

THIRD QUARTERLY REPORT

INITIAL YEAR OF GROUNDWATER TREATMENT FACILITY OPERATION

VOLUME 2 of 2



SUBMITTED TO:

**TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS**

APRIL 1993

THIRD QUARTERLY REPORT
INITIAL YEAR
OF
GROUNDWATER TREATMENT FACILITY OPERATION

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS

Prepared By:
Lockwood, Kessler & Bartlett, Inc.
Consulting Engineers
One Aerial Way
Syosset, New York 11791

APRIL 1993



TABLE OF CONTENTS

	<u>Page No.</u>
SECTION 1.0 - INTRODUCTION	
1.1 Purpose of this Document	1
1.2 Scope of this Document	1
SECTION 2.0 - BACKGROUND INFORMATION	
2.1 Site History	2
2.2 Consent Decree Requirements Pertaining to Plume Remediation	3
2.2.1 Requirements for Groundwater Monitoring	3
2.2.2 Treatment Facility Discharge Limitations and Monitoring Requirements	4
SECTION 3.0 - GROUNDWATER TREATMENT FACILITY OPERATIONS	
3.1 Theory of Operation	9
3.2 Physical Plant	9
3.3 Initial Operating Conditions	10
3.4 Monitoring Functions	10
3.4.1 Daily Operations Reports	10
3.4.2 Organic Analyses Reports	10
3.4.3 Inorganic Analyses Reports	11
3.4.4 State Pollution discharge Elimination System (SPDES) Reports	11
3.4.5 Air Stripper Emissions Testing	13
SECTION 4.0 - GROUNDWATER MONITORING PROGRAM	
4.1 General	14
4.1.1 Field Sampling Protocols	14
4.1.2 Well Construction Details	15
4.2 Hydraulic Monitoring	15
4.2.1 Monthly Water Level Measurements - October, November and December, 1992	16
4.3 Groundwater Quality and Quarterly Monitoring	19
4.3.1 Analyses of Volatile Organic compound (VOC) Data - October 1992	21
4.3.2 Delineation of the VOC Plume	22
4.3.3 Analysis of Inorganic compound Data - October 1992	23
4.4 Hydraulic Evaluation of the Groundwater Remediation System	23
4.4.1 Effective Capture Zone	23
4.4.2 Effects of Mounding Due to Recharge	24
4.4.3 Evaluation of System Pumpage	25
SECTION 5.0 - DISCUSSION AND RECOMMENDATIONS	
5.1 Discussion	27
5.2 Recommendations	34
5.2.1 Groundwater Treatment Facility	34
5.2.2 Groundwater Monitoring Program	35

LIST OF TABLES

	<u>PAGE NO.</u>
1. Effluent Limitations/Volatile Organic Compounds (VOC's)	5
2. Effluent Limitations/Inorganics	6
3. Applicable Air Discharge Requirements for Air Stripping Treatment System	8
4. Analytical Methods	12

LIST OF FIGURES

1. Temporal Variation in Facility Influent	28
2. Temporal Comparison of Influent/Effluent Total VOC Concentrations	29
3. Temporal Variation in Treatment Efficiency	31
4. Temporal Variation in Wellfield VOC Concentrations	32

LIST OF APPENDICES

- A. Location Plan
- B. Daily Operations Reports, October 1 through December 31, 1992
- C. Self-Monitoring Organic Analyses
- D. Self-Monitoring Inorganic Analyses
- E. SPDES Reports
- F. "Air Stripper Stack Emissions Survey," January 1993 (second quarter results)
- G. "Quarterly Monitoring Report Third Quarter Results," February 1993

APPENDIX C

SELF-MONITORING ORGANIC ANALYSIS

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

ORGANICS ANALYSIS REPORT
EPA METHODS 801 & 802

SAMPLE ID:	21002EA	SAMPLER:	LK
LOCATION:	EFFLUENT-RAP	ANALYST:	LK
DATE:	10/02/92	TIME:	7:55 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	1.75
BENZENE	ND	0.09
BROMODICHLOROMETHANE	50 ***	0.01
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	0.07
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	0.01
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	0.05
DICHLOROBENZENE, m	4.7	0.07
DICHLOROBENZENE, p	4.7	0.11
DICHLOROBENZENE, o,m, & p	50	0.23
1,1 DICHLOROETHANE	5	0.06
1,2 DICHLOROETHANE	5	0.09
1,1 DICHLOROETHENE	0.07	0.00
1,2 DICHLOROETHENE, cis	50	0.51
1,2 DICHLOROETHENE, trans	5	0.01
1,2 DICHLOROPROPANE	5	0.01
ETHYLBENZENE	50	0.08
METHYLENE CHLORIDE	5	0.12
TETRACHLOROETHENE	0.7	0.24
TOLUENE	5	0.09
1,1,1 TRICHLOROETHANE	5	0.04
TRICHLOROETHYLENE	5	0.04
VINYL CHLORIDE	2	0.00
XYLENE, o	5	0.08
XYLENE, m & p	5	0.04
XYLENE, o, m & p	50	0.10

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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 EPA METHODS 601 & 602

SAMPLE ID:	210021A	SAMPLER:	LK
LOCATION:	INFLUENT-RAP	ANALYST:	LK
DATE:	10/02/92	TIME:	8:00 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	221.51
BENZENE	ND	4.85
BROMODICHLOROMETHANE	50	0.25
BROMOFORM	50	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	0.72
CHLORODIBROMOMETHANE	50	0.00
CHLOROETHANE	5	1.68
CHLOROFORM	100	0.00
DICHLOROBENZENE, o	4.7	1.23
DICHLOROBENZENE, m	4.7	0.31
DICHLOROBENZENE, p	4.7	2.15
DICHLOROBENZENE, o,m, & p	50	3.89
1,1 DICHLOROETHANE	5	9.06
1,2 DICHLOROETHANE	5	1.49
1,1 DICHLOROETHENE	0.07	0.20
1,2 DICHLOROETHENE, cis	50	44.82
1,2 DICHLOROETHENE, trans	5	0.09
1,2 DICHLOROPROPANE	5	1.12
ETHYLBENZENE	50	0.11
METHYLENE CHLORIDE	5	8.73
TETRACHLOROETHENE	0.7	123.92
TOLUENE	5	0.19
1,1,1 TRICHLOROETHANE	5	2.93
TRICHLOROETHYLENE	5	8.89
VINYL CHLORIDE	2	7.97
XYLENE, o	5	2.82
XYLENE, m & p	5	0.08
XYLENE, o, m & p	50	3.00

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TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

ORGANICS ANALYSIS REPORT
EPA METHODS 801 & 802

SAMPLE ID:	21005EA	SAMPLER:	LK
LOCATION:	EFFLUENT-RAP	ANALYST:	LK
DATE:	10/05/92	TIME:	7:43 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	1.90
BENZENE	ND	0.07
BROMODICHLOROMETHANE	50 ***	0.02
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.01
CHLOROBENZENE	5	0.00
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	0.01
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	0.08
DICHLOROBENZENE, m	4.7	0.07
DICHLOROBENZENE, p	4.7	0.13
DICHLOROBENZENE, o,m, & p	50	0.28
1,1 DICHLOROETHANE	5	0.06
1,2 DICHLOROETHANE	5	0.08
1,1 DICHLOROETHENE	0.07	0.02
1,2 DICHLOROETHENE, cis	50	0.56
1,2 DICHLOROETHENE, trans	5	0.02
1,2 DICHLOROPROPANE	5	0.03
ETHYLBENZENE	50	0.04
METHYLENE CHLORIDE	5	0.14
TETRACHLOROETHENE	0.7	0.30
TOLUENE	5	0.03
1,1,1 TRICHLOROETHANE	5	0.08
TRICHLOROETHYLENE	5	0.09
VINYL CHLORIDE	2	0.01
XYLENE, o	5	0.06
XYLENE, m & p	5	0.08
XYLENE, o, m & p	50	0.09

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TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

ORGANICS ANALYSIS REPORT
EPA METHODS 601 & 602

SAMPLE ID:	210051A	SAMPLE:	LK
LOCATION:	INFLUENT-RAP	ANALYST:	LK
DATE:	10/05/92	TIME:	7:45 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	288.87
BENZENE	ND	6.08
BROMODICHLOROMETHANE	50	0.30
BROMOFORM	50	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	0.95
CHLORODIBROMOMETHANE	50	0.00
CHLOROETHANE	5	2.51
CHLOROFORM	100	0.00
DICHLOROBENZENE, o	4.7	0.81
DICHLOROBENZENE, m	4.7	2.58
DICHLOROBENZENE, p	4.7	2.85
DICHLOROBENZENE, o,m, & p	50	6.22
1,1 DICHLOROETHANE	5	11.38
1,2 DICHLOROETHANE	5	1.48
1,1 DICHLOROETHENE	0.07	1.28
1,2 DICHLOROETHENE, cis	50	54.12
1,2 DICHLOROETHENE, trans	5	0.13
1,2 DICHLOROPROPANE	5	1.27
ETHYLBENZENE	50	0.18
METHYLENE CHLORIDE	5	7.28
TETRACHLOROETHENE	0.7	145.10
TOLUENE	5	0.19
1,1,1 TRICHLOROETHANE	5	8.14
TRICHLOROETHYLENE	5	11.02
VINYL CHLORIDE	2	10.48
XYLENE, o	5	3.87
XYLENE, m & p	5	0.08
XYLENE, o, m & p	50	3.75

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TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

ORGANICS ANALYSIS REPORT
EPA METHODS 601 & 602

SAMPLE ID:	21007EA	SAMPLER:	LK
LOCATION:	EFFLUENT-RAP	ANALYST:	LK
DATE:	10/07/92	TIME:	7:58 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	1.62
BENZENE	ND	0.05
BROMODICHLOROMETHANE	50 ***	0.00
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	0.00
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	0.00
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	0.06
DICHLOROBENZENE, m	4.7	0.02
DICHLOROBENZENE, p	4.7	0.09
DICHLOROBENZENE, o,m, & p	50	0.17
1,1 DICHLOROETHANE	5	0.10
1,2 DICHLOROETHANE	5	0.08
1,1 DICHLOROETHENE	0.07	0.00
1,2 DICHLOROETHENE, cis	50	0.42
1,2 DICHLOROETHENE, trans	5	0.01
1,2 DICHLOROPROPANE	5	0.00
ETHYLBENZENE	50	0.01
METHYLENE CHLORIDE	5	0.21
TETRACHLOROETHENE	0.7	0.31
TOLUENE	5	0.06
1,1,1 TRICHLOROETHANE	5	0.04
TRICHLOROETHYLENE	5	0.11
VINYL CHLORIDE	2	0.00
XYLENE, o	5	0.03
XYLENE, m & p	5	0.01
XYLENE, o, m & p	50	0.04

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TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

ORGANICS ANALYSIS REPORT
EPA METHODS 601 & 602

SAMPLE ID:	210071A	SAMPLE:	LK
LOCATION:	INFLUENT-RAP	ANALYST:	LK
DATE:	10/07/92	TIME:	8:03 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	251.87
BENZENE	ND	3.24
BROMODICHLOROMETHANE	50 —	0.00
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	0.47
CHLORODIBROMOMETHANE	50 —	0.00
CHLOROETHANE	5	0.00
CHLOROFORM	100 —	0.00
DICHLOROBENZENE, o	4.7	0.58
DICHLOROBENZENE, m	4.7	0.10
DICHLOROBENZENE, p	4.7	1.85
DICHLOROBENZENE, o,m, & p	50	2.03
1,1 DICHLOROETHANE	5	12.16
1,2 DICHLOROETHANE	5	1.55
1,1 DICHLOROETHENE	0.07	0.97
1,2 DICHLOROETHENE, cis	50	37.53
1,2 DICHLOROETHENE, trans	5	0.20
1,2 DICHLOROPROPANE	5	0.00
ETHYLBENZENE	50	0.04
METHYLENE CHLORIDE	5	9.27
TETRACHLOROETHENE	0.7	161.23
TOLUENE	5	0.12
1,1,1 TRICHLOROETHANE	5	2.97
TRICHLOROETHYLENE	5	11.54
VINYL CHLORIDE	2	6.44
XYLENE, o	5	2.09
XYLENE, m & p	5	0.02
XYLENE, o, m & p	50	2.11

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TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

ORGANICS ANALYSIS REPORT
EPA METHODS 801 & 802

SAMPLE ID:	21009EA	SAMPLER:	LK
LOCATION:	EFFLUENT-RAP	ANALYST:	LK
DATE:	10/09/92	TIME:	7:45 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	2.07
BENZENE	ND	0.11
BROMODICHLOROMETHANE	50 ***	0.01
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.01
CHLOROBENZENE	5	0.06
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	0.01
CHLOROFORM	100 ***	0.04
DICHLOROBENZENE, o	4.7	0.08
DICHLOROBENZENE, m	4.7	0.08
DICHLOROBENZENE, p	4.7	0.13
DICHLOROBENZENE, o,m, & p	50	0.27
1,1 DICHLOROETHANE	5	0.07
1,2 DICHLOROETHANE	5	0.08
1,1 DICHLOROETHENE	0.07	0.00
1,2 DICHLOROETHENE, cis	50	0.52
1,2 DICHLOROETHENE, trans	5	0.01
1,2 DICHLOROPROPANE	5	0.02
ETHYLBENZENE	50	0.08
METHYLENE CHLORIDE	5	0.17
TETRACHLOROETHENE	0.7	0.28
TOLUENE	5	0.08
1,1,1 TRICHLOROETHANE	5	0.10
TRICHLOROETHYLENE	5	0.07
VINYL CHLORIDE	2	0.01
XYLENE, o	5	0.07
XYLENE, m & p	5	0.03
XYLENE, o, m & p	50	0.10

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TOWN OF OYSTER BAY

DEPARTMENT OF PUBLIC WORKS GROUNDWATER TREATMENT FACILITY

ORGANICS ANALYSIS REPORT EPA METHODS 601 & 602

SAMPLE ID:	210091A	SAMPLER:	LK
LOCATION:	INFLUENT-RAP	ANALYST:	LK
DATE:	10/09/92	TIME:	7:48 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	229.39
BENZENE	ND	5.84
BROMODICHLOROMETHANE	50 ---	0.26
BROMOFORM	50 ---	0.06
CARBON TETRACHLORIDE	6	0.00
CHLOROBENZENE	6	0.78
CHLORODIBROMOMETHANE	50 ---	0.00
CHLOROETHANE	6	2.20
CHLOROFORM	100 ---	0.00
DICHLOROBENZENE, o	4.7	0.76
DICHLOROBENZENE, m	4.7	0.21
DICHLOROBENZENE, p	4.7	2.24
DICHLOROBENZENE, o,m, & p	60	3.21
1,1 DICHLOROETHANE	6	8.90
1,2 DICHLOROETHANE	6	1.37
1,1 DICHLOROETHENE	0.07	1.06
1,2 DICHLOROETHENE, cis	50	42.08
1,2 DICHLOROETHENE, trans	6	0.62
1,2 DICHLOROPROPANE	6	1.18
ETHYLBENZENE	60	0.11
METHYLENE CHLORIDE	6	7.34
TETRACHLOROETHENE	0.7	130.96
TOLUENE	6	0.21
1,1,1 TRICHLOROETHANE	6	8.22
TRICHLOROETHYLENE	6	10.70
VINYL CHLORIDE	2	6.06
XYLENE, o	6	3.39
XYLENE, m & p	6	0.07
XYLENE, o, m & p	60	3.48

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GROUNDWATER TREATMENT FACILITY

ORGANICS ANALYSIS REPORT
EPA METHODS 801 & 802

SAMPLE ID:	21013EA	SAMPLER:	LK
LOCATION:	EFFLUENT-RAP	ANALYST:	LK
DATE:	10/13/92	TIME:	

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	1.55
BENZENE	ND	0.09
BROMODICHLOROMETHANE	50 ***	0.00
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.01
CHLOROBENZENE	5	0.09
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	0.01
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	0.08
DICHLOROBENZENE, m	4.7	0.07
DICHLOROBENZENE, p	4.7	0.12
DICHLOROBENZENE, o,m, & p	50	0.27
1,1 DICHLOROETHANE	5	0.06
1,2 DICHLOROETHANE	5	0.06
1,1 DICHLOROETHENE	0.07	0.01
1,2 DICHLOROETHENE, cis	50	0.31
1,2 DICHLOROETHENE, trans	5	0.03
1,2 DICHLOROPROPANE	5	0.01
ETHYLBENZENE	50	0.04
METHYLENE CHLORIDE	5	0.12
TETRACHLOROETHENE	0.7	0.17
TOLUENE	5	0.07
1,1,1 TRICHLOROETHANE	5	0.02
TRICHLOROETHYLENE	5	0.09
VINYL CHLORIDE	2	0.01
XYLENE, o	5	0.05
XYLENE, m & p	5	0.03
XYLENE, o, m & p	50	0.08

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TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

ORGANICS ANALYSIS REPORT
EPA METHODS 601 & 602

SAMPLE ID:	210131A	SAMPLER:	LK
LOCATION:	INFLUENT-RAP	ANALYST:	LK
DATE:	10/13/92	TIME:	7:50 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	242.39
BENZENE	ND	6.28
BROMODICHLOROMETHANE	50 ***	0.33
BROMOFORM	50 ***	0.09
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	0.83
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	1.28
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	0.70
DICHLOROBENZENE, m	4.7	0.23
DICHLOROBENZENE, p	4.7	2.46
DICHLOROBENZENE, o,m, & p	50	3.39
1,1 DICHLOROETHANE	5	10.08
1,2 DICHLOROETHANE	5	1.29
1,1 DICHLOROETHENE	0.07	0.86
1,2 DICHLOROETHENE, cis	50	45.04
1,2 DICHLOROETHENE, trans	5	0.24
1,2 DICHLOROPROPANE	5	1.17
ETHYLBENZENE	50	0.18
METHYLENE CHLORIDE	5	7.57
TETRACHLOROETHENE	0.7	139.15
TOLUENE	5	0.18
1,1,1 TRICHLOROETHANE	5	8.19
TRICHLOROETHYLENE	5	10.45
VINYL CHLORIDE	2	7.04
XYLENE, o	5	3.72
XYLENE, m & p	5	0.08
XYLENE, o, m & p	50	3.80

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 601 & 602

SAMPLE ID:	21016EA	SAMPLER:	LK
LOCATION:	EFFLUENT-RAP	ANALYST:	LK
DATE:	10/16/92	TIME:	7:50 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	1.15
BENZENE	ND	0.06
BROMODICHLOROMETHANE	50 ***	0.00
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	0.07
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	0.00
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	0.04
DICHLOROBENZENE, m	4.7	0.04
DICHLOROBENZENE, p	4.7	0.07
DICHLOROBENZENE, o,m, & p	50	0.15
1,1 DICHLOROETHANE	5	0.03
1,2 DICHLOROETHANE	5	0.05
1,1 DICHLOROETHENE	0.07	0.00
1,2 DICHLOROETHENE, cis	50	0.33
1,2 DICHLOROETHENE, trans	5	0.00
1,2 DICHLOROPROPANE	5	0.01
ETHYLBENZENE	50	0.02
METHYLENE CHLORIDE	5	0.06
TETRACHLOROETHENE	0.7	0.16
TOLUENE	5	0.04
1,1,1 TRICHLOROETHANE	5	0.08
TRICHLOROETHYLENE	5	0.04
VINYL CHLORIDE	2	0.00
XYLENE, o	5	0.09
XYLENE, m & p	5	0.01
XYLENE, o, m & p	50	0.10

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 601 & 602

SAMPLE ID:	210161A	SAMPLER:	LK
LOCATION:	INFLUENT-RAP	ANALYST:	LK
DATE:	10/16/92	TIME:	7:55 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	241.04
BENZENE	ND	5.76
BROMODICHLOROMETHANE	60	0.00
BROMOFORM	60	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	0.98
CHLORODIBROMOMETHANE	60	0.00
CHLOROETHANE	5	1.47
CHLOROFORM	100	0.00
DICHLOROBENZENE, o	4.7	1.28
DICHLOROBENZENE, m	4.7	0.16
DICHLOROBENZENE, p	4.7	2.24
DICHLOROBENZENE, o,m, & p	60	3.63
1,1 DICHLOROETHANE	5	10.23
1,2 DICHLOROETHANE	5	1.36
1,1 DICHLOROETHENE	0.07	0.67
1,2 DICHLOROETHENE, cis	60	53.17
1,2 DICHLOROETHENE, trans	5	0.18
1,2 DICHLOROPROPANE	5	0.79
ETHYLBENZENE	60	0.18
METHYLENE CHLORIDE	5	7.48
TETRACHLOROETHENE	0.7	132.69
TOLUENE	5	0.17
1,1,1 TRICHLOROETHANE	5	8.01
TRICHLOROETHYLENE	5	10.37
VINYL CHLORIDE	2	5.48
XYLENE, o	5	3.41
XYLENE, m & p	5	0.05
XYLENE, o, m & p	60	3.48

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 801 & 802

SAMPLE ID:	21019EA	SAMPLER:	LK
LOCATION:	EFFLUENT-RAP	ANALYST:	LK
DATE:	10/19/92	TIME:	7:45 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	1.52
BENZENE	ND	0.07
BROMODICHLOROMETHANE	50 ***	0.00
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.01
CHLOROBENZENE	5	0.10
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	0.00
CHLOROFORM	100 ***	0.02
DICHLOROBENZENE, o	4.7	0.04
DICHLOROBENZENE, m	4.7	0.08
DICHLOROBENZENE, p	4.7	0.10
DICHLOROBENZENE, o,m, & p	50	0.20
1,1 DICHLOROETHANE	5	0.06
1,2 DICHLOROETHANE	5	0.07
1,1 DICHLOROETHENE	0.07	0.00
1,2 DICHLOROETHENE, cis	50	0.41
1,2 DICHLOROETHENE, trans	5	0.04
1,2 DICHLOROPROPANE	5	0.01
ETHYLBENZENE	50	0.08
METHYLENE CHLORIDE	5	0.12
TETRACHLOROETHENE	0.7	0.17
TOLUENE	5	0.05
1,1,1 TRICHLOROETHANE	5	0.02
TRICHLOROETHYLENE	5	0.05
VINYL CHLORIDE	2	0.00
XYLENE, o	5	0.08
XYLENE, m & p	5	0.02
XYLENE, o, m & p	50	0.10

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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 EPA METHODS 801 & 802

SAMPLE ID:	210191A	SAMPLE:	LK
LOCATION:	INFLUENT-RAP	ANALYST:	LK
DATE:	10/19/92	TIME:	7:43 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	267.87
BENZENE	ND	6.58
BROMODICHLOROMETHANE	60	0.13
BROMOFORM	60	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	1.14
CHLORODIBROMOMETHANE	60	0.00
CHLOROETHANE	5	1.88
CHLOROFORM	100	0.00
DICHLOROBENZENE, o	4.7	0.54
DICHLOROBENZENE, m	4.7	0.18
DICHLOROBENZENE, p	4.7	2.54
DICHLOROBENZENE, o,m, & p	60	3.28
1,1 DICHLOROETHANE	5	11.15
1,2 DICHLOROETHANE	5	1.34
1,1 DICHLOROETHENE	0.07	0.67
1,2 DICHLOROETHENE, cis	60	60.85
1,2 DICHLOROETHENE, trans	5	0.35
1,2 DICHLOROPROPANE	5	1.00
ETHYLBENZENE	60	0.13
METHYLENE CHLORIDE	5	7.55
TETRACHLOROETHENE	0.7	145.20
TOLUENE	5	0.19
1,1,1 TRICHLOROETHANE	5	2.94
TRICHLOROETHYLENE	5	12.08
VINYL CHLORIDE	2	7.45
XYLENE, o	5	3.99
XYLENE, m & p	5	0.06
XYLENE, o, m & p	60	4.05

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** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 601 & 602

SAMPLE ID:	21021EA	SAMPLER:	LK
LOCATION:	EFFLUENT-RAP	ANALYST:	LK
DATE:	10/21/92	TIME:	8:00 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	1.32
BENZENE	ND	0.06
BROMODICHLOROMETHANE	50 ***	0.00
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	0.00
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	0.00
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	0.06
DICHLOROBENZENE, m	4.7	0.06
DICHLOROBENZENE, p	4.7	0.08
DICHLOROBENZENE, o,m, & p	50	0.19
1,1 DICHLOROETHANE	5	0.08
1,2 DICHLOROETHANE	5	0.06
1,1 DICHLOROETHENE	0.07	0.00
1,2 DICHLOROETHENE, cis	50	0.35
1,2 DICHLOROETHENE, trans	5	0.03
1,2 DICHLOROPROPANE	5	0.00
ETHYLBENZENE	50	0.08
METHYLENE CHLORIDE	5	0.07
TETRACHLOROETHENE	0.7	0.15
TOLUENE	5	0.03
1,1,1 TRICHLOROETHANE	5	0.02
TRICHLOROETHYLENE	5	0.05
VINYL CHLORIDE	2	0.14
XYLENE, o	5	0.05
XYLENE, m & p	5	0.01
XYLENE, o, m & p	50	0.06

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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 EPA METHODS 801 & 802

SAMPLE ID:	210211A	SAMPLER:	LK
LOCATION:	INFLUENT-RAP	ANALYST:	LK
DATE:	10/21/92	TIME:	8:05 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	248.14
BENZENE	ND	5.98
BROMODICHLOROMETHANE	50 ***	0.10
BROMOFORM	50 ***	0.15
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	1.16
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	1.58
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	0.99
DICHLOROBENZENE, m	4.7	0.20
DICHLOROBENZENE, p	4.7	2.39
DICHLOROBENZENE, o,m, & p	50	3.58
1,1 DICHLOROETHANE	5	10.48
1,2 DICHLOROETHANE	5	1.38
1,1 DICHLOROETHENE	0.07	0.08
1,2 DICHLOROETHENE, cis	50	58.23
1,2 DICHLOROETHENE, trans	5	0.21
1,2 DICHLOROPROPANE	5	0.00
ETHYLBENZENE	50	0.14
METHYLENE CHLORIDE	5	7.70
TETRACHLOROETHENE	0.7	135.11
TOLUENE	5	0.15
1,1,1 TRICHLOROETHANE	5	2.56
TRICHLOROETHYLENE	5	11.18
VINYL CHLORIDE	2	6.75
XYLENE, o	5	3.84
XYLENE, m & p	5	0.05
XYLENE, o, m & p	50	3.89

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 601 & 602

SAMPLE ID:	21023EA	SAMPLER:	LK
LOCATION:	EFFLUENT-RAP	ANALYST:	LK
DATE:	10/23/92	TIME:	7:42 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	1.23
BENZENE	ND	0.08
BROMODICHLOROMETHANE	50 ***	0.00
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	0.08
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	0.00
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	0.04
DICHLOROBENZENE, m	4.7	0.15
DICHLOROBENZENE, p	4.7	0.10
DICHLOROBENZENE, o,m, & p	50	0.29
1,1 DICHLOROETHANE	5	0.02
1,2 DICHLOROETHANE	5	0.04
1,1 DICHLOROETHENE	0.07	0.00
1,2 DICHLOROETHENE, cis	50	0.23
1,2 DICHLOROETHENE, trans	5	0.00
1,2 DICHLOROPROPANE	5	0.00
ETHYLBENZENE	50	0.08
METHYLENE CHLORIDE	5	0.06
TETRACHLOROETHENE	0.7	0.14
TOLUENE	5	0.06
1,1,1 TRICHLOROETHANE	5	0.10
TRICHLOROETHYLENE	5	0.02
VINYL CHLORIDE	2	0.00
XYLENE, o	5	0.06
XYLENE, m & p	5	0.02
XYLENE, o, m & p	50	0.08

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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 EPA METHODS 601 & 602

SAMPLE ID:	210231A	SAMPLE:	LK
LOCATION:	INFLUENT-RAP	ANALYST:	LK
DATE:	10/23/92	TIME:	7:45 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	214.40
BENZENE	ND	4.88
BROMODICHLOROMETHANE	50	0.22
BROMOFORM	50	0.19
CARBON TETRACHLORIDE	5	0.07
CHLOROBENZENE	5	0.84
CHLORODIBROMOMETHANE	50	0.00
CHLOROETHANE	5	1.82
CHLOROFORM	100	0.00
DICHLOROBENZENE, o	4.7	0.90
DICHLOROBENZENE, m	4.7	0.19
DICHLOROBENZENE, p	4.7	1.92
DICHLOROBENZENE, o,m, & p	50	3.01
1,1 DICHLOROETHANE	5	8.64
1,2 DICHLOROETHANE	5	1.45
1,1 DICHLOROETHENE	0.07	0.78
1,2 DICHLOROETHENE, cis	50	45.59
1,2 DICHLOROETHENE, trans	5	0.20
1,2 DICHLOROPROPANE	5	1.01
ETHYLBENZENE	50	0.08
METHYLENE CHLORIDE	5	8.40
TETRACHLOROETHENE	0.7	120.96
TOLUENE	5	0.12
1,1,1 TRICHLOROETHANE	5	2.15
TRICHLOROETHYLENE	5	9.00
VINYL CHLORIDE	2	4.69
XYLENE, o	5	2.81
XYLENE, m & p	5	0.04
XYLENE, o, m & p	50	2.85

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 801 & 802

SAMPLE ID:	21026EA	SAMPLER:	LK
LOCATION:	EFFLUENT-RAP	ANALYST:	LK
DATE:	10/26/92	TIME:	10:45 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	0.88
BENZENE	ND	0.04
BROMODICHLOROMETHANE	50 ***	0.01
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.01
CHLOROBENZENE	5	0.05
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	0.00
CHLOROFORM	100 ***	0.01
DICHLOROBENZENE, o	4.7	0.04
DICHLOROBENZENE, m	4.7	0.04
DICHLOROBENZENE, p	4.7	0.06
DICHLOROBENZENE, o,m, & p	50	0.14
1,1 DICHLOROETHANE	5	0.03
1,2 DICHLOROETHANE	5	0.03
1,1 DICHLOROETHENE	0.07	0.00
1,2 DICHLOROETHENE, cis	50	0.25
1,2 DICHLOROETHENE, trans	5	0.00
1,2 DICHLOROPROPANE	5	0.01
ETHYLBENZENE	50	0.02
METHYLENE CHLORIDE	5	0.03
TETRACHLOROETHENE	0.7	0.09
TOLUENE	5	0.02
1,1,1 TRICHLOROETHANE	5	0.05
TRICHLOROETHYLENE	5	0.03
VINYL CHLORIDE	2	0.00
XYLENE, o	5	0.05
XYLENE, m & p	5	0.01
XYLENE, o, m & p	50	0.06

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 601 & 602

SAMPLE ID:	210261A	SAMPLER:	LK
LOCATION:	INFLUENT-RAP	ANALYST:	LK
DATE:	10/26/92	TIME:	10:47 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	202.58
BENZENE	ND	4.58
BROMODICHLOROMETHANE	50 ***	0.18
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	0.90
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	1.18
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	0.81
DICHLOROBENZENE, m	4.7	0.29
DICHLOROBENZENE, p	4.7	2.07
DICHLOROBENZENE, o,m, & p	50	3.17
1,1 DICHLOROETHANE	5	9.23
1,2 DICHLOROETHANE	5	1.38
1,1 DICHLOROETHENE	0.07	0.58
1,2 DICHLOROETHENE, cis	50	49.55
1,2 DICHLOROETHENE, trans	5	0.30
1,2 DICHLOROPROPANE	5	0.87
ETHYLBENZENE	50	0.15
METHYLENE CHLORIDE	5	6.47
TETRACHLOROETHENE	0.7	104.79
TOLUENE	5	0.14
1,1,1 TRICHLOROETHANE	5	2.67
TRICHLOROETHYLENE	5	7.40
VINYL CHLORIDE	2	5.71
XYLENE, o	5	3.23
XYLENE, m & p	5	0.08
XYLENE, o, m & p	50	3.31

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 801 & 802

SAMPLE ID:	21028EA	SAMPLER:	LK
LOCATION:	EFFLUENT-RAP	ANALYST:	LK
DATE:	10/28/92	TIME:	8:20 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	3.09
BENZENE	ND	0.18
BROMODICHLOROMETHANE	50 ***	0.00
BROMOFORM	50 ***	0.01
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	0.18
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	0.01
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	0.09
DICHLOROBENZENE, m	4.7	0.08
DICHLOROBENZENE, p	4.7	0.19
DICHLOROBENZENE, o,m, & p	50	0.36
1,1 DICHLOROETHANE	5	0.09
1,2 DICHLOROETHANE	5	0.11
1,1 DICHLOROETHENE	0.07	0.02
1,2 DICHLOROETHENE, cis	50	0.84
1,2 DICHLOROETHENE, trans	5	0.02
1,2 DICHLOROPROPANE	5	0.02
ETHYLBENZENE	50	0.04
METHYLENE CHLORIDE	5	0.14
TETRACHLOROETHENE	0.7	0.88
TOLUENE	5	0.40
1,1,1 TRICHLOROETHANE	5	0.03
TRICHLOROETHYLENE	5	0.18
VINYL CHLORIDE	2	0.00
XYLENE, o	5	0.10
XYLENE, m & p	5	0.03
XYLENE, o, m & p	50	0.13

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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 EPA METHODS 801 & 802

SAMPLE ID:	210281A	SAMPLE:	LK
LOCATION:	INFLUENT-RAP	ANALYST:	LK
DATE:	10/28/92	TIME:	8:25 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	281.20
BENZENE	ND	6.75
BROMODICHLOROMETHANE	50 ***	0.24
BROMOFORM	50 ***	0.07
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	1.03
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	1.94
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	1.26
DICHLOROBENZENE, m	4.7	0.24
DICHLOROBENZENE, p	4.7	2.89
DICHLOROBENZENE, o,m, & p	50	4.39
1,1 DICHLOROETHANE	5	11.67
1,2 DICHLOROETHANE	5	1.95
1,1 DICHLOROETHENE	0.07	0.68
1,2 DICHLOROETHENE, cis	50	61.85
1,2 DICHLOROETHENE, trans	5	0.28
1,2 DICHLOROPROPANE	5	1.24
ETHYLBENZENE	50	0.00
METHYLENE CHLORIDE	5	8.85
TETRACHLOROETHENE	0.7	153.38
TOLUENE	5	0.16
1,1,1 TRICHLOROETHANE	5	4.08
TRICHLOROETHYLENE	5	12.90
VINYL CHLORIDE	2	7.83
XYLENE, o	5	3.87
XYLENE, m & p	5	0.04
XYLENE, o, m & p	50	3.91

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 801 & 802

SAMPLE ID:	21030EA	SAMPLER:	LK
LOCATION:	EFFLUENT-RAP	ANALYST:	LK
DATE:	10/30/92	TIME:	7:45 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	2.08
BENZENE	ND	0.09
BROMODICHLOROMETHANE	50 ***	0.00
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	0.09
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	0.00
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	0.08
DICHLOROBENZENE, m	4.7	0.08
DICHLOROBENZENE, p	4.7	0.15
DICHLOROBENZENE, o,m, & p	50	0.31
1,1 DICHLOROETHANE	5	0.08
1,2 DICHLOROETHANE	5	0.10
1,1 DICHLOROETHENE	0.07	0.00
1,2 DICHLOROETHENE, cis	50	0.85
1,2 DICHLOROETHENE, trans	5	0.00
1,2 DICHLOROPROPANE	5	0.01
ETHYLBENZENE	50	0.02
METHYLENE CHLORIDE	5	0.11
TETRACHLOROETHENE	0.7	0.84
TOLUENE	5	0.03
1,1,1 TRICHLOROETHANE	5	0.09
TRICHLOROETHYLENE	5	0.05
VINYL CHLORIDE	2	0.00
XYLENE, o	5	0.09
XYLENE, m & p	5	0.02
XYLENE, o, m & p	50	0.11

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 801 & 802

SAMPLE ID:	210301A	SAMPLER:	LK
LOCATION:	INFLUENT-RAP	ANALYST:	LK
DATE:	10/30/92	TIME:	7:47 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	248.92
BENZENE	ND	5.99
BROMODICHLOROMETHANE	50	0.10
BROMOFORM	50	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	0.81
CHLORODIBROMOMETHANE	50	0.00
CHLOROETHANE	5	1.58
CHLOROFORM	100	0.00
DICHLOROBENZENE, o	4.7	0.57
DICHLOROBENZENE, m	4.7	0.20
DICHLOROBENZENE, p	4.7	2.28
DICHLOROBENZENE, o,m, & p	50	3.05
1,1 DICHLOROETHANE	5	10.92
1,2 DICHLOROETHANE	5	1.51
1,1 DICHLOROETHENE	0.07	0.52
1,2 DICHLOROETHENE, cis	50	50.33
1,2 DICHLOROETHENE, trans	5	0.94
1,2 DICHLOROPROPANE	5	0.00
ETHYLBENZENE	50	0.06
METHYLENE CHLORIDE	5	7.39
TETRACHLOROETHENE	0.7	139.14
TOLUENE	5	0.12
1,1,1 TRICHLOROETHANE	5	2.55
TRICHLOROETHYLENE	5	11.83
VINYL CHLORIDE	2	6.66
XYLENE, o	5	3.39
XYLENE, m & p	5	0.08
XYLENE, o, m & p	50	3.42

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 801 & 802

SAMPLE ID:	21102EA	SAMPLER:	LK
LOCATION:	EFFLUENT-RAP	ANALYST:	LK
DATE:	11/02/92	TIME:	7:55 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	1.97
BENZENE	ND	0.08
BROMODICHLOROMETHANE	50 ***	0.00
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.01
CHLOROBENZENE	5	0.10
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	0.00
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	0.08
DICHLOROBENZENE, m	4.7	0.12
DICHLOROBENZENE, p	4.7	0.16
DICHLOROBENZENE, o,m, & p	50	0.36
1,1 DICHLOROETHANE	5	0.07
1,2 DICHLOROETHANE	5	0.10
1,1 DICHLOROETHENE	0.07	0.00
1,2 DICHLOROETHENE, cis	50	0.58
1,2 DICHLOROETHENE, trans	5	0.00
1,2 DICHLOROPROPANE	5	0.01
ETHYLBENZENE	50	0.02
METHYLENE CHLORIDE	5	0.10
TETRACHLOROETHENE	0.7	0.30
TOLUENE	5	0.02
1,1,1 TRICHLOROETHANE	5	0.06
TRICHLOROETHYLENE	5	0.05
VINYL CHLORIDE	2	0.01
XYLENE, o	5	0.08
XYLENE, m & p	5	0.02
XYLENE, o, m & p	50	0.10

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 601 & 602

SAMPLE ID:	211021A	SAMPLER:	LK
LOCATION:	INFLUENT-RAP	ANALYST:	LK
DATE:	11/02/92	TIME:	8:00 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	244.22
BENZENE	ND	6.03
BROMODICHLOROMETHANE	50 ***	0.09
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	0.88
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	1.47
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	1.11
DICHLOROBENZENE, m	4.7	0.27
DICHLOROBENZENE, p	4.7	2.44
DICHLOROBENZENE, o,m, & p	50	3.82
1,1 DICHLOROETHANE	5	10.19
1,2 DICHLOROETHANE	5	1.25
1,1 DICHLOROETHENE	0.07	0.58
1,2 DICHLOROETHENE, cis	50	49.03
1,2 DICHLOROETHENE, trans	5	0.42
1,2 DICHLOROPROPANE	5	0.88
ETHYLBENZENE	50	0.12
METHYLENE CHLORIDE	5	8.78
TETRACHLOROETHENE	0.7	136.81
TOLUENE	5	0.14
1,1,1 TRICHLOROETHANE	5	8.18
TRICHLOROETHYLENE	5	12.17
VINYL CHLORIDE	2	7.06
XYLENE, o	5	3.26
XYLENE, m & p	5	0.08
XYLENE, o, m & p	50	3.34

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 801 & 802

SAMPLE ID:	21104EA	SAMPLER:	LK
LOCATION:	EFFLUENT-RAP	ANALYST:	LK
DATE:	11/04/92	TIME:	7:45 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	1.06
BENZENE	ND	0.07
BROMODICHLOROMETHANE	50 ***	0.01
BROMOFORM	50 ***	0.01
CARBON TETRACHLORIDE	5	0.01
CHLOROBENZENE	5	0.00
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	0.01
CHLOROFORM	100 ***	0.03
DICHLOROBENZENE, o	4.7	0.06
DICHLOROBENZENE, m	4.7	0.06
DICHLOROBENZENE, p	4.7	0.06
DICHLOROBENZENE, o,m, & p	50	0.17
1,1 DICHLOROETHANE	5	0.06
1,2 DICHLOROETHANE	5	0.04
1,1 DICHLOROETHENE	0.07	0.01
1,2 DICHLOROETHENE, cis	50	0.13
1,2 DICHLOROETHENE, trans	5	0.02
1,2 DICHLOROPROPANE	5	0.02
ETHYLBENZENE	50	0.02
METHYLENE CHLORIDE	5	0.06
TETRACHLOROETHENE	0.7	0.10
TOLUENE	5	0.06
1,1,1 TRICHLOROETHANE	5	0.06
TRICHLOROETHYLENE	5	0.13
VINYL CHLORIDE	2	0.02
XYLENE, o	5	0.04
XYLENE, m & p	5	0.02
XYLENE, o, m & p	50	0.06

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 801 & 802

SAMPLE ID:	21104IA	SAMPLER:	LK
LOCATION:	INFLUENT-RAP	ANALYST:	LK
DATE:	11/04/92	TIME:	7:48 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	339.99
BENZENE	ND	8.17
BROMODICHLOROMETHANE	50 ***	0.34
BROMOFORM	50 ***	0.08
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	0.78
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	1.46
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	0.52
DICHLOROBENZENE, m	4.7	0.18
DICHLOROBENZENE, p	4.7	2.29
DICHLOROBENZENE, o,m, & p	50	2.99
1,1 DICHLOROETHANE	5	12.89
1,2 DICHLOROETHANE	5	1.91
1,1 DICHLOROETHENE	0.07	0.06
1,2 DICHLOROETHENE, cis	50	68.74
1,2 DICHLOROETHENE, trans	5	0.18
1,2 DICHLOROPROPANE	5	1.55
ETHYLBENZENE	50	0.11
METHYLENE CHLORIDE	5	7.88
TETRACHLOROETHENE	0.7	197.12
TOLUENE	5	0.17
1,1,1 TRICHLOROETHANE	5	4.68
TRICHLOROETHYLENE	5	17.47
VINYL CHLORIDE	2	8.73
XYLENE, o	5	4.67
XYLENE, m & p	5	0.06
XYLENE, o, m & p	50	4.73

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 601 & 602

SAMPLE ID:	21106EA	SAMPLER:	LK
LOCATION:	EFFLUENT-RAP	ANALYST:	LK
DATE:	11/06/92	TIME:	7:50 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	0.94
BENZENE	ND	0.04
BROMODICHLOROMETHANE	50 ***	0.00
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	0.03
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	0.00
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	0.02
DICHLOROBENZENE, m	4.7	0.02
DICHLOROBENZENE, p	4.7	0.03
DICHLOROBENZENE, o,m, & p	50	0.07
1,1 DICHLOROETHANE	5	0.01
1,2 DICHLOROETHANE	5	0.03
1,1 DICHLOROETHENE	0.07	0.00
1,2 DICHLOROETHENE, cis	50	0.16
1,2 DICHLOROETHENE, trans	5	0.00
1,2 DICHLOROPROPANE	5	0.00
ETHYLBENZENE	50	0.01
METHYLENE CHLORIDE	5	0.03
TETRACHLOROETHENE	0.7	0.40
TOLUENE	5	0.01
1,1,1 TRICHLOROETHANE	5	0.08
TRICHLOROETHYLENE	5	0.03
VINYL CHLORIDE	2	0.00
XYLENE, o	5	0.03
XYLENE, m & p	5	0.01
XYLENE, o, m & p	50	0.04

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 601 & 602

SAMPLE ID:	211061A	SAMPLER:	LK
LOCATION:	INFLUENT-RAP	ANALYST:	LK
DATE:	11/06/92	TIME:	7:55 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	331.30
BENZENE	ND	7.46
BROMODICHLOROMETHANE	50 ***	0.18
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	0.66
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	2.15
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	0.62
DICHLOROBENZENE, m	4.7	0.13
DICHLOROBENZENE, p	4.7	2.02
DICHLOROBENZENE, o,m, & p	50	2.67
1,1 DICHLOROETHANE	5	13.97
1,2 DICHLOROETHANE	5	1.43
1,1 DICHLOROETHENE	0.07	1.07
1,2 DICHLOROETHENE, cis	50	63.49
1,2 DICHLOROETHENE, trans	5	0.00
1,2 DICHLOROPROPANE	5	1.25
ETHYLBENZENE	50	0.06
METHYLENE CHLORIDE	5	7.75
TETRACHLOROETHENE	0.7	194.63
TOLUENE	5	0.13
1,1,1 TRICHLOROETHANE	5	3.14
TRICHLOROETHYLENE	5	16.67
VINYL CHLORIDE	2	10.86
XYLENE, o	5	4.34
XYLENE, m & p	5	0.03
XYLENE, o, m & p	50	4.37

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 601 & 602

SAMPLE ID:	21109EA	SAMPLE LN:	LK
LOCATION:	EFFLUENT-RAP	ANALYST:	LK
DATE:	11/09/92	TIME:	7:50 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	1.73
BENZENE	ND	0.07
BROMODICHLOROMETHANE	50 ***	0.00
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	0.08
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	0.00
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	0.06
DICHLOROBENZENE, m	4.7	0.04
DICHLOROBENZENE, p	4.7	0.08
DICHLOROBENZENE, o,m, & p	50	0.18
1,1 DICHLOROETHANE	5	0.06
1,2 DICHLOROETHANE	5	0.09
1,1 DICHLOROETHENE	0.07	0.00
1,2 DICHLOROETHENE, cis	50	0.62
1,2 DICHLOROETHENE, trans	5	0.00
1,2 DICHLOROPROPANE	5	0.00
ETHYLBENZENE	50	0.02
METHYLENE CHLORIDE	5	0.11
TETRACHLOROETHENE	0.7	0.80
TOLUENE	5	0.01
1,1,1 TRICHLOROETHANE	5	0.08
TRICHLOROETHYLENE	5	0.05
VINYL CHLORIDE	2	0.00
XYLENE, o	5	0.10
XYLENE, m & p	5	0.01
XYLENE, o, m & p	50	0.11

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 601 & 602

SAMPLE ID:	211091A	SAMPLER:	LK
LOCATION:	11/09/92	ANALYST:	LK
DATE:	INFLUENT-RAP	TIME:	7:52 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	321.01
BENZENE	ND	7.33
BROMODICHLOROMETHANE	50 ***	0.14
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	0.69
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	1.40
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	3.11
DICHLOROBENZENE, m	4.7	0.17
DICHLOROBENZENE, p	4.7	2.29
DICHLOROBENZENE, o,m, & p	50	5.57
1,1 DICHLOROETHANE	5	12.86
1,2 DICHLOROETHANE	5	1.47
1,1 DICHLOROETHENE	0.07	0.78
1,2 DICHLOROETHENE, cis	50	61.75
1,2 DICHLOROETHENE, trans	5	0.12
1,2 DICHLOROPROPANE	5	1.25
ETHYLBENZENE	50	0.08
METHYLENE CHLORIDE	5	8.05
TETRACHLOROETHENE	0.7	187.52
TOLUENE	5	0.13
1,1,1 TRICHLOROETHANE	5	3.63
TRICHLOROETHYLENE	5	18.05
VINYL CHLORIDE	2	7.98
XYLENE, o	5	4.21
XYLENE, m & p	5	0.05
XYLENE, o, m & p	50	4.26

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 801 & 802

SAMPLE ID:	21111EA	SAMPLER:	LK
LOCATION:	EFFLUENT-RAP	ANALYST:	LK
DATE:	11/11/92	TIME:	7:48 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	1.23
BENZENE	ND	0.06
BROMODICHLOROMETHANE	50 ***	0.00
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.01
CHLOROBENZENE	5	0.00
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	0.02
CHLOROFORM	100 ***	0.04
DICHLOROBENZENE, o	4.7	0.02
DICHLOROBENZENE, m	4.7	0.04
DICHLOROBENZENE, p	4.7	0.08
DICHLOROBENZENE, o,m, & p	50	0.09
1,1 DICHLOROETHANE	5	0.08
1,2 DICHLOROETHANE	5	0.04
1,1 DICHLOROETHENE	0.07	0.00
1,2 DICHLOROETHENE, cis	50	0.39
1,2 DICHLOROETHENE, trans	5	0.03
1,2 DICHLOROPROPANE	5	0.01
ETHYLBENZENE	50	0.02
METHYLENE CHLORIDE	5	0.06
TETRACHLOROETHENE	0.7	0.18
TOLUENE	5	0.02
1,1,1 TRICHLOROETHANE	5	0.08
TRICHLOROETHYLENE	5	0.05
VINYL CHLORIDE	2	0.04
XYLENE, o	5	0.04
XYLENE, m & p	5	0.02
XYLENE, o, m & p	50	0.08

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 601 & 602

SAMPLE ID:	211111A	SAMPLER:	LK
LOCATION:	INFLUENT-RAP	ANALYST:	LK
DATE:	11/11/92	TIME:	7:50 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	335.39
BENZENE	ND	7.81
BROMODICHLOROMETHANE	50 ***	0.27
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	0.75
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	1.44
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	0.48
DICHLOROBENZENE, m	4.7	0.14
DICHLOROBENZENE, p	4.7	2.24
DICHLOROBENZENE, o,m, & p	50	2.88
1,1 DICHLOROETHANE	5	12.99
1,2 DICHLOROETHANE	5	1.95
1,1 DICHLOROETHENE	0.07	0.78
1,2 DICHLOROETHENE, cis	50	63.99
1,2 DICHLOROETHENE, trans	5	0.25
1,2 DICHLOROPROPANE	5	1.32
ETHYLBENZENE	50	0.11
METHYLENE CHLORIDE	5	7.81
TETRACHLOROETHENE	0.7	197.01
TOLUENE	5	0.18
1,1,1 TRICHLOROETHANE	5	4.56
TRICHLOROETHYLENE	5	17.88
VINYL CHLORIDE	2	9.04
XYLENE, o	5	4.41
XYLENE, m & p	5	0.05
XYLENE, o, m & p	50	4.46

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 801 & 802

SAMPLE ID:	21113EA	SAMPLER:	LK
LOCATION:	EFFLUENT-RAP	ANALYST:	LK
DATE:	11/13/92	TIME:	7:50 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	1.60
BENZENE	ND	0.07
BROMODICHLOROMETHANE	50 ***	0.00
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	0.07
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	0.00
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	0.06
DICHLOROBENZENE, m	4.7	0.05
DICHLOROBENZENE, p	4.7	0.09
DICHLOROBENZENE, o,m, & p	50	0.20
1,1 DICHLOROETHANE	5	0.06
1,2 DICHLOROETHANE	5	0.08
1,1 DICHLOROETHENE	0.07	0.00
1,2 DICHLOROETHENE, cis	50	0.55
1,2 DICHLOROETHENE, trans	5	0.01
1,2 DICHLOROPROPANE	5	0.00
ETHYLBENZENE	50	0.02
METHYLENE CHLORIDE	5	0.10
TETRACHLOROETHENE	0.7	0.27
TOLUENE	5	0.01
1,1,1 TRICHLOROETHANE	5	0.08
TRICHLOROETHYLENE	5	0.04
VINYL CHLORIDE	2	0.00
XYLENE, o	5	0.07
XYLENE, m & p	5	0.01
XYLENE, o, m & p	50	0.08

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 601 & 602

SAMPLE ID:	21113IA	SAMPLER:	LK
LOCATION:	INFLUENT-RAP	ANALYST:	LK
DATE:	11/13/92	TIME:	8:00 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	385.87
BENZENE	ND	8.52
BROMODICHLOROMETHANE	50 ***	0.32
BROMOFORM	50 ***	0.10
CARBON TETRACHLORIDE	5	0.05
CHLOROBENZENE	5	0.96
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	2.71
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	1.19
DICHLOROBENZENE, m	4.7	0.28
DICHLOROBENZENE, p	4.7	2.73
DICHLOROBENZENE, o,m, & p	50	4.20
1,1 DICHLOROETHANE	5	14.03
1,2 DICHLOROETHANE	5	1.53
1,1 DICHLOROETHENE	0.07	1.16
1,2 DICHLOROETHENE, cis	50	69.51
1,2 DICHLOROETHENE, trans	5	0.45
1,2 DICHLOROPROPANE	5	1.48
ETHYLBENZENE	50	0.26
METHYLENE CHLORIDE	5	9.50
TETRACHLOROETHENE	0.7	209.56
TOLUENE	5	0.27
1,1,1 TRICHLOROETHANE	5	3.87
TRICHLOROETHYLENE	5	17.39
VINYL CHLORIDE	2	14.55
XYLENE, o	5	5.10
XYLENE, m & p	5	0.15
XYLENE, o, m & p	50	5.25

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 801 & 802

SAMPLE ID:	21116EA	SAMPLER:	LK
LOCATION:	EFFLUENT-RAP	ANALYST:	LKK
DATE:	11/16/92	TIME:	7:42 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	1.82
BENZENE	ND	0.09
BROMODICHLOROMETHANE	50 ***	0.00
BROMOFORM	50 ***	0.02
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	0.05
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	0.00
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	0.06
DICHLOROBENZENE, m	4.7	0.05
DICHLOROBENZENE, p	4.7	0.09
DICHLOROBENZENE, o,m, & p	50	0.20
1,1 DICHLOROETHANE	5	0.07
1,2 DICHLOROETHANE	5	0.09
1,1 DICHLOROETHENE	0.07	0.02
1,2 DICHLOROETHENE, cis	50	0.57
1,2 DICHLOROETHENE, trans	5	0.01
1,2 DICHLOROPROPANE	5	0.01
ETHYLBENZENE	50	0.08
METHYLENE CHLORIDE	5	0.12
TETRACHLOROETHENE	0.7	0.84
TOLUENE	5	0.03
1,1,1 TRICHLOROETHANE	5	0.02
TRICHLOROETHYLENE	5	0.05
VINYL CHLORIDE	2	0.01
XYLENE, o	5	0.07
XYLENE, m & p	5	0.02
XYLENE, o, m & p	50	0.09

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 601 & 602

SAMPLE ID:	211161A	SAMPLER:	LK
LOCATION:	INFLUENT-RAP	ANALYST:	LK
DATE:	11/16/92	TIME:	7:50 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	351.02
BENZENE	ND	8.37
BROMODICHLOROMETHANE	50 ***	0.30
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	0.97
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	2.52
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	1.05
DICHLOROBENZENE, m	4.7	1.11
DICHLOROBENZENE, p	4.7	2.59
DICHLOROBENZENE, o,m, & p	50	4.75
1,1 DICHLOROETHANE	5	12.65
1,2 DICHLOROETHANE	5	1.50
1,1 DICHLOROETHENE	0.07	0.79
1,2 DICHLOROETHENE, cis	50	67.91
1,2 DICHLOROETHENE, trans	5	0.39
1,2 DICHLOROPROPANE	5	1.55
ETHYLBENZENE	50	0.22
METHYLENE CHLORIDE	5	8.72
TETRACHLOROETHENE	0.7	200.99
TOLUENE	5	0.21
1,1,1 TRICHLOROETHANE	5	3.74
TRICHLOROETHYLENE	5	16.58
VINYL CHLORIDE	2	13.59
XYLENE, o	5	5.18
XYLENE, m & p	5	0.09
XYLENE, o, m & p	50	5.27

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 801 & 802

SAMPLE ID:	21118EA	SAMPLER:	LK
LOCATION:	EFFLUENT-RAP	ANALYST:	LK
DATE:	11/18/92	TIME:	7:45 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	1.58
BENZENE	ND	0.06
BROMODICHLOROMETHANE	50 ***	0.00
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	0.00
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	0.00
CHLOROFORM	100 ***	0.02
DICHLOROBENZENE, o	4.7	0.06
DICHLOROBENZENE, m	4.7	0.04
DICHLOROBENZENE, p	4.7	0.07
DICHLOROBENZENE, o,m, & p	50	0.17
1,1 DICHLOROETHANE	5	0.05
1,2 DICHLOROETHANE	5	0.08
1,1 DICHLOROETHENE	0.07	0.00
1,2 DICHLOROETHENE, cis	50	0.51
1,2 DICHLOROETHENE, trans	5	0.01
1,2 DICHLOROPROPANE	5	0.00
ETHYLBENZENE	50	0.01
METHYLENE CHLORIDE	5	0.17
TETRACHLOROETHENE	0.7	0.28
TOLUENE	5	0.03
1,1,1 TRICHLOROETHANE	5	0.04
TRICHLOROETHYLENE	5	0.06
VINYL CHLORIDE	2	0.02
XYLENE, o	5	0.06
XYLENE, m & p	5	0.01
XYLENE, o, m & p	50	0.07

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 801 & 802

SAMPLE ID:	211181A	SAMPLER:	LK
LOCATION:	INFLUENT-RAP	ANALYST:	LK
DATE:	11/18/92	TIME:	7:48 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	369.21
BENZENE	ND	8.52
BROMODICHLOROMETHANE	50 ***	0.28
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	0.89
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	2.37
CHLOROFORM	100 ***	2.72
DICHLOROBENZENE, o	4.7	1.05
DICHLOROBENZENE, m	4.7	0.14
DICHLOROBENZENE, p	4.7	2.50
DICHLOROBENZENE, o,m, & p	50	8.69
1,1 DICHLOROETHANE	5	13.43
1,2 DICHLOROETHANE	5	1.65
1,1 DICHLOROETHENE	0.07	0.78
1,2 DICHLOROETHENE, cis	50	70.34
1,2 DICHLOROETHENE, trans	5	0.43
1,2 DICHLOROPROPANE	5	1.84
ETHYLBENZENE	50	0.00
METHYLENE CHLORIDE	5	8.42
TETRACHLOROETHENE	0.7	207.94
TOLUENE	5	0.15
1,1,1 TRICHLOROETHANE	5	3.75
TRICHLOROETHYLENE	5	18.23
VINYL CHLORIDE	2	13.20
XYLENE, o	5	5.06
XYLENE, m & p	5	0.04
XYLENE, o, m & p	50	5.10

