB



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

NIGHT
SHIFT

May 28 1993

Well Field Operation (GPM) Air Stripper Operation

	Well Field Operation (GPM)					Air Stripper Operation					Op Init
	Well 1	Well 2	Well 3	Well 4	Well 5	System Flow	Stripper Flow	Pressure Filtr Flow	Blower Air Flow	Effluent Pres Flow	
11 PM:	228	235	224	208	241	1084	1347	1146	9107.4	0	DL
Midnite	227	236	222	208	240	1081	1030	686	9107.4	0	DH
1 AM:	226	236	221	208	240	1078	1044	1119	9813.4	0	DL
2 AM:	227	236	221	208	240	1076	1053	1110	9813.4	0	DH
3 AM:	227	236	219	208	241	1083	1018	1113	9813.4	0	DL
4 AM:	225	236	222	208	240	1078	1038	1125	9813.4	0	DH
5 AM:	226	234	222	208	238	1076	1050	1117	9813.4	0	DL
6 AM:	225	236	222	208	240	1075	1057	1111	9813.4	0	DH

AVG.: 226 236 222 208 240 1079 1079.6 1065.9 9636.9 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

LUB



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

DAY
SHIFT

May 28 1993

Well Field Operation (GPM)										Air Stripper Operation				
Well	Well	Well	Well	Well	Well	System	Stripper	Pressure	Blower	Air	Effluent	Op		
1	2	3	4	5	Flow	Flow	Flow	Filtr Flow	Air Flow	Pres	Flow	Init		
7 AM: 226	237	221	207	240	1078		1034	1134	9813.4	0	0.53	KN		
8 AM: 224	236	221	208	240	1077		1049	1122	9389.8	0	0.068	FC		
9 AM: 225	236	222	208	242	1081		1340	1139	9389.8	0	0.134	MA		
10 AM: 225	236	222	207	240	1081		1025	682	9813.4	0	0.205	KN		
11 AM: 225	236	221	208	240	1077		1043	1119	9813.4	0	0.268	FC		
Noon: 225	236	221	208	240	1077		1395	1118	9389.8	0	0.337	KN		
1 PM: 226	238	224	208	237	1080		1021	1108	9813.4	0	0.407	MA		
2 PM: 228	237	224	208	204	1056		1038	1107	9813.4	0	0.469	FC		

AVG.: 226 237 222 208 235 1076 1118.1 1066.1 9654.6 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:



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TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

**EVENING
SHIFT**

May 28 1993

Well Field Operation (GPM)										Air Stripper Operation			
Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Stripper Pressure	Air Flow	Effluent Flow	Op Init
1	2	3	4	5	6	7	8	9	10	Flow	Filtr Flow	Pres	Flow
3 PM: 228	240	223	210	212	1055					1044	1112	9813.4	0 0.535
4 PM: 227	240	219	208	216	1061					1048	1103	10166.4	0 0.063
5 PM: 225	236	219	208	220	1063					1052	1128	10166.4	0 0.127
6 PM: 228	236	224	208	214	1058					1052	1119	10166.4	0 0.195
7 PM: 226	236	220	208	224	1063					1054	1113	9813.4	0 0.266
8 PM: 227	239	219	208	239	1082					1012	1132	10166.4	0 0.33
9 PM: 225	238	222	208	237	1078					1033	1026	10166.4	0 0.395
10 PM: 228	232	224	209	218	1061					1046	1115	10166.4	0 0.46

AVG.: 227 237 221 208 223 1065 1042.6 1106 10078 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:





TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

NIGHT
SHIFT

May 29 1993

Well Field Operation (GPM)							Air Stripper Operation				
Well	Well	Well	Well	Well	Well	System	Stripper Pressure	Blower	Air	Effluent	Op
1	2	3	4	5	Flow		Flow	Filtr Flow	Air Flow	Pres	Flow
11 PM: 228	240	220	208	216	1058		1050	1109	10166.4	0	0.528
Midnite 227	240	220	208	209	1054		1052	1032	10166.4	0	0.059
1 AM: 224	236	221	208	219	1062		1052	1121	10166.4	0	0.126
2 AM: 228	240	224	208	201	1047		1053	1116	10166.4	0	0.192
3 AM: 228	239	223	208	204	1050		1054	1112	10166.4	0	0.259
4 AM: 228	240	224	208	200	1047		1053	1107	10166.4	0	0.327
5 AM: 227	236	224	208	216	1058		1055	1030	10166.4	0	0.386
6 AM: 227	236	224	209	216	1059		1054	1023	10166.4	0	0.451

AVG.: 227 238 223 208 210 1054 1052.9 1081.3 10166 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

UNB

Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report

Daily Operations Report



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

DAY
SHIFT

May 29 1993

Well Field Operation (GPM)										Air Stripper Operation				
Well	Well	Well	Well	Well	Well	System	Stripper Pressure	Blower	Air	Effluent	Op			
1	2	3	4	5	Flow	Flow	Flow	Flow	Flow	Flow	Init			
228	240	224	209	206	1050	1050	1054	1117	10166.4	0	0.521			
227	238	224	208	212	1055	1055	1054	1125	10166.4	0	0.06			
226	238	216	208	209	1052	1052	1053	1122	10943	0	0.128			
228	240	224	207	218	1060	1060	1055	1116	10943	0	0.194			
228	240	224	209	205	1056	1056	1053	1110	10590	0	0.264			
227	239	224	208	215	1060	1060	1055	1106	10943	0	0.328			
226	240	217	208	217	1059	1059	1055	1025	10590	0	0.387			
227	240	217	209	208	1050	1050	1054	1121	10166.4	0	0.452			
AVG.:							1054.1	1105.3	10564	0				

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

WRB



TOWN OF OYSTER BAY
 DEPARTMENT OF PUBLIC WORKS
 GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

**EVENING
SHIFT**

May 29 1993

Well Field Operation (GPM)						Air Stripper Operation					
Well 1	Well 2	Well 3	Well 4	Well 5	System Flow	Stripper Flow	Pressure Flow	Blower Air Flow	Effluent Flow	Op Init	
3 PM: 227	240	223	208	207	1051	1055	1115	10166.4	0	0.52	DL
4 PM: 228	239	224	208	209	1052	1056	1109	10166.4	0	0.068	FC
5 PM: 227	240	224	209	212	1060	1056	691	10590	0	0.133	DL
6 PM: 227	240	224	208	212	1054	1055	1030	10166.4	0	0.191	FC
7 PM: 226	239	222	208	219	1060	1055	1121	10166.4	0	0.262	DL
8 PM: 225	239	217	208	212	1055	1055	1116	10590	0	0.33	FC
9 PM: 225	239	222	208	220	1062	1055	1047	10590	0	0.385	DL
10 PM: 228	240	220	205	215	1063	1055	1135	10590	0	0.451	FC

AVG.: 227 240 222 208 213 1057 1055.3 1045.5 10378 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
 Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

WAB

Town of Oyster Bay Department of Public Works
Groundwater Treatment Facility - Daily Operations Report



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

NIGHT
SHIFT

May 30 1993

Well Field Operation (GPM)						Air Stripper Operation					
Well 1	Well 2	Well 3	Well 4	Well 5	System Flow	Stripper Flow	Pressure Flow	Blower Air Flow	Effluent Pres Flow	Op Init	
11 PM: 229	242	224	210	212	1065	1367	1144	10166.4	0	0.522	DL
Midnite 288	241	225	208	212	1062	1038	1137	9813.4	0	0.068	DH
1 AM: 229	241	225	208	201	1054	1046	1124	9813.4	0	0.136	DL
2 AM: 228	241	224	209	219	1065	1050	1147	9813.4	0	0.197	DH
3 AM: 229	241	224	210	107	1049	1054	1134	9813.4	0	0.264	DL
4 AM: 228	240	223	208	216	1064	1056	1125	9813.4	0	0.331	DH
5 AM: 229	241	224	208	206	1052	1057	1150	9813.4	0	0.393	DL
6 AM: 227	241	222	208	218	1082	1058	1141	9813.4	0	0.458	DH

AVG.: 236 241 224 209 199 1062 1090.8 1137.8 9857.5 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:



Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report



TOWN OF OYSTER BAY
 DEPARTMENT OF PUBLIC WORKS
 GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

DAY
SHIFT

May 30 1993

Well Field Operation (GPM)

	Well Field Operation (GPM)					Air Stripper Operation				
	Well 1	Well 2	Well 3	Well 4	Well 5	System Flow	Stripper Pressure Flow	Blower Air Flow	Effluent Flow	Op Init
7 AM:	227	241	220	207	220	1065	1058	1127	10590	0 0.527 BS
8 AM:	228	243	224	209	201	1045	1058	1123	10590	0 0.067 FC
9 AM:	228	240	224	208	214	1065	1056	1146	10166.4	0 0.127 BS
10 AM:	229	242	223	209	197	1060	1057	1134	10166.4	0 0.195 FC
11 AM:	228	240	224	208	220	1062	1056	1125	10166.4	0 0.262 BS
Noon:	228	242	224	208	206	1052	1057	1115	10943	0 0.328 FC
1 PM:	228	243	224	208	212	1052	1055	1326	10943	0 0.392 BS
2 PM:	228	242	224	209	209	1055	1057	1110	10943	0 0.462 FC

AVG.: 228 242 223 208 210 1057 1056.8 1150.8 10564 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
 Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

WKB



TOWN OF OYSTER BAY
 DEPARTMENT OF PUBLIC WORKS
 GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

**EVENING
SHIFT**

May 30 1993

Well Field Operation (GPM) **Air Stripper Operation**

Well 1	Well 2	Well 3	Well 4	Well 5	System Flow	Stripper Flow	Pressure Flow	Blower Air Flow	Effluent Flow	Op Init
3 PM: 228	240	224	209	204	1064	1057	1107	10166.4	0	0.527 MR
4 PM: 228	241	216	208	217	1061	1057	1129	10166.4	0	0.061 FC
5 PM: 228	242	222	208	205	1064	1057	1121	10590	0	0.129 MR
6 PM: 228	242	224	209	212	1052	1058	1117	10166.4	0	0.193 FC
7 PM: 229	241	224	209	207	1057	1057	1113	10166.4	0	0.26 MR
8 PM: 228	242	224	209	202	1060	1058	1109	10166.4	0	0.326 FC
9 PM: 228	241	223	208	209	1052	1056	1110	10166.4	0	0.392 MR
10 PM: 228	243	224	209	200	1062	1057	1136	9813.4	0	0.454 FC

AVG.: 228 242 223 209 207 1059 1057.1 1117.8 10175 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
 Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

UAB

Daily Operations Report



DAY	SHIFT

May	31	1993

Air Stripper Operation

Well Field Operation (GPM)

	Well 1	Well 2	Well 3	Well 4	Well 5	Well System Flow	Stripper Flow	Pressure Flow	Blower Air Flow	Air Pres	Effluent Flow	Op Init
7 AM:	227	244	224	210	200	1052	1058	1110	10590	0	0.525	KN
8 AM:	228	243	223	209	199	1055	1056	1108	10590	0	0.066	FC
9 AM:	228	243	222	209	204	1049	1055	1128	10166.4	0	0.126	KN
10 AM:	226	242	224	208	218	1060	1057	1119	10590	0	0.195	FC
11 AM:	228	243	224	208	200	1043	1056	1115	10166.4	0	0.26	KN
Noon:	226	241	224	208	204	1047	1064	695	9813.4	0	0.324	FC
1 PM:	227	243	224	208	212	1060	1060	1132	10166.4	0	0.39	KN
2 PM:	227	242	224	208	218	1062	1060	1126	10590	0	0.456	FC

AVG.:

1054

207

209

224

24:

22

AV

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons). Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:





TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

EVENING
SHIFT

May 31 1993

Well Field Operation (GPM)										Air Stripper Operation			
Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Stripper Pressure	Blower	Air	Effluent Op
1	2	3	4	5	6	7	8	9	10	Flow	Filtr Flow	Air Flow	Pres Flow
3 PM: 228	244	221	208	208	208	208	208	208	208	1060	1120	10166.4	0
4 PM: 227	243	219	209	209	212	212	212	212	212	1059	1117	10166.4	0
5 PM: 228	242	222	209	209	203	203	203	203	203	1059	1112	10166.4	0
6 PM: 228	243	224	209	209	205	205	205	205	205	1059	1129	9813.4	0
7 PM: 220	244	222	208	208	211	211	211	211	211	1057	1120	9813.4	0
8 PM: 228	244	223	209	209	204	204	204	204	204	1058	1117	9813.4	0
9 PM: 229	244	223	208	208	209	209	209	209	209	1058	1111	9389.8	0
10 PM: 227	244	224	208	208	214	214	214	214	214	1058	1108	9389.8	0
AVG.:										1058.5	1116.8	9839.9	0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

LUB



**NIGHT
SHIFT**

May	31	1993

Well Field Operation (GPM)	Air Stripper Operation
100	100
200	200
300	300
400	400
500	500
600	600
700	700
800	800
900	900
1000	1000
1100	1100
1200	1200
1300	1300
1400	1400
1500	1500
1600	1600
1700	1700
1800	1800
1900	1900
2000	2000
2100	2100
2200	2200
2300	2300
2400	2400
2500	2500
2600	2600
2700	2700
2800	2800
2900	2900
3000	3000
3100	3100
3200	3200
3300	3300
3400	3400
3500	3500
3600	3600
3700	3700
3800	3800
3900	3900
4000	4000
4100	4100
4200	4200
4300	4300
4400	4400
4500	4500
4600	4600
4700	4700
4800	4800
4900	4900
5000	5000
5100	5100
5200	5200
5300	5300
5400	5400
5500	5500
5600	5600
5700	5700
5800	5800
5900	5900
6000	6000
6100	6100
6200	6200
6300	6300
6400	6400
6500	6500
6600	6600
6700	6700
6800	6800
6900	6900
7000	7000
7100	7100
7200	7200
7300	7300
7400	7400
7500	7500
7600	7600
7700	7700
7800	7800
7900	7900
8000	8000
8100	8100
8200	8200
8300	8300
8400	8400
8500	8500
8600	8600
8700	8700
8800	8800
8900	8900
9000	9000
9100	9100
9200	9200
9300	9300
9400	9400
9500	9500
9600	9600
9700	9700
9800	9800
9900	9900
10000	10000

	Well 1	Well 2	Well 3	Well 4	Well 5	Well System Flow	Stripper Flow	Pressure Flow	Blower Air Flow	Air Pres	Effluent Flow	Op Init
11 PM:	228	243	224	208	210	1055	1058	1128	9389.8	0	0.522	DL
Midnite	227	240	221	208	214	1059	1060	1123	9813.4	0	0.064	DH
1 AM:	228	241	224	209	202	1047	1059	1114	9813.4	0	0.131	DL
2 AM:	226	240	224	208	216	1059	1057	1114	9813.4	0	0.197	DH
3 AM:	228	244	224	210	205	1066	1058	1129	9813.4	0	0.26	DL
4 AM:	228	241	222	208	200	1048	1057	1119	10166.4	0	0.329	DH
5 AM:	229	244	224	209	208	1065	1057	1111	10166.4	0	0.395	DL
6 AM:	227	241	227	208	217	1062	1057	1110	10166.4	0	0.461	DH

228	242	224	209	209	1058	1057.9	1118.5	9892.8	0
AVG.:									

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons). Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:





TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

NIGHT
SHIFT

Jun 1 1993

Well Field Operation (GPM)							Air Stripper Operation				
Well	Well	Well	Well	Well	Well	System	Stripper Pressure	Blower	Air Effluent	Op	
1	2	3	4	5	Flow	Flow	Flow	Filtr Flow	Air Flow	Pres	Flow
11 PM:	226	244	220	208	215	1058	1058	1112	9389.8	0	0.512
Midnite	0	0	0	0	0	0	0	0	0	0	0
1 AM:	0	0	0	0	0	0	0	0	0	0	0
2 AM:	236	252	0	216	227	875	996	1126	6283.4	0	0.04
3 AM:	235	252	0	215	240	887	1028	1132	9107.4	0	0.093
4 AM:	237	252	0	216	240	895	1037	1134	9107.4	0	0.149
5 AM:	242	252	0	221	228	893	1000	1126	9107.4	0	0.205
6 AM:	241	256	0	220	239	903	1037	1140	9107.4	0	0.36

AVG.: 177 189 27.5 162 174 688.9 769.5 846.25 6512.9 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

ALL WELLS SHUT DOWN AT 23:05 DUE TO LIGHTING STORM. PLANT ON LINE AT 01:10. UNABLE TO RESTART WELL # 3.



Daily Operations Report

DAY
SHIFT

1993

Jun	1

[illegible]

Air Stripper Operation

Well Field Operation (GPM)

	Well 1	Well 2	Well 3	Well 4	Well 5	System Flow	Stripper Flow	Pressure Flow	Blower Air Flow	Air Pres	Effluent Flow	Op Init
7 AM:	241	256	0	221	252	918	1041	1130	10166.4	0	0.314	DH
8 AM:	243	256	0	220	253	921	1029	1136	10590	0	0.051	AC
9 AM:	223	239	208	204	239	1059	1025	1116	10590	0	0.122	DH
10 AM:	221	236	216	204	236	1063	1039	1136	10590	0	0.186	AC
11 AM:	222	237	218	204	236	1062	1048	1125	10166.4	0	0.249	DH
Noon:	222	237	217	204	236	1060	1051	1115	10943	0	0.317	AC
1 PM:	223	236	217	205	240	1069	1012	1140	10590	0	0.385	DH
2 PM:	221	237	217	204	237	1066	1026	1125	10166.4	0	0.451	AC

AVG.:

1027

0	

1

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons). Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

M. RODGERS RESTARTED WELL #3 FROM STATE PARK AT 08:20 HRS.





TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

EVENING
SHIFT

Jun 1 1993

Well Field Operation (GPM)

Air Stripper Operation

Well 1	Well 2	Well 3	Well 4	Well 5	System Flow	Stripper Flow	Pressure Flow	Blower Air Flow	Effluent Flow	Op Init
3 PM: 222	237	217	203	237	1064	1039	1116	10590	0	0.515 BS
4 PM: 222	236	216	203	237	1062	1047	1023	10166.4	0	0.065 AC
5 PM: 220	236	216	203	237	1060	1053	1117	10166.4	0	0.13 BS
6 PM: 223	240	219	204	240	1070	1022	1024	9813.4	0	0.197 AC
7 PM: 224	238	217	203	236	1066	1030	1131	9813.4	0	0.262 BS
8 PM: 222	238	217	200	236	1062	1044	1115	9813.4	0	0.329 AC
9 PM: 220	236	217	204	237	1061	1050	1109	9813.4	0	0.397 BS
10 PM: 221	236	217	200	236	1061	1055	1032	9813.4	0	0.462 AC

AVG.:

222 237 217 203 237 1063

1042.5 1083.4 9998.7 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

1000



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

DAY
SHIFT

Jun 2 1993

Well Field Operation (GPM)										Air Stripper Operation				
Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Stripper Pressure	Blower	Air	Effluent	Op
1	2	3	4	5	6	7	8	9	10	Flow	Filtr Flow	Air Flow	Pres	Flow
7 AM: 221	238	217	203	237	1064					1042	1022	9813.4	0	0.537
8 AM: 222	237	217	204	237	1062					1050	1133	9813.4	0	0.058
9 AM: 221	236	216	203	236	1062					1053	1020	9389.8	0	0.125
10 AM: 224	240	218	204	240	1069					1008	1347	9107.4	0	0.195
11 AM: 224	235	217	204	239	1066					1026	1133	9389.8	0	0.259
Noon: 224	240	216	202	236	1063					1040	1118	9389.8	0	0.325
1 PM: 222	236	216	201	237	1062					1048	1118	9389.8	0	0.392
2 PM: 221	236	216	204	236	1060					1053	1138	9813.8	0	0.453
AVG.: 222	237	217	203	237	1064					1040	1128.6	9513.4	0	

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

UKB



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

NIGHT
SHIFT

Jun 2 1993

Well Field Operation (GPM) Air Stripper Operation

	Well Field Operation (GPM)					Air Stripper Operation					Op Init
	Well 1	Well 2	Well 3	Well 4	Well 5	System Flow	Stripper Flow	Pressure Flow	Blower Air Flow	Effluent Pres Flow	
11 PM:	224	239	217	203	236	1065	1376	1141	8472	0	DL
Midnite	223	240	219	204	234	1068	1018	1113	8472	0	PD
1 AM:	223	238	216	203	237	1064	1037	1122	9107.4	0	DL
2 AM:	221	238	216	203	236	1062	1047	1113	9107.4	0	PD
3 AM:	219	240	218	204	236	1065	1052	690	9107.4	0	DL
4 AM:	221	237	216	202	237	1060	1056	1124	9107.4	0	PD
5 AM:	222	233	217	204	237	1060	1343	1319	9107.4	0	DL
6 AM:	223	236	218	203	237	1065	1043	1140	9813.4	0	PD

AVG.: 222 238 217 203 236 1064 1121.5 1095.3 9036.8 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

UNB



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

EVENING
SHIFT

Jun 2 1993

Well Field Operation (GPM) Air Stripper Operation

	Well Field Operation (GPM)					Air Stripper Operation				
	Well 1	Well 2	Well 3	Well 4	Well 5	Flow	Stripper Pressure	Blower Air Flow	Effluent Flow	Op Init
3 PM:	224	240	217	203	238	1067	1055	1107	9389.8	0 0.523
4 PM:	224	240	217	204	238	1067	1023	1123	9389.8	0 0.068
5 PM:	223	240	216	203	236	1064	1038	1119	9389.8	0 0.134
6 PM:	221	236	216	203	236	1062	1047	1107	9813.4	0 0.2
7 PM:	220	234	217	203	236	1063	1044	1114	9389.8	0 0.266
8 PM:	221	237	216	204	235	1062	1051	1108	9813.4	0 0.332
9 PM:	220	237	217	203	237	1060	1053	1102	9813.4	0 0.395
10 PM:	224	240	216	204	240	1070	1027	1113	10166.4	0 0.464

AVG.: 222 238 217 203 237 1064 1042.3 1111.6 9645.7 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

LKB

Daily Operations Report



EVENING SHIFT

Jun	3	1993

Well Field Operation (GPM)	Air Stripper Operation
1000	1000
2000	2000
3000	3000
4000	4000
5000	5000
6000	6000
7000	7000
8000	8000
9000	9000
10000	10000

	Well 1	Well 2	Well 3	Well 4	Well 5	System Flow	Stripper Flow	Pressure Flow	Blower Air Flow	Air Pres	Effluent Flow	Op Init
3 PM:	221	238	216	204	237	1063	1040	1078	10590	0	0.531	BS
4 PM:	220	239	216	204	236	1060	1048	1082	10166.4	0	0.065	AC
5 PM:	222	240	216	202	237	1060	1053	1086	10166.4	0	0.128	BS
6 PM:	224	240	220	203	236	1069	1014	1090	10166.4	0	0.195	AC
7 PM:	224	240	219	204	236	1065	1034	1070	9813.4	0	0.265	BS
8 PM:	222	240	217	204	237	1062	1043	1077	9813.4	0	0.329	AC
9 PM:	220	240	218	204	236	1062	1047	1082	9813.4	0	0.394	BS
10 PM:	221	240	216	203	236	1060	1052	1083	9813.4	0	0.459	AC
AVG.:	222	240	217	204	236	1063	1041.4	1081	10043	0		

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons). Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:



TOWN OF CLEVELAND, OHIO DEPARTMENT OF PUBLIC WORKS
 WASTEWATER TREATMENT FACILITY - DAILY OPERATIONS REPORT

Table Operations Report

MAR
 1993

CLEVELAND, OHIO
 WASTEWATER TREATMENT FACILITY

Jun 3 1993

Veil Condition (GPM)										Air Stripped (per hour)			
Well	1	2	3	4	5	Flow	Stripper Pressure	Blower	Air Effluent Op	Flow	Filtr Flow	Air Flow	Pres Flow
1	20	18	18	203	233	10.10	10.50	0.7	10.93	0	0.32	0	0.32
2	20	10	18	203	230	10.10	10.25	1	10.50	0	0.36	0	0.36
3	20	10	18	204	233	10.14	10.30	1	10.93	0	0.30	0	0.30
4	20	10	16	204	233	10.12	10.4	0.7	10.50	0	0.30	0	0.30
5	20	10	17	204	233	10.14	10.4	0.0	10.50	0	0.36	0	0.36
6	20	10	17	203	233	10.10	10.53	0.1	10.50	0	0.30	0	0.30
7	20	10	18	203	230	10.18	10.12	2.8	10.50	0	0.10	0	0.10
8	20	10	16	203	233	10.14	10.30	0.3	10.93	0	0.36	0	0.36
9	221	240	217	203	237	1064	1036.6	1118	10722	0			

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
 Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATING DATA REPORT

1151 T
1152 T

Jun	3	1993

Well Field Operation (GF VI)

Kit: 100 per (per 100)

	Well 1	Well 2	Well 3	Well 4	Well 5	System Flow	Stripper Flow	Pressure Filtr Flow	Blower Air Flow	Air Pres	Effluent Flow	Op Init
11 PM:	224	239	217	203	238	1' 6"	1' 12"	1' 80"	0' 6"	4'	(5' 3"	D
Midnite	222	240	218	204	237	1' 6"	1' 14"	1' 80"	0' 6"	4'	(0' 1"	P
1 AM:	222	235	216	203	235	1' 6"	1' 14"	1' 72"	0' 6"	4'	(1' 6"	D
2 AM:	220	240	216	200	238	1' 6"	1' 15"	1' 80"	9' 8"	8'	(1' 3"	P
3 AM:	224	240	217	204	236	1' 70"	1' 10"	1' 90"	9' 8"	8'	3' 6"	D
4 AM:	224	240	218	204	237	1' 6"	1' 12"	1' 72"	9' 8"	8'	(3' 1"	P
5 AM:	222	240	218	202	236	1' 6"	1' 14"	1' 80"	9' 8"	8'	(3' 5"	D
6 AM:	221	240	216	200	236	1' 6"	1' 14"	1' 82"	9' 8"	8'	(4' 8"	P

AVG.:

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).

Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

NIGHT
SHIFT

Jun 4 1993

Well Field Operation (GPM)					Air Stripper Operation				
Well	Well	Well	Well	Well	Stripper Pressure	Blower	Air	Effluent	Op
1	2	3	4	5	Flow	Filtr Flow	Air Flow	Pres	Flow
11 PM: 224	240	218	203	237	1067	1362	1291	9813.4	0 0.524
Midnite 221	240	218	204	237	1068	1021	1075	9813.4	0 0.073
1 AM: 223	240	218	203	237	1064	1036	1075	9389.8	0 0.136
2 AM: 221	240	216	203	236	1061	1046	1080	9389.8	0 0.199
3 AM: 221	240	216	203	236	1060	1052	1083	9107.4	0 0.266
4 AM: 224	240	219	204	240	1068	1349	1291	9813.4	0 0.33
5 AM: 220	239	218	204	237	1066	1023	1073	9813.4	0 0.401
6 AM: 220	240	217	204	236	1063	1034	1073	10166.4	0 0.468
AVG.: 222 240 218 204 237 1065					1115.4	1130.1	9663.4	0	

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:





TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

DAY
SHIFT

Jun 4 1993

Well Field Operation (GPM)										Air Stripper Operation				
Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Stripper Pressure	Blower Air	Effluent Op	Flow	Init
1	2	3	4	5	6	7	8	9	10	Flow	Filtr Flow	Air Flow	Pres	Flow
7 AM: 222	240	216	201	236	1060					1047	1074	9813.4	0	0.53
8 AM: 220	239	217	201	236	1060					1053	1082	10590	0	0.063
9 AM: 222	240	217	203	236	1068					1010	1267	10590	0	0.143
10 AM: 224	239	218	203	237	1066					1028	1070	9813.4	0	0.203
11 AM: 222	239	218	204	238	1063					1040	1074	10166.4	0	0.269
Noon: 220	239	216	202	235	1061					1048	1078	10166.4	0	0.331
1 PM: 221	240	217	202	236	1060					1053	1081	10590	0	0.393
2 PM: 224	241	217	203	236	1068					1010	1269	10166.4	0	0.466
AVG.: 222	240	217	202	236	1063					1036.1	1124.4	10237	0	

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

UAB

Daily Operations Report



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

EVENING SHIFT

1993

Jun	4

1993

Well Field Operation (GPM)	Air Stripper Operation
1000	1000
2000	2000
3000	3000
4000	4000
5000	5000
6000	6000
7000	7000
8000	8000
9000	9000
10000	10000

	Well 1	Well 2	Well 3	Well 4	Well 5	Well System Flow	Stripper Flow	Pressure Flow	Blower Air Flow	Air Pres	Effluent Flow	Op Init
3 PM:	220	240	217	203	237	1064	1032	1073	10590	0	0.532	BS
4 PM:	221	240	216	204	236	1063	1042	1075	10166.4	0	0.063	AC
5 PM:	222	239	217	202	236	1061	1048	1080	10166.4	0	0.127	BS
6 PM:	220	240	216	204	236	1061	1055	1084	10166.4	0	0.192	AC
7 PM:	224	242	216	202	240	1068	1013	1080	9813.4	0	0.26	BS
8 PM:	224	240	217	204	238	1065	1028	1074	10166.4	0	0.328	AC
9 PM:	221	240	216	202	236	1062	1044	1077	9813.4	0	0.394	BS
10 PM:	222	240	216	203	236	1061	1050	1081	9813.4	0	0.456	AC

222	240	216	203	237	1063
AVG.:					
1039	1078	10087	0		

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons). Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:



Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

**EVENING
SHIFT**

Jun 5 1993

Well Field Operation (GPM)

	Well 1	Well 2	Well 3	Well 4	Well 5	Well System Flow	Stripper Pressure Flow	Blower Air Flow	Effluent Pres Flow	Op Init
3 PM:	224	241	217	204	236	1067	1029	1066	10943	0 0.531 KN
4 PM:	221	240	216	204	237	1068	1040	1075	10943	0 0.063 FC
5 PM:	221	240	216	201	236	1061	1048	1072	10943	0 0.129 KN
6 PM:	220	240	217	204	236	1061	1055	1085	10943	0 0.191 FC
7 PM:	223	243	217	204	238	1069	1013	1259	10590	0 0.263 KN
8 PM:	222	240	217	204	237	1065	1033	1072	10166.4	0 0.331 FC
9 PM:	222	240	216	200	236	1063	1042	1075	10166.4	0 0.393 KN
10 PM:	221	240	217	202	236	1062	1049	1078	10166.4	0 0.457 FC

AVG.: 222 241 217 203 237 1065 1038.6 1097.8 10608 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:





TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

DAY
SHIFT

Jun 5 1993

Well Field Operation (GPM)

	Well 1	Well 2	Well 3	Well 4	Well 5	Well System	Flow	Stripper Pressure	Blower	Air Flow	Effluent Flow	Op Init
7 AM:	220	240	216	203	237	1062	1045	1076	10590	0	0.532	KN
8 AM:	220	240	215	201	236	1060	1050	1081	10590	0	0.064	FC
9 AM:	222	241	218	203	236	1065	1370	1271	9813.4	0	0.127	KN
10 AM:	223	240	217	203	238	1067	1022	1072	10166.4	0	0.203	FC
11 AM:	222	240	217	201	236	1064	1036	1072	10166.4	0	0.266	KN
Noon:	222	240	216	203	236	1062	1047	1077	10590	0	0.334	FC
1 PM:	220	240	216	202	236	1062	1053	1077	10590	0	0.394	KN
2 PM:	222	242	219	203	240	1070	1007	1281	10166.4	0	0.461	FC

AVG.: 221 240 217 202 237 1064 1078.8 1125.9 10334 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:



Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

NIGHT
SHIFT

Jun 5 1993

Well Field Operation (GPM) Air Stripper Operation

Well	Well	Well	Well	Well	System	Stripper Pressure	Air Pressure	Air Flow	Effluent Flow	Op
1	2	3	4	5	Flow	Flow	Flow	Flow	Flow	Init
11 PM: 220	239	216	201	236	1060	1055	1081	10590	0	BS
Midnite 224	241	218	204	236	1068	1017	1250	10590	0	DH
1 AM: 221	240	217	204	236	1064	1034	1073	9389.8	0	BS
2 AM: 223	240	217	202	237	1062	1044	1075	10166.4	0	DH
3 AM: 221	240	216	203	236	1061	1051	1080	9813.4	0	BS
4 AM: 221	240	217	204	236	1063	1396	1093	9813.4	0	DH
5 AM: 224	242	217	204	236	1067	1021	1070	9813.4	0	BS
6 AM: 222	240	216	203	236	1064	1036	1070	10590	0	DH

AVG.: 222 240 217 203 236 1064 1081.8 1099 10096 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

UNION

Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report

Daily Operations Report



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

**EVENING
SHIFT**

Jun 6 1993

		Well Field Operation (GPM)					Air Stripper Operation				
		Well 1	Well 2	Well 3	Well 4	Well 5	Well System Flow	Stripper Pressure Flow	Blower Air Flow	Effluent Pres Flow	Op Init
3 PM:		221	240	216	200	238	1065	1035	1070	10166.4	0 0.532 KN
4 PM:		222	240	216	202	237	1069	1045	1075	9813.4	0 0.063 FC
5 PM:		221	241	216	202	236	1062	1051	1072	10166.4	0 0.125 KN
6 PM:		223	243	217	203	240	1071	1005	1277	10166.4	0 0.195 FC
7 PM:		223	242	219	203	236	1067	1026	1069	9813.4	0 0.266 KN
8 PM:		222	241	218	203	237	1067	1042	1072	10590	0 0.329 FC
9 PM:		220	240	216	200	236	1061	1048	1077	10590	0 0.393 KN
10 PM:		212	240	217	203	236	1061	1053	1083	10166.4	0 0.458 FC
AVG.:		221	241	217	202	237	1065	1038.1	1099.4	10184	0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:





TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
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DAY
SHIFT

Jun 6 1993

Well Field Operation (GPM)					Air Stripper Operation				
Well 1	Well 2	Well 3	Well 4	Well 5	System Flow	Stripper Pressure Flow	Blower Air Flow	Effluent Flow	Op Init
7 AM: 221	241	216	201	236	1062	1047	1078	7483.6	0 0.532
8 AM: 220	240	216	202	236	1060	1053	1082	10166.4	0 0.063
9 AM: 223	241	218	203	240	1070	1004	1285	10166.4	0 0.13
10 AM: 220	242	217	203	238	1065	1027	1068	10590	0 0.202
11 AM: 222	240	216	202	236	1062	1040	1072	10590	0 0.265
Noon: 221	240	216	201	236	1062	1048	1076	10166.4	0 0.328
1 PM: 220	240	216	202	236	1061	1054	1082	10166.4	0 0.393
2 PM: 222	241	219	204	237	1068	1016	1247	10943	0 0.464

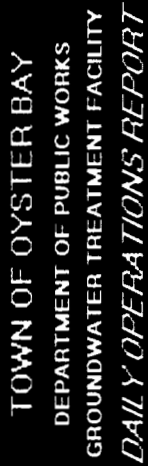
AVG.: 221 241 217 202 237 1064 1036.1 1123.8 10034 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

UAB

Daily Operations Report



NIGHT SHIFT

Jun	6	1993

Well Field Operation (GPM)

Air Stripper Operation

222	241	217	203	237	1064
AVG.:					
1080.8	1098.5	9495.7	0		

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons). Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:





TOWN OF OYSTER BAY
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**EVENING
SHIFT**

Jun 7 1993

Well Field Operation (GPM)										Air Stripper Operation				
Well	Well	Well	Well	Well	Well	System	Stripper Pressure	Blower	Air	Effluent	Op			
1	2	3	4	5	Flow	Flow	Flow	Filtr Flow	Air Flow	Pres	Flow			
3 PM: 221	241	216	203	238	1062		1043	1074	9813.4	0	0.531	BS		
4 PM: 220	240	216	202	236	1061		1047	1081	9813.4	0	0.064	AC		
5 PM: 220	240	216	203	236	1061		1050	1085	10166.4	0	0.129	BS		
6 PM: 224	242	219	204	237	1067		1021	1070	10166.4	0	0.201	AC		
7 PM: 220	242	217	204	236	1064		1036	1070	10166.4	0	0.266	BS		
8 PM: 220	241	216	203	236	1061		1044	1074	9813.4	0	0.33	AC		
9 PM: 221	240	215	200	236	1060		1050	1080	9813.4	0	0.395	BS		
10 PM: 222	244	219	204	240	1070		1008	1071	9813.4	0	0.465	AC		

AVG.: 221 241 217 203 237 1063 1037.4 1075.6 9945.8 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

LAB



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

NIGHT
SHIFT

1993

Jun 7

Well Field Operation (GPM)					Air Stripper Operation				
Well	Well	Well	Well	Well	Stripper Pressure	Blower	Air	Effluent	Op
1	2	3	4	5	Flow	Flow	Flow	Flow	Init
11 PM: 222	240	218	204	240	1070	1012	1259	8472	0 0.528
Midnite: 220	241	216	204	237	1065	1030	1070	8472	0 0.065
1 AM: 222	241	217	204	237	1064	1046	1075	9813.4	0 0.13
2 AM: 221	240	216	201	236	1062	1050	1078	9813.4	0 0.194
3 AM: 222	242	216	201	236	1061	1055	1085	9813.4	0 0.258
4 AM: 220	243	216	204	238	1067	1023	1067	9813.4	0 0.333
5 AM: 222	240	216	204	234	1064	1036	1071	9813.4	0 0.397
6 AM: 221	240	216	202	236	1062	1045	1074	9389.8	0 0.465

AVG:

221 241 216 203 237 1064

1037.1 1097.4 9425.1 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).

Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

1000



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
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EVENING
SHIFT

1993

8

Jun

Well Field Operation (GPM)						Air Stripper Operation					
Well	Well	Well	Well	Well	5	Flow	Flow	Filtr Flow	Air Flow	Pres	Flow
1	2	3	4	5	6	7	8	9	10	11	12
3 PM:	220	241	216	201	236	1060	1048	1077	10590	0	0.528
4 PM:	223	243	216	203	237	1066	1050	1078	10166.4	0	0.066
5 PM:	222	244	217	202	238	1067	1020	1067	10166.4	0	0.139
6 PM:	221	241	217	203	236	1063	1038	1070	9813.4	0	0.202
7 PM:	220	240	216	203	237	1061	1045	1075	9813.4	0	0.264
8 PM:	220	240	216	201	236	1059	1049	1078	9813.4	0	0.327
9 PM:	224	244	217	204	236	1068	1013	1067	10166.4	0	0.396
10 PM:	222	242	216	200	238	1064	1027	1068	10166.4	0	0.465

AVG.: 222 242 216 202 237 1064 1036.3 1072.5 10087 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

LRB



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
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DAY
SHIFT

Jun 8 1993

Well Field Operation (GPM)										Air Stripper Operation			
Well	Well	Well	Well	Well	Well	System	Stripper	Air	Effluent				
1	2	3	4	5	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Init
7 AM: 223	242	216	203	238	1063		1382	1096	9813.4	0	0.524		DH
8 AM: 221	241	216	204	236	1065		1023	1063	9389.8	0	0.073		MA
9 AM: 221	240	216	202	236	1063		1037	1065	10943	0	0.136		DH
10 AM: 220	240	216	203	236	1060		1045	1075	10590	0	0.201		MA
11 AM: 222	240	216	200	235	1059		1049	1080	10590	0	0.264		DH
Noon: 224	242	219	204	236	1069		1005	1269	10166.4	0	0.336		MA
1 PM: 222	242	217	203	237	1065		1028	1069	10590	0	0.402		DH
2 PM: 222	242	216	201	237	1062		1041	1072	9813.4	0	0.464		MA
AVG.:							1076.3	1098.6	10237	0			

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

URG



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
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DAILY OPERATIONS REPORT

**NIGHT
SHIFT**

Jun 8 1993

Well Field Operation (GPM)						Air Stripper Operation					
Well	Well	Well	Well	Well	System	Stripper Pressure	Blower	Air	Effluent	Op	
1	2	3	4	5	Flow	Flow	Filtr Flow	Flow Pres	Flow	Init	
11 PM:	222	242	218	203	235	1065	1026	1066	6918.8	0	0.534
Midnite	220	241	216	203	236	1063	1041	1077	7977.8	0	0.061
1 AM:	221	241	216	202	237	1061	1046	1075	8472	0	0.124
2 AM:	221	240	216	202	236	1060	1053	1075	7977.8	0	0.189
3 AM:	222	240	216	204	238	1067	1015	1250	10166.4	0	0.263
4 AM:	220	241	218	203	237	1063	1033	1070	9813.4	0	0.329
5 AM:	220	240	216	201	236	1061	1042	1073	9813.4	0	0.394
6 AM:	221	240	216	201	236	1060	1048	1079	10166.4	0	0.458

AVG.: 221 241 217 202 236 1063

1038 1095.6 8913.3 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

LRB



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

EVENING
SHIFT

Jun 9 1993

Well Field Operation (GPM)										Air Stripper Operation				
Well	Well	Well	Well	Well	Well	System	Stripper	Pressure	Blower	Air	Effluent	Op		
1	2	3	4	5	Flow	Flow	Flow	Filtr	Air	Flow	Flow	Init		
3 PM:	220	240	217	206	236	1075	1064	1097	9813.4	0	0.382	BS		
4 PM:	222	240	219	207	240	1075	1068	1069	9813.4	0	0.066	AC		
5 PM:	222	240	219	206	238	1075	1071	1075	10166.4	0	0.134	BS		
6 PM:	0	0	0	0	0	0	0	0	0	0	0	AC		
7 PM:	0	275	0	229	234	704	1060	1068	10590	0	0.179	BS		
8 PM:	0	276	0	230	203	682	1071	1078	10590	0	0.22	AC		
9 PM:	0	276	0	232	260	732	1047	1099	10166.4	0	0.266	BS		
10 PM:	0	0	0	0	0	0	0	0	0	0	0.272	AC		
AVG.:	83	193	81.9	164	176	667.9	797.63	810.75	7642.5	0				

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

WELLS SHUT DOWN DUE TO LIGHTNING STORM AT 17:00 HRS. PLANT ON LINE AT 18:10 HRS. WELLS #1 AND 3 WILL NOT START. 18:20 HRS. AIR STRIPPER PUMPS WILL NOT WORK IN AUTO OPERATING PUMPS IN MANUAL. 21:10 HRS WELLS SHUT DOWN DUE TO LIGHTNING STORM.

LUNN



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
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DAILY OPERATIONS REPORT

DAY
SHIFT

Jun 9 1993

Well Field Operation (GPM)							Air Stripper Operation						
Well 1	Well 2	Well 3	Well 4	Well 5	Well System	Flow	Stripper Flow	Pressure Filtr	Blower Air Flow	Effluent Pres	Flow	Op Init	
7 AM:	0	277	0	228	262	722	560	1071	9107.4	0	0.375	DH	
8 AM:	0	280	0	229	260	725	559	2	9107.4	0	0.043	MA	
9 AM:	0	280	0	232	264	728	591	1	12002	0	0.089	DH	
10 AM:	0	280	0	231	260	731	555	1094	11296	0	0.135	MA	
11 AM:	0	280	0	232	264	732	556	1070	11296	0	0.178	DH	
Noon:	0	279	0	234	264	736	586	1082	9107.4	0	0.226	MD	
1 PM:	0	280	0	236	263	737	228	1085	9107.4	0	0.271	DH	
2 PM:	222	238	206	205	237	1058	1060	1095	9107.4	0	0.324	MA	

AVG.: 27.8 274 25.8 228 259 771.1 586.88 812.5 10016 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

WELLS #1 AND 3 ONLINE AT 13:30 HRS.

WATER



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
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NIGHT
SHIFT

Jun 9 1993

Well Field Operation (GPM)						Air Stripper Operation					
Well 1	Well 2	Well 3	Well 4	Well 5	System Flow	Stripper Flow	Pressure Flow	Blower Air Flow	Effluent Flow	Op Init	
11 PM: 222	242	216	202	236	1062	1039	1070	10166.4	0	0.531	DL
Midnite 220	242	215	201	236	1060	1046	1074	10166.4	0	0.061	PD
1 AM: 220	242	216	202	236	1059	1051	1080	10166.4	0	0.127	DL
2 AM: 0	0	0	0	0	0	0	0	0	0	0.195	PD
3 AM: 0	280	0	224	238	692	1	1	7977.8	0	0.2	DL
4 AM: 0	279	0	224	239	698	598	681	7977.8	0	0.236	PD
5 AM: 0	280	0	227	244	704	554	1097	7977.8	0	0.281	DL
6 AM: 0	276	0	227	260	719	595	685	7977.8	0	0.321	PD

AVG.: 82.8 230 80.9 188 211 749.3 610.5 711 7801.3 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).

Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

SHUT DOWN WELLS AT 01:50 HRS. DUE TO LIGHTNING STORM. PLANT ON LINE AT 02:50 HRS.

UNION



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

EVENING
SHIFT

Jun 10 1993

Well Field Operation (GPM)						Air Stripper Operation					
Well 1	Well 2	Well 3	Well 4	Well 5	System Flow	Stripper Flow	Pressure Flow	Blower Air Flow	Air Pres	Effluent Flow	Op Init
3 PM: 220	238	216	205	236	1076	1072	1103	10590	0	0.52	DL
4 PM: 220	237	217	208	237	1075	1073	1100	10590	0	0.069	AC
5 PM: 220	238	216	208	239	1079	1075	1085	10166.4	0	0.137	DL
6 PM: 220	237	216	208	236	1079	1074	1089	10166.4	0	0.2	AC
7 PM: 221	232	217	207	237	1080	1075	1102	10166.4	0	0.266	DL
8 PM: 220	232	218	208	237	1080	1071	1094	9813.4	0	0.334	AC
9 PM: 221	240	216	208	238	1080	1072	1082	9813.4	0	0.403	DL
10 PM: 220	240	216	208	236	1076	1073	1090	9813.4	0	0.468	AC

AVG.: 220 237 217 208 237 1078 1073.1 1093.1 10140 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

U&B

Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

DAY
SHIFT

Jun 10 1993

Well Field Operation (GPM)					Air Stripper Operation				
Well 1	Well 2	Well 3	Well 4	Well 5	System Flow	Stripper Pressure Flow	Air Flow	Effluent Pres Flow	Op Init
7 AM: 216	235	214	204	200	1019	1064	1103	10590	0 0.165 MA
8 AM: 219	238	216	206	235	1067	1058	1104	10590	0 0.06 DC
9 AM: 220	237	217	206	236	1073	1061	1102	10590	0 0.12 MA
10 AM: 220	237	216	205	237	1071	1065	1105	10590	0 0.185 DC
11 AM: 221	237	216	205	237	1075	1065	1101	10590	0 0.217 MA
Noon: 220	240	217	208	237	1074	1071	1083	10943	0 0.326 DC
1 PM: 221	238	218	207	238	1076	1011	1089	10590	0 0.389 MA
2 PM: 220	237	216	205	257	1075	1072	1097	10590	0 0.457 DC
AVG.:					220 237 216 206 235	1066	1058.4	1098	10634 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

ALL WELLS ON LINE AT 06:25 HRS.

U&B



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

NIGHT
SHIFT

Jun 10 1993

Well Field Operation (GPM)						Air Stripper Operation					
Well 1	Well 2	Well 3	Well 4	Well 5	System Flow	Stripper Flow	Pressure Flow	Blower Flow	Air Flow	Effluent Flow	Op Init
11 PM:	0	0	0	0	0	0	0	0	0	0	DL
Midnite	0	0	0	0	0	0	0	0	0	0	PD
1 AM:	0	0	0	0	0	0	0	0	0	0	DL
2 AM:	0	0	0	0	0	0	0	0	0	0	PD
3 AM:	0	286	0	240	0	495	572	676	9389.8	0	DL
4 AM:	0	286	0	240	0	499	560	674	9389.8	0	PD
5 AM:	0	286	0	242	0	500	559	2	9389.8	0	DL
6 AM:	0	284	0	240	0	498	598	685	10166.4	0	PD

AVG.: 0 143 0 120 0 249 286.13 254.63 4792 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

PLANT ON LINE AT 03:00 HRS WELLS #1,3 AND 5 WILL NOT START.



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DEPARTMENT OF PUBLIC WORKS
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NIGHT
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Jun 11 1993

Well Field Operation (GPM)						Air Stripper Operation					
Well 1	Well 2	Well 3	Well 4	Well 5	System Flow	Stripper Flow	Pressure Filtr Flow	Blower Air Flow	Air Pres Flow	Effluent Flow	Op Init
11 PM: 220	240	216	208	238	1076	1075	1100	10166.4	0	0.537	BS
Midnite: 224	240	218	206	236	1077	1075	1250	10166.4	0	0.065	PD
1 AM: 220	232	217	206	238	1075	1076	1080	11649	0	0.133	BS
2 AM: 220	237	216	208	237	1072	1075	1093	10943	0	0.198	PD
3 AM: 220	240	217	208	237	1073	1075	1100	10166.4	0	0.262	BS
4 AM: 221	236	217	204	238	1073	1076	1249	10590	0	0.332	PD
5 AM: 220	236	217	208	236	1073	1073	1083	10590	0	0.4	BS
6 AM: 222	238	216	208	238	1072	1077	1091	10590	0	0.466	PD

AVG.: 221 237 217 207 237 1074 1075.3 1130.8 10608 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

LWR



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

DAY
SHIFT

Jun 11 1993

Well Field Operation (GPM)							Air Stripper Operation				
Well 1	Well 2	Well 3	Well 4	Well 5	Well System	Flow	Stripper Flow	Pressure Flow	Blower Air Flow	Effluent Pres	Op Init
7 AM: 220	237	216	208	237	1072	1074	1100	10943	0	0.529	FC
8 AM: 221	240	217	207	238	1076	1075	1239	10943	0	0.071	MA
9 AM: 222	237	216	208	236	1075	1076	1083	10943	0	0.137	FC
10 AM: 222	232	216	208	238	1074	1075	1093	10590	0	0.202	MA
11 AM: 222	240	216	208	236	1074	1075	1100	10590	0	0.27	FC
Noon: 220	236	217	208	237	1075	1077	1072	10590	0	0.341	MA
1 PM: 221	236	217	207	236	1075	1076	1087	10590	0	0.404	FC
2 PM: 221	240	217	204	236	1074	1075	1096	10590	0	0.469	MA
AVG.:	221	237	217	207	237	1074	1075.4	1108.8	10722	0	

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

U.S. EPA



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
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**EVENING
SHIFT**

Jun 11 1993

Well Field Operation (GPM)							Air Stripper Operation						
Well	Well	Well	Well	Well	Well	System	Stripper	Pressure	Blower	Air	Effluent	Op	
1	2	3	4	5	Flow	Flow	Flow	Filtr Flow	Air Flow	Pres	Flow	Init	
3 PM:	220	239	216	208	236	1074	1075	1094	10166.4	0	0.536	BS	
4 PM:	220	240	216	208	237	1075	1073	1112	10166.4	0	0.065	AC	
5 PM:	221	240	217	208	236	1075	1075	1116	10166.4	0	0.131	BS	
6 PM:	221	238	216	207	236	1075	1073	1112	9813.4	0	0.196	AC	
7 PM:	221	240	216	208	236	1077	1076	1119	9813.4	0	0.259	BS	
8 PM:	219	240	218	209	240	1082	1059	1109	9389.8	0	0.328	AC	
9 PM:	222	240	216	208	237	1077	1064	1109	9813.4	0	0.398	BS	
10 PM:	222	239	218	208	237	1078	1066	1108	9813.4	0	0.465	AC	

AVG.:	221	240	217	208	237	1077	1070.1	1109.9	9892.8	0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

URG



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
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NIGHT
SHIFT

Jun 12 1993

Well Field Operation (GPM)						Air Stripper Operation					
Well 1	Well 2	Well 3	Well 4	Well 5	System Flow	Stripper Flow	Pressure Flow	Blower Flow	Air Pres	Effluent Flow	Op Init
11 PM: 221	240	217	208	238	1075	1071	1112	9813.4	0	0.534	DL
Midnite: 221	240	216	208	263	1075	1072	1115	9813.4	0	0.072	DH
1 AM: 220	240	216	206	237	1075	1074	1117	9813.4	0	0.143	DL
2 AM: 221	238	216	207	237	1076	1075	1119	10166.4	0	0.204	DH
3 AM: 221	238	216	208	237	1077	1075	1120	10166.4	0	0.269	DL
4 AM: 222	240	216	208	237	1076	1076	1121	10166.4	0	0.337	DH
5 AM: 223	240	216	208	236	1078	1075	1122	10166.4	0	0.405	DL
6 AM: 220	240	216	208	236	1078	1076	1120	10166.4	0	0.476	DH

AVG.: 221 240 216 208 240 1076 1074.3 1118.3 10034 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

LWR

Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report

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**DAY
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Jun 12 1993

Well Field Operation (GPM)										Air Stripper Operation				
Well	Well	Well	Well	Well	Well	System	Flow	Flow	Flow	Strripper Pressure	Blower	Air	Effluent	Op
1	2	3	4	5	6	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Init
7 AM: 220	238	216	207	236	1077	1077	1077	1077	1077	1123	10166.4	0	0.537	BS
8 AM: 220	238	218	208	236	1077	1077	1077	1077	1077	1124	10943	0	0.067	FC
9 AM: 220	239	216	207	236	1076	1076	1076	1076	1076	1123	10943	0	0.133	BS
10 AM: 220	240	214	206	236	1077	1077	1077	1077	1077	1119	10943	0	0.198	FC
11 AM: 222	239	216	208	237	1078	1078	1078	1078	1078	1120	10943	0	0.266	BS
Noon: 221	240	216	207	235	1078	1078	1078	1078	1078	1123	10166.4	0	0.333	FC
1 PM: 220	240	216	207	236	1078	1078	1078	1078	1078	1124	10166.4	0	0.399	BS
2 PM: 221	240	216	208	236	1078	1078	1078	1078	1078	1125	10590	0	0.467	FC

AVG.: 221 239 216 207 236 1077 1075.8 1122.6 10608 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

LRB



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**EVENING
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Jun 12 1993

Well Field Operation (GPM)					Air Stripper Operation				
Well	Well	Well	Well	Well	Stripper Pressure	Air Flow	Effluent Flow	Op	Init
1	2	3	4	5	Flow	Flow	Flow		
3 PM: 221	239	216	207	236	1078	1075	1125	10590	0 0.534
4 PM: 221	240	216	208	238	1077	1074	1125	10590	0 0.065
5 PM: 220	240	216	208	236	1078	1076	1122	10166.4	0 0.131
6 PM: 223	240	217	208	237	1078	1074	1125	10166.4	0 0.201
7 PM: 221	240	217	208	238	1080	1076	1125	10166.4	0 0.267
8 PM: 220	238	216	208	237	1080	1077	1125	10166.4	0 0.332
9 PM: 220	238	216	208	237	1078	1074	1125	10166.4	0 0.401
10 PM: 220	238	216	208	237	1076	1076	1124	10166.4	0 0.466

AVG.: 221 239 216 208 237 1078 1075.3 1124.5 10272 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

LAB

Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report



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EVENING
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Jun 13 1993

Well Field Operation (GPM)						Air Stripper Operation					
Well	Well	Well	Well	Well	System	Stripper Pressure	Blower Air	Effluent Op			
1	2	3	4	5	Flow	Flow	Flow	Flow	Flow	Flow	Init
3 PM: 220	239	216	208	236	1078	1072	1124	9813.4	0	0.534	BS
4 PM: 221	239	215	208	236	1077	1074	1124	9389.8	0	0.065	PD
5 PM: 220	239	216	205	238	1077	1074	1124	9389.8	0	0.128	BS
6 PM: 220	240	216	208	236	1075	1072	1122	9389.8	0	0.194	0
7 PM: 222	240	216	207	236	1078	1076	1125	9813.4	0	0.262	BS
8 PM: 220	240	216	207	237	1079	1075	1125	9813.4	0	0.333	DH
9 PM: 220	240	216	205	237	1077	1075	1121	10166.4	0	0.396	BS
10 PM: 220	240	216	205	237	1079	1075	1125	10166.4	0	0.462	DH

AVG.: 220 240 216 207 237 1078 1074.1 1123.8 9742.8 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).

Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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Jun 13 1993

Well Field Operation (GPM)						Air Stripper Operation					
Well	Well	Well	Well	Well	System	Stripper Pressure	Blower	Air	Effluent	Op	
1	2	3	4	5	Flow	Flow	Filtr Flow	Air Flow	Pres	Flow	Init
7 AM: 220	240	216	208	237	1079	1076	1123	11296	0	0.526	BS
8 AM: 223	240	216	207	236	1080	1076	1125	11649	0	0.066	DH
9 AM: 222	240	216	208	236	1079	1075	1122	10943	0	0.133	BS
10 AM: 220	240	217	208	238	1077	1076	1125	9107.4	0	0.199	DH
11 AM: 221	240	216	208	236	1077	1075	1124	10943	0	0.267	BS
Noon: 221	239	217	208	237	1077	1074	1125	10943	0	0.331	DH
1 PM: 220	239	215	205	237	1077	1073	1125	10166.4	0	0.399	BS
2 PM: 220	240	216	208	236	1078	1074	1123	10166.4	0	0.468	DH

AVG.: 221 240 216 208 237 1078 1074.9 1124 10652 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

UNB



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Jun 13 1993

Well Field Operation (GPM)						Air Stripper Operation					
Well	Well	Well	Well	Well	System	Stripper	Pressure	Blower	Air	Effluent	Op
1	2	3	4	5	Flow	Flow	Filtr Flow	Air Flow	Pres	Flow	Init
11 PM: 220	239	216	206	235	1077	1075	1121	10590	0	0.542	DL
Midnite: 220	238	216	208	239	1078	1076	1125	10590	0	0.062	DH
1 AM: 220	240	217	208	236	1078	1075	1125	10590	0	0.128	DL
2 AM: 220	239	216	208	236	1078	1076	1125	10166.4	0	0.194	DH
3 AM: 220	238	216	208	236	1079	1077	1123	10590	0	0.261	DL
4 AM: 221	240	216	207	237	1079	1075	1125	10166.4	0	0.323	DH
5 AM: 220	239	216	207	236	1079	1077	1024	10166.4	0	0.395	DL
6 AM: 220	240	217	207	237	1080	1077	1125	10166.4	0	0.458	DH

AVG.: 220 239 216 207 237 1079 1076 1111.6 10378 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).

Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

UNION

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Jun 14 1993

Well Field Operation (GPM)						Air Stripper Operation					
Well	Well	Well	Well	Well	Well	Stripper Pressure	Blower	Air	Effluent	Op	
1	2	3	4	5	Flow	Flow	Filtr Flow	Air Flow	Pres	Flow	Init
3 PM: 219	240	216	205	236	1075	1073	1122	9813.4	0	0.531	BS
4 PM: 220	240	216	208	235	1076	1071	1124	9389.8	0	0.066	AC
5 PM: 221	240	216	208	238	1076	1072	1123	9389.8	0	0.132	BS
6 PM: 220	240	217	208	236	1077	1073	1123	9813.4	0	0.199	AC
7 PM: 220	240	216	203	236	1077	1075	1124	9813.4	0	0.266	BS
8 PM: 220	240	216	208	238	1078	1073	1120	9389.8	0	0.33	AC
9 PM: 220	240	216	203	236	1077	1074	1122	9813.4	0	0.397	BS
10 PM: 221	240	216	208	237	1081	1065	1109	10166.4	0	0.468	AC

AVG.: 220 240 216 206 237 1077 1072 1120.9 9698.7 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

UNIVERSITY



TOWN OF OYSTER BAY
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NIGHT
SHIFT

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Jun

Well Field Operation (GPM)							Air Stripper Operation				
Well	Well	Well	Well	Well	Well	System	Stripper Pressure	Blower	Air Effluent	Op	Init
1	2	3	4	5	Flow		Flow	Filtr Flow	Air Flow	Pres	Flow
11 PM: 220	234	216	205	236	1079		1074	1125	9813.4	0	0.533
Midnite: 220	240	216	206	236	1079		1075	1125	9813.4	0	0.065
1 AM: 221	240	217	207	236	1080		1076	1124	9813.4	0	0.129
2 AM: 222	240	216	207	236	1080		1076	1125	9813.4	0	0.194
3 AM: 221	240	216	206	238	1080		1076	1125	9813.4	0	0.263
4 AM: 220	240	216	207	236	1080		1075	1125	9813.4	0	0.324
5 AM: 221	240	216	208	238	1080		1076	1120	9813.4	0	0.398
6 AM: 220	240	216	207	236	1078		1074	1125	9813.4	0	0.465

AVG.: 221 239 216 207 237 1080 1075.3 1124.3 9813.4 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:





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Jun 14 1993

Well Field Operation (GPM)					Air Stripper Operation				
Well 1	Well 2	Well 3	Well 4	Well 5	Well System Flow	Stripper Pressure Flow	Blower Air Flow	Effluent Pres Flow	Op Init
7 AM: 220	240	216	208	236	1077	1075	1125	10590	0 0.533
8 AM: 220	240	216	206	236	1076	1075	1125	10590	0 0.066
9 AM: 220	239	216	208	236	1075	1071	1123	10590	0 0.132
10 AM: 220	240	216	208	238	1076	1075	1125	10590	0 0.198
11 AM: 220	240	215	203	236	1076	1072	1124	10590	0 0.264
Noon: 220	239	216	205	236	1076	1073	1124	10590	0 0.331
1 PM: 220	240	216	208	237	1076	1072	1122	10590	0 0.398
2 PM: 220	240	216	205	236	1075	1072	1123	9813.4	0 0.466

AVG.: 220 240 216 206 236 1076 1073.1 1123.9 10493 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:



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	Well Field Operation (GPM)					Air Stripper Operation						
	Well 1	Well 2	Well 3	Well 4	Well 5	Flow	Stripper Flow	Pressure Flow	Blower Flow	Air Pres	Effluent Flow	Op Init
3 PM:	220	240	216	205	236	1075	1073	1122	9389.8	0	0.533	BS
4 PM:	220	240	216	205	235	1075	1073	1122	9813.4	0	0.065	AC
5 PM:	221	240	216	205	236	1076	1075	1119	9813.4	0	0.132	BS
6 PM:	219	239	215	207	236	1077	1072	1124	9813.4	0	0.198	AC
7 PM:	220	240	217	204	237	1077	1073	1123	9389.8	0	0.263	BS
8 PM:	220	240	217	208	236	1078	1073	1123	9389.8	0	0.328	AC
9 PM:	221	240	216	208	238	1078	1073	1124	9813.4	0	0.397	BS
10 PM:	221	241	216	208	236	1079	1073	1124	9813.4	0	0.466	AC

220	240	216	206	236	1077	1073.1	1122.6	9654.6	0
AVG.:									

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons). Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:



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Jun 15 1993

Well Field Operation (GPM)					Air Stripper Operation				
Well 1	Well 2	Well 3	Well 4	Well 5	System Flow	Stripper Pressure Flow	Blower Air Flow	Effluent Pres Flow	Op Init
7 AM: 220	240	216	203	236	1077	1076	1123	9813.4	0 0.517
8 AM: 220	240	216	206	236	1077	1075	1122	10943	0 0.066
9 AM: 221	240	216	205	236	1074	1074	1123	10943	0 0.134
10 AM: 220	240	216	206	236	1076	1073	1123	10590	0 0.2
11 AM: 220	240	216	204	236	1076	1075	1121	10590	0 0.266
Noon: 220	240	216	208	237	1076	1074	1123	10166.4	0 0.333
1 PM: 220	239	215	204	236	1076	1074	1121	10166.4	0 0.405
2 PM: 220	240	216	206	236	1075	1073	1123	10166.4	0 0.467
AVG.: 220 240 216 205 236					1076	1074.3	1122.4	10422	0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

1000



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NIGHT
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Jun 15 1993

Well Field Operation (GPM)						Air Stripper Operation					
Well 1	Well 2	Well 3	Well 4	Well 5	System Flow	Stripper Flow	Pressure Flow	Blower Flow	Air Flow	Effluent Flow	Op Init
11 PM: 221	240	216	207	237	1081	1065	1107	10590	0	0.528	DL
Midnite: 220	240	216	208	238	1081	1060	1113	10590	0	0.065	PD
1 AM: 220	240	216	206	236	1080	1072	1114	10590	0	0.135	DL
2 AM: 220	243	217	207	237	1080	1074	1116	10590	0	0.196	PD
3 AM: 222	242	218	208	239	1081	1075	1119	10166.4	0	0.257	DL
4 AM: 220	240	216	208	237	1078	1076	1117	9813.4	0	0.317	PD
5 AM: 221	240	216	206	236	1078	1075	1120	9813.4	0	0.385	DL
6 AM: 222	240	217	207	238	1078	1076	1119	9813.4	0	0.447	PD

AVG.: 221 241 217 207 237 1080 1071.6 1115.6 10246 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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Well Field Operation (GPM)						Air Stripper Operation					
Well	Well	Well	Well	Well	Well	Strripper Pressure	Blower	Air	Effluent	Op	
1	2	3	4	5	Flow	Flow	Filtr Flow	Air Flow	Pres	Flow	Init
11 PM: 220	240	216	206	237	1076	1072	1123	10590	0	0.529	DL
Midnite 222	241	216	205	237	1079	1075	1123	10590	0	0.066	PD
1 AM: 221	240	216	206	236	1080	1074	1123	10590	0	0.135	DL
2 AM: 220	240	215	204	236	1081	1073	1122	10590	0	0.2	PD
3 AM: 221	240	216	206	237	1080	1074	1121	10590	0	0.272	DL
4 AM: 221	241	216	204	236	1080	1075	1119	10590	0	0.338	PD
5 AM: 220	241	216	207	236	1081	1073	1120	10166.4	0	0.402	DL
6 AM: 220	240	216	208	236	1081	1075	1122	10166.4	0	0.468	PD

AVG.: 221 240 216 206 236 1080 1073.9 1121.6 10484 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:



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Jun 16 1993

Well Field Operation (GPM)						Air Stripper Operation					
Well	Well	Well	Well	Well	System	Stripper Pressure	Blower	Air	Effluent	Op	
1	2	3	4	5	Flow	Flow	Filtr Flow	Air Flow	Pres	Flow	Init
7 AM: 220	240	216	204	236	1080	1075	1125	11649	0	0.537	MA
8 AM: 220	240	216	206	236	1080	1075	1120	11649	0	0.067	DH
9 AM: 220	240	216	206	236	1077	1073	1124	10166.4	0	0.134	MA
10 AM: 221	240	216	205	237	1079	1073	1122	10166.4	0	0.2	DH
11 AM: 220	241	216	206	236	1080	1073	1120	10166.4	0	0.267	MA
Noon: 220	240	216	205	237	1080	1073	1122	10166.4	0	0.333	DH
1 PM: 221	241	216	205	235	1079	1074	1120	10166.4	0	0.4	MA
2 PM: 221	240	216	208	235	1079	1074	1118	9813.4	0	0.468	DH

AVG.: 220 240 216 206 236 1079 1073.8 1121.4 10493 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:





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Jun 16 1993

Well Field Operation (GPM)						Air Stripper Operation					
Well 1	Well 2	Well 3	Well 4	Well 5	System Flow	Stripper Flow	Pressure Flow	Blower Flow	Air Flow	Effluent Flow	Op Init
3 PM: 220	240	216	206	236	1080	1075	1123	10166.4	0	0.532	BS
4 PM: 220	240	216	205	236	1079	1074	1119	10166.4	0	0.07	FC
5 PM: 220	242	216	206	236	1080	1074	1122	10166.4	0	0.134	BS
6 PM: 221	241	216	206	236	1081	1075	1124	9389.8	0	0.203	FC
7 PM: 221	242	216	209	236	1080	1075	1124	9389.4	0	0.269	BS
8 PM: 220	240	216	206	235	1080	1075	1123	9813.4	0	0.335	FC
9 PM: 221	240	216	206	236	1080	1074	1124	10166.4	0	0.402	BS
10 PM: 220	240	217	204	236	1080	1074	1117	10590	0	0.468	FC

AVG.: 220 241 216 206 236 1080 1074.5 1122 9981 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

U&B

Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

NIGHT
SHIFT

Jun 17 1993

Well Field Operation (GPM)						Air Stripper Operation					
Well	Well	Well	Well	Well	System	Stripper Pressure	Blower	Air	Effluent	Op	
1	2	3	4	5	Flow	Flow	Filtr Flow	Air Flow	Pres	Flow	Init
11 PM:	219	241	216	204	236	1082	1075	1125	10166.4	0	0.532
Midnite	220	240	216	205	236	1079	1075	1124	10166.4	0	0.067
1 AM:	220	242	216	206	236	1079	1074	1123	10166.4	0	0.138
2 AM:	220	241	216	206	236	1080	1075	1123	10166.4	0	0.2
3 AM:	220	240	216	206	237	1080	1073	1123	10166.4	0	0.268
4 AM:	220	242	216	208	236	1080	1074	1124	10166.4	0	0.34
5 AM:	220	240	216	208	236	1080	1075	1123	10166.4	0	0.4
6 AM:	220	240	216	206	236	1081	1073	1123	10166.4	0	0.468
AVG.:	220	241	216	206	236	1080	1074.3	1123.5	10166	0	

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

LUB



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

DAY
SHIFT

Jun 17 1993

Well Field Operation (GPM)						Air Stripper Operation					
Well	Well	Well	Well	Well	Well	System	Stripper Pressure	Blower	Air Effluent	Op	Init
1	2	3	4	5	Flow	Flow	Flow	Flow	Flow	Flow	Flow
7 AM: 220	241	216	206	236	1080	1073	1123	10590	0	0.535	MA
8 AM: 220	241	215	205	236	1079	1072	1123	10590	0	0.065	DC
9 AM: 220	240	217	205	235	1080	1073	1122	10590	0	0.152	MA
10 AM: 220	240	216	205	236	1080	1074	1122	10590	0	0.198	DC
11 AM: 220	241	217	205	236	1080	1073	1123	10590	0	0.267	MA
Noon: 219	240	216	205	236	1079	1073	1123	11296	0	0.334	DC
1 PM: 220	241	216	206	236	1078	1074	1124	10590	0	0.399	MA
2 PM: 219	241	216	205	236	1078	1072	1123	10590	0	0.467	DC
AVG.: 220	241	216	205	236	1079	1073	1122.9	10678	0		

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:





TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

EVENING
SHIFT

Jun 17 1993

Well Field Operation (GPM)						Air Stripper Operation					
Well	Well	Well	Well	Well	System	Stripper Pressure	Air Flow	Effluent Flow	Op	Init	
1	2	3	4	5	Flow	Flow	Filtr Flow	Air Flow	Pres	Flow	
3 PM: 220	242	216	205	236	1078	1072	1121	10166.4	0	0.533	BS
4 PM: 220	240	216	205	236	1078	1073	1122	10166.4	0	0.068	PD
5 PM: 220	240	216	206	236	1078	1073	1119	10166.4	0	0.135	BS
6 PM: 220	241	215	206	236	1079	1072	1121	10166.4	0	0.205	PD
7 PM: 220	240	216	205	236	1080	1075	1123	10166.4	0	0.266	BS
8 PM: 220	240	216	206	236	1078	1075	1124	9813.4	0	0.321	PD
9 PM: 220	240	216	205	235	1078	1072	1122	9813.4	0	0.4	BS
10 PM: 220	240	216	206	237	1078	1075	1122	9813.4	0	0.467	PD

AVG.: 220 240 216 206 236 1078 1073.4 1121.8 10034 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report

Daily Operations Report



TOWN OF OYSTER BAY
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GROUNDWATER TREATMENT FACILITY
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DAY
SHIFT

1993

Jun

18

Well Field Operation (GPM)										Air Stripper Operation			
Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Strripper Pressure Flow	Air Flow	Effluent Pres	Op Init
1	2	3	4	5	6	7	8	9	10				
220	241	215	205	236	1079					1075	1123	11296	0 0.536 KN
220	241	214	204	234	1076					1071	1123	10590	0 0.065 MA
220	241	214	204	234	1076					1071	1123	11649	0 0.13 KN
218	242	216	206	236	1078					1073	1122	11296	0 0.195 MA
220	242	215	206	235	1078					1071	1123	11296	0 0.265 KN
219	241	215	205	236	1078					1072	1121	11296	0 0.342 MA
220	240	216	205	235	1078					1071	1120	11296	0 0.411 KN
219	240	216	206	236	1077					1072	1118	11296	0 0.47 MA

AVG.:	220	241	215	205	235	1078	1072	1121.6	11252	0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

URGENT



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
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NIGHT
SHIFT

Jun 18 1993

Well Field Operation (GPM)										Air Stripper Operation				
Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Stripper Pressure	Blower Air	Effluent	Op	
1	2	3	4	5	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Init	
11 PM:	220	240	216	206	236	1080				1075	1124	10166.4	0	0.532
Midnite	220	241	218	206	236	1080				1074	1123	10166.4	0	0.068
1 AM:	220	240	216	206	236	1080				1073	1123	10166.4	0	0.135
2 AM:	220	241	216	204	236	1081				1073	1123	10166.4	0	0.201
3 AM:	220	241	216	205	236	1081				1075	1122	10166.4	0	0.268
4 AM:	220	240	216	206	238	1079				1075	1123	10166.4	0	0.335
5 AM:	220	241	216	205	236	1080				1074	1124	10166.4	0	0.405
6 AM:	220	242	216	205	237	1080				1073	1122	10166.4	0	0.469
AVG.:	220	241	216	205	236	1080				1074	1123	10166	0	

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report



TOWN OF OYSTER BAY
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GROUNDWATER TREATMENT FACILITY
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EVENING
SHIFT

Jun 18 1993

Well Field Operation (GPM)					Air Stripper Operation				
Well	Well	Well	Well	Well	Stripper Pressure	Blower	Air Effluent	Op	
1	2	3	4	5	Flow	Filtr Flow	Air Flow	Pres	Init
3 PM: 220	241	216	206	237	1078	1070	1119	6918.8	0 0.533
4 PM: 220	240	216	204	236	1078	1072	1123	8472	0 0.068
5 PM: 220	242	216	206	236	1078	1073	1123	8472	0 0.133
6 PM: 220	240	215	206	236	1079	1073	1122	9107.4	0 0.2
7 PM: 220	241	216	206	237	1080	1074	1124	7977.8	0 0.266
8 PM: 220	240	216	204	236	1080	1073	1123	9107.4	0 0.333
9 PM: 220	241	216	205	236	1078	1072	1123	9107.4	0 0.402
10 PM: 219	241	216	207	236	1079	1073	1125	9107.4	0 0.467
									BS
									DH
									BS
									DH
									BS
									DH
									BS
									DH

AVG.: 220 241 216 206 236 1079 1072.5 1122.8 8533.8 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:





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DEPARTMENT OF PUBLIC WORKS
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NIGHT
SHIFT

Jun 19 1993

Well Field Operation (GPM)						Air Stripper Operation					
Well	Well	Well	Well	Well	System	Stripper Pressure	Blower	Air	Effluent	Op	Init
1	2	3	4	5	Flow	Flow	Filtr Flow	Air Flow	Pres	Flow	
11 PM: 221	241	216	206	236	1080	1075	1123	9813.4	0	0.533	BS
Midnite 220	241	215	206	236	1078	1073	1123	9813.4	0	0.068	DH
1 AM: 220	242	216	205	236	1079	1074	1120	9813.4	0	0.134	BS
2 AM: 220	241	215	204	236	1078	1072	1120	9813.4	0	0.202	DH
3 AM: 220	240	215	205	236	1078	1073	1124	9813.4	0	0.266	BS
4 AM: 218	242	216	205	236	1079	1073	1123	9813.4	0	0.33	DH
5 AM: 220	242	216	205	235	1079	1074	1124	9813.4	0	0.393	BS
6 AM: 220	242	216	204	235	1079	1073	1123	9813.4	0	0.474	DH
AVG.: 220 241 216 205 236 1079						1073.4	1122.5	9813.4	0		

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:





TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
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DAY
SHIFT

Jun 19 1993

Well Field Operation (GPM)										Air Stripper Operation			
Well	Well	Well	Well	Well	Well	System	Stripper Pressure	Blower	Air Effluent Op	Flow	Filtr Flow	Air Flow	Pres Flow
1	2	3	4	5	Flow		Flow	Flow	Init				
7 AM: 220	241	216	205	236	1078		1073	1124	10166.4	0	0.533	KN	
8 AM: 220	241	215	205	236	1078		1072	1116	10166.4	0	0.069	FC	
9 AM: 219	240	215	204	236	1076		1071	1119	10166.4	0	0.133	MA	
10 AM: 220	242	216	206	237	1098		1072	1121	10590	0	0.198	KN	
11 AM: 219	240	215	205	237	1098		1072	1123	10943	0	0.265	FC	
Noon: 221	240	214	204	236	1097		1093	1123	10590	0	0.333	MA	
1 PM: 220	240	216	204	236	1098		1092	1123	10590	0	0.401	KN	
2 PM: 220	240	214	205	236	1077		1071	1122	10943	0	0.465	FC	
AVG.: 220	241	215	205	236	1088		1077	1121.4	10519	0			

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:





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**EVENING
SHIFT**

Jun 19 1993

Well Field Operation (GPM)										Air Stripper Operation				
Well 1	Well 2	Well 3	Well 4	Well 5	Well System	Flow	Flow	Strripper Pressure	Flow	Air Flow	Pres	Air Flow	Effluent Flow	Op Init
3 PM: 220	240	215	205	235	1077	1077	1072	1122	10943	0	0.532	KN		
4 PM: 219	241	216	205	234	1077	1077	1071	1117	10943	0	0.067	FC		
5 PM: 219	240	215	204	236	1077	1077	1070	1122	10590	0	0.133	KN		
6 PM: 219	240	215	207	236	1077	1077	1071	1122	10166.4	0	0.2	FC		
7 PM: 219	240	216	204	236	1079	1079	1072	1122	10166.4	0	0.268	KN		
8 PM: 220	242	216	204	237	1079	1079	1073	1118	10590	0	0.334	FC		
9 PM: 220	243	216	206	237	1079	1079	1073	1122	10590	0	0.399	KN		
10 PM: 219	240	216	206	236	1079	1079	1071	1123	10166.4	0	0.467	FC		

AVG.: 219 241 216 205 236 1078 1071.6 1121 10519 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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Daily Operations Report



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DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

EVENING
SHIFT

Jun 20 1993

Well Field Operation (GPM)										Air Stripper Operation			
Well	Well	Well	Well	Well	Well	System	Stripper Pressure	Blower	Air Effluent Op	Flow	Filtr Flow	Air Flow	Pres Flow
1	2	3	4	5	Flow		Flow	Flow	Flow	Flow	Flow	Flow	Flow
3 PM: 221	242	216	206	236	1081		1074	1125	10166.4	0	0.537	PD	KN
4 PM: 220	240	216	206	236	1080		1074	1120	10590	0	0.067	KN	KN
5 PM: 219	240	216	205	236	1081		1075	1125	10943	0	0.13	PD	PD
6 PM: 220	241	216	205	236	1082		1075	1126	10166.4	0	0.197	KN	KN
7 PM: 220	241	216	204	234	1079		1073	1125	10166.4	0	0.268	PD	PD
8 PM: 219	241	215	207	236	1078		1073	1125	10166.4	0	0.33	KN	KN
9 PM: 220	240	216	206	236	1078		1072	1124	11296	0	0.395	PD	PD
10 PM: 220	241	216	206	236	1078		1072	1124	10943	0	0.465	KN	KN
AVG.:										1073.5	1124.3	10555	0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:





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NIGHT
SHIFT

Jun 20 1993

Well Field Operation (GPM)						Air Stripper Operation			
Well	Well	Well	Well	Well	System	Stripper Pressure	Blower Air Flow	Effluent Flow	Op
1	2	3	4	5	Flow	Flow	Flow	Flow	Init
11 PM: 220	241	216	205	236	1079	1071	9107.4	0	0.532
Midnite: 221	242	214	204	236	1080	1073	9107.4	0	0.068
1 AM: 219	240	216	205	236	1080	1072	9107.4	0	0.134
2 AM: 220	242	216	204	236	1081	1073	9107.4	0	0.202
3 AM: 220	242	216	205	236	1079	1072	9107.4	0	0.268
4 AM: 219	240	216	204	236	1079	1073	9107.4	0	0.336
5 AM: 220	242	216	207	236	1080	1074	9107.4	0	0.403
6 AM: 220	243	216	206	236	1081	1073	9107.4	0	0.462

AVG.: 220 242 216 205 236 1080 1072.6 1122.3 9107.4 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
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DAY
SHIFT

Jun 20 1993

Well Field Operation (GPM)						Air Stripper Operation					
Well	Well	Well	Well	Well	Well	Strripper Pressure	Blower	Air	Effluent	Op	
1	2	3	4	5	Flow	Flow	Filtr Flow	Air Flow	Pres	Flow	Init
7 AM: 220	241	216	205	236	1081	1072	1119	9389.8	0	0.535	KN
8 AM: 220	244	216	205	235	1081	1072	1124	9813.4	0	0.067	FC
9 AM: 221	241	215	206	236	1081	1073	1122	9813.4	0	0.134	KN
10 AM: 220	241	216	206	236	1079	1079	1123	10166.4	0	0.199	FC
11 AM: 219	242	216	206	236	1081	1073	1123	10166.4	0	0.265	KN
Noon: 220	240	215	205	235	1080	1074	1125	9813.4	0	0.335	FC
1 PM: 221	241	215	206	236	1081	1073	1121	9813.4	0	0.4	KN
2 PM: 220	243	216	205	236	1080	1074	1124	9813.4	0	0.468	FC
AVG.: 220	242	216	206	236	1081	1073.8	1122.6	9848.7	0		

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

URB



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

NIGHT
SHIFT

Jun 21 1993

Well Field Operation (GPM)										Air Stripper Operation							
Well 1		Well 2		Well 3		Well 4		Well 5		Flow		Stripper Pressure		Blower		Air Effluent Op	
												Flow	Filtr Flow	Air Flow	Pres	Flow	Init
11 PM:	220	241	217	204	236	1080						1072	1125	10590	0	0.531	DL
Midnite	0	0	0	0	0	0						0	0	0	0	0	PD
1 AM:	0	0	0	0	0	0						0	0	0	0	0	DL
2 AM:	0	0	0	0	0	0						0	0	0	0	0	PD
3 AM:	0	279	0	231	260	731						588	688	10590	0	0.085	DL
4 AM:	0	280	0	232	260	732						566	697	10590	0	0.129	PD
5 AM:	0	282	0	234	260	739						579	1130	10590	0	0.165	DL
6 AM:	0	280	0	233	260	735						600	687	10590	0	0.222	DH

AVG.: 27.5 170 27.1 142 160 502.1 425.63 540.88 6618.8 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:





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DAY
SHIFT

Jun 21 1993

Well Field Operation (GPM)										Air Stripper Operation			
Well	Well	Well	Well	Well	Well	System	Stripper Pressure	Blower	Air Effluent	Flow	Pres	Flow	Op
1	2	3	4	5	Flow		Flow	Filtr Flow	Air Flow				Init
7 AM:	0	262	0	201	263	712		576	695	11649	0	0.267	DH
8 AM:	0	280	0	234	262	740		570	693	12284.4	0	0.044	MA
9 AM:	216	240	213	204	236	1066		1004	1119	12204.4	0	0.108	DH
10 AM:	220	240	216	205	237	1081		1029	695	10166.4	0	0.169	MA
11 AM:	220	240	216	205	236	1082		1041	1115	8472	0	0.234	DH
Noon:	218	242	216	204	236	1083		1369	1130	9107.4	0	0.365	MA
1 PM:	220	241	216	208	237	1085		1025	720	9813.4	0	0.431	DH
2 PM:	219	240	216	205	235	1081		1042	1123	7977.8	0	0.497	MA
AVG.:	164	248	162	208	243	991.3		957	911.25	10209	0		

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

WELLS #1&3 DOWN FROM 23:20 6/20/93. WELLS ON LINE AT 08:30.



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DEPARTMENT OF PUBLIC WORKS
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**EVENING
SHIFT**

Jun 21 1993

Well Field Operation (GPM)

	Well Field Operation (GPM)					Air Stripper Operation					Op Init
	Well 1	Well 2	Well 3	Well 4	Well 5	System Flow	Stripper Flow	Pressure Flow	Blower Flow	Air Effluent Flow	
3 PM:	219	241	216	205	235	1080	1052	1117	9107.4	0	0.563
4 PM:	220	242	216	207	238	1087	1017	1110	9389.8	0	0.07
5 PM:	220	242	216	205	236	1083	1040	1124	9813.4	0	0.136
6 PM:	219	242	217	207	236	1082	1044	1122	9813.4	0	0.2
7 PM:	219	240	216	206	236	1082	1055	1116	9813.4	0	0.265
8 PM:	222	240	216	207	236	1090	1014	1114	9389.8	0	0.333
9 PM:	221	241	217	208	237	1086	1036	1122	9813.4	0	0.399
10 PM:	220	240	216	205	236	1083	1050	1118	9813.4	0	0.467

3 PM:

4 PM:

5 PM:

6 PM:

7 PM:

8 PM:

9 PM:

10 PM:

AVG.:

220 241 216 206 236 1084

1038.5 1117.9 9619.3 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

20:10 SHUT DOWN PLANT DUE TO LIGHTNING STORM.



Daily Operations Report



TOWN OF OYSTER BAY DEPARTMENT OF PUBLIC WORKS GROUNDWATER TREATMENT FACILITY DAILY OPERATIONS REPORT

NIGHT
SHIFT

Jun 22 1993

Well Field Operation (GPM)					Air Stripper Operation				
Well	Well	Well	Well	System	Stripper	Pressure	Blower	Air	Effluent
1	2	3	4	5	Flow	Filtr	Flow	Air	Flow
11 PM:	0	0	0	0	0	0	0	0	0.473
Midnite	0	0	0	0	0	0	0	0	0
1 AM:	0	280	0	232	236	710	1	9107.4	0
2 AM:	0	278	0	231	259	733	561	691	9107.4
3 AM:	0	279	0	233	260	736	558	1115	10166.4
4 AM:	0	270	0	233	258	738	1011	1135	10166.4
5 AM:	0	280	0	232	260	737	565	1	10166.4
6 AM:	0	280	0	235	742	742	1047	1127	10166.4
AVG.:	0	208	0	175	252	549.5	467.88	508.75	7360.1
	0		0						

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

WELLS 1&3 DID NOT COME BACK ON AT 01:00





TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

DAY
SHIFT

Jun 22 1993

Well Field Operation (GPM)						Air Stripper Operation						
Well 1	Well 2	Well 3	Well 4	Well 5	Well System Flow	Stripper Flow	Pressure Flow	Blower Air Flow	Effluent Flow	Op Init		
7 AM:	0	282	0	236	258	744	578	1121	10590	0	0.255	MA
8 AM:	0	282	0	236	264	745	560	1116	12002	0	0.045	DH
9 AM:	0	282	0	235	264	747	555	1116	9389.8	0	0.09	MA
10 AM:	215	236	211	201	233	1059	1036	1128	8472	0	0.145	DH
11 AM:	216	236	212	204	234	1070	1043	1117	8472	0	0.208	MA
Noon:	216	236	213	203	234	1070	1051	1113	8472	0	0.274	DH
1 PM:	220	240	216	207	235	1078	1004	1338	9107.4	0	0.346	MA
2 PM:	217	240	213	204	236	1074	1023	694	9107.4	0	0.41	DH

AVG.:	136	254	133	216	245	948.4	856.25	1092.9	9451.6	0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).

Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

WELLS 1&3 DOWN FROM 01:00 6/22/93. WELLS 1&3 BACK ON LINE AT 09:20.

LIBRARY

Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

EVENING
SHIFT

Jun 22 1993

Well Field Operation (GPM) Air Stripper Operation

	Well 1	Well 2	Well 3	Well 4	Well 5	Well System	Stripper Pressure	Blower	Air Flow	Effluent Flow	Op Init
	216	238	213	205	233	1071	1041	1118	9813.4	0	0.477
3 PM:											BS
4 PM:	217	237	213	205	233	1070	1047	1110	10166.4	0	0.064
5 PM:	217	238	213	204	233	1069	1053	1110	10166.4	0	0.131
6 PM:	216	238	213	203	234	1069	1046	1115	9813.4	0	0.198
7 PM:	216	236	212	203	234	1070	1052	1111	9813.4	0	0.264
8 PM:	217	232	216	204	235	1073	1053	1112	9813.4	0	0.329
9 PM:	217	238	212	204	233	1069	1059	1113	10166.4	0	0.398
10 PM:	218	239	212	204	233	1070	1046	1112	10166.4	0	0.462
AVG.:	217	237	213	204	234	1070	1049.6	1112.6	9989.9	0	

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:



Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

NIGHT
SHIFT

Jun 23 1993

Well Field Operation (GPM)						Air Stripper Operation					
Well	Well	Well	Well	Well	System	Stripper Pressure	Blower	Air	Effluent	Op	
1	2	3	4	5	Flow	Flow	Filtr Flow	Air Flow	Pres	Flow	Init
11 PM:	216	238	214	204	234	1070	1053	1110	10166.4	0	0.529
Midnite	220	241	216	204	236	1081	1005	1358	10166.4	0	0.065
1 AM:	220	239	216	204	236	1077	1027	696	10166.4	0	0.132
2 AM:	218	240	213	203	236	1073	1046	1110	10166.4	0	0.197
3 AM:	217	239	216	204	236	1075	1045	1110	10166.4	0	0.269
4 AM:	220	241	216	205	236	1076	1027	1110	10166.4	0	0.336
5 AM:	220	240	216	206	236	1080	1015	1111	10166.4	0	0.403
6 AM:	220	238	216	204	236	1076	1033	1131	10590	0	0.465

AVG.: 219 240 215 204 236 1076 1031.4 1092 10219 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:





TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

DAY
SHIFT

Jun 23 1993

Well Field Operation (GPM)										Air Stripper Operation			
Well 1	Well 2	Well 3	Well 4	Well 5	System Flow	Stripper Flow	Pressure Flow	Air Flow	Effluent Flow	Op Init			
7 AM: 217	234	214	203	235	1072	1043	1119	12002	0	0.532	MA		
8 AM: 216	238	213	204	234	1070	1049	1111	10943	0	0.069	DH		
9 AM: 219	239	214	204	236	1073	1390	1114	10166.4	0	0.132	MA		
10 AM: 219	240	216	204	237	1079	1021	684	10590	0	0.204	DH		
11 AM: 219	238	212	203	235	1075	1038	1120	10590	0	0.265	MA		
Noon: 217	240	217	203	232	1074	1047	1111	10943	0	0.332	DH		
1 PM: 217	237	212	204	235	1072	1052	1109	11296	0	0.396	MA		
2 PM: 220	241	215	205	235	1081	1011	1308	10943	0	0.47	DH		

AVG.: 218 238 214 204 235 1075 1081.4 1084.5 10934 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

LRB

Daily Operations Report



EVENING SHIFT

Jun	23	1993

Air Stripper Operation

	Well Field Operation (GPM)						Air Stripper Operation						
	Well 1	Well 2	Well 3	Well 4	Well 5	Flow	Stripper Flow	Pressure	Blower Flow	Air Pres	Effluent Flow	Op Init	
3 PM:	218	239	216	205	236	1078	1027	1129	10590	0	0.528	BS	
4 PM:	217	237	212	204	235	1076	1036	1117	10590	0	0.068	AC	
5 PM:	218	240	215	203	236	1075	1047	1112	10590	0	0.135	BS	
6 PM:	216	240	212	204	235	1073	1054	1110	10590	0	0.202	AC	
7 PM:	218	240	216	204	237	1082	1017	1125	10166.4	0	0.268	BS	
8 PM:	219	240	216	205	236	1078	1023	1132	10166.4	0	0.335	AC	
9 PM:	217	240	213	204	236	1075	1038	1116	9813.4	0	0.4	BS	
10 PM:	218	240	214	204	235	1074	1047	1108	10166.4	0	0.466	AC	

AVG.:

218	240	214	204	236	1076

1036.1	1118.6	10334	0

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Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons). Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:



Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

**NIGHT
SHIFT**

1993

Jun

24

Well Field Operation (GPM)										Air Stripper Operation				
Well	Well	Well	Well	Well	Well	System	Stripper Pressure	Blower	Air	Effluent	Op			
1	2	3	4	5	Flow		Flow	Filtr Flow	Air Flow	Pres	Flow	Init		
11 PM:	220	240	205	204	236	1068	1062	1108	10590	0	0.529	DL		
Midnite	218	240	214	204	236	1074	1061	1109	10166.4	0	0.065	AC		
1 AM:	217	240	213	204	236	1074	1063	1110	10166.4	0	0.131	DL		
2 AM:	216	238	214	204	235	1073	1065	1110	9813.4	0	0.196	AC		
3 AM:	218	240	215	204	235	1074	1063	1111	9813.4	0	0.26	DL		
4 AM:	218	240	213	203	233	1073	1065	1111	9813.4	0	0.328	AC		
5 AM:	218	240	214	204	233	1074	1065	1109	9813.4	0	0.396	DL		
6 AM:	218	239	214	204	235	1073	1065	1113	9813.4	0	0.452	AC		

AVG.:	218	240	213	204	235	1073	1063.6	1110.1	9998.7	0	

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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Daily Operations Report

Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

DAY
SHIFT

1993

Jun

24

Well Field Operation (GPM)							Air Stripper Operation				
Well	Well	Well	Well	Well	Well	System	Stripper Pressure	Blower	Air	Effluent	Op
1	2	3	4	5	Flow		Flow	Filtr Flow	Air Flow	Pres	Flow
7 AM:	217	236	214	204	235	1072	1065	1108	12284.4	0	0.526
8 AM:	219	239	212	202	236	1072	1036	1113	12284.4	0	0.063
9 AM:	218	236	213	204	235	1072	1606	1114	10166.4	0	0.132
10 AM:	218	238	214	203	236	1072	1064	1113	9813.4	0	0.195
11 AM:	218	240	214	204	232	1072	1065	1110	9813.4	0	0.263
Noon:	217	240	213	203	232	1071	1065	1109	9813.4	0	0.331
1 PM:	217	239	214	203	232	1072	1064	1114	9813.4	0	0.399
2 PM:	218	240	216	204	214	1060	1060	1085	9813.4	0	0.47
MA											
DC											
MA											
DC											
MA											
DC											
MA											
DC											

AVG.:	218	239	214	203	232	1070	1128.1	1108.3	10475	0	

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:



Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

EVENING
SHIFT

Jun 24 1993

Well Field Operation (GPM)						Air Stripper Operation					
Well	Well	Well	Well	Well	System	Stripper Pressure	Blower	Air	Effluent	Op	
1	2	3	4	5	Flow	Flow	Filtr Flow	Air Flow	Pres	Flow	Init
3 PM: 220	243	217	200	200	1052	1057	1080	9813.4	0	0.531	MR
4 PM: 220	243	216	204	210	1057	1056	1091	10166.4	0	0.063	AC
5 PM: 220	240	216	204	215	1063	1055	1090	10166.4	0	0.126	MR
6 PM: 221	244	217	208	200	1059	1052	1095	10166.4	0	0.188	AC
7 PM: 222	243	216	206	211	1060	1052	1097	10590	0	0.248	MR
8 PM: 220	243	218	208	200	1054	1051	1098	10166.4	0	0.314	AC
9 PM: 220	243	217	205	204	1060	1051	1098	9813.4	0	0.38	MR
10 PM: 221	244	218	208	199	1047	1050	1098	10166.4	0	0.446	AC

AVG.: 221 243 217 205 205 1057 1053 1093.4 10131 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:





TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

NIGHT
SHIFT

Jun 25 1993

Well Field Operation (GPM)										Air Stripper Operation				
Well	Well	Well	Well	Well	Well	System	Stripper Pressure	Blower	Air Effluent	Op	Flow	Pres	Flow	Init
1	2	3	4	5	Flow		Flow	Filtr Flow	Air Flow					
11 PM:	222	243	217	208	202	1062	1052	1099	10166.4	0	0.512			KN
Midnite	220	241	217	206	208	1054	1051	1099	10166.4	0	0.064			FC
1 AM:	220	241	217	208	204	1049	1049	1097	9813.4	0	0.128			KN
2 AM:	222	243	218	204	202	1062	1049	1098	10166.4	0	0.195			FC
3 AM:	219	242	216	205	212	1060	1049	1095	10590	0	0.262			KN
4 AM:	220	241	216	208	203	1062	1049	1097	10590	0	0.325			FC
5 AM:	220	240	216	208	202	1042	1048	1097	10590	0	0.392			KN
6 AM:	221	242	216	206	213	1058	1048	1096	10590	0	0.455			FC

AVG.: 221 242 217 207 206 1056 1049.4 1097.3 10334 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

DAY
SHIFT

Jun 25 1993

Well Field Operation (GPM)										Air Stripper Operation				
Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Stripper Pressure	Blower Air Flow	Effluent Flow	Op Init	
1	2	3	4	5	6	7	8	9	10	Flow	Filtr Flow	Pres	Flow	
7 AM: 221	244	216	206	209	1060					1045	1097	12637.4	0	0.52 FC
8 AM: 221	242	216	208	197	1060					1048	1097	12284.4	0	0.063 MA
9 AM: 220	242	217	205	212	1061					1047	1097	11649	0	0.131 FC
10 AM: 222	244	218	202	200	1060					1047	1094	11649	0	0.195 MA
11 AM: 221	243	216	208	196	1051					1049	1095	10590	0	0.26 FC
Noon: 221	243	216	207	208	1060					1049	1094	10590	0	0.326 MA
1 PM: 220	242	216	207	208	1060					1049	1097	10166.4	0	0.389 FC
2 PM: 220	242	217	208	197	1046					1049	1097	10166.4	0	0.453 MA
AVG.: 221	243	217	206	203	1057					1047.9	1096	11217	0	

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

11/11/93

Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report

Daily Operations Report



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

**EVENING
SHIFT**

Jun 25 1993

Well Field Operation (GPM)										Air Stripper Operation					
Well	Well	Well	Well	Well	Well	System	Stripper Pressure	Blower	Air Effluent Op	Flow	Filtr Flow	Air Flow	Pres	Flow	Init
1	2	3	4	5	Flow										
220	242	216	206	215	1059		1050	1097	10166.4	0	0.519	BS			
219	241	216	206	211	1056		1047	1095	10166.4	0	0.064	AC			
220	244	217	208	200	1054		1051	1094	9813.4	0	0.131	BS			
222	241	216	206	216	1061		1049	1098	10166.4	0	0.196	AC			
220	242	217	208	203	1050		1050	1098	9813.4	0	0.262	BS			
223	243	218	208	202	1059		1050	1098	10166.4	0	0.327	AC			
220	241	216	207	213	1058		1049	1093	10166.4	0	0.392	BS			
221	244	218	205	203	1052		1048	1097	10166.4	0	0.456	AC			

3 PM:	220	242	216	206	215	1059		1050	1097	10166.4	0	0.519	BS		
4 PM:	219	241	216	206	211	1056		1047	1095	10166.4	0	0.064	AC		
5 PM:	220	244	217	208	200	1054		1051	1094	9813.4	0	0.131	BS		
6 PM:	222	241	216	206	216	1061		1049	1098	10166.4	0	0.196	AC		
7 PM:	220	242	217	208	203	1050		1050	1098	9813.4	0	0.262	BS		
8 PM:	223	243	218	208	202	1059		1050	1098	10166.4	0	0.327	AC		
9 PM:	220	241	216	207	213	1058		1049	1093	10166.4	0	0.392	BS		
10 PM:	221	244	218	205	203	1052		1048	1097	10166.4	0	0.456	AC		

AVG.:	221	242	217	207	208	1056	1049.3	1096.3	10078	0		

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:





TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

NIGHT
SHIFT

Jun 26 1993

Well Field Operation (GPM) Air Stripper Operation

Well 1	Well System					Air Stripper Operation				Op Init
	Well 2	Well 3	Well 4	Well 5	Flow	Stripper Flow	Pressure Filtr Flow	Blower Air Flow	Effluent Pres Flow	
11 PM:	220	241	216	205	212	1057	1049	1096	10943	0 0.534
Midnite	222	243	216	204	208	1055	1049	1097	10943	0 0.054
1 AM:	221	243	216	206	207	1060	1048	1093	10943	0 0.119
2 AM:	221	240	218	205	210	1060	1046	1097	10943	0 0.183
3 AM:	221	243	216	206	207	1062	1049	1092	10943	0 0.248
4 AM:	220	244	218	208	200	1054	1048	1093	10943	0 0.314
5 AM:	222	244	217	206	209	1056	1049	1091	10943	0 0.382
6 AM:	222	242	216	206	204	1062	1049	1097	10943	0 0.444
AVG.:	221	243	217	206	207	1058	1048.4	1094.5	10943	0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

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Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report