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 601 & 602

SAMPLE ID:	21120EA	SAMPLER:	LK
LOCATION:	EFFLUENT-RAP	ANALYST:	LK
DATE:	11/20/92	TIME:	7:50 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	1.28
BENZENE	ND	0.06
BROMODICHLOROMETHANE	50 ***	0.00
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	0.05
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	0.00
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	0.02
DICHLOROBENZENE, m	4.7	0.03
DICHLOROBENZENE, p	4.7	0.06
DICHLOROBENZENE, o,m, & p	50	0.11
1,1 DICHLOROETHANE	5	0.04
1,2 DICHLOROETHANE	5	0.08
1,1 DICHLOROETHENE	0.07	0.00
1,2 DICHLOROETHENE, cis	50	0.37
1,2 DICHLOROETHENE, trans	5	0.00
1,2 DICHLOROPROPANE	5	0.00
ETHYLBENZENE	50	0.02
METHYLENE CHLORIDE	5	0.11
TETRACHLOROETHENE	0.7	0.28
TOLUENE	5	0.02
1,1,1 TRICHLOROETHANE	5	0.04
TRICHLOROETHYLENE	5	0.09
VINYL CHLORIDE	2	0.00
XYLENE, o	5	0.05
XYLENE, m & p	5	0.01
XYLENE, o, m & p	50	0.08

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 601 & 602

SAMPLE ID:	211201A	SAMPLER:	LK
LOCATION:	INFLUENT-RAP	ANALYST:	LK
DATE:	11/20/92	TIME:	8:00 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	335.83
BENZENE	ND	7.65
BROMODICHLOROMETHANE	50 ***	0.08
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	0.74
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	2.54
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	0.38
DICHLOROBENZENE, m	4.7	0.14
DICHLOROBENZENE, p	4.7	2.38
DICHLOROBENZENE, o,m, & p	50	2.90
1,1 DICHLOROETHANE	5	13.73
1,2 DICHLOROETHANE	5	1.88
1,1 DICHLOROETHENE	0.07	0.81
1,2 DICHLOROETHENE, cis	50	64.06
1,2 DICHLOROETHENE, trans	5	0.18
1,2 DICHLOROPROPANE	5	0.00
ETHYLBENZENE	50	0.09
METHYLENE CHLORIDE	5	9.08
TETRACHLOROETHENE	0.7	189.50
TOLUENE	5	0.16
1,1,1 TRICHLOROETHANE	5	4.58
TRICHLOROETHYLENE	5	18.33
VINYL CHLORIDE	2	14.81
XYLENE, o	5	4.58
XYLENE, m & p	5	0.05
XYLENE, o, m & p	50	4.61

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 801 & 802

SAMPLE ID:	21123EA	SAMPLER:	LK
LOCATION:	EFFLUENT-RAP	ANALYST:	LK
DATE:	11/23/92	TIME:	11:20 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	1.38
BENZENE	ND	0.06
BROMODICHLOROMETHANE	50 ***	0.00
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	0.05
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	0.00
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	0.03
DICHLOROBENZENE, m	4.7	0.03
DICHLOROBENZENE, p	4.7	0.07
DICHLOROBENZENE, o,m, & p	50	0.13
1,1 DICHLOROETHANE	5	0.05
1,2 DICHLOROETHANE	5	0.08
1,1 DICHLOROETHENE	0.07	0.00
1,2 DICHLOROETHENE, cis	50	0.48
1,2 DICHLOROETHENE, trans	5	0.00
1,2 DICHLOROPROPANE	5	0.00
ETHYLBENZENE	50	0.01
METHYLENE CHLORIDE	5	0.09
TETRACHLOROETHENE	0.7	0.29
TOLUENE	5	0.03
1,1,1 TRICHLOROETHANE	5	0.01
TRICHLOROETHYLENE	5	0.04
VINYL CHLORIDE	2	0.00
XYLENE, o	5	0.05
XYLENE, m & p	5	0.01
XYLENE, o, m & p	50	0.06

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 601 & 602

SAMPLE ID:	211231A	SAMPLER:	LK
LOCATION:	INFLUENT-RAP	ANALYST:	LK
DATE:	11/23/92	TIME:	11:22 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	266.81
BENZENE	ND	5.23
BROMODICHLOROMETHANE	50 ***	0.06
BROMOFORM	50 ***	0.07
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	0.70
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	1.88
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	0.46
DICHLOROBENZENE, m	4.7	0.18
DICHLOROBENZENE, p	4.7	2.00
DICHLOROBENZENE, o,m, & p	50	2.64
1,1 DICHLOROETHANE	5	12.80
1,2 DICHLOROETHANE	5	1.45
1,1 DICHLOROETHENE	0.07	0.59
1,2 DICHLOROETHENE, cis	50	54.88
1,2 DICHLOROETHENE, trans	5	0.15
1,2 DICHLOROPROPANE	5	0.79
ETHYLBENZENE	50	0.07
METHYLENE CHLORIDE	5	7.45
TETRACHLOROETHENE	0.7	139.84
TOLUENE	5	0.16
1,1,1 TRICHLOROETHANE	5	3.45
TRICHLOROETHYLENE	5	9.58
VINYL CHLORIDE	2	10.06
XYLENE, o	5	8.95
XYLENE, m & p	5	0.03
XYLENE, o, m & p	50	8.98

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 801 & 802

SAMPLE ID:	21125EA	SAMPLER:	LK
LOCATION:	EFFLUENT-RAP	ANALYST:	LK
DATE:	11/25/92	TIME:	7:40 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	1.63
BENZENE	ND	0.06
BROMODICHLOROMETHANE	50 ***	0.00
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	0.16
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	0.00
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	0.06
DICHLOROBENZENE, m	4.7	0.04
DICHLOROBENZENE, p	4.7	0.07
DICHLOROBENZENE, o,m, & p	50	0.17
1,1 DICHLOROETHANE	5	0.06
1,2 DICHLOROETHANE	5	0.08
1,1 DICHLOROETHENE	0.07	0.00
1,2 DICHLOROETHENE, cis	50	0.45
1,2 DICHLOROETHENE, trans	5	0.00
1,2 DICHLOROPROPANE	5	0.00
ETHYLBENZENE	50	0.04
METHYLENE CHLORIDE	5	0.11
TETRACHLOROETHENE	0.7	0.29
TOLUENE	5	0.04
1,1,1 TRICHLOROETHANE	5	0.02
TRICHLOROETHYLENE	5	0.04
VINYL CHLORIDE	2	0.00
XYLENE, o	5	0.11
XYLENE, m & p	5	0.01
XYLENE, o, m & p	50	0.12

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 601 & 602

SAMPLE ID:	211251A	SAMPLER:	LK
LOCATION:	INFLUENT-RAP	ANALYST:	LK
DATE:	11/25/92	TIME:	7:42 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	319.39
BENZENE	ND	7.37
BROMODICHLOROMETHANE	50 ***	0.11
BROMOFORM	50 ***	0.12
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	0.77
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	2.24
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	0.38
DICHLOROBENZENE, m	4.7	0.10
DICHLOROBENZENE, p	4.7	2.33
DICHLOROBENZENE, o,m, & p	50	2.81
1,1 DICHLOROETHANE	5	15.33
1,2 DICHLOROETHANE	5	1.79
1,1 DICHLOROETHENE	0.07	1.14
1,2 DICHLOROETHENE, cis	50	61.06
1,2 DICHLOROETHENE, trans	5	0.20
1,2 DICHLOROPROPANE	5	0.00
ETHYLBENZENE	50	0.08
METHYLENE CHLORIDE	5	8.82
TETRACHLOROETHENE	0.7	180.53
TOLUENE	5	0.18
1,1,1 TRICHLOROETHANE	5	3.70
TRICHLOROETHYLENE	5	17.49
VINYL CHLORIDE	2	13.33
XYLENE, o	5	4.85
XYLENE, m & p	5	0.03
XYLENE, o, m & p	50	4.88

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** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 601 & 602

SAMPLE ID:	21130EA	SAMPLER:	LK
LOCATION:	EFFLUENT-RAP	ANALYST:	LK
DATE:	11/30/92	TIME:	7:40 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	0.81
BENZENE	ND	0.04
BROMODICHLOROMETHANE	50 ***	0.00
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	0.03
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	0.00
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	0.04
DICHLOROBENZENE, m	4.7	0.03
DICHLOROBENZENE, p	4.7	0.04
DICHLOROBENZENE, o,m, & p	50	0.11
1,1 DICHLOROETHANE	5	0.01
1,2 DICHLOROETHANE	5	0.02
1,1 DICHLOROETHENE	0.07	0.00
1,2 DICHLOROETHENE, cis	50	0.15
1,2 DICHLOROETHENE, trans	5	0.00
1,2 DICHLOROPROPANE	5	0.00
ETHYLBENZENE	50	0.01
METHYLENE CHLORIDE	5	0.02
TETRACHLOROETHENE	0.7	0.11
TOLUENE	5	0.02
1,1,1 TRICHLOROETHANE	5	0.08
TRICHLOROETHYLENE	5	0.02
VINYL CHLORIDE	2	0.00
XYLENE, o	5	0.03
XYLENE, m & p	5	0.01
XYLENE, o, m & p	50	0.04

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*** 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
EPA METHODS 801 & 802

SAMPLE ID:	211301A	SAMPLER:	PM & LK
LOCATION:	INFLUENT-RAP	ANALYST:	PM & LK
DATE:	11/30/92	TIME:	7:50 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	328.28
BENZENE	ND	7.10
BROMODICHLOROMETHANE	50 ***	0.14
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.06
CHLOROBENZENE	5	0.79
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	3.18
CHLOROFORM	100 ***	0.26
DICHLOROBENZENE, o	4.7	0.44
DICHLOROBENZENE, m	4.7	0.28
DICHLOROBENZENE, p	4.7	2.18
DICHLOROBENZENE, o,m, & p	50	2.90
1,1 DICHLOROETHANE	5	13.99
1,2 DICHLOROETHANE	5	1.71
1,1 DICHLOROETHENE	0.07	0.04
1,2 DICHLOROETHENE, cis	50	59.25
1,2 DICHLOROETHENE, trans	5	0.56
1,2 DICHLOROPROPANE	5	0.90
ETHYLBENZENE	50	0.17
METHYLENE CHLORIDE	5	9.77
TETRACHLOROETHENE	0.7	182.97
TOLUENE	5	0.22
1,1,1 TRICHLOROETHANE	5	4.10
TRICHLOROETHYLENE	5	19.42
VINYL CHLORIDE	2	16.33
XYLENE, o	5	4.90
XYLENE, m & p	5	0.12
XYLENE, o, m & p	50	4.42

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 801 & 802

SAMPLE ID	21202EA	SAMPLER	PM & LK
LOCATION	EFFLUENT-RAP	ANALYST	PM & LK
DATE	12/02/92	TIME	7:50 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	1.90
BENZENE	ND	0.10
BROMODICHLOROMETHANE	50 ***	0.00
BROMOFORM	50 ***	0.01
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	0.08
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	0.01
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	0.07
DICHLOROBENZENE, m	4.7	0.04
DICHLOROBENZENE, p	4.7	0.11
DICHLOROBENZENE, o,m, & p	50	0.22
1,1 DICHLOROETHANE	5	0.06
1,2 DICHLOROETHANE	5	0.09
1,1 DICHLOROETHENE	0.07	0.00
1,2 DICHLOROETHENE, cis	50	0.57
1,2 DICHLOROETHENE, trans	5	0.01
1,2 DICHLOROPROPANE	5	0.00
ETHYLBENZENE	50	0.03
METHYLENE CHLORIDE	5	0.12
TETRACHLOROETHENE	0.7	0.35
TOLUENE	5	0.07
1,1,1 TRICHLOROETHANE	5	0.02
TRICHLOROETHYLENE	5	0.05
VINYL CHLORIDE	2	0.01
XYLENE, o	5	0.07
XYLENE, m & p	5	0.03
XYLENE, o, m & p	50	0.10

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 801 & 802

SAMPLE ID:	212021A	SAMPLER:	PM & LK
LOCATION:	INFLUENT-RAP	ANALYST:	PM & LK
DATE:	12/02/92	TIME:	8:00 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	341.85
BENZENE	ND	7.49
BROMODICHLOROMETHANE	50 ***	0.05
BROMOFORM	50 ***	0.03
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	0.78
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	2.70
CHLOROFORM	100 ***	0.15
DICHLOROBENZENE, o	4.7	0.44
DICHLOROBENZENE, m	4.7	0.25
DICHLOROBENZENE, p	4.7	2.23
DICHLOROBENZENE, o,m, & p	50	2.92
1,1 DICHLOROETHANE	5	13.83
1,2 DICHLOROETHANE	5	1.36
1,1 DICHLOROETHENE	0.07	1.18
1,2 DICHLOROETHENE, cis	50	59.65
1,2 DICHLOROETHENE, trans	5	0.39
1,2 DICHLOROPROPANE	5	1.11
ETHYLBENZENE	50	0.13
METHYLENE CHLORIDE	5	9.62
TETRACHLOROETHENE	0.7	192.58
TOLUENE	5	0.15
1,1,1 TRICHLOROETHANE	5	4.04
TRICHLOROETHYLENE	5	20.71
VINYL CHLORIDE	2	18.55
XYLENE, o	5	4.88
XYLENE, m & p	5	0.07
XYLENE, o, m & p	50	4.45

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** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 601 & 602

SAMPLE ID:	21204EA	SAMPLER:	PM
LOCATION:	EFFLUENT/RAP	ANALYST:	PM-LK
DATE:	12/04/92	TIME:	7:50 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	1.62
BENZENE	ND	0.10
BROMODICHLOROMETHANE	50 ***	0.00
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	0.08
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	0.00
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	0.05
DICHLOROBENZENE, m	4.7	0.08
DICHLOROBENZENE, p	4.7	0.07
DICHLOROBENZENE, o,m, & p	50	0.15
1,1 DICHLOROETHANE	5	0.08
1,2 DICHLOROETHANE	5	0.09
1,1 DICHLOROETHENE	0.07	0.00
1,2 DICHLOROETHENE, cis	50	0.43
1,2 DICHLOROETHENE, trans	5	0.00
1,2 DICHLOROPROPANE	5	0.00
ETHYLBENZENE	50	0.02
METHYLENE CHLORIDE	5	0.14
TETRACHLOROETHENE	0.7	0.31
TOLUENE	5	0.04
1,1,1 TRICHLOROETHANE	5	0.07
TRICHLOROETHYLENE	5	0.05
VINYL CHLORIDE	2	0.03
XYLENE, o	5	0.05
XYLENE, m & p	5	0.02
XYLENE, o, m & p	50	0.07

* REGULATORY EFFLUENT DISCHARGE STANDARDS AS SPECIFIED IN THE CONSENT DECREE AND AS MODIFIED BY 11/18/88 LETTER TO THE TOWN.

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.
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
EPA METHODS 801 & 802

SAMPLE ID:	212041A	SAMPLER:	PM/LK
LOCATION:	INFLUENT-RAP	ANALYST:	PM/LK
DATE:	12/04/92	TIME:	8:00 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	370.20
BENZENE	ND	9.05
BROMODICHLOROMETHANE	50 ***	0.00
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	0.75
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	0.00
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	0.74
DICHLOROBENZENE, m	4.7	0.19
DICHLOROBENZENE, p	4.7	2.19
DICHLOROBENZENE, o,m, & p	50	3.12
1,1 DICHLOROETHANE	5	15.57
1,2 DICHLOROETHANE	5	1.19
1,1 DICHLOROETHENE	0.07	1.00
1,2 DICHLOROETHENE, cis	50	63.85
1,2 DICHLOROETHENE, trans	5	1.91
1,2 DICHLOROPROPANE	5	0.00
ETHYLBENZENE	50	0.12
METHYLENE CHLORIDE	5	8.71
TETRACHLOROETHENE	0.7	216.01
TOLUENE	5	0.28
1,1,1 TRICHLOROETHANE	5	8.42
TRICHLOROETHYLENE	5	18.83
VINYL CHLORIDE	2	19.08
XYLENE, o	5	4.27
XYLENE, m & p	5	0.09
XYLENE, o, m & p	50	4.36

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** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 601 & 602

SAMPLE ID:	21214EP	SAMPLER:	PM
LOCATION:	EFFLUENT-RAP	ANALYST:	PM/LK
DATE:	12/14/92	TIME:	2:15 PM

BOTH #2 & #9 WELLS ARE DOWN.

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	1.13
BENZENE	ND	0.07
BROMODICHLOROMETHANE	50 ***	0.00
BROMOFORM	50 ***	0.01
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	0.28
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	0.00
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	0.03
DICHLOROBENZENE, m	4.7	0.03
DICHLOROBENZENE, p	4.7	0.04
DICHLOROBENZENE, o,m, & p	50	0.10
1,1 DICHLOROETHANE	5	0.03
1,2 DICHLOROETHANE	5	0.03
1,1 DICHLOROETHENE	0.07	0.00
1,2 DICHLOROETHENE, cis	50	0.06
1,2 DICHLOROETHENE, trans	5	0.04
1,2 DICHLOROPROPANE	5	0.00
ETHYLBENZENE	50	0.07
METHYLENE CHLORIDE	5	0.01
TETRACHLOROETHENE	0.7	0.17
TOLUENE	5	0.02
1,1,1 TRICHLOROETHANE	5	0.12
TRICHLOROETHYLENE	5	0.05
VINYL CHLORIDE	2	0.01
XYLENE, o	5	0.05
XYLENE, m & p	5	0.01
XYLENE, o, m & p	50	0.06

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 801 & 802

SAMPLE ID:	21214IP	SAMPLER:	PM
LOCATION:	INFLUENT-RAP	ANALYST:	PM/LK
DATE:	12/14/92	TIME:	2:20 PM

BOTH #2 & #9 WELLS ARE DOWN.

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	370.30
BENZENE	ND	7.10
BROMODICHLOROMETHANE	50 ***	0.00
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	0.33
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	0.00
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	0.81
DICHLOROBENZENE, m	4.7	0.18
DICHLOROBENZENE, p	4.7	1.48
DICHLOROBENZENE, o,m, & p	50	2.25
1,1 DICHLOROETHANE	5	1.84
1,2 DICHLOROETHANE	5	0.71
1,1 DICHLOROETHENE	0.07	0.80
1,2 DICHLOROETHENE, cis	50	18.44
1,2 DICHLOROETHENE, trans	5	0.13
1,2 DICHLOROPROPANE	5	0.00
ETHYLBENZENE	50	0.10
METHYLENE CHLORIDE	5	1.89
TETRACHLOROETHENE	0.7	305.44
TOLUENE	5	0.10
1,1,1 TRICHLOROETHANE	5	4.84
TRICHLOROETHYLENE	5	22.53
VINYL CHLORIDE	2	2.72
XYLENE, o	5	1.28
XYLENE, m & p	5	0.05
XYLENE, o, m & p	50	1.28

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 601 & 602

SAMPLE ID:	21218EA	SAMPLER:	PM/LK
LOCATION:	EFFLUENT-RAP	ANALYST:	PM/LK
DATE:	12/18/92	TIME:	8:00 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	2.45
BENZENE	ND	0.11
BROMODICHLOROMETHANE	50 ***	0.00
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	0.07
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	0.00
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	0.05
DICHLOROBENZENE, m	4.7	0.05
DICHLOROBENZENE, p	4.7	0.10
DICHLOROBENZENE, o,m, & p	50	0.20
1,1 DICHLOROETHANE	5	0.11
1,2 DICHLOROETHANE	5	0.13
1,1 DICHLOROETHENE	0.07	0.00
1,2 DICHLOROETHENE, cis	50	0.76
1,2 DICHLOROETHENE, trans	5	0.00
1,2 DICHLOROPROPANE	5	0.00
ETHYLBENZENE	50	0.01
METHYLENE CHLORIDE	5	0.18
TETRACHLOROETHENE	0.7	0.65
TOLUENE	5	0.08
1,1,1 TRICHLOROETHANE	5	0.08
TRICHLOROETHYLENE	5	0.07
VINYL CHLORIDE	2	0.00
XYLENE, o	5	0.06
XYLENE, m & p	5	0.01
XYLENE, o, m & p	50	0.07

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*** 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
EPA METHODS 801 & 802

SAMPLE ID:	212181A	SAMPLER:	PM
LOCATION:	INFLUENT-RAP	ANALYST:	PM/LK
DATE:	12/18/92	TIME:	8:07AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	344.10
BENZENE	ND	8.82
BROMODICHLOROMETHANE	50 ***	0.00
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	0.88
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	4.50
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	0.51
DICHLOROBENZENE, m	4.7	0.19
DICHLOROBENZENE, p	4.7	2.40
DICHLOROBENZENE, o,m, & p	50	3.10
1,1 DICHLOROETHANE	5	15.55
1,2 DICHLOROETHANE	5	1.10
1,1 DICHLOROETHENE	0.07	0.84
1,2 DICHLOROETHENE, cis	50	62.80
1,2 DICHLOROETHENE, trans	5	1.95
1,2 DICHLOROPROPANE	5	0.00
ETHYLBENZENE	50	0.05
METHYLENE CHLORIDE	5	8.08
TETRACHLOROETHENE	0.7	187.31
TOLUENE	5	0.14
1,1,1 TRICHLOROETHANE	5	3.97
TRICHLOROETHYLENE	5	19.45
VINYL CHLORIDE	2	21.58
XYLENE, o	5	9.96
XYLENE, m & p	5	0.04
XYLENE, o, m & p	50	4.00

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** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 601 & 602

SAMPLE ID:	21221EA	SAMPLER:	PM
LOCATION:	EFFLUENT-RAP	ANALYST:	PM/LK
DATE:	12/21/92	TIME:	7:50 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	2.27
BENZENE	ND	0.10
BROMODICHLOROMETHANE	50 ***	0.00
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	0.09
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	0.01
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	0.07
DICHLOROBENZENE, m	4.7	0.05
DICHLOROBENZENE, p	4.7	0.09
DICHLOROBENZENE, o,m, & p	50	0.21
1,1 DICHLOROETHANE	5	0.12
1,2 DICHLOROETHANE	5	0.11
1,1 DICHLOROETHENE	0.07	0.00
1,2 DICHLOROETHENE, cis	50	0.73
1,2 DICHLOROETHENE, trans	5	0.02
1,2 DICHLOROPROPANE	5	0.01
ETHYLBENZENE	50	0.03
METHYLENE CHLORIDE	5	0.12
TETRACHLOROETHENE	0.7	0.49
TOLUENE	5	0.08
1,1,1 TRICHLOROETHANE	5	0.02
TRICHLOROETHYLENE	5	0.09
VINYL CHLORIDE	2	0.01
XYLENE, o	5	0.07
XYLENE, m & p	5	0.01
XYLENE, o, m & p	50	0.08

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

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*** 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
EPA METHODS 601 & 602

SAMPLE ID:	212211A	SAMPLER:	PM
LOCATION:	INFLUENT-RAP	ANALYST:	PM/LK
DATE:	12/21/9S	TIME:	7:55 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	288.16
BENZENE	ND	7.96
BROMODICHLOROMETHANE	50 ***	0.00
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	0.83
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	3.62
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	0.53
DICHLOROBENZENE, m	4.7	0.16
DICHLOROBENZENE, p	4.7	2.22
DICHLOROBENZENE, o,m, & p	50	2.91
1,1 DICHLOROETHANE	5	14.91
1,2 DICHLOROETHANE	5	0.78
1,1 DICHLOROETHENE	0.07	0.50
1,2 DICHLOROETHENE, cis	50	57.60
1,2 DICHLOROETHENE, trans	5	0.00
1,2 DICHLOROPROPANE	5	0.00
ETHYLBENZENE	50	0.13
METHYLENE CHLORIDE	5	6.86
TETRACHLOROETHENE	0.7	152.48
TOLUENE	5	0.29
1,1,1 TRICHLOROETHANE	5	4.40
TRICHLOROETHYLENE	5	14.92
VINYL CHLORIDE	2	16.11
XYLENE, o	5	8.88
XYLENE, m & p	5	0.06
XYLENE, o, m & p	50	3.88

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** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 801 & 802

SAMPLE ID:	21223EA	SAMPLER:	PM
LOCATION:	EFFLUENT-RAP	ANALYST:	PM/LK
DATE:	12/23/92	TIME:	7:55 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	3.73
BENZENE	ND	0.15
BROMODICHLOROMETHANE	50 ***	0.01
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.01
CHLOROBENZENE	5	0.35
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	0.00
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	0.15
DICHLOROBENZENE, m	4.7	0.18
DICHLOROBENZENE, p	4.7	0.17
DICHLOROBENZENE, o,m, & p	50	0.50
1,1 DICHLOROETHANE	5	0.14
1,2 DICHLOROETHANE	5	0.15
1,1 DICHLOROETHENE	0.07	0.00
1,2 DICHLOROETHENE, cis	50	1.03
1,2 DICHLOROETHENE, trans	5	0.01
1,2 DICHLOROPROPANE	5	0.08
ETHYLBENZENE	50	0.04
METHYLENE CHLORIDE	5	0.30
TETRACHLOROETHENE	0.7	0.56
TOLUENE	5	0.12
1,1,1 TRICHLOROETHANE	5	0.12
TRICHLOROETHYLENE	5	0.09
VINYL CHLORIDE	2	0.01
XYLENE, o	5	0.08
XYLENE, m & p	5	0.03
XYLENE, o, m & p	50	0.11

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 601 & 602

SAMPLE ID:	212231A	SAMPLER:	LK
LOCATION:	INFLUENT-RAP	ANALYST:	PM/LK
DATE:	12/23/92	TIME:	7:55 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	344.72
BENZENE	ND	8.85
BROMODICHLOROMETHANE	50 ***	0.00
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	1.05
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	4.95
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	0.75
DICHLOROBENZENE, m	4.7	0.21
DICHLOROBENZENE, p	4.7	2.41
DICHLOROBENZENE, o,m, & p	50	3.37
1,1 DICHLOROETHANE	5	18.42
1,2 DICHLOROETHANE	5	1.13
1,1 DICHLOROETHENE	0.07	0.96
1,2 DICHLOROETHENE, cis	50	66.16
1,2 DICHLOROETHENE, trans	5	0.70
1,2 DICHLOROPROPANE	5	0.00
ETHYLBENZENE	50	0.12
METHYLENE CHLORIDE	5	8.27
TETRACHLOROETHENE	0.7	181.77
TOLUENE	5	0.14
1,1,1 TRICHLOROETHANE	5	3.89
TRICHLOROETHYLENE	5	18.30
VINYL CHLORIDE	2	24.46
XYLENE, o	5	4.14
XYLENE, m & p	5	0.04
XYLENE, o, m & p	50	4.18

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** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 601 & 602

SAMPLE ID:	21228EA	SAMPLER:	PM
LOCATION:	EFFLUENT-RAP	ANALYST:	PM/LK
DATE:	12/28/92	TIME:	8:50 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	2.37
BENZENE	ND	0.11
BROMODICHLOROMETHANE	50 ***	0.00
BROMOFORM	50 ***	0.01
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	0.10
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	0.00
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	0.07
DICHLOROBENZENE, m	4.7	0.06
DICHLOROBENZENE, p	4.7	0.13
DICHLOROBENZENE, o, m, & p	50	0.26
1,1 DICHLOROETHANE	5	0.11
1,2 DICHLOROETHANE	5	0.14
1,1 DICHLOROETHENE	0.07	0.00
1,2 DICHLOROETHENE, cis	50	0.66
1,2 DICHLOROETHENE, trans	5	0.02
1,2 DICHLOROPROPANE	5	0.00
ETHYLBENZENE	50	0.02
METHYLENE CHLORIDE	5	0.17
TETRACHLOROETHENE	0.7	0.48
TOLUENE	5	0.08
1,1,1 TRICHLOROETHANE	5	0.09
TRICHLOROETHYLENE	5	0.07
VINYL CHLORIDE	2	0.00
XYLENE, o	5	0.09
XYLENE, m & p	5	0.01
XYLENE, o, m & p	50	0.10

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 801 & 802

SAMPLE ID:	212281A	SAMPLER:	PM
LOCATION:	INFLUENT-RAP	ANALYST:	PM/LK
DATE:	2/28/92	TIME:	8:55 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	313.34
BENZENE	ND	7.00
BROMODICHLOROMETHANE	50 ***	0.00
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	0.93
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	3.39
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	0.93
DICHLOROBENZENE, m	4.7	0.22
DICHLOROBENZENE, p	4.7	2.32
DICHLOROBENZENE, o,m, & p	50	3.47
1,1 DICHLOROETHANE	5	14.69
1,2 DICHLOROETHANE	5	1.11
1,1 DICHLOROETHENE	0.07	0.82
1,2 DICHLOROETHENE, cis	50	50.77
1,2 DICHLOROETHENE, trans	5	0.51
1,2 DICHLOROPROPANE	5	0.00
ETHYLBENZENE	50	0.09
METHYLENE CHLORIDE	5	7.62
TETRACHLOROETHENE	0.7	177.13
TOLUENE	5	0.20
1,1,1 TRICHLOROETHANE	5	5.41
TRICHLOROETHYLENE	5	17.22
VINYL CHLORIDE	2	19.66
XYLENE, o	5	8.27
XYLENE, m & p	5	0.05
XYLENE, o, m & p	50	3.32

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** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 601 & 602

SAMPLE ID:	21230EA	SAMPLER:	PM
LOCATION:	EFFLUENT-RAP	ANALYST:	PM/LK
DATE:	12/30/92	TIME:	7:55 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	3.16
BENZENE	ND	0.16
BROMODICHLOROMETHANE	50 ***	0.00
BROMOFORM	50 ***	0.01
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	0.21
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	0.00
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	0.37
DICHLOROBENZENE, m	4.7	0.05
DICHLOROBENZENE, p	4.7	0.18
DICHLOROBENZENE, o,m, & p	50	0.60
1,1 DICHLOROETHANE	5	0.11
1,2 DICHLOROETHANE	5	0.14
1,1 DICHLOROETHENE	0.07	0.00
1,2 DICHLOROETHENE, cis	50	0.72
1,2 DICHLOROETHENE, trans	5	0.02
1,2 DICHLOROPROPANE	5	0.01
ETHYLBENZENE	50	0.05
METHYLENE CHLORIDE	5	0.23
TETRACHLOROETHENE	0.7	0.53
TOLUENE	5	0.11
1,1,1 TRICHLOROETHANE	5	0.05
TRICHLOROETHYLENE	5	0.08
VINYL CHLORIDE	2	0.00
XYLENE, o	5	0.10
XYLENE, m & p	5	0.03
XYLENE, o, m & p	50	0.13

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** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 601 & 602

SAMPLE ID:	212301A	SAMPLER:	PM
LOCATION:	INFLUENT-RAP	ANALYST:	PM/LK
DATE:	12/30/92	TIME:	7:55 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	336.07
BENZENE	ND	7.61
BROMODICHLOROMETHANE	50 ***	0.00
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	0.87
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	3.68
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	0.78
DICHLOROBENZENE, m	4.7	0.14
DICHLOROBENZENE, p	4.7	2.27
DICHLOROBENZENE, o,m, & p	50	3.19
1,1 DICHLOROETHANE	5	14.36
1,2 DICHLOROETHANE	5	1.24
1,1 DICHLOROETHENE	0.07	0.93
1,2 DICHLOROETHENE, cis	50	51.28
1,2 DICHLOROETHENE, trans	5	0.67
1,2 DICHLOROPROPANE	5	0.00
ETHYLBENZENE	50	0.08
METHYLENE CHLORIDE	5	8.20
TETRACHLOROETHENE	0.7	196.37
TOLUENE	5	0.21
1,1,1 TRICHLOROETHANE	5	5.61
TRICHLOROETHYLENE	5	19.79
VINYL CHLORIDE	2	18.68
XYLENE, o	5	3.26
XYLENE, m & p	5	0.04
XYLENE, o, m & p	50	3.30

* REGULATORY EFFLUENT DISCHARGE STANDARDS AS SPECIFIED IN THE CONSENT DECREE AND AS MODIFIED BY 11/0/88 LETTER TO THE TOWN.

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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 EPA METHODS 801 & 802

SAMPLE ID:	21001W1	SAMPLES:	66 & TC
LOCATION:	WELL 1	ANALYST:	LK
DATE:	10/01/92	TIME:	9:45-10:15 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION [*] (ug/l)	MEASURED CONCENTRATION ^{**} (ug/l)
TOTAL VOCs	100	20.61
BENZENE	10	1.08
BROMODICHLOROMETHANE	50	0.17
BROMOFORM	50	0.00
CARBON TETRACHLORIDE	5	0.08
CHLOROBENZENE	5	0.42
CHLORODIBROMOMETHANE	50	0.00
CHLOROETHANE	5	0.67
CHLOROFORM	100	0.70
DICHLOROBENZENE, o	4.7	0.78
DICHLOROBENZENE, m	4.7	3.10
DICHLOROBENZENE, p	4.7	0.77
DICHLOROBENZENE, o,m, & p	50	4.80
1,1 DICHLOROETHANE	5	1.21
1,2 DICHLOROETHANE	5	0.81
1,1 DICHLOROETHENE	0.07	0.98
1,2 DICHLOROETHENE, cis	50	2.47
1,2 DICHLOROETHENE, trans	5	0.06
1,2 DICHLOROPROPANE	5	0.34
ETHYLBENZENE	50	0.21
METHYLENE CHLORIDE	5	3.14
TETRACHLOROETHENE	0.7	0.29
TOLUENE	5	0.74
1,1,1 TRICHLOROETHANE	5	0.29
TRICHLOROETHYLENE	5	0.48
VINYL CHLORIDE	2	1.98
XYLENE, o	5	0.28
XYLENE, m & p	5	0.16
XYLENE, o, m & p	50	0.41

* REGULATORY EFFLUENT DISCHARGE STANDARDS AS SPECIFIED IN THE CONSENT DECREE AND AS MODIFIED BY 11/10/92 LETTER TO THE TOWN.

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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 EPA METHODS 801 & 802

WELL ID:	21001W2	SAMPLE:	BB & TC
LOCATION:	WELL 2	ANALYST:	LK
DATE:	10/01/92	TIME:	9:45-10:15 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	58.23
BENZENE	ND	2.96
BROMODICHLOROMETHANE	50 ***	0.44
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.91
CHLOROBENZENE	5	2.01
CHLORODIBROMOMETHANE	50 ***	0.32
CHLOROETHANE	5	8.92
CHLOROFORM	100 ***	1.81
DICHLOROBENZENE, o	4.7	1.44
DICHLOROBENZENE, m	4.7	0.69
DICHLOROBENZENE, p	4.7	3.80
DICHLOROBENZENE, o,m, & p	50	5.93
1,1 DICHLOROETHANE	5	5.98
1,2 DICHLOROETHANE	5	1.90
1,1 DICHLOROETHENE	0.07	1.83
1,2 DICHLOROETHENE, cis	50	8.97
1,2 DICHLOROETHENE, trans	5	0.87
1,2 DICHLOROPROPANE	5	1.10
ETHYLBENZENE	50	0.76
METHYLENE CHLORIDE	5	4.16
TETRACHLOROETHENE	0.7	2.05
TOLUENE	5	0.87
1,1,1 TRICHLOROETHANE	5	2.28
TRICHLOROETHYLENE	5	2.07
VINYL CHLORIDE	2	5.74
XYLENE, o	5	0.92
XYLENE, m & p	5	0.50
XYLENE, o, m & p	50	1.42

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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 EPA METHODS 601 & 602

SAMPLE ID#	21001W3	SAMPLE #	BB & TC
LOCATION	WELL 3	ANALYST	LK
DATE	10/01/92	TIME	9:45-10:15 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	611.29
BENZENE	ND	17.71
BROMODICHLOROMETHANE	50 ***	0.40
BROMOFORM	50 ***	0.10
CARBON TETRACHLORIDE	5	0.58
CHLOROBENZENE	5	1.77
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	5.12
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	0.95
DICHLOROBENZENE, m	4.7	0.28
DICHLOROBENZENE, p	4.7	5.43
DICHLOROBENZENE, o,m, & p	50	8.68
1,1 DICHLOROETHANE	5	59.21
1,2 DICHLOROETHANE	5	3.81
1,1 DICHLOROETHENE	0.07	2.88
1,2 DICHLOROETHENE, cis	50	238.85
1,2 DICHLOROETHENE, trans	5	1.11
1,2 DICHLOROPROPANE	5	2.87
ETHYLBENZENE	50	0.83
METHYLENE CHLORIDE	5	28.23
TETRACHLOROETHENE	0.7	38.02
TOLUENE	5	0.62
1,1,1 TRICHLOROETHANE	5	10.11
TRICHLOROETHYLENE	5	22.00
VINYL CHLORIDE	2	52.89
XYLENE, o	5	17.41
XYLENE, m & p	5	0.21
XYLENE, o, m & p	50	17.62

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** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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 EPA METHODS 601 & 602

SAMPLE ID	21001W4	SAMPLER	BB & TC
LOCATION	WELL 4	ANALYST	LK
DATE	10/01/92	TIME	9:45-10:15 AM

CHEMICAL CONCENTRATION	ALLOWABLE EFFLUENT CONCENTRATION*	MEASURED CONCENTRATION**
	(ug/l)	(ug/l)
TOTAL VOCs	100	283.84
BENZENE	ND	0.66
BROMODICHLOROMETHANE	50 ***	0.18
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	6	0.02
CHLOROBENZENE	5	0.14
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	0.11
CHLOROFORM	100 ***	1.38
DICHLOROBENZENE, o	4.7	0.84
DICHLOROBENZENE, m	4.7	0.24
DICHLOROBENZENE, p	4.7	0.17
DICHLOROBENZENE, o,m, & p	60	0.76
1,1 DICHLOROETHANE	8	0.74
1,2 DICHLOROETHANE	6	1.62
1,1 DICHLOROETHENE	0.07	0.19
1,2 DICHLOROETHENE, cis	60	12.23
1,2 DICHLOROETHENE, trans	6	0.07
1,2 DICHLOROPROPANE	5	0.75
ETHYLBENZENE	60	0.07
METHYLENE CHLORIDE	6	8.87
TETRACHLOROETHENE	0.7	249.96
TOLUENE	6	0.11
1,1,1 TRICHLOROETHANE	5	0.78
TRICHLOROETHYLENE	6	3.00
VINYL CHLORIDE	2	8.80
XYLENE, o	6	0.55
XYLENE, m & p	8	0.06
XYLENE, o, m & p	60	0.80

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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 EPA METHODS 801 & 802

SAMPLE ID:	21001W5	SAMPLER:	BB & TC
LOCATION:	WELL 5	ANALYST:	LK
DATE:	10/01/92	TIME:	9:45-10:15 AM

SYNTHETIC ORGANIC COMPOUNDS	ALLOWABLE EFFLUENT CONCENTRATION ¹ (ug/l)	MEASURED CONCENTRATION ² (ug/l)
TOTAL VOCs	100	528.37
BENZENE	10	10.17
BROMODICHLOROMETHANE	50	0.51
PERMETHYLENE	50	0.25
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	0.20
CHLORODIBROMOMETHANE	50	0.00
CHLOROETHANE	5	0.09
CHLOROFORM	100	1.60
DICHLOROBENZENE, o	4.7	0.25
DICHLOROBENZENE, m	4.7	0.15
DICHLOROBENZENE, p	4.7	1.31
DICHLOROBENZENE, o,m, & p	50	1.71
1,1 DICHLOROETHANE	5	0.63
1,2 DICHLOROETHANE	5	2.50
1,1 DICHLOROETHENE	0.07	0.00
1,2 DICHLOROETHENE, cis	50	20.48
1,2 DICHLOROETHENE, trans	5	0.00
1,2 DICHLOROPROPANE	5	0.00
ETHYLBENZENE	50	0.06
METHYLENE CHLORIDE	5	1.63
TETRACHLOROETHENE	0.7	437.46
TOLUENE	5	0.08
1,1,1 TRICHLOROETHANE	5	5.70
TRICHLOROETHYLENE	5	34.54
VINYL CHLORIDE	2	2.43
XYLENE, o	5	2.32
XYLENE, m & p	5	0.03
XYLENE, o, m & p	50	2.35

¹ REGULATORY EFFLUENT DISCHARGE STANDARDS AS SPECIFIED IN THE CONSENT DECREE AND AS MODIFIED BY 11/10/88 LETTER TO THE TOWN.

² HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

³ 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 EPA METHODS 601 & 602

SAMPLE ID:	21008W1	SAMPLERS:	BB & TC
LOCATION:	WELL 1	ANALYST:	LK
DATE:	10/08/92	TIME:	10:00-10:30 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	16.68
BENZENE	ND	0.15
BROMODICHLOROMETHANE	50	0.12
BROMOFORM	50	0.00
CARBON TETRACHLORIDE	5	0.14
CHLOROBENZENE	5	0.16
CHLORODIBROMOMETHANE	50	0.00
CHLOROETHANE	5	0.00
CHLOROFORM	100	0.73
DICHLOROBENZENE, o	4.7	0.42
DICHLOROBENZENE, m	4.7	0.28
DICHLOROBENZENE, p	4.7	0.59
DICHLOROBENZENE, o,m, & p	50	1.29
1,1 DICHLOROETHANE	5	1.26
1,2 DICHLOROETHANE	5	1.24
1,1 DICHLOROETHENE	0.07	0.48
1,2 DICHLOROETHENE, cis	50	0.75
1,2 DICHLOROETHENE, trans	5	0.10
1,2 DICHLOROPROPANE	5	0.39
ETHYLBENZENE	50	0.12
METHYLENE CHLORIDE	5	4.98
TETRACHLOROETHENE	0.7	0.67
TOLUENE	5	0.17
1,1,1 TRICHLOROETHANE	5	0.44
TRICHLOROETHYLENE	5	0.38
VINYL CHLORIDE	2	1.76
XYLENE, o	5	0.15
XYLENE, m & p	5	0.10
XYLENE, o, m & p	50	0.25

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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 EPA METHODS 601 & 602

SAMPLE ID:	21008W2	SAMPLE:	BB & IC
LOCATION:	WELL 2	ANALYST:	LK
DATE:	10/08/92	TIME:	10:00-10:30 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	83.87
BENZENE	ND	1.97
BROMODICHLOROMETHANE	50 ***	0.87
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	1.36
CHLOROBENZENE	5	1.26
CHLORODIBROMOMETHANE	50 ***	1.09
CHLOROETHANE	5	3.67
CHLOROFORM	100 ***	2.19
DICHLOROBENZENE, o	4.7	2.11
DICHLOROBENZENE, m	4.7	0.87
DICHLOROBENZENE, p	4.7	4.96
DICHLOROBENZENE, o,m, & p	50	7.73
1,1 DICHLOROETHANE	5	7.02
1,2 DICHLOROETHANE	5	2.62
1,1 DICHLOROETHENE	0.07	1.96
1,2 DICHLOROETHENE, cis	50	8.19
1,2 DICHLOROETHENE, trans	5	0.80
1,2 DICHLOROPROPANE	5	1.54
ETHYLBENZENE	50	0.48
METHYLENE CHLORIDE	5	5.55
TETRACHLOROETHENE	0.7	3.41
TOLUENE	5	0.51
1,1,1 TRICHLOROETHANE	5	3.04
TRICHLOROETHYLENE	5	3.58
VINYL CHLORIDE	2	4.36
XYLENE, o	5	0.64
XYLENE, m & p	5	0.36
XYLENE, o, m & p	50	1.00

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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 EPA METHODS 601 & 602

SAMPLE ID:	21008W3	SAMPLERS:	BB & IC
LOCATION:	WELL 3	ANALYST:	LK
DATE:	10/08/92	TIME:	10:00-10:30 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	446.80
BENZENE	ND	10.47
BROMODICHLOROMETHANE	50 ***	0.78
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.12
CHLOROBENZENE	5	1.10
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	0.00
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	1.07
DICHLOROBENZENE, m	4.7	0.28
DICHLOROBENZENE, p	4.7	3.23
DICHLOROBENZENE, o, m, & p	50	4.58
1,1 DICHLOROETHANE	5	60.25
1,2 DICHLOROETHANE	5	3.78
1,1 DICHLOROETHENE	0.07	2.57
1,2 DICHLOROETHENE, cis	50	185.29
1,2 DICHLOROETHENE, trans	5	0.41
1,2 DICHLOROPROPANE	5	3.21
ETHYLBENZENE	50	0.18
METHYLENE CHLORIDE	5	31.23
TETRACHLOROETHENE	0.7	58.25
TOLUENE	5	0.41
1,1,1 TRICHLOROETHANE	5	9.88
TRICHLOROETHYLENE	5	24.16
VINYL CHLORIDE	2	34.61
XYLENE, o	5	11.00
XYLENE, m & p	5	0.12
XYLENE, o, m & p	50	11.12

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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 EPA METHODS 601 & 602

SAMPLE ID:	21008W4	SAMPLER:	BB & IC
LOCATION:	WELL 4	ANALYST:	LK
DATE:	10/08/92	TIME:	10:00-10:30 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	314.82
BENZENE	ND	0.32
BROMODICHLOROMETHANE	50 ---	0.28
BROMOFORM	50 ---	0.26
CARBON TETRACHLORIDE	5	0.04
CHLOROBENZENE	5	0.14
CHLORODIBROMOMETHANE	50 ---	0.00
CHLOROETHANE	5	0.00
CHLOROFORM	100 ---	1.84
DICHLOROBENZENE, o	4.7	0.23
DICHLOROBENZENE, m	4.7	0.13
DICHLOROBENZENE, p	4.7	0.30
DICHLOROBENZENE, o,m, & p	50	0.66
1,1 DICHLOROETHANE	5	0.79
1,2 DICHLOROETHANE	5	2.04
1,1 DICHLOROETHENE	0.07	0.96
1,2 DICHLOROETHENE, cis	50	8.77
1,2 DICHLOROETHENE, trans	5	0.29
1,2 DICHLOROPROPANE	5	0.93
ETHYLBENZENE	50	0.07
METHYLENE CHLORIDE	5	8.14
TETRACHLOROETHENE	0.7	282.96
TOLUENE	5	0.11
1,1,1 TRICHLOROETHANE	5	0.87
TRICHLOROETHYLENE	5	3.12
VINYL CHLORIDE	2	1.54
XYLENE, o	5	0.45
XYLENE, m & p	5	0.05
XYLENE, o, m & p	50	0.50

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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 EPA METHODS 601 & 602

SAMPLE ID:	21008W5	SAMPLES:	BB & IC
LOCATION:	WELL 5	ANALYST:	LK
DATE:	10/08/92	TIME:	10:00-10:30 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	468.70
BENZENE	ND	5.69
BROMODICHLOROMETHANE	60	0.17
BROMOFORM	60	0.25
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	0.04
CHLORODIBROMOMETHANE	60	0.00
CHLOROETHANE	5	0.19
CHLOROFORM	100	1.95
DICHLOROBENZENE, o	4.7	0.20
DICHLOROBENZENE, m	4.7	0.11
DICHLOROBENZENE, p	4.7	0.71
DICHLOROBENZENE, o,m, & p	60	1.02
1,1 DICHLOROETHANE	5	0.79
1,2 DICHLOROETHANE	5	2.83
1,1 DICHLOROETHENE	0.07	1.42
1,2 DICHLOROETHENE, cis	60	14.45
1,2 DICHLOROETHENE, trans	5	0.85
1,2 DICHLOROPROPANE	5	0.00
ETHYLBENZENE	60	0.06
METHYLENE CHLORIDE	5	9.89
TETRACHLOROETHENE	0.7	388.63
TOLUENE	5	0.11
1,1,1 TRICHLOROETHANE	5	5.81
TRICHLOROETHYLENE	5	31.55
VINYL CHLORIDE	2	1.68
XYLENE, o	5	1.37
XYLENE, m & p	5	0.05
XYLENE, o, m & p	60	1.42

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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 EPA METHODS 601 & 602

SAMPLE ID:	21016W1	SAMPLER:	BB
LOCATION:	WELL 1	ANALYST:	LK
DATE:	10/16/92	TIME:	9:00-9:30 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	28.75
BENZENE	ND	1.48
BROMODICHLOROMETHANE	50 —	0.11
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.14
CHLOROBENZENE	5	1.05
CHLORODIBROMOMETHANE	50 —	0.00
CHLOROETHANE	5	0.85
CHLOROFORM	100 —	0.88
DICHLOROBENZENE, o	4.7	1.86
DICHLOROBENZENE, m	4.7	0.48
DICHLOROBENZENE, p	4.7	1.75
DICHLOROBENZENE, o,m, & p	50	4.09
1,1 DICHLOROETHANE	5	1.72
1,2 DICHLOROETHANE	5	1.29
1,1 DICHLOROETHENE	0.07	0.88
1,2 DICHLOROETHENE, cis	50	4.39
1,2 DICHLOROETHENE, trans	5	0.84
1,2 DICHLOROPROPANE	5	0.48
ETHYLBENZENE	50	0.89
METHYLENE CHLORIDE	5	4.45
TETRACHLOROETHENE	0.7	1.20
TOLUENE	5	0.30
1,1,1 TRICHLOROETHANE	5	0.88
TRICHLOROETHYLENE	5	1.04
VINYL CHLORIDE	2	2.87
XYLENE, o	5	0.27
XYLENE, m & p	5	0.22
XYLENE, o, m & p	50	0.49

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 601 & 602

SAMPLE ID:	21016W2	SAMPLER:	BB
LOCATION:	WELL 2	ANALYST:	LK
DATE:	10/16/92	TIME:	9:00-9:30 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	37.43
BENZENE	ND	3.62
BROMODICHLOROMETHANE	50 —	0.12
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	1.66
CHLORODIBROMOMETHANE	50 —	0.00
CHLOROETHANE	5	1.78
CHLOROFORM	100 —	0.80
DICHLOROBENZENE, o	4.7	1.13
DICHLOROBENZENE, m	4.7	0.36
DICHLOROBENZENE, p	4.7	2.96
DICHLOROBENZENE, o,m, & p	50	4.44
1,1 DICHLOROETHANE	5	4.17
1,2 DICHLOROETHANE	5	1.04
1,1 DICHLOROETHENE	0.07	0.07
1,2 DICHLOROETHENE, cis	50	8.12
1,2 DICHLOROETHENE, trans	5	0.29
1,2 DICHLOROPROPANE	5	0.47
ETHYLBENZENE	50	0.16
METHYLENE CHLORIDE	5	4.73
TETRACHLOROETHENE	0.7	1.22
TOLUENE	5	0.17
1,1,1 TRICHLOROETHANE	5	0.90
TRICHLOROETHYLENE	5	1.48
VINYL CHLORIDE	2	1.98
XYLENE, o	5	0.46
XYLENE, m & p	5	0.07
XYLENE, o, m & p	50	0.62

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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 EPA METHODS 601 & 602

SAMPLE ID:	21016W3	SAMPLER:	BB
LOCATION:	WELL 3	ANALYST:	LK
DATE:	10/16/92	TIME:	9:00-9:30

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	452.62
BENZENE	ND	16.17
BROMODICHLOROMETHANE	50 ***	0.71
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.70
CHLOROBENZENE	5	2.40
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	6.70
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	1.22
DICHLOROBENZENE, m	4.7	0.84
DICHLOROBENZENE, p	4.7	4.99
DICHLOROBENZENE, o,m, & p	50	7.05
1,1 DICHLOROETHANE	5	45.86
1,2 DICHLOROETHANE	5	3.08
1,1 DICHLOROETHENE	0.07	3.85
1,2 DICHLOROETHENE, cis	50	231.69
1,2 DICHLOROETHENE, trans	5	2.19
1,2 DICHLOROPROPANE	5	2.63
ETHYLBENZENE	50	0.85
METHYLENE CHLORIDE	5	27.16
TETRACHLOROETHENE	0.7	30.80
TOLUENE	5	1.00
1,1,1 TRICHLOROETHANE	5	8.49
TRICHLOROETHYLENE	5	16.97
VINYL CHLORIDE	2	28.69
XYLENE, o	5	15.83
XYLENE, m & p	5	0.50
XYLENE, o, m & p	50	16.13

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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 EPA METHODS 601 & 602

SAMPLE ID:	21016W4	SAMPLER:	BB
LOCATION:	WELL 4	ANALYST:	LK
DATE:	10/16/92	TIME:	9:00-9:30 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	186.98
BENZENE	ND	0.92
BROMODICHLOROMETHANE	50 ---	0.24
BROMOFORM	50 ---	0.00
CARBON TETRACHLORIDE	5	0.10
CHLOROBENZENE	5	0.15
CHLORODIBROMOMETHANE	50 ---	0.00
CHLOROETHANE	5	0.29
CHLOROFORM	100 ---	1.50
DICHLOROBENZENE, o	4.7	0.68
DICHLOROBENZENE, m	4.7	1.71
DICHLOROBENZENE, p	4.7	0.84
DICHLOROBENZENE, o,m, & p	50	2.73
1,1 DICHLOROETHANE	5	0.78
1,2 DICHLOROETHANE	5	1.73
1,1 DICHLOROETHENE	0.07	0.88
1,2 DICHLOROETHENE, cis	50	10.86
1,2 DICHLOROETHENE, trans	5	0.49
1,2 DICHLOROPROPANE	5	0.79
ETHYLBENZENE	50	0.17
METHYLENE CHLORIDE	5	9.01
TETRACHLOROETHENE	0.7	151.23
TOLUENE	5	0.20
1,1,1 TRICHLOROETHANE	5	0.74
TRICHLOROETHYLENE	5	2.15
VINYL CHLORIDE	2	2.04
XYLENE, o	5	0.43
XYLENE, m & p	5	0.10
XYLENE, o, m & p	50	0.53

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** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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 EPA METHODS 601 & 602

SAMPLE ID:	21016W5	SAMPLE:	BB
LOCATION:	WELL 5	ANALYST:	LK
DATE:	10/16/92	TIME:	9:00-9:30 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	426.07
BENZENE	ND	9.37
BROMODICHLOROMETHANE	60	0.16
BROMOFORM	60	0.00
CARBON TETRACHLORIDE	6	0.00
CHLOROBENZENE	6	0.08
CHLORODIBROMOMETHANE	60	0.00
CHLOROETHANE	6	0.87
CHLOROFORM	100	1.73
DICHLOROBENZENE, o	4.7	0.30
DICHLOROBENZENE, m	4.7	0.13
DICHLOROBENZENE, p	4.7	1.17
DICHLOROBENZENE, o,m, & p	60	1.60
1,1 DICHLOROETHANE	6	0.62
1,2 DICHLOROETHANE	6	2.66
1,1 DICHLOROETHENE	0.07	0.98
1,2 DICHLOROETHENE, cis	60	18.41
1,2 DICHLOROETHENE, trans	6	0.16
1,2 DICHLOROPROPANE	6	0.00
ETHYLBENZENE	60	0.10
METHYLENE CHLORIDE	6	9.37
TETRACHLOROETHENE	0.7	341.05
TOLUENE	6	0.11
1,1,1 TRICHLOROETHANE	6	6.16
TRICHLOROETHYLENE	6	28.44
VINYL CHLORIDE	2	2.78
XYLENE, o	6	2.14
XYLENE, m & p	6	0.04
XYLENE, o, m & p	60	2.18

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** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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 EPA METHODS 601 & 602

SAMPLE ID:	21022W1	SAMPLER:	TC
LOCATION:	WELL 1	ANALYST:	LK
DATE:	10/22/92	TIME:	9:00-9:30 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	31.48
BENZENE	ND	2.02
BROMODICHLOROMETHANE	50	0.15
BROMOFORM	50	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	1.40
CHLORODIBROMOMETHANE	50	0.00
CHLOROETHANE	5	1.12
CHLOROFORM	100	0.73
DICHLOROBENZENE, o	4.7	1.10
DICHLOROBENZENE, m	4.7	0.30
DICHLOROBENZENE, p	4.7	2.49
DICHLOROBENZENE, o,m, & p	50	3.89
1,1 DICHLOROETHANE	5	2.55
1,2 DICHLOROETHANE	5	1.01
1,1 DICHLOROETHENE	0.07	0.06
1,2 DICHLOROETHENE, cis	50	8.25
1,2 DICHLOROETHENE, trans	5	0.48
1,2 DICHLOROPROPANE	5	0.52
ETHYLBENZENE	50	0.19
METHYLENE CHLORIDE	5	4.46
TETRACHLOROETHENE	0.7	1.18
TOLUENE	5	0.14
1,1,1 TRICHLOROETHANE	5	0.52
TRICHLOROETHYLENE	5	1.38
VINYL CHLORIDE	2	8.07
XYLENE, o	5	0.27
XYLENE, m & p	5	0.07
XYLENE, o, m & p	50	0.34

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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 EPA METHODS 601 & 602

SAMPLE ID:	21022W2	SAMPLER:	TC
LOCATION:	WELL 2	ANALYST:	LK
DATE:	10/22/92	TIME:	9:00-9:30 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	45.31
BENZENE	ND	2.67
BROMODICHLOROMETHANE	50	0.12
BROMOFORM	50	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	0.37
CHLORODIBROMOMETHANE	50	0.00
CHLOROETHANE	5	2.24
CHLOROFORM	100	1.05
DICHLOROBENZENE, o	4.7	1.61
DICHLOROBENZENE, m	4.7	0.37
DICHLOROBENZENE, p	4.7	4.18
DICHLOROBENZENE, o,m, & p	50	8.16
1,1 DICHLOROETHANE	5	5.75
1,2 DICHLOROETHANE	5	1.30
1,1 DICHLOROETHENE	0.07	0.44
1,2 DICHLOROETHENE, cis	50	11.22
1,2 DICHLOROETHENE, trans	5	0.71
1,2 DICHLOROPROPANE	5	0.55
ETHYLBENZENE	50	0.00
METHYLENE CHLORIDE	5	4.73
TETRACHLOROETHENE	0.7	1.75
TOLUENE	5	0.07
1,1,1 TRICHLOROETHANE	5	1.28
TRICHLOROETHYLENE	5	2.03
VINYL CHLORIDE	2	2.82
XYLENE, o	5	0.57
XYLENE, m & p	5	0.03
XYLENE, o, m & p	50	0.60

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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 EPA METHODS 601 & 602

SAMPLE ID:	21022W3	SAMPLER:	IC
LOCATION:	WELL 3	ANALYST:	LK
DATE:	10/22/92	TIME:	9:00-9:30 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	518.62
BENZENE	ND	18.37
BROMODICHLOROMETHANE	50	0.19
BROMOFORM	50	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	2.36
CHLORODIBROMOMETHANE	50	0.00
CHLOROETHANE	5	5.66
CHLOROFORM	100	0.00
DICHLOROBENZENE, o	4.7	1.45
DICHLOROBENZENE, m	4.7	0.22
DICHLOROBENZENE, p	4.7	5.56
DICHLOROBENZENE, o,m, & p	50	7.23
1,1 DICHLOROETHANE	5	53.65
1,2 DICHLOROETHANE	5	3.89
1,1 DICHLOROETHENE	0.07	1.84
1,2 DICHLOROETHENE, cis	50	273.83
1,2 DICHLOROETHENE, trans	5	1.32
1,2 DICHLOROPROPANE	5	1.60
ETHYLBENZENE	50	0.28
METHYLENE CHLORIDE	5	28.84
TETRACHLOROETHENE	0.7	38.59
TOLUENE	5	0.47
1,1,1 TRICHLOROETHANE	5	8.42
TRICHLOROETHYLENE	5	21.31
VINYL CHLORIDE	2	30.51
XYLENE, o	5	18.22
XYLENE, m & p	5	0.09
XYLENE, o, m & p	50	18.31

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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 EPA METHODS 801 & 602

SAMPLE ID:	21022W4	SAMPLER:	TC
LOCATION:	WELL 4	ANALYST:	LK
DATE:	10/22/92	TIME:	9:00-9:30 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	300.93
BENZENE	ND	0.41
BROMODICHLOROMETHANE	50 ---	0.09
BROMOFORM	50 ---	0.00
CARBON TETRACHLORIDE	6	0.00
CHLOROBENZENE	5	0.04
CHLORODIBROMOMETHANE	50 ---	0.00
CHLOROETHANE	6	0.16
CHLOROFORM	100 ---	1.74
DICHLOROBENZENE, o	4.7	0.14
DICHLOROBENZENE, m	4.7	0.13
DICHLOROBENZENE, p	4.7	0.20
DICHLOROBENZENE, o, m, & p	60	0.47
1,1 DICHLOROETHANE	6	0.80
1,2 DICHLOROETHANE	6	1.76
1,1 DICHLOROETHENE	0.07	0.20
1,2 DICHLOROETHENE, cis	60	15.62
1,2 DICHLOROETHENE, trans	6	0.00
1,2 DICHLOROPROPANE	6	0.70
ETHYLBENZENE	50	0.08
METHYLENE CHLORIDE	6	8.68
TETRACHLOROETHENE	0.7	264.29
TOLUENE	6	0.06
1,1,1 TRICHLOROETHANE	6	0.92
TRICHLOROETHYLENE	6	3.20
VINYL CHLORIDE	2	1.69
XYLENE, o	6	0.36
XYLENE, m & p	6	0.02
XYLENE, o, m & p	60	0.38

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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 EPA METHODS 801 & 602

SAMPLE ID:	21022W5	SAMPLER:	TC
LOCATION:	WELL 5	ANALYST:	LK
DATE:	10/22/92	TIME:	9:00-9:30 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	589.30
BENZENE	ND	11.89
BROMODICHLOROMETHANE	50 ---	0.82
BROMOFORM	50 ---	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	0.06
CHLORODIBROMOMETHANE	50 ---	0.00
CHLOROETHANE	5	0.20
CHLOROFORM	100 ---	2.21
DICHLOROBENZENE, o	4.7	0.16
DICHLOROBENZENE, m	4.7	0.07
DICHLOROBENZENE, p	4.7	1.54
DICHLOROBENZENE, o,m, & p	50	1.78
1,1 DICHLOROETHANE	5	0.77
1,2 DICHLOROETHANE	5	3.38
1,1 DICHLOROETHENE	0.07	1.48
1,2 DICHLOROETHENE, cis	50	27.04
1,2 DICHLOROETHENE, trans	5	0.00
1,2 DICHLOROPROPANE	5	0.00
ETHYLBENZENE	50	0.06
METHYLENE CHLORIDE	5	8.87
TETRACHLOROETHENE	0.7	477.94
TOLUENE	5	0.08
1,1,1 TRICHLOROETHANE	5	6.18
TRICHLOROETHYLENE	5	42.97
VINYL CHLORIDE	2	0.99
XYLENE, o	5	2.84
XYLENE, m & p	5	0.03
XYLENE, o, m & p	50	2.87

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 601 & 602

SAMPLE ID:	21029W1	SAMPLER:	BB & IC
LOCATION:	WELL 1	ANALYST:	LK
DATE:	10/29/92	TIME:	9:30-10:00 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	27.38
BENZENE	ND	1.86
BROMODICHLOROMETHANE	50 ***	0.12
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBNZENE	5	0.03
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	0.93
CHLOROFORM	100 ***	0.74
DICHLOROBNZENE, o	4.7	0.95
DICHLOROBNZENE, m	4.7	0.26
DICHLORBNZENE, p	4.7	2.31
DICHLOROBNZENE, o,m, & p	50	3.52
1,1 DICHLOROETHANE	5	3.02
1,2 DICHLOROETHANE	5	1.19
1,1 DICHLOROETHENE	0.07	0.15
1,2 DICHLOROETHENE, cis	50	6.08
1,2 DICHLOROETHENE, trans	5	0.26
1,2 DICHLOROPROPANE	5	0.50
ETHYLBENZENE	50	0.00
METHYLENE CHLORIDE	5	3.05
TETRACHLOROETHENE	0.7	1.01
TOLUENE	5	0.08
1,1,1 TRICHLOROETHANE	5	0.31
TRICHLOROETHYLENE	5	1.43
VINYL CHLORIDE	2	2.88
XYLENE, o	5	0.20
XYLENE, m & p	5	0.02
XYLENE, o, m & p	50	0.22

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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 EPA METHODS 601 & 602

SAMPLE ID:	21029W2	SAMPLER:	BB & IC
LOCATION:	WELL 2	ANALYST:	LK.
DATE:	10/29/92	TIME:	9:30-10:00 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	43.13
BENZENE	ND	2.40
BROMODICHLOROMETHANE	50	0.13
BROMOFORM	50	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	0.36
CHLORODIBROMOMETHANE	50	0.00
CHLOROETHANE	5	2.59
CHLOROFORM	100	0.81
DICHLOROBENZENE, o	4.7	1.47
DICHLOROBENZENE, m	4.7	0.27
DICHLOROBENZENE, p	4.7	3.66
DICHLOROBENZENE, o,m, & p	50	5.40
1,1 DICHLOROETHANE	5	5.29
1,2 DICHLOROETHANE	5	1.11
1,1 DICHLOROETHENE	0.07	0.79
1,2 DICHLOROETHENE, cis	50	10.55
1,2 DICHLOROETHENE, trans	5	0.36
1,2 DICHLOROPROPANE	5	0.55
ETHYLBENZENE	50	0.00
METHYLENE CHLORIDE	5	4.38
TETRACHLOROETHENE	0.7	1.55
TOLUENE	5	0.08
1,1,1 TRICHLOROETHANE	5	0.95
TRICHLOROETHYLENE	5	1.89
VINYL CHLORIDE	2	3.88
XYLENE, o	5	0.54
XYLENE, m & p	5	0.02
XYLENE, o, m & p	50	0.58

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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 EPA METHODS 601 & 602

SAMPLE ID:	21029W3	SAMPLER:	BB & IC
LOCATION:	WELL 3	ANALYST:	LK
DATE:	10/29/92	TIME:	9:30-10:00 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	505.85
BENZENE	ND	17.92
BROMODICHLOROMETHANE	50	0.83
BROMOFORM	50	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	0.71
CHLORODIBROMOMETHANE	50	0.00
CHLOROETHANE	5	7.01
CHLOROFORM	100	0.00
DICHLOROBENZENE, o	4.7	1.12
DICHLOROBENZENE, m	4.7	0.52
DICHLOROBENZENE, p	4.7	5.55
DICHLOROBENZENE, o, m, & p	50	7.19
1,1 DICHLOROETHANE	5	54.22
1,2 DICHLOROETHANE	5	3.45
1,1 DICHLOROETHENE	0.07	1.60
1,2 DICHLOROETHENE, cis	50	265.98
1,2 DICHLOROETHENE, trans	5	0.81
1,2 DICHLOROPROPANE	5	2.69
ETHYLBENZENE	50	0.87
METHYLENE CHLORIDE	5	25.15
TETRACHLOROETHENE	0.7	87.85
TOLUENE	5	0.60
1,1,1 TRICHLOROETHANE	5	6.79
TRICHLOROETHYLENE	5	22.09
VINYL CHLORIDE	2	38.24
XYLENE, o	5	17.83
XYLENE, m & p	5	0.22
XYLENE, o, m & p	50	18.05

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 601 & 602

SAMPLE ID:	21029W4	SAMPLE:	BB & IC
LOCATION:	WELL 4	ANALYST:	LK
DATE:	10/29/92	TIME:	9:30-10:00 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	308.77
BENZENE	ND	0.66
BROMODICHLOROMETHANE	50	0.17
BROMOFORM	50	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	0.01
CHLORODIBROMOMETHANE	50	0.00
CHLOROETHANE	5	0.08
CHLOROFORM	100	1.88
DICHLOROBENZENE, o	4.7	0.69
DICHLOROBENZENE, m	4.7	0.30
DICHLOROBENZENE, p	4.7	0.87
DICHLOROBENZENE, o,m, & p	60	1.38
1,1 DICHLOROETHANE	5	0.90
1,2 DICHLOROETHANE	5	1.75
1,1 DICHLOROETHENE	0.07	0.24
1,2 DICHLOROETHENE, cis	50	14.44
1,2 DICHLOROETHENE, trans	5	0.00
1,2 DICHLOROPROPANE	5	0.74
ETHYLBENZENE	50	0.00
METHYLENE CHLORIDE	5	8.20
TETRACHLOROETHENE	0.7	270.73
TOLUENE	5	0.07
1,1,1 TRICHLOROETHANE	5	0.83
TRICHLOROETHYLENE	5	2.99
VINYL CHLORIDE	2	1.69
XYLENE, o	5	0.20
XYLENE, m & p	5	0.03
XYLENE, o, m & p	50	0.23

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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 EPA METHODS 601 & 602

SAMPLE ID:	21029W5	SAMPLER:	BB & IC
LOCATION:	WELL 5	ANALYST:	LK
DATE:	10/29/92	TIME:	9:30-10:00 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	830.18
BENZENE	ND	12.13
BROMODICHLOROMETHANE	50 ***	0.99
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	1.50
CHLOROBENZENE	5	0.99
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	1.03
CHLOROFORM	100 ***	3.14
DICHLOROBENZENE, o	4.7	1.65
DICHLOROBENZENE, m	4.7	0.70
DICHLOROBENZENE, p	4.7	1.96
DICHLOROBENZENE, o,m, & p	50	4.31
1,1 DICHLOROETHANE	5	1.91
1,2 DICHLOROETHANE	5	4.09
1,1 DICHLOROETHENE	0.07	3.21
1,2 DICHLOROETHENE, cis	50	26.84
1,2 DICHLOROETHENE, trans	5	2.65
1,2 DICHLOROPROPANE	5	3.39
ETHYLBENZENE	50	1.22
METHYLENE CHLORIDE	5	11.39
TETRACHLOROETHENE	0.7	495.81
TOLUENE	5	0.97
1,1,1 TRICHLOROETHANE	5	7.75
TRICHLOROETHYLENE	5	40.98
VINYL CHLORIDE	2	2.07
XYLENE, o	5	3.32
XYLENE, m & p	5	0.77
XYLENE, o, m & p	50	4.09

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** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 601 & 602

SAMPLE ID:	21105W1	SAMPLER:	BB & TC
LOCATION:	WELL 1	ANALYST:	LK
DATE:	11/05/92	TIME:	9:15-10:00 1M

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	29.90
BENZENE	ND	2.00
BROMODICHLOROMETHANE	50 ***	0.09
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	1.37
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	1.20
CHLOROFORM	100 ***	0.69
DICHLOROBENZENE, o	4.7	0.99
DICHLOROBENZENE, m	4.7	0.80
DICHLOROBENZENE, p	4.7	2.48
DICHLOROBENZENE, o,m, & p	50	3.75
1,1 DICHLOROETHANE	5	2.96
1,2 DICHLOROETHANE	5	1.00
1,1 DICHLOROETHENE	0.07	0.35
1,2 DICHLOROETHENE, cis	50	5.30
1,2 DICHLOROETHENE, trans	5	0.28
1,2 DICHLOROPROPANE	5	0.46
ETHYLBENZENE	50	0.00
METHYLENE CHLORIDE	5	3.46
TETRACHLOROETHENE	0.7	1.11
TOLUENE	5	0.07
1,1,1 TRICHLOROETHANE	5	0.33
TRICHLOROETHYLENE	5	1.39
VINYL CHLORIDE	2	3.25
XYLENE, o	5	0.19
XYLENE, m & p	5	0.05
XYLENE, o, m & p	50	0.24

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 601 & 602

SAMPLE ID:	21105W2	SAMPLER:	BB & IC
LOCATION:	WELL 2	ANALYST:	LK
DATE:	11/05/92	TIME:	9:15-10:00 AM

SAMPLE WAS HOT WHEN RECEIVED BECAUSE PUMP WAS OVER HEAT.

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	7.26
BENZENE	ND	0.07
BROMODICHLOROMETHANE	50 ***	0.07
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	0.03
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	0.10
CHLOROFORM	100 ***	0.77
DICHLOROBENZENE, o	4.7	0.22
DICHLOROBENZENE, m	4.7	0.06
DICHLOROBENZENE, p	4.7	0.18
DICHLOROBENZENE, o,m, & p	50	0.46
1,1 DICHLOROETHANE	5	0.09
1,2 DICHLOROETHANE	5	0.67
1,1 DICHLOROETHENE	0.07	0.03
1,2 DICHLOROETHENE, cis	50	0.53
1,2 DICHLOROETHENE, trans	5	0.02
1,2 DICHLOROPROPANE	5	0.18
ETHYLBENZENE	50	0.02
METHYLENE CHLORIDE	5	3.41
TETRACHLOROETHENE	0.7	0.30
TOLUENE	5	0.04
1,1,1 TRICHLOROETHANE	5	0.08
TRICHLOROETHYLENE	5	0.07
VINYL CHLORIDE	2	0.26
XYLENE, o	5	0.07
XYLENE, m & p	5	0.01
XYLENE, o, m & p	50	0.08

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 801 & 802

SAMPLE ID:	21105W3	SAMPLER:	BB & TC
LOCATION:	WELL 3	ANALYST:	LK
DATE:	11/05/92	TIME:	9:15-10:00 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	501.51
BENZENE	ND	20.29
BROMODICHLOROMETHANE	50 ***	0.64
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	2.21
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	0.00
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	1.59
DICHLOROBENZENE, m	4.7	0.78
DICHLOROBENZENE, p	4.7	8.20
DICHLOROBENZENE, o,m, & p	50	8.57
1,1 DICHLOROETHANE	5	58.30
1,2 DICHLOROETHANE	5	3.12
1,1 DICHLOROETHENE	0.07	2.25
1,2 DICHLOROETHENE, cis	50	250.38
1,2 DICHLOROETHENE, trans	5	1.27
1,2 DICHLOROPROPANE	5	2.60
ETHYLBENZENE	50	0.35
METHYLENE CHLORIDE	5	25.23
TETRACHLOROETHENE	0.7	41.85
TOLUENE	5	0.67
1,1,1 TRICHLOROETHANE	5	7.15
TRICHLOROETHYLENE	5	22.55
VINYL CHLORIDE	2	37.30
XYLENE, o	5	18.55
XYLENE, m & p	5	0.23
XYLENE, o, m & p	50	18.78

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 601 & 602

SAMPLE ID:	21105W4	SAMPLER:	BB & IC
LOCATION:	WELL 4	ANALYST:	LK
DATE:	11/05/92	TIME:	9:15-10:00 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	378.48
BENZENE	ND	4.25
BROMODICHLOROMETHANE	50 ***	1.86
BROMOFORM	50 ***	0.31
CARBON TETRACHLORIDE	5	5.93
CHLOROBENZENE	5	2.21
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	4.23
CHLOROFORM	100 ***	4.95
DICHLOROBENZENE, o	4.7	1.70
DICHLOROBENZENE, m	4.7	2.10
DICHLOROBENZENE, p	4.7	1.91
DICHLOROBENZENE, o,m, & p	50	5.71
1,1 DICHLOROETHANE	5	4.52
1,2 DICHLOROETHANE	5	4.73
1,1 DICHLOROETHENE	0.07	5.84
1,2 DICHLOROETHENE, cis	50	16.99
1,2 DICHLOROETHENE, trans	5	4.09
1,2 DICHLOROPROPANE	5	3.41
ETHYLBENZENE	50	3.25
METHYLENE CHLORIDE	5	9.80
TETRACHLOROETHENE	0.7	288.47
TOLUENE	5	8.29
1,1,1 TRICHLOROETHANE	5	6.62
TRICHLOROETHYLENE	5	8.25
VINYL CHLORIDE	2	7.41
XYLENE, o	5	2.46
XYLENE, m & p	5	2.50
XYLENE, o, m & p	50	4.96

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 801 & 802

SAMPLE ID:	21105W5	SAMPLER:	BB & IC
LOCATION:	WELL 5	ANALYST:	LK
DATE:	11/05/92	TIME:	9:15-10:00 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	626.39
BENZENE	ND	12.31
BROMODICHLOROMETHANE	50 ***	0.81
BROMOFORM	50 ***	0.27
CARBON TETRACHLORIDE	5	0.46
CHLOROBENZENE	5	0.19
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	0.22
CHLOROFORM	100 ***	2.19
DICHLOROBENZENE, o	4.7	0.38
DICHLOROBENZENE, m	4.7	0.80
DICHLOROBENZENE, p	4.7	1.79
DICHLOROBENZENE, o,m, & p	50	2.47
1,1 DICHLOROETHANE	5	1.11
1,2 DICHLOROETHANE	5	3.19
1,1 DICHLOROETHENE	0.07	1.83
1,2 DICHLOROETHENE, cis	50	26.27
1,2 DICHLOROETHENE, trans	5	0.32
1,2 DICHLOROPROPANE	5	3.25
ETHYLBENZENE	50	0.27
METHYLENE CHLORIDE	5	8.78
TETRACHLOROETHENE	0.7	503.96
TOLUENE	5	0.81
1,1,1 TRICHLOROETHANE	5	6.88
TRICHLOROETHYLENE	5	46.53
VINYL CHLORIDE	2	1.73
XYLENE, o	5	3.05
XYLENE, m & p	5	0.19
XYLENE, o, m & p	50	3.24

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 801 & 802

SAMPLE ID:	21112W1	SAMPLER:	BB & TC
LOCATION:	WELL 1	ANALYST:	LK
DATE:	11/12/92	TIME:	9:40-10:00 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	29.86
BENZENE	ND	2.04
BROMODICHLOROMETHANE	50 ***	0.14
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	0.20
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	1.25
CHLOROFORM	100 ***	0.61
DICHLOROBENZENE, o	4.7	1.02
DICHLOROBENZENE, m	4.7	0.29
DICHLOROBENZENE, p	4.7	2.49
DICHLOROBENZENE, o,m, & p	50	3.80
1,1 DICHLOROETHANE	5	3.03
1,2 DICHLOROETHANE	5	1.08
1,1 DICHLOROETHENE	0.07	0.08
1,2 DICHLOROETHENE, cis	50	5.47
1,2 DICHLOROETHENE, trans	5	0.16
1,2 DICHLOROPROPANE	5	0.50
ETHYLBENZENE	50	0.00
METHYLENE CHLORIDE	5	4.18
TETRACHLOROETHENE	0.7	1.24
TOLUENE	5	0.08
1,1,1 TRICHLOROETHANE	5	0.38
TRICHLOROETHYLENE	5	1.36
VINYL CHLORIDE	2	4.01
XYLENE, o	5	0.19
XYLENE, m & p	5	0.08
XYLENE, o, m & p	50	0.25

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 601 & 602

SAMPLE ID:	21112W9	SAMPLER:	BB & TC
LOCATION:	WELL 9	ANALYST:	LK
DATE:	11/12/92	TIME:	9:40-10:00 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION[*] (ug/l)	MEASURED CONCENTRATION^{**} (ug/l)
TOTAL VOCs	100	481.88
BENZENE	ND	18.38
BROMODICHLOROMETHANE	50 ***	0.60
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	0.57
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	7.82
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	1.00
DICHLOROBENZENE, m	4.7	0.25
DICHLOROBENZENE, p	4.7	5.52
DICHLOROBENZENE, o,m, & p	50	6.77
1,1 DICHLOROETHANE	5	52.88
1,2 DICHLOROETHANE	5	3.32
1,1 DICHLOROETHENE	0.07	2.34
1,2 DICHLOROETHENE, cis	50	282.11
1,2 DICHLOROETHENE, trans	5	1.57
1,2 DICHLOROPROPANE	5	2.95
ETHYLBENZENE	50	0.00
METHYLENE CHLORIDE	5	25.70
TETRACHLOROETHENE	0.7	40.10
TOLUENE	5	0.51
1,1,1 TRICHLOROETHANE	5	7.10
TRICHLOROETHYLENE	5	22.11
VINYL CHLORIDE	2	40.49
XYLENE, o	5	17.07
XYLENE, m & p	5	0.09
XYLENE, o, m & p	50	17.16

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** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 601 & 602

SAMPLE ID:	21112W4	SAMPLER:	BB & TC
LOCATION:	WELL 4	ANALYST:	LK
DATE:	11/12/92	TIME:	9:40-10:00 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	307.96
BENZENE	ND	0.79
BROMODICHLOROMETHANE	60 ***	0.26
BROMOFORM	60 ***	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	0.18
CHLORODIBROMOMETHANE	60 ***	0.00
CHLOROETHANE	5	0.32
CHLOROFORM	100 ***	1.62
DICHLOROBENZENE, o	4.7	0.41
DICHLOROBENZENE, m	4.7	0.88
DICHLOROBENZENE, p	4.7	0.39
DICHLOROBENZENE, o,m, & p	60	1.18
1,1 DICHLOROETHANE	5	1.20
1,2 DICHLOROETHANE	5	1.83
1,1 DICHLOROETHENE	0.07	0.29
1,2 DICHLOROETHENE, cis	60	13.71
1,2 DICHLOROETHENE, trans	5	0.00
1,2 DICHLOROPROPANE	5	0.90
ETHYLBENZENE	60	0.15
METHYLENE CHLORIDE	5	7.62
TETRACHLOROETHENE	0.7	288.49
TOLUENE	5	0.24
1,1,1 TRICHLOROETHANE	5	2.68
TRICHLOROETHYLENE	5	3.76
VINYL CHLORIDE	2	2.31
XYLENE, o	5	0.82
XYLENE, m & p	5	0.13
XYLENE, o, m & p	60	0.45

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 601 & 602

SAMPLE ID:	21112W5	SAMPLER:	BB & TC
LOCATION:	WELL 5	ANALYST:	LK
DATE:	11/12/92	TIME:	9:40-10:00 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	874.49
BENZENE	ND	17.61
BROMODICHLOROMETHANE	50 ***	0.94
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.10
CHLOROBENZENE	5	0.25
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	0.43
CHLOROFORM	100 ***	2.10
DICHLOROBENZENE, o	4.7	0.54
DICHLOROBENZENE, m	4.7	0.28
DICHLOROBENZENE, p	4.7	2.42
DICHLOROBENZENE, o,m, & p	50	3.19
1,1 DICHLOROETHANE	5	1.44
1,2 DICHLOROETHANE	5	3.08
1,1 DICHLOROETHENE	0.07	0.04
1,2 DICHLOROETHENE, cis	50	38.10
1,2 DICHLOROETHENE, trans	5	0.24
1,2 DICHLOROPROPANE	5	0.00
ETHYLBENZENE	50	0.19
METHYLENE CHLORIDE	5	9.44
TETRACHLOROETHENE	0.7	714.00
TOLUENE	5	0.29
1,1,1 TRICHLOROETHANE	5	6.88
TRICHLOROETHYLENE	5	70.29
VINYL CHLORIDE	2	1.40
XYLENE, o	5	4.98
XYLENE, m & p	5	0.15
XYLENE, o, m & p	50	4.48

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 801 & 802

SAMPLE ID:	21119W1	SAMPLER:	TC
LOCATION:	WELL 1	ANALYST:	LK
DATE:	11/19/92	TIME:	8:15-8:45 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	97.03
BENZENE	ND	3.61
BROMODICHLOROMETHANE	50 ***	0.18
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.09
CHLOROBENZENE	5	1.35
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	1.31
CHLOROFORM	100 ***	0.90
DICHLOROBENZENE, o	4.7	1.28
DICHLOROBENZENE, m	4.7	0.59
DICHLOROBENZENE, p	4.7	3.06
DICHLOROBENZENE, o,m, & p	50	4.93
1,1 DICHLOROETHANE	5	2.71
1,2 DICHLOROETHANE	5	1.28
1,1 DICHLOROETHENE	0.07	0.24
1,2 DICHLOROETHENE, cis	50	6.01
1,2 DICHLOROETHENE, trans	5	0.47
1,2 DICHLOROPROPANE	5	0.57
ETHYLBENZENE	50	0.26
METHYLENE CHLORIDE	5	4.27
TETRACHLOROETHENE	0.7	1.79
TOLUENE	5	0.23
1,1,1 TRICHLOROETHANE	5	0.53
TRICHLOROETHYLENE	5	1.48
VINYL CHLORIDE	2	4.40
XYLENE, o	5	0.30
XYLENE, m & p	5	0.17
XYLENE, o, m & p	50	0.47

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** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 801 & 802

SAMPLE ID:	21119W3	SAMPLER:	TC
LOCATION:	WELL 3	ANALYST:	LK
DATE:	11/19/92	TIME:	8:15-8:45 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	601.40
BENZENE	ND	23.30
BROMODICHLOROMETHANE	50 ***	1.77
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	2.47
CHLORO BENZENE	5	3.02
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	12.35
CHLOROFORM	100 ***	3.35
DICHLOROBENZENE, o	4.7	1.65
DICHLOROBENZENE, m	4.7	1.28
DICHLOROBENZENE, p	4.7	7.47
DICHLOROBENZENE, o,m, & p	50	10.40
1,1 DICHLOROETHANE	5	58.91
1,2 DICHLOROETHANE	5	5.24
1,1 DICHLOROETHENE	0.07	4.84
1,2 DICHLOROETHENE, cis	50	262.00
1,2 DICHLOROETHENE, trans	5	1.92
1,2 DICHLOROPROPANE	5	4.54
ETHYLBENZENE	50	0.00
METHYLENE CHLORIDE	5	27.97
TETRACHLOROETHENE	0.7	55.78
TOLUENE	5	2.22
1,1,1 TRICHLOROETHANE	5	10.11
TRICHLOROETHYLENE	5	26.72
VINYL CHLORIDE	2	62.09
XYLENE, o	5	21.01
XYLENE, m & p	5	1.39
XYLENE, o, m & p	50	22.40

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*** 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
EPA METHODS 801 & 802

SAMPLE ID:	21119W4	SAMPLER:	TC
LOCATION:	WELL 4	ANALYST:	LK
DATE:	11/19/92	TIME:	8:15-8:45 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	347.53
BENZENE	ND	0.93
BROMODICHLOROMETHANE	50 ***	0.40
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.46
CHLOROBENZENE	5	0.27
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	0.10
CHLOROFORM	100 ***	2.68
DICHLOROBENZENE, o	4.7	0.47
DICHLOROBENZENE, m	4.7	0.41
DICHLOROBENZENE, p	4.7	0.43
DICHLOROBENZENE, o,m, & p	50	1.81
1,1 DICHLOROETHANE	5	1.18
1,2 DICHLOROETHANE	5	2.98
1,1 DICHLOROETHENE	0.07	0.55
1,2 DICHLOROETHENE, cis	50	15.27
1,2 DICHLOROETHENE, trans	5	0.09
1,2 DICHLOROPROPANE	5	1.19
ETHYLBENZENE	50	0.26
METHYLENE CHLORIDE	5	8.88
TETRACHLOROETHENE	0.7	299.18
TOLUENE	5	0.81
1,1,1 TRICHLOROETHANE	5	3.72
TRICHLOROETHYLENE	5	4.46
VINYL CHLORIDE	2	2.62
XYLENE, o	5	0.48
XYLENE, m & p	5	0.21
XYLENE, o, m & p	50	0.69

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*** 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
EPA METHODS 801 & 802

SAMPLE ID:	21119W5	SAMPLER:	TC
LOCATION:	WELL 5	ANALYST:	LK
DATE:	11/19/92	TIME:	8:15-8:45 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	700.30
BENZENE	ND	13.94
BROMODICHLOROMETHANE	50 ***	1.04
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.20
CHLOROBENZENE	5	0.38
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	2.02
CHLOROFORM	100 ***	3.49
DICHLOROBENZENE, o	4.7	0.50
DICHLOROBENZENE, m	4.7	0.51
DICHLOROBENZENE, p	4.7	1.87
DICHLOROBENZENE, o,m, & p	50	2.88
1,1 DICHLOROETHANE	5	1.45
1,2 DICHLOROETHANE	5	5.84
1,1 DICHLOROETHENE	0.07	3.33
1,2 DICHLOROETHENE, cis	50	28.94
1,2 DICHLOROETHENE, trans	5	0.58
1,2 DICHLOROPROPANE	5	4.75
ETHYLBENZENE	50	0.31
METHYLENE CHLORIDE	5	19.09
TETRACHLOROETHENE	0.7	544.54
TOLUENE	5	0.44
1,1,1 TRICHLOROETHANE	5	5.48
TRICHLOROETHYLENE	5	49.49
VINYL CHLORIDE	2	8.47
XYLENE, o	5	8.90
XYLENE, m & p	5	0.24
XYLENE, o, m & p	50	4.14

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** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 801 & 802

SAMPLE ID:	21125W1	SAMPLER:	TC
LOCATION:	WELL 1	ANALYST:	LK
DATE:	11/25/92	TIME:	8:10-8:30 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	34.89
BENZENE	ND	2.26
BROMODICHLOROMETHANE	50 ***	0.12
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.04
CHLOROBENZENE	5	1.13
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	1.37
CHLOROFORM	100 ***	0.82
DICHLOROBENZENE, o	4.7	1.18
DICHLOROBENZENE, m	4.7	0.84
DICHLOROBENZENE, p	4.7	2.65
DICHLOROBENZENE, o,m, & p	50	4.17
1,1 DICHLOROETHANE	5	2.76
1,2 DICHLOROETHANE	5	1.10
1,1 DICHLOROETHENE	0.07	0.27
1,2 DICHLOROETHENE, cis	50	5.48
1,2 DICHLOROETHENE, trans	5	0.19
1,2 DICHLOROPROPANE	5	0.51
ETHYLBENZENE	50	0.18
METHYLENE CHLORIDE	5	4.22
TETRACHLOROETHENE	0.7	2.65
TOLUENE	5	0.14
1,1,1 TRICHLOROETHANE	5	1.07
TRICHLOROETHYLENE	5	1.42
VINYL CHLORIDE	2	4.61
XYLENE, o	5	0.26
XYLENE, m & p	5	0.12
XYLENE, o, m & p	50	0.98

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** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 801 & 802

SAMPLE ID:	21125W3	SAMPLER:	TC
LOCATION:	WELL 3	ANALYST:	LK
DATE:	11/25/92	TIME:	8:10-8:30 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	498.43
BENZENE	ND	18.36
BROMODICHLOROMETHANE	50 ***	0.18
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	1.98
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	8.70
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	1.72
DICHLOROBENZENE, m	4.7	0.27
DICHLOROBENZENE, p	4.7	5.41
DICHLOROBENZENE, o,m, & p	50	7.40
1,1 DICHLOROETHANE	5	57.05
1,2 DICHLOROETHANE	5	3.32
1,1 DICHLOROETHENE	0.07	1.98
1,2 DICHLOROETHENE, cis	50	221.50
1,2 DICHLOROETHENE, trans	5	2.93
1,2 DICHLOROPROPANE	5	1.66
ETHYLBENZENE	50	0.18
METHYLENE CHLORIDE	5	26.67
TETRACHLOROETHENE	0.7	48.31
TOLUENE	5	0.47
1,1,1 TRICHLOROETHANE	5	8.57
TRICHLOROETHYLENE	5	21.77
VINYL CHLORIDE	2	52.75
XYLENE, o	5	16.57
XYLENE, m & p	5	0.10
XYLENE, o, m & p	50	16.67

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*** 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
EPA METHODS 801 & 802

SAMPLE ID:	21125W4	SAMPLER:	TC
LOCATION:	WELL 4	ANALYST:	LK
DATE:	11/25/92	TIME:	8:10-8:30 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	332.28
BENZENE	ND	0.49
BROMODICHLOROMETHANE	50 ***	0.21
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	0.10
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	0.04
CHLOROFORM	100 ***	1.67
DICHLOROBENZENE, o	4.7	0.43
DICHLOROBENZENE, m	4.7	0.15
DICHLOROBENZENE, p	4.7	0.04
DICHLOROBENZENE, o,m, & p	50	0.62
1,1 DICHLOROETHANE	5	1.02
1,2 DICHLOROETHANE	5	2.00
1,1 DICHLOROETHENE	0.07	0.28
1,2 DICHLOROETHENE, cis	50	12.73
1,2 DICHLOROETHENE, trans	5	0.42
1,2 DICHLOROPROPANE	5	0.88
ETHYLBENZENE	50	0.04
METHYLENE CHLORIDE	5	8.53
TETRACHLOROETHENE	0.7	292.84
TOLUENE	5	0.10
1,1,1 TRICHLOROETHANE	5	2.75
TRICHLOROETHYLENE	5	3.54
VINYL CHLORIDE	2	3.81
XYLENE, o	5	0.19
XYLENE, m & p	5	0.04
XYLENE, o, m & p	50	0.23

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** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 801 & 802

SAMPLE ID:	21125W5	SAMPLER:	TC
LOCATION:	WELL 5	ANALYST:	LK
DATE:	11/25/92	TIME:	8:10-8:30 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION[*] (ug/l)	MEASURED CONCENTRATION^{**} (ug/l)
TOTAL VOCs	100	594.62
BENZENE	ND	10.69
BROMODICHLOROMETHANE	50 ***	0.87
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	3.51
CHLOROBENZENE	5	0.31
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	0.63
CHLOROFORM	100 ***	3.51
DICHLOROBENZENE, o	4.7	0.61
DICHLOROBENZENE, m	4.7	0.27
DICHLOROBENZENE, p	4.7	1.44
DICHLOROBENZENE, o,m, & p	50	2.32
1,1 DICHLOROETHANE	5	1.09
1,2 DICHLOROETHANE	5	4.70
1,1 DICHLOROETHENE	0.07	2.25
1,2 DICHLOROETHENE, cis	50	22.51
1,2 DICHLOROETHENE, trans	5	0.00
1,2 DICHLOROPROPANE	5	0.00
ETHYLBENZENE	50	0.24
METHYLENE CHLORIDE	5	17.87
TETRACHLOROETHENE	0.7	474.37
TOLUENE	5	0.95
1,1,1 TRICHLOROETHANE	5	4.27
TRICHLOROETHYLENE	5	38.92
VINYL CHLORIDE	2	3.50
XYLENE, o	5	2.93
XYLENE, m & p	5	0.18
XYLENE, o, m & p	50	3.11

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** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 601 & 602

SAMPLE ID:	21204W1	SAMPLER:	PM/BB
LOCATION:	WELL 1	ANALYST:	PM/LK
DATE:	12/04/92	TIME:	9:20-9:35 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	39.38
BENZENE	ND	2.81
BROMODICHLOROMETHANE	50 ***	0.09
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.26
CHLORO BENZENE	5	1.13
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	2.27
CHLOROFORM	100 ***	0.61
DICHLOROBENZENE, o	4.7	1.25
DICHLOROBENZENE, m	4.7	0.58
DICHLOROBENZENE, p	4.7	2.42
DICHLOROBENZENE, o,m, & p	50	4.25
1,1 DICHLOROETHANE	5	3.07
1,2 DICHLOROETHANE	5	0.57
1,1 DICHLOROETHENE	0.07	0.12
1,2 DICHLOROETHENE, cis	50	5.34
1,2 DICHLOROETHENE, trans	5	0.28
1,2 DICHLOROPROPANE	5	0.49
ETHYLBENZENE	50	0.38
METHYLENE CHLORIDE	5	1.13
TETRACHLOROETHENE	0.7	4.92
TOLUENE	5	0.88
1,1,1 TRICHLOROETHANE	5	2.58
TRICHLOROETHYLENE	5	1.64
VINYL CHLORIDE	2	6.87
XYLENE, o	5	0.87
XYLENE, m & p	5	0.28
XYLENE, o, m & p	50	0.65

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*** 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
EPA METHODS 801 & 802

SAMPLE ID:	21204W3	SAMPLER:	PM/BB
LOCATION:	WELL 3	ANALYST:	PM/LK
DATE:	12/04/92	TIME:	9:20-9:35 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	549.14
BENZENE	ND	20.99
BROMODICHLOROMETHANE	50 ***	0.82
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	2.06
CHLOROBENZENE	5	2.52
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	18.84
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	2.26
DICHLOROBENZENE, m	4.7	0.98
DICHLOROBENZENE, p	4.7	5.28
DICHLOROBENZENE, o,m, & p	50	8.50
1,1 DICHLOROETHANE	5	65.44
1,2 DICHLOROETHANE	5	3.60
1,1 DICHLOROETHENE	0.07	4.28
1,2 DICHLOROETHENE, cis	50	218.15
1,2 DICHLOROETHENE, trans	5	5.97
1,2 DICHLOROPROPANE	5	2.98
ETHYLBENZENE	50	1.37
METHYLENE CHLORIDE	5	31.92
TETRACHLOROETHENE	0.7	43.98
TOLUENE	5	1.67
1,1,1 TRICHLOROETHANE	5	9.73
TRICHLOROETHYLENE	5	20.89
VINYL CHLORIDE	2	70.68
XYLENE, o	5	15.68
XYLENE, m & p	5	1.09
XYLENE, o, m & p	50	16.77

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 801 & 802

SAMPLE ID:	21204W4	SAMPLER:	PM/BB
LOCATION:	WELL 4	ANALYST:	PM/LK
DATE:	12/04/92	TIME:	9:20-9:35 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	317.92
BENZENE	ND	1.30
BROMODICHLOROMETHANE	50 ***	0.09
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.61
CHLOROBENZENE	5	0.29
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	0.64
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	0.58
DICHLOROBENZENE, m	4.7	0.89
DICHLOROBENZENE, p	4.7	0.67
DICHLOROBENZENE, o,m, & p	50	1.64
1,1 DICHLOROETHANE	5	1.62
1,2 DICHLOROETHANE	5	0.85
1,1 DICHLOROETHENE	0.07	4.33
1,2 DICHLOROETHENE, cis	50	12.67
1,2 DICHLOROETHENE, trans	5	1.84
1,2 DICHLOROPROPANE	5	0.00
ETHYLBENZENE	50	0.33
METHYLENE CHLORIDE	5	7.43
TETRACHLOROETHENE	0.7	288.33
TOLUENE	5	0.50
1,1,1 TRICHLOROETHANE	5	8.38
TRICHLOROETHYLENE	5	3.66
VINYL CHLORIDE	2	2.73
XYLENE, o	5	0.40
XYLENE, m & p	5	0.28
XYLENE, o, m & p	50	0.68

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*** 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
EPA METHODS 601 & 602

SAMPLE ID:	21204W5	SAMPLER:	PM/BB
LOCATION:	WELL 5	ANALYST:	PM/LK
DATE:	12/04/92	TIME:	9:20-9:35 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	567.20
BENZENE	ND	12.70
BROMODICHLOROMETHANE	50 ***	0.00
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.12
CHLOROBENZENE	5	0.23
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	0.10
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	0.91
DICHLOROBENZENE, m	4.7	0.41
DICHLOROBENZENE, p	4.7	1.74
DICHLOROBENZENE, o,m, & p	50	9.06
1,1 DICHLOROETHANE	5	1.10
1,2 DICHLOROETHANE	5	1.23
1,1 DICHLOROETHENE	0.07	0.94
1,2 DICHLOROETHENE, cis	50	23.23
1,2 DICHLOROETHENE, trans	5	0.25
1,2 DICHLOROPROPANE	5	0.00
ETHYLBENZENE	50	0.26
METHYLENE CHLORIDE	5	5.67
TETRACHLOROETHENE	0.7	464.02
TOLUENE	5	0.57
1,1,1 TRICHLOROETHANE	5	5.89
TRICHLOROETHYLENE	5	44.69
VINYL CHLORIDE	2	0.37
XYLENE, o	5	2.54
XYLENE, m & p	5	0.23
XYLENE, o, m & p	50	2.77

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TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

ORGANICS ANALYSIS REPORT
EPA METHODS 801 & 802

SAMPLE ID:	21216EA	SAMPLER:	PM
LOCATION:	EFFLUENT-RAP	ANALYST:	PM/LK
DATE:	12/16/92	TIME:	7:50 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	3.27
BENZENE	ND	0.11
BROMODICHLOROMETHANE	50 ***	0.00
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	0.13
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	0.00
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	0.08
DICHLOROBENZENE, m	4.7	0.04
DICHLOROBENZENE, p	4.7	0.11
DICHLOROBENZENE, o,m, & p	50	0.23
1,1 DICHLOROETHANE	5	0.13
1,2 DICHLOROETHANE	5	0.13
1,1 DICHLOROETHENE	0.07	0.00
1,2 DICHLOROETHENE, cis	50	0.83
1,2 DICHLOROETHENE, trans	5	0.08
1,2 DICHLOROPROPANE	5	0.01
ETHYLBENZENE	50	0.06
METHYLENE CHLORIDE	5	0.23
TETRACHLOROETHENE	0.7	1.03
TOLUENE	5	0.08
1,1,1 TRICHLOROETHANE	5	0.07
TRICHLOROETHYLENE	5	0.11
VINYL CHLORIDE	2	0.00
XYLENE, o	5	0.10
XYLENE, m & p	5	0.01
XYLENE, o, m & p	50	0.11

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TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

ORGANICS ANALYSIS REPORT
EPA METHODS 801 & 802

SAMPLE ID:	212161A	SAMPLER:	PM
LOCATION:	INFLUENT-RAP	ANALYST:	PM/LK
DATE:	12/16/92	TIME:	7:55 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	358.85
BENZENE	ND	9.85
BROMODICHLOROMETHANE	50 ***	0.00
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	0.92
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	4.32
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	0.51
DICHLOROBENZENE, m	4.7	0.12
DICHLOROBENZENE, p	4.7	2.49
DICHLOROBENZENE, o,m, & p	50	3.12
1,1 DICHLOROETHANE	5	15.71
1,2 DICHLOROETHANE	5	0.79
1,1 DICHLOROETHENE	0.07	0.58
1,2 DICHLOROETHENE, cis	50	67.99
1,2 DICHLOROETHENE, trans	5	0.53
1,2 DICHLOROPROPANE	5	0.00
ETHYLBENZENE	50	0.09
METHYLENE CHLORIDE	5	7.54
TETRACHLOROETHENE	0.7	198.88
TOLUENE	5	0.21
1,1,1 TRICHLOROETHANE	5	4.13
TRICHLOROETHYLENE	5	19.08
VINYL CHLORIDE	2	22.84
XYLENE, o	5	4.45
XYLENE, m & p	5	0.04
XYLENE, o, m & p	50	4.49

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*** 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
EPA METHODS 801 & 802

SAMPLE ID:	21217W1	SAMPLER:	IC/BB
LOCATION:	WELL 1	ANALYST:	PM/LK
DATE:	12/17/92	TIME:	9:00-9:15 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	36.94
BENZENE	ND	3.10
BROMODICHLOROMETHANE	50 ***	0.00
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	1.13
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	2.04
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	1.13
DICHLOROBENZENE, m	4.7	0.28
DICHLOROBENZENE, p	4.7	2.83
DICHLOROBENZENE, o,m, & p	50	3.99
1,1 DICHLOROETHANE	5	3.02
1,2 DICHLOROETHANE	5	0.32
1,1 DICHLOROETHENE	0.07	0.23
1,2 DICHLOROETHENE, cis	50	6.44
1,2 DICHLOROETHENE, trans	5	1.07
1,2 DICHLOROPROPANE	5	0.27
ETHYLBENZENE	50	0.12
METHYLENE CHLORIDE	5	1.60
TETRACHLOROETHENE	0.7	1.86
TOLUENE	5	0.14
1,1,1 TRICHLOROETHANE	5	0.74
TRICHLOROETHYLENE	5	1.49
VINYL CHLORIDE	2	9.29
XYLENE, o	5	0.24
XYLENE, m & p	5	0.05
XYLENE, o, m & p	50	0.29

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** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 801 & 802

SAMPLE ID:	21217W2	SAMPLER:	TC/BB
LOCATION:	WELL 2	ANALYST:	PM/LK
DATE:	12/17/92	TIME:	9:00-9:15 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	34.93
BENZENE	ND	2.31
BROMODICHLOROMETHANE	50 ***	0.00
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	1.41
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	3.48
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	1.26
DICHLOROBENZENE, m	4.7	0.81
DICHLOROBENZENE, p	4.7	3.88
DICHLOROBENZENE, o,m, & p	50	5.25
1,1 DICHLOROETHANE	5	4.93
1,2 DICHLOROETHANE	5	0.29
1,1 DICHLOROETHENE	0.07	0.14
1,2 DICHLOROETHENE, cis	50	7.35
1,2 DICHLOROETHENE, trans	5	0.27
1,2 DICHLOROPROPANE	5	0.00
ETHYLBENZENE	50	0.10
METHYLENE CHLORIDE	5	0.92
TETRACHLOROETHENE	0.7	1.81
TOLUENE	5	0.15
1,1,1 TRICHLOROETHANE	5	1.03
TRICHLOROETHYLENE	5	1.52
VINYL CHLORIDE	2	3.83
XYLENE, o	5	0.80
XYLENE, m & p	5	0.04
XYLENE, o, m & p	50	0.34

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** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 801 & 802

SAMPLE ID:	21217W3	SAMPLER:	TC/BB
LOCATION:	WELL 3	ANALYST:	PM/LK
DATE:	12/17/92	TIME:	9:00-9:15 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	616.10
BENZENE	ND	25.48
BROMODICHLOROMETHANE	50 ***	0.00
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	2.18
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	17.37
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	1.41
DICHLOROBENZENE, m	4.7	0.28
DICHLOROBENZENE, p	4.7	5.57
DICHLOROBENZENE, o, m, & p	50	7.21
1,1 DICHLOROETHANE	5	88.18
1,2 DICHLOROETHANE	5	2.36
1,1 DICHLOROETHENE	0.07	2.79
1,2 DICHLOROETHENE, cis	50	268.26
1,2 DICHLOROETHENE, trans	5	1.74
1,2 DICHLOROPROPANE	5	0.00
ETHYLBENZENE	50	0.21
METHYLENE CHLORIDE	5	28.39
TETRACHLOROETHENE	0.7	47.98
TOLUENE	5	0.65
1,1,1 TRICHLOROETHANE	5	9.19
TRICHLOROETHYLENE	5	23.50
VINYL CHLORIDE	2	94.32
XYLENE, o	5	18.21
XYLENE, m & p	5	0.12
XYLENE, o, m & p	50	18.33

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*** 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
EPA METHODS 801 & 802

SAMPLE ID:	21217W4	SAMPLER:	TC/BB
LOCATION:	WELL 4	ANALYST:	PM/LK
DATE:	12/17/92	TIME:	9:00-9:15 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	376.73
BENZENE	ND	0.67
BROMODICHLOROMETHANE	50 ***	0.00
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	0.07
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	0.00
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	0.13
DICHLOROBENZENE, m	4.7	0.09
DICHLOROBENZENE, p	4.7	0.17
DICHLOROBENZENE, o,m, & p	50	0.39
1,1 DICHLOROETHANE	5	1.30
1,2 DICHLOROETHANE	5	0.82
1,1 DICHLOROETHENE	0.07	0.09
1,2 DICHLOROETHENE, cis	50	16.17
1,2 DICHLOROETHENE, trans	5	0.05
1,2 DICHLOROPROPANE	5	0.00
ETHYLBENZENE	50	0.04
METHYLENE CHLORIDE	5	2.12
TETRACHLOROETHENE	0.7	343.87
TOLUENE	5	0.18
1,1,1 TRICHLOROETHANE	5	1.22
TRICHLOROETHYLENE	5	4.92
VINYL CHLORIDE	2	4.21
XYLENE, o	5	0.17
XYLENE, m & p	5	0.04
XYLENE, o, m & p	50	0.21

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TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

ORGANICS ANALYSIS REPORT
EPA METHODS 801 & 802

SAMPLE ID:	21217W5	SAMPLER:	TC/BB
LOCATION:	WELL 5	ANALYST:	PM/LK
DATE:	12/17/92	TIME:	9:00-9:15 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	756.09
BENZENE	ND	21.31
BROMODICHLOROMETHANE	50 ***	0.00
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.67
CHLOROBENZENE	5	0.84
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	0.16
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	1.28
DICHLOROBENZENE, m	4.7	1.21
DICHLOROBENZENE, p	4.7	2.78
DICHLOROBENZENE, o,m, & p	50	5.23
1,1 DICHLOROETHANE	5	1.07
1,2 DICHLOROETHANE	5	2.16
1,1 DICHLOROETHENE	0.07	1.16
1,2 DICHLOROETHENE, cis	50	31.93
1,2 DICHLOROETHENE, trans	5	0.27
1,2 DICHLOROPROPANE	5	0.00
ETHYLBENZENE	50	0.71
METHYLENE CHLORIDE	5	6.36
TETRACHLOROETHENE	0.7	610.44
TOLUENE	5	0.81
1,1,1 TRICHLOROETHANE	5	7.51
TRICHLOROETHYLENE	5	60.06
VINYL CHLORIDE	2	0.56
XYLENE, o	5	4.26
XYLENE, m & p	5	0.83
XYLENE, o, m & p	50	4.89

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TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

ORGANICS ANALYSIS REPORT
EPA METHODS 801 & 802

SAMPLE ID:	21223W1	SAMPLER:	IC/BB
LOCATION:	WELL 1	ANALYST:	PM/LK
DATE:	12/23/92	TIME:	8:20-8:45 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	40.24
BENZENE	ND	3.21
BROMODICHLOROMETHANE	50 ***	0.00
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	1.08
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	2.83
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	1.34
DICHLOROBENZENE, m	4.7	0.28
DICHLOROBENZENE, p	4.7	2.53
DICHLOROBENZENE, o,m, & p	50	4.15
1,1 DICHLOROETHANE	5	3.37
1,2 DICHLOROETHANE	5	0.29
1,1 DICHLOROETHENE	0.07	0.08
1,2 DICHLOROETHENE, cis	50	6.40
1,2 DICHLOROETHENE, trans	5	0.31
1,2 DICHLOROPROPANE	5	0.24
ETHYLBENZENE	50	0.09
METHYLENE CHLORIDE	5	1.26
TETRACHLOROETHENE	0.7	3.05
TOLUENE	5	0.11
1,1,1 TRICHLOROETHANE	5	1.35
TRICHLOROETHYLENE	5	1.58
VINYL CHLORIDE	2	10.55
XYLENE, o	5	0.24
XYLENE, m & p	5	0.05
XYLENE, o, m & p	50	0.29

- * REGULATORY EFFLUENT DISCHARGE STANDARDS AS SPECIFIED IN THE CONSENT DECREE AND AS MODIFIED BY 11/10/88 LETTER TO THE TOWN.
- ** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.
- *** 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
EPA METHODS 801 & 802

SAMPLE ID:	21223W2	SAMPLER:	TC/BB
LOCATION:	WELL 2	ANALYST:	PM/LK
DATE:	12/23/92	TIME:	8:20-8:45 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	26.79
BENZENE	ND	1.78
BROMODICHLOROMETHANE	50 ***	0.00
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	0.83
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	2.75
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	0.78
DICHLOROBENZENE, m	4.7	0.18
DICHLOROBENZENE, p	4.7	2.12
DICHLOROBENZENE, o,m, & p	50	3.06
1,1 DICHLOROETHANE	5	3.85
1,2 DICHLOROETHANE	5	0.19
1,1 DICHLOROETHENE	0.07	0.02
1,2 DICHLOROETHENE, cis	50	5.49
1,2 DICHLOROETHENE, trans	5	0.28
1,2 DICHLOROPROPANE	5	0.16
ETHYLBENZENE	50	0.04
METHYLENE CHLORIDE	5	1.50
TETRACHLOROETHENE	0.7	1.45
TOLUENE	5	0.07
1,1,1 TRICHLOROETHANE	5	0.77
TRICHLOROETHYLENE	5	1.15
VINYL CHLORIDE	2	2.32
XYLENE, o	5	0.80
XYLENE, m & p	5	0.02
XYLENE, o, m & p	50	0.92

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 601 & 602

SAMPLE ID:	21223W3	SAMPLER:	TC/BB
LOCATION:	WELL 3	ANALYST:	PM/LK
DATE:	12/23/92	TIME:	8:20-8:45 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	558.13
BENZENE	ND	22.83
BROMODICHLOROMETHANE	50 ***	0.00
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	1.98
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	13.43
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	1.21
DICHLOROBENZENE, m	4.7	0.28
DICHLOROBENZENE, p	4.7	4.93
DICHLOROBENZENE, o,m, & p	50	6.42
1,1 DICHLOROETHANE	5	85.24
1,2 DICHLOROETHANE	5	2.59
1,1 DICHLOROETHENE	0.07	1.38
1,2 DICHLOROETHENE, cis	50	239.48
1,2 DICHLOROETHENE, trans	5	2.23
1,2 DICHLOROPROPANE	5	0.00
ETHYLBENZENE	50	0.15
METHYLENE CHLORIDE	5	28.89
TETRACHLOROETHENE	0.7	49.58
TOLUENE	5	0.47
1,1,1 TRICHLOROETHANE	5	10.84
TRICHLOROETHYLENE	5	20.87
VINYL CHLORIDE	2	75.73
XYLENE, o	5	15.98
XYLENE, m & p	5	0.09
XYLENE, o, m & p	50	16.02

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*** 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
EPA METHODS 801 & 802

SAMPLE ID:	21223W4	SAMPLER:	TC/BB
LOCATION:	WELL 4	ANALYST:	PM/LK
DATE:	12/23/92	TIME:	8:20-8:45 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	367.12
BENZENE	ND	0.83
BROMODICHLOROMETHANE	50 ***	0.00
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	0.74
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	0.12
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	0.43
DICHLOROBENZENE, m	4.7	0.08
DICHLOROBENZENE, p	4.7	0.18
DICHLOROBENZENE, o,m, & p	50	0.67
1,1 DICHLOROETHANE	5	1.07
1,2 DICHLOROETHANE	5	0.85
1,1 DICHLOROETHENE	0.07	0.19
1,2 DICHLOROETHENE, cis	50	14.08
1,2 DICHLOROETHENE, trans	5	0.11
1,2 DICHLOROPROPANE	5	0.00
ETHYLBENZENE	50	0.02
METHYLENE CHLORIDE	5	2.92
TETRACHLOROETHENE	0.7	336.35
TOLUENE	5	0.09
1,1,1 TRICHLOROETHANE	5	1.15
TRICHLOROETHYLENE	5	4.43
VINYL CHLORIDE	2	3.81
XYLENE, o	5	0.17
XYLENE, m & p	5	0.02
XYLENE, o, m & p	50	0.19

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*** 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
EPA METHODS 801 & 802

SAMPLE ID:	21223W5	SAMPLER:	IC/BB
LOCATION:	WELL 5	ANALYST:	PM/LK
DATE:	12/23/92	TIME:	8:20-8:45 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	488.37
BENZENE	ND	11.59
BROMODICHLOROMETHANE	50 ***	0.00
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	0.30
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	0.00
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	1.36
DICHLOROBENZENE, m	4.7	1.46
DICHLOROBENZENE, p	4.7	0.72
DICHLOROBENZENE, o,m, & p	50	3.54
1,1 DICHLOROETHANE	5	0.60
1,2 DICHLOROETHANE	5	1.00
1,1 DICHLOROETHENE	0.07	0.45
1,2 DICHLOROETHENE, cis	50	23.30
1,2 DICHLOROETHENE, trans	5	0.06
1,2 DICHLOROPROPANE	5	0.00
ETHYLBENZENE	50	0.28
METHYLENE CHLORIDE	5	6.78
TETRACHLOROETHENE	0.7	388.31
TOLUENE	5	0.88
1,1,1 TRICHLOROETHANE	5	7.39
TRICHLOROETHYLENE	5	41.53
VINYL CHLORIDE	2	0.12
XYLENE, o	5	2.60
XYLENE, m & p	5	0.19
XYLENE, o, m & p	50	2.79

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*** 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
EPA METHODS 801 & 802

SAMPLE ID:	21231W1A	SAMPLER:	PM/TC
LOCATION:	WELL 1	ANALYST:	PM/LK
DATE:	12/31/92	TIME:	8:50-9:20 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	93.36
BENZENE	ND	2.85
BROMODICHLOROMETHANE	50 ***	0.00
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	1.08
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	2.18
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	0.98
DICHLOROBENZENE, m	4.7	0.25
DICHLOROBENZENE, p	4.7	2.38
DICHLOROBENZENE, o,m, & p	50	3.57
1,1 DICHLOROETHANE	5	3.38
1,2 DICHLOROETHANE	5	0.33
1,1 DICHLOROETHENE	0.07	0.00
1,2 DICHLOROETHENE, cis	50	5.35
1,2 DICHLOROETHENE, trans	5	0.47
1,2 DICHLOROPROPANE	5	0.28
ETHYLBENZENE	50	0.13
METHYLENE CHLORIDE	5	1.57
TETRACHLOROETHENE	0.7	1.28
TOLUENE	5	0.10
1,1,1 TRICHLOROETHANE	5	0.49
TRICHLOROETHYLENE	5	1.57
VINYL CHLORIDE	2	8.45
XYLENE, o	5	0.80
XYLENE, m & p	5	0.05
XYLENE, o, m & p	50	0.35

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*** 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
EPA METHODS 601 & 602

SAMPLE ID:	21231W2A	SAMPLER:	PM/IC
LOCATION:	WELL 2	ANALYST:	PM/LK
DATE:	12/31/92	TIME:	8:50-9:20 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	54.67
BENZENE	ND	2.75
BROMODICHLOROMETHANE	50 ***	0.12
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.05
CHLOROBENZENE	5	1.93
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	4.24
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	3.44
DICHLOROBENZENE, m	4.7	4.95
DICHLOROBENZENE, p	4.7	4.22
DICHLOROBENZENE, o,m, & p	50	12.61
1,1 DICHLOROETHANE	5	6.77
1,2 DICHLOROETHANE	5	0.48
1,1 DICHLOROETHENE	0.07	0.12
1,2 DICHLOROETHENE, cis	50	9.80
1,2 DICHLOROETHENE, trans	5	0.58
1,2 DICHLOROPROPANE	5	0.51
ETHYLBENZENE	50	0.18
METHYLENE CHLORIDE	5	1.95
TETRACHLOROETHENE	0.7	3.42
TOLUENE	5	0.22
1,1,1 TRICHLOROETHANE	5	2.87
TRICHLOROETHYLENE	5	2.67
VINYL CHLORIDE	2	2.82
XYLENE, o	5	0.54
XYLENE, m & p	5	0.09
XYLENE, o, m & p	50	0.63

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TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

ORGANICS ANALYSIS REPORT
EPA METHODS 801 & 802

SAMPLE ID:	21231W3	SAMPLER:	PM/IC
LOCATION:	WELL 3	ANALYST:	PM/LK
DATE:	12/31/92	TIME:	8:50-9:20 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	662.60
BENZENE	ND	20.10
BROMODICHLOROMETHANE	50 ***	0.00
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	1.84
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	18.38
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	0.99
DICHLOROBENZENE, m	4.7	0.42
DICHLOROBENZENE, p	4.7	4.90
DICHLOROBENZENE, o,m, & p	50	6.31
1,1 DICHLOROETHANE	5	88.38
1,2 DICHLOROETHANE	5	2.16
1,1 DICHLOROETHENE	0.07	2.44
1,2 DICHLOROETHENE, cis	50	204.81
1,2 DICHLOROETHENE, trans	5	3.03
1,2 DICHLOROPROPANE	5	0.00
ETHYLBENZENE	50	0.18
METHYLENE CHLORIDE	5	30.69
TETRACHLOROETHENE	0.7	63.72
TOLUENE	5	0.49
1,1,1 TRICHLOROETHANE	5	12.58
TRICHLOROETHYLENE	5	25.58
VINYL CHLORIDE	2	89.97
XYLENE, o	5	19.74
XYLENE, m & p	5	0.12
XYLENE, o, m & p	50	13.86

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*** 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
EPA METHODS 801 & 802

SAMPLE ID:	21231W4	SAMPLER:	PM/TC
LOCATION:	WELL 4	ANALYST:	PM/LK
DATE:	12/31/92	TIME:	8:50-9:20 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	312.35
BENZENE	ND	0.85
BROMODICHLOROMETHANE	50 ***	0.00
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.00
CHLOROBENZENE	5	0.03
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	0.00
CHLOROFORM	100 ***	0.00
DICHLOROBENZENE, o	4.7	1.23
DICHLOROBENZENE, m	4.7	0.20
DICHLOROBENZENE, p	4.7	0.22
DICHLOROBENZENE, o,m, & p	50	1.65
1,1 DICHLOROETHANE	5	1.01
1,2 DICHLOROETHANE	5	0.88
1,1 DICHLOROETHENE	0.07	0.00
1,2 DICHLOROETHENE, cis	50	11.01
1,2 DICHLOROETHENE, trans	5	0.76
1,2 DICHLOROPROPANE	5	0.00
ETHYLBENZENE	50	0.03
METHYLENE CHLORIDE	5	0.68
TETRACHLOROETHENE	0.7	286.02
TOLUENE	5	0.14
1,1,1 TRICHLOROETHANE	5	1.24
TRICHLOROETHYLENE	5	4.01
VINYL CHLORIDE	2	4.36
XYLENE, o	5	0.19
XYLENE, m & p	5	0.04
XYLENE, o, m & p	50	0.23

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

** HIGHLIGHTED COMPOUNDS ARE IN EXCESS OF ALLOWABLE EFFLUENT CONCENTRATIONS.

*** 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
EPA METHODS 601 & 602

SAMPLE ID:	21231W5	SAMPLER:	PM/TC
LOCATION:	WELL 5	ANALYST:	PM/LK
DATE:	12/31/92	TIME:	8:50-9:20 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (ug/l)	MEASURED CONCENTRATION** (ug/l)
TOTAL VOCs	100	579.20
BENZENE	ND	10.66
BROMODICHLOROMETHANE	50 ***	0.00
BROMOFORM	50 ***	0.00
CARBON TETRACHLORIDE	5	0.00
CHLORO BENZENE	5	0.13
CHLORODIBROMOMETHANE	50 ***	0.00
CHLOROETHANE	5	0.00
CHLOROFORM	100 ***	0.00
DICHLORO BENZENE, o	4.7	0.71
DICHLORO BENZENE, m	4.7	0.89
DICHLORO BENZENE, p	4.7	1.75
DICHLORO BENZENE, o, m, & p	50	2.85
1,1 DICHLOROETHANE	5	0.14
1,2 DICHLOROETHANE	5	1.79
1,1 DICHLOROETHENE	0.07	0.58
1,2 DICHLOROETHENE, cis	50	21.22
1,2 DICHLOROETHENE, trans	5	1.51
1,2 DICHLOROPROPANE	5	0.00
ETHYLBENZENE	50	0.17
METHYLENE CHLORIDE	5	8.27
TETRACHLOROETHENE	0.7	469.01
TOLUENE	5	0.87
1,1,1 TRICHLOROETHANE	5	10.51
TRICHLOROETHYLENE	5	49.08
VINYL CHLORIDE	2	0.18
XYLENE, o	5	2.59
XYLENE, m & p	5	0.14
XYLENE, o, m & p	50	2.73

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

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

APPENDIX D

SELF-MONITORING INORGANIC ANALYSIS

TOWN OF OYSTER BAY

DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	21002EA	SAMPLER:	LK
LOCATION:	EFFLUENT-RAP	ANALYST:	LK
DATE:	10/02/92	TIME:	7:55 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)**	MEASURED CONCENTRATION*** (mg/l)
pH (units)	6.5 - 8.5	7.7
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

* REGULATORY EFFLUENT DISCHARGE STANDARDS AS SPECIFIED IN THE CONSENT DECREE AND AS MODIFIED BY 11/10/93 LETTER TO THE TOWN.