Daily Operations Report



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

**DAY
SHIFT**

Jun 26 1993

Well Field Operation (GPM) Air Stripper Operation

	Well 1	Well 2	Well 3	Well 4	Well 5	Well System Flow	Stripper Pressure Flow	Stripper Blower Air Flow	Effluent Pres	Op Init
7 AM:	220	244	216	204	210	1057	1048	1096	11649	0 0.509 KN
8 AM:	222	243	216	206	200	1053	1047	1091	12002	0 0.064 FC
9 AM:	220	244	216	206	205	1057	1048	1095	12002	0 0.129 KN
10 AM:	222	244	217	206	212	1059	1047	1095	10166.4	0 0.194 FC
11 AM:	220	243	218	207	200	1050	1048	1095	10166.4	0 0.259 KN
Noon:	221	243	217	205	216	1063	1050	1096	10166.4	0 0.3 FC
1 PM:	222	244	219	207	200	1059	1049	1097	10166.4	0 0.375 KN
2 PM:	221	244	215	205	211	1058	1063	1102	10943	0 0.453 FC

AVG.: 221 244 217 206 207 1057 1050 1095.9 10908 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:





TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

EVENING
SHIFT

Jun 26 1993

Well Field Operation (GPM)										Air Stripper Operation				
Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Stripper Pressure	Blower	Air	Effluent Op	
1	2	3	4	5	6	7	8	9	10	Flow	Filtr Flow	Air Flow	Pres Flow	Init
3 PM:	221	242	216	205	214	1062				1058	1104	9813.4	0	0.518 KN
4 PM:	220	241	217	206	213	1059				1054	1104	10166.4	0	0.063 FC
5 PM:	222	243	218	206	212	1060				1052	1102	10166.4	0	0.129 KN
6 PM:	221	245	216	207	204	1063				1051	1102	10590	0	0.196 FC
7 PM:	221	245	218	208	202	1052				1051	1098	10166.4	0	0.262 KN
8 PM:	221	243	219	208	202	1050				1050	1101	9813.4	0	0.325 FC
9 PM:	221	244	219	208	200	1052				1050	1100	10166.4	0	0.392 KN
10 PM:	222	243	217	205	206	1055				1050	1096	10166.4	0	0.457 FC
AVG.:	221	243	218	207	207	1057				1052	1100.9	10131	0	

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

LIBRARY

Daily Operations Report



**NIGHT
SHIFT**

Jun	27	1993

Well Field Operation (GPM)

	Well 1	Well 2	Well 3	Well 4	Well 5	System Flow	Stripper Flow	Pressure Filtr Flow	Blower Air Flow	Air Pres	Effluent Flow	Op Init
11 PM:	220	241	217	204	217	1064	1051	1097	10943	0	0.533	BS
Midnite	219	244	216	205	218	1065	1053	1100	10943	0	0.054	DH
1 AM:	221	243	216	207	212	1060	1052	1100	10943	0	0.12	BS
2 AM:	222	243	218	206	206	1054	1051	1100	1943	0	0.186	DH
3 AM:	220	240	217	205	214	1062	1050	1098	10943	0	0.252	BS
4 AM:	220	244	216	207	198	1055	1052	1100	10943	0	0.316	DH
5 AM:	220	242	218	207	207	1054	1051	1099	10943	0	0.388	BS
6 AM:	222	243	217	206	210	1059	1051	1098	10943	0	0.447	DH

Air Stripper Operation

Stripper Pressure Flow	Pressure Filtr Flow	Blower Air Flow	Air Pres	Effluent Flow	Op Init
1051	1097	10943	0	0.533	BS
1053	1100	10943	0	0.054	DH
1052	1100	10943	0	0.12	BS
1051	1100	1943	0	0.186	DH
1050	1098	10943	0	0.252	BS
1052	1100	10943	0	0.316	DH
1051	1099	10943	0	0.388	BS
1051	1098	10943	0	0.447	DH

AVG.:

221	243	217	206	210	1059	1051.4	1099	9818	0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons). Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:



Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report

Daily Operations Report



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

DAY
SHIFT

Jun 27 1993

Well Field Operation (GPM)										Air Stripper Operation			
Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Stripper Pressure Flow	Blower Air Flow	Effluent Pres	Op Init
1	2	3	4	5	6	7	8	9	10	Flow	Flow	Flow	Flow
7 AM: 220	244	216	205	216	205	216	205	216	205	1050	1099	10943	0 0.514
8 AM: 221	243	217	207	217	207	217	207	217	207	1052	1099	10943	0 0.063
9 AM: 220	244	217	206	217	206	217	206	217	206	1049	1097	10166.4	0 0.125
10 AM: 220	243	216	206	216	206	216	206	216	206	1047	1097	10590	0 0.191
11 AM: 220	243	217	205	217	205	217	205	217	205	1050	1097	10590	0 0.256
Noon: 220	243	215	206	215	206	215	206	215	206	1048	1096	10943	0 0.322
1 PM: 220	243	218	206	218	206	218	206	218	206	1049	1097	10943	0 0.386
2 PM: 220	244	217	206	217	206	217	206	217	206	1049	1097	10166.4	0 0.452
AVG.: 220	243	217	206	217	206	217	206	217	206	1049.3	1097.4	10661	0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

LWB



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

**EVENING
SHIFT**

Jun 27 1993

Well Field Operation (GPM)										Air Stripper Operation				
Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Stripper Pressure	Blower	Air Flow	Effluent Flow	Op Init
1	2	3	4	5	6	7	8	9	10	Flow	Filtr Flow	Air Flow	Pres	Flow
3 PM: 220	242	216	204	212	1061					1049	1097	10166.4	0	0.518
4 PM: 220	242	216	206	209	1058					1049	1095	10590	0	0.064
5 PM: 220	244	217	206	209	1060					1050	1092	10590	0	0.129
6 PM: 221	245	216	206	204	1055					1049	1097	10590	0	0.195
7 PM: 220	244	218	207	205	1055					1050	1095	9107.4	0	0.26
8 PM: 220	243	217	204	211	1059					1048	1096	9389.8	0	0.326
9 PM: 221	243	216	205	213	1061					1050	1096	10166.4	0	0.39
10 PM: 222	243	217	206	212	1062					1050	1095	10166.4	0	0.456

AVG.: 221 243 217 206 209 1059 1049.4 1095.4 10096 0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

UAB

Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report

Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report

Daily Operations Report



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

**NIGHT
SHIFT**

Jun 28 1993

Well Field Operation (GPM)						Air Stripper Operation					
Well	Well	Well	Well	Well	System	Stripper Pressure	Blower	Air	Effluent	Op	
1	2	3	4	5	Flow	Flow	Filtr Flow	Air Flow	Pres	Flow	Init
11 PM: 220	244	218	205	202	1053	1051	1098	11296	0	0.523	DL
Midnite 220	244	216	205	216	1065	1052	1098	11649	0	0.065	DH
1 AM: 221	244	218	206	202	1064	1050	1099	10943	0	0.128	DL
2 AM: 221	245	218	208	202	1058	1050	1095	10943	0	0.193	DH
3 AM: 220	244	216	206	208	1058	1050	1099	10943	0	0.257	DL
4 AM: 220	244	216	206	215	1063	1050	1096	10943	0	0.315	DH
5 AM: 220	244	218	206	205	1559	1051	1099	10943	0	0.393	DL
6 AM: 220	244	218	206	205	1059	1051	1098	10166.4	0	0.455	DH
AVG.:						1050.6	1097.8	10978	0		

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:



Daily Operations Report



DAY	SHIFT
1	DAY
2	NIGHT
3	DAY
4	NIGHT
5	DAY
6	NIGHT
7	DAY
8	NIGHT
9	DAY
10	NIGHT
11	DAY
12	NIGHT
13	DAY
14	NIGHT
15	DAY
16	NIGHT
17	DAY
18	NIGHT
19	DAY
20	NIGHT
21	DAY
22	NIGHT
23	DAY
24	NIGHT
25	DAY
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32	NIGHT
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81	DAY
82	NIGHT
83	DAY
84	NIGHT
85	DAY
86	NIGHT
87	DAY
88	NIGHT
89	DAY
90	NIGHT
91	DAY
92	NIGHT
93	DAY
94	NIGHT
95	DAY
96	NIGHT
97	DAY
98	NIGHT
99	DAY
100	NIGHT

Jun	28	1993

Well Field Operation (GPM)

	Well 1	Well 2	Well 3	Well 4	Well 5	Well System Flow	Stripper Flow	Pressure Filtr Flow	Blower Air Flow	Air Pres	Effluent Flow	Op Init
7 AM:	221	244	216	204	208	1060	1050	1098	12002	0	0.518	MA
8 AM:	220	242	216	203	235	1078	1054	1095	11649	0	0.065	DH
9 AM:	220	244	217	206	212	1060	1053	1096	11296	0	0.13	MA
10 AM:	220	244	216	206	215	1061	1054	1098	10943	0	0.196	DH
11 AM:	220	244	217	206	205	1054	1050	1099	10943	0	0.261	MA
Noon:	221	244	218	206	206	1054	1051	1099	10943	0	0.325	DH
1 PM:	220	245	216	205	208	1057	1050	1096	9107.4	0	0.39	MA
2 PM:	222	244	218	208	199	1053	1051	1099	10166.4	0	0.454	DH

Air Stripper Operation

Stripper Flow	Pressure Flow	Blower Air Flow	Air Pres	Effluent Flow	Op Init
1050	1098	12002	0	0.518	MA
1054	1095	11649	0	0.065	DH
1053	1096	11296	0	0.13	MA
1054	1098	10943	0	0.196	DH
1050	1099	10943	0	0.261	MA
1051	1099	10943	0	0.325	DH
1050	1096	9107.4	0	0.39	MA
1051	1099	10166.4	0	0.454	DH

AVG.:

221	244	217	206	211	1060	1051.6	1097.5	10881	0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons). Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:



Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report

Daily Operations Report



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

**EVENING
SHIFT**

Jun 28 1993

Well Field Operation (GPM)										Air Stripper Operation			
Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Strripper Pressure Flow	Blower Air Flow	Effluent Flow	Op Init
1	2	3	4	5	6	7	8	9	10	Flow	Flow	Flow	
221	243	217	205	213	1061					1051	1097	9813.4	0 0.52
220	243	216	207	216	1064					1054	1100	9813.4	0 0.064
220	244	216	206	213	1062					1051	1100	9813.4	0 0.129
223	244	216	206	207	1063					1051	1096	10166.4	0 0.195
220	244	217	206	208	1058					1052	1099	10590	0 0.262
219	243	216	204	228	1073					1053	1099	10166.4	0 0.327
219	241	214	203	235	1077					1056	1099	10590	0 0.393
221	243	216	206	212	1064					1058	1098	10590	0 0.457
AVG.:										1053.3	1098.5	10193	0

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:

UNB

Daily Operations Report



DAY	SHIFT

1993

Jun	29

1993

Well Field Operation (GPM)	Air Stripper Operation
1000	1000
2000	2000
3000	3000
4000	4000
5000	5000
6000	6000
7000	7000
8000	8000
9000	9000
10000	10000

	Well 1	Well 2	Well 3	Well 4	Well 5	Well System Flow	Stripper Flow	Pressure Flow	Blower Air Flow	Air Pres	Effluent Flow	Op Init
7 AM:	220	243	216	207	212	1061	1049	1098	10590	0	0.523	DH
8 AM:	220	245	217	205	206	1055	1050	1095	9813.4	0	0.066	MA
9 AM:	220	244	217	208	197	1055	1049	1098	10943	0	0.131	DH
10 AM:	219	244	216	205	216	1061	1048	1096	10943	0	0.196	MA
11 AM:	220	243	216	204	212	1060	1049	1097	7977.8	0	0.261	DH
Noon:	220	244	219	206	203	1052	1048	1097	10943	0	0.326	MA
1 PM:	218	244	216	205	218	1064	1050	1097	11296	0	0.391	DH
2 PM:	220	242	216	205	212	1060	1050	1098	11296	0	0.456	MA

220	244	217	206	210	1059	1049.1	1097	10475	0
AVG.:									

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons). Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:



Town of Oyster Bay Department of Public Works Groundwater Treatment Facility - Daily Operations Report

Daily Operations Report



TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY
DAILY OPERATIONS REPORT

EVENING
SHIFT

Jun 29 1993

Well Field Operation (GPM)										Air Stripper Operation				
Well	Well	Well	Well	Well	Well	Well	Well	Well	Well	Stripper Pressure	Blower Air Flow	Effluent Flow	Op Init	
1	2	3	4	5	6	7	8	9	10	Flow	Filtr Flow	Pres	Flow	
3 PM: 220	244	216	206	206	206	206	206	206	206	1051	1097	10590	0	0.521 BS
4 PM: 220	245	216	207	212	212	212	212	212	212	1051	1087	10166.4	0	0.065 AC
5 PM: 220	243	216	204	216	216	216	216	216	216	1052	1088	9813.4	0	0.13 BS
6 PM: 222	244	216	204	208	208	208	208	208	208	1052	1091	9813.4	0	0.194 AC
7 PM: 221	244	217	206	205	205	205	205	205	205	1051	1093	9813.4	0	0.26 BS
8 PM: 220	244	217	208	200	200	200	200	200	200	1050	1094	10166.4	0	0.323 AC
9 PM: 221	245	216	205	205	205	205	205	205	205	1050	1095	10166.4	0	0.389 BS
10 PM: 220	243	216	203	203	203	203	203	203	203	1051	1096	10590	0	0.455 AC
AVG.:										1051	1092.6	10140	0	

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons).
Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:



Daily Operations Report



NIGHT SHIFT

1993

Jun	29

100

Well Field Operation (GPM)

Air Stripper Operation

	Well 1	Well 2	Well 3	Well 4	Well 5	Well System Flow	Stripper Flow	Pressure Flow	Blower Air Flow	Air Pres	Effluent Flow	Op Init
11 PM:	220	244	216	205	202	1052	1055	1102	10590	0	0.523	DL
Midnite	221	245	217	208	200	1058	1054	1096	10166.4	0	0.066	AC
1 AM:	222	244	217	206	203	1062	1053	1097	10166.4	0	0.131	DL
2 AM:	220	245	216	208	208	1059	1051	1097	10166.4	0	0.197	AC
3 AM:	220	244	216	204	216	1062	1050	1095	9813.4	0	0.263	DL
4 AM:	220	244	216	205	211	1060	1051	1098	9813.4	0	0.328	AC
5 AM:	219	244	217	206	212	1062	1050	1098	9813.4	0	0.394	DL
6 AM:	221	245	216	205	201	1051	1050	1094	10166.4	0	0.457	AC

220	244	216	206	207	1058	1051.8	1097.1	10087	0
AVG.:									

Note: All flows are in GPM except Blower (CFM) and Effluent (Millions of gallons). Cumulative Effluent flow is periodically reset; other flows are instantaneous rates.

Operator remarks:



APPENDIX C

SELF-MONITORING ORGANIC ANALYSIS

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



Apr 2, 1993

AM

Influent

Chemical Constituent	Concentration	
	Allowed * (ug/l)	Measured ** (ug/l)
Total VOCs	100	271.42
Benzene (ND)	0	6.69
Bromodichloromethane	50***	1.41
Bromoform	50***	0
Carbon Tetrachloride	5	1.42
Chlorobenzene	5	1.59
Chlorodibromomethane	50***	0
Chloroethane	5	4.16
Chloroform	100***	2.5
Dichlorobenzene, o&p	4.7	3.26
Dichlorobenzene, o,m&p	50	3.96
1,1 Dichloroethane	5	9.32
1,2 Dichloroethane	5	0
1,1 Dichloroethene	0.07	2.48
cis-1,2 Dichloroethene	5	45.15
trans-1,2 Dichloroethene	5	1.83
1,2 Dichloropropane	5	2.36
Ethylbenzene	5	1.23
Methylene Chloride	5	4.92
Tetrachloroethene	0.7	149.55
Toluene	5	1.24
1,1,1 Trichloroethane	5	3.58
Trichloroethylene	5	13.46
Vinyl Chloride	1	10.16
Xylene, o	5	3.24
Xylene, m&p	5	1.19
Xylene, o,m&p	50	4.43
fourTrihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/88 letter to the Town.

** Compounds exceeding allowable F-H-L U-N-T concentrations are highlighted

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF OYSTERTOWN

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



Apr 2, 1993

AM

Effluent

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	1.26
Benzene (ND)	0	0.06
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.02
Chlorodibromomethane	50***	0
Chloroethane	5	0
Chloroform	100***	0.02
Dichlorobenzene, o&p	4.7	0.16
Dichlorobenzene, o,m&p	50	0.2
1,1 Dichloroethane	5	0.02
1,2 Dichloroethane	5	0.04
1,1 Dichloroethene	0.07	0
cis-1,2 Dichloroethene	5	0.44
trans-1,2 Dichloroethene	5	0
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.01
Methylene Chloride	5	0.03
Tetrachloroethene	0.7	0.28
Toluene	5	0.01
1,1,1 Trichloroethane	5	0.01
Trichloroethylene	5	0.08
Vinyl Chloride	1	0
Xylene, o	5	0.03
Xylene, m&p	5	0.01
Xylene, o,m&p	50	0.04
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/92 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



Apr 6, 1983

AM

influent

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	245.72
Benzene (ND)	0	5.41
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	1.54
Chlorodibromomethane	50***	0
Chloroethane	5	1.1
Chloroform	100***	1.77
Dichlorobenzene, o&p	4.7	3.77
Dichlorobenzene, o,m&p	50	4.16
1,1 Dichloroethane	5	7.94
1,2 Dichloroethane	5	0.91
1,1 Dichloroethene	0.07	0.17
cis-1,2 Dichloroethene	5	44.32
trans-1,2 Dichloroethene	5	0.75
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.15
Methylene Chloride	5	3.76
Tetrachloroethene	0.7	150.46
Toluene	5	0.16
1,1,1 Trichloroethane	5	2.6
Trichloroethylene	5	11.95
Vinyl Chloride	1	5.98
Xylene, o	5	2.43
Xylene, m&p	5	0.16
Xylene, o,m&p	50	2.59
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/88 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF TONAWANDA

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



Apr 5, 1993

AM

Effluent

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	1.27
Benzene (ND)	0	0.07
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.02
Chlorodibromomethane	50***	0
Chloroethane	5	0
Chloroform	100***	0.02
Dichlorobenzene, o&p	4.7	0.17
Dichlorobenzene, o,m&p	50	0.21
1,1 Dichloroethane	5	0.02
1,2 Dichloroethane	5	0.04
1,1 Dichloroethene	0.07	0
cis-1,2 Dichloroethene	5	0.45
trans-1,2 Dichloroethene	5	0
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.01
Methylene Chloride	5	0.04
Tetrachloroethene	0.7	0.28
Toluene	5	0.01
1,1,1 Trichloroethane	5	0.01
Trichloroethylene	5	0.05
Vinyl Chloride	1	0
Xylene, o	5	0.03
Xylene, m&p	5	0.01
Xylene, o,m&p	50	0.04
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/88 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



Apr 7, 1993

AM

Influent

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	257.53
Benzene (ND)	0	5.78
Bromodichloromethane	50***	0
Bromoforn	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	1.48
Chlorodibromomethane	50***	0
Chloroethane	5	0
Chloroforn	100***	1.89
Dichlorobenzene, o&p	4.7	3.37
Dichlorobenzene, o,m&p	50	3.49
1,1 Dichloroethane	5	8.21
1,2 Dichloroethane	5	0.71
1,1 Dichloroethene	0.07	0.21
cis-1,2 Dichloroethene	5	46.52
trans-1,2 Dichloroethene	5	0.38
1,2 Dichloropropane	5	0
Ethylbenzene	5	0
Methylene Chloride	5	3.96
Tetrachloroethene	0.7	162.22
Toluene	5	0.08
1,1,1 Trichloroethane	5	2.49
Trichloroethylene	5	12.8
Vinyl Chloride	1	4.9
Xylene, o	5	2.39
Xylene, m&p	5	0.02
Xylene, o,m&p	50	2.41
fourTrihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/88 letter to the Town.

** Compounds exceeding allowable PCE UCL-NT concentrations are highlighted

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF WEST HAVEN

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



Apr 7, 1993

AM

Effluent

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	0.96
Benzene (ND)	0	0.05
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.09
Chlorodibromomethane	50***	0
Chloroethane	5	0
Chloroform	100***	0.02
Dichlorobenzene, o&p	4.7	0.08
Dichlorobenzene, o,m&p	50	0.12
1,1 Dichloroethane	5	0.02
1,2 Dichloroethane	5	0.04
1,1 Dichloroethene	0.07	0
cis-1,2 Dichloroethene	5	0.28
trans-1,2 Dichloroethene	5	0
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.01
Methylene Chloride	5	0.03
Tetrachloroethene	0.7	0.18
Toluene	5	0.02
1,1,1 Trichloroethane	5	0
Trichloroethylene	5	0.05
Vinyl Chloride	1	0
Xylene, o	5	0.03
Xylene, m&p	5	0.02
Xylene, o,m&p	50	0.05
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/92 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.



APR 8 1988

AM

EFFLUENT

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	242.01
Benzene (ND)	0	3.03
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	1.51
Chlorodibromomethane	50***	0
Chloroethane	5	2.04
Chloroform	100***	1.55
Dichlorobenzene, o&p	4.7	2.64
Dichlorobenzene, o,m&p	50	2.77
1,1 Dichloroethane	5	7.72
1,2 Dichloroethane	5	0.85
1,1 Dichloroethene	0.07	0.10
cis-1,2 Dichloroethene	5	10.39
trans-1,2 Dichloroethene	5	0.55
1,2 Dichloropropane	5	0
Ethylbenzene	5	0
Methylene Chloride	5	3.07
Tetrachloroethene	0.7	151.3
Toluene	5	0.05
1,1,1 Trichloroethane	5	3.26
Trichloroethylene	5	12.14
Vinyl Chloride	1	6.93
Xylene, o	5	2.09
Xylene, m&p	5	0.04
Xylene, o,m&p	50	2.13
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/88 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF WESTER HAY

Department of Public Works

Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



Apr 9, 1993

AM

Effluent

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	1.24
Benzene (ND)	0	0.05
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.03
Chlorodibromomethane	50***	0
Chloroethane	5	0
Chloroform	100***	0.02
Dichlorobenzene, o&p	4.7	0.13
Dichlorobenzene, o,m&p	50	0.16
1,1 Dichloroethane	5	0.02
1,2 Dichloroethane	5	0.04
1,1 Dichloroethene	0.07	0
cis-1,2 Dichloroethene	5	0.32
trans-1,2 Dichloroethene	5	0
1,2 Dichloropropane	5	0
Ethylbenzene	5	0
Methylene Chloride	5	0.03
Tetrachloroethene	0.7	0.46
Toluene	5	0.01
1,1,1 Trichloroethane	5	0.02
Trichloroethylene	5	0.05
Vinyl Chloride	1	0
Xylene, o	5	0.02
Xylene, m&p	5	0.01
Xylene, o,m&p	50	0.03
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/88 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

TOWN OF OYSTER BAY

Public Wastewater Treatment Plant

Effluent Water Treatment Facility

ORGANIC ANALYSIS REPORT



Chemical Constituent	Concentration	
	Allowed * (ug/l)	Measured ** (ug/l)
Total VOCs	100	229.22
Benzene (ND)	0	4.94
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.83
Chlorodibromomethane	50***	0
Chloroethane	5	1.79
Chloroform	100***	1.51
Dichlorobenzene, o&p	4.7	3.15
Dichlorobenzene, o,m&p	50	3.55
1,1 Dichloroethane	5	7.59
1,2 Dichloroethane	5	0.92
1,1 Dichloroethene	0.07	0.23
cis-1,2 Dichloroethene	5	33.95
trans-1,2 Dichloroethene	5	0.71
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.25
Methylene Chloride	5	0.66
Tetrachloroethene	0.7	130.23
Toluene	5	0.2
1,1,1 Trichloroethane	5	4.02
Trichloroethylene	5	11.94
Vinyl Chloride	1	6.32
Xylene, o	5	2.11
Xylene, m&p	5	0.27
Xylene, o,m&p	50	2.36
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/96 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

TOWN OF WEST HAVEN

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



Apr 12, 1993

AM

Effluent

Chemical Constituent	Concentration	
	Allowed ¹ (ug/l)	Measured ² (ug/l)
Total VOCs	100	0.38
Benzene (ND)	0	0.04
Bromodichloromethane	50***	0
Bromotorm	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.06
Chlorodibromomethane	50***	0
Chloroethane	5	0
Chloroform	100***	0.02
Dichlorobenzene, o&p	4.7	0.14
Dichlorobenzene, o,m&p	50	0.17
1,1 Dichloroethane	5	0.01
1,2 Dichloroethane	5	0.03
1,1 Dichloroethene	0.07	0
cis-1,2 Dichloroethene	5	0.25
trans-1,2 Dichloroethene	5	0
1,2 Dichloropropane	5	0
Ethylbenzene	5	0
Methylene Chloride	5	0.03
Tetrachloroethene	0.7	0.17
Toluene	5	0.01
1,1,1 Trichloroethane	5	0.01
Trichloroethylene	5	0.03
Vinyl Chloride	1	0
Xylene, o	5	0.02
Xylene, m&p	5	0
Xylene, o,m&p	50	0.02
four Trihalomethanes (***)	100	0

¹ Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/88 letter to the Town.

² Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



Apr 14, 1993

AM

Influent

Chemical Constituent	Concentration	
	Allowed * (ug/l)	Measured ** (ug/l)
Total VOCs	100	256.39
Benzene (ND)	0	5.35
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	1.11
Chlorodibromomethane	50***	0
Chloroethane	5	1.88
Chloroform	100***	1.5
Dichlorobenzene, o&p	4.7	8.02
Dichlorobenzene, o,m&p	50	3.28
1,1 Dichloroethane	5	7.81
1,2 Dichloroethane	5	0.69
1,1 Dichloroethene	0.07	0.27
cis-1,2 Dichloroethene	5	42.06
trans-1,2 Dichloroethene	5	0.66
1,2 Dichloropropane	5	0
Ethylbenzene	5	0
Methylene Chloride	5	3.69
Tetrachloroethene	0.7	162.7
Toluene	5	0.09
1,1,1 Trichloroethane	5	8.33
Trichloroethylene	5	12.86
Vinyl Chloride	1	7.03
Xylene, o	5	2.15
Xylene, m&p	5	0.04
Xylene, o,m&p	50	2.19
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/1989 letter to the Town.

** Compounds exceeding allowable 1-1-1-1-1-1 concentrations are highlighted

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

TOWN OF CYSTHERAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT

Apr 11 1998

1M

Effluent

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	1.1
Benzene (ND)	0	0.06
Bromochloromethane	50***	0.01
Bromoform	50***	0
Carbon Tetrachloride	5	0.01
Chlorobenzene	5	0.04
Chlorodibromomethane	50***	0
Chloroethane	5	0
Chloroform	100***	0.05
Dichlorobenzene, o&p	1.7	0.18
Dichlorobenzene, o.m&p	50	0.19
1,1 Dichloroethane	5	0.04
1,2 Dichloroethane	5	0.08
1,1 Dichloroethene	0.07	0.01
cis-1,2 Dichloroethene	5	0.04
trans-1,2 Dichloroethene	5	0.02
1,2 Dichloropropane	5	0.02
Ethylbenzene	5	0.03
Methylene Chloride	5	0.06
Tetrachloroethene	0.7	0.23
Toluene	5	0.03
1,1,1 Trichloroethane	5	0.03
Trichloroethylene	5	0.06
Vinyl Chloride	1	0
Xylene, o	5	0.03
Xylene, m&p	5	0.02
Xylene, o.m&p	50	0.08
four Trihalomethanes (***)	100	0

Regulatory effluent discharge standards as specified in the Consent Decree and modified by HHC/98 letter to the Town.

** Compounds exceeding allowable in-FLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



Apr 16, 1993

AM

Influent

Chemical Constituent	Concentration	
	Allowed * (ug/l)	Measured ** (ug/l)
Total VOCs	100	253.34
Benzene (ND)	0	5.38
Bromodichloromethane	50***	0.67
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	1.16
Chlorodibromomethane	50***	0
Chloroethane	5	2.22
Chloroform	100***	0
Dichlorobenzene, o&p	4.7	3.06
Dichlorobenzene, o,m&p	50	3.71
1,1 Dichloroethane	5	7.57
1,2 Dichloroethane	5	0.35
1,1 Dichloroethene	0.07	0.33
cis-1,2 Dichloroethene	5	39.92
trans-1,2 Dichloroethene	5	1.16
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.36
Methylene Chloride	5	5.9
Tetrachloroethene	0.7	158.31
Toluene	5	0.26
1,1,1 Trichloroethane	5	3.66
Trichloroethylene	5	12.6
Vinyl Chloride	1	7.26
Xylene, o	5	2.95
Xylene, m&p	5	0.3
Xylene, o,m&p	50	2.65
fourTrihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Current Decision and modified by 11/10/88 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



Apr 18, 1993

AM

Effluent

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	1.04
Benzene (ND)	0	0.04
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.07
Chlorodibromomethane	50***	0
Chloroethane	5	0
Chloroform	100***	0
Dichlorobenzene, o&p	4.7	0.14
Dichlorobenzene, o,m&p	50	0.18
1,1 Dichloroethane	5	0.03
1,2 Dichloroethane	5	0.05
1,1 Dichloroethene	0.07	0
cis-1,2 Dichloroethene	5	0.28
trans-1,2 Dichloroethene	5	0
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.02
Methylene Chloride	5	0.04
Tetrachloroethene	0.7	0.2
Toluene	5	0.01
1,1,1 Trichloroethane	5	0.03
Trichloroethylene	5	0.04
Vinyl Chloride	1	0.02
Xylene, o	5	0.02
Xylene, m&p	5	0.01
Xylene, o,m&p	50	0.03
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/16/92 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



Apr 18, 1993

AM

Influent

Chemical Constituent	Concentration	
	Allowed * (ug/l)	Measured ** (ug/l)
Total VOCs	100	248.12
Benzene (ND)	0	5.22
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.97
Chlorodibromomethane	50***	0
Chloroethane	5	1.54
Chloroform	100***	1.47
Dichlorobenzene, o&p	4.7	3.38
Dichlorobenzene, o,m&p	50	3.67
1,1 Dichloroethane	5	7.42
1,2 Dichloroethane	5	0.76
1,1 Dichloroethene	0.07	0.18
cis-1,2 Dichloroethene	5	42.98
trans-1,2 Dichloroethene	5	0.64
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.09
Methylene Chloride	5	3.29
Tetrachloroethene	0.7	157.43
Toluene	5	0.09
1,1,1 Trichloroethane	5	2.58
Trichloroethylene	5	12.48
Vinyl Chloride	1	5.09
Xylene, o	5	2.26
Xylene, m&p	5	0.07
Xylene, o,m&p	50	2.32
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/90 letter to the Town.

** Compounds exceeding allowable T-H-L-N-I concentrations are highlighted

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



Apr 19, 1993

AM

Effluent

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	0.89
Benzene (ND)	0	0.04
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.07
Chlorodibromomethane	50***	0
Chloroethane	5	0
Chloroform	100***	0.01
Dichlorobenzene, o&p	4.7	0.12
Dichlorobenzene, o,m&p	50	0.15
1,1 Dichloroethane	5	0.01
1,2 Dichloroethane	5	0.03
1,1 Dichloroethene	0.07	0
cis-1,2 Dichloroethene	5	0.28
trans-1,2 Dichloroethene	5	0
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.01
Methylene Chloride	5	0.03
Tetrachloroethene	0.7	0.18
Toluene	5	0.02
1,1,1 Trichloroethane	5	0
Trichloroethylene	5	0.03
Vinyl Chloride	1	0
Xylene, o	5	0.02
Xylene, m&p	5	0.01
Xylene, o,m&p	50	0.03
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/99 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



Apr 21, 1993

AM

Influent

Chemical Constituent	Concentration	
	Allowed * (ug/l)	Measured ** (ug/l)
Total VOCs	100	240.8
Benzene (ND)	0	5.35
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.96
Chlorodibromomethane	50***	0
Chloroethane	5	0.71
Chloroform	100***	1.58
Dichlorobenzene, o&p	4.7	3.19
Dichlorobenzene, o,m&p	50	3.39
1,1 Dichloroethane	5	7.11
1,2 Dichloroethane	5	0.73
1,1 Dichloroethene	0.07	0.27
cis-1,2 Dichloroethene	5	43.35
trans-1,2 Dichloroethene	5	0.39
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.12
Methylene Chloride	5	3.47
Tetrachloroethene	0.7	153.28
Toluene	5	0.08
1,1,1 Trichloroethane	5	2.4
Trichloroethylene	5	12.34
Vinyl Chloride	1	2.95
Xylene, o	5	2.27
Xylene, m&p	5	0.07
Xylene, o,m&p	50	2.34
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/90 letter to the Town.