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY

DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE NO:	210021A	SAMPLER:	LK
LOCATION:	INFLUENT-RAP	ANALYST:	LK
DATE:	10/02/92	TIME:	8:00 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)**	MEASURED CONCENTRATION*** (mg/l)
pH (units)	6.5 - 8.5	5.7
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

* REGULATORY EFFLUENT DISCHARGE STANDARDS AS SPECIFIED IN THE CONSENT DECREE AND AS MODIFIED BY 11/10/93 LETTER TO THE TOWN.

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY

DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	21005EA	SAMPLER:	LK
LOCATION:	EFFLUENT-RAP	ANALYST:	LK
DATE:	10/05/92	TIME:	7:49 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)**	MEASURED CONCENTRATION*** (mg/l)
pH (units)	6.5 - 8.5	7.8
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE NO:	Z10051A	SAMPLER:	LK
LOCATION:	INFLUENT-RAP	ANALYST:	LK
DATE:	10/05/92	TIME:	7:45 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)**	MEASURED CONCENTRATION*** (mg/l)
pH (units)	6.5 - 8.5	5.6
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY

DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	21007EA	SAMPLER:	LK
LOCATION:	EFFLUENT-RAP	ANALYST:	LK
DATE:	10/07/92	TIME:	7:58 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)**	MEASURED CONCENTRATION*** (mg/l)
pH (units)	6.5 - 8.5	7.7
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	<0.1
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	10.3
AMMONIA	10	NOT PERFORMED

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE NO:	210071A	SAMPLING:	LK
LOCATION:	INFLUENT-RAP	ANALYST:	LK
DATE:	10/07/92	TIME:	8:03 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)	MEASURED CONCENTRATION** (mg/l)
pH (units)	6.5 - 8.5	5.6
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	<0.1
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	9.6
AMMONIA	10	NOT PERFORMED

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	21009EA	SAMPLE:	LK
LOCATION:	EFFLUENT-RAP	ANALYST:	LK
DATE:	10/09/92	TIME:	7:45 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)**	MEASURED CONCENTRATION** (mg/l)
pH (units)	8.5 - 8.5	7.8
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	210091A	SAMPLE:	LK
LOCATION:	INFLUENT-RAP	ANALYST:	LK
DATE:	10/09/92	TIME:	7:48 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)**	MEASURED CONCENTRATION** (mg/l)
pH (units)	6.5 - 8.5	5.7
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	21013EA	SAMPLER:	LK
LOCATION:	EFFLUENT-RAP	ANALYST:	LK
DATE:	10/13/92	TIME:	7:45 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)**	MEASURED CONCENTRATION*** (mg/l)
pH (units)	6.5 - 8.5	7.7
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	210131A	SAMPLER:	LK
LOCATION:	INFLUENT-RAP	ANALYST:	LK
DATE:	10/13/92	TIME:	7:50 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)**	MEASURED CONCENTRATION** (mg/l)
pH (units)	6.5 - 8.5	5.7
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	Z1016EA	SAMPLER:	LK
LOCATION:	EFFLUENT-RAP	ANALYST:	LK
DATE:	10/16/92	TIME:	7:50 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/L)	MEASURED CONCENTRATION** (mg/L)
pH (units)	6.5 - 8.5	7.8
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	SLIGHTLY >0
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	10.9
AMMONIA	10	NOT PERFORMED

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE NO:	210161A	SAMPLED BY:	LK
LOCATION:	INFLUENT - RAP	ANALYST:	LK
DATE:	10/16/92	TIME:	7:55 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)**	MEASURED CONCENTRATION*** (mg/l)
pH (units)	6.5 - 8.5	5.7
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	SLIGHTLY >0
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	9.2
AMMONIA	10	NOT PERFORMED

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	21019EA	SAMPLER:	BB
LOCATION:	EFFLUENT-RAP	ANALYST:	LK
DATE:	10/19/92	TIME:	7:45 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)**	MEASURED CONCENTRATION** (mg/l)
pH (units)	6.5 - 8.5	7.8
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATION.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

WATER ID: 210191A	SAMPLER: LK
LOCATION: INFLUENT-RAP	ANALYST: LK
DATE: 10/13/92	TIME: 7:43 AM

CHEMICAL CONSTITUENT	ATTORNEY EFFLUENT CONCENTRATION* (mg/l)	MEASURED CONCENTRATION** (mg/l)
pH (units)	6.5 - 8.5	5.7
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE NO: 21021EA	SAMPLE ID: LK
LOCATION: EFFLUENT RAP	ANALYST: LK
CATCH: 10/21/92	TIME: 8:00 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION (mg/L)	MEASURED CONCENTRATION** (mg/L)
pH (units)	6.5 - 8.5	7.0
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	SLIGHTLY >0
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	16.8
AMMONIA	10	NOT PERFORMED

* REGULATORY EFFLUENT DISCHARGE STANDARDS AS SPECIFIED IN THE CONSENT DECREE AND AS MODIFIED BY 11/10/93 LETTER TO THE TOWN.

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	210211A	SAMPLER:	LK
LOCATION:	INFLUENT-RAP	ANALYST:	LK
DATE:	10/21/92	TIME:	8:05 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)**	MEASURED CONCENTRATION*** (mg/l)
pH (units)	6.5 - 8.5	5.7
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	0.1
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	3.6
AMMONIA	10	NOT PERFORMED

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE REF: 210252A	ANALYST: LK
LOCATION: EFFLUENT DAP	ANALYST: LK
DATE: 10/26/92	TIME: 7:42 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION (mg/L)	MEASURED CONCENTRATION (mg/L)
PH (units)	6.5-8.5	7.0
ORP (mV)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	≥5.0	NOT PERFORMED
AMMONIA NITROGEN	10	NOT PERFORMED

REGULATORY EFFLUENT DISCHARGE STANDARDS AS SPECIFIED IN THE CONSENT DECREE AND AS MODIFIED BY 11/10/93 LETTER TO THE TOWN

*** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT PH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

CONSENT NO: 2102918	DATE: 10/22/92	ANALYST: LK
LOCATION: INFLUENT DAP	TIME: 7:45 AM	

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION (mg/l)	MEASURED CONCENTRATION (mg/l)
pH (units)	6.5 - 8.5	7.9
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

REGULATORY EFFLUENT DISCHARGE STANDARDS AS SPECIFIED IN THE CONSENT DECREE AND AS MODIFIED BY 11/10/93 LETTER TO THE TOWN.

ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

HIGHLIGHTED COMPLIANTS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

NAME: WILLIAMSBURG	NAME: LK
LOCATION: EFFLUENT DAP	ANALYST: LK
DATE: 10/26/02	TIME: 10:45 AM

CONSENT CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION (mg/l)	MEASURED CONCENTRATION (mg/l)
pH (units)	6.5-8.5	7.2
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

- REGULATORY EFFLUENT DISCHARGE STANDARDS AS SPECIFIED IN THE CONSENT DECREE AND AS MODIFIED BY 11/10/08 LETTER TO THE TOWN.
- ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.
- HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID: E10261A	SAMPLER: LK
LOCATION: INFLUENT-RAP	ANALYST: LK
DATE: 10/26/92	TIME: 10:47 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)	MEASURED CONCENTRATION** (mg/l)
pH (units)	6.5 - 8.5	5.7
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

NAME: EFFLUENT	SAMPLE: 1K
LOCATION: EFFLUENT DAP	ANALYST: LM
DATE: 10/26/99	TIME: 2:00 PM

ANALYZED	ALLOWABLE EFFLUENT	REQUIREMENT
CONCENTRATION	CONCENTRATION	CONCENTRATION
PH	6.5-8.5	7.0
ORP (mV)	NO REQUIREMENT	NOT DETERMINED
IRON, TOTAL	0.3	NOT DETERMINED
MANGANESE, TOTAL	0.3	0.255
NITROGEN, NITRATE	5.0	5.1
NITROGEN, AMMONIA	1.0	0.3

REGULATORY EFFLUENT DISCHARGE STANDARDS AS SPECIFIED IN THE CONSENT DECREE AND AS MODIFIED BY 11/4/98 LETTER TO THE TOWN

ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT PH AND ORP.
 HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE NO: 111001A	SAMPLE ID: LK
LOCATION: INFLUENT - BAP	ANALYST: LK
DATE: 6/20/00	TIME: 6:25 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION (mg/L)	MEASURED CONCENTRATION (mg/L)
PH (unit)	6.5-8.5	7.7
IRON (mg/L)	NO REQUIREMENT	NOT PERFORMED
IRON TOTAL	0.3	NOT PERFORMED
MANGANESE TOTAL	0.3	0.238
DISSOLVED OXYGEN	≥5.0	2.8
DO NOT MEASURE	0	5.0

REGULATORY EFFLUENT DISCHARGE STANDARDS AS SPECIFIED IN THE CONSENT DECREE AND AS MODIFIED BY 11/10/03 LETTER TO THE TOWN.

ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT PH AND ORP.

HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

WATER NAME: EFFLUENT	WATER SOURCE: LK
WATER TYPE: EFFLUENT	ANALYST: LK
DATE: 10/00/02	TIME: 7:15 AM

ANALYST: LK	WATER NAME: EFFLUENT	WATER SOURCE: LK
CONCENTRANT	CONCENTRATION	MEASURED CONCENTRATION
PH (units)	15-25	7.0
ORP (mV)	NO REQUIREMENT	NOT PERFORMED
IRON TOTAL	0.3	0.02
MANGANESE TOTAL	0.3	0.24
DISSOLVED OXYGEN	≥5.0	NOT PERFORMED
AMMONIA	10	0.0

REGULATORY EFFLUENT DISCHARGE STANDARDS AS SPECIFIED IN THE CONSENT DECREE AND AS MODIFIED BY 44 MASS LETTER TO THE TOWN.

ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

HIGHLIGHTED COMPLIANCES IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID: 1030118	SAMPLER: LK
LOCATION: INFLUENT - BAF	ANALYST: LK
DATE: 10/00/02	TIME: 7:47 AM

PARAMETER CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION (mg/L)	MEASURED CONCENTRATION (mg/L)
PH (NAT)	8.5-8.5	8.0
ORP (mV)	NO REQUIREMENT	NOT PERFORMED
IRON TOTAL	0.3	0.03
MANGANESE TOTAL	0.3	0.24
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA NITROGEN	10	3.3

REGULATORY EFFLUENT DISCHARGE STANDARDS AS SPECIFIED IN THE CONSENT DECREE AND AS MODIFIED BY 444088 LETTER TO THE TOWN.

ALL CONCENTRATIONS EXPRESSED IN MG/L, EXCEPT PH AND ORP.

HIGHLIGHTED COMPLIANCE IN PLACE OF REQUIRED EFFLUENT CONCENTRATIONS

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID: D1102EA	SAMPLER: LK
LOCATION: EFFLUENT RAP	ANALYST: LK
DATE: 1/02/92	TIME: 7:55 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION (MGL)	MEASURED CONCENTRATION (MGL)
pH (units)	6.5-8.5	7.2
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	≥5.0	NOT PERFORMED
AMMONIA NITROGEN	0.5	NOT PERFORMED

* REGULATORY EFFLUENT DISCHARGE STANDARDS AS SPECIFIED IN THE CONSENT DECREE AND AS MODIFIED BY 11/10/92 LETTER TO THE TOWN

*** ALL CONCENTRATIONS EXPRESSED IN MGL EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	211021A	SAMPLER:	LK
LOCATION:	INFLUENT - RAP	ANALYST:	LK
DATE:	1/02/92	TIME:	8:00 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION (mg/l)	MEASURED CONCENTRATION (mg/l)
PH (units)	6.5-8.5	7.9
ORP (mV)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

REGULATORY EFFLUENT DISCHARGE STANDARDS AS SPECIFIED IN THE CONSENT DECREE AND AS MODIFIED BY 11/10/93 LETTER TO THE TOWN.

ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT PH AND ORP.

HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE#	21104EA	SAMPLED	LK
LOCATION	EFFLUENT-RAP	ANALYST	LK
DATE	11/04/92	TIME	7:45 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)**	MEASURED CONCENTRATION** (mg/l)
pH (units)	6.5 - 8.5	7.7
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	211041A	SAMPLER:	LK
LOCATION:	INFLUENT-RAP	ANALYST:	LK
DATE:	11/04/92	TIME:	7:40 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)**	MEASURED CONCENTRATION** (mg/l)
pH (units)	6.5 - 8.5	5.7
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	21106EA	SAMPLER:	LK
LOCATION:	EFFLUENT-RAP	ANALYST:	LK
DATE:	11/06/92	TIME:	7:50 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)	MEASURED CONCENTRATION** (mg/l)
pH (units)	6.5 - 8.5	7.7
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	0.04
MANGANESE, TOTAL	0.3	0.225
DISSOLVED OXYGEN	>=5.0	9.0
AMMONIA	10	5.18

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	211061A	SAMPLE:	LK
LOCATION:	INFLUENT-RAP	ANALYST:	LK
DATE:	11/06/92	TIME:	7:55 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)	MEASURED CONCENTRATION** (mg/l)
pH (units)	6.5 - 8.5	5.6
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	0.03
MANGANESE, TOTAL	0.3	0.222
DISSOLVED OXYGEN	>=5.0	3.3
AMMONIA	10	5.02

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	21109EA	SAMPLE:	LK
LOCATION:	EFFLUENT-RAP	ANALYST:	LK
DATE:	11/09/92	TIME:	7:50 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION ^W (mg/l)	MEASURED CONCENTRATION ^W (mg/l)
pH (units)	6.5 - 8.5	7.5
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

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

ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE NO:	211091A	ANALYST:	LK
LOCATION:	INFLUENT-RAP	ANALYST:	LK
DATE:	11/09/92	TIME:	7:52 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/L)	MEASURED CONCENTRATION** (mg/L)
pH (units)	6.5 - 8.5	5.5
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	21111EA	SAMPLER:	LK
LOCATION:	EFFLUENT-RAP	ANALYST:	LK
DATE:	11/11/92	TIME:	7:48 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)	MEASURED CONCENTRATION** (mg/l)
pH (units)	6.5 - 8.5	7.7
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	211111A	SAMPLER:	LK
LOCATION:	INFLUENT-RAP	ANALYST:	LK
DATE:	11/11/92	TIME:	7:50 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)	MEASURED CONCENTRATION** (mg/l)
pH (units)	6.5 - 8.5	5.5
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	21113EA	SAMPLE:	LK
LOCATION:	EFFLUENT-RAP	ANALYST:	LK
DATE:	11/13/92	TIME:	7:50 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)	MEASURED CONCENTRATION** (mg/l)
pH (units)	8.5 - 8.5	7.7
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	0.04
MANGANESE, TOTAL	0.3	0.238
DISSOLVED OXYGEN	>=5.0	10.1
AMMONIA	10	5.15

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

	211191A	SAMPLE:	LK
LOCATION:	INFLUENT-RAP	ANALYST:	LK
DATE:	11/13/92	TIME:	8:00 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)	MEASURED CONCENTRATION** (mg/l)
pH (units)	6.5 - 8.5	5.6
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	0.04
MANGANESE, TOTAL	0.3	0.235
DISSOLVED OXYGEN	>=5.0	4.2
AMMONIA	10	5.18

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	21116EA	SAMPLE:	LK
LOCATION:	EFFLUENT-RAP	ANALYST:	LK
DATE:	11/16/92	TIME:	7:42 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/L)	MEASURED CONCENTRATION** (mg/L)
pH (units)	6.5 - 8.5	7.6
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	211161A	SAMPLE:	LK
LOCATION:	INFLUENT-RAP	ANALYST:	LK
DATE:	11/16/92	TIME:	7:50 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION** (mg/l)	MEASURED CONCENTRATION** (mg/l)
pH (units)	6.5 - 8.5	5.6
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	211182A	SAMPLING:	LK
LOCATION:	EFFLUENT-RAP	ANALYST:	LK
DATE:	11/18/92	TIME:	7:45 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/L)	MEASURED CONCENTRATION** (mg/L)
pH (units)	6.5 - 8.5	7.7
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE#:	211181A	SAMPLE#:	LK
LOCATION:	INFLUENT-RAP	ANALYST:	LK
DATE:	11/18/92	TIME:	7:40 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)**	MEASURED CONCENTRATION*** (mg/l)
pH (units)	6.5 - 8.5	5.6
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

* REGULATORY EFFLUENT DISCHARGE STANDARDS AS SPECIFIED IN THE CONSENT DECREE AND AS MODIFIED BY 11/10/93 LETTER TO THE TOWN.

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE #:	21120EA	SAMPLE:	LK
LOCATION:	EFFLUENT-DAP	ANALYST:	LK
DATE:	11/20/92	TIME:	7:50 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)	MEASURED CONCENTRATION** (mg/l)
pH (units)	6.5 - 8.5	7.2
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	0.01
MANGANESE, TOTAL	0.3	0.231
DISSOLVED OXYGEN	>=5.0	9.9
AMMONIA	10	5.33

* REGULATORY EFFLUENT DISCHARGE STANDARDS AS SPECIFIED IN THE CONSENT DECREE AND AS MODIFIED BY 11/10/93 LETTER TO THE TOWN.

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	211201A	SAMPLER:	LK
LOCATION:	INFLUENT-RAP	ANALYST:	LK
DATE:	11/20/92	TIME:	8:00 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)	MEASURED CONCENTRATION** (mg/l)
pH (units)	6.5 - 8.5	5.1
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	0.04
MANGANESE, TOTAL	0.3	0.232
DISSOLVED OXYGEN	>=5.0	9.2
AMMONIA	10	5.33

* REGULATORY EFFLUENT DISCHARGE STANDARDS AS SPECIFIED IN THE CONSENT DECREE AND AS MODIFIED BY 11/10/83 LETTER TO THE TOWN.

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	21129EA	SAMPLE:	LK
LOCATION:	EFFLUENT-RAP	ANALYST:	LK
DATE:	11/23/92	TIME:	11:20 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)**	MEASURED CONCENTRATION** (mg/l)
pH (units)	6.5 - 8.5	7.6
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	211291A	SAMPLER:	LK
LOCATION:	INFLUENT-RAP	ANALYST:	LK
DATE:	11/29/92	TIME:	11:22 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)**	MEASURED CONCENTRATION** (mg/l)
pH (units)	6.5 - 8.5	5.6
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

WELL/BORE:	W11302A	ANALYST:	LK E PM
LOCATION:	EFFLUENT-DAP	ANALYST:	LK E PM
DATE:	11/10/02	TIME:	7:47 AM

MEASURED	ATTORNEY EFFLUENT	MEASURED
CONSTITUENT	CONCENTRATION	CONCENTRATION
	(mg/L)	(mg/L)
pH (units)	6.5 - 8.5	7.0
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	≥5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

- * REGULATORY EFFLUENT DISCHARGE STANDARDS AS SPECIFIED IN THE CONSENT DECREE AND AS MODIFIED BY 11/10/02 LETTER TO THE TOWN.
- ** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.
- *** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

WARRANT NO:	211901A	ANALYST:	LK & PM
LOCATION:	INFLUENT - RAP	ANALYST:	LK & PM
DATE:	11/30/92	TIME:	7:50 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/L)	MEASURED CONCENTRATION** (mg/L)
pH (units)	6.5 - 8.5	5.7
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

* REGULATORY EFFLUENT DISCHARGE STANDARDS AS SPECIFIED IN THE CONSENT DECREE AND AS MODIFIED BY 11/19/93 LETTER TO THE TOWN.

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	21202EA	SAMPLER:	PM & LK
LOCATION:	EFFLUENT-RAP	ANALYST:	PM & LK
DATE:	12/02/92	TIME:	7:50 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)**	MEASURED CONCENTRATION** (mg/l)
pH (units)	6.5 - 8.5	7.7
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	212021A	SAMPLER:	PM & LK
LOCATION:	INFLUENT-RAP	ANALYST:	PM & LK
DATE:	12/02/92	TIME:	8:00 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)**	MEASURED CONCENTRATION** (mg/l)
pH (units)	6.5 - 8.5	5.9
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY

DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	21204EA	SAMPLER:	PM/LK
LOCATION:	EFFLUENT-RAP	ANALYST:	PM/LK
DATE:	12/04/92	TIME:	7:50 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)**	MEASURED CONCENTRATION*** (mg/l)
pH (units)	6.5 - 8.5	7.7
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	0.00
MANGANESE, TOTAL	0.3	0.222
DISSOLVED OXYGEN	>=5.0	8.5
AMMONIA	10	5.05

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY

DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	212041A	SAMPLER:	PM/LK
LOCATION:	INFLUENT-RAP	ANALYST:	PM/LK
DATE:	12/04/92	TIME:	8:00 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)**	MEASURED CONCENTRATION*** (mg/l)
pH (units)	6.5 - 8.5	5.6
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	0.02
MANGANESE, TOTAL	0.3	0.219
DISSOLVED OXYGEN	>=5.0	2.9
AMMONIA	10	5.15

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	21214EP	SAMPLER:	PM/LK
LOCATION:	EFFLUENT-RAP	ANALYST:	LK
DATE:	12/14/92	TIME:	2:15 PM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)**	MEASURED CONCENTRATION** (mg/l)
pH (units)	6.5 - 8.5	7.6
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	21214IP	SAMPLER:	PM/LK
LOCATION:	INFLUENT-RAP	ANALYST:	LK
DATE:	12/14/92	TIME:	2:20 PM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)**	MEASURED CONCENTRATION** (mg/l)
pH (units)	6.5 - 8.5	5.7
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	≥5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	21216EA	SAMPLE:	PM
LOCATION:	EFFLUENT-RAP	ANALYST:	PM/LK
DATE:	12/16/92	TIME:	7:50 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)**	MEASURED CONCENTRATION** (mg/l)
pH (units)	6.5 - 8.5	7.8
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	212161A	SAMPLE:	PM
LOCATION:	INFLUENT-RAP	ANALYST:	PM / LK
DATE:	12/16/92	TIME:	7:55 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)**	MEASURED CONCENTRATION** (mg/l)
pH (units)	6.5 - 8.5	5.6
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY

DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	21218EA	SAMPLER:	PM/LK
LOCATION:	EFFLUENT-RAP	ANALYST:	PM/LK
DATE:	12/18/92	TIME:	8:00 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)**	MEASURED CONCENTRATION*** (mg/l)
pH (units)	6.5 - 8.5	7.5
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	0.00
MANGANESE, TOTAL	0.3	0.225
DISSOLVED OXYGEN	>=5.0	7.5
AMMONIA	10	6.80

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY

DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	212181A	SAMPLER:	PM/LK
LOCATION:	INFLUENT-RAP	ANALYST:	PM/LK
DATE:	12/18/92	TIME:	8:07 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)**	MEASURED CONCENTRATION*** (mg/l)
pH (units)	6.5 - 8.5	5.5
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	0.03
MANGANESE, TOTAL	0.3	0.253
DISSOLVED OXYGEN	>=5.0	3.0
AMMONIA	10	6.68

- * REGULATORY EFFLUENT DISCHARGE STANDARDS AS SPECIFIED IN THE CONSENT DECREE AND AS MODIFIED BY 11/10/88 LETTER TO THE TOWN.
** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.
*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY

DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	21221EA	SAMPLER:	PM
LOCATION:	EFFLUENT-RAP	ANALYST:	PM/LK
DATE:	12/21/92	TIME:	7:50 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)**	MEASURED CONCENTRATION*** (mg/l)
pH (units)	6.5 - 8.5	7.8
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY

DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	21221IA	SAMPLER:	PM
LOCATION:	INFLUENT- RAP	ANALYST:	PM/LK
DATE:	12/21/92	TIME:	7:55 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)**	MEASURED CONCENTRATION*** (mg/l)
pH (units)	6.5 - 8.5	5.7
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	21223EA	SAMPLER:	PM
LOCATION:	EFFLUENT-RAP	ANALYST:	PM/LK
DATE:	12/23/92	TIME:	7:55 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)**	MEASURED CONCENTRATION*** (mg/l)
pH (units)	6.5 - 8.5	7.7
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	0.01
MANGANESE, TOTAL	0.3	0.238
DISSOLVED OXYGEN	>=5.0	6.6
AMMONIA	10	6.98

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	21229IA	SAMPLER:	LK
LOCATION:	INFLUENT-RAP	ANALYST:	PM/LK
DATE:	12/29/92	TIME:	7:55 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)**	MEASURED CONCENTRATION*** (mg/l)
pH (units)	6.5 - 8.5	5.6
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	0.04
MANGANESE, TOTAL	0.3	0.240
DISSOLVED OXYGEN	>=5.0	2.5
AMMONIA	10	6.85

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	21228EA	SAMPLER:	PM
LOCATION:	EFFLUENT/RAP	ANALYST:	PM-LK
DATE:	12/28/92	TIME:	8:50 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)**	MEASURED CONCENTRATION*** (mg/l)
pH (units)	6.5 - 8.5	7.6
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	212281A	SAMPLER:	PM
LOCATION:	INFLUENT-RAP	ANALYST:	PM/LK
DATE:	12/28/92	TIME:	8:55 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)**	MEASURED CONCENTRATION*** (mg/l)
pH (units)	6.5 - 8.5	5.7
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	21230EA	SAMPLER:	PM
LOCATION:	EFFLUENT- RAP	ANALYST:	PM/LK
DATE:	12/30/92	TIME:	7:55 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)**	MEASURED CONCENTRATION*** (mg/l)
pH (units)	6.5 - 8.5	7.4
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	0.00
MANGANESE, TOTAL	0.3	0.248
DISSOLVED OXYGEN	>=5.0	8.1
AMMONIA	10	7.32

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	212301A	SAMPLER:	LK
LOCATION:	INFLUENT-RAP	ANALYST:	PM/LK
DATE:	12/30/92	TIME:	7:55 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)**	MEASURED CONCENTRATION*** (mg/l)
pH (units)	6.5 - 8.5	5.5
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	0.02
MANGANESE, TOTAL	0.3	0.240
DISSOLVED OXYGEN	>=5.0	2.3
AMMONIA	10	7.35

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY

DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	21001W1	SAMPLER:	BB & IC
LOCATION:	WELL 1	ANALYST:	LK
DATE:	10/01/92	TIME:	9:45-10:15 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)**	MEASURED CONCENTRATION*** (mg/l)
pH (units)	6.5 - 8.5	6.0
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY

DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE NO	21001W2	SAMPLER	BB & IC
LOCATION	WELL 2	ANALYST	LK
DATE	10/01/92	TIME	9:45-10:15 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)**	MEASURED CONCENTRATION*** (mg/l)
pH (units)	6.5 - 8.5	5.8
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	21001W3	SAMPLER:	BB & IC
LOCATION:	WELL 3	ANALYST:	LK
DATE:	10/01/92	TIME:	9:45-10:15 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)**	MEASURED CONCENTRATION*** (mg/l)
pH (units)	6.5 - 8.5	5.2
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	≥5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY

DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	21001W4	SAMPLER:	BB & IC
LOCATION:	WELL 4	ANALYST:	LK
DATE:	10/01/92	TIME:	9:45-10:15 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)	MEASURED CONCENTRATION** (mg/l)
pH (units)	6.5 - 8.5	5.1
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE NO: 21001W5	SAMPLER: BB & IC
LOCATION: WELL 5	ANALYST: LK
DATE: 10/01/92	TIME: 9:45-10:15 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)**	MEASURED CONCENTRATION*** (mg/l)
pH (units)	6.5 - 8.5	5.1
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	21008W1	SAMPLER:	BB & TC
LOCATION:	WELL 1	ANALYST:	LK
DATE:	10/08/92	TIME:	10:00-10:30 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)	MEASURED CONCENTRATION** (mg/l)
pH (units)	6.5 - 8.5	6.2
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	0.2
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	21008W2	SAMPLER:	BB & IC
LOCATION:	WELL 2	ANALYST:	LK
DATE:	10/08/92	TIME:	10:00-10:30 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)*	MEASURED CONCENTRATION** (mg/l)
pH (units)	6.5 - 8.5	5.7
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	0.2
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE NO:	21008W3	SAMPLER:	BB & IC
LOCATION:	WELL 3	ANALYST:	LK
DATE:	10/08/92	TIME:	10:00-10:30 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)	MEASURED CONCENTRATION** (mg/l)
pH (units)	6.5 - 8.5	4.9
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	<0.1
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE NO:	21008W4	SAMPLE LOC:	BB & IC
LOCATION:	WELL 4	ANALYST:	LK
DATE:	10/08/92	TIME:	10:00-10:30 AM

CHEMICAL CONSTITUENT	ATTAINABLE EFFLUENT CONCENTRATION* (mg/L)	MEASURED CONCENTRATION** (mg/L)
pH (units)	6.5 - 8.5	5.1
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	<0.1
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	21008W5	SAMPLER:	BB & IC
LOCATION:	WELL 5	ANALYST:	LK
DATE:	10/08/92	TIME:	10:00-10:30 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/L)	MEASURED CONCENTRATION** (mg/L)
pH (units)	6.5 - 8.5	5.0
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	<0.1
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE NO.: 21U16N1	DATE: BB
LOCATION: WELL 1	ANALYST: LK
DATE: 10/16/92	TIME: 9:00-9:30 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION** (mg/l)*	MEASURED CONCENTRATION** (mg/l)
pH (units)	6.5 - 8.5	6.2
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID: L21016W2	SAMPLE NO: BB
LOCATION: WELL 2	ANALYST: LK
DATE: 10/16/92	TIME: 9:00-9:30 AM

CHEMICAL CONSTITUENT	ALLOWED EFFLUENT CONCENTRATION* (mg/L)**	MEASURED CONCENTRATION*** (mg/L)
pH (units)	6.5 - 8.5	5.7
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

ANALYST: J. L. BURNS	DATE: 10/16/92	ANALYST: MLK	TIME: 9:00-9:30 AM
LOCATION: WELL 3			

PHYSICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION (mg/L)	MEASURED CONCENTRATION** (mg/L)
pH (units)	6.5-8.5	5.1
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

* REGULATORY EFFLUENT DISCHARGE STANDARDS AS SPECIFIED IN THE CONSENT DECREE AND AS MODIFIED BY 11/10/93 LETTER TO THE TOWN.

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE NO:	2101bW4	SAMPLE ID:	BB
LOCATION:	WELL 4	ANALYST:	LK
DATE:	10/16/92	TIME:	9:00-9:30 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION** (mg/l)	MEASURED CONCENTRATION** (mg/l)
pH (units)	6.5 - 8.5	5.2
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	21016W5	SAMPLER:	BB
LOCATION:	WELL 5	ANALYST:	LK
DATE:	10/16/92	TIME:	9:00-9:30 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION^{**} (mg/l)	MEASURED CONCENTRATION^{***} (mg/l)
pH (units)	6.5 - 8.5	5.2
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

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

^{***} ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

^{****} HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	21022W1	ANALYST:	IC
LOCATION:	WELL 1	ANALYST:	LK
DATE:	10/22/92	TIME:	9:00-9:30 AM

PHYSICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION (mg/L)	MEASURED CONCENTRATION (mg/L)
pH (units)	6.5-8.5	6.1
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	0.1
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

REGULATORY EFFLUENT DISCHARGE STANDARDS AS SPECIFIED IN THE CONSENT DECREE AND AS MODIFIED BY 11/10/98 LETTER TO THE TOWN.

ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID: L1022N2	SAMPLE NO.: 10
LOCATION: WELL 2	ANALYST: LK
DATE: 10/22/92	TIME: 9:00-9:30 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION** (mg/l)	MEASURED CONCENTRATION*** (mg/l)
pH (units)	6.5-8.5	6.8
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	0.1
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

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

*** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

**** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID: 21022MS	SAMPLER: TC
LOCATION: WELL 3	ANALYST: LK
DATE: 10/22/92	TIME: 9:00-9:30 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION ^W (mg/l)	MEASURED CONCENTRATION ^{XX} (mg/l)
pH (units)	6.5-8.5	5.0
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	10.1
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

^W REGULATORY EFFLUENT DISCHARGE STANDARDS AS SPECIFIED IN THE CONSENT DECREE AND AS MODIFIED BY 11/10/93 LETTER TO THE TOWN.

^{XX} ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

^{XXX} HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	21022N4	CONSENT:	IC
LOCATION:	WELL 4	ANALYST:	LK
DATE:	10/22/92	TIME:	9:00-9:30 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION** (mg/l)	MEASURED CONCENTRATION*** (mg/l)
pH (units)	6.5 - 8.5	5.2
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	SLIGHTLY > 0
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

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

ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	21022WS	SAMPLE NO:	10
LOCATION:	WELL 5	ANALYST:	LK
DATE:	10/22/92	TIME:	9:00-9:00 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)	MEASURED CONCENTRATION*** (mg/l)
pH (units)	6.5 - 8.5	5.2
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	SLIGHTLY >0
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID: 1102941	SAMPLER: BE & TC
LOCATION: WELL 1	ANALYST: LK
DATE: 10/23/92	TIME: 9:00-10:00 AM

ANALYST	ALLOWABLE EFFLUENT CONCENTRATION	MEASURED
CONSTITUENT	CONCENTRATION (mg/L)	CONCENTRATION (mg/L)
pH (units)	6.5-8.5	6.0
ORP (mV)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA NITRA	10	NOT PERFORMED

REGULATORY EFFLUENT DISCHARGE STANDARDS AS SPECIFIED IN THE CONSENT DECREE AND AS MODIFIED BY 11/10/98 LETTER TO THE TOWN.

ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

NAME: EFFLUENT	DATE: 08/10/00
LOCATION: WELL 3	ANALYST: LK
DATE: 10/22/92	TIME: 9:30-10:00 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION** (mg/l)	MEASURED CONCENTRATION** (mg/l)
pH (units)	6.5 - 8.5	7.7
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

REGULATORY EFFLUENT DISCHARGE STANDARDS AS SPECIFIED IN THE CONSENT DECREE AND AS MODIFIED BY 11/10/83 LETTER TO THE TOWN.

*** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

WELL NUMBER: 11111111111111111111	WELL NAME: 11111111111111111111
ANALYST: 11111111111111111111	ANALYST: 11111111111111111111
DATE: 11/10/2022	TIME: 9:00-10:00 AM

PARAMETER CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION (mg/L)	MEASURED CONCENTRATION (mg/L)
pH (unit)	6.5-8.5	7.1
ORP (mV)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	≥5.0	NOT PERFORMED
AMMONIA NITROGEN	10	NOT PERFORMED

REGULATORY EFFLUENT DISCHARGE STANDARDS AS SPECIFIED IN THE CONSENT DECREE AND AS MODIFIED BY 11/10/2022 LETTER TO THE TOWN.

XXX ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

XXXX HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

WELL NUMBER: BT 0110100	ANALYST: BLS
ANALYST: BLS	ANALYST: BLS
DATE: 10/22/02	TIME: 9:00-10:00 AM

CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION (mg/l)	MEASURED CONCENTRATION (mg/l)
PH (unit)	6.5-8.5	7.1
ORP (mV)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

REGULATORY EFFLUENT DISCHARGE STANDARDS AS SPECIFIED IN THE CONSENT DECREE AND AS MODIFIED BY 44MARR LETTER TO THE TOWN.

ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT PH AND ORP.

HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

ANALYST: JEFFREY J. JONES	SAMPLE NO: 02-010
ANALYST: JEFFREY J. JONES	ANALYST: J. J.
DATE: 10/23/02	TIME: 01:00-10:00 AM

ANALYST: JEFFREY J. JONES	ANALYST: J. J.	ANALYST: J. J.
CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION (mg/L)	MEASURED CONCENTRATION (mg/L)
pH (units)	6.5-8.5	7.0
ORP (mV)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	2.0 mg/L	NOT PERFORMED
AMMONIA	1.0	NOT PERFORMED

REGULATORY EFFLUENT DISCHARGE STANDARDS AS SPECIFIED IN THE CONSENT DECREE AND AS MODIFIED BY 144000 LETTER TO THE TOWN.

ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

HIGHLIGHTED CONCENTRATIONS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	Z1105W1	SAMPLES:	BB & IC
LOCATION:	WELL 1	ANALYST:	LK
DATE:	11/05/92	TIME:	9:15-10:00 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)	MEASURED CONCENTRATION** (mg/l)
pH (units)	6.5 - 8.5	6.0
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	0.060
MANGANESE, TOTAL	0.3	0.528
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	21.4

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE NO:	21105W2	SAMPLE:	BB & IC
LOCATION:	WELL 2	ANALYST:	LK
DATE:	11/05/92	TIME:	9:15-10:00 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION (mg/l)*	MEASURED CONCENTRATION** (mg/l)
pH (units)	6.5 - 8.5	5.7
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	0.62
MANGANESE, TOTAL	0.3	0.112
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	0.2

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE NO:	21105W3	ANALYST:	BB & IC
LOCATION:	WELL 3	ANALYST:	LK
DATE:	11/05/92	TIME:	9:15-10:00 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)**	MEASURED CONCENTRATION** (mg/l)
pH (units)	6.5 - 8.5	5.1
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	0.03
MANGANESE, TOTAL	0.3	0.240
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	0.275

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE NO:	21105W4	WELL NO:	BB & IC
LOCATION:	WELL 4	ANALYST:	LK
DATE:	11/05/92	TIME:	9:15-10:00 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)	MEASURED CONCENTRATION** (mg/l)
pH (units)	6.5 - 8.5	5.3
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	0.00
MANGANESE, TOTAL	0.3	0.018
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	0.00

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	21105W5	SAMPLE:	BB & IC
LOCATION:	WELL 5	ANALYST:	LK
DATE:	11/05/92	TIME:	9:15-10:00 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)	MEASURED CONCENTRATION** (mg/l)
pH (units)	6.5 - 8.5	5.2
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	0.04
MANGANESE, TOTAL	0.3	0.038
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	0.13

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	21112W1	SAMPLING:	BB & IC
LOCATION:	WELL 1	ANALYST:	LK
DATE:	11/12/92	TIME:	9:40-10:00 1M

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)	MEASURED CONCENTRATION** (mg/l)
pH (units)	6.5 - 8.5	5.9
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	21112W3	SAMPLER:	BB & IC
LOCATION:	WELL 3	ANALYST:	LK
DATE:	11/12/92	TIME:	9:40-10:00 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)	MEASURED CONCENTRATION** (mg/l)
pH (units)	6.5 - 8.5	4.9
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	21112W4	SAMPLE:	BB & IC
LOCATION:	WELL 4	ANALYST:	LK
DATE:	11/12/92	TIME:	9:40-10:00 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)**	MEASURED CONCENTRATION** (mg/l)
pH (units)	6.5 - 8.5	4.9
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	21112W5	SAMPLER:	BB & IC
LOCATION:	WELL 5	ANALYST:	LK
DATE:	11/12/92	TIME:	9:40-10:00 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)**	MEASURED CONCENTRATION** (mg/l)
pH (units)	6.5 - 8.5	5.0
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	21119W1	SAMPLER:	IC
LOCATION:	WELL 1	ANALYST:	LK
DATE:	11/19/92	TIME:	8:15-8:45 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)	MEASURED CONCENTRATION** (mg/l)
pH (units)	6.5 - 8.5	6.2
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	0.06
MANGANESE, TOTAL	0.3	0.536
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	21.50

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	21119W3	SAMPLE:	IC
LOCATION:	WELL 3	ANALYST:	LK
DATE:	11/19/92	TIME:	8:15-8:45 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)	MEASURED CONCENTRATION** (mg/l)
pH (units)	6.5 - 8.5	5.1
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	0.05
MANGANESE, TOTAL	0.3	0.246
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	0.33

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	21119M4	SAMPLER:	TC
LOCATION:	WELL 4	ANALYST:	LK
DATE:	11/19/92	TIME:	8:15-8:45 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)**	MEASURED CONCENTRATION** (mg/l)
pH (units)	6.5 - 8.5	5.0
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	0.04
MANGANESE, TOTAL	0.3	0.028
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	0.03

* REGULATORY EFFLUENT DISCHARGE STANDARDS AS SPECIFIED IN THE CONSENT DECREE AND AS MODIFIED BY 11/10/98 LETTER TO THE TOWN.

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	21119H5	ANALYST:	IC
LOCATION:	WELL 5	ANALYST:	LK
DATE:	11/19/92	TIME:	8:15-8:45 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)	MEASURED CONCENTRATION** (mg/l)
pH (units)	6.5 - 8.5	5.1
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	0.05
MANGANESE, TOTAL	0.3	0.106
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	0.14

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	21204W1	SAMPLER:	PM & BB
LOCATION:	WELL 1	ANALYST:	LK
DATE:	12/04/92	TIME:	9:20-9:35 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)**	MEASURED CONCENTRATION** (mg/l)
pH (units)	6.5 - 8.5	6.2
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	0.09
MANGANESE, TOTAL	0.3	0.531
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	21.00

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	21204W3	SAMPLER:	PM & BB
LOCATION:	WELL 3	ANALYST:	LK
DATE:	12/04/92	TIME:	9:20-9:35 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)**	MEASURED CONCENTRATION** (mg/l)
pH (units)	6.5 - 8.5	5.1
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	0.05
MANGANESE, TOTAL	0.3	0.248
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	0.32

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	21204W4	SAMPLER:	PM & BB
LOCATION:	WELL 4	ANALYST:	LK
DATE:	12/04/92	TIME:	9:20-9:35 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)**	MEASURED CONCENTRATION** (mg/l)
pH (units)	6.5 - 8.5	5.2
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	0.11
MANGANESE, TOTAL	0.3	0.031
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	0.03

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	21204W5	SAMPLER:	PM & BB
LOCATION:	WELL 5	ANALYST:	LK
DATE:	12/04/92	TIME:	9:20-9:35 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)*	MEASURED CONCENTRATION** (mg/l)
pH (units)	6.5 - 8.5	5.4
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	0.08
MANGANESE, TOTAL	0.3	0.106
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	0.14

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY

DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	21217W1	SAMPLER:	I.C./B.B.
LOCATION:	WELL 1	ANALYST:	P.M.-L.K.
DATE:	12/17/92	TIME:	9:00-9:15 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)**	MEASURED CONCENTRATION*** (mg/l)
pH (units)	6.5 - 8.5	5.9
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

- * REGULATORY EFFLUENT DISCHARGE STANDARDS AS SPECIFIED IN THE CONSENT DECREE AND AS MODIFIED BY 11/10/88 LETTER TO THE TOWN.
- ** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.
- *** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY

DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	21217W2	SAMPLER:	I.C. / B.B.
LOCATION:	WELL 2	ANALYST:	P.M. / L.K.
DATE:	12/17/92	TIME:	9:00-9:15 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)**	MEASURED CONCENTRATION*** (mg/l)
pH (units)	6.5 - 8.5	5.7
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

- * REGULATORY EFFLUENT DISCHARGE STANDARDS AS SPECIFIED IN THE CONSENT DECREE AND AS MODIFIED BY 11/10/88 LETTER TO THE TOWN.
** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.
*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY

DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	21217W3	SAMPLER:	T.C./ B.B.
LOCATION:	WELL 3	ANALYST:	P.M.-L.K.
DATE:	12/17/92	TIME:	9:00/9:15 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)**	MEASURED CONCENTRATION*** (mg/l)
pH (units)	6.5 - 8.5	4.9
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY

DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	21217W4	SAMPLER:	I.C. - B.B.
LOCATION:	WELL 4	ANALYST:	P.M. - L.K.
DATE:	12/17/92	TIME:	9:00/ 9:15 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)**	MEASURED CONCENTRATION*** (mg/l)
pH (units)	6.5 - 8.5	5.0
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

- * REGULATORY EFFLUENT DISCHARGE STANDARDS AS SPECIFIED IN THE CONSENT DECREE AND AS MODIFIED BY 11/10/88 LETTER TO THE TOWN.
- ** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.
- *** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY

DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	21217W5	SAMPLER:	I.C. - B.B.
LOCATION:	WELL 5	ANALYST:	P.M. - L.K.
DATE:	12/17/92	TIME:	9:00 - 9:15 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)**	MEASURED CONCENTRATION*** (mg/l)
pH (units)	6.5 - 8.5	4.9
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	21223W1	SAMPLER:	TC/BB
LOCATION:	WELL 1	ANALYST:	PM/LK
DATE:	12/23/92	TIME:	8:20-8:45 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)**	MEASURED CONCENTRATION*** (mg/l)
pH (units)	6.5 - 8.5	5.9
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	0.12
MANGANESE, TOTAL	0.3	0.518
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	24.62

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	21223W2	SAMPLER:	IC/BB
LOCATION:	WELL 2	ANALYST:	PM/LK
DATE:	12/29/92	TIME:	8:20-8:45 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)**	MEASURED CONCENTRATION*** (mg/l)
pH (units)	6.5 - 8.5	5.6
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	0.09
MANGANESE, TOTAL	0.3	0.260
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	15.00

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	21223W3	SAMPLER:	TC/BB
LOCATION:	WELL 9	ANALYST:	PM/LK
DATE:	12/29/92	TIME:	8:20-8:45 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)**	MEASURED CONCENTRATION*** (mg/l)
pH (units)	6.5 - 8.5	4.9
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	0.03
MANGANESE, TOTAL	0.3	0.262
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	0.30

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	21223W4	SAMPLER:	TC/BB
LOCATION:	WELL 4	ANALYST:	PM/LK
DATE:	12/23/92	TIME:	8:20-8:45 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)**	MEASURED CONCENTRATION*** (mg/l)
pH (units)	6.5 - 8.5	5.0
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	0.08
MANGANESE, TOTAL	0.3	0.022
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	0.01

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	21229W5	SAMPLER:	TC/BB
LOCATION:	WELL 5	ANALYST:	PM/LK
DATE:	12/23/92	TIME:	8:20-8:45 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)**	MEASURED CONCENTRATION*** (mg/l)
pH (units)	6.5 - 8.5	4.9
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	0.05
MANGANESE, TOTAL	0.3	0.112
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	0.15

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	21231W1	SAMPLER:	PM/IC
LOCATION:	WELL 1	ANALYST:	PM/LK
DATE:	12/31/92	TIME:	8:50-9:20 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)**	MEASURED CONCENTRATION*** (mg/l)
pH (units)	6.5 - 8.5	5.8
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	21231W2	SAMPLER:	PM/IC
LOCATION:	WELL 2	ANALYST:	PM/LK
DATE:	12/31/92	TIME:	8:50-9:20 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)**	MEASURED CONCENTRATION*** (mg/l)
pH (units)	6.5 - 8.5	5.6
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	21231W3	SAMPLER:	PM/TC
LOCATION:	WELL 3	ANALYST:	PM/LK
DATE:	12/31/92	TIME:	8:50-9:20 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)**	MEASURED CONCENTRATION*** (mg/l)
pH (units)	6.5 - 8.5	4.9
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	≥5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	21231W4	SAMPLER:	PM/IC
LOCATION:	WELL 4	ANALYST:	PM/LK
DATE:	12/31/92	TIME:	8:50-9:20 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)**	MEASURED CONCENTRATION*** (mg/l)
pH (units)	6.5 - 8.5	4.9
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

TOWN OF OYSTER BAY
DEPARTMENT OF PUBLIC WORKS
GROUNDWATER TREATMENT FACILITY

INORGANICS ANALYSIS REPORT

SAMPLE ID:	21291W5	SAMPLER:	PM/TC
LOCATION:	WELL 5	ANALYST:	PM/LK
DATE:	12/31/92	TIME:	8:50-9:20 AM

CHEMICAL CONSTITUENT	ALLOWABLE EFFLUENT CONCENTRATION* (mg/l)**	MEASURED CONCENTRATION*** (mg/l)
pH (units)	6.5 - 8.5	4.9
ORP (mv)	NO REQUIREMENT	NOT PERFORMED
IRON, TOTAL	0.3	NOT PERFORMED
MANGANESE, TOTAL	0.3	NOT PERFORMED
DISSOLVED OXYGEN	>=5.0	NOT PERFORMED
AMMONIA	10	NOT PERFORMED

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

** ALL CONCENTRATIONS EXPRESSED IN MG/L EXCEPT pH AND ORP.

*** HIGHLIGHTED COMPOUNDS IN EXCESS OF REQUIRED EFFLUENT CONCENTRATIONS.

APPENDIX E

SPDES REPORTS

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO. C924054/1

11/04/92

Lockwood, Kessler & Bartlett
1 Aerial Way
Syosset, NY 11791

ATTN: Ray Wegener

SOURCE OF SAMPLE: Oyster Bay Town-Landfill Treatment Plant
COLLECTED BY: Client DATE COL'D: 10/13/92 RECEIVED: 10/13/92

SAMPLE: Wastewater sample, Effluent, Rap 7:45 am

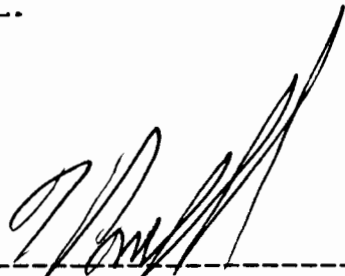
ANALYTICAL PARAMETERS

Vinyl Chloride	ug/L	<1.
Chloroethane	ug/L	<1.
Methylene Chloride	ug/L	<1.
1,1 Dichloroethene	ug/L	ND*
1,1 Dichloroethane	ug/L	<1.
1,2 Dichloroethene	ug/L	<1.
Chloroform	ug/L	<1.
1,2 Dichloroethane	ug/L	<1.
111 Trichloroethane	ug/L	<1.
Carbon Tetrachloride	ug/L	<1.
Bromodichloromethane	ug/L	<1.
1,2 Dichloropropane	ug/L	<1.
Trichloroethylene	ug/L	<1.
Chlorodibromomethane	ug/L	<1.
Bromoform	ug/L	<2.
Tetrachloroethene	ug/L	<1.
Chlorobenzene	ug/L	<1.
1,3 Dichlorobenzene	ug/L	<2.
1,2 Dichlorobenzene	ug/L	<2.
1,4 Dichlorobenzene	ug/L	<2.
Benzene	ug/L	<1.
Toluene	ug/L	<2.
Ethyl Benzene	ug/L	<1.
m Xylene	ug/L	<2.
o+p Xylene	ug/L	<4.

ANALYTICAL PARAMETERS

cc:

REMARKS: *Not detected at MDL of 0.07 ug/L.

DIRECTOR _____


377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO. C924054/2

11/04/92

Lockwood, Kessler & Bartlett
1 Aerial Way
Syosset, NY 11791

ATTN: Ray Wegener

SOURCE OF SAMPLE: Oyster Bay Town-Landfill Treatment Plant
COLLECTED BY: Client DATE COL'D: 10/13/92 RECEIVED: 10/13/92

SAMPLE: Wastewater sample, Influent, Rap 7:50 am

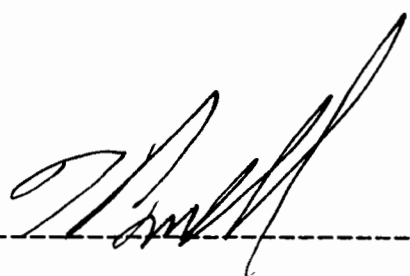
ANALYTICAL PARAMETERS

Vinyl Chloride	ug/L	5.4
Chloroethane	ug/L	2.4
Methylene Chloride	ug/L	5.1
1,1 Dichloroethene	ug/L	<1.
1,1 Dichloroethane	ug/L	12
1,2 Dichloroethene	ug/L	70
Chloroform	ug/L	<1.
1,2 Dichloroethane	ug/L	<1.
111 Trichloroethane	ug/L	2.6
Carbon Tetrachloride	ug/L	<1.
Bromodichloromethane	ug/L	<1.
1,2 Dichloropropane	ug/L	<1.
Trichloroethylene	ug/L	12
Chlorodibromomethane	ug/L	<1.
Bromoform	ug/L	<2.
Tetrachloroethene	ug/L	160
Chlorobenzene	ug/L	<1.
1,3 Dichlorobenzene	ug/L	<2.
1,2 Dichlorobenzene	ug/L	<2.
1,4 Dichlorobenzene	ug/L	<2.
Benzene	ug/L	6.9
Toluene	ug/L	<2.
Ethyl Benzene	ug/L	<1.
m Xylene	ug/L	<2.
o+p Xylene	ug/L	6.3

ANALYTICAL PARAMETERS

CC:

REMARKS:

DIRECTOR 

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770
LAB NO. C924054/1 11/04/92

Lockwood, Kessler & Bartlett
1 Aerial Way
Syosset, NY 11791
ATTN: Ray Wegener

SOURCE OF SAMPLE: Oyster Bay Town-Landfill Treatment Plant
COLLECTED BY: Client DATE COL'D: 10/13/92 RECEIVED: 10/13/92

SAMPLE: Wastewater sample, Effluent, 7:45 am

ANALYTICAL PARAMETERS

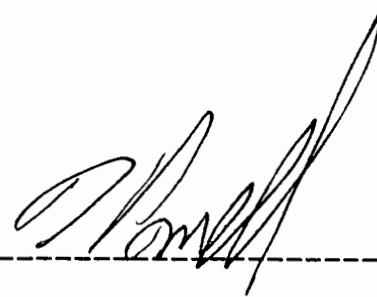
Barium as Ba	mg/L	0.10
Cadmium as Cd	mg/L	<0.001
Chloride as Cl	mg/L	100
Chromium hex as Cr	mg/L	<0.02
Copper as Cu	mg/L	0.02
Cyanide as CN	mg/L	<0.02
Iron as Fe	mg/L	0.14
Lead as Pb	mg/L	<0.005
Magnesium as Mg	mg/L	9.7
Manganese as Mn	mg/L	0.28
Mercury as Hg	mg/L	<0.001
Silver as Ag	mg/L	<0.01
Zinc as Zn	mg/L	0.02
Tot Dissolved Solids	mg/L	250
Nitrate as N	mg/L	1.3
Sulfate as SO4	mg/L	20
Phenols as Phenol	mg/L	<0.001

ANALYTICAL PARAMETERS

CC:

REMARKS:

DIRECTOR



ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO. C924351/3

11/24/92

Lockwood, Kessler & Bartlett
1 Aerial Way
Syosset, NY 11797

ATTN: Ray Wegener

SOURCE OF SAMPLE: Town of Oyster Bay-Solid Waste Disposal
COLLECTED BY: Client DATE COL'D: 11/02/92 RECEIVED: 11/02/92

SAMPLE: Wastewater sample, EFFLUENT

ANALYTICAL PARAMETERS

Barium as Ba	mg/L	0.11
Cadmium as Cd	mg/L	<0.001
Chloride as Cl	mg/L	110
Chromium as Cr	mg/L	<0.02
Copper as Cu	mg/L	0.02
Cyanide as CN	mg/L	<0.02
Iron as Fe	mg/L	0.23
Lead as Pb	mg/L	<0.005
Magnesium as Mg	mg/L	9.3
Manganese as Mn	mg/L	0.29
Mercury as Hg	mg/L	<0.001
Silver as Ag	mg/L	<0.01
Zinc as Zn	mg/L	<0.02
Tot Dissolved Solids	mg/L	270
Nitrate as N	mg/L	1.3
Sulfate as SO4	mg/L	23
Phenols as Phenol	mg/L	<0.001

ANALYTICAL PARAMETERS

CC:

REMARKS:

DIRECTOR

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO. C924351/1

11/24/92

Lockwood, Kessler & Bartlett
1 Aerial Way
Syosset, NY 11797

ATTN: Ray Wegener

SOURCE OF SAMPLE: Town of Oyster Bay-Solid Waste Disposal
COLLECTED BY: Client DATE COL'D: 11/02/92 RECEIVED: 11/02/92

SAMPLE: Wastewater sample, INFLUENT

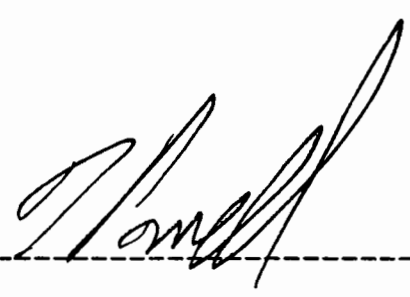
ANALYTICAL PARAMETERS

Vinyl Chloride	ug/L	4.0
Chloroethane	ug/L	<1.
Methylene Chloride	ug/L	4.0
1,1 Dichloroethene	ug/L	<1.
1,2 Dichloroethene	ug/L	56
Chloroform	ug/L	<1.
1,2 Dichloroethane	ug/L	<1.
111 Trichloroethane	ug/L	2.3
Carbon Tetrachloride	ug/L	<1.
Bromodichloromethane	ug/L	<1.
1,2 Dichloropropane	ug/L	<1.
Trichloroethylene	ug/L	12
Chlorodibromomethane	ug/L	<1.
Bromoform	ug/L	<2.
Tetrachloroethene	ug/L	120
Chlorobenzene	ug/L	<1.
1,3 Dichlorobenzene	ug/L	<2.
1,2 Dichlorobenzene	ug/L	<2.
1,4 Dichlorobenzene	ug/L	<2.
Benzene	ug/L	5.4
Toluene	ug/L	<2.
Ethyl Benzene	ug/L	<1.
m Xylene	ug/L	<2.
o+p Xylene	ug/L	4.7
1,1 Dichloroethane	ug/L	11

ANALYTICAL PARAMETERS

cc:

REMARKS:

DIRECTOR 

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO. C924351/2

11/24/92

Lockwood, Kessler & Bartlett
1 Aerial Way
Syosset, NY 11797

ATTN: Ray Wegener

SOURCE OF SAMPLE: Town of Oyster Bay-Solid Waste Disposal
COLLECTED BY: Client DATE COL'D: 11/02/92 RECEIVED: 11/02/92

SAMPLE: Wastewater sample, EFFLUENT

ANALYTICAL PARAMETERS

Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
1,1 Dichloroethene	ug/L	ND*
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
Trichloroethylene	ug/L	<1
Chlorodibromomethane	ug/L	<1
Bromoform	ug/L	<2
Tetrachloroethene	ug/L	<1
Chlorobenzene	ug/L	<1
1,3 Dichlorobenzene	ug/L	<2
1,2 Dichlorobenzene	ug/L	<2
1,4 Dichlorobenzene	ug/L	<2
Benzene	ug/L	<1
Toluene	ug/L	<2
Ethyl Benzene	ug/L	<1
m Xylene	ug/L	<2
o+p Xylene	ug/L	<4
1,1 Dichloroethane	ug/L	<1

ANALYTICAL PARAMETERS

CC:

REMARKS: *Not detected at MDL of 0.07ug/L.

DIRECTOR

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO. C924753/2

12/17/92

Lockwood, Kessler & Bartlett
1 Aerial Way
Syosset, NY 11797

ATTN: Ray Wegener

SOURCE OF SAMPLE: Town of Oyster Bay-Solid Waste Disposal
COLLECTED BY: Client DATE COL'D: 12/02/92 RECEIVED: 12/02/92

SAMPLE: Wastewater sample, Effluent-RAP, 7:50 am

ANALYTICAL PARAMETERS

Vinyl Chloride	ug/L	<1.
Chloroethane	ug/L	<1.
Methylene Chloride	ug/L	<1.
1,1 Dichloroethene	ug/L	ND*
1,2 Dichloroethene	ug/L	<1.
Chloroform	ug/L	<1.
1,2 Dichloroethane	ug/L	<1.
1,1 Dichloroethane	ug/L	<1.
111 Trichloroethane	ug/L	<1.
Carbon Tetrachloride	ug/L	<1.
Bromodichloromethane	ug/L	<1.
1,2 Dichloropropane	ug/L	<1.
Trichloroethylene	ug/L	<1.
Chlorodibromomethane	ug/L	<1.
Bromoform	ug/L	<2.
Tetrachloroethene	ug/L	<1.
Chlorobenzene	ug/L	<1.
1,2 Dichlorobenzene	ug/L	<2.
1,3 Dichlorobenzene	ug/L	<2.
1,4 Dichlorobenzene	ug/L	<2.
Benzene	ug/L	<1.
Toluene	ug/L	<2.
Ethyl Benzene	ug/L	<1.
m Xylene	ug/L	<2.
o+p Xylene	ug/L	<4.

ANALYTICAL PARAMETERS

CC:

REMARKS: *Not detected at MDL of 0.07ug/L.

DIRECTOR

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO. C924753/1

12/17/92

Lockwood, Kessler & Bartlett
1 Aerial Way
Syosset, NY 11797
ATTN: Ray Wegener

SOURCE OF SAMPLE: Town of Oyster Bay-Solid Waste Disposal
COLLECTED BY: Client DATE COL'D: 12/02/92 RECEIVED: 12/02/92

SAMPLE: Wastewater sample, Influent-RAP, 8:00 am

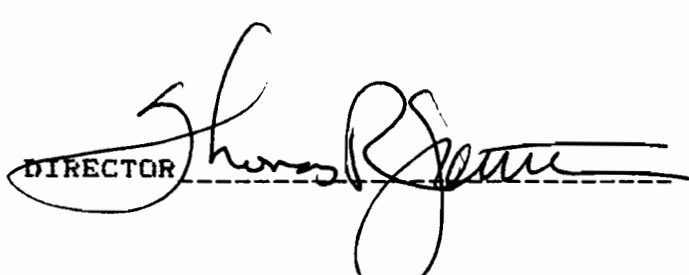
ANALYTICAL PARAMETERS

Vinyl Chloride	ug/L	7.1
Chloroethane	ug/L	1.8
Methylene Chloride	ug/L	6.4
1,1 Dichloroethene	ug/L	<1.
1,2 Dichloroethene	ug/L	85
Chloroform	ug/L	<1.
1,2 Dichloroethane	ug/L	<1.
1,1 Dichloroethane	ug/L	13
111 Trichloroethane	ug/L	3.4
Carbon Tetrachloride	ug/L	<1.
Bromodichloromethane	ug/L	<1.
1,2 Dichloropropane	ug/L	<1.
Trichloroethylene	ug/L	22
Chlorodibromomethane	ug/L	<1.
Bromoform	ug/L	<2.
Tetrachloroethene	ug/L	150
Chlorobenzene	ug/L	<1.
1,2 Dichlorobenzene	ug/L	<2.
1,3 Dichlorobenzene	ug/L	<2.
1,4 Dichlorobenzene	ug/L	<2.
Benzene	ug/L	8.6
Toluene	ug/L	<2.
Ethyl Benzene	ug/L	<1.
m Xylene	ug/L	<2.
o+p Xylene	ug/L	4.3

ANALYTICAL PARAMETERS

cc:

REMARKS:


DIRECTOR

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO. C924753/3

12/17/92

Lockwood, Kessler & Bartlett
1 Aerial Way
Syosset, NY 11797

ATTN: Ray Wegener

SOURCE OF SAMPLE: Town of Oyster Bay-Solid Waste Disposal
COLLECTED BY: Client DATE COL'D: 12/02/92 RECEIVED: 12/02/92

SAMPLE: Wastewater sample, Effluent-RAP, 7:50 am

ANALYTICAL PARAMETERS

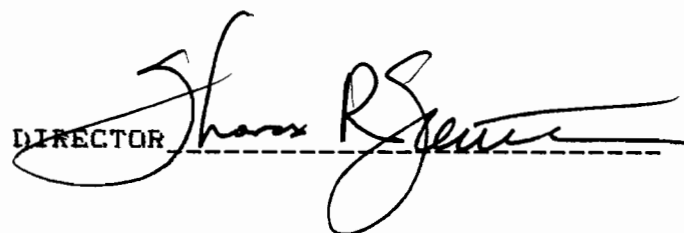
Barium as Ba	mg/L	0.09
Cadmium as Cd	mg/L	<0.001
Chloride as Cl	mg/L	95
Chromium as Cr	mg/L	<0.02
Copper as Cu	mg/L	<0.02
Cyanide as CN	mg/L	<0.02
Iron as Fe	mg/L	0.08
Lead as Pb	mg/L	0.006
Magnesium as Mg	mg/L	7.2
Manganese as Mn	mg/L	0.19
Mercury as Hg	mg/L	<0.001
Silver as Ag	mg/L	<0.01
Zinc as Zn	mg/L	0.02
Tot Dissolved Solids	mg/L	210
Nitrate as N	mg/L	0.9
Sulfate as SO4	mg/L	15
Phenols as Phenol	mg/L	<0.001

ANALYTICAL PARAMETERS

CC:

REMARKS:

DIRECTOR



APPENDIX F

"AIR STRIPPER EMISSIONS SURVEY"

APRIL 1993

OLD BETHPAGE LANDFILL
OYSTER BAY SOLID WASTE DISPOSAL COMPLEX
AIR STRIPPER STACK EMISSIONS TEST PROGRAM

Initial Year of Operation

1992 - 1993 Second Quarter Report

Prepared for:

Lockwood Kessler & Bartlett, Inc.
One Aerial Way
Syosset, New York 11791

Prepared by:

RTP Environmental Associates, Inc.
400 Post Avenue
Westbury, New York 11590

JANUARY, 1993

SECOND QUARTERLY REPORT
OBSWDC AIR STRIPPER TEST PROGRAM

TABLE OF CONTENTS

<u>Section</u>		<u>Page</u>
1.0	INTRODUCTION	1
2.0	SAMPLING AND ANALYSIS PROCEDURES	
3.0	DISCUSSION OF RESULTS	2
3.1	Air Stripper VOST Results	3
3.2	Ambient Air VOST Results	3
3.3	Air Stripper Operational Results	4
4.0	COMPARISON OF EMISSION RATES TO CONSENT DECREE LIMITATIONS	4
5.0	AIR QUALITY MODELING	4
5.1	Modeling Methodology	5
5.2	Model and Source Configuration	5
5.3	Modeling Results	6
5.4	Modeling Validation	7
6.0	CONCLUSIONS AND RECOMMENDATIONS	7
	REFERENCES	
	APPENDICES	
	A. RTL Analytical Results	
	B. EcoTest Analytical Results	
	TABLES:	
	1 - Program Target Compound List and NYSDEC Ambient Guidelines	
	2 - Air Stripper VOST Results (Test D)	
	3 - Air Stripper VOST Results (Test E)	
	4 - Air Stripper VOST Results (Test F)	
	5 - Air Stripper VOST Test Results	
	6 - Ambient Air VOST Results	
	7 - Summary of Air Stripper Operational Data	
	8 - Summary of Air Stripper Ammonia Emissions	
	9 - Comparison of Air Stripper Emission Concentrations Using Two Independent Methods	
	10- Comparison of Applicable Discharge Requirements for Air Stripping Treatment System with Stack Test Results	
	11- Maximum Annual Impacts Based on Air Emission Test	
	12- Modeling Validation Results	

SECOND QUARTERLY REPORT OBSWDC AIR STRIPPER TEST PROGRAM

1.0 INTRODUCTION

The Town of Oyster Bay entered into a Consent Decree (83CIV5357) with the New York State Department of Law (DOL) regarding remediation efforts at the Oyster Bay Solid Waste Disposal Complex (OSWDC). The Decree requires, among other items, quarterly stack emission testing of the air stripper.

This report has been prepared by RTP Environmental Associates, Inc. (RTP), the subcontractor for conducting and evaluating the air stripper emission tests. The report provides a brief summary of sampling procedures and analytical methods; a presentation of data collected during the test; an analysis of the data including comparisons to the Consent Decree emission limits used in facility design; and an air quality modeling analysis.

This report is the second in a series of quarterly reports that will provide data on the individual air emission tests being performed by RTP. The final report will include an overall analysis of all tests combined for direct comparison to the applicable guidelines.

2.0 SAMPLING AND ANALYSIS PROCEDURES

The air stripper stack sampling program was based on achieving a combined sampling and analytical method lower quantitation limit ($\mu\text{g}/\text{m}^3$) that when modeled is less than the lowest target compound ambient air Annual Guideline Concentration (AGC) at the maximum point of impact.

RTP developed and submitted a monitoring and analysis protocol for the quarterly tests to New York State Department of Environmental Conservation (NYSDEC) for approval. The specific sampling and analysis procedures are fully defined in a series of documents including the project scope of work and subsequent correspondence with the NYSDEC and Lockwood, Kessler & Bartlett, Inc. (LKB). NYSDEC gave formal approval to the approach and testing for the second quarter commenced on September 23, 1992. The NYSDEC approved an RTP recommended

change to the protocol used in the first quarterly test. The VOST sample run times were changed from 40 minutes to 20 minutes with an increase in the VOST sampling rate from 0.1 lpm to 0.2 lpm. This change was made because of the very low flow rates that must be maintained over the entire 40 minute sampling period by the flow control module.

The analytical laboratories selected for this project were Research Triangle Laboratories (RTL) and EcoTest Laboratories (EcoTest). RTL provided the required analytical gas chromatograph-mass spectrographic services to identify and quantify all substances listed on the Target Compound List (TCL) except ammonia. The TCL was based on the Consent Decree and is provided in Table 1. EcoTest provided ion specific electrode analysis services to identify and quantify ammonia emissions.

3.0 DISCUSSION OF RESULTS

RTP conducted the second quarterly stack test effort at the OBSWDC Air Stripper on September 23, 1992. The stack test included twelve (12) individual Volatile Organic Sampling Train (VOST) runs, each 20 minutes in duration.

There were several additional concurrent tests performed. Ambient air samples were collected using a portable VOST train. Aqueous samples were collected for ammonia analyses at the influent and effluent channels to the air stripper. Finally, influent and effluent water samples were taken for GC analysis. The results of these tests are presented in the attached laboratory reports.

The facility operations were monitored on a continuous basis during the performance of the stack test. Site personnel kept detailed records of well flows, air stripper flow, air blower flow and blower pressure. All major unit processes were operating normally during the entire period of the test. One production well had lost its telemetry prior to the test but was operated normally throughout the test.

In-stack measurements at the facility were made of pressure differential, temperature and dew point. Finally, meteorological measurements of wind direction, wind speed, atmospheric pressure, temperature, turbulence and humidity were taken at two locations onsite.

3.1 Air Stripper Stack VOST Results

Tables 2 through 4 provide the nanogram per liter (ng/l) air concentrations for each TCL constituent detected during the twelve (12) VOST runs performed by RTP. A test is comprised of four (4) individual VOST runs. The test averages (D, E and F) are provided in Table 5 along with the average for all test runs. Several compounds were identified with the most prevalent being tetrachloroethene and 1,2-dichloroethene. There was no condensate in any of the test samples primarily because of the low (4 liter) total sample volume required for each test. Field and trip blank samples were collected. There is no indication that contamination was present in the blank sample tubes as described in the RTL report.

3.2 Ambient Air VOST Results

Ambient VOST samples were collected at two locations during the air stripper tower stack test. Sample A-2U was collected upwind of the tower to provide data on background VOC concentrations in the air approaching or being drawn into the tower. Sample A-2D was collected downwind of the tower to determine combined VOC impacts from background sources and the operation of the tower.

The analytical TCL results for the ambient VOST samples are presented in Table 6. Nine (9) VOCs were detected above the lower quantification limits in the downwind sample. The upwind sample did not contain any VOCs above the lower quantitation limits. Most VOCs detected at the downwind sampling location were also detected in the stack test (see Table 5) with the exception of three VOCs: carbon tetrachloride, ethylbenzene and toluene. In addition, 1,1-dichloroethane, cis-1,2-dichloroethene and vinyl chloride were detected in the stack exhaust test but were not detected in the ambient air. An ambient air field blank (A-2FB) and trip blank were collected and both were free of any quantifiable contamination. The respective upwind and downwind air samples with total air volumes of 429 and 409 liters did not contain sufficient moisture to have a collectable condensate sample.

3.3 Air Stripper Operational Results

Table 7 summarizes the operational data for the groundwater treatment facility on the day of the

air stripper stack testing. Operations data during each stack test performed by RTP are provided in the Table.

Influent and effluent water samples were also taken to evaluate the release of ammonia via a net difference method. A summary of the emission rates and other data are provided in Table 8. Tests 4, 5 and 6 correspond to stack gas emission test groups D, E and F, respectively.

Table 9 provides a direct comparison between stack VOC concentrations as determined by water analyses and by VOST stack tests. In general, water analyses suggest substantially lower concentrations of VOCs.

4.0 COMPARISON OF EMISSION RATES TO CONSENT DECREE LIMITATIONS

The Consent Decree stipulates air stripper discharge concentration requirements which are provided in Table 10. A direct comparison of the discharge concentrations to the limits tabulated in the Consent Decree indicate that potentially four (4) compounds exceed the specified limits.

This was the second in a series of stack tests that will be performed during the first year of testing at the air stripper. Future and past stack test data will be combined with the above results to evaluate facility operations on an annual basis.

5.0 AIR QUALITY MODELING

An air quality impact analysis using an approved USEPA model was prepared based on stack and background ambient VOST test data. Predicted model values were compared to observed downwind ambient VOST test data and NYSDEC ambient air annual guidelines as provided in Air Guide No. 1.

The analysis was performed to determine if the annual air quality impacts of the air stripper operation exceed ambient air quality guidelines. Two EPA approved atmospheric dispersion models (TSCREEN and ISC2) were evaluated for use in this case. The ISC2 Model was selected for this analysis. The air stripper emission rates and its associated source parameters as tested in the second quarterly stack test were used in the modeling analysis.

5.1 Modeling Methodology

The ISC2 Dispersion Model (EPA, 1992), is a restructured and reprogrammed version of the original ISC Model. The ISC2 model provides the ability to model emissions from a wide range of sources including elevated point source emissions. The basis of the model is the straight-line, steady-state Gaussian plume dispersion equation. It has the ability to take into account building downwash effects for different wind angles, incorporates local terrain information and accepts hourly meteorological data. The user can select various time period averages including annual average impacts. Since ISC2 is best suited for this case, it has been selected for evaluating the air stripper tower air quality impacts on receptors surrounding the OBSWDC.

5.2 Model and Source Configuration

The ISC2 Model has a variety of run options that are useful in customizing the model for a specific application. In this case, general model options, source/receptor configurations and meteorological data were input into the model to predict the maximum annual average impacts for off-property receptors associated with the air stripper tower.

The following regulatory default options are applied in the simulation including:

- o stack-tip downwash,
- o buoyancy-induced dispersion,
- o calm wind speed processing routine,
- o upper bound concentration estimates for sources influenced by building downwash from super-squat building,
- o regulatory default wind speed profile exponents and
- o regulatory default vertical potential temperature gradients.

The source parameters utilized in the model are based on the second quarterly air stripper exhaust tests. The important parameters are air stripper base location and elevation, tower height, stack exit temperature, inner stack diameter of the exhaust section, exhaust volume flow rates and VOC emission rates. Since the air stripper building downwash is included, the building crosswind dimensions for various wind directions are also input into the model.

Receptors used in the modeling analysis covered a four (4) kilometer square area around the air stripper. Two receptor grids with 200 meter and 100 meter spacing were used along with a separate series of property line receptors. The above surface height of each receptor was one (1) meter.

One year of onsite meteorological data was used in the modeling analysis. This data set was collected from atop the Oyster Bay Landfill by the Town of Oyster Bay Industrial Development Authority in 1985. The meteorology data included wind speed, wind direction, ambient air temperature, humidity and turbulence level. Mixing heights for this period were based on Holzworth seasonal mixing height data. These data along with the model outputs for specific conditions will be provided in the final report of the first year's test program for this project.

5.3 Modeling Results

The maximum annual normalized impact predicted by the ISC2 Model for the OBSWDC air stripper tower is 6.77 micrograms per cubic meter. This value is based on a one gram per second emission rate and one year of onsite meteorological data. The compound specific maximum annual impacts predicted for all compounds identified in the first quarter air stripper emission tests are presented in Table 11. They are derived by converting the emission rates shown in Table 10 to gram per second values. These emission rates are then multiplied by the maximum annual normalized impact shown above.

Maximum annual impacts are compared to the New York State Annual Guideline Concentrations (AGCs) in place at the time the Consent Decree was developed and to current AGCs. As shown in Table 11, each compound specific annual impact is below the AGCs that were in effect at the time the Consent Decree was formalized. When maximum annual impacts as modeled are compared to currently applied AGCs, one compound, tetrachloroethene, is predicted to exceed the current annual guideline. More monitoring and modeling data are necessary to confirm or deny the potential for exceeding the current State guidelines.

5.4 Modeling Validation

The objective of the model validation process is to verify that the model set up and results compare favorably with available onsite ambient air sampling results.

Both upwind and downwind ambient air concentrations along with the meteorological data were collected during the second quarter test effort. These data were collected concurrent with the air stripper emission test period described in Section 3. For this case, tetrachloroethene was selected as the appropriate compound for the model validation analysis. All other VOCs emitted from the air stripper were at levels that were at or below the quantitation limits established for the ambient samples and therefore could not be applied to validate the model.

The background tetrachloroethene concentration represents the ambient level upwind of the air stripper. This sample concentration was below the lower quantification limit and was collected to the north of the air stripper tower under persistent northerly wind conditions. The downwind tetrachloroethene sample was collected to the south of the tower. The downwind concentration represents the summation of the background and air stripper impact for tetrachloroethene. As indicated in Table 12, the measured downwind concentration impact is 0.978 micrograms per cubic meter. The modeled impact for the testing period is 0.346 micrograms per cubic meter. The ratio of the observed to the predicted concentration values is 0.36. This means that observed versus predicted results are within a factor of 2.8 of each other.

These predicted versus observed results indicate that there is reasonable correlation between the two methods of determining air stripper impacts for specific short-term periods. Similar modeling analyses will be performed during each quarterly test to determine compliance with ambient standards and then for all available data at the conclusion of the first year of the field study.

6.0 CONCLUSIONS AND RECOMMENDATIONS

The stack testing performed on September 23, 1992 at the air stripper tower shows that the emission rates for several compounds measured at the point of discharge exceed the limitations stipulated in the Consent Decree. Those compounds are identified in Table 10. The remaining

quarterly test results will need to be added to the data presented in this report before any conclusions can be made on acceptability of air stripper emissions and their impacts.

A comparison of the air quality impacts at the worst-case off-property receptor was made with the NYSDEC annual ambient guidelines in effect at the time of the signing of the Consent Decree. The comparison indicates that the air stripper emissions do not exceed any of the ambient air guideline levels in effect at that time. The stack test emission rates were used to predict expected annual air quality impacts using an approved USEPA model. The model results also indicate that only one compound, tetrachlorethene, has an impact that exceeds current NYSDEC annual ambient air quality guidelines. This, however, is based on a single stack test and more data is required to verify this result.

REFERENCES

EPA, 1992 Users Guide for the Industrial Source Complex (ISC2) Dispersion Models, EPA-450/4-92-008a OAQPS, Research Triangle Park, North Carolina 27711

NYSDEC, 1991 New York State Air Guide-1, Division of Air Resources, New York State Department of Environmental Conservation (NYSDEC), Albany, New York

TABLE 1

OLD BETHPAGE LANDFILL
GROUNDWATER TREATMENT FACILITY

PROGRAM TARGET COMPOUND LIST
AND NYSDEC AMBIENT GUIDELINES

VOC COMPOUND NAME	TOXICITY	CURRENT SGC (ug/m3)	CURRENT AGC (ug/m3)	FORMER AGC (ug/m3)	CONSENT DECREE LIMITS***
Benzene	H	30 (p)	0.12 (E,U)	100	100
Bromodichloromethane	H		0.02 (D)	0.03**	0.03
Bromoform	M	1,200 (t)	12 (T)	11.9**	16.7
Carbon Tetrachloride	H	1,300 (r)	0.07 (E,U)	100	100
Chlorobenzene	M	11,000 (p)	20 (E)	1,170	1,170
Chloroethane	L	630,000 (t)	63,000 (T)	52,000	52,000
Chloroform	M	980 (r)	23 (R)	167	167
Dibromochloromethane	M		0.1 (Z)	0.03**	0.03
1,2-Dichlorobenzene (o)	M	30,000 (t)	200 (E)	1,000	1,000
1,3-Dichlorobenzene (m)	M	30,000 (a)	200 (A)	714**	0.03
1,4-Dichlorobenzene (p)	M**	110,000**	700**		1,500
1,1-Dichloroethane	L	190,000 (t)	500 (E)	9,524**	2,700
1,2-Dichloroethane	M	950 (r)	0.039 (E,U)	0.2	20
1,1-Dichloroethene	H	2,000 (t)	0.02 (E,U)	66.7	66.7
cis-1,2-Dichloroethene*	M	190,000 (t)	1,900 (T)	1,880**	2,630****
trans-1,2-Dichloroethene	M		360 (D)	360**	
1,2-Dichloropropane	M	83,000 (t)	0.15 (D)	833**	1,170
Ethylbenzene	M	100,000 (t)	1,000 (E)	1,450	1,450
Freon 13*	L	43,000 (a)	530 (A)	133,333**	0.03
Methylene Chloride	M	41,000 (t)	27 (D,U)	1,170	1,170
Tetrachloroethene	M	81,000 (t)	0.075 (D,U)	1,120	1,120
Toluene	L	89,000 (r)	2,000 (I)	7,500	7,500
1,1,1-Trichloroethane	L	450,000 (t)	1,000 (E)	38,000	38,000
Trichloroethene	M	33,000 (r)	0.45 (D,U)	900	900
Vinyl Chloride	H	1,300 (t)	0.02 (E,U)	0.4	0.4
Xylenes (Total)	M	100,000 (t)	300 (I)	1,450	1,450*****
OTHER COMPOUNDS					
Ammonia	L	4,000 (t)	360 (E)	360	360

FOOTNOTES:

SGC - Short-term guideline concentration

AGC - Annual guideline concentration (current as of June 1991, former as of 1988, 9/89 Edition)

* - Tentatively Identified Compound (TIC) using EPA SW846 Method 8240

** - Proposed Value

*** - As per Table 1 of the Final Consent Decree. Reported in micrograms per cubic meter (ug/m3)

**** - Total for cis and trans isomers

***** - 1450 total for ortho and para xylene and 1450 total for meta xylene

Toxicity - H for high; M for moderate; and L for low by NYSDEC

(a) - SGC based on NYSDEC structure-activity analogy

(p) - SGC derived from proposed ACGIH TLV-TWA (1990-1991)

(r) - SGC derived from NIOSH REL-TWA (1988)

(t) - SGC derived from ACGIH TLV-TWA (1990-1991)

(A) - AGC based on NYSDEC structure-activity analogy

(D) - AGC derived from NYSDEC, Division of Air Resources, Bureau of Air Toxics, Toxics Assessment Section

(E) - AGC based on derivation by USEPA

(I) - AGC based on RFC developed by USEPA - Integrated Risk Information System (RIS), input pending

(R) - AGC derived from NIOSH REL-TWA (1988)

(T) - AGC derived from ACGIH TLV-TWA (1990-1991)

(U) - AGC is the ambient air concentration which corresponds to an excess cancer risk of one in one million after lifetime exposure

(Z) - AGC assigned MODERATE toxicity "de minimis" limit

TABLE 2

OLD BETHPAGE LANDFILL
GROUNDWATER TREATMENT FACILITY

AIR STRIPPER VOST RESULTS - TEST D
Second Quarter Test Results

Sample ID	S-13	S-14	S-15	S-16	Condensate	Average
Sample Volume (L)*	4.18	4.18	4.09	4.08		4.13
Flow Rate (ACFM)	8,730	8,730	8,730	8,730		8,730
Stack Temperature (Deg.F)	56	56	56	56		56
Lower Quantitation Limit (ng/l)	52.6	67.3	63.6	63.7		61.8

TARGET COMPOUND	(ng/l)	(ng/l)	(ng/l)	(ng/l)	(ng)	(ng/l)
Benzene	172	195	188	203	NA	190
Bromodichloromethane					NA	
Bromoform					NA	
Carbon Tetrachloride					NA	
Chlorobenzene					NA	
Chloroethane					NA	
Chloroform					NA	
Dibromochloromethane					NA	
1,2-Dichlorobenzene (o)					NA	
1,3-Dichlorobenzene (m)					NA	
1,4-Dichlorobenzene (p)					NA	
1,1-Dichloroethane	311	385	367	343	NA	352
1,2-Dichloroethane					NA	
1,1-Dichloroethene					NA	
cis-1,2-Dichloroethene **	909	1,230	1,000	1,000	NA	1,030
trans-1,2-Dichloroethene					NA	
1,2-Dichloropropane					NA	
Ethylbenzene					NA	
Freon 13**					NA	
Methylene Chloride	108	120	120	118	NA	117
Tetrachloroethene	4,550	5,770	5,380	5,640	NA	5,340
Toluene					NA	
1,1,1-Trichloroethane	144	74.5	68.5	68.6	NA	88.9
Trichloroethene	431	385	367	392	NA	394
Vinyl Chloride	86.1		70.9	88.2	NA	<78.1
Xylenes (Total)	122	132	125	137	NA	129

NOTE:

- All blank values are below the Lower Quantitation Limit.
- < Values are used where the Lower Quantitation Limit is averaged with reported values.
- A condensate sample was not available (NA) for collection.

* Corrected to stack conditions.

** Tentatively Identified Compound (TIC).

TABLE 3

OLD BETHPAGE LANDFILL
GROUNDWATER TREATMENT FACILITY

AIR STRIPPER VOST RESULTS - TEST E
Second Quarter Test Results

Sample ID	S-17	S-18	S-19	S-20	Condensate	Average
Sample Volume (L)*	4.09	4.11	4.02	3.98		4.05
Flow Rate (ACFM)	8,720	8,720	8,720	8,720		8,720
Stack Temperature (Deg.F)	56	56	56	56		56
Lower Quantitation Limit (ng/l)	63.6	77.9	94.5	75.4		77.9

TARGET COMPOUND	(ng/l)	(ng/l)	(ng/l)	(ng/l)	(ng)	(ng/l)
Benzene	200	182	194	186	NA	191
Bromodichloromethane					NA	
Bromoform					NA	
Carbon Tetrachloride					NA	
Chlorobenzene					NA	
Chloroethane					NA	
Chloroform					NA	
Dibromochloromethane					NA	
1,2-Dichlorobenzene (o)					NA	
1,3-Dichlorobenzene (m)					NA	
1,4-Dichlorobenzene (p)					NA	
1,1-Dichloroethane	367	341	348	352	NA	352
1,2-Dichloroethane					NA	
1,1-Dichloroethene					NA	
cis-1,2-Dichloroethene **	1,150	925	871	955	NA	975
trans-1,2-Dichloroethene					NA	
1,2-Dichloropropane					NA	
Ethylbenzene					NA	
Freon 13**					NA	
Methylene Chloride	125	112	119	108	NA	116
Tetrachloroethene	5,870	5,840	6,720	4,520	NA	5,740
Toluene					NA	
1,1,1-Trichloroethane	75.8				NA	<80.9
Trichloroethene	391	365	398	377	NA	383
Vinyl Chloride	83.1				NA	<82.7
Xylenes (Total)	149	124	132	151	NA	139

NOTE:

- All blank values are below the Lower Quantitation Limit.
- < Values are used where the Lower Quantitation Limit is averaged with reported values.
- A condensate sample was not available (NA) for collection.

* Corrected to stack conditions.

** Tentatively Identified Compound (TIC).

TABLE 4

OLD BETHPAGE LANDFILL
GROUNDWATER TREATMENT FACILITY

AIR STRIPPER VOST RESULTS - TEST F
Second Quarter Test Results

Sample ID	S-21	S-22	S-23	S-24	Condensate	Average
Sample Volume (L)*	4.20	4.14	4.15	4.18		4.17
Flow Rate (ACFM)	8,670	8,670	8,670	8,670		8,670
Stack Temperature (Deg.F)	56	56	56	56		56
Lower Quantitation Limit (ng/l)	85.7	82.1	77.1	86.1		82.8

TARGET COMPOUND	(ng/l)	(ng/l)	(ng/l)	(ng/l)	(ng)	(ng/l)
Benzene	169	181	169	187	NA	177
Bromodichloromethane					NA	
Bromoform					NA	
Carbon Tetrachloride					NA	
Chlorobenzene					NA	
Chloroethane					NA	
Chloroform					NA	
Dibromochloromethane					NA	
1,2-Dichlorobenzene (o)					NA	
1,3-Dichlorobenzene (m)					NA	
1,4-Dichlorobenzene (p)					NA	
1,1-Dichloroethane	333	338	313	311	NA	324
1,2-Dichloroethane					NA	
1,1-Dichloroethene					NA	
cis-1,2-Dichloroethene**	1,050	1,280	1,160	1,050	NA	1,140
trans-1,2-Dichloroethene					NA	
1,2-Dichloropropane					NA	
Ethylbenzene					NA	
Freon 13**					NA	
Methylene Chloride	110	111	104		NA	<103
Tetrachloroethene	4,290	6,760	5,780	7,420	NA	6,060
Toluene					NA	
1,1,1-Trichloroethane					NA	
Trichloroethene	357	362	337	407	NA	368
Vinyl Chloride					NA	
Xylenes (Total)	262	138	133	132	NA	166

NOTE:

- All blank values are below the Lower Quantitation Limit.
- < Values are used where the Lower Quantitation Limit is averaged with reported values.
- A condensate sample was not available (NA) for collection.

* Corrected to stack conditions.

** Tentatively Identified Compound (TIC).

TABLE 5

OLD BETHPAGE LANDFILL
GROUNDWATER TREATMENT FACILITY

AIR STRIPPER VOST TESTS RESULTS
Second Quarter Test Results

Test ID*	D	E	F	Average	SFB2	STB2
Sample Volume (L)**	4.13	4.05	4.17	4.12		
Flow Rate (ACFM)	8.730	8.720	8.670	8.710		
Stack Temperature (Deg.F)	56	56	56	56		
Lower Quantitation Limit (ng/l)	61.8	77.9	82.8	74.1	20****	20****
TARGET COMPOUND	(ng/l)	(ng/l)	(ng/l)	(ng/l)	(ng/l)	(ng/l)
Benzene	190	191	177	186		
Bromodichloromethane						
Bromoform						
Carbon Tetrachloride						
Chlorobenzene						
Chloroethane						
Chloroform						
Dibromochloromethane						
1,2-Dichlorobenzene (o)						
1,3-Dichlorobenzene (m)						
1,4-Dichlorobenzene (p)						
1,1-Dichloroethane	352	352	324	343		
1,2-Dichloroethane						
1,1-Dichloroethene						
cis-1,2-Dichloroethene ***	1,030	975	1,140	1,050		
trans-1,2-Dichloroethene						
1,2-Dichloropropane						
Ethylbenzene						
Freon 13***						
Methylene Chloride	117	118	<103	<112		
Tetrachloroethene	5,340	5,740	6,060	5,710		
Toluene						
1,1,1-Trichloroethane	88.9	<80.9		<84.2		
Trichloroethene	394	383	366	381		
Vinyl Chloride	<78.1	<82.7		<81.2		
Xylenes (Total)	129	139	166	145		

NOTE:

- All blank values are below the Lower Quantitation Limit.
- <Values are used where the Lower Quantitation Limit is averaged with reported values.

- * Test ID: D - Average of Runs S-13, S-14, S-15 and S-16
E - Average of Runs S-17, S-18, S-19 and S-20
F - Average of Runs S-21, S-22, S-23 and S-24

** Corrected to stack conditions.

*** Tentatively Identified Compound (TIC).

**** The Lower Quantitation Limit for the Stack Sampling Train Field Blank (SFB2) and Trip Blank (STB2) as 20ng (mass loading limit of detection).

SFB2 - Stack Field Blank

STB2 - Second Quarter Stack and Ambient Trip Blank

TABLE 6

OLD BETHPAGE LANDFILL
GROUNDWATER TREATMENT FACILITY

AMBIENT AIR VOST RESULTS
Second Quarter Test Results

Sample ID	A-2U	A-2D	A-2FB	A-2TB
Sample Volume (L)**	429	409	—	—
Ambient Temperature (Deg.F)	62.9	62.9	62.9	62.9
Lower Quantitation Limit (ng/l)	0.0466	0.0489	20****	20****

TARGET COMPOUND	(ng/l)	(ng/l)	(ng/l)	(ng/l)
Benzene		0.154		
Bromodichloromethane				
Bromoform				
Carbon Tetrachloride		0.181		
Chlorobenzene				
Chloroethane				
Chloroform				
Dibromochloromethane				
1,2-Dichlorobenzene (o)				
1,3-Dichlorobenzene (m)				
1,4-Dichlorobenzene (p)				
1,1-Dichloroethane				
1,2-Dichloroethane				
1,1-Dichloroethene				
cis-1,2-Dichloroethene ***				
trans-1,2-Dichloroethene				
1,2-Dichloropropane				
Ethylbenzene		0.0900		
Freon 13***				
Methylene Chloride		0.0538		
Tetrachloroethene		0.978		
Toluene		0.587		
1,1,1-Trichloroethane		0.440		
Trichloroethene		0.562		
Vinyl Chloride				
Xylenes (Total)		0.538		

NOTE:

- All blank values are below the Lower Quantitation Limit.

* Run Number: A-2U (Ambient Sample Upwind of the Air Stripper)
A-2D (Ambient Sample Downwind of the Air Stripper)
A-2FB (Ambient Sampling Train Field Blank)

** Sample volume at ambient conditions.

*** Tentatively Identified Compound (TIC).

**** The Lower Quantitation Limit for the Ambient Sampling Train Field Blank
(A-2FB-F/B) as 20 ng (mass loading limit of detection)

TABLE 7

OLD BETHPAGE LANDFILL
GROUNDWATER TREATMENT FACILITY

SUMMARY OF AIR STRIPPER OPERATIONAL DATA
Second Quarter Test Results

VOST RUN NUMBER	WELL 1 FLOW (GPM)	WELL 2 FLOW (GPM)	WELL 3 FLOW (GPM)	WELL 4 FLOW (GPM)	WELL 5 FLOW (GPM)	SYSTEM FLOW (GPM)	STRIPPER FLOW (GPM)	PRESSURE FILTER FLOW (GPM)	BLOWER AIR FLOW (CFM)	AIR PRESSURE (Inches H ₂ O)	GROUNDWATER PROCESSED* (gallons)
13	199	240	198	200	203	1,000	933	960	10,200	NA	22,000
14	200	243	199	204	204	897	662	1,000	10,900	NA	19,000
15	200	245	198	197	200	868	728	1,110	10,400	NA	18,000
16	197	244	199	196	203	544	555	1,140	10,200	NA	16,000
17	198	245	199	193	197	907	1,030	1,120	10,200	NA	16,000
18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
19	200	246	201	197	202	864	1,080	1,120	10,200	NA	18,000
20	196	246	200	196	213	888	1,050	1,100	10,200	NA	17,000
21	198	247	200	180	204	1,010	1,070	1,110	10,200	NA	14,000
22	199	246	202	183	189	1,000	1,050	1,110	10,200	NA	17,000
23	201	248	200	180	197	1,030	1,060	1,110	10,200	NA	14,000
24	197	247	200	206	199	1,050	1,060	1,120	10,200	NA	15,000
AVERAGE	199	245	200	194	201	914	934	1,090	10,300	NA	16,900

NOTE:

- * Groundwater processed = stripper flow x stripper flow duration (per 20 minute run).

TABLE 8

OLD BETHPAGE LANDFILL
GROUNDWATER TREATMENT FACILITY

SUMMARY OF AIR STRIPPER AMMONIA EMISSIONS
Second Quarter Test Results

TEST	SAMPLE ID	STRIPPER WATER AMMONIA CONC. (mg/l)	STRIPPER INFLUENT EFFLUENT FLOW RATE (lpm)	MASS FLOW RATE (lb/hr)	AVG. AIR STRIPPER MASS EMISSION RATES	
					(lb/hr)	(ug/m3)
4	Inlet -1	6.6	3,550	3.10		
	Outlet -1	7.4	3,550	3.47	-0.37	-11,300
	Inlet-2	7.8	3,550	3.66		
	Outlet-2	7.0	3,550	3.29	0.37	11,300
5	Inlet-3	8.0	3,220	3.41		
	Outlet-3	7.2	3,220	3.07	0.34	10,400
	Inlet-4	6.6	3,220	2.81		
	Outlet-4	6.8	3,220	2.90	-0.09	-2,760
6	Inlet-5	7.4	2,840	2.78		
	Outlet-5	7.0	2,840	2.63	0.15	4,600
	Inlet-6	7.0	2,840	2.63		
	Outlet-6	7.6	2,840	2.83	-0.23	-7,050
AVERAGE					0.03	865

NOTE: Influent and effluent water flows were found to be essentially the same.

TABLE 9

OLD BETHPAGE LANDFILL
GROUNDWATER TREATMENT FACILITY

COMPARISON OF AIR STRIPPER EMISSION CONCENTRATIONS
USING TWO INDEPENDENT METHODS
Second Quarter Test Results

CONSTITUENT	WATER INFLUENT CONCENTRATION (ug/l)	WATER EFFLUENT CONCENTRATION (ug/l)	STACK EXHAUST CONCENTRATION (ng/l)	VOST STACK EXHAUST CONCENTRATION (ng/l)	RATIO WATER/VOST
Benzene	5.7	<1	>68.4	195	>0.35
Bromodichloromethane	<1	<1			
Bromoform	<2	<1			
Carbon Tetrachloride	<1	<1			
Chlorobenzene	<1	<1			
Chloroethane	1.9	<1	>13.1	<67.3	>0.19
Chloroform	<1	<1			
Dibromochloromethane	<1	<1			
1,2-Dichlorobenzene	<2	<2			
1,3-Dichlorobenzene	<2	<2			
1,4-Dichlorobenzene	<2	<2			
1,1-Dichloroethane	11	<1	>146	385	>0.38
1,2-Dichloroethane	<1	<1			
1,1-Dichloroethene	<1	<0.07			
1,2-Dichloroethenes*	65	1	932	1,230	0.76
1,2-Dichloropropane	<1	<1			
Ethylbenzene	<1	<1			
Methylene Chloride	4.5	<1	>51.0	120	>0.43
Tetrachloroethene	110	<1	>1,590	5,770	>0.28
Toluene	<2	<2			
1,1,1-Trichloroethane	2.5	<1	>21.8	74.5	>0.29
Trichloroethene	10	<1	>131	385	>0.34
Vinyl Chloride	5.4	<1	>64.1	<67.3	>0.95
Xylenes (Total)	<7.8	<6.0	>23.3	132	>0.18

NOTES:

- ug/l = micrograms per liter of water.
- ng/l = nanograms per liter of air leaving tower.
- Exhaust Concentration: Concentration in ng/l based on water samples
- VOST Exhaust Concentration: Concentration in ng/l based on VOST sample run S-14 collected at the air stripper stack.
- Ratio Water/VOST: Ratio of water derived emission estimate vs. stack test VOST emission estimate.
- Water test 9/23/92 results provided by EcoTest Laboratories, Inc.
- 1,2-Dichloroethenes - Water results reported as 1,2-Dichloroethene. VOST results reported total for both C_{is} (1,230 ug/l) and Trans (non-detected) isomers. The C_{is} isomer was tentatively identified via VOST.

TABLE 10

OLD BETHPAGE LANDFILL
GROUNDWATER TREATMENT FACILITY

COMPARISON OF APPLICABLE DISCHARGE
REQUIREMENTS FOR AIR STRIPPER TREATMENT SYSTEM
WITH STACK TEST RESULTS
Second Quarter Test Results

CONSTITUENT	STACK TEST DISCHARGE CONCENTRATION* (ug/m3)	STACK DISCHARGE REQUIREMENTS** (ug/m3)
Ammonia	865*	360
Benzene	188*	100
Bromodichloromethane		0.03
Bromoform		16.7
Carbon Tetrachloride		100
Chlorobenzene		1,170
Chloroethane		52,000
Chloroform		167
Dibromochloromethane		0.03
1,2-Dichlorobenzene (o)		1,000
1,3-Dichlorobenzene (m)		0.03
1,4-Dichlorobenzene (p)		1,500
1-1-Dichloroethane	343	2,700
1,2-Dichloroethane		20
1,2-Dichloroethenes***	1,050	2,630****
1,1-Dichloroethene		66.7
1,2-Dichloropropane		1,170
Ethylbenzene		1,450
Freon 13***		0.03
Methylene Chloride	<112	1,170
Tetrachloroethene	5,710*	1,120
Toluene		7,500
1,1,1-Trichloroethane	<84.2	38,000
Trichloroethene	381	900
Vinyl Chloride	<81.2*	0.4
Xylenes (Total)	145	1,450

NOTES:

- Stack test discharge concentrations are derived from VOST tests.
- All blank values are below the Lower Quantitation Limit (74.1 ug/m3).
- * Values in shaded areas exceed applicable air discharge requirements.

** As per of the Final Consent Decree (Table 1).

*** Tentatively Identified Compound (TIC).

**** Total of cis and trans isomers.

TABLE 11

OLD BETHPAGE LANDFILL
GROUNDWATER TREATMENT FACILITY

MAXIMUM ANNUAL IMPACTS BASED ON AIR EMISSION TESTS
Second Quarter Test Results

CONSTITUENT	EMISSION RATES (g/s)	MAXIMUM ANNUAL IMPACT**	PREVIOUS AGCs**	CURRENT AGCs**
Ammonia	0.00378	0.0256	360	360
Benzene	0.000764	0.00517	100	0.12
Bromodichloromethane			0.03	0.02
Bromoform			11.9	12
Carbon Tetrachloride			100	0.07
Chlorobenzene			1,170	20
Chloroethane			52,000	63,000
Chloroform			167	23
Dibromochloromethane			0.03	0.1
1,2-Dichlorobenzene (o)			1,000	200
1,3-Dichlorobenzene (m)			714	200
1,4-Dichlorobenzene (p)				700
1,1-Dichloroethane	0.00141	0.00955	9,524	500
1,2-Dichloroethane			0.2	0.039
1,1-Dichloroethene			68.7	0.02
cis-1,2-Dichloroethene *	0.00432	0.0292	1,880	1,900
trans-1,2-Dichloroethene			360	360
1,2-Dichloropropane			833	0.15
Ethylbenzene			1,450	1,000
Freon 13*			133,333	530
Methylene Chloride	<0.00046	<0.00311	1,170	27
Tetrachloroethene	0.0235	0.159*	1,120	0.075
Toluene			7,500	2,000
Xylenes (Total)	0.000596	0.00403	1,450	300
1,1,1-Trichloroethane	<0.000346	<0.00234	38,000	1,000
Trichloroethene	0.00157	0.0106	900	0.45
Vinyl Chloride	<0.000334	<0.00226	0.4	0.02

NOTES:

- All blank Emission Rate values are less than or equal to 0.00025 g/s.
- All blank Maximum Annual Impact values are less than or equal to 0.00176 ug/m3.
- Maximum annual impacts are based on the maximum annual normalized impact of 6.77 micrograms per cubic meter (ug/m3).
- Ammonia emission rate is based on the water sample results.
- Values in shaded areas exceed current and/or previous AGCs.
- * Freon 13 and the cis isomer of 1,2-Dichloroethene are Tentatively Identified Compounds (TICs)
- ** Concentrations are in micrograms per cubic meter (ug/m3).

AGCs= Annual Guideline Concentrations

TABLE 12

OLD BETHPAGE LANDFILL
GROUNDWATER TREATMENT FACILITY

MODELING VALIDATION RESULTS
Second Quarter Test Results

COMPOUNDS	AMBIENT AIR SAMPLING RESULTS			MODELING RESULTS		RATIO*
	BACKGROUND	DOWNWIND	MEASURED IMPACT	BACKGROUND	MODELED IMPACT	
Tetrachloroethylene	0.0	0.978	0.978	0	0.346	2.83

NOTES:

- All concentrations are in micrograms per cubic meter.
- Model impacts are based on the normal impact of 14.73 micrograms per cubic meter.
- * Ratio of measured impact to modeled impact.

APPENDIX G

"QUARTERLY MONITORING REPORT THIRD QUARTER RESULTS"
FEBRUARY, 1993

TABLES (continued)

6. Third (Operational) Quarter Results of Analyses for Dissolved (Filtered) Metals in Ground-Water Samples Collected from October 5 Through October 8, 1992, Old Bethpage Landfill, Old Bethpage, New York.
7. Third (Operational) Quarter Results of Analyses for Total (Unfiltered) Metals in Ground-Water Samples Collected from October 5 Through October 8, 1992, Old Bethpage Landfill, Old Bethpage, New York.

FIGURES

1. Configuration of the Water-Table Surface on October 5, 1992 in the Vicinity of the Old Bethpage Landfill, Old Bethpage, New York.
2. Configuration of the Shallow Potentiometric Surface on October 5, 1992 in the Vicinity of the Old Bethpage Landfill, Old Bethpage, New York.
3. Configuration of the Deep Potentiometric Surface on October 5, 1992 in the Vicinity of the Old Bethpage Landfill, Old Bethpage, New York.
4. Configuration of the Water-Table Surface on November 2, 1992 in the Vicinity of the Old Bethpage Landfill, Old Bethpage, New York.
5. Configuration of the Shallow Potentiometric Surface on November 2, 1992 in the Vicinity of the Old Bethpage Landfill, Old Bethpage, New York.
6. Configuration of the Deep Potentiometric Surface on November 2, 1992 in the Vicinity of the Old Bethpage Landfill, Old Bethpage, New York.
7. Configuration of the Water-Table Surface on December 1, 1992 in the Vicinity of the Old Bethpage Landfill, Old Bethpage, New York.
8. Configuration of the Shallow Potentiometric Surface on December 1, 1992 in the Vicinity of the Old Bethpage Landfill, Old Bethpage, New York.
9. Configuration of the Deep Potentiometric Surface on December 1, 1992 in the Vicinity of the Old Bethpage Landfill, Old Bethpage, New York.
10. Approximate Distribution of Volatile Halogenated Organics in October 1992, Old Bethpage Landfill, Old Bethpage, New York.

CONTENTS

	<u>Page</u>
INTRODUCTION	1
WATER-LEVEL MEASUREMENTS AND MAPPING	2
OCTOBER 1992 WATER-LEVEL ELEVATIONS	4
NOVEMBER 1992 WATER-LEVEL ELEVATIONS	5
DECEMBER 1992 WATER-LEVEL ELEVATIONS	6
GROUND-WATER SAMPLING AND CONTAMINANT DISTRIBUTION	6
VOLATILE ORGANIC COMPOUND PLUME	7
INORGANIC COMPOUND PLUME	9
POSSIBLE SOURCES OF VOLATILE ORGANIC COMPOUNDS	10
FINDINGS AND CONCLUSIONS	10
RECOMMENDATIONS	12
REFERENCES	13

TABLES

1. Water-Level Data Collected on October 5, 1992, Old Bethpage Landfill, Old Bethpage, New York.
2. Water-Level Data Collected on November 2, 1992, Old Bethpage Landfill, Old Bethpage, New York.
3. Water-Level Data Collected on December 1, 1992, Old Bethpage Landfill, Old Bethpage, New York.
4. Well Construction Details, Old Bethpage Landfill, Old Bethpage, New York.
5. Third (Operational) Quarter Results of Analyses for Volatile Organic Compounds in Ground-Water Samples Collected from October 5 Through October 8, 1992, Old Bethpage Landfill, Old Bethpage, New York.

**QUARTERLY MONITORING REPORT
THIRD (OPERATIONAL) QUARTER RESULTS
OLD BETHPAGE LANDFILL
GROUND-WATER REMEDIATION PROGRAM
OLD BETHPAGE, NEW YORK**

February 1993

Prepared for

Lockwood, Kessler & Bartlett, Inc.
One Aerial Way
Syosset, New York 11791

and

Town of Oyster Bay
Oyster Bay, New York 11771

Prepared by

Geraghty & Miller, Inc.
125 East Bethpage Road
Plainview, New York 11803
(516) 249-7600

**QUARTERLY MONITORING REPORT
THIRD (OPERATIONAL) QUARTER RESULTS
OLD BETHPAGE LANDFILL
GROUND-WATER REMEDIATION PROGRAM
OLD BETHPAGE, NEW YORK**

INTRODUCTION

Geraghty & Miller, Inc. has prepared this report at the request of Lockwood, Kessler & Bartlett, Inc. (LKB) and the Town of Oyster Bay to summarize and evaluate data collected at the Old Bethpage Landfill, Old Bethpage, New York during the third quarter (October 1 through December 31, 1992) of the ground-water remediation system operation.

The ground-water remediation system at the Old Bethpage Landfill became operational on April 1, 1992. In accordance with the Remedial Action Plan (RAP) (Sullivan and Daggett 1988), Geraghty & Miller initiated monthly hydraulic monitoring approximately 30 days after system start-up and quarterly ground-water quality monitoring 3 months after system start-up. During the third quarter of system operation, three synoptic rounds of water-level measurements (October 5, November 2, and December 1, 1992) and one round of quarterly ground-water sampling (October 5 through 8, 1992) were conducted.

The purpose of the hydraulic monitoring is to (1) delineate the mounding effects (if any) in the vicinity of the recharge basin, and (2) delineate the effective capture zone of the recovery system (i.e., determine the effectiveness of the hydraulic containment system in exerting control over the volatile organic compound [VOC] plume). The purpose of the ground-water quality monitoring is to (1) assess the progress of ground-water cleanup, and (2) demonstrate whether the termination criteria set forth in the RAP have been met.

Water-level data collected during this quarter are summarized in Tables 1, 2, and 3; laboratory data are provided in Appendix A. Water Sampling Logs used to record observations and measurements taken during ground-water sampling are provided in Appendix B.

WATER-LEVEL MEASUREMENTS AND MAPPING

On October 5, November 2, and December 1, 1992, Geraghty & Miller collected synoptic water-level measurements from site monitoring wells; depth-to-water measurements and water-level elevations for these three rounds are summarized in Tables 1, 2, and 3, respectively. Well construction details are provided in Table 4. The ground-water recovery wells were operating during the October and November water-level measurement rounds; Well RW-2 was being repaired during the December round and was not operating. Pumpage records for the ground-water remediation system from October 1 through December 31, 1992 are summarized below.

<u>Dates</u>	<u>Estimated Average System Flow (gpm)</u>	<u>Comments</u>
10/1 - 10/8	1,050	All recovery wells on.
10/9 - 10/17	480	All recovery wells off for part of day.
10/18-10/20	1,060	All recovery wells on.
10/21	1,080	All recovery wells off for part of day.
10/22	1,085	All recovery wells on.
10/23	1,000	Recovery Well 5 off.
10/24	615	All recovery wells off for part of day.
10/25	0	All recovery wells off.
10/26	680	All recovery wells off for part of day.
10/27 - 11/2	1,095	All recovery wells on.
11/3	1,020	Recovery Well 2 off part of day.