** Compounds exceeding allowable (1-1-UG-1) concentrations are highlighted

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



Apr 21, 1993

AM

Effluent

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	0.98
Benzene (ND)	0	0.03
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.08
Chlorodibromomethane	50***	0
Chloroethane	5	0.01
Chloroform	100***	0.02
Dichlorobenzene, o&p	4.7	0.14
Dichlorobenzene, o,m&p	50	0.18
1,1 Dichloroethane	5	0.02
1,2 Dichloroethane	5	0.04
1,1 Dichloroethene	0.07	0
cis-1,2 Dichloroethene	5	0.3
trans-1,2 Dichloroethene	5	0
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.01
Methylene Chloride	5	0.03
Tetrachloroethene	0.7	0.19
Toluene	5	0.01
1,1,1 Trichloroethane	5	0
Trichloroethylene	5	0.03
Vinyl Chloride	1	0
Xylene, o	5	0.02
Xylene, m&p	5	0.01
Xylene, o,m&p	50	0.03
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/92 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



Apr 23, 1993

AM

Influent

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	233.52
Benzene (ND)	0	4.18
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	1.37
Chlorodibromomethane	50***	0
Chloroethane	5	1.37
Chloroform	100***	1.88
Dichlorobenzene, o&p	4.7	2.41
Dichlorobenzene, o,m&p	50	2.57
1,1 Dichloroethane	5	6.89
1,2 Dichloroethane	5	0.69
1,1 Dichloroethene	0.07	0.07
cis-1,2 Dichloroethene	5	31.61
trans-1,2 Dichloroethene	5	0.2
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.07
Methylene Chloride	5	4.5
Tetrachloroethene	0.7	156.23
Toluene	5	0.11
1,1,1 Trichloroethane	5	3.5
Trichloroethylene	5	11.95
Vinyl Chloride	1	4.58
Xylene, o	5	1.69
Xylene, m&p	5	0.06
Xylene, o,m&p	50	1.75
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/90 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



Apr 23, 1993

AM

Effluent

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	0.83
Benzene (ND)	0	0.04
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.01
Chlorodibromomethane	50***	0
Chloroethane	5	0
Chloroform	100***	0.03
Dichlorobenzene, o&p	4.7	0.03
Dichlorobenzene, o,m&p	50	0.03
1,1 Dichloroethane	5	0.04
1,2 Dichloroethane	5	0.06
1,1 Dichloroethene	0.07	0
cis-1,2 Dichloroethene	5	0.37
trans-1,2 Dichloroethene	5	0
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.01
Methylene Chloride	5	0.07
Tetrachloroethene	0.7	0.1
Toluene	5	0.02
1,1,1 Trichloroethane	5	0.03
Trichloroethylene	5	0.01
Vinyl Chloride	1	0
Xylene, o	5	0
Xylene, m&p	5	0.01
Xylene, o,m&p	50	0.01
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/92 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



Apr 26, 1993

AM

influent

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	214.29
Benzene (ND)	0	3.89
Bromodichloromethane	60***	0
Bromoforn	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	1.24
Chlorodibromomethane	50***	0
Chloroethane	5	1.24
Chloroform	100***	1.5
Dichlorobenzene, o&p	4.7	1.91
Dichlorobenzene, o,m&p	50	2.03
1,1 Dichloroethane	5	7.1
1,2 Dichloroethane	5	0.7
1,1 Dichloroethene	0.07	0.22
cis-1,2 Dichloroethene	5	31.06
trans-1,2 Dichloroethene	6	0.68
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.08
Methylene Chloride	5	3.53
Tetrachloroethene	0.7	140.51
Toluene	6	0.08
1,1,1 Trichloroethane	5	3.4
Trichloroethylene	5	11.62
Vinyl Chloride	1	3.9
Xylene, o	5	1.61
Xylene, m&p	5	0.04
Xylene, o,m&p	60	1.65
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/88 letter to the Town.

** Compounds exceeding allowable MFLUEN concentrations are highlighted

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF LEBANON

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



Apr 26, 1993

AM

Effluent

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	1
Benzene (ND)	0	0
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.07
Chlorodibromomethane	50***	0
Chloroethane	5	0
Chloroform	100***	0.03
Dichlorobenzene, o&p	4.7	0.16
Dichlorobenzene, o,m&p	50	0.2
1,1 Dichloroethane	5	0.02
1,2 Dichloroethane	5	0.04
1,1 Dichloroethene	0.07	0
cis-1,2 Dichloroethene	5	0.27
trans-1,2 Dichloroethene	5	0
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.01
Methylene Chloride	5	0.03
Tetrachloroethene	0.7	0.22
Toluene	5	0.02
1,1,1 Trichloroethane	5	0.02
Trichloroethylene	5	0.04
Vinyl Chloride	1	0
Xylene, o	5	0.02
Xylene, m&p	5	0.01
Xylene, o,m&p	50	0.03
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/85 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



Apr 28, 1993

AM

influent

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	239.83
Benzene (ND)	0	4.35
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	1.27
Chlorodibromomethane	50***	0
Chloroethane	5	1.62
Chloroform	100***	1.52
Dichlorobenzene, o&p	4.7	2.99
Dichlorobenzene, o,m&p	50	3.21
1,1 Dichloroethane	5	7.47
1,2 Dichloroethane	5	0.74
1,1 Dichloroethene	0.07	0.45
cis-1,2 Dichloroethene	5	33.31
trans-1,2 Dichloroethene	5	0.58
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.09
Methylene Chloride	5	3.65
Tetrachloroethene	0.7	158.11
Toluene	5	0.07
1,1,1 Trichloroethane	5	3.32
Trichloroethylene	5	13.1
Vinyl Chloride	1	5.12
Xylene, o	5	1.79
Xylene, m&p	5	0.06
Xylene, o,m&p	50	1.25
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/88 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF WEST HAVEN

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



Apr 28, 1993

AM

Effluent

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	1.23
Benzene (ND)	0	0.07
Bromodichloromethane	50***	0.01
Bromoform	50***	0
Carbon Tetrachloride	5	0.02
Chlorobenzene	5	0.04
Chlorodibromomethane	50***	0
Chloroethane	5	0.01
Chloroform	100***	0.01
Dichlorobenzene, o&p	4.7	0.12
Dichlorobenzene, o,m&p	50	0.14
1,1 Dichloroethane	5	0.04
1,2 Dichloroethane	5	0.08
1,1 Dichloroethene	0.07	0.01
cis-1,2 Dichloroethene	5	0.26
trans-1,2 Dichloroethene	5	0.03
1,2 Dichloropropane	5	0.03
Ethylbenzene	5	0.03
Methylene Chloride	5	0.06
Tetrachloroethene	0.7	0.19
Toluene	5	0.03
1,1,1 Trichloroethane	5	0.04
Trichloroethylene	5	0.06
Vinyl Chloride	1	0.01
Xylene, o	5	0.03
Xylene, m&p	5	0.03
Xylene, o,m&p	50	0.06
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/92 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility
ORGANICS ANALYSIS REPORT



Apr 30, 1998

AM

Influent

Chemical Constituent	Concentration	
	Allowed * (ug/l)	Measured ** (ug/l)
Total VOCs	100	237.46
Benzene (ND)	0	8.05
Bromodichloromethane	50***	0.06
Bromoform	50***	0
Carbon Tetrachloride	5	0.63
Chlorobenzene	5	1.24
Chlorodibromomethane	50***	0
Chloroethane	5	2.2
Chloroform	100***	1.95
Dichlorobenzene, o&p	4.7	3.61
Dichlorobenzene, o,m&p	50	4.06
1,1 Dichloroethane	5	8.38
1,2 Dichloroethane	5	1.31
1,1 Dichloroethene	0.07	1.05
cis-1,2 Dichloroethene	5	37.9
trans-1,2 Dichloroethene	5	0.83
1,2 Dichloropropane	5	0
Ethylbenzene	5	1.11
Methylene Chloride	5	2.91
Tetrachloroethene	0.7	137.48
Toluene	5	0.59
1,1,1 Trichloroethane	5	3.25
Trichloroethylene	5	12.12
Vinyl Chloride	1	8.46
Xylene, o	5	5.32
Xylene, m&p	5	0.57
Xylene, o,m&p	50	5.89
four Trihalomethanes (***)	100	0

* Regulatory allowed discharge standards as specified in the Current Decree and modified by 11/10/98 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

REPORT NO. 101-111117

Department of Public Works
 Groundwater Treatment Facility
 ORGANICS ANALYSIS REPORT



Apr 30, 1993

AM

Effluent

Chemical Constituent	Concentration	
	Allowed * (ug/l)	Measured ** (ug/l)
Total VOCs	100	2.47
Benzene (ND)	0	0.07
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.03
Chlorodibromomethane	50***	0
Chloroethane	5	0
Chloroform	100***	0.04
Dichlorobenzene, o,p	4.7	0.25
Dichlorobenzene, o,m&p	50	0.29
1,1 Dichloroethane	5	0.06
1,2 Dichloroethane	5	0.08
1,1 Dichloroethene	0.07	0
cis-1,2 Dichloroethane	5	0.71
trans-1,2 Dichloroethane	5	0
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.01
Methylene Chloride	5	0.08
Tetrachloroethene	0.7	0.0
Toluene	5	0.02
1,1,1 Trichloroethane	5	0.04
Trichloroethylene	5	0.09
Vinyl Chloride	1	0
Xylene, o	5	0.04
Xylene, m&p	5	0.01
Xylene, o,m&p	50	0.05
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards are specified in New York State laws and modified by 10/10/93 letter to the Town.

** Compounds exceeding allowable ETLLENY concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility
ORGANICS ANALYSIS REPORT



May 3, 1993

AM

Influent

Chemical Constituent	Concentration	
	Allowed * (ug/l)	Measured ** (ug/l)
Total VOCs	100	214.28
Benzene (ND)	0	4.91
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	1.05
Chlorodibromomethane	50***	0
Chloroethane	5	0.91
Chloroform	100***	0.99
Dichlorobenzene, o&p	4.7	3.71
Dichlorobenzene, o,m&p	50	4.15
1,1 Dichloroethane	5	7.29
1,2 Dichloroethane	5	0.3
1,1 Dichloroethene	0.07	0.51
cis-1,2 Dichloroethene	5	36.5
trans-1,2 Dichloroethene	5	0.51
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.61
Methylene Chloride	5	3.75
Tetrachloroethene	0.7	132.49
Toluene	5	0.26
1,1,1 Trichloroethane	5	2.95
Trichloroethylene	5	11.5
Vinyl Chloride	1	3.72
Xylene, o	5	2.19
Xylene, m&p	5	0.29
Xylene, o,m&p	50	2.48
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/90 letter to the Town.

** Compounds exceeding allowance (1-3-1 (1)-(2) concentrations are highlighted

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



May 3, 1993

AM

Effluent

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	1.17
Benzene (ND)	0	0.06
Bromodichloromethane	50***	0
Bromoform	50***	0.03
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.03
Chlorodibromomethane	50***	0
Chloroethane	5	0
Chloroform	100***	0.02
Dichlorobenzene, o&p	4.7	0.18
Dichlorobenzene, o,m&p	50	0.23
1,1 Dichloroethane	5	0.02
1,2 Dichloroethane	5	0.05
1,1 Dichloroethene	0.07	0
cis-1,2 Dichloroethene	5	0.8
trans-1,2 Dichloroethene	5	0.01
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.01
Methylene Chloride	5	0.05
Tetrachloroethene	0.7	0.22
Toluene	5	0.03
1,1,1 Trichloroethane	5	0.02
Trichloroethylene	5	0.05
Vinyl Chloride	1	0
Xylene, o	5	0.03
Xylene, m&p	5	0.02
Xylene, o,m&p	50	0.05
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/92 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility
ORGANICS ANALYSIS REPORT



May 5, 1993

AM

Influent

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	233.54
Benzene (ND)	0	5.54
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	1.09
Chlorodibromomethane	50***	0
Chloroethane	5	1.25
Chloroform	100***	1.6
Dichlorobenzene, o&p	4.7	3.89
Dichlorobenzene, o,m&p	50	4.26
1,1 Dichloroethane	5	7.74
1,2 Dichloroethane	5	0.89
1,1 Dichloroethene	0.07	0.45
cis-1,2 Dichloroethene	5	40.69
trans-1,2 Dichloroethene	5	0.49
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.64
Methylene Chloride	5	3.79
Tetrachloroethene	0.7	141.99
Toluene	5	0.23
1,1,1 Trichloroethane	5	8.12
Trichloroethylene	5	12.12
Vinyl Chloride	1	4.64
Xylene, o	5	2.92
Xylene, m&p	5	0.19
Xylene, o,m&p	50	3.11
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/1992 letter to the Town.

** Compounds exceeding allowable 1,1,1,2,2,2-FCF3 concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF OYSTERTOWN

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



May 5, 1993

AM

Effluent

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	2.67
Benzene (ND)	0	0.16
Bromodichloromethane	50***	0.02
Bromoform	50***	0
Carbon Tetrachloride	5	0.04
Chlorobenzene	5	0.07
Chlorodibromomethane	50***	0
Chloroethane	5	0
Chloroform	100***	0.07
Dichlorobenzene, o&p	4.7	0.22
Dichlorobenzene, o,m&p	50	0.31
1,1 Dichloroethane	5	0.07
1,2 Dichloroethane	5	0.11
1,1 Dichloroethene	0.07	0.05
cis-1,2 Dichloroethene	5	0.4
trans-1,2 Dichloroethene	5	0.04
1,2 Dichloropropane	5	0.05
Ethylbenzene	5	0.16
Methylene Chloride	5	0.06
Tetrachloroethene	0.7	0.28
Toluene	5	0.08
1,1,1 Trichloroethane	5	0.07
Trichloroethylene	5	0.11
Vinyl Chloride	1	0.03
Xylene, o	5	0.43
Xylene, m&p	5	0.07
Xylene, o,m&p	50	0.5
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/92 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



May 7, 1993

AM

Influent

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	242.22
Benzene (ND)	0	5.93
Bromodichloromethane	50***	0.68
Bromoform	50***	0
Carbon Tetrachloride	6	0.85
Chlorobenzene	5	1.43
Chlorodibromomethane	50***	0
Chloroethane	5	2.31
Chloroform	100***	2.28
Dichlorobenzene, o&p	4.7	3.51
Dichlorobenzene, o,m&p	50	4.05
1,1 Dichloroethane	5	7.85
1,2 Dichloroethane	5	1.38
1,1 Dichloroethene	0.07	1.12
cis-1,2 Dichloroethene	5	40.18
trans-1,2 Dichloroethene	6	1.16
1,2 Dichloropropane	5	1.73
Ethylbenzene	6	0.83
Methylene Chloride	5	3.02
Tetrachloroethene	0.7	138.93
Toluene	6	0.83
1,1,1 Trichloroethane	5	3.18
Trichloroethylene	5	12.48
Vinyl Chloride	1	8.46
Xylene, o	5	2.87
Xylene, m&p	5	0.77
Xylene, o,m&p	50	3.64
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/00 letter to the Town.

** Compounds exceeding allowable P-T-T-U-M-TI concentrations are highlighted

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF OSTERADAY

Department of Public Works
Groundwater Treatment Facility
ORGANICS ANALYSIS REPORT



May 7, 1993

AM

Effluent

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	1.73
Benzene (ND)	0	0.06
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.08
Chlorodibromomethane	50***	0
Chloroethane	5	0
Chloroform	100***	0.01
Dichlorobenzene, o&p	4.7	0.15
Dichlorobenzene, o,m&p	50	0.19
1,1 Dichloroethane	5	0.03
1,2 Dichloroethane	5	0.04
1,1 Dichloroethene	0.07	0
cis-1,2 Dichloroethene	5	0.45
trans-1,2 Dichloroethene	5	0
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.02
Methylene Chloride	5	0.03
Tetrachloroethene	0.7	0.71
Toluene	5	0.01
1,1,1 Trichloroethane	5	0
Trichloroethylene	5	0.07
Vinyl Chloride	1	0
Xylene, o	5	0.03
Xylene, m&p	5	0.01
Xylene, o,m&p	50	0.04
fourTrhalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Current Discharge and modified by 11/10/90 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trhalomethanes shall not exceed 100 ug/l.

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



May 10, 1993

AM

Influent

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	217.87
Benzene (ND)	0	5
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	1.03
Chlorodibromomethane	50***	0
Chloroethane	5	1.35
Chloroform	100***	0.81
Dichlorobenzene, o&p	4.7	3.22
Dichlorobenzene, o,m&p	50	3.63
1,1 Dichloroethane	5	6.41
1,2 Dichloroethane	5	0.1
1,1 Dichloroethene	0.07	0.25
cis-1,2 Dichloroethene	5	37.99
trans-1,2 Dichloroethene	6	0.66
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.36
Methylene Chloride	5	2.72
Tetrachloroethene	0.7	135.22
Toluene	6	0.29
1,1,1 Trichloroethane	5	1.92
Trichloroethylene	5	11.37
Vinyl Chloride	1	6.38
Xylene, o	5	2.11
Xylene, m&p	5	0.29
Xylene, o,m&p	50	2.4
fourTrihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/90 letter to the Town.

** Compounds exceeding allowable 1,1,1,2,2,2-HFC concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility
ORGANICS ANALYSIS REPORT

May 10, 1993

AM

Effluent

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	1.28
Benzene (ND)	0	0.06
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.07
Chlorodibromomethane	50***	0
Chloroethane	5	0
Chloroform	100***	0.02
Dichlorobenzene, o&p	4.7	0.12
Dichlorobenzene, o,m&p	50	0.15
1,1 Dichloroethane	5	0.01
1,2 Dichloroethane	5	0.08
1,1 Dichloroethene	0.07	0
cis-1,2 Dichloroethene	5	0.3
trans-1,2 Dichloroethene	5	0
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.1
Methylene Chloride	5	0.02
Tetrachloroethene	0.7	0.38
Toluene	5	0.02
1,1,1 Trichloroethane	5	0.01
Trichloroethylene	5	0.04
Vinyl Chloride	1	0
Xylene, o	5	0.06
Xylene, m&p	5	0.01
Xylene, o,m&p	50	0.07
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/99 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



May 12, 1993

AM

influent

Chemical Constituent	Concentration	
	Allowed * (ug/l)	Measured ** (ug/l)
Total VOCs	100	238
Benzene (ND)	0	5.51
Bromodichloromethane	60***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	1.09
Chlorodibromomethane	50***	0
Chloroethane	5	1.67
Chloroform	100***	0.8
Dichlorobenzene, o&p	4.7	3.55
Dichlorobenzene, o,m&p	50	3.88
1,1 Dichloroethane	5	6.91
1,2 Dichloroethane	5	0.24
1,1 Dichloroethene	0.07	0.41
cis-1,2 Dichloroethene	5	41.08
trans-1,2 Dichloroethene	6	0.67
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.34
Methylene Chloride	5	2.93
Tetrachloroethene	0.7	147.39
Toluene	5	0.26
1,1,1 Trichloroethane	5	1.91
Trichloroethylene	5	12.31
Vinyl Chloride	1	7.88
Xylene, o	5	2.5
Xylene, m&p	5	0.23
Xylene, o,m&p	50	2.73
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/90 letter to the Town.

** Compounds exceeding allowable PCE & TCE concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF Oyster Bay

Department of Public Works
Groundwater Treatment Facility
ORGANICS ANALYSIS REPORT

May 12, 1993

AM

Effluent

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	1.14
Benzene (ND)	0	0.06
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.08
Chlorodibromomethane	50***	0
Chloroethane	5	0
Chloroform	100***	0.02
Dichlorobenzene, o&p	4.7	0.14
Dichlorobenzene, o,m&p	50	0.18
1,1 Dichloroethane	5	0.02
1,2 Dichloroethane	5	0.03
1,1 Dichloroethene	0.07	0
cis-1,2 Dichloroethene	5	0.35
trans-1,2 Dichloroethene	5	0
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.02
Methylene Chloride	5	0.02
Tetrachloroethene	0.7	0.23
Toluene	5	0.02
1,1,1 Trichloroethane	5	0.01
Trichloroethylene	5	0.05
Vinyl Chloride	1	0
Xylene, o	5	0.04
Xylene, m&p	5	0.02
Xylene, o,m&p	50	0.06
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/90 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility
ORGANICS ANALYSIS REPORT



May 14, 1983

AM

Influent

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	205.07
Benzene (ND)	0	4.17
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.59
Chlorodibromomethane	50***	0
Chloroethane	5	1.38
Chloroform	100***	1.07
Dichlorobenzene, o&p	4.7	2.47
Dichlorobenzene, o,m&p	50	2.64
1,1 Dichloroethane	5	7.54
1,2 Dichloroethane	5	0.67
1,1 Dichloroethene	0.07	0.19
cis-1,2 Dichloroethene	5	33.45
trans-1,2 Dichloroethene	5	1.03
1,2 Dichloropropane	5	0
Ethylbenzene	5	0
Methylene Chloride	5	5.15
Tetrachloroethene	0.7	129.73
Toluene	5	0.06
1,1,1 Trichloroethane	5	2.69
Trichloroethylene	5	11.57
Vinyl Chloride	1	3.06
Xylene, o	5	0.04
Xylene, m&p	5	0.04
Xylene, o,m&p	50	0.08
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the General Order and modified by 11/10/85 letter to the Town.

** Compounds exceeding allowable MCL/MCLL concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



May 14, 1993

AM

Effluent

Chemical Constituent	Concentration	
	Allowed * (ug/l)	Measured ** (ug/l)
Total VOCs	100	1.29
Benzene (ND)	0	0.03
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.06
Chlorodibromomethane	50***	0
Chloroethane	5	0.01
Chloroform	100***	0.01
Dichlorobenzene, o&p	4.7	0.12
Dichlorobenzene, o,m&p	50	0.15
1,1 Dichloroethane	5	0.03
1,2 Dichloroethane	5	0.06
1,1 Dichloroethene	0.07	0
cis-1,2 Dichloroethene	5	0.25
trans-1,2 Dichloroethene	5	0
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.01
Methylene Chloride	5	0.05
Tetrachloroethene	0.7	0.5
Toluene	5	0.02
1,1,1 Trichloroethane	5	0.04
Trichloroethylene	5	0.04
Vinyl Chloride	1	0
Xylene, o	5	0.02
Xylene, m&p	5	0.01
Xylene, o,m&p	50	0.03
fourTrihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/92 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility
ORGANICS ANALYSIS REPORT

May 17, 1993

AM

Influent

Chemical Constituent	Concentration	
	Allowed * (ug/l)	Measured ** (ug/l)
Total VOCs	100	235.84
Benzene (ND)	0	2.89
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.39
Chlorodibromomethane	50***	0
Chloroethane	5	0.55
Chloroform	100***	0.4
Dichlorobenzene, o&p	4.7	1.68
Dichlorobenzene, o,m&p	50	1.92
1,1 Dichloroethane	5	1.81
1,2 Dichloroethane	5	0.44
1,1 Dichloroethene	0.07	0.33
cis-1,2 Dichloroethene	5	12.13
trans-1,2 Dichloroethene	5	0
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.06
Methylene Chloride	5	2.81
Tetrachloroethene	0.7	194.64
Toluene	5	0.06
1,1,1 Trichloroethane	5	2.94
Trichloroethylene	5	14.29
Vinyl Chloride	1	0.1
Xylene, o	5	0.03
Xylene, m&p	5	0.06
Xylene, o,m&p	50	0.09
fourTrihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consents Decree and modified by 11/10/95 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF Oyster Bay

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



May 17, 1993

AM

Effluent

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	0.74
Benzene (ND)	0	0.03
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.02
Chlorodibromomethane	50***	0
Chloroethane	5	0
Chloroform	100***	0
Dichlorobenzene, o&p	4.7	0.14
Dichlorobenzene, o,m&p	50	0.16
1,1 Dichloroethane	5	0
1,2 Dichloroethane	5	0.02
1,1 Dichloroethene	0.07	0
cis-1,2 Dichloroethene	5	0.08
trans-1,2 Dichloroethene	5	0
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.03
Methylene Chloride	5	0
Tetrachloroethene	0.7	0.31
Toluene	5	0.01
1,1,1 Trichloroethane	5	0.01
Trichloroethylene	5	0.04
Vinyl Chloride	1	0
Xylene, o	5	0.02
Xylene, m&p	5	0.01
Xylene, o,m&p	50	0.03
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by T171020 added to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility
ORGANICS ANALYSIS REPORT



May 19, 1993

AM

Influent

Chemical Constituent	Concentration	
	Allowed * (ug/l)	Measured ** (ug/l)
Total VOCs	100	198.4
Benzene (ND)	0	3.79
Bromodichloromethane	50***	0
Bromoform	50***	0.27
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.68
Chlorodibromomethane	50***	0
Chloroethane	5	0.96
Chloroform	100***	1.06
Dichlorobenzene, o&p	4.7	2.55
Dichlorobenzene, o,m&p	50	2.78
1,1 Dichloroethane	5	7.42
1,2 Dichloroethane	5	0.6
1,1 Dichloroethene	0.07	1.55
cis-1,2 Dichloroethene	5	30.97
trans-1,2 Dichloroethene	5	0.35
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.08
Methylene Chloride	5	5.08
Tetrachloroethene	0.7	125.56
Toluene	5	0.06
1,1,1 Trichloroethane	5	2.85
Trichloroethylene	5	10.69
Vinyl Chloride	1	3.56
Xylene, o	5	0.04
Xylene, m&p	5	0.06
Xylene, o,m&p	50	0.1
four Trihalomethanes (***)	100	0

* Regulatory allowed discharge standards are specified in New York State Regulations and modified by 11/10/93 letter to the Town.

** Compounds exceeding allowable MCL/MCLL concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



May 19, 1993

AM

Effluent

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	1.56
Benzene (ND)	0	0.07
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0.01
Chlorobenzene	5	0.04
Chlorodibromomethane	50***	0
Chloroethane	5	0.01
Chloroform	100***	0.02
Dichlorobenzene, o&p	4.7	0.22
Dichlorobenzene, o,m&p	50	0.25
1,1 Dichloroethane	5	0.03
1,2 Dichloroethane	5	0.06
1,1 Dichloroethene	0.07	0
cis-1,2 Dichloroethene	5	0.38
trans-1,2 Dichloroethene	5	0.01
1,2 Dichloropropane	5	0.01
Ethylbenzene	5	0.05
Methylene Chloride	5	0.03
Tetrachloroethene	0.7	0.32
Toluene	5	0.04
1,1,1 Trichloroethane	5	0.03
Trichloroethylene	5	0.07
Vinyl Chloride	1	0.01
Xylene, o	5	0.1
Xylene, m&p	5	0.02
Xylene, o,m&p	50	0.12
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the General Orders and modified by 11709a laws to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



May 21, 1993

AM

Influent

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	229.51
Benzene (ND)	0	4.71
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.75
Chlorodibromomethane	50***	0
Chloroethane	5	1.36
Chloroform	100***	0
Dichlorobenzene, o&p	4.7	2.45
Dichlorobenzene, o,m&p	50	3.19
1,1 Dichloroethane	5	7.9
1,2 Dichloroethane	5	0.7
1,1 Dichloroethene	0.07	3.95
cis-1,2 Dichloroethene	5	37.26
trans-1,2 Dichloroethene	5	0.07
1,2 Dichloropropane	5	0
Ethylbenzene	5	0
Methylene Chloride	5	5.64
Tetrachloroethene	0.7	142.39
Toluene	5	0.07
1,1,1 Trichloroethane	5	3.43
Trichloroethylene	5	11.98
Vinyl Chloride	1	3.96
Xylene, o	5	2.11
Xylene, m&p	5	0.04
Xylene, o,m&p	50	2.15
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Current Discharge and modified by LULUAs sent to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



May 21, 1993

AM

Effluent

Chemical Constituent	Concentration	
	Allowed * (ug/l)	Measured ** (ug/l)
Total VOCs	100	2.2
Benzene (ND)	0	0.04
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.05
Chlorodibromomethane	50***	0
Chloroethane	5	0
Chloroform	100***	0.01
Dichlorobenzene, o&p	4.7	0.09
Dichlorobenzene, o,m&p	50	0.11
1,1 Dichloroethane	5	0.03
1,2 Dichloroethane	5	0.07
1,1 Dichloroethene	0.07	0
cis-1,2 Dichloroethene	5	0.25
trans-1,2 Dichloroethene	5	0
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.01
Methylene Chloride	5	0.02
Tetrachloroethene	0.7	1.47
Toluene	5	0.01
1,1,1 Trichloroethane	5	0.03
Trichloroethylene	5	0.07
Vinyl Chloride	1	0
Xylene, o	5	0.02
Xylene, m&p	5	0.01
Xylene, o,m&p	50	0.03
fourTrihalomethanes (***)	100	0

* Regulatory allowed discharge concentrations are specified in New York State Environmental Conservation Law and modified by 11/10/88 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



May 24, 1993

AM

Influent

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	232.5
Benzene (ND)	0	4.59
Bromodichloromethane	50***	0
Bromoform	50***	0.19
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.63
Chlorodibromomethane	50***	0
Chloroethane	5	1.24
Chloroform	100***	0
Dichlorobenzene, o&p	4.7	2.6
Dichlorobenzene, o,m&p	50	2.67
1,1 Dichloroethane	5	7.49
1,2 Dichloroethane	5	0.47
1,1 Dichloroethene	0.07	9.13
cis-1,2 Dichloroethene	5	36.36
trans-1,2 Dichloroethene	5	0.75
1,2 Dichloropropane	5	0
Ethylbenzene	5	0
Methylene Chloride	5	6.95
Tetrachloroethene	0.7	141.6
Toluene	5	0.08
1,1,1 Trichloroethane	5	2.99
Trichloroethylene	5	11.83
Vinyl Chloride	1	3.41
Xylene, o	5	1.97
Xylene, m&p	5	0.05
Xylene, o,m&p	50	2.02
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and imposed by U.S.D.C. Order to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility
ORGANICS ANALYSIS REPORT



May 24, 1993

AM

Effluent

Chemical Constituent	Concentration	
	Allowed * (ug/l)	Measured ** (ug/l)
Total VOCs	100	2.21
Benzene (ND)	0	0.11
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0.03
Chlorobenzene	5	0.04
Chlorodibromomethane	50***	0
Chloroethane	5	0.02
Chloroform	100***	0
Dichlorobenzene, o&p	4.7	0.14
Dichlorobenzene, o,m&p	50	0.18
1,1 Dichloroethane	5	0.06
1,2 Dichloroethane	5	0.1
1,1 Dichloroethene	0.07	0.02
cis-1,2 Dichloroethene	5	0.31
trans-1,2 Dichloroethene	5	0.03
1,2 Dichloropropane	5	0.03
Ethylbenzene	5	0.05
Methylene Chloride	5	0.06
Tetrachloroethene	0.7	0.85
Toluene	5	0.05
1,1,1 Trichloroethane	5	0.07
Trichloroethylene	5	0.09
Vinyl Chloride	1	0.01
Xylene, o	5	0.06
Xylene, m&p	5	0.04
Xylene, o,m&p	50	0.1
fourTrihalomethanes (***)	100	0

* Regulatory chemical standards are specified in the Chemical Element and modified by 11/10/90 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility
ORGANICS ANALYSIS REPORT



May 26, 1993

AM

Influent

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	225.23
Benzene (ND)	0	4.38
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.74
Chlorodibromomethane	50***	0
Chloroethane	5	0.87
Chloroform	100***	0
Dichlorobenzene, o&p	4.7	2.44
Dichlorobenzene, o,m&p	50	3.09
1,1 Dichloroethane	5	7.07
1,2 Dichloroethane	5	0.4
1,1 Dichloroethene	0.07	16.57
cis-1,2 Dichloroethene	5	34.22
trans-1,2 Dichloroethene	5	0.22
1,2 Dichloropropane	5	0
Ethylbenzene	5	0
Methylene Chloride	5	7.07
Tetrachloroethene	0.7	131.46
Toluene	5	0.07
1,1,1 Trichloroethane	5	2.67
Trichloroethylene	5	10.91
Vinyl Chloride	1	3.48
Xylene, o	5	1.99
Xylene, m&p	5	0.04
Xylene, o,m&p	50	2.03
four Trihalomethanes (***)	100	0

* Respiratory silicosis challenge standards are specified in the Current Bureau and modified by F11050 later to the Town.

** Compounds exceeding allowable F11050 concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF Oyster Bay

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



May 26, 1993

AM

Effluent

Chemical Constituent	Concentration	
	Allowed * (ug/l)	Measured ** (ug/l)
Total VOCs	100	1.66
Benzene (ND)	0	0.06
Bromodichloromethane	50***	0.01
Bromoform	50***	0
Carbon Tetrachloride	5	0.02
Chlorobenzene	5	0.04
Chlorodibromomethane	50***	0
Chloroethane	5	0
Chloroform	100***	0.04
Dichlorobenzene, o&p	4.7	0.16
Dichlorobenzene, o,m&p	50	0.18
1,1 Dichloroethane	5	0.05
1,2 Dichloroethane	5	0.09
1,1 Dichloroethene	0.07	0.02
cis-1,2 Dichloroethene	5	0.32
trans-1,2 Dichloroethene	5	0.03
1,2 Dichloropropane	5	0.02
Ethylbenzene	5	0.03
Methylene Chloride	5	0.09
Tetrachloroethene	0.7	0.34
Toluene	5	0.03
1,1,1 Trichloroethane	5	0.04
Trichloroethylene	5	0.07
Vinyl Chloride	1	0
Xylene, o	5	0.04
Xylene, m&p	5	0.03
Xylene, o,m&p	50	0.07
fourTrihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Current Chapter and modified by 11/10/92 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility
ORGANICS ANALYSIS REPORT



May 28, 1993

AM

Influent

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	266.56
Benzene (ND)	0	5.92
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.87
Chlorodibromomethane	50***	0
Chloroethane	5	1.11
Chloroform	100***	0.63
Dichlorobenzene, o&p	4.7	1.94
Dichlorobenzene, o,m&p	50	2.03
1,1 Dichloroethane	5	7.74
1,2 Dichloroethane	5	0.48
1,1 Dichloroethene	0.07	0.69
cis-1,2 Dichloroethene	5	45.38
trans-1,2 Dichloroethene	5	0.38
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.08
Methylene Chloride	5	6.17
Tetrachloroethene	0.7	171.97
Toluene	5	0.1
1,1,1 Trichloroethane	5	2.61
Trichloroethylene	5	14.17
Vinyl Chloride	1	3.74
Xylene, o	5	2.44
Xylene, m&p	5	0.05
Xylene, o,m&p	50	2.49
four Trihalomethanes (***)	100	0

* Regulatory without discharge standards as specified in the Consent Decree and modified by T-1000 Order to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



May 28, 1993

AM

Effluent

Chemical Constituent	Concentration	
	Allowed * (ug/l)	Measured ** (ug/l)
Total VOCs	100	1.33
Benzene (ND)	0	0.05
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.03
Chlorodibromomethane	50***	0
Chloroethane	5	0
Chloroform	100***	0.01
Dichlorobenzene, o&p	4.7	0.12
Dichlorobenzene, o,m&p	50	0.15
1,1 Dichloroethane	5	0.03
1,2 Dichloroethane	5	0.07
1,1 Dichloroethene	0.07	0
cis-1,2 Dichloroethene	5	0.4
trans-1,2 Dichloroethene	5	0
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.01
Methylene Chloride	5	0.03
Tetrachloroethene	0.7	0.41
Toluene	5	0.03
1,1,1 Trichloroethane	5	0.02
Trichloroethylene	5	0.05
Vinyl Chloride	1	0
Xylene, o	5	0.03
Xylene, m&p	5	0.01
Xylene, o,m&p	50	0.04
fourTrihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/92 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



Jun 2, 1993

AM

Influent

Chemical Constituent	Concentration	
	Allowed * (ug/l)	Measured ** (ug/l)
Total VOCs	100	272.08
Benzene (ND)	0	6.03
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.93
Chlorodibromomethane	50***	0
Chloroethane	5	1.14
Chloroform	100***	0.94
Dichlorobenzene, o&p	4.7	2.08
Dichlorobenzene, o,m&p	50	2.14
1,1 Dichloroethane	5	7.47
1,2 Dichloroethane	5	0.48
1,1 Dichloroethene	0.07	0.56
cis-1,2 Dichloroethene	5	46.01
trans-1,2 Dichloroethene	5	0.58
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.06
Methylene Chloride	5	5.27
Tetrachloroethene	0.7	176.81
Toluene	5	0.08
1,1,1 Trichloroethane	5	2.53
Trichloroethylene	5	14.71
Vinyl Chloride	1	3.87
Xylene, o	5	2.43
Xylene, m&p	5	0.04
Xylene, o,m&p	50	2.47
four Trihalomethanes (***)	100	0

* Regulatory allowed discharge standards as specified in the Groundwater Protection and Remediation Act of 1990 (GWR) and adopted by L11/1990 as part of the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



Jun 2, 1993

AM

Effluent

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	1.75
Benzene (ND)	0	0.07
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.04
Chlorodibromomethane	50***	0
Chloroethane	5	0
Chloroform	100***	0.01
Dichlorobenzene, o&p	4.7	0.22
Dichlorobenzene, o,m&p	50	0.26
1,1 Dichloroethane	5	0.04
1,2 Dichloroethane	5	0.08
1,1 Dichloroethene	0.07	0
cis-1,2 Dichloroethene	5	0.62
trans-1,2 Dichloroethene	5	0.01
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.01
Methylene Chloride	5	0.05
Tetrachloroethene	0.7	0.4
Toluene	5	0.02
1,1,1 Trichloroethane	5	0.01
Trichloroethylene	5	0.07
Vinyl Chloride	1	0.01
Xylene, o	5	0.04
Xylene, m&p	5	0.01
Xylene, o,m&p	50	0.05
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by E/10000000 to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



Jun 4, 1993

AM

Effluent

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	226.79
Benzene (ND)	0	1.35
Bromodichloromethane	50***	0
Bromotorm	50***	0.13
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.58
Chlorodibromomethane	50***	0
Chloroethane	5	2.39
Chloroform	100***	0.55
Dichlorobenzene, o&p	4.7	1.75
Dichlorobenzene, o,m&p	50	1.97
1,1 Dichloroethane	5	6.72
1,2 Dichloroethane	5	0.41
1,1 Dichloroethene	0.07	0.7
cis-1,2 Dichloroethene	5	37.07
trans-1,2 Dichloroethene	5	0.46
1,2 Dichloropropane	5	0
Ethylbenzene	5	0
Methylene Chloride	5	3.44
Tetrachloroethene	0.7	144.65
Toluene	5	0.06
1,1,1 Trichloroethane	5	2.1
Trichloroethylene	5	11.9
Vinyl Chloride	1	6.69
Xylene, o	5	0.04
Xylene, m&p	5	0.03
Xylene, o,m&p	50	0.07
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/88 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



Jun 4, 1993

AM

Effluent

Chemical Constituent	Concentration	
	Allowed * (ug/l)	Measured ** (ug/l)
Total VOCs	100	1.01
Benzene (ND)	0	0.03
Bromodichloromethane	50***	0
Bromoform	50***	0.01
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.03
Chlorodibromomethane	50***	0
Chloroethane	5	0
Chloroform	100***	0.01
Dichlorobenzene, o&p	4.7	0.11
Dichlorobenzene, o,m&p	50	0.12
1,1 Dichloroethane	5	0.03
1,2 Dichloroethane	5	0.06
1,1 Dichloroethene	0.07	0
cis-1,2 Dichloroethene	5	0.3
trans-1,2 Dichloroethene	5	0
1,2 Dichloropropane	5	0
Ethylbenzene	5	0
Methylene Chloride	5	0.05
Tetrachloroethene	0.7	0.28
Toluene	5	0.01
1,1,1 Trichloroethane	5	0.01
Trichloroethylene	5	0.04
Vinyl Chloride	1	0
Xylene, o	5	0.02
Xylene, m&p	5	0.01
Xylene, o,m&p	50	0.03
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/92 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



Jun 7, 1993

AW

Influent

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	211.54
Benzene (ND)	0	1.73
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.38
Chlorodibromomethane	50***	0
Chloroethane	5	1.31
Chloroform	100***	0.75
Dichlorobenzene, o&p	4.7	1.69
Dichlorobenzene, o,m&p	50	1.91
1,1 Dichloroethane	5	6.6
1,2 Dichloroethane	5	0.44
1,1 Dichloroethene	0.07	0.46
cis-1,2 Dichloroethene	5	35.89
trans-1,2 Dichloroethene	5	0.35
1,2 Dichloropropane	5	0
Ethylbenzene	5	0
Methylene Chloride	5	3.21
Tetrachloroethene	0.7	135.23
Toluene	5	0.07
1,1,1 Trichloroethane	5	1.77
Trichloroethylene	5	11.85
Vinyl Chloride	1	4.33
Xylene, o	5	0.04
Xylene, m&p	5	0.04
Xylene, o,m&p	50	0.08
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/88 letter to the Town

** Compounds exceeding allowable EFFLUENT concentrations are highlighted

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

TOWN OF OYSTER DAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



Jun 7, 1993

AM

Effluent

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	2.72
Benzene (ND)	0	0.1
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.03
Chlorodibromomethane	50***	0
Chloroethane	5	0
Chloroform	100***	0.02
Dichlorobenzene, o&p	4.7	0.28
Dichlorobenzene, o,m&p	50	0.3
1,1 Dichloroethane	5	0.08
1,2 Dichloroethane	5	0.12
1,1 Dichloroethene	0.07	0
cis-1,2 Dichloroethene	5	0.94
trans-1,2 Dichloroethene	5	0
1,2 Dichloropropane	5	0
Ethylbenzene	5	0
Methylene Chloride	5	0.11
Tetrachloroethene	0.7	0.77
Toluene	5	0.07
1,1,1 Trichloroethane	5	0.02
Trichloroethylene	5	0.1
Vinyl Chloride	1	0.01
Xylene, o	5	0.03
Xylene, m&p	5	0.02
Xylene, o,m&p	50	0.06
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/90 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility

ORGANIC ANALYSIS REPORT



Jun 9 1993

AM

Influent

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	255.2
Benzene (ND)	0	3.45
Bromodichloromethane	50***	0
Bromoform	50***	0.26
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.36
Chlorodibromomethane	50***	0
Chloroethane	5	0.65
Chloroform	100***	0.36
Dichlorobenzene, o&p	4.7	1.52
Dichlorobenzene, o.m&p	50	1.67
1,1 Dichloroethane	5	1.59
1,2 Dichloroethane	5	0.35
1,1 Dichloroethene	0.07	0.37
cis-1,2 Dichloroethene	5	14.48
trans-1,2 Dichloroethene	5	0.4
1,2 Dichloropropane	5	0
Ethylbenzene	5	0
Methylene Chloride	5	3.52
Tetrachloroethene	0.7	210.09
Toluene	5	0.05
1,1,1 Trichloroethane	5	1.94
Trichloroethylene	5	15.04
Vinyl Chloride	1	0.55
Xylene, o	5	0.04
Xylene, m&p	5	0.03
Xylene, o,m&p	50	0.07
fourTrihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/88 letter to the Town

** Compounds exceeding allowable EFFLUENT concentrations are highlighted

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



Jun 9, 1993

AM

Effluent

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	0.47
Benzene (ND)	0	0.03
Bromodichloromethane	50***	0
Bromoform	50***	0.01
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.01
Chlorodibromomethane	50***	0
Chloroethane	5	0
Chloroform	100***	0
Dichlorobenzene, o&p	4.7	0.11
Dichlorobenzene, o,m&p	50	0.13
1,1 Dichloroethane	5	0.01
1,2 Dichloroethane	5	0.02
1,1 Dichloroethene	0.07	0
cis-1,2 Dichloroethene	5	0.04
trans-1,2 Dichloroethene	5	0
1,2 Dichloropropane	5	0
Ethylbenzene	5	0
Methylene Chloride	5	0.01
Tetrachloroethene	0.7	0.12
Toluene	5	0.03
1,1,1 Trichloroethane	5	0
Trichloroethylene	5	0.02
Vinyl Chloride	1	0.01
Xylene, o	5	0.01
Xylene, m&p	5	0.02
Xylene, o,m&p	50	0.03
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/92 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility
ORGANICS ANALYSIS REPORT



Jun 10, 1993

AM

Influent

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	253.39
Benzene (ND)	0	5.39
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.61
Chlorodibromomethane	50***	0
Chloroethane	5	1.3
Chloroform	100***	1.16
Dichlorobenzene, o&p	4.7	1.6
Dichlorobenzene, o,m&p	50	1.65
1,1 Dichloroethane	5	5.05
1,2 Dichloroethane	5	0.65
1,1 Dichloroethene	0.07	0.1
cis-1,2 Dichloroethene	5	41.49
trans-1,2 Dichloroethene	5	0.17
1,2 Dichloropropane	5	0
Ethylbenzene	5	0
Methylene Chloride	5	3.73
Tetrachloroethene	0.7	171.87
Toluene	5	0.07
1,1,1 Trichloroethane	5	2.06
Trichloroethylene	5	13.82
Vinyl Chloride	1	4.19
Xylene, o	5	0.04
Xylene, m&p	5	0.04
Xylene, o,m&p	50	0.08
fourTrihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by H11020 letter to the Town.

** Compounds exceeding allowable 1-1-1-1-1-1 concentrations are highlighted

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



Jun 10, 1993

AM

Effluent

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	1.74
Benzene (ND)	0	0.07
Bromodichloromethane	50***	0
Bromoform	50***	0.01
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.04
Chlorodibromomethane	50***	0
Chloroethane	5	0
Chloroform	100***	0.02
Dichlorobenzene, o&p	4.7	0.22
Dichlorobenzene, o,m&p	50	0.24
1,1 Dichloroethane	5	0.04
1,2 Dichloroethane	5	0.06
1,1 Dichloroethene	0.07	0
cis-1,2 Dichloroethene	5	0.59
trans-1,2 Dichloroethene	5	0
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.02
Methylene Chloride	5	0.07
Tetrachloroethene	0.7	0.41
Toluene	5	0.03
1,1,1 Trichloroethane	5	0.01
Trichloroethylene	5	0.08
Vinyl Chloride	1	0
Xylene, o	5	0.03
Xylene, m&p	5	0.02
Xylene, o,m&p	50	0.05
four Trihalomethanes (***)	100	0

* Regulatory allowed discharge standards as specified in the General Orders and modified by 11/10/93 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility
ORGANICS ANALYSIS REPORT



Jun 14, 1993

AM

Influent

Chemical Constituent	Concentration	
	Allowed * (ug/l)	Measured ** (ug/l)
Total VOCs	100	263.31
Benzene (ND)	0	5.8
Bromodichloromethane	50***	0
Bromoform	50***	0.05
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.71
Chlorodibromomethane	50***	0
Chloroethane	5	1.18
Chloroform	100***	1.14
Dichlorobenzene, o&p	4.7	3.69
Dichlorobenzene, o,m&p	50	3.78
1,1 Dichloroethane	5	4.99
1,2 Dichloroethane	5	0.38
1,1 Dichloroethene	0.07	0.27
cis-1,2 Dichloroethene	5	43.54
trans-1,2 Dichloroethene	5	0.11
1,2 Dichloropropane	5	0
Ethylbenzene	5	0
Methylene Chloride	5	2.97
Tetrachloroethene	0.7	177.83
Toluene	5	0.07
1,1,1 Trichloroethane	5	2.4
Trichloroethylene	5	14.26
Vinyl Chloride	1	3.68
Xylene, o	5	0.04
Xylene, m&p	5	0.05
Xylene, o,m&p	50	0.09
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/92 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

BOARD OF WATER SUPPLY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



Jun 14, 1993

AM

Effluent

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	1.7
Benzene (ND)	0	0.06
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.03
Chlorodibromomethane	50***	0
Chloroethane	5	0
Chloroform	100***	0.01
Dichlorobenzene, o&p	4.7	0.22
Dichlorobenzene, o,m&p	50	0.26
1,1 Dichloroethane	5	0.03
1,2 Dichloroethane	5	0.05
1,1 Dichloroethene	0.07	0
cis-1,2 Dichloroethene	5	0.55
trans-1,2 Dichloroethene	5	0
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.03
Methylene Chloride	5	0.02
Tetrachloroethene	0.7	0.51
Toluene	5	0.03
1,1,1 Trichloroethane	5	0.01
Trichloroethylene	5	0.06
Vinyl Chloride	1	0.01
Xylene, o	5	0.03
Xylene, m&p	5	0.01
Xylene, o,m&p	50	0.04
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Current Decree and modified by E.P.A. Order to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



Jun 16, 1993

AM

Influent

Chemical Constituent	Concentration	
	Allowed * (ug/l)	Measured ** (ug/l)
Total VOCs	100	261.8
Benzene (ND)	0	5.87
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.7
Chlorodibromomethane	50***	0
Chloroethane	5	0.95
Chloroform	100***	0.79
Dichlorobenzene, o&p	4.7	3.76
Dichlorobenzene, o,m&p	50	3.82
1,1 Dichloroethane	5	4.67
1,2 Dichloroethane	5	0.24
1,1 Dichloroethene	0.07	0.4
cis-1,2 Dichloroethene	5	43.58
trans-1,2 Dichloroethene	5	0.18
1,2 Dichloropropane	5	0
Ethylbenzene	5	0
Methylene Chloride	5	3.86
Tetrachloroethene	0.7	176.72
Toluene	5	0.08
1,1,1 Trichloroethane	5	1.58
Trichloroethylene	5	14.13
Vinyl Chloride	1	4.14
Xylene, o	5	0.05
Xylene, m&p	5	0.04
Xylene, o,m&p	50	0.09
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/92 letter to the Town.

** Compounds exceeding allowable CRFL/CHT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility
ORGANICS ANALYSIS REPORT



Jun 16, 1993

AM

Effluent

Chemical Constituent	Concentration	
	Allowed * (ug/l)	Measured ** (ug/l)
Total VOCs	100	1.32
Benzene (ND)	0	0.06
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.03
Chlorodibromomethane	50***	0
Chloroethane	5	0.01
Chloroform	100***	0.03
Dichlorobenzene, o&p	4.7	0.24
Dichlorobenzene, o,m&p	50	0.27
1,1 Dichloroethane	5	0.02
1,2 Dichloroethane	5	0.04
1,1 Dichloroethene	0.07	0
cis-1,2 Dichloroethene	5	0.35
trans-1,2 Dichloroethene	5	0
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.03
Methylene Chloride	5	0.03
Tetrachloroethene	0.7	0.27
Toluene	5	0.05
1,1,1 Trichloroethane	5	0.01
Trichloroethylene	5	0.06
Vinyl Chloride	1	0
Xylene, o	5	0.03
Xylene, m&p	5	0.03
Xylene, o,m&p	50	0.06
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by E-1090 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



Jun 18, 1983

AM

Influent

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	252.23
Benzene (ND)	0	4.29
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.78
Chlorodibromomethane	50***	0
Chloroethane	5	2.36
Chloroform	100***	1.62
Dichlorobenzene, o&p	4.7	3.52
Dichlorobenzene, o,m&p	50	3.67
1,1 Dichloroethane	5	7.2
1,2 Dichloroethane	5	0.65
1,1 Dichloroethene	0.07	0.31
cis-1,2 Dichloroethene	5	31.5
trans-1,2 Dichloroethene	5	0.25
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.12
Methylene Chloride	5	10.19
Tetrachloroethene	0.7	168.4
Toluene	5	0.11
1,1,1 Trichloroethane	5	2.91
Trichloroethylene	5	12.43
Vinyl Chloride	1	5.33
Xylene, o	5	0.04
Xylene, m&p	5	0.07
Xylene, o,m&p	50	0.11
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Current Ordinance and modified by 11/10/83 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF OYSTER BAY

 Department of Public Works
 Groundwater Treatment Facility
 ORGANICS ANALYSIS REPORT


Jun 18, 1993

AM

Effluent

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	1.62
Benzene (ND)	0	0.04
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.02
Chlorodibromomethane	50***	0
Chloroethane	5	0.01
Chloroform	100***	0.03
Dichlorobenzene, o&p	4.7	0.14
Dichlorobenzene, o,m&p	50	0.15
1,1 Dichloroethane	5	0.03
1,2 Dichloroethane	5	0.08
1,1 Dichloroethene	0.07	0.01
cis-1,2 Dichloroethene	5	0.29
trans-1,2 Dichloroethene	5	0
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.02
Methylene Chloride	5	0.13
Tetrachloroethene	0.7	0.7
Toluene	5	0.02
1,1,1 Trichloroethane	5	0.02
Trichloroethylene	5	0.04
Vinyl Chloride	1	0
Xylene, o	5	0.02
Xylene, m&p	5	0.01
Xylene, o,m&p	50	0.03
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/92 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



Jun 21, 1983

AM

Influent

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	246.79
Benzene (ND)	0	4.02
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.6
Chlorodibromomethane	50***	0
Chloroethane	5	2.31
Chloroform	100***	1.4
Dichlorobenzene, o&p	4.7	3.37
Dichlorobenzene, o,m&p	50	3.59
1,1 Dichloroethane	5	6.75
1,2 Dichloroethane	5	0.65
1,1 Dichloroethene	0.07	0.43
cis-1,2 Dichloroethene	5	30.81
trans-1,2 Dichloroethene	5	0.27
1,2 Dichloropropane	5	0
Ethylbenzene	5	0
Methylene Chloride	5	10.04
Tetrachloroethene	0.7	167.52
Toluene	5	0.08
1,1,1 Trichloroethane	5	2.75
Trichloroethylene	5	11.92
Vinyl Chloride	1	3.54
Xylene, o	5	0.04
Xylene, m&p	5	0.07
Xylene, o,m&p	50	0.11
fourTrihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/85 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

TOWN OF WATER HAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



Jun 21, 1993

AM

Effluent

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	1.44
Benzene (ND)	0	0.04
Bromodichloromethane	50***	0
Bromoform	50***	0.01
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.02
Chlorodibromomethane	50***	0
Chloroethane	5	0
Chloroform	100***	0.02
Dichlorobenzene, o&p	4.7	0.15
Dichlorobenzene, o,m&p	50	0.17
1,1 Dichloroethane	5	0.02
1,2 Dichloroethane	5	0.07
1,1 Dichloroethene	0.07	0.01
cis-1,2 Dichloroethene	5	0.18
trans-1,2 Dichloroethene	5	0
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.03
Methylene Chloride	5	0.09
Tetrachloroethene	0.7	0.65
Toluene	5	0.02
1,1,1 Trichloroethane	5	0.01
Trichloroethylene	5	0.05
Vinyl Chloride	1	0.01
Xylene, o	5	0.02
Xylene, m&p	5	0.02
Xylene, o,m&p	50	0.04
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/92 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



Jun 23, 1993

AM

Influent

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	317.54
Benzene (ND)	0	7.32
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	1.17
Chlorodibromomethane	50***	0
Chloroethane	5	2.74
Chloroform	100***	1.24
Dichlorobenzene, o&p	4.7	4.76
Dichlorobenzene, o,m&p	50	4.94
1,1 Dichloroethane	5	6.67
1,2 Dichloroethane	5	0.61
1,1 Dichloroethene	0.07	1.49
cis-1,2 Dichloroethene	5	55.56
trans-1,2 Dichloroethene	5	0.23
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.08
Methylene Chloride	5	9.85
Tetrachloroethene	0.7	200.75
Toluene	5	0.12
1,1,1 Trichloroethane	5	2.17
Trichloroethylene	5	17.14
Vinyl Chloride	1	5.35
Xylene, o	5	0.07
Xylene, m&p	5	0.04
Xylene, o,m&p	50	0.11
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/88 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l

TOWN OF OYSTER HAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



Jun 23, 1993

AM

Effluent

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	1.91
Benzene (ND)	0	0.06
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.03
Chlorodibromomethane	50***	0
Chloroethane	5	0
Chloroform	100***	0.02
Dichlorobenzene, o&p	4.7	0.25
Dichlorobenzene, o,m&p	50	0.3
1,1 Dichloroethane	5	0.03
1,2 Dichloroethane	5	0.08
1,1 Dichloroethene	0.07	0
cis-1,2 Dichloroethene	5	0.62
trans-1,2 Dichloroethene	5	0
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.01
Methylene Chloride	5	0.13
Tetrachloroethene	0.7	0.49
Toluene	5	0.01
1,1,1 Trichloroethane	5	0.01
Trichloroethylene	5	0.06
Vinyl Chloride	1	0.01
Xylene, o	5	0.04
Xylene, m&p	5	0.01
Xylene, o,m&p	50	0.05
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/92 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility
ORGANICS ANALYSIS REPORT



Jun 25, 1993

AM

Influent

Chemical Constituent	Concentration	
	Allowed * (ug/l)	Measured ** (ug/l)
Total VOCs	100	168.48
Benzene (ND)	0	3.77
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0.06
Chlorobenzene	5	0.88
Chlorodibromomethane	50***	0
Chloroethane	5	0.21
Chloroform	100***	2.86
Dichlorobenzene, o&p	4.7	3.55
Dichlorobenzene, o,m&p	50	3.75
1,1 Dichloroethane	5	6.13
1,2 Dichloroethane	5	0.55
1,1 Dichloroethene	0.07	0.09
cis-1,2 Dichloroethene	5	29.99
trans-1,2 Dichloroethene	5	0.16
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.22
Methylene Chloride	5	0.14
Tetrachloroethane	0.7	108.77
Toluene	5	0.19
1,1,1 Trichloroethane	5	1.47
Trichloroethylene	5	9.02
Vinyl Chloride	1	0
Xylene, o	5	0.05
Xylene, m&p	5	0.17
Xylene, o,m&p	50	0.22
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 1410000 laws of the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report



Department of Public Works
 Sewer/Water Treatment Facility
 1000 12th Avenue, Buffalo, NY 14203

Jun 25, 1993

AM

Effluent

Chemical Constituent	Concentration	
	Allowed * (ug/l)	Measured ** (ug/l)
Total VOCs	100	1.42
Benzene (ND)	0	0
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0.01
Chlorobenzene	5	0.03
Chlorodibromomethane	50***	0
Chloroethane	5	0.01
Chloroform	100***	0.03
Dichlorobenzene, o&p	4.7	0.19
Dichlorobenzene, o,m&p	50	0.21
1,1 Dichloroethane	5	0.03
1,2 Dichloroethane	5	0.08
1,1 Dichloroethene	0.07	0
cis-1,2 Dichloroethene	5	0.2
trans-1,2 Dichloroethene	5	0
1,2 Dichloropropane	5	0.03
Ethylbenzene	5	0.05
Methylene Chloride	5	0.04
Tetrachloroethene	0.7	0.5
Toluene	5	0.06
1,1,1 Trichloroethane	5	0.03
Trichloroethylene	5	0.06
Vinyl Chloride	1	0
Xylene, o	5	0.02
Xylene, m&p	5	0.03
Xylene, o,m&p	50	0.05
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consents to Discharge and modified by DDES/DES rules to the extent.

** Compounds exceeding allowable DDES/DES concentration are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility
ORGANICS ANALYSIS REPORT



Jun 28, 1993

AM

Influent

Chemical Constituent	Concentration	
	Allowed * (ug/l)	Measured ** (ug/l)
Total VOCs	100	184.53
Benzene (ND)	0	4.49
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.95
Chlorodibromomethane	50***	0
Chloroethane	5	1.75
Chloroform	100***	1
Dichlorobenzene, o&p	4.7	9.68
Dichlorobenzene, o,m&p	50	3.9
1,1 Dichloroethane	5	5.97
1,2 Dichloroethane	5	0.53
1,1 Dichloroethene	0.07	0.32
cis-1,2 Dichloroethene	5	33.31
trans-1,2 Dichloroethene	5	0.26
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.16
Methylene Chloride	5	8.35
Tetrachloroethene	0.7	108.81
Toluene	5	0.13
1,1,1 Trichloroethane	5	1.67
Trichloroethylene	5	8.61
Vinyl Chloride	1	3.27
Xylene, o	5	0.05
Xylene, m&p	5	0.11
Xylene, o,m&p	50	0.16
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in New York State Department of Environmental Conservation and modified by 11/10/93 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

RAWLINS COUNTY, OKLA.

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



Jun 28, 1993

AM

Effluent

Chemical Constituent	Concentration	
	Allowed * (ug/l)	Measured ** (ug/l)
Total VOCs	100	3.6
Benzene (ND)	0	0.16
Bromodichloromethane	50***	0.04
Bromoform	50***	0
Carbon Tetrachloride	5	0.06
Chlorobenzene	5	0.11
Chlorodibromomethane	50***	0
Chloroethane	5	0.03
Chloroform	100***	0.13
Dichlorobenzene, o&p	4.7	0.39
Dichlorobenzene, o,m&p	50	0.47
1,1 Dichloroethane	5	0.16
1,2 Dichloroethane	5	0.16
1,1 Dichloroethene	0.07	0.02
cis-1,2 Dichloroethene	5	0.61
trans-1,2 Dichloroethene	5	0.09
1,2 Dichloropropane	5	0.07
Ethylbenzene	5	0.12
Methylene Chloride	5	0.23
Tetrachloroethene	0.7	0.57
Toluene	5	0.13
1,1,1 Trichloroethane	5	0.13
Trichloroethylene	5	0.17
Vinyl Chloride	1	0
Xylene, o	5	0.03
Xylene, m&p	5	0.11
Xylene, o,m&p	50	0.14
fourTrihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the General Orders and modified by 11/10/92 laws to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility
ORGANICS ANALYSIS REPORT



Jun 30, 1993

AM

Influent

Chemical Constituent	Concentration	
	Allowed * (ug/l)	Measured ** (ug/l)
Total VOCs	100	172.69
Benzene (ND)	0	3.55
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.7
Chlorodibromomethane	50***	0
Chloroethane	5	0.3
Chloroform	100***	2.53
Dichlorobenzene, o&p	4.7	3.06
Dichlorobenzene, o,m&p	50	3.14
1,1 Dichloroethane	5	5.26
1,2 Dichloroethane	5	0.56
1,1 Dichloroethene	0.07	0
cis-1,2 Dichloroethene	5	28.02
trans-1,2 Dichloroethene	5	0
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.06
Methylene Chloride	5	5.65
Tetrachloroethene	0.7	112.15
Toluene	5	0.06
1,1,1 Trichloroethane	5	1.06
Trichloroethylene	5	9.23
Vinyl Chloride	1	0.36
Xylene, o	5	0.04
Xylene, m&p	5	0.03
Xylene, o,m&p	50	0.07
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 141000 to assess the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/L.

Organics Analysis Report

BOARD OF SUPERVISORS

Department of Public Works
Groundwater Treatment Facility
ORGANICS ANALYSIS REPORT



Jun 30, 1993

AM

Effluent

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	1.13
Benzene (ND)	0	0.04
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.02
Chlorodibromomethane	50***	0
Chloroethane	5	0
Chloroform	100***	0.03
Dichlorobenzene, o&p	4.7	0.19
Dichlorobenzene, o,m&p	50	0.23
1,1 Dichloroethane	5	0.02
1,2 Dichloroethane	5	0.09
1,1 Dichloroethene	0.07	0
cis-1,2 Dichloroethene	5	0.31
trans-1,2 Dichloroethene	5	0
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.01
Methylene Chloride	5	0.02
Tetrachloroethene	0.7	0.24
Toluene	5	0.02
1,1,1 Trichloroethane	5	0.01
Trichloroethylene	5	0.05
Vinyl Chloride	1	0
Xylene, o	5	0.03
Xylene, m&p	5	0.01
Xylene, o,m&p	50	0.04
four Trihalomethanes (***)	100	0

* Regulatory chemical discharge standards as specified in the General Orders and modified by 11/19/92 letter to the Town.

** Compounds exceeding allowable MTHMNT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF MILLBAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



Apr 5, 1993

WELL

Jan 1, 1988

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	34.96
Benzene (ND)	0	3.05
Bromodichloromethane	50***	0.21
Bromoform	50***	0
Carbon Tetrachloride	5	0.31
Chlorobenzene	5	1.18
Chlorodibromomethane	50***	0
Chloroethane	5	1.57
Chloroform	100***	0.8
Dichlorobenzene, o&p	4.7	4.19
Dichlorobenzene, o,m&p	50	4.71
1,1 Dichloroethane	5	2.39
1,2 Dichloroethane	5	0.56
1,1 Dichloroethene	0.07	0.25
cis-1,2 Dichloroethene	5	6.33
trans-1,2 Dichloroethene	5	0.53
1,2 Dichloropropane	5	0.54
Ethylbenzene	5	0.6
Methylene Chloride	5	1.56
Tetrachloroethene	0.7	2.25
Toluene	5	0.36
1,1,1 Trichloroethane	5	0.89
Trichloroethylene	5	1.78
Vinyl Chloride	1	4.3
Xylene, o	5	0.42
Xylene, m&p	5	0.39
Xylene, o,m&p	50	0.81
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/88 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



Apr 5, 1993

WELL

Jan 2, 1988

Chemical Constituent	Concentration	
	Allowed * (ug/l)	Measured ** (ug/l)
Total VOCs	100	34.12
Benzene (ND)	0	2.2
Bromodichloromethane	60***	0
Bromoform	50***	0
Carbon Tetrachloride	6	0
Chlorobenzene	5	1.35
Chlorodibromomethane	50***	0
Chloroethane	5	2.11
Chloroform	100***	0.44
Dichlorobenzene, o&p	4.7	4.9
Dichlorobenzene, o,m&p	50	5.24
1,1 Dichloroethane	5	3.85
1,2 Dichloroethane	5	0.21
1,1 Dichloroethene	0.07	0.13
cis-1,2 Dichloroethene	5	9.31
trans-1,2 Dichloroethene	5	0.32
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.29
Methylene Chloride	5	1.59
Tetrachloroethene	0.7	1.63
Toluene	6	0.08
1,1,1 Trichloroethane	5	1.12
Trichloroethylene	5	1.85
Vinyl Chloride	1	1.91
Xylene, o	5	0.42
Xylene, m&p	5	0.07
Xylene, o,m&p	50	0.49
fourTrihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/88 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



Apr 5, 1983

WELL

Jan 3, 1982

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	367.72
Benzene (ND)	0	14.03
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	2.14
Chlorodibromomethane	50***	0
Chloroethane	5	8.4
Chloroform	100***	5.86
Dichlorobenzene, o&p	4.7	4.51
Dichlorobenzene, o,m&p	50	5.56
1,1 Dichloroethane	5	37.01
1,2 Dichloroethane	5	1.39
1,1 Dichloroethene	0.07	2.36
cis-1,2 Dichloroethene	5	185.53
trans-1,2 Dichloroethene	5	2.19
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.51
Methylene Chloride	5	12.44
Tetrachloroethene	0.7	45.36
Toluene	5	0.6
1,1,1 Trichloroethane	5	7.78
Trichloroethylene	5	14.2
Vinyl Chloride	1	31.91
Xylene, o	5	9.52
Xylene, m&p	5	0.44
Xylene, o,m&p	50	9.98
fourTrihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/18/80 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

PROJECT NO. 101-1-100

Department of Public Works
Groundwater Treatment Facility
ORGANICS ANALYSIS REPORT



Apr 5, 1993

WELL

Jan 4, 1992

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	322.62
Benzene (ND)	0	0.78
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.03
Chlorodibromomethane	50***	0
Chloroethane	5	0
Chloroform	100***	1.26
Dichlorobenzene, o&p	4.7	7.26
Dichlorobenzene, o,m&p	50	7.47
1,1 Dichloroethane	5	0.98
1,2 Dichloroethane	5	0.24
1,1 Dichloroethene	0.07	0
cis-1,2 Dichloroethene	5	12.44
trans-1,2 Dichloroethene	5	0
1,2 Dichloropropane	5	0
Ethylbenzene	5	0
Methylene Chloride	5	3.37
Tetrachloroethene	0.7	280.1
Toluene	5	0.05
1,1,1 Trichloroethane	5	1.03
Trichloroethylene	5	4
Vinyl Chloride	1	0.79
Xylene, o	5	0.07
Xylene, m&p	5	0.03
Xylene, o,m&p	50	0.1
four Trihalomethanes (***)	100	0

* Regulatory chemical discharge standards as specified in the General Powers and modified by 1/10/92 letter to the Town.