<u>Dates</u>	<u>Estimated Average System Flow (gpm)</u>	<u>Comments</u>
11/4	1,020	All recovery wells on.
11/5	910	Recovery Well 2 off part of day.
11/6 - 11/21	825	Recovery Well 2 off.
11/22 - 11/23	535	All recovery wells off for part of day.
11/24 - 12/1	835	Recovery Well 2 off.
12/2 - 12/3	715	All recovery wells off for part of day.
12/4 - 12/6	830	Recovery Well 2 off.
12/7 - 12/12	415	All recovery wells off for part of day.
12/13 - 12/14	670	Recovery Wells 2 and 3 off.
12/15	880	Recovery Wells 2 and 3 off for part of day.
12/16	1,090	All recovery wells on.
12/17	1,080	All recovery wells on part of day.
12/18 - 12/23	1,040	All recovery wells on.
12/24	1,030	All recovery wells off for part of day.
12/25	0	All recovery wells off.
12/26	915	Recovery Wells 2 and 3 off for part of day.
12/27 - 12/31	1,080	All recovery wells on.

Water-level elevations, relative to mean sea level, were plotted for the water-table, shallow potentiometric, and deep potentiometric zones on the site base map. Where appropriate, lines of equal water-level elevation (contour lines), the approximate extent of the VOC plume, and limiting flow lines (flow lines that depict the effective capture zone of the system) were drawn on the maps. Contour lines were dashed where the data points are less than optimum, and limiting flow lines through these areas are approximate.

The water-table maps were prepared to determine if mounding is occurring in the vicinity of the recharge basin as a result of the treated water that is discharged there. The shallow and deep potentiometric zones were selected for water-level mapping because they incorporate the screened intervals of the recovery wells and the vertical extent of the VOC plume. Water-level elevation maps for the October 5, November 2, and December 1, 1992 rounds are shown on Figures 1 through 3, Figures 4 through 6, and Figures 7 through 9, respectively. Geraghty & Miller also reviewed monthly pumpage records for the system and for the individual recovery wells.

Water-level elevation data and limiting flow lines presented on Figures 2, 3, 5, 6, 8, and 9 indicate that current system pumpage, which averages approximately 1,065 gallons per minute (gpm) when the recovery well system is fully operational, is sufficient to create and maintain a capture zone that exerts effective hydraulic control over the VOC plume, both horizontally and vertically.

OCTOBER 1992 WATER-LEVEL ELEVATIONS

Contour maps depicting elevations of the water-table, and the shallow and deep potentiometric surfaces on October 5, 1992 are shown on Figures 1 through 3, respectively. Compared to earlier rounds conducted during the second quarter of the ground-water remediation system operation, as described in Geraghty & Miller's November 1992 report (Geraghty & Miller, Inc. 1992a), water-level elevations from the October 5, 1992 round revealed similar ground-water flow directions across the site. In general, ground-water

elevations observed in this round ranged from 70 ft above mean sea level (msl) (north of the site) to 55 ft above msl (south of the site), and the horizontal direction of ground-water flow was to the southeast across the site. This flow direction is similar to the regional flow direction reported by the U.S. Geological Survey (USGS) (Doriski 1987).

The data presented on Figure 1 indicate a localized mounding of the water table immediately adjacent to the recharge basin, which receives treated water from the ground-water remediation system. Similar mounding was observed during the second quarter of system operation. Water-level elevation data for the October 1992 round indicate an overall decline of approximately 0.5 ft across the site, compared to data collected in September 1992, and a decline of approximately 4 ft compared to data collected in October 1991 prior to system start-up (Geraghty & Miller, Inc. 1992a, 1992b). The water level could not be measured in Well 9A because the well screen is apparently damaged and gravel pack has entered the well.

NOVEMBER 1992 WATER-LEVEL ELEVATIONS

Contour maps depicting elevations of the water-table, shallow, and deep potentiometric surfaces on November 2, 1992 are shown on Figures 4 through 6, respectively. Compared to the October 5, 1992 round, water-level elevation data from the November round revealed similar ground-water elevations and flow directions across the site. The water level could not be measured in Well 9A, which appears to have a damaged well screen. Well M-29A was dry during the November round.

Localized mounding was observed during this round, immediately adjacent to the ground-water remediation system recharge basin (see Figure 4). Water-level elevation data for November 1992 show an approximate 0.2 ft decline in overall water-level elevations across the site compared to the October 1992 data.

DECEMBER 1992 WATER-LEVEL ELEVATIONS

Contour maps depicting elevations of the water table, and the shallow and deep potentiometric surfaces on December 1, 1992 are shown on Figures 7 through 9, respectively. Compared to the November 2, 1992 round, water-level elevations for December increased in the shallow and deep potentiometric zones in and adjacent to Well RW-2. This increase is most likely due to Well RW-2 being inoperable during the December round. However, as shown on Figures 8 and 9, hydraulic control of the VOC plume was maintained during this period. Except for the area around Well RW-2, the ground-water elevations and flow directions observed in the December 1, 1992 round were similar to those observed in the October and November 1992 rounds.

Localized mounding, immediately adjacent to the ground-water remediation system recharge basin, was observed this round (see Figure 7). Water-level elevation data for December 1992 show the same approximate water-level elevations across the site as the November 1992 data. As in the November round, the water level could not be measured in Well 9A, and Well M-29A was dry. In addition, the positioning of the submersible pumps in Wells 6A and 6B interfered with the measurement of water levels in these wells. In previous rounds, the water levels had been above the top of the pump and could be measured.

GROUND-WATER SAMPLING AND CONTAMINANT DISTRIBUTION

In accordance with requirements of the RAP (Sullivan and Daggett 1988), Geraghty & Miller conducted a quarterly round of ground-water quality sampling at the site between October 5 and 8, 1992. The analytical parameters and results obtained are presented in Tables 5 through 7. Laboratory data for this sampling round are provided in Appendix A. Water Sampling Logs used to record observations and measurements during ground-water sampling are provided in Appendix B.

Except as noted below, sample collection, equipment decontamination, and quality assurance/quality control (QA/QC) procedures used for the October 1992 round are identical to those used for previous site sampling events (Geraghty & Miller, Inc. 1986). Well M-30B was sampled as the upgradient monitoring well during this round because Well M-29A (used in previous rounds) was dry. As shown on Table 4, Wells M-29A and M-30B are screened in the water-table zone. Wells OBS-1 and M-30B are not equipped with dedicated sampling equipment and were evacuated and sampled using a stainless-steel submersible pump and Teflon bailer, respectively.

Because the ground-water recovery system was designed to capture and treat the VOC portion of the landfill plume, this report focuses on the analysis of the VOC data. Analysis of the leachate (inorganic) portion of the landfill plume is limited to a comparison to previously reported inorganic data and plume dimensions. Specifically, data collected during the October 1992 sampling round are compared to data for the July 1992 round and baseline data from the July/August 1991 sampling round (Geraghty & Miller, Inc. 1992a, 1992b).

VOLATILE ORGANIC COMPOUND PLUME

VOCs detected in the October 1992 sampling round depict a pattern of ground-water contamination similar to that described in previous Geraghty & Miller reports (Geraghty & Miller, Inc. 1986, 1992a, and 1992b), i.e., three groupings of VOCs located in specific portions of the study area. These include (1) volatile halogenated organics (VHOs), except tetrachloroethene; (2) aromatic hydrocarbons; and (3) tetrachloroethene.

Analytical results of the samples collected for VOC analysis during the October 1992 sampling round are described below. In the first VOC grouping, the most dominant compounds detected, in terms of frequency and concentration, were 1,2-dichloroethene; trichloroethene; and 1,1-dichloroethane. Other VHOs were also detected, but in fewer wells and typically in concentrations of less than 10 micrograms per liter (ug/L). Well 8A had the

FIGURES (Continued)

11. Approximate Distribution of Aromatic Hydrocarbons in October 1992, Old Bethpage Landfill, Old Bethpage, New York.
12. Approximate Distribution of Tetrachloroethene in October 1992, Old Bethpage Landfill, Old Bethpage, New York.

APPENDICES

- A. Laboratory Data Reports.
- B. Water Sampling Logs.

highest concentration of total VHOs detected, followed by Wells 7B, OBS-1, 6E, and 8B. In general, concentrations of total VHOs detected in the October 1992 round were less than those detected in the July 1992 round; however, the concentrations of VHOs in some wells did increase in October 1992 compared to July 1992 data. For example, although concentrations of 1,2-dichloroethene ranged from not detected to 250 ug/L in the July 1992 round and ranged from not detected to 80 ug/L in the October 1992 round, the concentration of 1,2-dichloroethene increased in Wells 7B and OBS-1 in October 1992. In addition, concentrations of trichloroethene; 1,1,1-trichloroethane; and 1,1-dichloroethane were generally lower in October 1992 compared to the July 1992 data (Geraghty & Miller, Inc. 1992a).

Figure 10 illustrates the approximate lateral extent of VHOs in October 1992, and is similar to that the data reported by Geraghty & Miller in July 1992 and July/August 1991 (baseline round) (Geraghty & Miller, Inc. 1992a, 1992b).

The second VOC grouping, aromatic hydrocarbons (consisting of benzene, ethylbenzene, chlorobenzene, p-dichlorobenzene, and o-dichlorobenzene), was detected in a more limited area than the first VOC grouping. The highest concentrations of aromatic hydrocarbons were detected in Well Cluster 6 and Well 9C. In general, total concentrations of aromatic hydrocarbons detected in the October 1992 round were less than those detected in the July 1992 round. For example, concentrations of benzene ranged from not detected to 55 ug/L in July 1992 and ranged from not detected to 12 ug/L in the October 1992 round. Exceptions to this pattern are Wells 6E and 9C, in which the concentrations of total aromatic hydrocarbons increased compared to the July 1992 round (Geraghty & Miller, Inc. 1992a).

Figure 11 illustrates the approximate lateral extent of aromatic hydrocarbons in October 1992. The lateral extent of aromatic hydrocarbons has decreased when compared to the July 1992 and July/August 1991 rounds, due to the absence of aromatic hydrocarbons in Well OBS-1 (Geraghty & Miller, Inc. 1992a, 1992b).

X The third VOC grouping, tetrachloroethene, exhibits a very different distribution than the first two VOC groupings. Figure 12 illustrates the approximate lateral extent of tetrachloroethene in October 1992. The October 1992 lateral extent for tetrachloroethene is similar to the two separate plumes (east and west) apparent from the July 1992 and July/August 1991 (baseline round) data. The highest concentration of tetrachloroethene was detected in Well 7B, followed by Wells 8A and OBS-1. Concentrations of tetrachloroethene detected in the October 1992 round increased in Well 7B from 230 to 340 ug/L and decreased in Wells 8A and OBS-1 from 360 ug/L to 260 ug/L and 13 to 12 ug/L, respectively, when compared with July 1992 data (Geraghty & Miller, Inc. 1992a, 1992b).

INORGANIC COMPOUND PLUME

Inorganic data collected during the October 1992 ground-water quality sampling round are summarized in Tables 6 and 7. As described in previous reports (Geraghty & Miller, Inc. 1986, 1992a, and 1992b), the leachate (inorganic) portion of the landfill plume is a body of ground water that has been impacted by the dissolution of compounds derived from the decomposition of sanitary wastes placed in the landfill. The extent of the landfill leachate plume has previously been determined to be an area in which the following leachate indicators are present above background values in site monitoring wells: alkalinity, ammonia, chloride, hardness, iron, manganese, pH, potassium, specific conductance, and zinc. In general, leachate indicators detected in total (unfiltered) samples from the October 1992 round depict a similar distribution to the July 1992 round. 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, hardness, iron, alkalinity, chloride, pH, and specific conductance detected in the October 1992 round were found in Well Clusters 5 and 6, and Well 9C. Manganese and zinc were detected at their highest

concentrations in the October 1992 round in Wells M-30B and OBS-1, respectively. Concentrations of the leachate indicators in the October 1992 round have remained consistent with the results from the July 1992 round (Geraghty & Miller, Inc. 1992a).

POSSIBLE SOURCES OF VOLATILE ORGANIC COMPOUNDS

As previously described by Geraghty & Miller (Geraghty & Miller, Inc. 1986, 1992a, 1992b), historical water-quality data for the site indicate that a portion of the observed VOC contamination may be potentially attributable to sources upgradient of the off-site monitoring wells. These sources include the industrial area north of the Bethpage State Park (which includes the Claremont Polychemical site, a U.S. Environmental Protection Agency [USEPA] National Priority List site) and the Nassau County Fireman's Training Center, located northwest of the Bethpage State Park.

Although the monitoring wells sampled in accordance with the RAP (Sullivan and Daggett 1988) were installed to identify contamination attributable to the Old Bethpage Landfill, the distribution of VOCs and the ground-water flow direction from the fourth quarter 1992 support the findings of previous reports (Geraghty & Miller, Inc. 1986, 1992a, 1992b) that a portion of the VOC contamination detected at the site may be attributable to upgradient sources. In general, a comparison of July and October 1992 water-quality data for wells located downgradient of the potential sources (Wells 5B, 7B, 8A, and OBS-1) indicates an overall decrease in the concentrations of total VHOs and total aromatic hydrocarbons, and no change in the concentrations of tetrachloroethene.

FINDINGS AND CONCLUSIONS

1. Water-level elevation data presented in this report indicate that current system pumpage, which averages approximately 1,065 gpm when the recovery well system is fully operational, is sufficient to create and maintain a capture zone that exerts effective hydraulic control over the VOC plume, both horizontally and vertically.

2. Pumpage data indicate that the ground-water recovery system was fully operational for approximately 32 days of the 92-day reporting period.
3. An overall decline in water-level elevation across the site of approximately 0.5 ft was observed between the September 14, 1992 and the October 5, 1992 water-level measurement rounds. An overall decline in water-level elevation of approximately 0.2 ft across the site was observed between the October 5, 1992 and the November 2 and December 1, 1992 water-level measurement rounds. An approximate 4 ft overall decline in water-level elevation was observed between the October 31, 1991 baseline water-level measurement round and the December 1, 1992 round.
4. Data presented in this report indicate a localized mounding of the water table immediately adjacent to the recharge basin, which receives treated water from the ground-water remediation system.
5. Although a few exceptions exist, concentrations of VHOs and aromatic hydrocarbons detected in the October 1992 sampling round are generally lower than those detected in the July 1992 sampling round.
6. Compared to the July 1992 data, the concentrations of tetrachloroethene detected in the October 1992 sampling round increased in Well 7B and decreased in Well 8A. The total concentration of tetrachloroethene detected in site monitoring wells was similar for these two sampling rounds.
7. Concentrations of inorganic compounds detected in the October 1992 sampling round are similar to those detected in the July 1992 sampling round.

Table 1. Water-Level Data Collected on October 5, 1992, Old Bethpage Landfill, Old Bethpage, New York.

Well Designation	Time	Elevation of Measuring Point (feet above mean sea level)	Depth to Water (feet below measuring point)	Water-Level Elevation (feet above mean sea level)	Remarks
5A	10:11	137.13	73.37	63.76	
5B	10:06	138.43	74.65	63.78	
6A	10:19	160.24	96.66	63.58	
6B	10:23	160.39	96.77	63.62	
6C	10:31	159.99	96.24	63.75	
6D	10:28	160.39	96.81	63.58	
6E	10:24	160.88	96.34	64.54	
6F	10:34	159.88	96.73	63.15	
7A	10:27	148.44	88.02	60.42	
7B	11:31	147.94	89.13	58.81	
8A	10:41	134.94	70.06	64.88	
8B	10:43	134.24	69.32	64.92	
8C	10:39	135.72	70.96	64.76	
9A (1)	11:51	153.35	(1)	(1)	
9B	11:55	153.28	93.13	60.15	
9C	11:56	153.53	94.37	59.16	
9D	12:00	152.95	92.85	60.10	
10A	11:09	161.28	97.55	63.73	
10B	11:07	161.12	97.81	63.31	
10C	11:05	160.27	96.96	63.31	
10D	11:04	161.17	97.90	63.27	
11A	12:43	80.19	24.12	56.07	
11B	12:45	79.91	23.94	55.97	
M-29A	9:04	158.56	87.77	70.79	
M-29B	9:07	157.41	86.85	70.56	
M-30A	9:12	151.20	82.09	69.11	
M-30B	9:10	155.65	86.02	69.63	
N-9980	12:35	80.46	25.13	55.33	
LF-1	9:58	111.40	46.02	65.38	
LF-2	9:45	118.70	53.22	65.48	
LF-3	9:36	126.50	59.01	67.49	
LF-4	1:00	149.93	81.01	68.92	
OBS-1	12:20	110.20	50.15	60.05	
OBS-2	12:07	105.26	46.30	58.96	
RW-1	12:11	110.94	55.85	55.09	Pump on
RW-2	11:40	145.31	92.54	52.77	Pump on
RW-3	11:34	120.92	69.92	51.00	Pump on
RW-4	11:20	144.82	90.45	54.37	Pump on
RW-5	10:55	149.74	94.34	55.40	Pump on
TW-1	9:19	121.12	52.62	68.50	
TW-2	9:33	117.52	51.95	65.57	
TW-3	9:29	122.94	57.44	65.50	
Farm W.D. 1-3	(3)	--	26.50 (2)	--	Static
Farm W.D. 2-2	(3)	--	86.50 (2)	--	Static
Farm W.D. 2-3	(3)	--	38.00 (2)	--	Static
Recharge Basin	(3)	123.86	0.46	123.40	Staff Gauge

(1) Screen zone for Well 9A is apparently damaged and gravel pack has entered the well. Water level could not be measured.

(2) Accuracy is +/- 1.0 ft (Ott 1992a).

(3) Time not available.

-- Elevation unknown.

Table 2. Water-Level Data Collected on November 2, 1992, Old Bethpage Landfill, Old Bethpage, New York.

Well Designation	Time	Elevation of Measuring Point (feet above mean sea level)	Depth to Water (feet below measuring point)	Water-Level Elevation (feet above mean sea level)	Remarks
5A	10:27 AM	137.13	73.67	63.46	
5B	10:25 AM	138.43	74.99	63.44	
6A	10:38 AM	160.24	96.82	63.42	
6B	10:41 AM	160.39	97.04	63.35	
6C	10:51 AM	159.99	96.58	63.41	
6D	10:48 AM	160.39	97.08	63.31	
6E	10:46 AM	160.88	97.57	63.31	
6F	10:54 AM	159.88	96.90	62.98	
7A	11:45 AM	148.44	88.35	60.09	
7B	11:50 AM	147.94	88.76	59.18	
8A	11:02 AM	134.94	70.27	64.67	
8B	11:04 AM	134.24	69.52	64.72	
8C	11:06 AM	135.72	71.13	64.59	
9A (1)	12:06 PM	153.35	(1)	(1)	
9B	12:08 PM	153.28	93.45	59.83	
9C	12:15 PM	153.53	94.70	58.83	
9D	12:18 PM	152.95	91.86	61.09	
10A	11:32 AM	161.28	97.80	63.48	
10B	10:28 AM	161.12	97.93	63.19	
10C	11:25 AM	160.27	97.20	63.07	
10D	11:22 AM	161.17	98.09	63.08	
11A	12:43 PM	80.19	24.59	55.60	
11B	12:46 PM	79.91	24.41	55.50	
M-29A	9:30 AM	158.56	(2)	(2)	
M-29B	9:33 AM	157.41	87.03	70.38	
M-30A	9:39 AM	151.20	82.25	68.95	
M-30B	9:36 AM	155.65	86.17	69.48	
N-9980	1:01 PM	80.46	25.65	54.81	
LF-1	10:15 AM	111.40	46.28	65.12	
LF-2	10:06 AM	118.70	53.35	65.35	
LF-3	10:08 AM	126.50	59.11	67.39	
LF-4	1:12 PM	149.93	81.06	68.87	
OBS-1	12:33 PM	110.20	50.36	59.84	
OBS-2	12:20 PM	105.26	46.62	58.64	
RW-1	1:22 PM	110.94	55.67	55.27	Pump On
RW-2	12:04 PM	145.31	92.77	52.54	Pump On
RW-3	11:56 AM	120.92	70.05	50.87	Pump On
RW-4	11:40 AM	144.82	89.73	55.09	Pump On
RW-5	11:15 AM	149.74	93.66	56.08	Pump On
TW-1	9:43 AM	121.12	52.93	68.19	
TW-2	9:48 AM	117.52	52.08	65.44	
TW-3	9:52 AM	122.94	57.53	65.41	
Farm W.D. 1-3	(3)	—	27.00 (4)	—	Static
Farm W.D. 2-2	(3)	—	65.00 (4)	—	Static
Farm W.D. 2-3	(3)	—	39.00 (4)	—	Static
Recharge Basin	9:41 AM	125.86	1.22	124.64	Staff Gauge

- (1) Screen zone for Well 9A is apparently damaged and gravel pack has entered the well. Water level could not be measured.
(2) Well was dry.
(3) Time not available.
(4) Accuracy is +/- 1.0 ft (Ott 1992b).
— Elevation unknown.

Table 3. Water-Level Data Collected on December 1, 1992, Old Bethpage Landfill, Old Bethpage, New York.

Well Designation	Time	Elevation of Measuring Point (feet above mean sea level)	Depth to Water (feet below measuring point)	Water-Level Elevation (feet above mean sea level)	Remarks
5A	10:56	137.13	73.53	63.60	
5B	10:53	138.43	74.88	63.55	
6A	11:05	160.24	(4)	(4)	
6B	11:09	160.39	(4)	(4)	
6C	11:22	159.99	96.39	63.60	
6D	11:20	160.39	96.91	63.48	
6E	11:15	160.88	97.41	63.47	
6F	11:25	159.88	96.75	63.13	
7A	12:19	148.44	88.19	60.25	
7B	12:21	147.94	88.88	59.06	
8A	11:31	134.94	70.30	64.64	
8B	11:34	134.24	69.47	64.77	
8C	11:36	135.72	71.06	64.66	
9A (1)	(3)	153.35	(1)	(1)	
9B	17:41	153.28	92.50	60.78	
9C	12:43	153.53	93.35	60.18	
9D	(3)	152.95	92.64	60.31	
10A	11:56	161.28	97.83	63.45	
10B	11:54	161.12	98.08	63.04	
10C	12:03	160.27	97.05	63.22	
10D	12:00	161.17	97.97	63.20	
11A	1:30	80.19	24.20	55.99	
11B	1:35	79.91	23.95	55.96	
M-29A	9:50	158.56	(2)	(2)	
M-29B	9:55	157.41	87.08	70.33	
M-30A	10:05	151.20	82.27	68.93	
M-30B	10:02	155.65	86.18	69.47	
N-9980	1:23	80.46	24.95	55.51	
LF-1	10:43	111.40	46.10	65.30	
LF-2	10:35	118.70	53.23	65.47	
LF-3	10:28	126.50	59.14	67.36	
LF-4	2:00	149.93	81.13	68.80	
OBS-1	1:10	110.20	50.15	60.05	
OBS-2	12:54	105.26	46.20	59.06	
RW-1	1:03	110.94	55.59	55.35	Pump on
RW-2	(3)	145.31	84.85	60.46	Pump off
RW-3	(3)	120.92	70.15	50.77	Pump on
RW-4	12:13	144.82	89.35	55.47	Pump on
RW-5	11:46	149.74	94.47	55.27	Pump on
TW-1	10:12	121.12	53.13	67.99	
TW-2	10:23	117.52	52.00	65.52	
TW-3	10:18	122.94	57.37	65.57	
Farm W.D. 1-3	(3)	—	26.00 (5)	—	Static
Farm W.D. 2-2	(3)	—	65.50 (5)	—	Static
Farm W.D. 2-3	(3)	—	37.00 (5)	—	Static
Recharge Basin	(3)	123.00	0.30	122.70	Staff gauge

(1) Screen zone for Well 9A is apparently damaged and gravel pack has entered the well. Water level could not be measured.

(2) Well was dry.

(3) Time not available.

(4) Depth to water could not be measured because water level was below the top of the dedicated pump.

(5) Accuracy is +/- 1.0 ft (ott 1992c).

— Elevation unknown.

Table 4. Well Construction Details, Old Bethpage Landfill, Old Bethpage, New York.

Well Designation	Well Diameter (inches)	Approximate Total Depth of Well (feet below land surface)	Measuring Point - Stickup (feet relative to land surface)	Measuring Point Elevation (feet above mean sea level)	Approximate Screen Interval (feet below land surface)	Approximate Elevation of Screen Zone (relative to msl)	Water-Level Map
5A	4	90	1.24	137.13	85-90	51-46	Water Table
5B	4	117	1.51	138.43	112-117	25-20	Shallow Potentiometric
6A	4	105	1.38	160.24	100-105	59-54	Water Table
6B	4	140	1.59	160.39	135-140	24-19	Shallow Potentiometric
6C	4	160	1.53	159.99	155-160	3-(-2)	Shallow Potentiometric (a)
6D	4	190	1.46	160.39	185-190	(-26)-(-31)	—
6E	4	250	1.48	160.88	245-250	(-86)-(-91)	Deep Potentiometric
6F	4	350	1.56	159.88	345-350	(-187)-(-192)	—
7A	4	90	1.52	148.44	75-90	72-57	Water Table
7B	4	235	1.04	147.94	230-235	(-83)-(-88)	Deep Potentiometric
8A	4	90	1.26	134.94	85-90	49-44	Water Table
8B	4	160	1.35	134.24	155-160	(-22)-(-27)	Shallow Potentiometric
8C	4	250	1.35	135.72	245-250	(-111)-(-116)	Deep Potentiometric
9A (d)	4	93	1.30	153.35	78-93	74-59	Water Table
9B	4	168	1.20	153.28	163-168	(-11)-(-16)	Shallow Potentiometric
9C	4	225	1.39	153.53	220-225	(-68)-(-73)	Deep Potentiometric
9D	4	316	1.44	152.95	311-316	(-160)-(-165)	—
10A	4	105	1.15	161.28	100-105	60-55	Water Table
10B	4	178	1.34	161.12	173-178	(-13)-(-18)	Shallow Potentiometric
10C	4	278	0.39	160.27	273-278	(-113)-(-118)	Deep Potentiometric
10D	4	314	1.27	161.17	309-314	(-149)-(-154)	Deep Potentiometric (a)
11A	4	140	1.31	80.19	135-140	(-56)-(-61)	—
11B	4	235	1.47	79.91	230-235	(-152)-(-157)	Deep Potentiometric
M-29A	2	89	1.2	158.26	NA	NA	Water Table
M-29B	2	97	2.4	157.41	NA	NA	Water Table
M-30A	2	90	1.7	151.20	NA	NA	Water Table
M-30B	2	98	2.1	155.65	NA	NA	Water Table

See page 2 for footnotes.

Table 4. Well Construction Details, Old Bethpage Landfill, Old Bethpage, New York.

Well Designation	Well Diameter (inches)	Approximate Total Depth of Well (feet below land surface)	Measuring Point Stickup (feet relative to land surface)	Measuring Point Elevation (feet above mean sea level)	Approximate Screen Interval (feet below land surface)	Approximate Elevation of Screen Zone (relative to msl)	Water-Level Map
N9980	3	58	0.0	80.46	50-55	30-25	Water Table and Shallow Potentiometric
OBS-1	4	195	NA	110.20	175-195	(-67)-(87)	Deep Potentiometric
OBS-2	4	190	NA	105.26	170-195	(-67)-(87)	Deep Potentiometric
LF-1	6	107	NA	111.40	102-107	8-3	Shallow Potentiometric
LF-2	6	115	NA	118.70	110-115	8-3	Shallow Potentiometric
LF-3	6	115	NA	126.50	110-115	16-11	Shallow Potentiometric
LF-4	6	123	NA	149.93	118-123	31-26	Shallow Potentiometric
RW-1	10	245	(-6.5)	110.94	140-245	(-23)-(-128)	Shallow and Deep Potentiometric
RW-2	10	271	(-6.46)	145.31	(b)	(c)	Shallow and Deep Potentiometric
RW-3	10	255	(-6.38)	120.92	163-255	(-36) - (-128)	Shallow and Deep Potentiometric
RW-4	10	250	(-6.49)	144.82	147-250	4 - (-99)	Shallow and Deep Potentiometric
RW-5	10	263	(-6.46)	149.74	153-263	3 - (-107)	Shallow and Deep Potentiometric
TW-1	2	58	2.14	121.12	43-58	76-61	Water Table
TW-2	2	58	2.17	117.52	43-58	72-57	Water Table
TW-3	2	59	1.79	122.94	44-59	77-62	Water Table

Water Table Wells screened from 76 feet to 43 feet above mean sea level (msl).

Shallow Potentiometric Wells screened from 30 feet above msl to 30 feet below msl.

Deep Potentiometric Wells screened from 65 feet to 157 feet below msl.

NA Not available.

-- Not applicable.

(a) This well was not used in water-level mapping.

(b) Screen interval is 149-169, 199-220, and 230-271 feet below land surface.

(c) Elevation of screen zone is 3(-17); (-47)-(-68); and (-78)-(-119) feet relative to mean sea level.

(d) Well screen is apparently damaged and gravel pack has entered the well.

Table 5. Third (Operational) Quarter Results of Analyses for Volatile Organic Compounds in Ground-Water Samples Collected From October 5 Through October 8, 1992, Old Bethpage Landfill, Old Bethpage, New York.

Sample Designation:	5B	6A	6B	6C	(6C)-Rep	6E
Sample Date:	10/7/92	10/7/92	10/7/92	10/7/92	10/7/92	10/7/92
Parameter (concentrations in ug/L)						
Chloromethane	<1	<1	<1	<1	<1	<1
Bromomethane	<1	<1	<1	<1	<1	<1
Dichlorodifluoromethane	<2	1.3 *	<1	<1	<2	<1
Vinyl chloride	<1	<1	<1	<1	<1	<1
Chloroethane	<1	<1	<1	<1	<1	<1
Methylene chloride	<1	<1	<1	<1	<1	<1
Trichlorofluoromethane	<2	<2	<1	<1	<2	<1
1,1-Dichloroethene	<1	<1	<1	<1	<1	<1
1,1-Dichloroethane	2	<1	<1	<1	<1	7
1,2-Dichloroethene	1	1	1	<1	<1	14
Chloroform	<1	<1	<1	<1	<1	<1
1,2-Dichloroethane	<1	<1	1	<1	<1	2
1,1,1-Trichloroethane	<1	<1	<1	<1	<1	<1
Carbon tetrachloride	<1	<1	<1	<1	<1	<1
Bromodichloromethane	<1	<1	<1	<1	<1	<1
1,2-Dichloropropane	<1	<1	<1	<1	<1	<1
trans-1,3-Dichloropropene	<2	<2	<1	<1	<2	<1
Trichloroethylene	<1	<1	<1	<1	<1	2
Chlorodibromomethane	<2	<2	<1	<1	<2	<1
1,1,2-Trichloroethane	<2	<2	<1	<1	<2	<1
cis-1,3-Dichloropropene	<2	<2	<1	<1	<2	<1
2-Chloroethylvinylether	<2	<2	<1	<1	<2	<1
Bromoform	<2	<2	<1	<1	<2	<1
1,1,2,2-Tetrachloroethane	<2	<2	<1	<1	<2	<1
Tetrachloroethene	<1	<1	<1	<1	<1	3
Chlorobenzene	2	<2	4	6	<2	4
1,3-Dichlorobenzene	<2	<2	<1	<1	<2	1
1,2-Dichlorobenzene	3	<2	8	2	<2	14
1,4-Dichlorobenzene	7	<2	15	7	<2	13
Benzene	3	<1	9	12	9	1
Toluene	<2	<2	<1	<1	<2	<1
Ethyl benzene	<1	<1	<1	<1	<1	<1
m-Xylene	<2	<2	<1	<1	<2	<1
o+p-Xylene	<4	<4	<2	<2	<4	<2
Total VOCs	18	2.3	38	27	9	61

ug/L Micrograms per liter.

VOCs Volatile organic compounds.

* Compound detected below normal detection limit.

All analyses performed by EcoTest Laboratories, North Babylon, New York.

Table 5. Third (Operational) Quarter Results of Analyses for Volatile Organic Compounds in Ground-Water Samples Collected From October 5 Through October 8, 1992, Old Bethpage Landfill, Old Bethpage, New York.

Sample Designation:	6F	7B	8A	8B	9B	9C
Sample Date:	10/7/92	10/6/92	10/6/92	10/6/92	10/8/92	10/8/92
Parameter (concentrations in ug/L)						
Chloromethane	<1	<1	<1	<1	<1	<1
Bromomethane	<1	<1	<1	<1	<1	<1
Dichlorodifluoromethane	<2	<2	<2	<2	<2	<1
Vinyl chloride	<1	8	1	<1	<1	<1
Chloroethane	<1	<1	<1	<1	<1	<1
Methylene chloride	<1	<1	<1	<1	<1	<1
Trichlorofluoromethane	<2	<2	<2	<2	<2	<1
1,1-Dichloroethene	<1	<1	<1	<1	<1	<1
1,1-Dichloroethane	<1	3	3	<1	<1	2
1,2-Dichloroethene	<1	76	80	<1	<1	2
Chloroform	<1	<1	<1	<1	<1	<1
1,2-Dichloroethane	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	<1	4	6	10	<1	<1
Carbon tetrachloride	<1	<1	<1	<1	<1	<1
Bromodichloromethane	<1	<1	<1	<1	<1	<1
1,2-Dichloropropane	<1	<1	<1	<1	<1	<1
trans-1,3-Dichloropropene	<2	<2	<2	<2	<2	<1
Trichloroethylene	<1	14	16	14	<1	<1
Chlorodibromomethane	<2	<2	<2	<2	<2	<1
1,1,2-Trichloroethane	<2	<2	<2	<2	<2	<1
cis-1,3-Dichloropropene	<2	<2	<2	<2	<2	<1
2-Chloroethylvinylether	<2	<2	<2	<2	<2	<1
Bromoform	<2	<2	<2	<2	<2	<1
1,1,2,2-Tetrachloroethane	<2	<2	<2	<2	<2	<1
Tetrachloroethene	<1	340	260	<1	<1	<1
Chlorobenzene	<2	<2	<2	<2	<2	6
1,3-Dichlorobenzene	<2	<2	<2	<2	<2	<1
1,2-Dichlorobenzene	<2	<2	<2	<2	<2	8
1,4-Dichlorobenzene	<2	<2	<2	<2	<2	16
Benzene	<1	<1	<1	<1	<1	4
Toluene	<2	<2	<2	<2	<2	<1
Ethyl benzene	<1	<1	<1	<1	<1	<1
m-Xylene	<2	<2	<2	<2	<2	<1
o+p-Xylene	<4	<4	<4	<4	<4	<2
Total VOCs	0	445	366	24	0	38

ug/L Micrograms per liter.

VOCs Volatile organic compounds.

* Compound detected below normal detection limit.

All analyses performed by EcoTest Laboratories, North Babylon, New York.

Table 5. Third (Operational) Quarter Results of Analyses for Volatile Organic Compounds in Ground-Water Samples Collected From October 5 Through October 8, 1992, Old Bethpage Landfill, Old Bethpage, New York.

Sample Designation:	11A	11B	OBS-1	M-30B	Field Blank 1	Trip Blank 1
Sample Date:	10/8/92	10/8/92	10/6/92	10/6/92	10/6/92	10/6/92
Parameter (concentrations in ug/L)						
Chloromethane	<1	<1	<1	<1	<1	<1
Bromomethane	<1	<1	<1	<1	<1	<1
Dichlorodifluoromethane	<2	<2	<2	<2	<2	<2
Vinyl chloride	<1	<1	3	<1	<1	<1
Chloroethane	<1	<1	<1	<1	<1	<1
Methylene chloride	<1	<1	<1	<1	<1	<1
Trichlorofluoromethane	<2	<2	<2	<2	<2	<2
1,1-Dichloroethene	<1	<1	<1	<1	<1	<1
1,1-Dichloroethane	<1	<1	2	<1	<1	<1
1,2-Dichloroethene	<1	<1	34	<1	<1	<1
Chloroform	<1	<1	<1	<1	<1	<1
1,2-Dichloroethane	<1	<1	4	<1	<1	<1
1,1,1-Trichloroethane	<1	<1	<1	<1	<1	<1
Carbon tetrachloride	<1	<1	<1	<1	<1	<1
Bromodichloromethane	<1	<1	<1	<1	<1	<1
1,2-Dichloropropane	<1	<1	<2	<1	<1	<1
trans-1,3-Dichloropropene	<2	<2	<2	<2	<2	<2
Trichloroethylene	<1	<1	2	<1	<1	<1
Chlorodibromomethane	<2	<2	<2	<2	<2	<2
1,1,2-Trichloroethane	<2	<2	<2	<2	<2	<2
cis-1,3-Dichloropropene	<2	<2	<2	<2	<2	<2
2-Chloroethylvinylether	<2	<2	<2	<2	<2	<2
Bromoform	<2	<2	<2	<2	<2	<2
1,1,2,2-Tetrachloroethane	<2	<2	<2	<2	<2	<2
Tetrachloroethene	<1	<1	12	<1	<1	<1
Chlorobenzene	<2	<2	<2	<2	<2	<2
1,3-Dichlorobenzene	<2	<2	<2	<2	<2	<2
1,2-Dichlorobenzene	<2	<2	<2	<2	<2	<2
1,4-Dichlorobenzene	<2	<2	<2	<2	<2	<2
Benzene	<1	<1	<1	<1	<1	<1
Toluene	<2	<2	<2	<2	<2	<2
Ethyl benzene	<1	<1	<1	<1	<1	<1
m-Xylene	<2	<2	<2	<2	<2	<2
o+p-Xylene	<4	<4	<4	<4	<4	<4
Total VOCs	0	0	57	0	0	0

ug/L Micrograms per liter.

VOCs Volatile organic compounds.

* Compound detected below normal detection limit.

All analyses performed by EcoTest Laboratories, North Babylon, New York.

Table 5. Third (Operational) Quarter Results of Analyses for Volatile Organic Compounds in Ground-Water Samples Collected From October 5 Through October 8, 1992, Old Bethpage Landfill, Old Bethpage, New York.

Sample Designation: Trip Blank 2		Trip Blank 3
Sample Date: 10/7/92		10/8/92
Parameter (concentrations in ug/L)		
Chloromethane	<1	<1
Bromomethane	<1	<1
Dichlorodifluoromethane	<2	<2
Vinyl chloride	<1	<1
Chloroethane	<1	<1
Methylene chloride	<1	<1
Trichlorofluoromethane	<2	<2
1,1-Dichloroethene	<1	<1
1,1-Dichloroethane	<1	<1
1,2-Dichloroethene	<1	<1
Chloroform	<1	<1
1,2-Dichloroethane	<1	<1
1,1,1-Trichloroethane	<1	<1
Carbon tetrachloride	<1	<1
Bromodichloromethane	<1	<1
1,2-Dichloropropane	<1	<1
trans-1,3-Dichloropropene	<2	<2
Trichloroethylene	<1	<1
Chlorodibromomethane	<2	<2
1,1,2-Trichloroethane	<2	<2
cis-1,3-Dichloropropene	<2	<2
2-Chloroethylvinylether	<2	<2
Bromoform	<2	<2
1,1,2,2-Tetrachloroethane	<2	<2
Tetrachloroethene	<1	<1
Chlorobenzene	<2	<2
1,3-Dichlorobenzene	<2	<2
1,2-Dichlorobenzene	<2	<2
1,4-Dichlorobenzene	<2	<2
Benzene	<1	<1
Toluene	<2	<2
Ethyl benzene	<1	<1
m-Xylene	<2	<2
o+p-Xylene	<4	<4
Total VOCs	0	0

ug/L Micrograms per liter.

VOCs Volatile organic compounds.

* Compound detected below normal detection limit.

All analyses performed by EcoTest Laboratories, North Babylon, New York.

Table 6. Third (Operational) Quarter Results of Analyses for Dissolved (Filtered) Metals in Ground-Water Samples Collected From October 5 Through October 8, 1992, Old Bethpage Landfill, Old Bethpage, New York.

Sample Designation:	5B	6A	6B	6C	(6C)-Rep	6E
Sample Date:	10/7/92	10/7/92	10/7/92	10/7/92	10/7/92	10/7/92
Parameter (concentrations in mg/L)						
Aluminum	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Copper	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Lead	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Manganese	0.84	0.06	0.46	0.22	0.21	0.60
Nickel	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Sodium	300	5.1	180	170	210	31
Zinc	<0.02	0.06	0.02	0.02	<0.02	0.06
Chromium	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Mercury	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025
Potassium	86	0.89	87	110	110	10
Magnesium	29	1.6	10	16	12	16
Calcium	34	2.2	7.9	19	19	30
Barium	0.13	<0.05	0.08	0.09	0.09	0.26
Iron	<0.05	0.68	26	21	21	0.69

mg/L Milligrams per liter.

NA Not analyzed.

All analyses performed by EcoTest Laboratories, North Babylon, New York.

Table 6. Third (Operational) Quarter Results of Analyses for Dissolved (Filtered) Metals in Ground-Water Samples Collected From October 5 Through October 8, 1992, Old Bethpage Landfill, Old Bethpage, New York.

Sample Designation:	6F	7B	8A	8B	9B	9C
Sample Date:	10/7/92	10/6/92	10/6/92	10/6/92	10/8/92	10/8/92
Parameter (concentrations in mg/L)						
Aluminum	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Copper	<0.02	<0.02	<0.02	<0.02	<0.02	0.02
Lead	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Manganese	0.04	0.21	0.20	1.0	0.22	0.16
Nickel	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Sodium	45	40	10	30	13	240
Zinc	0.04	0.04	0.03	0.06	<0.02	<0.02
Chromium	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Mercury	<0.00025	<0.00025	<0.00025	<0.00025	0.00067	<0.00025
Potassium	2.1	2.7	3.2	14	5.7	150
Magnesium	9.0	8.1	3.9	11	6.8	15
Calcium	20	15	15	33	9.6	8.2
Barium	0.12	0.14	0.08	0.32	0.09	0.09
Iron	<0.05	<0.05	0.11	1.0	<0.05	<0.05

mg/L Milligrams per liter.

NA Not analyzed.

All analyses performed by EcoTest Laboratories, North Babylon, New York.

Table 6. Third (Operational) Quarter Results of Analyses for Dissolved (Filtered) Metals in Ground-Water Samples Collected From October 5 Through October 8, 1992, Old Bethpage Landfill, Old Bethpage, New York.

Sample Designation:	11A	11B	OBS-1	M-30B	LF-1
Sample Date:	10/8/92	10/8/92	10/6/92	10/6/92	10/8/92
Parameter (concentrations in mg/L)					
Aluminum	<0.20	<0.20	<0.20	<0.20	NA
Copper	<0.02	<0.02	<0.02	<0.02	NA
Lead	<0.005	<0.005	<0.005	<0.005	NA
Manganese	<0.02	<0.02	0.27	0.21	2.0
Nickel	<0.10	<0.10	<0.10	<0.10	NA
Sodium	5.3	4.4	9.8	32	85
Zinc	<0.02	<0.02	0.45	0.05	NA
Chromium	<0.005	<0.005	<0.005	0.006	NA
Mercury	<0.00025	<0.00025	<0.00025	<0.00025	NA
Potassium	0.64	0.60	2.3	2.2	54
Magnesium	1.1	0.75	6.9	11	NA
Calcium	2.1	1.6	8.2	17	13
Barium	<0.05	<0.05	0.06	0.18	NA
Iron	<0.05	<0.05	<0.05	<0.05	1.4

mg/L Milligrams per liter.

NA Not analyzed.

All analyses performed by EcoTest Laboratories, North Babylon, New York.

Table 7. Third (Operational) Quarter Results of Analyses for Total (Unfiltered) Metals in Ground-Water Samples Collected From October 5 Through October 8, 1992, Old Bethpage Landfill, Old Bethpage, New York.

Sample Designation:	5B	6A	6B	6C	(6C)-Rep	6E
Sample Date:	10/7/92	10/7/92	10/7/92	10/7/92	10/7/92	10/7/92
Parameter (except as noted, concentrations in mg/L)						
Chloride	380	8	250	270	270	140
Ammonia	69	<0.05	68	84	87	5.4
Iron	0.07	0.86	25	23	23	0.71
Hardness	200	12	62	120	100	150
Alkalinity total	600	18	470	560	560	10
Phenols	<0.001	<0.001	<0.001	0.010	0.008	<0.001
Barium	0.10	<0.05	0.06	0.07	0.08	0.24
Aluminum	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Copper	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Lead	0.013	0.016	<0.005	<0.005	<0.005	0.046
Manganese	0.86	0.07	0.46	0.23	0.23	0.60
Nickel	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Sodium	300	4.4	200	190	200	33
Zinc	<0.02	0.06	<0.02	<0.02	<0.02	0.06
Chromium, hexavalent	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Chromium	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Mercury	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	0.00080
Potassium	81	0.83	90	98	100	10
Magnesium	29	1.6	10	16	13	16
Calcium	31	2.2	7.7	20	20	30
Total dissolved solids	1100	39	730	810	810	280
Nitrate	<0.5	<0.5	1.4	1.0	0.8	<0.5
Sulfate	60	<5	5	8	9	15
Carbonate alkalinity	0	0	0	0	0	0
Total kjeldahl nitrogen	74	1.2	70	89	92	7.2
Nitrogen	74	1.2	71	90	93	7.2
Bicarbonate alkalinity	600	18	470	560	560	10
Cyanide	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
pH (1) (2)	6.0	4.4	6.1	6.4	6.4	4.4
Specific conductivity (1) (3)	1,800	50	1,450	1,700	1,700	410

mg/L Milligrams per liter.

NA Not analyzed.

(1) Parameter measured in field by Geraghty & Miller, Inc.

(2) pH units.

(3) Units equal umhos/cm.

Except as noted all analyses performed by EcoTest Laboratories, North Babylon, New York.

Table 7. Third (Operational) Quarter Results of Analyses for Total (Unfiltered) Metals in Ground-Water Samples Collected From October 5 Through October 8, 1992, Old Bethpage Landfill, Old Bethpage, New York.

Sample Designation:	6F	7B	8A	8B	9B	9C
Sample Date:	10/7/92	10/6/92	10/6/92	10/6/92	10/8/92	10/8/92
Parameter (except as noted, concentrations in mg/L)						
Chloride	130	96	21	130	22	390
Ammonia	<0.05	<0.05	1.7	1.7	1.8	105
Iron	<0.05	1.6	0.17	1.0	0.05	<0.05
Hardness	84	64	52	130	56	87
Alkalinity total	4	14	26	8	10	640
Phenols	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Barium	0.10	0.11	0.08	0.32	0.08	0.08
Aluminum	<0.20	0.43	<0.20	<0.20	<0.20	<0.20
Copper	<0.02	<0.02	<0.02	<0.02	<0.02	0.02
Lead	0.008	<0.005	<0.005	<0.005	<0.005	<0.005
Manganese	0.03	0.21	0.20	1.0	0.22	0.17
Nickel	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Sodium	43	31	10	31	13	250
Zinc	<0.02	0.03	0.02	0.07	<0.02	<0.02
Chromium, hexavalent	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Chromium	<0.005	0.006	<0.005	<0.005	<0.005	<0.005
Mercury	<0.00025	<0.00025	<0.00025	<0.00025	0.00097	0.00043
Potassium	2.1	2.4	3.2	14	5.6	140
Magnesium	9.0	7.7	4.0	11	7.7	16
Calcium	19	13	14	34	9.6	8.5
Total dissolved solids	240	250	110	320	120	1100
Nitrate	1.6	2.8	<0.5	<0.05	4.3	<0.5
Sulfate	<5	8	31	19	35	14
Carbonate alkalinity	0	0	0	0	0	0
Total kjeldahl nitrogen	1.2	0.8	1.0	1.8	4.0	120
Nitrogen	2.8	3.6	1.0	1.8	8.3	120
Bicarbonate alkalinity	4	14	26	8	10	640
Cyanide	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
pH (1) (2)	4.1	4.9	4.5	4.6	4.5	6.2
Specific conductivity (1) (3)	330	280	150	410	160	2,000

mg/L Milligrams per liter.

NA Not analyzed.

(1) Parameter measured in field by Geraghty & Miller, Inc.

(2) pH units.

(3) Units equal umhos/cm.

Except as noted all analyses performed by EcoTest Laboratories, North Babylon, New York.

Table 7. Third (Operational) Quarter Results of Analyses for Total (Unfiltered) Metals in Ground-Water Samples Collected From October 5 Through October 8, 1992, Old Bethpage Landfill, Old Bethpage, New York.

Sample Designation:	11A	11B	OBS-1	M-30B	LF-1
Sample Date:	10/8/92	10/8/92	10/6/92	10/6/92	10/8/92
Parameter (except as noted, concentrations in mg/L)					
Chloride	7	6	21	72	110
Ammonia	0.25	<0.05	0.16	<0.05	39
Iron	<0.05	<0.05	0.34	340	1.6
Hardness	9.2	7.1	43	100	96
Alkalinity total	6	4	22	30	300
Phenols	<0.001	<0.001	<0.001	<0.001	NA
Barium	<0.05	<0.05	<0.05	3.8	NA
Aluminum	<0.20	<0.20	<0.20	160	NA
Copper	<0.02	<0.02	<0.02	0.18	NA
Lead	<0.005	<0.005	<0.005	0.15	NA
Manganese	<0.02	0.02	0.24	3.9	2.0
Nickel	<0.10	<0.10	<0.10	<0.10	NA
Sodium	5.2	4.2	7.2	27	85
Zinc	<0.02	<0.02	0.49	0.21	NA
Chromium, hexavalent	<0.02	<0.02	<0.02	<0.02	NA
Chromium	<0.005	<0.005	<0.005	0.25	NA
Mercury	<0.00025	<0.00025	<0.00025	<0.00025	NA
Potassium	0.63	0.59	1.9	8.1	59
Magnesium	0.97	0.76	6.3	15	NA
Calcium	2.1	1.6	6.9	18	13
Total dissolved solids	36	29	100	210	390
Nitrate	2.7	1.8	1.4	4.8	<0.5
Sulfate	<5	<5	23	33	38
Carbonate alkalinity	0	0	0	0	0
Total kjeldahl nitrogen	0.8	1.2	1.0	1.4	41
Nitrogen	3.5	3.0	2.4	6.2	NA
Bicarbonate alkalinity	6	4	22	30	300
Cyanide	<0.02	<0.02	<0.02	<0.02	NA
pH (1) (2)	4.3	4.6	5.2	4.3	5.9
Specific conductivity (1) (3)	40	40	130	295	950

mg/L Milligrams per liter.

NA Not analyzed.

(1) Parameter measured in field by Geraghty & Miller, Inc.

(2) pH units.

(3) Units equal umhos/cm.

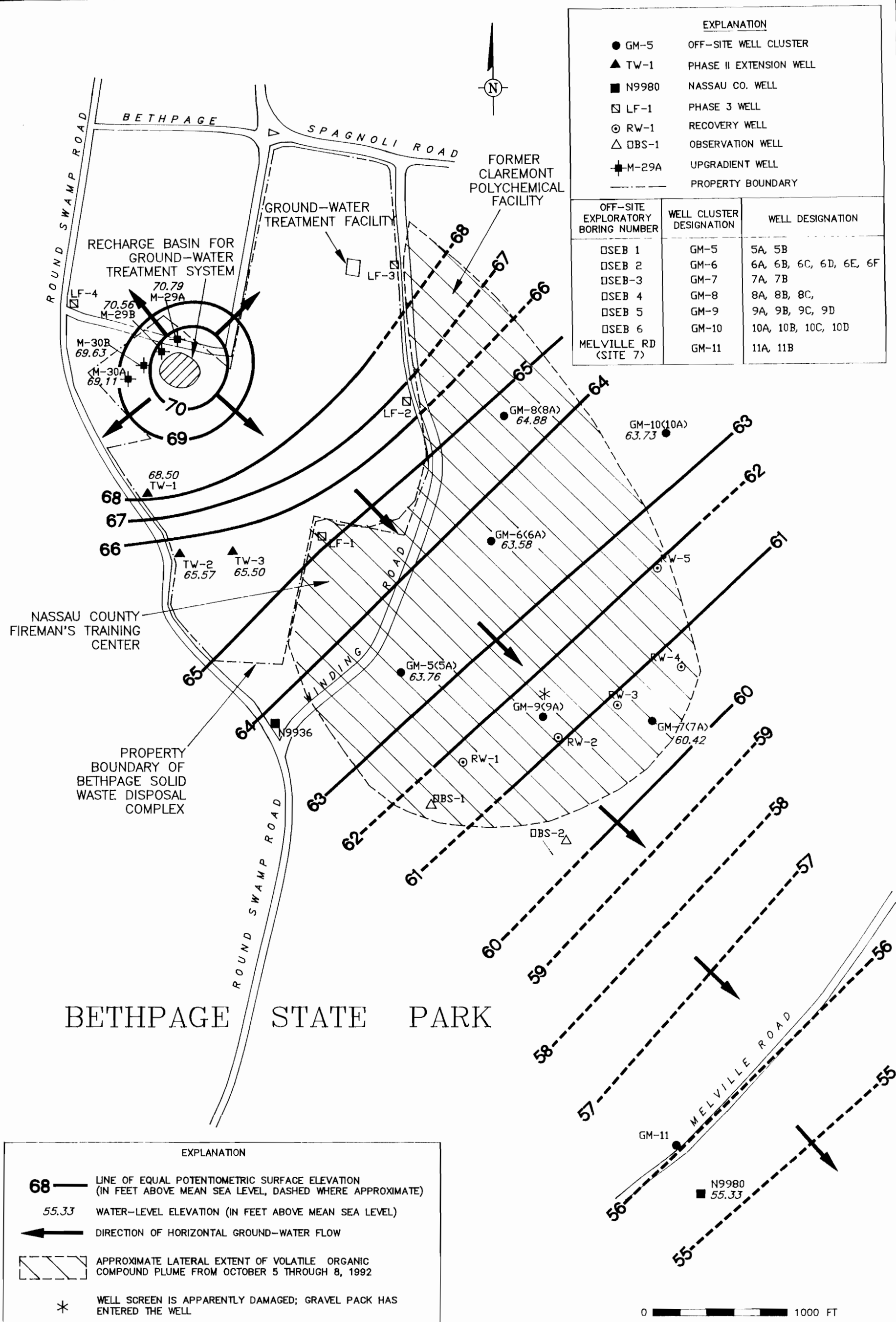
Except as noted all analyses performed by EcoTest Laboratories, North Babylon, New York.

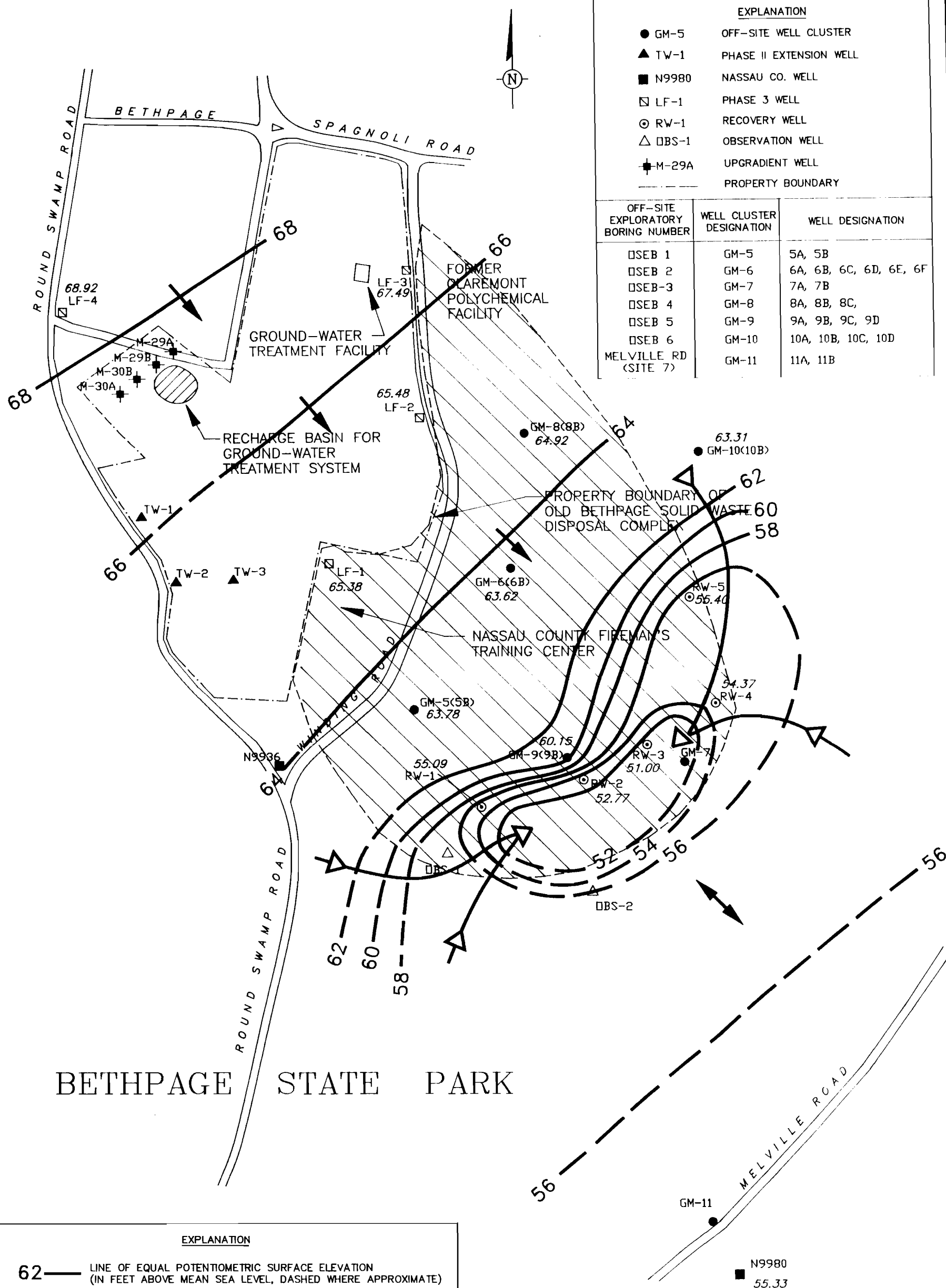
RECOMMENDATIONS

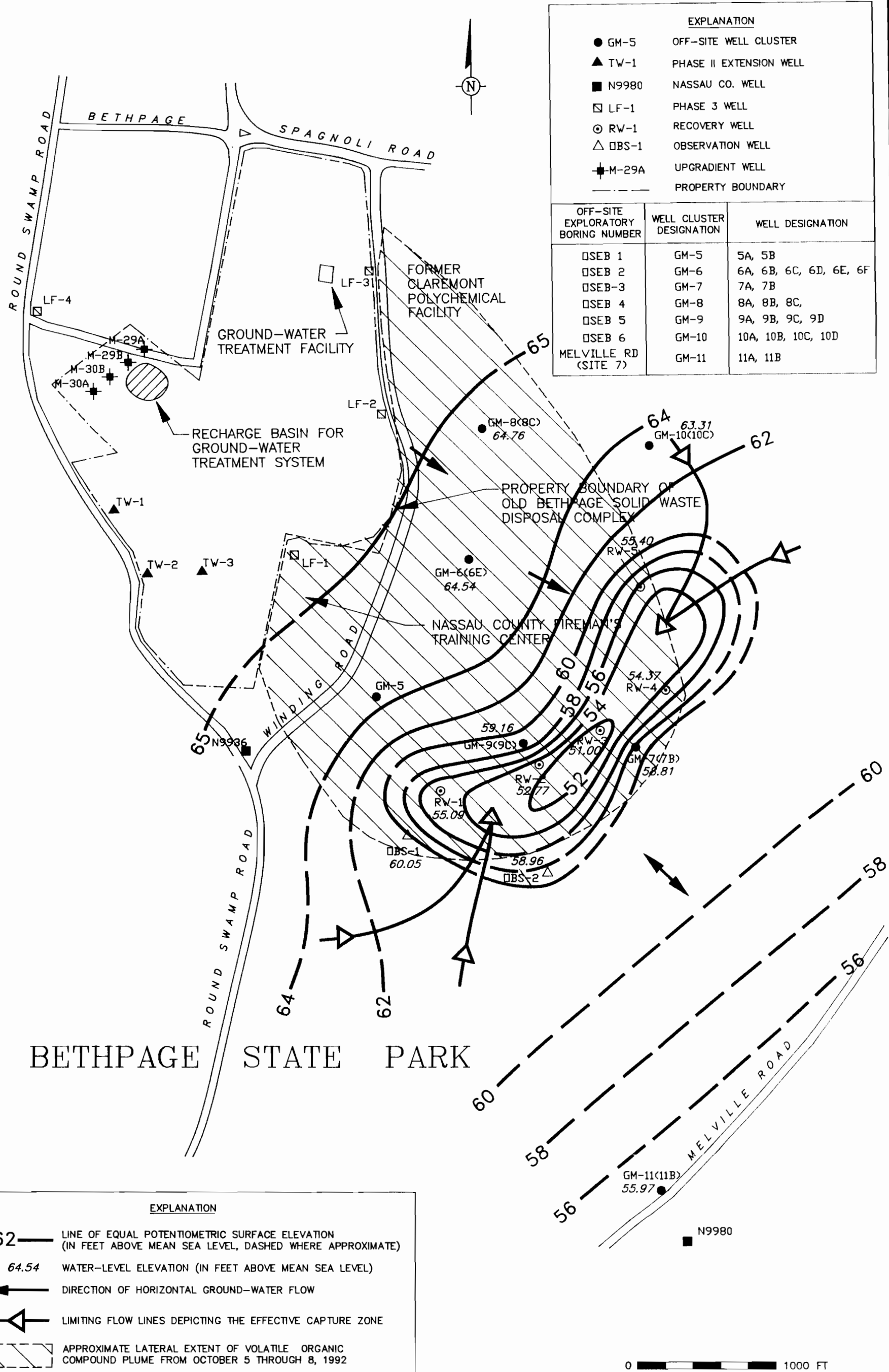
1. Monthly hydraulic monitoring should be continued for a minimum of 3 additional months (total period of 1 year) to evaluate mounding effects and seasonal effects on capture zones, and to determine when the system has reached equilibrium.
2. Modification to system pumpage is not recommended at this time. All recovery wells should continue to be operated and pumped at their present rate.