** Compounds exceeding allowable HEALTHY concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



Apr 6, 1998

WELL

Jan 6, 1999

Chemical Constituent	Concentration	
	Allowed * (ug/l)	Measured ** (ug/l)
Total VOCs	100	707.96
Benzene (ND)	0	11.69
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0.76
Chlorobenzene	5	5.47
Chlorodibromomethane	50***	0
Chloroethane	5	0
Chloroform	100***	2.7
Dichlorobenzene, o&p	4.7	4.26
Dichlorobenzene, o,m&p	50	6.03
1,1 Dichloroethane	5	1.32
1,2 Dichloroethane	5	0
1,1 Dichloroethene	0.07	1.69
cis-1,2 Dichloroethene	5	30.25
trans-1,2 Dichloroethene	5	1.33
1,2 Dichloropropane	5	0
Ethylbenzene	5	1.36
Methylene Chloride	5	8.21
Tetrachloroethene	0.7	572.1
Toluene	5	1.36
1,1,1 Trichloroethane	5	6.35
Trichloroethylene	5	51.84
Vinyl Chloride	1	0
Xylene, o	5	4.85
Xylene, m&p	5	1.36
Xylene, o,m&p	50	5.71
four Trihalomethanes (***)	100	0

* Regulatory allowed discharge standards as specified in the Current Chapter and modified by 11/16/98 letter to the Town.

** Compounds exceeding allowable EFEL/ELT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF Oyster Bay

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



Apr 8, 1993

WELL

Jan 1, 1993

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	27.63
Benzene (ND)	0	3.26
Bromodichloromethane	50***	0
Bromotorm	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	1.14
Chlorodibromomethane	50***	0
Chloroethane	5	1
Chloroform	100***	0.42
Dichlorobenzene, o&p	4.7	3.4
Dichlorobenzene, o,m&p	50	3.65
1,1 Dichloroethane	5	1.98
1,2 Dichloroethane	5	0.1
1,1 Dichloroethene	0.07	0
cis-1,2 Dichloroethene	5	7.33
trans-1,2 Dichloroethene	5	0.1
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.14
Methylene Chloride	5	1.47
Tetrachloroethene	0.7	1.62
Toluene	5	0.08
1,1,1 Trichloroethane	5	0.18
Trichloroethylene	5	1.48
Vinyl Chloride	1	3.39
Xylene, o	5	0.22
Xylene, m&p	5	0.07
Xylene, o,m&p	50	0.29
fourTrihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/11/93 letter to the Town.

** Compounds exceeding allowable FFFLUM concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l

Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS RESULTS



Apr 8, 1993

WELL

2, 1993

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	50.95
Benzene (ND)	0	3.11
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0.32
Chlorobenzene	5	1.93
Chlorodibromomethane	50***	0
Chloroethane	5	2.65
Chloroform	100***	0.85
Dichlorobenzene, o&p	4.7	6.13
Dichlorobenzene, o,m&p	50	6.52
1,1 Dichloroethane	5	4.78
1,2 Dichloroethane	5	0.6
1,1 Dichloroethene	0.07	0.23
cis-1,2 Dichloroethene	5	13.12
trans-1,2 Dichloroethene	5	0.63
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.27
Methylene Chloride	5	2.11
Tetrachloroethene	0.7	5.42
Toluene	5	0.23
1,1,1 Trichloroethane	5	1.31
Trichloroethylene	5	2.75
Vinyl Chloride	1	3.41
Xylene, o	5	0.64
Xylene, m&p	5	0.17
Xylene, o,m&p	50	0.81
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/88 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



Apr 8, 1993

WELL

MAR 8, 1993

Chemical Constituent	Concentration	
	Allowed * (ug/l)	Measured ** (ug/l)
Total VOCs	100	392.26
Benzene (ND)	0	16.04
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	2.06
Chlorodibromomethane	50***	0
Chloroethane	5	6.99
Chloroform	100***	5.69
Dichlorobenzene, o&p	4.7	2.86
Dichlorobenzene, o,m&p	50	3.15
1,1 Dichloroethane	5	34.61
1,2 Dichloroethane	5	1.92
1,1 Dichloroethene	0.07	0.87
cis-1,2 Dichloroethene	5	198.87
trans-1,2 Dichloroethene	5	1.33
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.22
Methylene Chloride	5	14.13
Tetrachloroethene	0.7	44.56
Toluene	5	0.35
1,1,1 Trichloroethane	5	5.77
Trichloroethylene	5	14.64
Vinyl Chloride	1	30.28
Xylene, o	5	10.65
Xylene, m&p	5	0.13
Xylene, o,m&p	50	10.78
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/89 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility
ORGANICS ANALYSIS REPORT

Apr 8, 1993

WELL

4, 1993

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	346.2
Benzene (ND)	0	0.54
Bromodichloromethane	50***	0
Bromotorm	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.05
Chlorodibromomethane	50***	0
Chloroethane	5	0
Chloroform	100***	0.8
Dichlorobenzene, o&p	4.7	1.48
Dichlorobenzene, o,m&p	50	1.58
1,1 Dichloroethane	5	0.68
1,2 Dichloroethane	5	0.04
1,1 Dichloroethene	0.07	0
cis-1,2 Dichloroethene	5	13.69
trans-1,2 Dichloroethene	5	0
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.03
Methylene Chloride	5	3.47
Tetrachloroethene	0.7	319.39
Toluene	5	0.07
1,1,1 Trichloroethane	5	0.68
Trichloroethylene	5	4.27
Vinyl Chloride	1	0.81
Xylene, o	5	0.08
Xylene, m&p	5	0.02
Xylene, o,m&p	50	0.1
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/93 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l

Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility
ORGANICS ANALYSIS REPORT



Apr 8, 1998

WELL

Jan 6, 1998

Chemical Constituent	Concentration	
	Allowed * (ug/l)	Measured ** (ug/l)
Total VOCs	100	714.38
Benzene (ND)	0	11.41
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.15
Chlorodibromomethane	50***	0
Chloroethane	5	0
Chloroform	100***	2.24
Dichlorobenzene, o&p	4.7	2.45
Dichlorobenzene, o,m&p	50	2.60
1,1 Dichloroethane	5	0.23
1,2 Dichloroethane	5	0.81
1,1 Dichloroethene	0.07	0.1
cis-1,2 Dichloroethene	5	32.78
trans-1,2 Dichloroethene	5	0
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.11
Methylene Chloride	5	7.46
Tetrachloroethene	0.7	595.62
Toluene	5	0.16
1,1,1 Trichloroethane	5	5.36
Trichloroethylene	5	51.74
Vinyl Chloride	1	0
Xylene, o	5	3.31
Xylene, m&p	5	0.11
Xylene, o,m&p	50	3.42
four Trihalomethanes (***)	100	0

* Regulatory allowed discharge standards as specified in the Consent Decree and modified by 11/10/98 letter to the Town.

** Compounds exceeding allowable 1,1,1,2,2,2-FCF concentrations are highlighted

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l

Organics Analysis Report

TOWN OF Oyster Bay

Department of Public Works

Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



Apr 15, 1993

WELL

1, 1990

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	25.6
Benzene (ND)	0	3.04
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	1.07
Chlorodibromomethane	50***	0
Chloroethane	5	0.67
Chloroform	100***	0.27
Dichlorobenzene, o&p	4.7	3.38
Dichlorobenzene, o,m&p	50	8.53
1,1 Dichloroethane	5	2.01
1,2 Dichloroethane	5	0.13
1,1 Dichloroethene	0.07	0
cis-1,2 Dichloroethene	5	6.6
trans-1,2 Dichloroethene	5	0.12
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.09
Methylene Chloride	5	1.5
Tetrachloroethene	0.7	1.94
Toluene	5	0.05
1,1,1 Trichloroethane	5	0.19
Trichloroethylene	5	1.3
Vinyl Chloride	1	2.9
Xylene, o	5	0.16
Xylene, m&p	5	0.03
Xylene, o,m&p	50	0.19
fourTrihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/88 letter to the Town.

** Compounds exceeding allowable H-H-L-N concentrations are highlighted

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l

Organos Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



Apr 15, 1993

WELL

2, 1999

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	39.56
Benzene (ND)	0	2.69
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	1.58
Chlorodibromomethane	50***	0
Chloroethane	5	2.25
Chloroform	100***	0.32
Dichlorobenzene, o&p	4.7	4.81
Dichlorobenzene, o,m&p	50	5.05
1,1 Dichloroethane	5	3.82
1,2 Dichloroethane	5	0.2
1,1 Dichloroethene	0.07	0.05
cis-1,2 Dichloroethene	5	10.89
trans-1,2 Dichloroethene	5	0.3
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.07
Methylene Chloride	5	1.68
Tetrachloroethene	0.7	3.72
Toluene	5	0.06
1,1,1 Trichloroethane	5	1.73
Trichloroethylene	5	2.06
Vinyl Chloride	1	2.64
Xylene, o	5	0.43
Xylene, m&p	5	0.02
Xylene, o,m&p	50	0.45
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/99 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF Oyster Bay

Department of Public Works
Wastewater Treatment Plant
ORGANICS ANALYSIS REPORT

Apr 15, 1998

WELL

Jan 8, 1999

Chemical Constituent	Concentration	
	Allowed * (ug/l)	Measured ** (ug/l)
Total VOCs	100	375.18
Benzene (ND)	0	15.52
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	1.98
Chlorodibromomethane	50***	0
Chloroethane	5	6.64
Chloroform	100***	4.18
Dichlorobenzene, o&p	4.7	1.72
Dichlorobenzene, o,m&p	50	1.97
1,1 Dichloroethane	5	32.18
1,2 Dichloroethane	5	1.57
1,1 Dichloroethene	0.07	0.55
cis-1,2 Dichloroethene	5	190.05
trans-1,2 Dichloroethene	5	1.36
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.16
Methylene Chloride	5	11.04
Tetrachloroethene	0.7	46.39
Toluene	5	0.29
1,1,1 Trichloroethane	5	6.72
Trichloroethylene	5	14.27
Vinyl Chloride	1	30.35
Xylene, o	5	8.88
Xylene, m&p	5	0.09
Xylene, o,m&p	50	9.97
four Trihalomethanes (***)	100	0

* Regulatory allowed discharge standards as specified in the Current Decree and modified by 11/19/98 letter to the Town.

** Calculations according to method EPA 816-111 - see report sheet for explanation

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l

Organics Analysis Report

Location: 100-11-11

Department of Public Works
Groundwater Treatment Facility
ORGANICS ANALYSIS REPORT



Apr 15, 1993

WELL

Jan-4, 1993

Chemical Constituent	Concentration	
	Allowed * (ug/l)	Measured ** (ug/l)
Total VOCs	100	339.13
Benzene (ND)	0	0.61
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.04
Chlorodibromomethane	50***	0
Chloroethane	5	0
Chloroform	100***	0.74
Dichlorobenzene, o&p	4.7	0.64
Dichlorobenzene, o,m&p	50	0.72
1,1 Dichloroethane	5	0.75
1,2 Dichloroethane	5	0.08
1,1 Dichloroethene	0.07	0
cis-1,2 Dichloroethene	5	12.14
trans-1,2 Dichloroethene	5	0
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.03
Methylene Chloride	5	2.9
Tetrachloroethene	0.7	312.91
Toluene	5	0.07
1,1,1 Trichloroethane	5	0.7
Trichloroethylene	5	4.03
Vinyl Chloride	1	1.65
Xylene, o	5	1.74
Xylene, m&p	5	0.02
Xylene, o,m&p	50	1.78
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Current Decree and modified by 11/18/90 letter to the Town.

** Compounds exceeding allowable HEALTH concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



Apr 15, 1998

WELL

dam 5, 1999

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	759.55
Benzene (ND)	0	11.17
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.15
Chlorodibromomethane	50***	0
Chloroethane	5	0
Chloroform	100***	1.95
Dichlorobenzene, o&p	4.7	2.36
Dichlorobenzene, o,m&p	50	2.57
1,1 Dichloroethane	5	0.33
1,2 Dichloroethane	5	0.94
1,1 Dichloroethene	0.07	0.11
cis-1,2 Dichloroethene	5	32.5
trans-1,2 Dichloroethene	5	0
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.13
Methylene Chloride	5	6.23
Tetrachloroethene	0.7	639.34
Toluene	5	0.21
1,1,1 Trichloroethane	5	7.32
Trichloroethylene	5	53.45
Vinyl Chloride	1	0
Xylene, o	5	3.01
Xylene, m&p	5	0.14
Xylene, o,m&p	50	3.15
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/98 letter to the Town.

** Compounds exceeding allowable 1-1-1-1-1-1 concentrations are highlighted

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l

Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



Apr 22, 1983

WELL

No. 1, 1983

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	30.26
Benzene (ND)	0	3.2
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	1.23
Chlorodibromomethane	50***	0
Chloroethane	5	0.76
Chloroform	100***	0.31
Dichlorobenzene, o&p	4.7	3.97
Dichlorobenzene, o,m&p	50	4.28
1,1 Dichloroethane	5	2.23
1,2 Dichloroethane	5	0.16
1,1 Dichloroethene	0.07	0.02
cis-1,2 Dichloroethene	5	7.24
trans-1,2 Dichloroethene	5	0.41
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.18
Methylene Chloride	5	1.65
Tetrachloroethene	0.7	3.6
Toluene	5	0.13
1,1,1 Trichloroethane	5	0.23
Trichloroethylene	5	1.66
Vinyl Chloride	1	2.68
Xylene, o	5	0.28
Xylene, m&p	5	0.13
Xylene, o,m&p	50	0.39
fourTrihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/82 letter to the Town.

** Compounds exceeding allowable 1-1-1-1-1-1 concentrations are highlighted.

*** Total concentration of four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility
ORGANIC ANALYSIS REPORT

Apr 22, 1993

WELL

JUL 2, 1990

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	34.3
Benzene (ND)	0	2.32
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	1.57
Chlorodibromomethane	50***	0
Chloroethane	5	1.17
Chloroform	100***	0.5
Dichlorobenzene, o&p	4.7	5.56
Dichlorobenzene, o,m&p	50	5.79
1,1 Dichloroethane	5	3.87
1,2 Dichloroethane	5	0.27
1,1 Dichloroethene	0.07	0.11
cis-1,2 Dichloroethene	5	9.97
trans-1,2 Dichloroethene	5	0.29
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.07
Methylene Chloride	5	1.77
Tetrachloroethene	0.7	1.65
Toluene	5	0.03
1,1,1 Trichloroethane	5	1.04
Trichloroethylene	5	1.83
Vinyl Chloride	1	1.6
Xylene, o	5	0.39
Xylene, m&p	5	0.03
Xylene, o,m&p	50	0.42
fourTrihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/88 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility
ORGANICS ANALYSIS REPORT



Apr 22, 1988

WELL

Jan 3, 2000

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	339.42
Benzene (ND)	0	14.26
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	2.07
Chlorodibromomethane	50***	0
Chloroethane	5	3.26
Chloroform	100***	3.44
Dichlorobenzene, o&p	4.7	2.65
Dichlorobenzene, o,m&p	50	3.19
1,1 Dichloroethane	5	32.05
1,2 Dichloroethane	5	0.62
1,1 Dichloroethene	0.07	0.9
cis-1,2 Dichloroethene	5	176.66
trans-1,2 Dichloroethene	5	1.37
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.31
Methylene Chloride	5	12.27
Tetrachloroethene	0.7	42.79
Toluene	5	0.41
1,1,1 Trichloroethane	5	3.96
Trichloroethylene	5	13.82
Vinyl Chloride	1	18.16
Xylene, o	5	8.61
Xylene, m&p	5	0.27
Xylene, o,m&p	50	9.88
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/18/98 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l

Organics Analysis Report

TOWN OF LEBANON

Department of Public Works
Groundwater Treatment Facility
ORGANICS ANALYSIS REPORT

Apr 22, 1993

WELL

Jan 4, 1994

Chemical Constituent	Concentration	
	Allowed * (ug/l)	Measured ** (ug/l)
Total VOCs	100	290.11
Benzene (ND)	0	0.64
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.05
Chlorodibromomethane	50***	0
Chloroethane	5	0
Chloroform	100***	0.62
Dichlorobenzene, o&p	4.7	0.56
Dichlorobenzene, o,m&p	50	0.68
1,1 Dichloroethane	5	0.71
1,2 Dichloroethane	5	0.08
1,1 Dichloroethene	0.07	0
cis-1,2 Dichloroethene	5	11.35
trans-1,2 Dichloroethene	5	0
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.03
Methylene Chloride	5	2.84
Tetrachloroethene	0.7	267.8
Toluene	5	0.31
1,1,1 Trichloroethane	5	0.55
Trichloroethylene	5	3.77
Vinyl Chloride	1	0.59
Xylene, o	5	0.07
Xylene, m&p	5	0.02
Xylene, o,m&p	50	0.09
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/88 letter to the Town.

** Compounds exceeding allowable (i.e. 100 ug/l) concentrations are highlighted.

*** Total concentrations of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



Apr 22, 1993

WELL

6. ~~100~~

Chemical Constituent	Concentration	
	Allowed * (ug/l)	Measured ** (ug/l)
Total VOCs	100	705.03
Benzene (ND)	0	11.91
Bromodichloromethane	50***	1.94
Bromoform	50***	0
Carbon Tetrachloride	5	1.62
Chlorobenzene	5	2.5
Chlorodibromomethane	50***	0
Chloroethane	5	0.6
Chloroform	100***	2.47
Dichlorobenzene, o&p	4.7	4.15
Dichlorobenzene, o,m&p	50	4.97
1,1 Dichloroethane	5	1.08
1,2 Dichloroethane	5	2.52
1,1 Dichloroethene	0.07	1.32
cis-1,2 Dichloroethene	5	32.29
trans-1,2 Dichloroethene	5	2.19
1,2 Dichloropropane	5	0
Ethylbenzene	5	1.16
Methylene Chloride	5	7.49
Tetrachloroethene	0.7	563.93
Toluene	5	1.17
1,1,1 Trichloroethane	5	7.54
Trichloroethylene	5	51.56
Vinyl Chloride	1	1.53
Xylene, o	5	4.1
Xylene, m&p	5	1.14
Xylene, o,m&p	50	5.24
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/88 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF WEST HAVEN

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



Apr 29, 1993

WELL

1

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	36.57
Benzene (ND)	0	3.47
Bromodichloromethane	50***	0.24
Bromoform	50***	0
Carbon Tetrachloride	6	0.38
Chlorobenzene	5	1.61
Chlorodibromomethane	50***	0
Chloroethane	6	1.25
Chloroform	100***	0.99
Dichlorobenzene, o&p	4.7	4.89
Dichlorobenzene, o,m&p	50	5.35
1,1 Dichloroethane	5	2.41
1,2 Dichloroethane	5	0.69
1,1 Dichloroethene	0.07	0.18
cis-1,2 Dichloroethene	5	7.15
trans-1,2 Dichloroethene	5	0.7
1,2 Dichloropropane	5	0.61
Ethylbenzene	5	0.47
Methylene Chloride	5	1.97
Tetrachloroethane	0.7	2.68
Toluene	6	0.41
1,1,1 Trichloroethane	5	0.61
Trichloroethylene	6	1.88
Vinyl Chloride	1	2.74
Xylene, o	5	0.52
Xylene, m&p	5	0.4
Xylene, o,m&p	50	0.92
fourTrihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/88 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



Apr 29, 1988

WELL

2

Chemical Constituent	Concentration	
	Allowed * (ug/l)	Measured ** (ug/l)
Total VOCs	100	38.08
Benzene (ND)	0	2.68
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	1.85
Chlorodibromomethane	50***	0
Chloroethane	5	1
Chloroform	100***	0.68
Dichlorobenzene, o&p	4.7	5.87
Dichlorobenzene, o,m&p	50	6.39
1,1 Dichloroethane	5	3.87
1,2 Dichloroethane	5	0.16
1,1 Dichloroethene	0.07	0.08
cis-1,2 Dichloroethene	5	10.94
trans-1,2 Dichloroethene	5	0.31
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.2
Methylene Chloride	5	3.48
Tetrachloroethene	0.7	1.97
Toluene	5	0.15
1,1,1 Trichloroethane	5	0.74
Trichloroethylene	5	2.14
Vinyl Chloride	1	0.78
Xylene, o	5	0.54
Xylene, m&p	5	0.14
Xylene, o,m&p	50	0.68
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Current Decree and modified by 11/10/88 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



Apr 20, 1993

WELL

3

Chemical Constituent	Concentration	
	Allowed * (ug/l)	Measured ** (ug/l)
Total VOCs	100	402.04
Benzene (ND)	0	16.89
Bromodichloromethane	50***	1.47
Bromoform	50***	0
Carbon Tetrachloride	5	1.85
Chlorobenzene	5	8.15
Chlorodibromomethane	50***	0
Chloroethane	5	6.69
Chloroform	100***	7.06
Dichlorobenzene, o&p	4.7	4.73
Dichlorobenzene, o,m&p	50	5.78
1,1 Dichloroethane	5	36.34
1,2 Dichloroethane	5	2.68
1,1 Dichloroethene	0.07	2.51
cis-1,2 Dichloroethene	5	186.44
trans-1,2 Dichloroethene	5	2.69
1,2 Dichloropropane	5	2.92
Ethylbenzene	5	1.39
Methylene Chloride	5	14.12
Tetrachloroethene	0.7	48.88
Toluene	5	1.54
1,1,1 Trichloroethane	5	7.73
Trichloroethylene	5	15.94
Vinyl Chloride	1	23.9
Xylene, o	5	10.73
Xylene, m&p	5	1.34
Xylene, o,m&p	50	12.07
four Trihalomethanes (***)	100	0

* Regulatory allowed discharge standards as specified in the Current Orders and modified by 11/10/88 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility
BRIAND CANNALACTRIUM



Apr 29, 1993

WELL

4

Chemical Constituent	Concentration	
	Allowed * (ug/l)	Measured ** (ug/l)
Total VOCs	100	342.9
Benzene (ND)	0	1.85
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0.33
Chlorobenzene	5	1.42
Chlorodibromomethane	50***	0
Chloroethane	5	0
Chloroform	100***	1.1
Dichlorobenzene, o&p	4.7	1.19
Dichlorobenzene, o,m&p	50	1.81
1,1 Dichloroethane	5	1.02
1,2 Dichloroethane	5	0.34
1,1 Dichloroethene	0.07	0.05
cis-1,2 Dichloroethene	5	12.61
trans-1,2 Dichloroethene	5	0.61
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.48
Methylene Chloride	5	7.48
Tetrachloroethene	0.7	304.69
Toluene	5	0.52
1,1,1 Trichloroethane	5	0.9
Trichloroethylene	5	4.99
Vinyl Chloride	1	1.77
Xylene, o	5	0.43
Xylene, m&p	5	0.5
Xylene, o,m&p	50	0.93
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/88 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organos Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility
ORGANICS ANALYSIS REPORT



Apr 29, 1993

WELL

6

Chemical Constituent	Concentration	
	Allowed * (ug/l)	Measured ** (ug/l)
Total VOCs	100	718.79
Benzene (ND)	0	11.08
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.15
Chlorodibromomethane	50***	0
Chloroethane	5	0
Chloroform	100***	1.94
Dichlorobenzene, o&p	4.7	2.93
Dichlorobenzene, o,m&p	50	3.13
1,1 Dichloroethane	5	0.31
1,2 Dichloroethane	5	0.9
1,1 Dichloroethene	0.07	0.09
cis-1,2 Dichloroethene	5	33.43
trans-1,2 Dichloroethene	5	0
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.12
Methylene Chloride	5	5.94
Tetrachloroethene	0.7	596.59
Toluene	5	0.13
1,1,1 Trichloroethane	5	7.57
Trichloroethylene	5	53.5
Vinyl Chloride	1	0
Xylene, o	5	3.78
Xylene, m&p	5	0.13
Xylene, o,m&p	50	3.91
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/90 letter to the Town.

** Compounds exceeding allowable 1-1-1-1-1-1 concentrations are highlighted

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

[REDACTED] [REDACTED]

Department of Public Works
Groundwater Treatment Facility
[REDACTED] [REDACTED]



May 6, 1993

WELL

1

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	39.74
Benzene (ND)	0	3.5
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.28
Chlorodibromomethane	50***	0
Chloroethane	5	1.32
Chloroform	100***	0.32
Dichlorobenzene, o&p	4.7	3.11
Dichlorobenzene, o,m&p	50	3.53
1,1 Dichloroethane	5	2.26
1,2 Dichloroethane	5	0.22
1,1 Dichloroethene	0.07	0.09
cis-1,2 Dichloroethene	5	7.56
trans-1,2 Dichloroethene	5	0.47
1,2 Dichloropropane	5	0.24
Ethylbenzene	5	10.04
Methylene Chloride	5	1.78
Tetrachloroethene	0.7	1.55
Toluene	5	0.04
1,1,1 Trichloroethane	5	0.16
Trichloroethylene	5	1.64
Vinyl Chloride	1	4.6
Xylene, o	5	0.16
Xylene, m&p	5	0
Xylene, o,m&p	50	0.16
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/92 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

ISLAND COUNTRY DAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



May 8, 1993

WELL

2

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	67.08
Benzene (ND)	0	2.87
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	19.19
Chlorodibromomethane	50***	0
Chloroethane	5	1.78
Chloroform	100***	0.51
Dichlorobenzene, o&p	4.7	2.87
Dichlorobenzene, o,m&p	50	3.03
1,1 Dichloroethane	5	3.87
1,2 Dichloroethane	5	0.13
1,1 Dichloroethene	0.07	0
cis-1,2 Dichloroethene	5	11.73
trans-1,2 Dichloroethene	5	0.69
1,2 Dichloropropane	5	0
Ethylbenzene	5	0
Methylene Chloride	5	3.33
Tetrachloroethene	0.7	5.25
Toluene	5	0.12
1,1,1 Trichloroethane	5	1.05
Trichloroethylene	5	1.8
Vinyl Chloride	1	1.2
Xylene, o	5	0.53
Xylene, m&p	5	0
Xylene, o,m&p	50	0.53
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/92 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility
ORGANICS ANALYSIS REPORT



May 6, 1993

WELL

3

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	340.64
Benzene (ND)	0	14.29
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	18.45
Chlorodibromomethane	50***	0
Chloroethane	5	5.16
Chloroform	100***	3.56
Dichlorobenzene, o&p	4.7	1.66
Dichlorobenzene, o,m&p	50	2.12
1,1 Dichloroethane	5	28.4
1,2 Dichloroethane	5	1.29
1,1 Dichloroethene	0.07	0.9
cis-1,2 Dichloroethene	5	167.5
trans-1,2 Dichloroethene	5	1.64
1,2 Dichloropropane	5	0
Ethylbenzene	5	0
Methylene Chloride	5	10.55
Tetrachloroethene	0.7	37.85
Toluene	5	0.06
1,1,1 Trichloroethane	5	4.8
Trichloroethylene	5	13.74
Vinyl Chloride	1	27.79
Xylene, o	5	0.54
Xylene, m&p	5	0
Xylene, o,m&p	50	0.54
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/16/90 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility
ORGANICS ANALYSIS REPORT



May 6, 1993

WELL

4

Chemical Constituent	Concentration	
	Allowed * (ug/l)	Measured ** (ug/l)
Total VOCs	100	344.55
Benzene (ND)	0	3.18
Bromodichloromethane	50***	0.61
Bromoform	50***	0
Carbon Tetrachloride	5	2.49
Chlorobenzene	5	1.61
Chlorodibromomethane	50***	0
Chloroethane	5	0.24
Chloroform	100***	2.85
Dichlorobenzene, o&p	4.7	2.95
Dichlorobenzene, o,m&p	50	4.59
1,1 Dichloroethane	5	2.34
1,2 Dichloroethane	5	0
1,1 Dichloroethene	0.07	2.67
cis-1,2 Dichloroethene	5	14.29
trans-1,2 Dichloroethene	5	3.1
1,2 Dichloropropane	5	2.1
Ethylbenzene	5	2.76
Methylene Chloride	5	7.64
Tetrachloroethene	0.7	272.42
Toluene	5	2.53
1,1,1 Trichloroethane	5	3.16
Trichloroethylene	5	7.83
Vinyl Chloride	1	3.46
Xylene, o	5	1.9
Xylene, m&p	5	2.58
Xylene, o,m&p	50	4.48
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/93 letter to the Town.

** Compounds exceeding allowable 1-1-1 1,1-1,1,1 concentrations are highlighted

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l

Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



May 6, 1993

WELL

5

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	686.38
Benzene (ND)	0	10.82
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.32
Chlorodibromomethane	50***	0
Chloroethane	5	0
Chloroform	100***	1.8
Dichlorobenzene, o&p	4.7	4.45
Dichlorobenzene, o,m&p	50	5.32
1,1 Dichloroethane	5	0.3
1,2 Dichloroethane	5	0.69
1,1 Dichloroethene	0.07	0.15
cis-1,2 Dichloroethene	5	33.3
trans-1,2 Dichloroethene	5	0
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.3
Methylene Chloride	5	6.13
Tetrachloroethene	0.7	564.88
Toluene	5	0.31
1,1,1 Trichloroethane	5	5.53
Trichloroethylene	5	52.69
Vinyl Chloride	1	0
Xylene, o	5	3.51
Xylene, m&p	5	0.33
Xylene, o,m&p	50	3.84
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/88 letter to the Town.

** Compounds exceeding allowable (MCL) MCL concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

TOWN OF OISTER BAY

Department of Public Works
Groundwater Treatment Facility
ORGANICS ANALYSIS REPORT



May 13, 1993

WELL

1

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	26.61
Benzene (ND)	0	3.32
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	1.14
Chlorodibromomethane	50***	0
Chloroethane	5	0.61
Chloroform	100***	0.12
Dichlorobenzene, o&p	4.7	2.11
Dichlorobenzene, o,m&p	50	2.26
1,1 Dichloroethane	5	1.75
1,2 Dichloroethane	5	0.11
1,1 Dichloroethene	0.07	1.68
cis-1,2 Dichloroethene	5	7.19
trans-1,2 Dichloroethene	5	0
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.11
Methylene Chloride	5	1.5
Tetrachloroethene	0.7	1.63
Toluene	5	0.06
1,1,1 Trichloroethane	6	0.14
Trichloroethylene	6	1.49
Vinyl Chloride	1	3.22
Xylene, o	5	0.23
Xylene, m&p	5	0.05
Xylene, o,m&p	50	0.28
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/92 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF OYSTER BAY

 Department of Public Works
 Groundwater Treatment Facility
 6035001 N. Ave. OYSTER BAY, NY 11571


May 18, 1998

WELL

2

Chemical Constituent	Concentration	
	Allowed * (ug/l)	Measured ** (ug/l)
Total VOCs	100	46.18
Benzene (ND)	0	2.9
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0.18
Chlorobenzene	5	1.77
Chlorodibromomethane	50***	0
Chloroethane	5	1.59
Chloroform	100***	0.62
Dichlorobenzene, o&p	4.7	4.85
Dichlorobenzene, o,m&p	50	5.2
1,1 Dichloroethane	5	8.4
1,2 Dichloroethane	5	0.98
1,1 Dichloroethene	0.07	2.21
cis-1,2 Dichloroethene	5	11.6
trans-1,2 Dichloroethene	5	0.31
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.25
Methylene Chloride	5	1.94
Tetrachloroethene	0.7	6.25
Toluene	5	0.27
1,1,1 Trichloroethane	5	1.35
Trichloroethylene	5	2.59
Vinyl Chloride	1	2.47
Xylene, o	5	0.64
Xylene, m&p	5	0.21
Xylene, o,m&p	50	0.85
four Trihalomethanes (***)	100	0

* Regularly scheduled discharge standards as specified in the Contingency Plan and modified by 12/1998 letter to the Town.

** Compounds exceeding allowable PPT/PPM concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility
ORGANICS ANALYSIS REPORT



May 13, 1993

WELL

3

Chemical Constituent	Concentration	
	Allowed * (ug/l)	Measured ** (ug/l)
Total VOCs	100	343.01
Benzene (ND)	0	15
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	2.05
Chlorodibromomethane	50***	0
Chloroethane	5	4.03
Chloroform	100***	2.16
Dichlorobenzene, o&p	4.7	1.27
Dichlorobenzene, o,m&p	50	1.48
1,1 Dichloroethane	5	24.22
1,2 Dichloroethane	5	0.79
1,1 Dichloroethene	0.07	5.24
cis-1,2 Dichloroethene	5	175.43
trans-1,2 Dichloroethene	5	0.95
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.24
Methylene Chloride	5	8.46
Tetrachloroethene	0.7	49.24
Toluene	5	0.42
1,1,1 Trichloroethane	5	4.6
Trichloroethylene	5	14.24
Vinyl Chloride	1	25.13
Xylene, o	5	8.13
Xylene, m&p	5	0.2
Xylene, o,m&p	50	9.33
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 15th Amendment to the Decree

** Compounds exceeding allowable PCE/DBP concentrations are highlighted

*** Total concentration of Trihalomethanes shall not exceed 100 ug/l

Organics Analysis Report

1653

Department of Public Works
Groundwater Treatment Facility
ORGANICS ANALYSIS REPORT



May 13, 1993

WELL

4

Chemical Constituent	Concentration	
	Allowed * (ug/l)	Measured ** (ug/l)
Total VOCs	100	326.73
Benzene (ND)	0	0.56
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.08
Chlorodibromomethane	50***	0
Chloroethane	5	0
Chloroform	100***	0.49
Dichlorobenzene, o&p	4.7	0.25
Dichlorobenzene, o,m&p	50	0.35
1,1 Dichloroethane	5	0.64
1,2 Dichloroethane	5	0.06
1,1 Dichloroethene	0.07	4.34
cis-1,2 Dichloroethene	5	11.51
trans-1,2 Dichloroethene	5	0
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.07
Methylene Chloride	5	3.84
Tetrachloroethene	0.7	298.57
Toluene	5	0.13
1,1,1 Trichloroethane	5	0.66
Trichloroethylene	5	4.84
Vinyl Chloride	1	0.89
Xylene, o	5	0.14
Xylene, m&p	5	0.06
Xylene, o,m&p	50	0.2
four Trihalomethanes (***)	100	0

* Regulatory solvent discharge standards as specified in the General Orders and modified by 1653 to the Town.

** Compounds exceeding allowable HEALTHY concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysts Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility
ORGANICS ANALYSIS REPORT



May 13, 1993

WELL

5

Chemical Constituent	Concentration	
	Allowed * (ug/l)	Measured ** (ug/l)
Total VOCs	100	683.37
Benzene (ND)	0	10.66
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	1.94
Chlorodibromomethane	50***	0
Chloroethane	5	0
Chloroform	100***	0.44
Dichlorobenzene, o&p	4.7	1.48
Dichlorobenzene, o,m&p	50	2.3
1,1 Dichloroethane	5	0.82
1,2 Dichloroethane	5	0.46
1,1 Dichloroethene	0.07	7.49
cis-1,2 Dichloroethene	5	30.74
trans-1,2 Dichloroethene	5	0
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.57
Methylene Chloride	5	7.58
Tetrachloroethene	0.7	559.7
Toluene	5	0.61
1,1,1 Trichloroethane	5	5.28
Trichloroethylene	5	51.18
Vinyl Chloride	1	0
Xylene, o	5	3.49
Xylene, m&p	5	0.6
Xylene, o,m&p	50	4.09
four Trihalomethanes (***)	100	0

* Regulatory chemical thresholds established as specified in the Control Decree and modified by 11/10/92 letter to the Town.

** Compounds for which no regulatory threshold is specified shall be reported as not detected.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



May 20, 1993

WELL

1

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	23.11
Benzene (ND)	0	2.2
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.83
Chlorodibromomethane	50***	0
Chloroethane	5	0.77
Chloroform	100***	0.24
Dichlorobenzene, o&p	4.7	2.22
Dichlorobenzene, o,m&p	50	2.4
1,1 Dichloroethane	5	2.23
1,2 Dichloroethane	5	0.29
1,1 Dichloroethene	0.07	1.34
cis-1,2 Dichloroethene	5	6.18
trans-1,2 Dichloroethene	5	0.15
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.06
Methylene Chloride	5	2.67
Tetrachloroethene	0.7	1.39
Toluene	5	0.06
1,1,1 Trichloroethane	5	0.19
Trichloroethylene	5	1.01
Vinyl Chloride	1	1.89
Xylene, o	5	0.17
Xylene, m&p	5	0.05
Xylene, o,m&p	50	0.22
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/92 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



May 20, 1993

WELL

2

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	33.56
Benzene (ND)	0	1.97
Bromodichloromethane	50***	0
Bromoform	50***	0.13
Carbon Tetrachloride	5	0
Chlorobenzene	5	1.35
Chlorodibromomethane	50***	0
Chloroethane	5	0.05
Chloroform	100***	0.26
Dichlorobenzene, o&p	4.7	3.73
Dichlorobenzene, o,m&p	50	3.96
1,1 Dichloroethane	5	4.47
1,2 Dichloroethane	5	0.26
1,1 Dichloroethene	0.07	1.84
cis-1,2 Dichloroethene	5	8.64
trans-1,2 Dichloroethene	5	0.15
1,2 Dichloropropane	5	0.23
Ethylbenzene	5	0.09
Methylene Chloride	5	3.36
Tetrachloroethene	0.7	2.87
Toluene	5	0.06
1,1,1 Trichloroethane	5	0.82
Trichloroethylene	5	1.7
Vinyl Chloride	1	0.88
Xylene, o	5	0.42
Xylene, m&p	5	0.06
Xylene, o,m&p	50	0.48
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/92 letter to the Town.

** Components exceeding allowable 1-1-1-1-1-1 concentrations are highlighted.

*** Total concentrations of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility
ORGANICS ANALYSIS REPORT



May 20, 1993

WELL

3

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	315.11
Benzene (ND)	0	12.28
Bromodichloromethane	50***	1.19
Bromoform	50***	0
Carbon Tetrachloride	5	3.81
Chlorobenzene	5	2.78
Chlorodibromomethane	50***	0
Chloroethane	5	5.89
Chloroform	100***	2.84
Dichlorobenzene, o&p	4.7	3.7
Dichlorobenzene, o,m&p	50	4.89
1,1 Dichloroethane	5	32.17
1,2 Dichloroethane	5	2.66
1,1 Dichloroethene	0.07	5.61
cis-1,2 Dichloroethene	5	133.06
trans-1,2 Dichloroethene	5	4.07
1,2 Dichloropropane	5	2.6
Ethylbenzene	5	2.28
Methylene Chloride	5	16.62
Tetrachloroethene	0.7	31.82
Toluene	5	2.16
1,1,1 Trichloroethane	5	7
Trichloroethylene	5	12.32
Vinyl Chloride	1	19.05
Xylene, o	5	7.83
Xylene, m&p	5	2.2
Xylene, o,m&p	50	10.03
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/1992 letter to the Town.

** Compounds exceeding allowable 1-1-1 U-F-M recommendations are highlighted

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF Oyster Bay

Department of Public Works
Groundwater Treatment Facility
ORGANICS ANALYSIS REPORT



May 20, 1993

WELL

4

Chemical Constituent	Concentration	
	Allowed * (ug/l)	Measured ** (ug/l)
Total VOCs	100	221.24
Benzene (ND)	0	0.44
Bromodichloromethane	50***	0
Bromoform	50***	0.33
Carbon Tetrachloride	5	0.07
Chlorobenzene	5	0.3
Chlorodibromomethane	50***	0
Chloroethane	5	0
Chloroform	100***	0.35
Dichlorobenzene, o&p	4.7	0.85
Dichlorobenzene, o,m&p	50	1.28
1,1 Dichloroethane	5	1.26
1,2 Dichloroethane	5	0.24
1,1 Dichloroethene	0.07	3.53
cis-1,2 Dichloroethene	5	9.35
trans-1,2 Dichloroethene	5	0.18
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.21
Methylene Chloride	6	7.23
Tetrachloroethene	0.7	191.53
Toluene	5	0.2
1,1,1 Trichloroethane	5	0.71
Trichloroethylene	5	3.37
Vinyl Chloride	1	0.17
Xylene, o	5	0.26
Xylene, m&p	5	0.23
Xylene, o,m&p	50	0.49
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/1988 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility
ORGANICS ANALYSIS REPORT



May 20, 1993

WELL

6

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	416.97
Benzene (ND)	0	7.05
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.11
Chlorodibromomethane	50***	0
Chloroethane	5	1.44
Chloroform	100***	0.76
Dichlorobenzene, o&p	4.7	1.56
Dichlorobenzene, o,m&p	50	1.79
1,1 Dichloroethane	5	0.48
1,2 Dichloroethane	5	0.47
1,1 Dichloroethene	0.07	6.98
cis-1,2 Dichloroethene	5	22.49
trans-1,2 Dichloroethene	5	0
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.08
Methylene Chloride	5	14.9
Tetrachloroethene	0.7	319.03
Toluene	5	0.7
1,1,1 Trichloroethane	5	4.07
Trichloroethylene	5	34.18
Vinyl Chloride	1	0.14
Xylene, o	5	2.22
Xylene, m&p	5	0.09
Xylene, o,m&p	50	2.31
fourTrihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/16/92 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



May 27, 1993

WELL

1

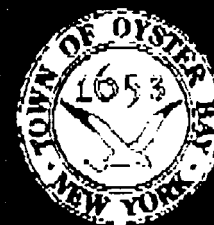
Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	28.79
Benzene (ND)	0	2.72
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.93
Chlorodibromomethane	50***	0
Chloroethane	5	0.92
Chloroform	100***	0
Dichlorobenzene, o&p	4.7	2.45
Dichlorobenzene, o,m&p	50	2.53
1,1 Dichloroethane	5	2.48
1,2 Dichloroethane	5	0.35
1,1 Dichloroethene	0.07	3.78
cis-1,2 Dichloroethene	5	5.88
trans-1,2 Dichloroethene	5	0.6
1,2 Dichloropropane	5	0.14
Ethylbenzene	5	0
Methylene Chloride	5	4.26
Tetrachloroethene	0.7	1.21
Toluene	5	0.04
1,1,1 Trichloroethane	5	0.62
Trichloroethylene	5	1.1
Vinyl Chloride	1	1.06
Xylene, o	5	0.14
Xylene, m&p	5	0.03
Xylene, o,m&p	50	0.17
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/92 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report



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Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT

May 27, 1888

WELL

2

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	35.61
Benzene (ND)	0	2.12
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	1.48
Chlorodibromomethane	50***	0
Chloroethane	5	1.72
Chloroform	100***	0
Dichlorobenzene, o&p	4.7	3.89
Dichlorobenzene, o,m&p	50	3.94
1,1 Dichloroethane	5	4.28
1,2 Dichloroethane	5	0.38
1,1 Dichloroethene	0.07	2.31
cis-1,2 Dichloroethene	5	9.12
trans-1,2 Dichloroethene	5	0.15
1,2 Dichloropropane	5	0
Ethylbenzene	5	0
Methylene Chloride	5	3.7
Tetrachloroethene	0.7	2.23
Toluene	5	0.04
1,1,1 Trichloroethane	5	1.54
Trichloroethylene	5	1.7
Vinyl Chloride	1	0.51
Xylene, o	5	0.39
Xylene, m&p	5	0.04
Xylene, o,m&p	50	0.43
four Trihalomethanes (***)	100	0

* **PROSECUTION WILL NOT DISCHARGE DEFENDANT AS GUARANTOR IN THE COURT OF RECORD**
 and defendant has **PLEADING** before the Court

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	52

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Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility
ORGANICS ANALYSIS REPORT



May 27, 1993

WELL

3

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	305.75
Benzene (ND)	0	12.16
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	1.86
Chlorodibromomethane	50***	0
Chloroethane	5	4.76
Chloroform	100***	0
Dichlorobenzene, o&p	4.7	3.62
Dichlorobenzene, o,m&p	50	3.89
1,1 Dichloroethane	5	30.2
1,2 Dichloroethane	5	0.74
1,1 Dichloroethene	0.07	5.78
cis-1,2 Dichloroethene	5	146.54
trans-1,2 Dichloroethene	5	1.33
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.2
Methylene Chloride	5	14.91
Tetrachloroethene	0.7	38.64
Toluene	5	0.26
1,1,1 Trichloroethane	5	3.98
Trichloroethylene	5	12.86
Vinyl Chloride	1	19.79
Xylene, o	5	7.65
Xylene, m&p	5	0.2
Xylene, o,m&p	50	7.85
fourTrihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Contaminant Discharge and Control by TCE/1990 Act for this Facility

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of fourTrihalomethanes shall not exceed 100 ug/l

Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



May 27, 1993

WELL

4

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	235.88
Benzene (ND)	0	0.44
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.28
Chlorodibromomethane	50***	0
Chloroethane	5	0
Chloroform	100***	0.14
Dichlorobenzene, o&p	4.7	1.55
Dichlorobenzene, o,m&p	50	1.71
1,1 Dichloroethane	5	1.06
1,2 Dichloroethane	5	0.23
1,1 Dichloroethene	0.07	4.64
cis-1,2 Dichloroethene	5	8.73
trans-1,2 Dichloroethene	5	0
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.1
Methylene Chloride	6	6.7
Tetrachloroethene	0.7	204.7
Toluene	5	0.11
1,1,1 Trichloroethane	5	0.92
Trichloroethylene	5	3.25
Vinyl Chloride	1	0.27
Xylene, o	5	2.6
Xylene, m&p	5	0.1
Xylene, o,m&p	50	2.7
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/19/88 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



Jun 3, 1993

WELL

1

Chemical Constituent	Concentration	
	Allowed * (ug/l)	Measured ** (ug/l)
Total VOCs	100	29.05
Benzene (ND)	0	3.67
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	1.19
Chlorodibromomethane	50***	0
Chloroethane	5	1.04
Chloroform	100***	0.33
Dichlorobenzene, o&p	4.7	3.57
Dichlorobenzene, o,m&p	50	3.66
1,1 Dichloroethane	5	2.55
1,2 Dichloroethane	5	0.33
1,1 Dichloroethene	0.7	0
cis-1,2 Dichloroethene	6	7.74
trans-1,2 Dichloroethene	6	0.54
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.06
Methylene Chloride	5	3.6
Tetrachloroethene	0.7	1.99
Toluene	5	0.04
1,1,1 Trichloroethane	5	0.46
Trichloroethylene	5	1.46
Vinyl Chloride	1	0.16
Xylene, o	5	0.2
Xylene, m&p	5	0.03
Xylene, o,m&p	50	0.23
fourTrihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consents to Discharge and modified by 11/10/88 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility
100 WATER STREET, OYSTER BAY, NY 11570



Jun 8, 1993

WELL

2

Chemical Constituent	Concentration	
	Allowed * (ug/l)	Measured ** (ug/l)
Total VOCs	100	40.9
Benzene (ND)	0	2.62
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	1.77
Chlorodibromomethane	50***	0
Chloroethane	5	1.5
Chloroform	100***	0.35
Dichlorobenzene, o&p	4.7	6.51
Dichlorobenzene, o,m&p	50	6.58
1,1 Dichloroethane	5	4.44
1,2 Dichloroethane	5	0.29
1,1 Dichloroethene	0.07	1.72
cis-1,2 Dichloroethene	5	11.5
trans-1,2 Dichloroethene	5	0.09
1,2 Dichloropropane	5	0.25
Ethylbenzene	5	0.06
Methylene Chloride	5	3.33
Tetrachloroethene	0.7	1.71
Toluene	5	0.04
1,1,1 Trichloroethane	5	1.06
Trichloroethylene	5	2.06
Vinyl Chloride	1	1.02
Xylene, o	5	0.48
Xylene, m&p	5	0.03
Xylene, o,m&p	50	0.51
fourTrihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/88 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility
ORGANICS ANALYSIS REPORT



Jun 3, 1993

WELL

3

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	354.51
Benzene (ND)	0	15.02
Bromodichloromethane	50***	0
Bromoform	50***	0.3
Carbon Tetrachloride	5	0
Chlorobenzene	5	2.25
Chlorodibromomethane	50***	0
Chloroethane	5	4.33
Chloroform	100***	3.38
Dichlorobenzene, o&p	4.7	2.45
Dichlorobenzene, o,m&p	50	2.59
1,1 Dichloroethane	5	30.41
1,2 Dichloroethane	5	1.4
1,1 Dichloroethene	0.07	3.03
cis-1,2 Dichloroethene	5	181.07
trans-1,2 Dichloroethene	5	1.58
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.15
Methylene Chloride	5	14.81
Tetrachloroethene	0.7	47.47
Toluene	5	0.21
1,1,1 Trichloroethane	5	5.34
Trichloroethylene	5	13.57
Vinyl Chloride	1	18.28
Xylene, o	5	9.28
Xylene, m&p	5	0.1
Xylene, o,m&p	50	9.38
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/92 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



Jun 8, 1993

WELL

4

Chemical Constituent	Concentration	
	Allowed * (ug/l)	Measured ** (ug/l)
Total VOCs	100	308.82
Benzene (ND)	0	0.51
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.06
Chlorodibromomethane	50***	0
Chloroethane	5	0.07
Chloroform	100***	0.39
Dichlorobenzene, o&p	4.7	1.06
Dichlorobenzene, o,m&p	50	1.13
1,1 Dichloroethane	5	1.02
1,2 Dichloroethane	5	0.14
1,1 Dichloroethene	0.07	0.46
cis-1,2 Dichloroethene	5	11.45
trans-1,2 Dichloroethene	5	0
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.04
Methylene Chloride	5	6.8
Tetrachloroethene	0.7	281.26
Toluene	5	0.07
1,1,1 Trichloroethane	5	0.71
Trichloroethylene	5	4.17
Vinyl Chloride	1	0.34
Xylene, o	5	1.16
Xylene, m&p	5	0.04
Xylene, o,m&p	50	1.2
fourTrihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consents Decree and modified by 11/0000 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



Jun 3, 1993

WELL

6

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	727.39
Benzene (ND)	0	10.84
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.15
Chlorodibromomethane	50***	0
Chloroethane	5	0.55
Chloroform	100***	0.83
Dichlorobenzene, o&p	4.7	2.35
Dichlorobenzene, o,m&p	50	2.58
1,1 Dichloroethane	5	0.88
1,2 Dichloroethane	5	0.74
1,1 Dichloroethene	0.07	1.61
cis-1,2 Dichloroethene	5	33.64
trans-1,2 Dichloroethene	5	0
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.19
Methylene Chloride	5	17.66
Tetrachloroethene	0.7	594.2
Toluene	5	0.2
1,1,1 Trichloroethane	5	5.75
Trichloroethylene	5	53.55
Vinyl Chloride	1	0.3
Xylene, o	5	3.58
Xylene, m&p	5	0.18
Xylene, o,m&p	50	3.74
fourTrihalomethanes (***)	100	0

* Regulatory solvent discharge standards as specified in the Consent Decree and modified by 11/10/90 letter to the Town.

** Components exceeding allowable 100 ug/l concentrations are highlighted

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



Jun 10, 1993

WELL

1

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	29.48
Benzene (ND)	0	3.61
Bromodichloromethane	50***	0.07
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.88
Chlorodibromomethane	50***	0
Chloroethane	5	0.82
Chloroform	100***	0.25
Dichlorobenzene, o&p	4.7	4.93
Dichlorobenzene, o,m&p	50	6.06
1,1 Dichloroethane	5	2.3
1,2 Dichloroethane	5	0.2
1,1 Dichloroethene	0.07	0.87
cis-1,2 Dichloroethene	5	7.84
trans-1,2 Dichloroethene	5	0.22
1,2 Dichloropropane	5	0.25
Ethylbenzene	5	0
Methylene Chloride	5	3.54
Tetrachloroethene	0.7	1.66
Toluene	5	0.05
1,1,1 Trichloroethane	5	0.23
Trichloroethylene	5	1.47
Vinyl Chloride	1	0.14
Xylene, o	5	0.08
Xylene, m&p	5	0.04
Xylene, o,m&p	50	0.12
fourTrihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/92 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility
ORGANICS ANALYSIS REPORT



Jun 10, 1993

WELL

2

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	46.42
Benzene (ND)	0	3
Bromodichloromethane	50***	0.07
Bromoform	50***	0.07
Carbon Tetrachloride	5	0.19
Chlorobenzene	5	1.57
Chlorodibromomethane	50***	0.32
Chloroethane	5	1.8
Chloroform	100***	0.81
Dichlorobenzene, o&p	4.7	5.9
Dichlorobenzene, o,m&p	50	6.08
1,1 Dichloroethane	5	3.91
1,2 Dichloroethane	5	0.41
1,1 Dichloroethene	0.07	1.19
cis-1,2 Dichloroethene	5	12.71
trans-1,2 Dichloroethene	5	0.15
1,2 Dichloropropane	5	0.28
Ethylbenzene	5	0.01
Methylene Chloride	5	3.26
Tetrachloroethene	0.7	5.15
Toluene	5	0.16
1,1,1 Trichloroethane	5	1.07
Trichloroethylene	5	2.64
Vinyl Chloride	1	1.28
Xylene, o	5	0.14
Xylene, m&p	5	0.15
Xylene, o,m&p	50	0.29
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/19/88 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility
ORGANICS ANALYSIS REPORT



Jun 10, 1993

WELL

3

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	329.31
Benzene (ND)	0	14.53
Bromodichloromethane	50***	0
Bromoform	50***	0.42
Carbon Tetrachloride	5	0
Chlorobenzene	5	1.9
Chlorodibromomethane	50***	0
Chloroethane	5	2.95
Chloroform	100***	2.37
Dichlorobenzene, o&p	4.7	2.8
Dichlorobenzene, o,m&p	50	3.02
1,1 Dichloroethane	5	27.54
1,2 Dichloroethane	5	0.67
1,1 Dichloroethene	0.07	4.35
cis-1,2 Dichloroethene	5	177.68
trans-1,2 Dichloroethene	5	1.42
1,2 Dichloropropane	5	0.74
Ethylbenzene	5	0.03
Methylene Chloride	5	15.63
Tetrachloroethene	0.7	43.21
Toluene	5	0.39
1,1,1 Trichloroethane	5	2.65
Trichloroethylene	5	13.04
Vinyl Chloride	1	16.43
Xylene, o	5	0.08
Xylene, m&p	5	0.26
Xylene, o,m&p	50	0.34
fourTrihalomethanes (***)	100	0

* Regulatory allowed discharge standards as specified in the Current Decree and modified by 11/10/88 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



Jun 10, 1993

WELL

4

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	302.41
Benzene (ND)	0	0.57
Bromodichloromethane	50***	0.06
Bromoform	50***	0.32
Carbon Tetrachloride	5	0.07
Chlorobenzene	5	0.17
Chlorodibromomethane	50***	0
Chloroethane	5	0.1
Chloroform	100***	0.26
Dichlorobenzene, o&p	4.7	1.01
Dichlorobenzene, o,m&p	50	1.52
1,1 Dichloroethane	5	0.95
1,2 Dichloroethane	5	0.25
1,1 Dichloroethene	0.07	0.71
cis-1,2 Dichloroethene	5	11.81
trans-1,2 Dichloroethene	5	0
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.03
Methylene Chloride	5	6.83
Tetrachloroethene	0.7	271.85
Toluene	5	0.21
1,1,1 Trichloroethane	5	0.6
Trichloroethylene	5	4.47
Vinyl Chloride	1	1.03
Xylene, o	5	0.33
Xylene, m&p	5	0.27
Xylene, o,m&p	50	0.6
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/90 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



Jun 10, 1993

WELL

5

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	706.89
Benzene (ND)	0	10.85
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	0
Chlorodibromomethane	50***	0
Chloroethane	5	0
Chloroform	100***	0.57
Dichlorobenzene, o&p	4.7	2.47
Dichlorobenzene, o,m&p	50	2.66
1,1 Dichloroethane	5	0.8
1,2 Dichloroethane	5	0.52
1,1 Dichloroethene	0.07	1.23
cis-1,2 Dichloroethene	5	33.12
trans-1,2 Dichloroethene	5	0
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.01
Methylene Chloride	5	15.8
Tetrachloroethene	0.7	578.76
Toluene	5	0.81
1,1,1 Trichloroethane	5	4.78
Trichloroethylene	5	53.65
Vinyl Chloride	1	0
Xylene, o	5	3.23
Xylene, m&p	5	0.1
Xylene, o,m&p	50	3.33
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/92 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF Oyster Bay

 Department of Public Works
 Groundwater Treatment Facility
 100 HANCOCK AVENUE, OYSTER BAY, NY 11571


Jun 17, 1993

WELL

1

Chemical Constituent	Concentration	
	Allowed * (ug/l)	Measured ** (ug/l)
Total VOCs	100	34.84
Benzene (ND)	0	4.17
Bromodichloromethane	50***	0.02
Bromoform	50***	0.19
Carbon Tetrachloride	5	0
Chlorobenzene	5	1.01
Chlorodibromomethane	50***	0.18
Chloroethane	5	0.8
Chloroform	100***	0.23
Dichlorobenzene, o&p	4.7	5.48
Dichlorobenzene, o,m&p	50	5.6
1,1 Dichloroethane	5	1.82
1,2 Dichloroethane	5	0.13
1,1 Dichloroethene	0.07	3.4
cis-1,2 Dichloroethene	5	8.67
trans-1,2 Dichloroethene	5	0
1,2 Dichloropropane	5	0.11
Ethylbenzene	5	0
Methylene Chloride	5	2.68
Tetrachloroethene	0.7	1.75
Toluene	5	0.06
1,1,1 Trichloroethane	5	0.16
Trichloroethylene	5	1.58
Vinyl Chloride	1	2.16
Xylene, o	5	0.09
Xylene, m&p	5	0.03
Xylene, o,m&p	50	0.12
fourTrihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consents Decree and modified by 11/10/88 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF WEST HAVEN

Department of Public Works
Groundwater Treatment Facility
100 AND A ROAD WEST HAVEN

Jun 17, 1993

WELL

2

Chemical Constituent	Concentration	
	Allowed * (ug/l)	Measured ** (ug/l)
Total VOCs	100	48.55
Benzene (ND)	0	3.15
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	2.2
Chlorodibromomethane	50***	0
Chloroethane	5	1.5
Chloroform	100***	0.64
Dichlorobenzene, o&p	4.7	8.91
Dichlorobenzene, o,m&p	50	9.05
1,1 Dichloroethane	5	3.65
1,2 Dichloroethane	5	0.24
1,1 Dichloroethene	0.07	0.2
cis-1,2 Dichloroethene	5	13.97
trans-1,2 Dichloroethene	5	0.16
1,2 Dichloropropane	5	0.24
Ethylbenzene	5	0
Methylene Chloride	5	3.19
Tetrachloroethene	0.7	4.49
Toluene	5	0.06
1,1,1 Trichloroethane	5	1.34
Trichloroethylene	5	2.67
Vinyl Chloride	1	1.61
Xylene, o	5	0.15
Xylene, m&p	5	0.05
Xylene, o,m&p	50	0.2
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Pollution Control Act and modified by 11/10/85 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of three low trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



Jun 17, 1993

WELL

3

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	339.19
Benzene (ND)	0	15.54
Bromodichloromethane	50***	0
Bromoform	50***	0.16
Carbon Tetrachloride	5	0
Chlorobenzene	5	2.5
Chlorodibromomethane	50***	0
Chloroethane	5	4.05
Chloroform	100***	3.69
Dichlorobenzene, o&p	4.7	4.02
Dichlorobenzene, o,m&p	50	4.17
1,1 Dichloroethane	5	22.76
1,2 Dichloroethane	5	1.01
1,1 Dichloroethene	0.07	0.27
cis-1,2 Dichloroethene	5	188.69
trans-1,2 Dichloroethene	5	0.65
1,2 Dichloropropane	5	0
Ethylbenzene	5	0
Methylene Chloride	5	11.55
Tetrachloroethene	0.7	49.41
Toluene	5	0.22
1,1,1 Trichloroethane	5	4.14
Trichloroethylene	5	13.86
Vinyl Chloride	1	16.35
Xylene, o	5	0.08
Xylene, m&p	5	0.09
Xylene, o,m&p	50	0.17
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in New Chemicals Act and modified by 17/1993 Act of NY Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



Jun 17, 1993

WELL

4

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	379.36
Benzene (ND)	0	0.69
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.19
Chlorodibromomethane	50***	0
Chloroethane	5	0.05
Chloroform	100***	0.61
Dichlorobenzene, o&p	4.7	7.38
Dichlorobenzene, o,m&p	50	7.72
1,1 Dichloroethane	5	0.69
1,2 Dichloroethane	5	0.16
1,1 Dichloroethene	0.07	0.53
cis-1,2 Dichloroethene	5	12.52
trans-1,2 Dichloroethene	5	0
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.17
Methylene Chloride	5	5.97
Tetrachloroethene	0.7	326.2
Toluene	5	0.17
1,1,1 Trichloroethane	5	0.44
Trichloroethylene	5	5.02
Vinyl Chloride	1	1.02
Xylene, o	5	17.01
Xylene, m&p	5	0.2
Xylene, o,m&p	50	17.21
fourTrihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Clean Water Act and modified by 11/10/92 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l

Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



Jun 17, 1983

WELL

6

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	768.22
Benzene (ND)	0	11.2
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.6
Chlorodibromomethane	50***	0
Chloroethane	5	0.17
Chloroform	100***	1.83
Dichlorobenzene, o&p	4.7	3.04
Dichlorobenzene, o,m&p	50	3.22
1,1 Dichloroethane	5	0.28
1,2 Dichloroethane	5	1.06
1,1 Dichloroethene	0.07	0.66
cis-1,2 Dichloroethene	5	34.01
trans-1,2 Dichloroethene	5	0
1,2 Dichloropropane	5	0
Ethylbenzene	5	0
Methylene Chloride	5	11.58
Tetrachloroethene	0.7	637.32
Toluene	5	0.18
1,1,1 Trichloroethane	5	5.32
Trichloroethylene	5	57.1
Vinyl Chloride	1	0
Xylene, o	5	3.54
Xylene, m&p	5	0.15
Xylene, o,m&p	50	3.69
fourTrihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 1/1/1983 letter to the Town.

** Compounds exceeding allowable 1-1-1-1-1-1-1 concentrations are highlighted

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



Jun 24, 1993

WELL.

1

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	44.95
Benzene (ND)	0	4.88
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	1.15
Chlorodibromomethane	50***	0
Chloroethane	5	1.99
Chloroform	100***	0.5
Dichlorobenzene, o&p	4.7	5.55
Dichlorobenzene, o,m&p	50	5.7
1,1 Dichloroethane	5	2.3
1,2 Dichloroethane	5	0.31
1,1 Dichloroethene	0.07	0.77
cis-1,2 Dichloroethene	5	10.38
trans-1,2 Dichloroethene	5	0.16
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.07
Methylene Chloride	5	6.78
Tetrachloroethene	0.7	3.77
Toluene	5	0.04
1,1,1 Trichloroethane	5	0.26
Trichloroethylene	5	1.87
Vinyl Chloride	1	3.89
Xylene, o	5	0.1
Xylene, m&p	5	0.03
Xylene, o,m&p	50	0.13
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/88 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



Jun 24, 1993

WELL

2

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	55.63
Benzene (ND)	0	3.4
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	2.24
Chlorodibromomethane	50***	0
Chloroethane	5	3.36
Chloroform	100***	0.44
Dichlorobenzene, o&p	4.7	7.47
Dichlorobenzene, o,m&p	50	7.65
1,1 Dichloroethane	5	3.96
1,2 Dichloroethane	5	0.31
1,1 Dichloroethene	0.07	0.78
cis-1,2 Dichloroethene	5	14.9
trans-1,2 Dichloroethene	5	0.22
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.1
Methylene Chloride	5	6.67
Tetrachloroethene	0.7	5.09
Toluene	5	0.07
1,1,1 Trichloroethane	5	0.83
Trichloroethylene	5	2.9
Vinyl Chloride	1	2.4
Xylene, o	5	0.16
Xylene, m&p	5	0.06
Xylene, o,m&p	50	0.21
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/92 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



Jun 24, 1993

WELL

3

Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	433.81
Benzene (ND)	0	19.35
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	2.9
Chlorodibromomethane	50***	0
Chloroethane	5	9.65
Chloroform	100***	2.9
Dichlorobenzene, o&p	4.7	3.61
Dichlorobenzene, o,m&p	50	3.85
1,1 Dichloroethane	5	29.17
1,2 Dichloroethane	5	0.86
1,1 Dichloroethene	0.07	0.65
cis-1,2 Dichloroethene	5	229.69
trans-1,2 Dichloroethene	5	0.89
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.15
Methylene Chloride	5	25.33
Tetrachloroethene	0.7	63.18
Toluene	5	0.24
1,1,1 Trichloroethane	5	3.21
Trichloroethylene	5	17.22
Vinyl Chloride	1	24.42
Xylene, o	5	0.09
Xylene, m&p	5	0.08
Xylene, o,m&p	50	0.17
four trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/88 letter to the Town

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility

ORGANICS ANALYSIS REPORT



Jun 24, 1993

WELL

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Chemical Constituent	Concentration	
	Allowed *	Measured **
	(ug/l)	(ug/l)
Total VOCs	100	429.95
Benzene (ND)	0	0.64
Bromodichloromethane	50***	0
Bromotorm	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	0
Chlorodibromomethane	50***	0
Chloroethane	5	0
Chloroform	100***	0.38
Dichlorobenzene, o&p	4.7	0.69
Dichlorobenzene, o.m&p	50	0.81
1,1 Dichloroethane	5	1.06
1,2 Dichloroethane	5	0.19
1,1 Dichloroethene	0.07	0.43
cis-1,2 Dichloroethene	5	15.36
trans-1,2 Dichloroethene	5	0
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.01
Methylene Chloride	5	13.02
Tetrachloroethene	0.7	389.55
Toluene	5	0.11
1,1,1 Trichloroethane	5	0.71
Trichloroethylene	5	5.98
Vinyl Chloride	1	1.58
Xylene, o	5	0.09
Xylene, m&p	5	0.03
Xylene, o.m&p	50	0.12
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/88 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.

Organics Analysis Report

TOWN OF OYSTER BAY

Department of Public Works
Groundwater Treatment Facility
ORGANICS ANALYSIS REPORT



Jun 24, 1993

WELL

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Chemical Constituent	Concentration	
	Allowed * (ug/l)	Measured ** (ug/l)
Total VOCs	100	858.61
Benzene (ND)	0	12.96
Bromodichloromethane	50***	0
Bromoform	50***	0
Carbon Tetrachloride	5	0
Chlorobenzene	5	0.53
Chlorodibromomethane	50***	0
Chloroethane	5	0
Chloroform	100***	1.03
Dichlorobenzene, o&p	4.7	8.28
Dichlorobenzene, o,m&p	50	4.36
1,1 Dichloroethane	5	0.63
1,2 Dichloroethane	5	0.68
1,1 Dichloroethene	0.07	0.47
cis-1,2 Dichloroethene	5	38.31
trans-1,2 Dichloroethene	5	0
1,2 Dichloropropane	5	0
Ethylbenzene	5	0.43
Methylene Chloride	5	26.95
Tetrachloroethane	0.7	696.16
Toluene	5	0.35
1,1,1 Trichloroethane	5	4.73
Trichloroethylene	5	65.03
Vinyl Chloride	1	0
Xylene, o	5	4.44
Xylene, m&p	5	0.57
Xylene, o,m&p	50	5.01
four Trihalomethanes (***)	100	0

* Regulatory effluent discharge standards as specified in the Consent Decree and modified by 11/10/92 letter to the Town.

** Compounds exceeding allowable EFFLUENT concentrations are highlighted.

*** Total concentration of these four trihalomethanes shall not exceed 100 ug/l.