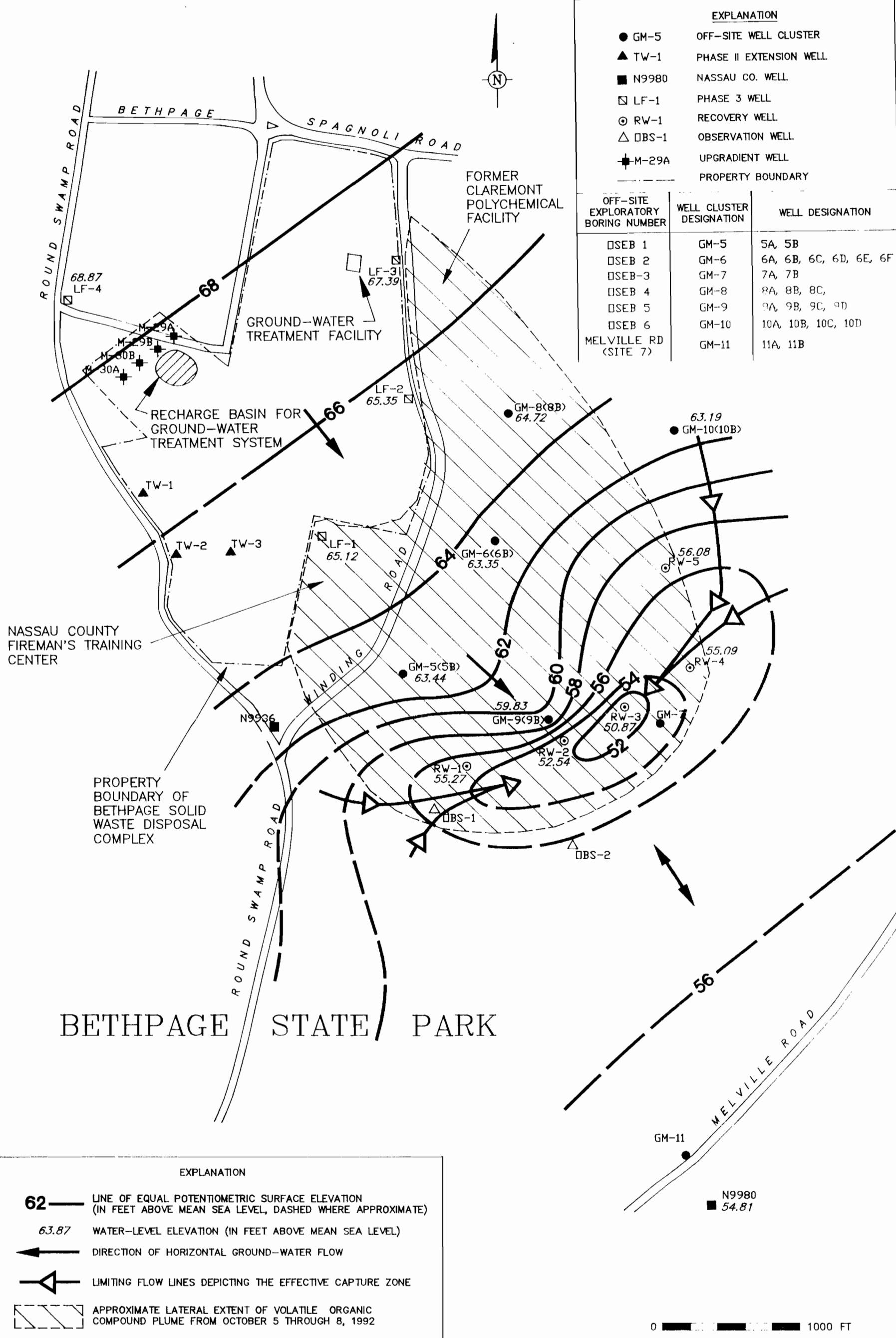
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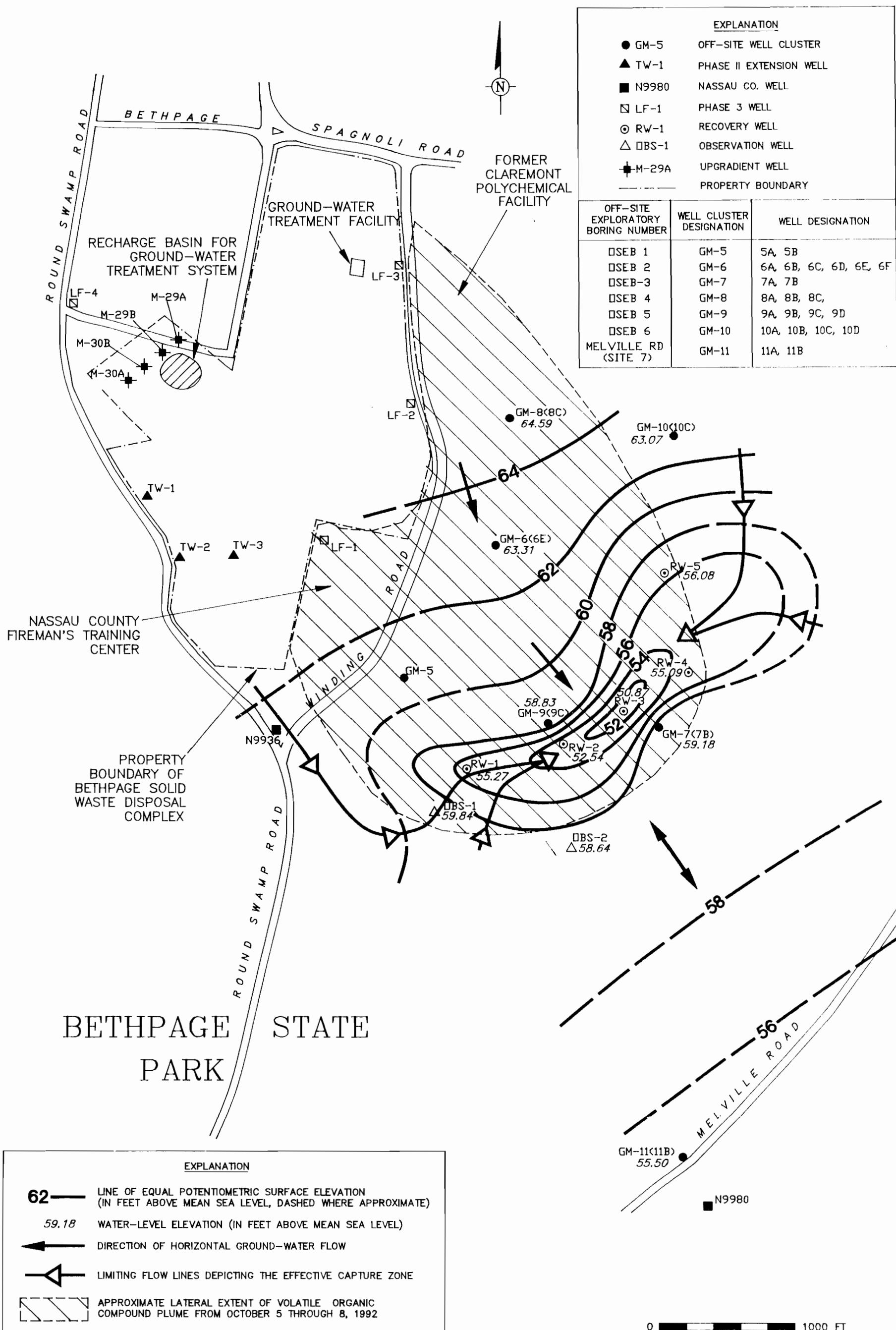
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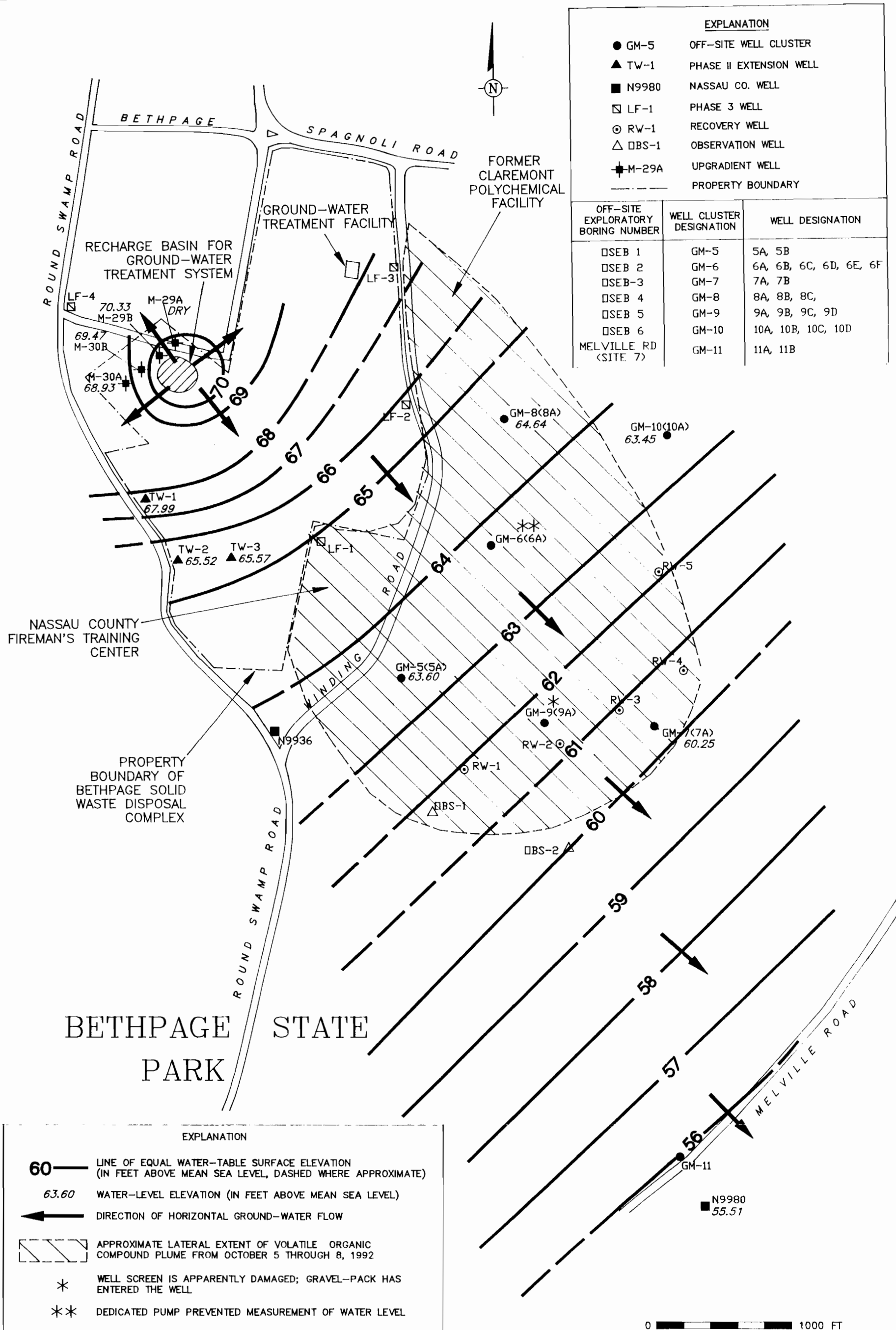


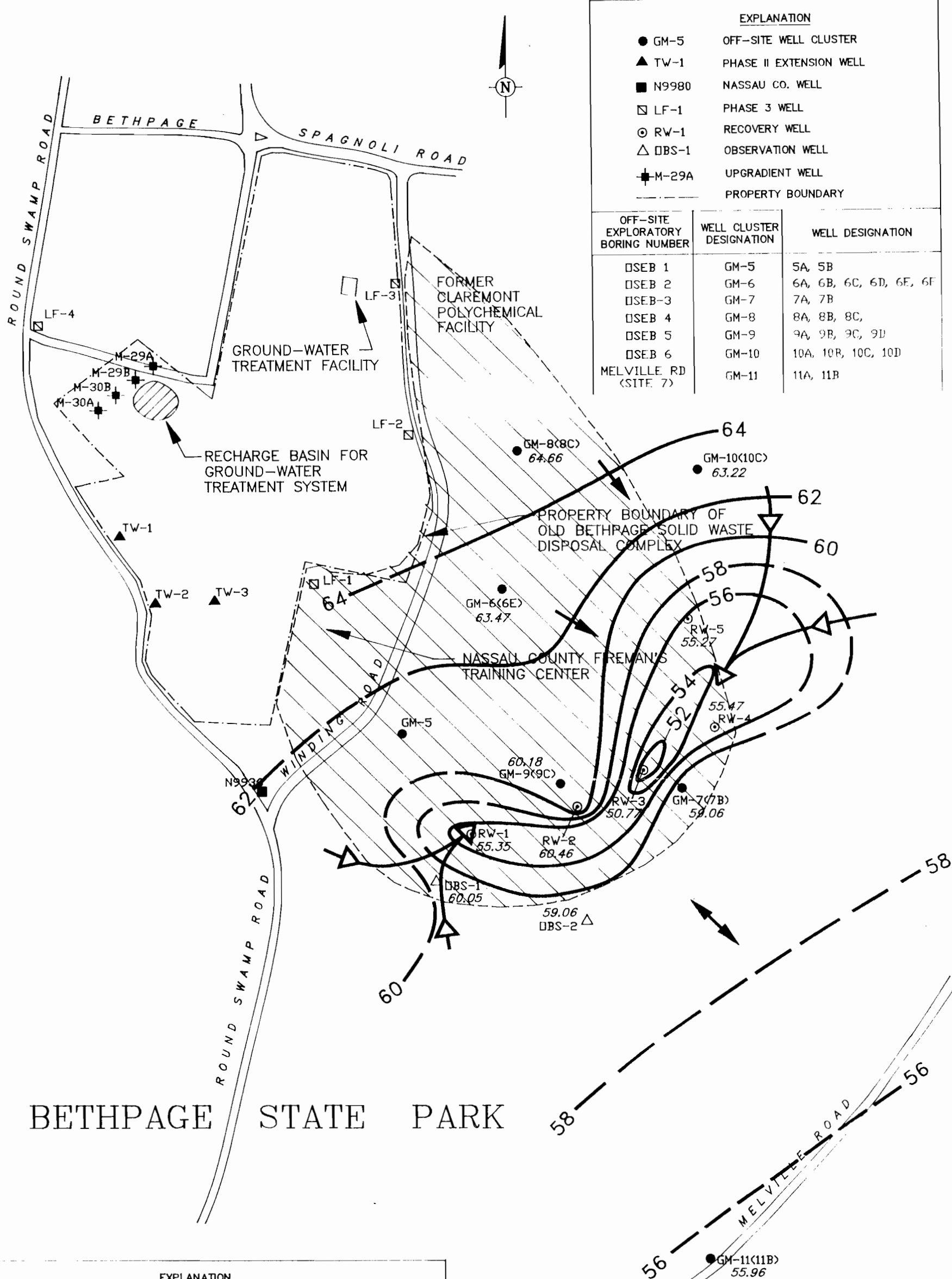


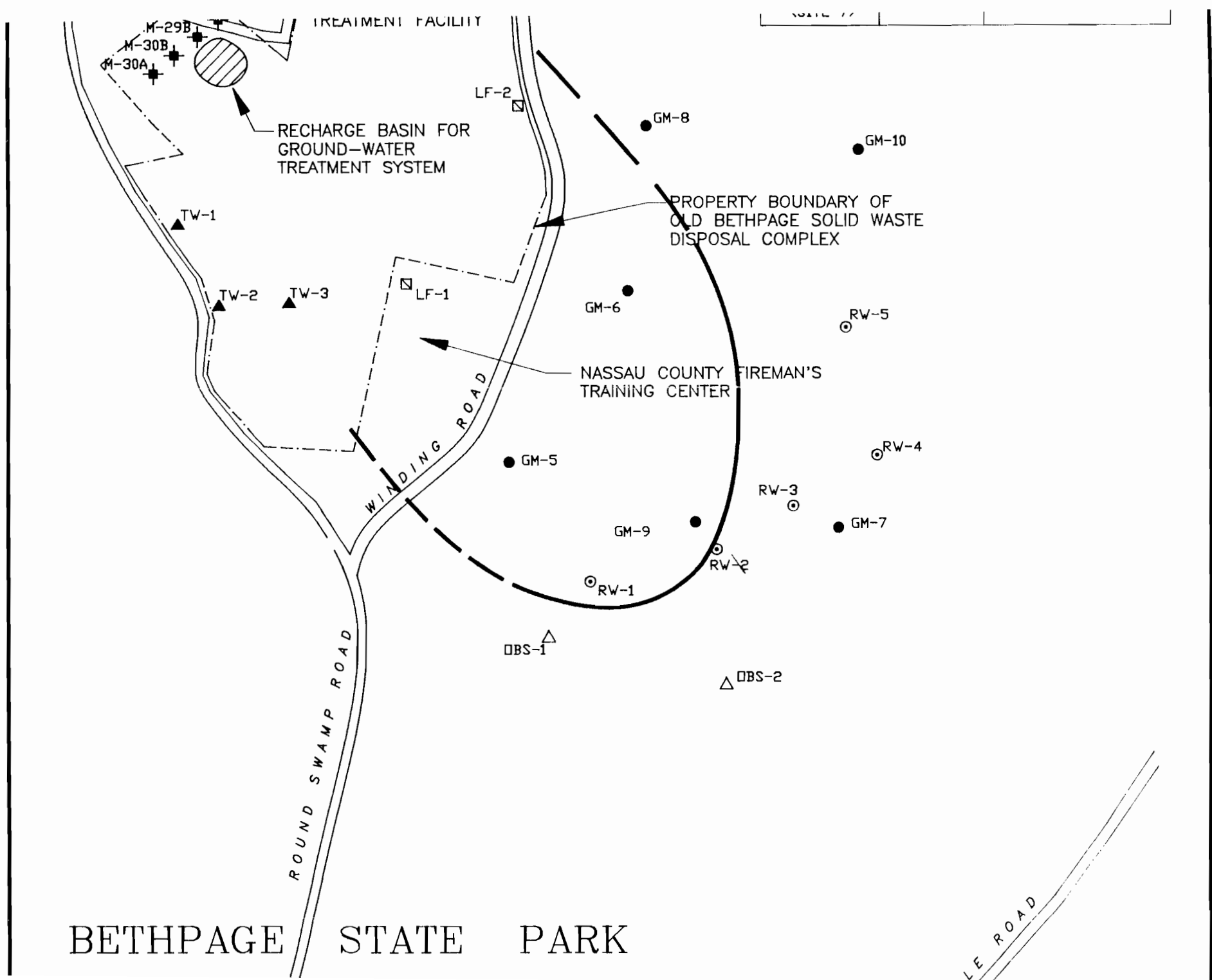
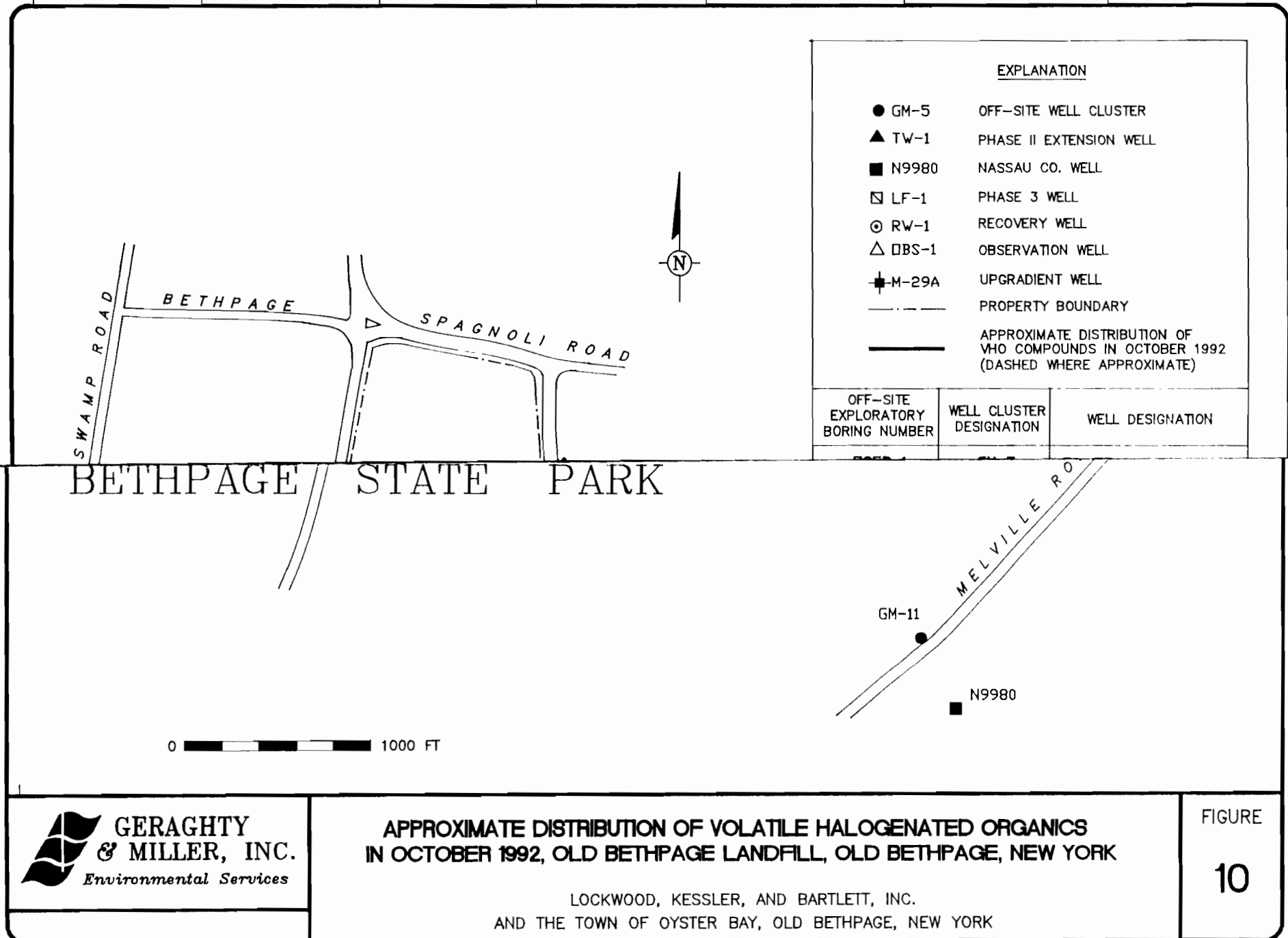


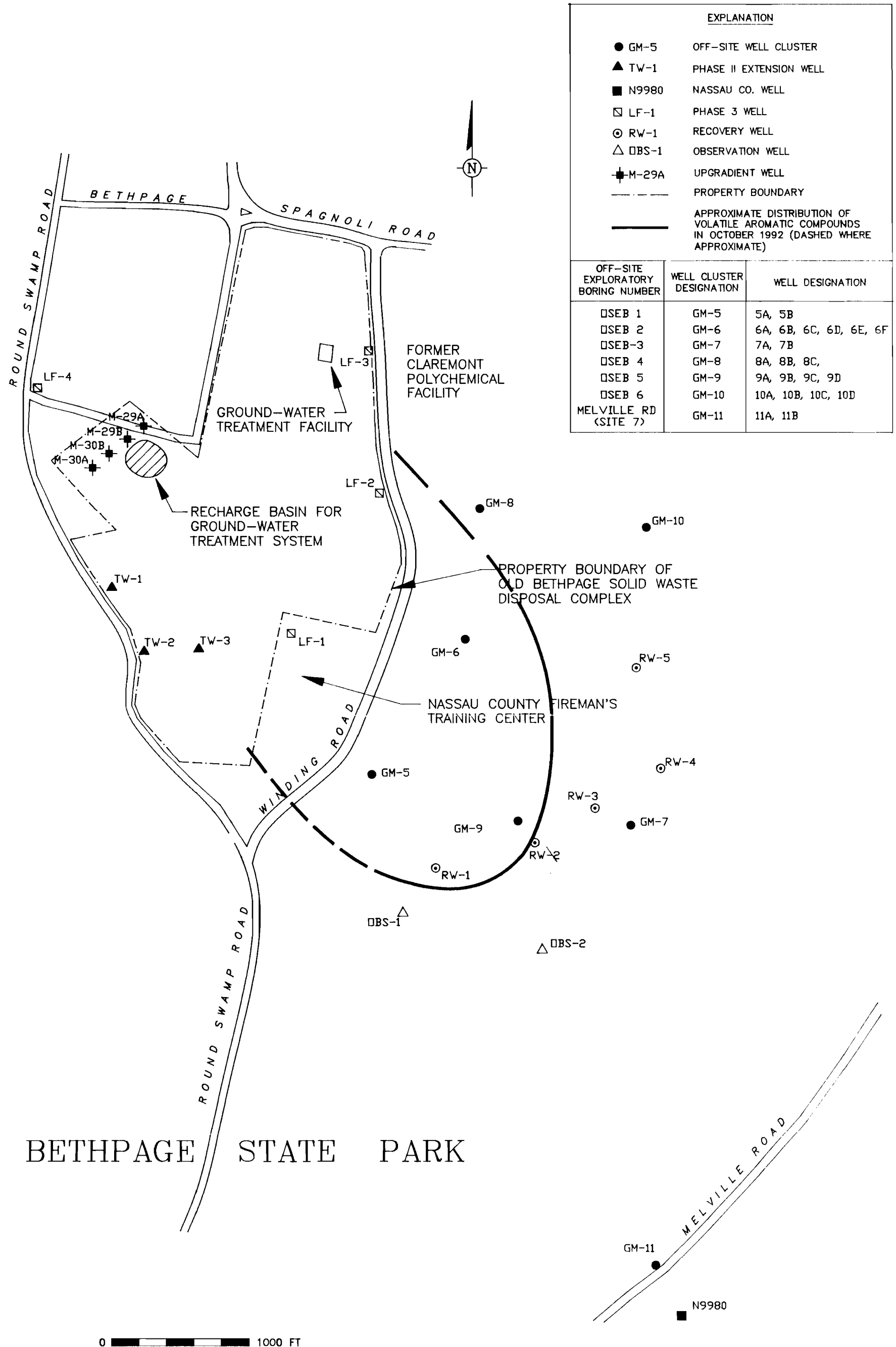


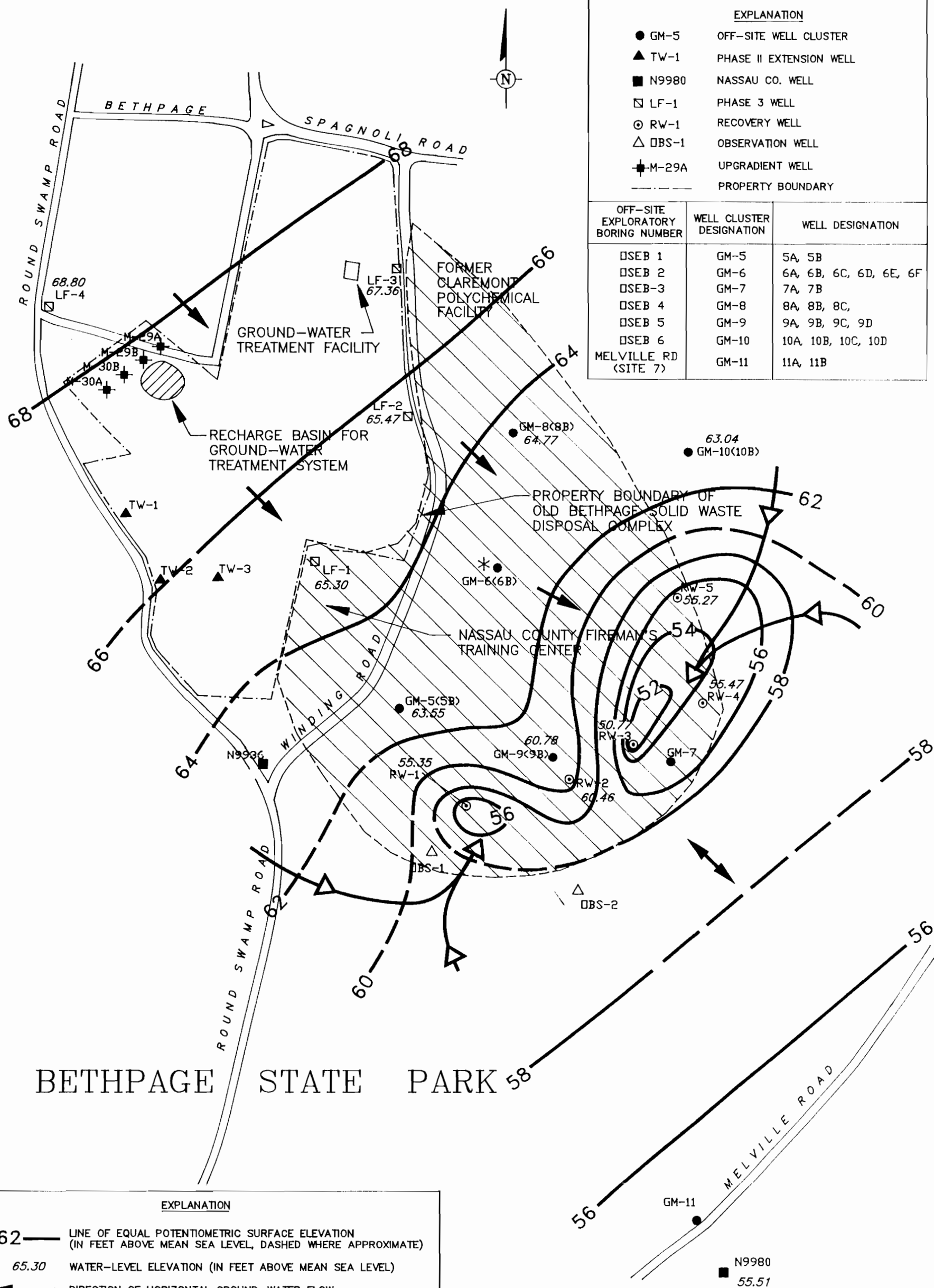


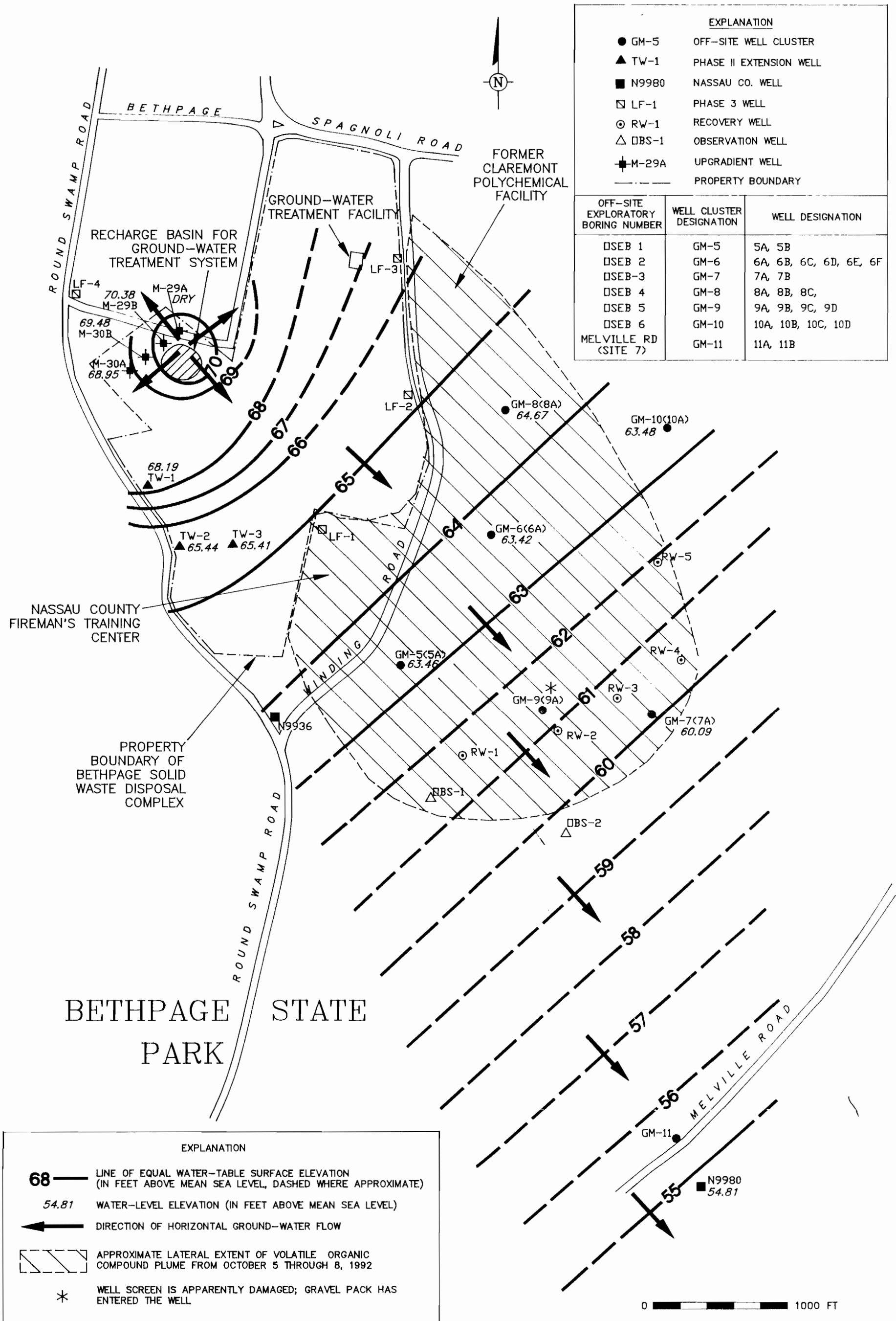


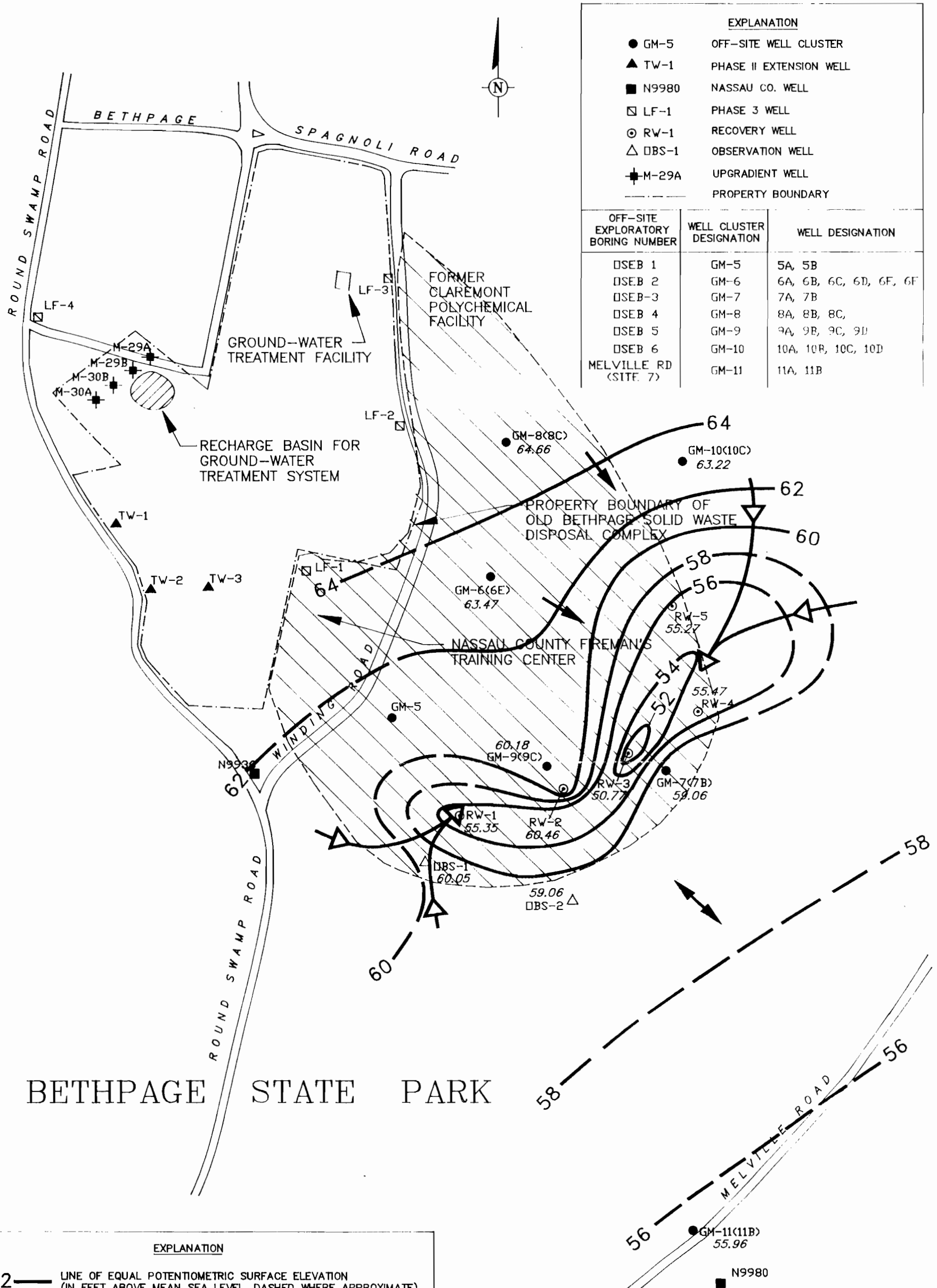


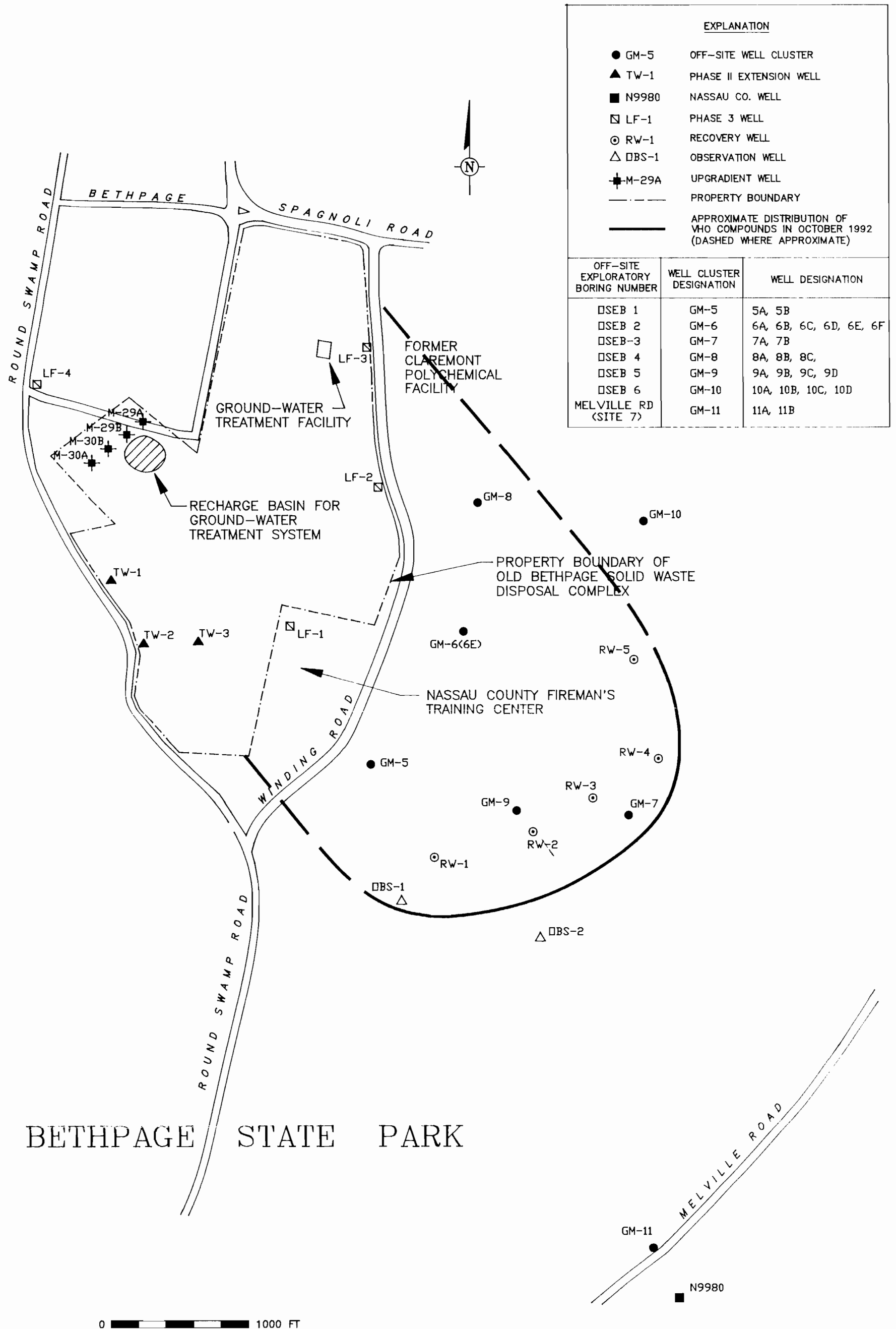


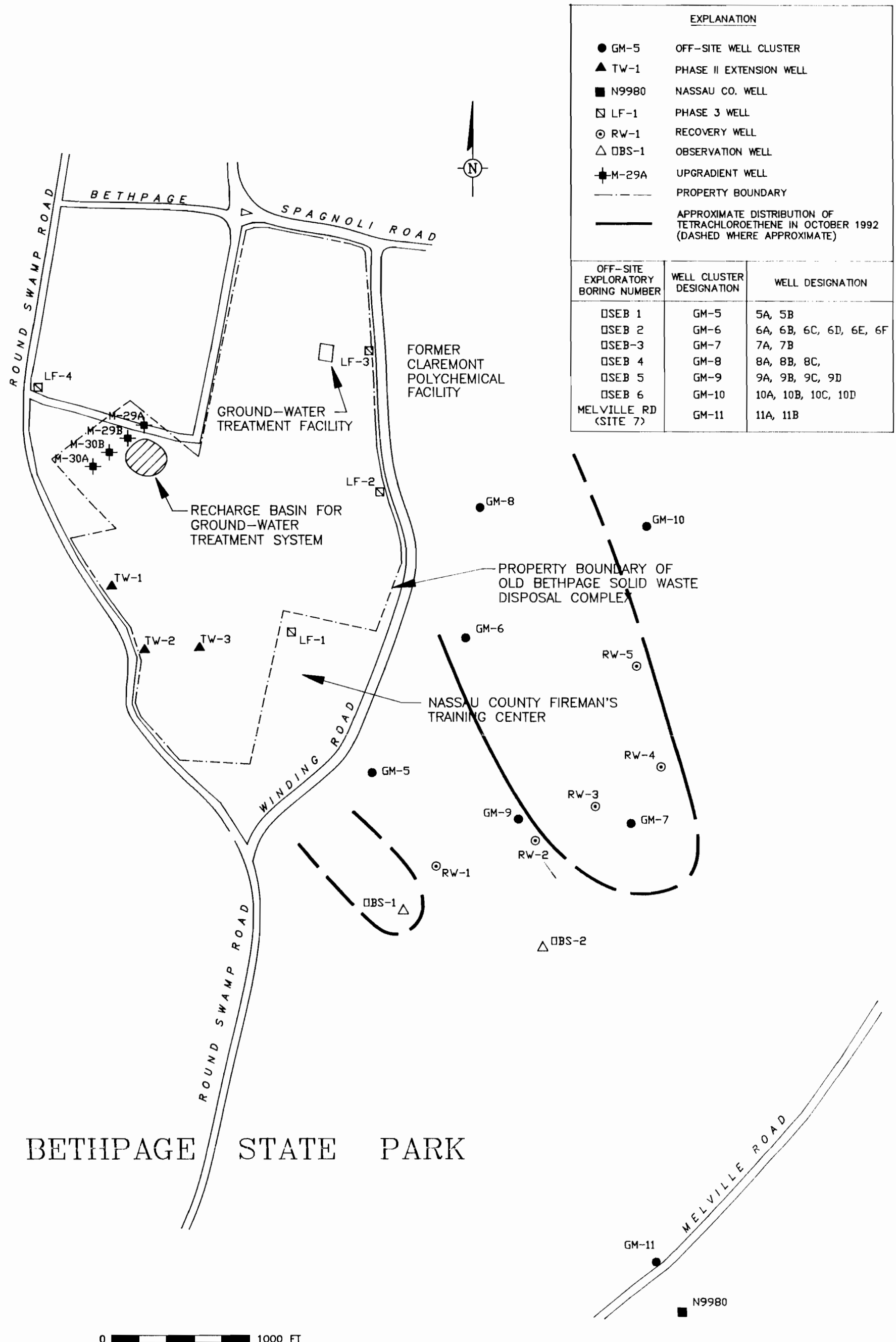












APPENDIX A

LABORATORY DATA REPORTS

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO. C924002/4

11/06/92

Geraghty & Miller, Inc.
125 East Bethpage Road
Plainview, NY 11803

ATTN: William Conroy

SOURCE OF SAMPLE: Old Bethpage LF, #NY02807, TOTAL

COLLECTED BY: Client DATE COL'D: 10/07/92 RECEIVED: 10/07/92

SAMPLE: Water sample, 5B

ANALYTICAL PARAMETERS

Chloromethane	ug/L	<1
Bromomethane	ug/L	<1
Dichlorodifluomethane	ug/L	<2
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Trichlorofluomethane	ug/L	<2
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	2
1,2 Dichloroethene	ug/L	1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
t 13 Dichloropropene	ug/L	<2
Trichloroethylene	ug/L	<1
Chlorodibromomethane	ug/L	<2
112 Trichloroethane	ug/L	<2
c 13 Dichloropropene	ug/L	<2
2chloroethvinylether	ug/L	<2
Bromoform	ug/L	<2
1122Tetrachloroethan	ug/L	<2
Tetrachloroethene	ug/L	<1

ANALYTICAL PARAMETERS

Chlorobenzene	ug/L	2
1,3 Dichlorobenzene	ug/L	<2
1,2 Dichlorobenzene	ug/L	3
1,4 Dichlorobenzene	ug/L	7
Benzene	ug/L	3
Toluene	ug/L	<2
Ethyl Benzene	ug/L	<1
m Xylene	ug/L	<2
o+p Xylene	ug/L	<4

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO. C924002/6

11/06/92

Geraghty & Miller, Inc.
125 East Bethpage Road
Plainview, NY 11803

ATTN: William Conroy

SOURCE OF SAMPLE: Old Bethpage LF, #NY02807, TOTAL
COLLECTED BY: Client DATE COL'D: 10/07/92 RECEIVED: 10/07/92

SAMPLE: Water sample, 6A

ANALYTICAL PARAMETERS

Chloromethane	ug/L	<1
Bromomethane	ug/L	<1
Dichlorodifluomethane	ug/L	1.3 *
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Trichlorofluomethane	ug/L	<2
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
t 13 Dichloropropene	ug/L	<2
Trichloroethylene	ug/L	<1
Chlorodibromomethane	ug/L	<2
112 Trichloroethane	ug/L	<2
c 13 Dichloropropene	ug/L	<2
2chloroethvinylether	ug/L	<2
Bromoform	ug/L	<2
1122Tetrachloroethan	ug/L	<2
Tetrachloroethene	ug/L	<1

ANALYTICAL PARAMETERS

Chlorobenzene	ug/L	<2
1,3 Dichlorobenzene	ug/L	<2
1,2 Dichlorobenzene	ug/L	<2
1,4 Dichlorobenzene	ug/L	<2
Benzene	ug/L	<1
Toluene	ug/L	<2
Ethyl Benzene	ug/L	<1
m Xylene	ug/L	<2
o+p Xylene	ug/L	<4

CC:

REMARKS: * compound detected at level below normal
detection limit.

DIRECTOR

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO. C924002/8

11/06/92

Geraghty & Miller, Inc.
125 East Bethpage Road
Plainview, NY 11803

ATTN: William Conroy

SOURCE OF SAMPLE: Old Bethpage LF, #NY02807, TOTAL

COLLECTED BY: Client DATE COL'D: 10/07/92 RECEIVED: 10/07/92

SAMPLE: Water sample, 6B

ANALYTICAL PARAMETERS

Chloromethane	ug/L	<1
Bromomethane	ug/L	<1
Dichlorodifluomethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Trichlorofluomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	1
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
t 13 Dichloropropene	ug/L	<1
Trichloroethylene	ug/L	<1
Chlorodibromomethane	ug/L	<1
112 Trichloroethane	ug/L	<1
c 13 Dichloropropene	ug/L	<1
2chloroethvinylether	ug/L	<1
Bromoform	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Tetrachloroethene	ug/L	<1

ANALYTICAL PARAMETERS

Chlorobenzene	ug/L	4
1,3 Dichlorobenzene	ug/L	<1
1,2 Dichlorobenzene	ug/L	8
1,4 Dichlorobenzene	ug/L	15
Benzene	ug/L	9
Toluene	ug/L	<1
Ethyl Benzene	ug/L	<1
m Xylene	ug/L	<1
o+p Xylene	ug/L	<2

CC:

REMARKS:

DIRECTOR



ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO. C924002/10

11/06/92

Geraghty & Miller, Inc.
125 East Bethpage Road
Plainview, NY 11803

ATTN: William Conroy

SOURCE OF SAMPLE: Old Bethpage LF, #NY02807, TOTAL

COLLECTED BY: Client DATE COL'D: 10/07/92 RECEIVED: 10/07/92

SAMPLE: Water sample, 6C

ANALYTICAL PARAMETERS

Chloromethane	ug/L	<1
Bromomethane	ug/L	<1
Dichlorodifluomethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Trichlorofluomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
t 13 Dichloropropene	ug/L	<1
Trichloroethylene	ug/L	<1
Chlorodibromomethane	ug/L	<1
112 Trichloroethane	ug/L	<1
c 13 Dichloropropene	ug/L	<1
2chloroethvinylether	ug/L	<1
Bromoform	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Tetrachloroethene	ug/L	<1

ANALYTICAL PARAMETERS

Chlorobenzene	ug/L	6
1,3 Dichlorobenzene	ug/L	<1
1,2 Dichlorobenzene	ug/L	2
1,4 Dichlorobenzene	ug/L	7
Benzene	ug/L	12
Toluene	ug/L	<1
Ethyl Benzene	ug/L	<1
m Xylene	ug/L	<1
o+p Xylene	ug/L	<2

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO. C924002/12

11/06/92

Geraghty & Miller, Inc.
125 East Bethpage Road
Plainview, NY 11803

ATTN: William Conroy

SOURCE OF SAMPLE: Old Bethpage LF, #NY02807, TOTAL

COLLECTED BY: Client DATE COL'D: 10/07/92 RECEIVED: 10/07/92

SAMPLE: Water sample, 6E

ANALYTICAL PARAMETERS

Chloromethane	ug/L	<1
Bromomethane	ug/L	<1
Dichlorodifluomethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Trichlorofluomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	7
1,2 Dichloroethene	ug/L	14
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	2
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
1,3 Dichloropropane	ug/L	<1
Trichloroethylene	ug/L	2
Chlorodibromomethane	ug/L	<1
112 Trichloroethane	ug/L	<1
1,3 Dichloropropane	ug/L	<1
2chloroethvinylether	ug/L	<1
Bromoform	ug/L	<1
1122Tetrachloroethane	ug/L	<1
Tetrachloroethene	ug/L	3

ANALYTICAL PARAMETERS

Chlorobenzene	ug/L	4
1,3 Dichlorobenzene	ug/L	1
1,2 Dichlorobenzene	ug/L	14
1,4 Dichlorobenzene	ug/L	13
Benzene	ug/L	1
Toluene	ug/L	<1
Ethyl Benzene	ug/L	<1
m Xylene	ug/L	<1
o+p Xylene	ug/L	<2

CC:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO. C924002/14

11/06/92

Geraghty & Miller, Inc.
125 East Bethpage Road
Plainview, NY 11803

ATTN: William Conroy

SOURCE OF SAMPLE: Old Bethpage LF, #NY02807, TOTAL

COLLECTED BY: Client DATE COL'D: 10/07/92 RECEIVED: 10/07/92

SAMPLE: Water sample, 6F

ANALYTICAL PARAMETERS

Chloromethane	ug/L	<1
Bromomethane	ug/L	<1
Dichlorodifluoromethane	ug/L	<2
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Trichlorofluoromethane	ug/L	<2
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
t 13 Dichloropropene	ug/L	<2
Trichloroethylene	ug/L	<1
Chlorodibromomethane	ug/L	<2
112 Trichloroethane	ug/L	<2
c 13 Dichloropropene	ug/L	<2
2chloroethvinylether	ug/L	<2
Bromoform	ug/L	<2
1122Tetrachloroethan	ug/L	<2
Tetrachloroethene	ug/L	<1

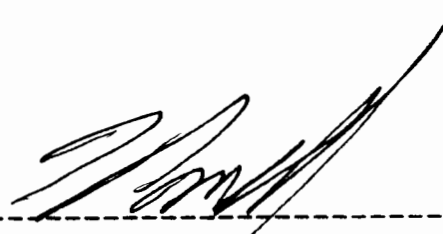
ANALYTICAL PARAMETERS

Chlorobenzene	ug/L	<2
1,3 Dichlorobenzene	ug/L	<2
1,2 Dichlorobenzene	ug/L	<2
1,4 Dichlorobenzene	ug/L	<2
Benzene	ug/L	<1
Toluene	ug/L	<2
Ethyl Benzene	ug/L	<1
m Xylene	ug/L	<2
o+p Xylene	ug/L	<4

CC:

REMARKS:

DIRECTOR



ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO. C923987/9

11/06/92

Geraghty & Miller, Inc.
125 East Bethpage Road
Plainview, NY 11803

ATTN: William Conroy

SOURCE OF SAMPLE: Old Bethpage LF, #NY02807, TOTAL

COLLECTED BY: Client DATE COL'D: 10/06/92 RECEIVED: 10/06/92

SAMPLE: Water sample, 7B

ANALYTICAL PARAMETERS

Chloromethane	ug/L	<1
Bromomethane	ug/L	<1
Dichlorodifluomethane	ug/L	<2
Vinyl Chloride	ug/L	8
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Trichlorofluomethane	ug/L	<2
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	3
1,2 Dichloroethene	ug/L	76
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
111 Trichloroethane	ug/L	4
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
t 13 Dichloropropene	ug/L	<2
Trichloroethylene	ug/L	14
Chlorodibromomethane	ug/L	<2
112 Trichloroethane	ug/L	<2
c 13 Dichloropropene	ug/L	<2
2chloroethvinylether	ug/L	<2
Bromoform	ug/L	<2
1122Tetrachloroethan	ug/L	<2
Tetrachloroethene	ug/L	340

ANALYTICAL PARAMETERS

Chlorobenzene	ug/L	<2
1,3 Dichlorobenzene	ug/L	<2
1,2 Dichlorobenzene	ug/L	<2
1,4 Dichlorobenzene	ug/L	<2
Benzene	ug/L	<1
Toluene	ug/L	<2
Ethyl Benzene	ug/L	<1
m Xylene	ug/L	<2
o+p Xylene	ug/L	<4

CC:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO. C923987/5

11/06/92

Geraghty & Miller, Inc.
125 East Bethpage Road
Plainview, NY 11803

ATTN: William Conroy

SOURCE OF SAMPLE: Old Bethpage LF, #NY02807, TOTAL

COLLECTED BY: Client DATE COL'D: 10/06/92 RECEIVED: 10/06/92

SAMPLE: Water sample, 8A

ANALYTICAL PARAMETERS

Chloromethane	ug/L	<1
Bromomethane	ug/L	<1
Dichlorodifluomethane	ug/L	<2
Vinyl Chloride	ug/L	1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Trichlorofluomethane	ug/L	<2
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	3
1,2 Dichloroethene	ug/L	80
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
111 Trichloroethane	ug/L	6
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
t 13 Dichloropropene	ug/L	<2
Trichloroethylene	ug/L	16
Chlorodibromomethane	ug/L	<2
112 Trichloroethane	ug/L	<2
c 13 Dichloropropene	ug/L	<2
2chloroethvinylether	ug/L	<2
Bromoform	ug/L	<2
1122Tetrachloroethan	ug/L	<2
Tetrachloroethene	ug/L	260

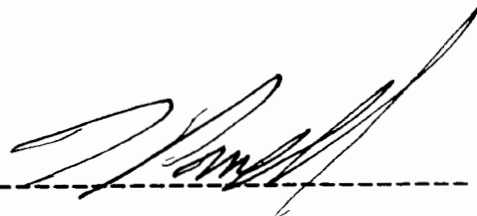
ANALYTICAL PARAMETERS

Chlorobenzene	ug/L	<2
1,3 Dichlorobenzene	ug/L	<2
1,2 Dichlorobenzene	ug/L	<2
1,4 Dichlorobenzene	ug/L	<2
Benzene	ug/L	<1
Toluene	ug/L	<2
Ethyl Benzene	ug/L	<1
m Xylene	ug/L	<2
o+p Xylene	ug/L	<4

CC:

REMARKS:

DIRECTOR



ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO. C923987/7

11/06/92

Geraghty & Miller, Inc.
125 East Bethpage Road
Plainview, NY 11803

ATTN: William Conroy

SOURCE OF SAMPLE: Old Bethpage LF, #NY02807, TOTAL
COLLECTED BY: Client DATE COL'D: 10/06/92 RECEIVED: 10/06/92

SAMPLE: Water sample, 88

ANALYTICAL PARAMETERS

Chloromethane	ug/L	<1
Bromomethane	ug/L	<1
Dichlorodifluomethane	ug/L	<2
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Trichlorofluomethane	ug/L	<2
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
111 Trichloroethane	ug/L	10
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
t 13 Dichloropropene	ug/L	<2
Trichloroethylene	ug/L	14
Chlorodibromomethane	ug/L	<2
112 Trichloroethane	ug/L	<2
c 13 Dichloropropene	ug/L	<2
2chloroethvinylether	ug/L	<2
Bromoform	ug/L	<2
1122Tetrachloroethan	ug/L	<2
Tetrachloroethene	ug/L	<1

ANALYTICAL PARAMETERS

Chlorobenzene	ug/L	<2
1,3 Dichlorobenzene	ug/L	<2
1,2 Dichlorobenzene	ug/L	<2
1,4 Dichlorobenzene	ug/L	<2
Benzene	ug/L	<1
Toluene	ug/L	<2
Ethyl Benzene	ug/L	<1
m Xylene	ug/L	<2
o+p Xylene	ug/L	<4

CC:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO. C924014/2

11/02/92

Geraghty & Miller, Inc.
125 East Bethpage Road
Plainview, NY 11803

ATTN: William Conroy

SOURCE OF SAMPLE: Old Bethpage LF, #NY02807, TOTAL
COLLECTED BY: Client DATE COL'D: 10/08/92 RECEIVED: 10/08/92

SAMPLE: Water sample, 9B

ANALYTICAL PARAMETERS

Chloromethane	ug/L	<1
Bromomethane	ug/L	<1
Dichlorodifluomethane	ug/L	<2
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Trichlorofluomethane	ug/L	<2
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
t 13 Dichloropropene	ug/L	<2
Trichloroethylene	ug/L	<1
Chlorodibromomethane	ug/L	<2
112 Trichloroethane	ug/L	<2
c 13 Dichloropropene	ug/L	<2
2chloroethvinylether	ug/L	<2
Bromoform	ug/L	<2
1122Tetrachloroethan	ug/L	<2
Tetrachloroethene	ug/L	<1

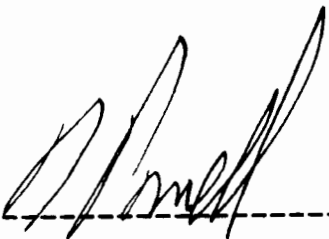
ANALYTICAL PARAMETERS

Chlorobenzene	ug/L	<2
1,3 Dichlorobenzene	ug/L	<2
1,2 Dichlorobenzene	ug/L	<2
1,4 Dichlorobenzene	ug/L	<2
Benzene	ug/L	<1
Toluene	ug/L	<2
Ethyl Benzene	ug/L	<1
m Xylene	ug/L	<2
o+p Xylene	ug/L	<4

CC:

REMARKS:

DIRECTOR



ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO. C924014/4

11/02/92

Geraghty & Miller, Inc.
125 East Bethpage Road
Plainview, NY 11803

ATTN: William Conroy

SOURCE OF SAMPLE: Old Bethpage LF, #NY02807, TOTAL
COLLECTED BY: Client DATE COL'D: 10/08/92 RECEIVED: 10/08/92

SAMPLE: Water sample, 9C

ANALYTICAL PARAMETERS

Chloromethane	ug/L	<1
Bromomethane	ug/L	<1
Dichlorodifluomethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Trichlorofluomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	2
1,2 Dichloroethene	ug/L	2
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
1,3 Dichloropropane	ug/L	<1
Trichloroethylene	ug/L	<1
Chlorodibromomethane	ug/L	<1
112 Trichloroethane	ug/L	<1
1,3 Dichloropropane	ug/L	<1
2chloroethvinylether	ug/L	<1
Bromoform	ug/L	<1
1122Tetrachloroethane	ug/L	<1
Tetrachloroethene	ug/L	<1

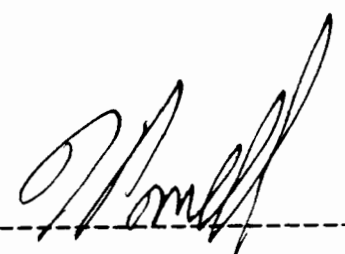
ANALYTICAL PARAMETERS

Chlorobenzene	ug/L	6
1,3 Dichlorobenzene	ug/L	<1
1,2 Dichlorobenzene	ug/L	8
1,4 Dichlorobenzene	ug/L	16
Benzene	ug/L	4
Toluene	ug/L	<1
Ethyl Benzene	ug/L	<1
m Xylene	ug/L	<1
o+p Xylene	ug/L	<2

CC:

REMARKS:

DIRECTOR



ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO. C924014/6

11/02/92

Geraghty & Miller, Inc.
125 East Bethpage Road
Plainview, NY 11803

ATTN: William Conroy

SOURCE OF SAMPLE: Old Bethpage LF, #NY02807, TOTAL
COLLECTED BY: Client DATE COL'D: 10/08/92 RECEIVED: 10/08/92

SAMPLE: Water sample, 11A

ANALYTICAL PARAMETERS

Chloromethane	ug/L	<1
Bromomethane	ug/L	<1
Dichlorodifluomethane	ug/L	<2
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Trichlorofluomethane	ug/L	<2
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
t 13 Dichloropropene	ug/L	<2
Trichloroethylene	ug/L	<1
Chlorodibromomethane	ug/L	<2
112 Trichloroethane	ug/L	<2
c 13 Dichloropropene	ug/L	<2
2chloroethvinylether	ug/L	<2
Bromoform	ug/L	<2
1122Tetrachloroethan	ug/L	<2
Tetrachloroethene	ug/L	<1

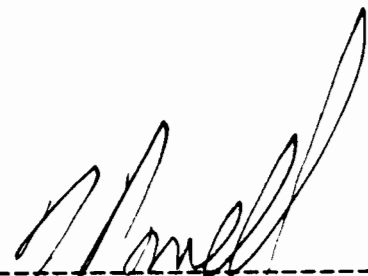
ANALYTICAL PARAMETERS

Chlorobenzene	ug/L	<2
1,3 Dichlorobenzene	ug/L	<2
1,2 Dichlorobenzene	ug/L	<2
1,4 Dichlorobenzene	ug/L	<2
Benzene	ug/L	<1
Toluene	ug/L	<2
Ethyl Benzene	ug/L	<1
m Xylene	ug/L	<2
o+p Xylene	ug/L	<4

CC:

REMARKS:

DIRECTOR



ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO. C924014/8

11/02/92

Geraghty & Miller, Inc.
125 East Bethpage Road
Plainview, NY 11803

ATTN: William Conroy

SOURCE OF SAMPLE: Old Bethpage LF, #NY02807, TOTAL
COLLECTED BY: Client DATE COL'D: 10/08/92 RECEIVED: 10/08/92

SAMPLE: Water sample, 11B

ANALYTICAL PARAMETERS

Chloromethane	ug/L	<1
Bromomethane	ug/L	<1
Dichlorodifluomethane	ug/L	<2
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Trichlorofluomethane	ug/L	<2
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
t 13 Dichloropropene	ug/L	<2
Trichloroethylene	ug/L	<1
Chlorodibromomethane	ug/L	<2
112 Trichloroethane	ug/L	<2
c 13 Dichloropropene	ug/L	<2
2chloroethvinylether	ug/L	<2
Bromoform	ug/L	<2
1122Tetrachloroethan	ug/L	<2
Tetrachloroethene	ug/L	<1

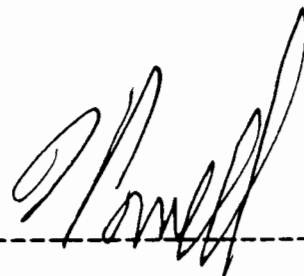
ANALYTICAL PARAMETERS

Chlorobenzene	ug/L	<2
1,3 Dichlorobenzene	ug/L	<2
1,2 Dichlorobenzene	ug/L	<2
1,4 Dichlorobenzene	ug/L	<2
Benzene	ug/L	<1
Toluene	ug/L	<2
Ethyl Benzene	ug/L	<1
m Xylene	ug/L	<2
o+p Xylene	ug/L	<4

CC:

REMARKS:

DIRECTOR



ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO. C923987/11

11/06/92

Geraghty & Miller, Inc.
125 East Bethpage Road
Plainview, NY 11803

ATTN: William Conroy

SOURCE OF SAMPLE: Old Bethpage LF, #NY02807, TOTAL

COLLECTED BY: Client DATE COL'D: 10/06/92 RECEIVED: 10/06/92

SAMPLE: Water sample, OBS-1

ANALYTICAL PARAMETERS

Chloromethane	ug/L	<1
Bromomethane	ug/L	<1
Dichlorodifluomethane	ug/L	<2
Vinyl Chloride	ug/L	3
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Trichlorofluomethane	ug/L	<2
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	2
1,2 Dichloroethene	ug/L	34
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	4
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
t 13 Dichloropropene	ug/L	<2
Trichloroethylene	ug/L	2
Chlorodibromomethane	ug/L	<2
112 Trichloroethane	ug/L	<2
c 13 Dichloropropene	ug/L	<2
2chloroethvinylether	ug/L	<2
Bromoform	ug/L	<2
1122Tetrachloroethan	ug/L	<2
Tetrachloroethene	ug/L	12

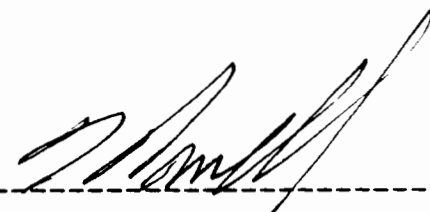
ANALYTICAL PARAMETERS

Chlorobenzene	ug/L	<2
1,3 Dichlorobenzene	ug/L	<2
1,2 Dichlorobenzene	ug/L	<2
1,4 Dichlorobenzene	ug/L	<2
Benzene	ug/L	<1
Toluene	ug/L	<2
Ethyl Benzene	ug/L	<1
m Xylene	ug/L	<2
o+p Xylene	ug/L	<4

CC:

REMARKS:

DIRECTOR



ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO. C923987/3

11/06/92

Geraghty & Miller, Inc.
125 East Bethpage Road
Plainview, NY 11803

ATTN: William Conroy

SOURCE OF SAMPLE: Old Bethpage LF, #NY02807, TOTAL

COLLECTED BY: Client DATE COL'D: 10/06/92 RECEIVED: 10/06/92

SAMPLE: Water sample, M-30B

ANALYTICAL PARAMETERS

Chloromethane	ug/L	<1
Bromomethane	ug/L	<1
Dichlorodifluomethane	ug/L	<2
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Trichlorofluomethane	ug/L	<2
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
t 13 Dichloropropene	ug/L	<2
Trichloroethylene	ug/L	<1
Chlorodibromomethane	ug/L	<2
112 Trichloroethane	ug/L	<2
c 13 Dichloropropene	ug/L	<2
2chloroethvinylether	ug/L	<2
Bromoform	ug/L	<2
1122Tetrachloroethan	ug/L	<2
Tetrachloroethene	ug/L	<1

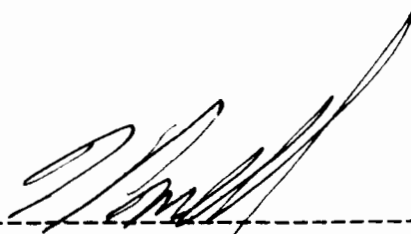
ANALYTICAL PARAMETERS

Chlorobenzene	ug/L	<2
1,3 Dichlorobenzene	ug/L	<2
1,2 Dichlorobenzene	ug/L	<2
1,4 Dichlorobenzene	ug/L	<2
Benzene	ug/L	<1
Toluene	ug/L	<2
Ethyl Benzene	ug/L	<1
m Xylene	ug/L	<2
o+p Xylene	ug/L	<4

CC:

REMARKS:

DIRECTOR



ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO. C923987/2

11/06/92

Geraghty & Miller, Inc.
125 East Bethpage Road
Plainview, NY 11803

ATTN: William Conroy

SOURCE OF SAMPLE: Old Bethpage LF, #NY02807, TOTAL
COLLECTED BY: Client DATE COL'D: 10/06/92 RECEIVED: 10/06/92

SAMPLE: Water sample, FB 106

ANALYTICAL PARAMETERS

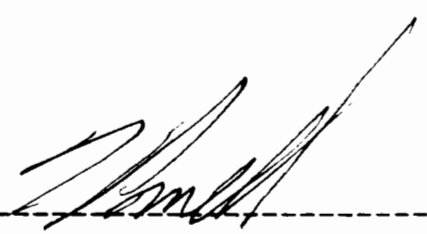
Chloromethane	ug/L	<1
Bromomethane	ug/L	<1
Dichlorodifluomethane	ug/L	<2
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Trichlorofluomethane	ug/L	<2
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
t 13 Dichloropropene	ug/L	<2
Trichloroethylene	ug/L	<1
Chlorodibromomethane	ug/L	<2
112 Trichloroethane	ug/L	<2
c 13 Dichloropropene	ug/L	<2
2chloroethvinylether	ug/L	<2
Bromoform	ug/L	<2
1122Tetrachloroethan	ug/L	<2
Tetrachloroethene	ug/L	<1

ANALYTICAL PARAMETERS

Chlorobenzene	ug/L	<2
1,3 Dichlorobenzene	ug/L	<2
1,2 Dichlorobenzene	ug/L	<2
1,4 Dichlorobenzene	ug/L	<2
Benzene	ug/L	<1
Toluene	ug/L	<2
Ethyl Benzene	ug/L	<1
m Xylene	ug/L	<2
o-p Xylene	ug/L	<4

CC:

REMARKS:

DIRECTOR 

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO. C923987/1

11/06/92

Geraghty & Miller, Inc.
125 East Bethpage Road
Plainview, NY 11803

ATTN: William Conroy

SOURCE OF SAMPLE: Old Bethpage LF, #NY02807, TOTAL
COLLECTED BY: Client DATE COL'D: 10/06/92 RECEIVED: 10/06/92

SAMPLE: Water sample, TB 106

ANALYTICAL PARAMETERS

Chloromethane	ug/L	<1
Bromomethane	ug/L	<1
Dichlorodifluomethane	ug/L	<2
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Trichlorofluomethane	ug/L	<2
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
t 13 Dichloropropene	ug/L	<2
Trichloroethylene	ug/L	<1
Chlorodibromomethane	ug/L	<2
112 Trichloroethane	ug/L	<2
c 13 Dichloropropene	ug/L	<2
2chloroethvinylether	ug/L	<2
Bromoform	ug/L	<2
1122Tetrachloroethan	ug/L	<2
Tetrachloroethene	ug/L	<1

ANALYTICAL PARAMETERS

Chlorobenzene	ug/L	<2
1,3 Dichlorobenzene	ug/L	<2
1,2 Dichlorobenzene	ug/L	<2
1,4 Dichlorobenzene	ug/L	<2
Benzene	ug/L	<1
Toluene	ug/L	<2
Ethyl Benzene	ug/L	<1
m Xylene	ug/L	<2
o+p Xylene	ug/L	<4

CC:

REMARKS:

DIRECTOR



377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO. C924002/1

11/06/92

Geraghty & Miller, Inc.
125 East Bethpage Road
Plainview, NY 11803

ATTN: William Conroy

SOURCE OF SAMPLE: Old Bethpage LF, #NY02807, TOTAL
COLLECTED BY: Client DATE COL'D: 10/07/92 RECEIVED: 10/07/92

SAMPLE: Water sample, TB 107

ANALYTICAL PARAMETERS

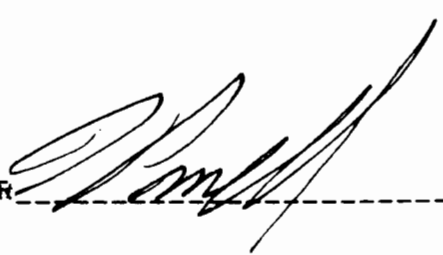
Chloromethane	ug/L	<1
Bromomethane	ug/L	<1
Dichlorodifluoromethane	ug/L	<2
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Trichlorofluoromethane	ug/L	<2
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
t 13 Dichloropropene	ug/L	<2
Trichloroethylene	ug/L	<1
Chlorodibromomethane	ug/L	<2
112 Trichloroethane	ug/L	<2
c 13 Dichloropropene	ug/L	<2
2chloroethvinylether	ug/L	<2
Bromoform	ug/L	<2
1122Tetrachloroethan	ug/L	<2
Tetrachloroethene	ug/L	<1

ANALYTICAL PARAMETERS

Chlorobenzene	ug/L	<2
1,3 Dichlorobenzene	ug/L	<2
1,2 Dichlorobenzene	ug/L	<2
1,4 Dichlorobenzene	ug/L	<2
Benzene	ug/L	<1
Toluene	ug/L	<2
Ethyl Benzene	ug/L	<1
m Xylene	ug/L	<2
o+p Xylene	ug/L	<4

CC:

REMARKS:

DIRECTOR 

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO. C924002/2

11/06/92

Geraghty & Miller, Inc.
125 East Bethpage Road
Plainview, NY 11803

ATTN: William Conroy

SOURCE OF SAMPLE: Old Bethpage LF, #NY02807, TOTAL

COLLECTED BY: Client DATE COL'D: 10/07/92 RECEIVED: 10/07/92

SAMPLE: Water sample, Rep 1 ^{Well} 6C

ANALYTICAL PARAMETERS

Chloromethane	ug/L	<1
Bromomethane	ug/L	<1
Dichlorodifluomethane	ug/L	<2
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Trichlorofluomethane	ug/L	<2
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
t 13 Dichloropropene	ug/L	<2
Trichloroethylene	ug/L	<1
Chlorodibromomethane	ug/L	<2
112 Trichloroethane	ug/L	<2
c 13 Dichloropropene	ug/L	<2
2chloroethvinylether	ug/L	<2
Bromoform	ug/L	<2
1122Tetrachloroethan	ug/L	<2
Tetrachloroethene	ug/L	<1

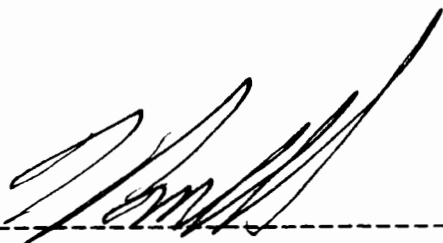
ANALYTICAL PARAMETERS

Chlorobenzene	ug/L	<2
1,3 Dichlorobenzene	ug/L	<2
1,2 Dichlorobenzene	ug/L	<2
1,4 Dichlorobenzene	ug/L	<2
Benzene	ug/L	9
Toluene	ug/L	<2
Ethyl Benzene	ug/L	<1
m Xylene	ug/L	<2
o+p Xylene	ug/L	<4

cc:

REMARKS:

DIRECTOR



ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO. C924014/1

11/02/92

Geraghty & Miller, Inc.
125 East Bethpage Road
Plainview, NY 11803

ATTN: William Conroy

SOURCE OF SAMPLE: Old Bethpage LF, #NY02807, TOTAL
COLLECTED BY: Client DATE COL'D: 10/08/92 RECEIVED: 10/08/92

SAMPLE: Water sample, TB108

ANALYTICAL PARAMETERS

Chloromethane	ug/L	<1
Bromomethane	ug/L	<1
Dichlorodifluoromethane	ug/L	<2
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Trichlorofluoromethane	ug/L	<2
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
1,3 Dichloropropane	ug/L	<2
Trichloroethylene	ug/L	<1
Chlorodibromomethane	ug/L	<2
112 Trichloroethane	ug/L	<2
1,3 Dichloropropane	ug/L	<2
2-chloroethvinylether	ug/L	<2
Bromoform	ug/L	<2
1,1,2,2-Tetrachloroethane	ug/L	<2
Tetrachloroethene	ug/L	<1

ANALYTICAL PARAMETERS

Chlorobenzene	ug/L	<2
1,3 Dichlorobenzene	ug/L	<2
1,2 Dichlorobenzene	ug/L	<2
1,4 Dichlorobenzene	ug/L	<2
Benzene	ug/L	<1
Toluene	ug/L	<2
Ethyl Benzene	ug/L	<1
m Xylene	ug/L	<2
o+p Xylene	ug/L	<4

CC:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO. C924002/4

11/06/92

Geraghty & Miller, Inc.
125 East Bethpage Road
Plainview, NY 11803

ATTN: William Conroy

SOURCE OF SAMPLE: Old Bethpage LF, #NY02807, TOTAL
COLLECTED BY: Client DATE COL'D: 10/07/92 RECEIVED: 10/07/92

SAMPLE: Water sample, 5B

ANALYTICAL PARAMETERS

Chloride as Cl	mg/L	380
Ammonia as N	mg/L	69
Iron as Fe	mg/L	0.07
Hardness as CaCO ₃	mg/L	200
Alkalinity tot CaCO ₃	mg/L	600
Phenols as Phenol	mg/L	<0.001
Barium as Ba	mg/L	0.10
Aluminum as Al	mg/L	<0.20
Copper as Cu	mg/L	<0.02
Lead as Pb	mg/L	0.013
Manganese as Mn	mg/L	0.86
Nickel as Ni	mg/L	<0.10
Sodium as Na	mg/L	300
Zinc as Zn	mg/L	<0.02
Chromium hex as Cr	mg/L	<0.02
Chromium as Cr	mg/L	<0.005
Mercury as Hg	mg/L	<0.00025
Potassium as K	mg/L	81
Magnesium as Mg	mg/L	29
Calcium as Ca	mg/L	31
Tot Dissolved Solids	mg/L	1100
Nitrate as N	mg/L	<0.5
Sulfate as SO ₄	mg/L	60
Carbonate Alk CaCO ₃	mg/L	0
Tot. Kjeldahl N.	mg/L	74

ANALYTICAL PARAMETERS

Nitrogen, total as N	mg/L	74
Bicarb. Alk CaCO ₃	mg/L	600
Cyanide as CN	mg/L	<0.02

CC:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO. C924002/6

11/06/92

Geraghty & Miller, Inc.
125 East Bethpage Road
Plainview, NY 11803

ATTN: William Conroy

SOURCE OF SAMPLE: Old Bethpage LF, #NY02807, TOTAL
COLLECTED BY: Client DATE COL'D: 10/07/92 RECEIVED: 10/07/92

SAMPLE: Water sample, 6A

ANALYTICAL PARAMETERS

Chloride as Cl	mg/L	8
Ammonia as N	mg/L	<0.05
Iron as Fe	mg/L	0.86
Hardness as CaCO ₃	mg/L	12
Alkalinity tot CaCO ₃	mg/L	18
Phenols as Phenol	mg/L	<0.001
Barium as Ba	mg/L	<0.05
Aluminum as Al	mg/L	<0.20
Copper as Cu	mg/L	<0.02
Lead as Pb	mg/L	0.016
Manganese as Mn	mg/L	0.07
Nickel as Ni	mg/L	<0.10
Sodium as Na	mg/L	4.4
Zinc as Zn	mg/L	0.05
Chromium hex as Cr	mg/L	<0.02
Chromium as Cr	mg/L	<0.005
Mercury as Hg	mg/L	<0.00025
Potassium as K	mg/L	0.83
Magnesium as Mg	mg/L	1.6
Calcium as Ca	mg/L	2.2
Tot Dissolved Solids	mg/L	39
Nitrate as N	mg/L	<0.5
Sulfate as SO ₄	mg/L	<5
Carbonate Alk CaCO ₃	mg/L	0
Tot. Kjeldahl N.	mg/L	1.2

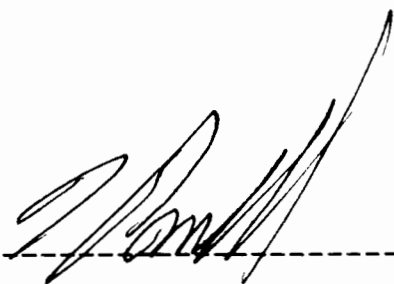
ANALYTICAL PARAMETERS

Nitrogen, total as N	mg/L	1.2
Bicarb. Alk CaCO ₃	mg/L	18
Cyanide as CN	mg/L	<0.02

CC:

REMARKS:

DIRECTOR



377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO. C924002/8

11/06/92

Geraghty & Miller, Inc.
125 East Bethpage Road
Plainview, NY 11803

ATTN: William Conroy

SOURCE OF SAMPLE: Old Bethpage LF, #NY02807, TOTAL

COLLECTED BY: Client DATE COL'D: 10/07/92 RECEIVED: 10/07/92

SAMPLE: Water sample, 6B

ANALYTICAL PARAMETERS

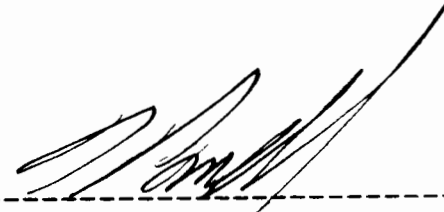
Chloride as Cl	mg/L	250
Ammonia as N	mg/L	68
Iron as Fe	mg/L	25
Hardness as CaCO ₃	mg/L	62
Alkalinity tot CaCO ₃	mg/L	470
Phenols as Phenol	mg/L	<0.001
Barium as Ba	mg/L	0.06
Aluminum as Al	mg/L	<0.20
Copper as Cu	mg/L	<0.02
Lead as Pb	mg/L	<0.005
Manganese as Mn	mg/L	0.46
Nickel as Ni	mg/L	<0.10
Sodium as Na	mg/L	200
Zinc as Zn	mg/L	<0.02
Chromium hex as Cr	mg/L	<0.02
Chromium as Cr	mg/L	<0.005
Mercury as Hg	mg/L	<0.00025
Potassium as K	mg/L	90
Magnesium as Mg	mg/L	10
Calcium as Ca	mg/L	7.7
Tot Dissolved Solids	mg/L	730
Nitrate as N	mg/L	1.4
Sulfate as SO ₄	mg/L	5
Carbonate Alk CaCO ₃	mg/L	0
Tot. Kjeldahl N.	mg/L	70

ANALYTICAL PARAMETERS

Nitrogen, total as N	mg/L	71
Bicarb. Alk CaCO ₃	mg/L	470
Cyanide as CN	mg/L	<0.02

CC:

REMARKS:

DIRECTOR _____


ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO. C924002/10

11/06/92

Geraghty & Miller, Inc.
125 East Bethpage Road
Plainview, NY 11803

ATTN: William Conroy

SOURCE OF SAMPLE: Old Bethpage LF, #NY02807, TOTAL
COLLECTED BY: Client DATE COL'D: 10/07/92 RECEIVED: 10/07/92

SAMPLE: Water sample, 6C

ANALYTICAL PARAMETERS

Chloride as Cl	mg/L	270
Ammonia as N	mg/L	84
Iron as Fe	mg/L	23
Hardness as CaCO ₃	mg/L	120
Alkalinity tot CaCO ₃	mg/L	560
Phenols as Phenol	mg/L	0.010
Barium as Ba	mg/L	0.07
Aluminum as Al	mg/L	<0.20
Copper as Cu	mg/L	<0.02
Lead as Pb	mg/L	<0.005
Manganese as Mn	mg/L	0.23
Nickel as Ni	mg/L	<0.10
Sodium as Na	mg/L	190
Zinc as Zn	mg/L	<0.02
Chromium hex as Cr	mg/L	<0.02
Chromium as Cr	mg/L	<0.005
Mercury as Hg	mg/L	<0.00025
Potassium as K	mg/L	98
Magnesium as Mg	mg/L	16
Calcium as Ca	mg/L	20
Tot Dissolved Solids	mg/L	810
Nitrate as N	mg/L	1.0
Sulfate as SO ₄	mg/L	8
Carbonate Alk CaCO ₃	mg/L	0
Tot. Kjeldahl N.	mg/L	89

ANALYTICAL PARAMETERS

Nitrogen, total as N	mg/L	90
Bicarb. Alk CaCO ₃	mg/L	560
Cyanide as CN	mg/L	<0.02

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO. C924002/12

11/06/92

Geraghty & Miller, Inc.
125 East Bethpage Road
Plainview, NY 11803

ATTN: William Conroy

SOURCE OF SAMPLE: Old Bethpage LF, #NY02807, TOTAL

COLLECTED BY: Client DATE COL'D: 10/07/92 RECEIVED: 10/07/92

SAMPLE: Water sample, 6E

ANALYTICAL PARAMETERS

Chloride as Cl	mg/L	140
Ammonia as N	mg/L	5.4
Iron as Fe	mg/L	0.71
Hardness as CaCO ₃	mg/L	150
Alkalinity tot CaCO ₃	mg/L	10
Phenols as Phenol	mg/L	<0.001
Barium as Ba	mg/L	0.24
Aluminum as Al	mg/L	<0.20
Copper as Cu	mg/L	<0.02
Lead as Pb	mg/L	0.046
Manganese as Mn	mg/L	0.60
Nickel as Ni	mg/L	<0.10
Sodium as Na	mg/L	33
Zinc as Zn	mg/L	0.06
Chromium hex as Cr	mg/L	<0.02
Chromium as Cr	mg/L	<0.005
Mercury as Hg	mg/L	0.00080
Potassium as K	mg/L	10
Magnesium as Mg	mg/L	16
Calcium as Ca	mg/L	30
Tot Dissolved Solids	mg/L	280
Nitrate as N	mg/L	<0.5
Sulfate as SO ₄	mg/L	15
Carbonate Alk CaCO ₃	mg/L	0
Tot. Kjeldahl N.	mg/L	7.2

ANALYTICAL PARAMETERS

Nitrogen, total as N	mg/L	7.2
Bicarb. Alk CaCO ₃	mg/L	10
Cyanide as CN	mg/L	<0.02

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO. C924002/14

11/06/92

Geraghty & Miller, Inc.
125 East Bethpage Road
Plainview, NY 11803

ATTN: William Conroy

SOURCE OF SAMPLE: Old Bethpage LF, #NY02807, TOTAL
COLLECTED BY: Client DATE COL'D: 10/07/92 RECEIVED: 10/07/92

SAMPLE: Water sample, 6F

ANALYTICAL PARAMETERS

Chloride as Cl	mg/L	130
Ammonia as N	mg/L	<0.05
Iron as Fe	mg/L	<0.05
Hardness as CaCO ₃	mg/L	84
Alkalinity tot CaCO ₃	mg/L	4
Phenols as Phenol	mg/L	<0.001
Barium as Ba	mg/L	0.10
Aluminum as Al	mg/L	<0.20
Copper as Cu	mg/L	<0.02
Lead as Pb	mg/L	0.008
Manganese as Mn	mg/L	0.03
Nickel as Ni	mg/L	<0.10
Sodium as Na	mg/L	43
Zinc as Zn	mg/L	<0.02
Chromium hex as Cr	mg/L	<0.02
Chromium as Cr	mg/L	<0.005
Mercury as Hg	mg/L	<0.00025
Potassium as K	mg/L	2.1
Magnesium as Mg	mg/L	9.0
Calcium as Ca	mg/L	19
Tot Dissolved Solids	mg/L	240
Nitrate as N	mg/L	1.6
Sulfate as SO ₄	mg/L	<5
Carbonate Alk CaCO ₃	mg/L	0
Tot. Kjeldahl N.	mg/L	1.2

ANALYTICAL PARAMETERS

Nitrogen, total as N	mg/L	2.8
Bicarb. Alk CaCO ₃	mg/L	4
Cyanide as CN	mg/L	<0.02

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO. C923987/9

11/06/92

Geraghty & Miller, Inc.
125 East Bethpage Road
Plainview, NY 11803

ATTN: William Conroy

SOURCE OF SAMPLE: Old Bethpage LF, #NY02807, TOTAL
COLLECTED BY: Client DATE COL'D: 10/06/92 RECEIVED: 10/06/92

SAMPLE: Water sample, 7B

ANALYTICAL PARAMETERS

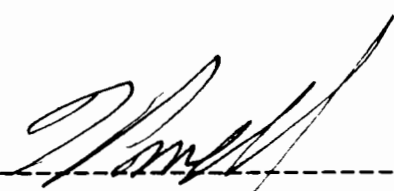
Chloride as Cl	mg/L	96
Ammonia as N	mg/L	<0.05
Iron as Fe	mg/L	1.6
Hardness as CaCO ₃	mg/L	64
Alkalinity tot CaCO ₃	mg/L	14
Phenols as Phenol	mg/L	<0.001
Barium as Ba	mg/L	0.11
Aluminum as Al	mg/L	0.43
Copper as Cu	mg/L	<0.02
Lead as Pb	mg/L	<0.005
Manganese as Mn	mg/L	0.21
Nickel as Ni	mg/L	<0.10
Sodium as Na	mg/L	31
Zinc as Zn	mg/L	0.03
Chromium hex as Cr	mg/L	<0.02
Chromium as Cr	mg/L	0.006
Mercury as Hg	mg/L	<0.00025
Potassium as K	mg/L	2.4
Magnesium as Mg	mg/L	7.7
Calcium as Ca	mg/L	13
Tot Dissolved Solids	mg/L	250
Nitrate as N	mg/L	2.8
Sulfate as SO ₄	mg/L	8
Carbonate Alk CaCO ₃	mg/L	0
Tot. Kjeldahl N.	mg/L	0.8

ANALYTICAL PARAMETERS

Nitrogen, total as N	mg/L	3.6
Bicarb. Alk CaCO ₃	mg/L	14
Cyanide as CN	mg/L	<0.02

cc:

REMARKS:

DIRECTOR 

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO. C923987/5

11/06/92

Geraghty & Miller, Inc.
125 East Bethpage Road
Plainview, NY 11803

ATTN: William Conroy

SOURCE OF SAMPLE: Old Bethpage LF, #NY02807, TOTAL
COLLECTED BY: Client DATE COL'D: 10/06/92 RECEIVED: 10/06/92

SAMPLE: Water sample, 8A

ANALYTICAL PARAMETERS

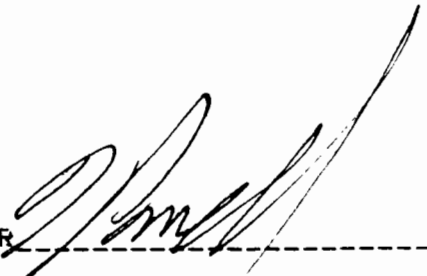
Chloride as Cl	mg/L	21
Ammonia as N	mg/L	1.7
Iron as Fe	mg/L	0.17
Hardness as CaCO ₃	mg/L	52
Alkalinity tot CaCO ₃	mg/L	26
Phenols as Phenol	mg/L	<0.001
Barium as Ba	mg/L	0.08
Aluminum as Al	mg/L	<0.20
Copper as Cu	mg/L	<0.02
Lead as Pb	mg/L	<0.005
Manganese as Mn	mg/L	0.20
Nickel as Ni	mg/L	<0.10
Sodium as Na	mg/L	10
Zinc as Zn	mg/L	0.02
Chromium hex as Cr	mg/L	<0.02
Chromium as Cr	mg/L	<0.005
Mercury as Hg	mg/L	<0.00025
Potassium as K	mg/L	3.2
Magnesium as Mg	mg/L	4.0
Calcium as Ca	mg/L	14
Tot Dissolved Solids	mg/L	110
Nitrate as N	mg/L	<0.5
Sulfate as SO ₄	mg/L	31
Carbonate Alk CaCO ₃	mg/L	0
Tot. Kjeldahl N.	mg/L	1.0

ANALYTICAL PARAMETERS

Nitrogen, total as N	mg/L	1.0
Bicarb. Alk CaCO ₃	mg/L	26
Cyanide as CN	mg/L	<0.02

CC:

REMARKS:

DIRECTOR 

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO. C923987/7

11/06/92

Geraghty & Miller, Inc.
125 East Bethpage Road
Plainview, NY 11803

ATTN: William Conroy

SOURCE OF SAMPLE: Old Bethpage LF, #NY02807, TOTAL
COLLECTED BY: Client DATE COL'D: 10/06/92 RECEIVED: 10/06/92

SAMPLE: Water sample, 8B

ANALYTICAL PARAMETERS

Chloride as Cl	mg/L	130
Ammonia as N	mg/L	1.7
Iron as Fe	mg/L	1.0
Hardness as CaCO ₃	mg/L	130
Alkalinity tot CaCO ₃	mg/L	8
Phenols as Phenol	mg/L	<0.001
Barium as Ba	mg/L	0.32
Aluminum as Al	mg/L	<0.20
Copper as Cu	mg/L	<0.02
Lead as Pb	mg/L	<0.005
Manganese as Mn	mg/L	1.0
Nickel as Ni	mg/L	<0.10
Sodium as Na	mg/L	31
Zinc as Zn	mg/L	0.07
Chromium hex as Cr	mg/L	<0.02
Chromium as Cr	mg/L	<0.005
Mercury as Hg	mg/L	<0.00025
Potassium as K	mg/L	14
Magnesium as Mg	mg/L	11
Calcium as Ca	mg/L	34
Tot Dissolved Solids	mg/L	320
Nitrate as N	mg/L	<0.5
Sulfate as SO ₄	mg/L	19
Carbonate Alk CaCO ₃	mg/L	0
Tot. Kjeldahl N.	mg/L	1.8

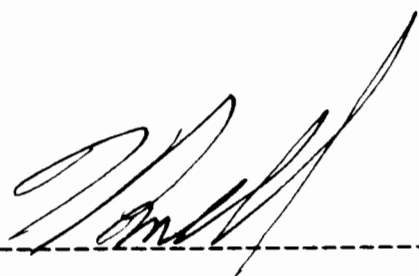
ANALYTICAL PARAMETERS

Nitrogen, total as N	mg/L	1.8
Bicarb. Alk CaCO ₃	mg/L	8
Cyanide as CN	mg/L	<0.02
Barium as Ba	mg/L	0.32

CC:

REMARKS:

DIRECTOR



ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO. C924014/2

11/02/92

Geraghty & Miller, Inc.
125 East Bethpage Road
Plainview, NY 11803

ATTN: William Conroy

SOURCE OF SAMPLE: Old Bethpage LF, #NY02807, TOTAL
COLLECTED BY: Client DATE COL'D: 10/08/92 RECEIVED: 10/08/92

SAMPLE: Water sample, 9B

ANALYTICAL PARAMETERS

Chloride as Cl	mg/L	22
Ammonia as N	mg/L	1.8
Iron as Fe	mg/L	0.05
Hardness as CaCO ₃	mg/L	56
Alkalinity tot CaCO ₃	mg/L	10
Phenols as Phenol	mg/L	<0.001
Barium as Ba	mg/L	0.08
Aluminum as Al	mg/L	<0.20
Copper as Cu	mg/L	<0.02
Lead as Pb	mg/L	<0.005
Manganese as Mn	mg/L	0.22
Nickel as Ni	mg/L	<0.10
Sodium as Na	mg/L	13
Zinc as Zn	mg/L	<0.02
Chromium hex as Cr	mg/L	<0.02
Chromium as Cr	mg/L	<0.005
Mercury as Hg	mg/L	0.00097
Potassium as K	mg/L	5.6
Magnesium as Mg	mg/L	7.7
Calcium as Ca	mg/L	9.6
Tot Dissolved Solids	mg/L	120
Nitrate as N	mg/L	4.3
Sulfate as SO ₄	mg/L	35
Carbonate Alk CaCO ₃	mg/L	0
Tot. Kjeldahl N.	mg/L	4.0

ANALYTICAL PARAMETERS

Nitrogen, total as N	mg/L	8.3
Bicarb. Alk CaCO ₃	mg/L	10
Cyanide as CN	mg/L	<0.02

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO. C924014/4

11/02/92

Geraghty & Miller, Inc.
125 East Bethpage Road
Plainview, NY 11803

ATTN: William Conroy

SOURCE OF SAMPLE: Old Bethpage LF, #NY02807, TOTAL
COLLECTED BY: Client DATE COL'D: 10/08/92 RECEIVED: 10/08/92

SAMPLE: Water sample, 9C

ANALYTICAL PARAMETERS

Chloride as Cl	mg/L	390
Ammonia as N	mg/L	105
Iron as Fe	mg/L	<0.05
Hardness as CaCO ₃	mg/L	87
Alkalinity tot CaCO ₃	mg/L	640
Phenols as Phenol	mg/L	<0.001
Barium as Ba	mg/L	0.08
Aluminum as Al	mg/L	<0.20
Copper as Cu	mg/L	0.02
Lead as Pb	mg/L	<0.005
Manganese as Mn	mg/L	0.17
Nickel as Ni	mg/L	<0.10
Sodium as Na	mg/L	250
Zinc as Zn	mg/L	<0.02
Chromium hex as Cr	mg/L	<0.02
Chromium as Cr	mg/L	<0.005
Mercury as Hg	mg/L	0.00043
Potassium as K	mg/L	140
Magnesium as Mg	mg/L	16
Calcium as Ca	mg/L	8.5
Tot Dissolved Solids	mg/L	1100
Nitrate as N	mg/L	<0.5
Sulfate as SO ₄	mg/L	14
Carbonate Alk CaCO ₃	mg/L	0
Tot. Kjeldahl N.	mg/L	120

ANALYTICAL PARAMETERS

Nitrogen, total as N	mg/L	120
Bicarb. Alk CaCO ₃	mg/L	640
Cyanide as CN	mg/L	<0.02

CC:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO. C924014/6

11/02/92

Geraghty & Miller, Inc.
125 East Bethpage Road
Plainview, NY 11803

ATTN: William Conroy

SOURCE OF SAMPLE: Old Bethpage LF, #NY02807, TOTAL
COLLECTED BY: Client DATE COL'D: 10/08/92 RECEIVED: 10/08/92

SAMPLE: Water sample, 11A

ANALYTICAL PARAMETERS

Chloride as Cl	mg/L	7
Ammonia as N	mg/L	0.25
Iron as Fe	mg/L	<0.05
Hardness as CaCO ₃	mg/L	9.2
Alkalinity tot CaCO ₃	mg/L	6
Phenols as Phenol	mg/L	<0.001
Barium as Ba	mg/L	<0.05
Aluminum as Al	mg/L	<0.20
Copper as Cu	mg/L	<0.02
Lead as Pb	mg/L	<0.005
Manganese as Mn	mg/L	<0.02
Nickel as Ni	mg/L	<0.10
Sodium as Na	mg/L	5.2
Zinc as Zn	mg/L	<0.02
Chromium hex as Cr	mg/L	<0.02
Chromium as Cr	mg/L	<0.005
Mercury as Hg	mg/L	<0.00025
Potassium as K	mg/L	0.63
Magnesium as Mg	mg/L	0.97
Calcium as Ca	mg/L	2.1
Tot Dissolved Solids	mg/L	36
Nitrate as N	mg/L	2.7
Sulfate as SO ₄	mg/L	<5
Carbonate Alk CaCO ₃	mg/L	0
Tot. Kjeldahl N.	mg/L	0.8

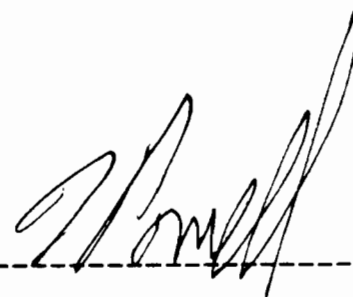
ANALYTICAL PARAMETERS

Nitrogen, total as N	mg/L	3.5
Bicarb. Alk CaCO ₃	mg/L	6
Cyanide as CN	mg/L	<0.02

CC:

REMARKS:

DIRECTOR



ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO. C924014/8

11/02/92

Geraghty & Miller, Inc.
125 East Bethpage Road
Plainview, NY 11803

ATTN: William Conroy

SOURCE OF SAMPLE: Old Bethpage LF, #NY02807, TOTAL

COLLECTED BY: Client DATE COL'D: 10/08/92 RECEIVED: 10/08/92

SAMPLE: Water sample, 11B

ANALYTICAL PARAMETERS

Chloride as Cl	mg/L	6
Ammonia as N	mg/L	<0.05
Iron as Fe	mg/L	<0.05
Hardness as CaCO ₃	mg/L	7.1
Alkalinity tot CaCO ₃	mg/L	4
Phenols as Phenol	mg/L	<0.001
Barium as Ba	mg/L	<0.05
Aluminum as Al	mg/L	<0.20
Copper as Cu	mg/L	<0.02
Lead as Pb	mg/L	<0.005
Manganese as Mn	mg/L	0.02
Nickel as Ni	mg/L	<0.10
Sodium as Na	mg/L	4.2
Zinc as Zn	mg/L	<0.02
Chromium hex as Cr	mg/L	<0.02
Chromium as Cr	mg/L	<0.005
Mercury as Hg	mg/L	<0.00025
Potassium as K	mg/L	0.59
Magnesium as Mg	mg/L	0.76
Calcium as Ca	mg/L	1.6
Tot Dissolved Solids	mg/L	29
Nitrate as N	mg/L	1.8
Sulfate as SO ₄	mg/L	<5
Carbonate Alk CaCO ₃	mg/L	0
Tot. Kjeldahl N.	mg/L	1.2

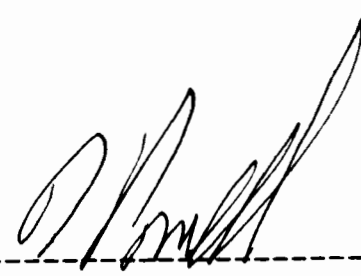
ANALYTICAL PARAMETERS

Nitrogen, total as N	mg/L	3.0
Bicarb. Alk CaCO ₃	mg/L	4
Cyanide as CN	mg/L	<0.02

CC:

REMARKS:

DIRECTOR



377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO. C923987/11

11/06/92

Geraghty & Miller, Inc.
125 East Bethpage Road
Plainview, NY 11803

ATTN: William Conroy

SOURCE OF SAMPLE: Old Bethpage LF, #NY02807, TOTAL

COLLECTED BY: Client DATE COL'D: 10/06/92 RECEIVED: 10/06/92

SAMPLE: Water sample, OBS-1

ANALYTICAL PARAMETERS

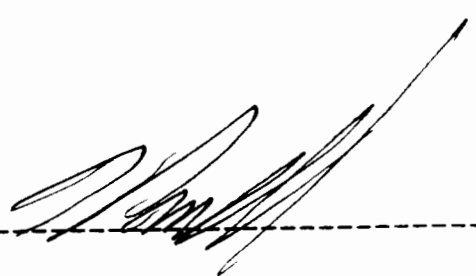
Chloride as Cl	mg/L	21
Ammonia as N	mg/L	0.16
Iron as Fe	mg/L	0.34
Hardness as CaCO ₃	mg/L	43
Alkalinity tot CaCO ₃	mg/L	22
Phenols as Phenol	mg/L	<0.001
Barium as Ba	mg/L	<0.05
Aluminum as Al	mg/L	<0.20
Copper as Cu	mg/L	<0.02
Lead as Pb	mg/L	<0.005
Manganese as Mn	mg/L	0.24
Nickel as Ni	mg/L	<0.10
Sodium as Na	mg/L	7.2
Zinc as Zn	mg/L	0.49
Chromium hex as Cr	mg/L	<0.02
Chromium as Cr	mg/L	<0.005
Mercury as Hg	mg/L	<0.00025
Potassium as K	mg/L	1.9
Magnesium as Mg	mg/L	6.3
Calcium as Ca	mg/L	6.9
Tot Dissolved Solids	mg/L	100
Nitrate as N	mg/L	1.4
Sulfate as SO ₄	mg/L	23
Carbonate Alk CaCO ₃	mg/L	0
Tot. Kjeldahl N.	mg/L	1.0

ANALYTICAL PARAMETERS

Nitrogen, total as N	mg/L	2.4
Bicarb. Alk CaCO ₃	mg/L	22
Cyanide as CN	mg/L	<0.02

CC:

REMARKS:

DIRECTOR _____


ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO. C924002/2

11/06/92

Geraghty & Miller, Inc.
125 East Bethpage Road
Plainview, NY 11803

ATTN: William Conroy

SOURCE OF SAMPLE: Old Bethpage LF, #NY02807, TOTAL
COLLECTED BY: Client DATE COL'D: 10/07/92 RECEIVED: 10/07/92

SAMPLE: Water sample, Rep 1

ANALYTICAL PARAMETERS

Chloride as Cl	mg/L	270
Ammonia as N	mg/L	87
Iron as Fe	mg/L	23
Hardness as CaCO ₃	mg/L	100
Alkalinity tot CaCO ₃	mg/L	560
Phenols as Phenol	mg/L	0.008
Barium as Ba	mg/L	0.08
Aluminum as Al	mg/L	<0.20
Copper as Cu	mg/L	<0.02
Lead as Pb	mg/L	<0.005
Manganese as Mn	mg/L	0.23
Nickel as Ni	mg/L	<0.10
Sodium as Na	mg/L	200
Zinc as Zn	mg/L	<0.02
Chromium hex as Cr	mg/L	<0.02
Chromium as Cr	mg/L	<0.005
Mercury as Hg	mg/L	<0.00025
Potassium as K	mg/L	100
Magnesium as Mg	mg/L	13
Calcium as Ca	mg/L	20
Tot Dissolved Solids	mg/L	810
Nitrate as N	mg/L	0.8
Sulfate as SO ₄	mg/L	9
Carbonate Alk CaCO ₃	mg/L	0
Tot. Kjeldahl N.	mg/L	92

ANALYTICAL PARAMETERS

Nitrogen, total as N	mg/L	93
Bicarb. Alk CaCO ₃	mg/L	560
Cyanide as CN	mg/L	<0.02

CC:

REMARKS:

DIRECTOR

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO. C923987/3

11/06/92

Geraghty & Miller, Inc.
125 East Bethpage Road
Plainview, NY 11803

ATTN: William Conroy

SOURCE OF SAMPLE: Old Bethpage LF, #NY02807, TOTAL

COLLECTED BY: Client DATE COL'D: 10/06/92 RECEIVED: 10/06/92

SAMPLE: Water sample, M-30B

ANALYTICAL PARAMETERS

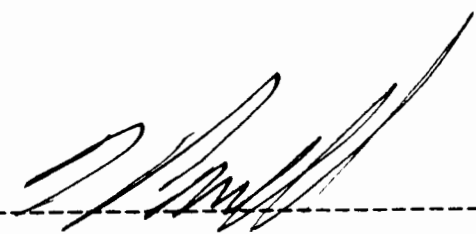
Chloride as Cl	mg/L	72
Ammonia as N	mg/L	<0.05
Iron as Fe	mg/L	340
Hardness as CaCO ₃	mg/L	100
Alkalinity tot CaCO ₃	mg/L	30
Phenols as Phenol	mg/L	<0.001
Barium as Ba	mg/L	3.8
Aluminum as Al	mg/L	160
Copper as Cu	mg/L	0.18
Lead as Pb	mg/L	0.15
Manganese as Mn	mg/L	3.9
Nickel as Ni	mg/L	<0.10
Sodium as Na	mg/L	27
Zinc as Zn	mg/L	0.21
Chromium hex as Cr	mg/L	<0.02
Chromium as Cr	mg/L	0.25
Mercury as Hg	mg/L	<0.00025
Potassium as K	mg/L	8.1
Magnesium as Mg	mg/L	15
Calcium as Ca	mg/L	18
Tot Dissolved Solids	mg/L	210
Nitrate as N	mg/L	4.8
Sulfate as SO ₄	mg/L	33
Carbonate Alk CaCO ₃	mg/L	0
Tot. Kjeldahl N.	mg/L	1.4

ANALYTICAL PARAMETERS

Nitrogen, total as N	mg/L	6.2
Bicarb. Alk CaCO ₃	mg/L	30
Cyanide as CN	mg/L	<0.02

CC:

REMARKS:

DIRECTOR 

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO. C924014/10

11/02/92

Geraghty & Miller, Inc.
125 East Bethpage Road
Plainview, NY 11803

ATTN: William Conroy

SOURCE OF SAMPLE: Old Bethpage LF, #NY02807, TOTAL

COLLECTED BY: Client DATE COL'D: 10/08/92 RECEIVED: 10/08/92

SAMPLE: Leachate sample, LF1

ANALYTICAL PARAMETERS

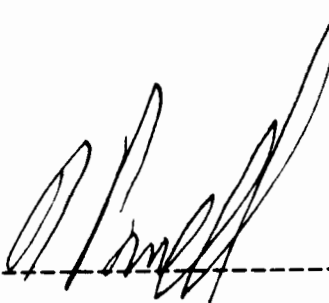
Chloride as Cl	mg/L	110
Ammonia as N	mg/L	39
Iron as Fe	mg/L	1.6
Hardness as CaCO ₃	mg/L	96
Alkalinity tot CaCO ₃	mg/L	300
Manganese as Mn	mg/L	2.0
Sodium as Na	mg/L	85
Potassium as K	mg/L	59
Calcium as Ca	mg/L	13
Tot Dissolved Solids	mg/L	390
Nitrate as N	mg/L	<0.5
Sulfate as SO ₄	mg/L	38
Carbonate Alk CaCO ₃	mg/L	0
Tot. Kjeldahl N.	mg/L	41
Bicarb. Alk CaCO ₃	mg/L	300

ANALYTICAL PARAMETERS

cc:

REMARKS:

DIRECTOR



ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO. C924002/5

11/06/92

Geraghty & Miller, Inc.
125 East Bethpage Road
Plainview, NY 11803

ATTN: William Conroy

SOURCE OF SAMPLE: Old Bethpage LF, #NY02807, DISSOLVED
COLLECTED BY: Client DATE COL'D: 10/07/92 RECEIVED: 10/07/92

SAMPLE: Water sample, 5B

ANALYTICAL PARAMETERS

Iron as Fe	mg/L	<0.05
Aluminum as Al	mg/L	<0.20
Copper as Cu	mg/L	<0.02
Lead as Pb	mg/L	<0.005
Manganese as Mn	mg/L	0.84
Nickel as Ni	mg/L	<0.10
Sodium as Na	mg/L	300
Zinc as Zn	mg/L	<0.02
Chromium as Cr	mg/L	<0.005
Mercury as Hg	mg/L	<0.00025
Potassium as K	mg/L	86
Magnesium as Mg	mg/L	29
Calcium as Ca	mg/L	34
Barium as Ba	mg/L	0.13

ANALYTICAL PARAMETERS

CC:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO. C924002/7

11/06/92

Geraghty & Miller, Inc.
125 East Bethpage Road
Plainview, NY 11803

ATTN: William Conroy

SOURCE OF SAMPLE: Old Bethpage LF, #NY02807, DISSOLVED

COLLECTED BY: Client DATE COL'D: 10/07/92 RECEIVED: 10/07/92

SAMPLE: Water sample, 6A

ANALYTICAL PARAMETERS

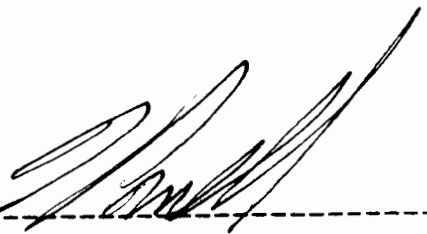
Iron as Fe	mg/L	0.68
Aluminum as Al	mg/L	<0.20
Copper as Cu	mg/L	<0.02
Lead as Pb	mg/L	<0.005
Manganese as Mn	mg/L	0.06
Nickel as Ni	mg/L	<0.10
Sodium as Na	mg/L	5.1
Zinc as Zn	mg/L	0.05
Chromium as Cr	mg/L	<0.005
Mercury as Hg	mg/L	<0.00025
Potassium as K	mg/L	0.89
Magnesium as Mg	mg/L	1.6
Calcium as Ca	mg/L	2.2
Barium as Ba	mg/L	<0.05

ANALYTICAL PARAMETERS

CC:

REMARKS:

DIRECTOR



ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO. C924002/9

11/06/92

Geraghty & Miller, Inc.
125 East Bethpage Road
Plainview, NY 11803

ATTN: William Conroy

SOURCE OF SAMPLE: Old Bethpage LF, #NY02807, DISSOLVED
COLLECTED BY: Client DATE COL'D: 10/07/92 RECEIVED: 10/07/92

SAMPLE: Water sample, 6B

ANALYTICAL PARAMETERS

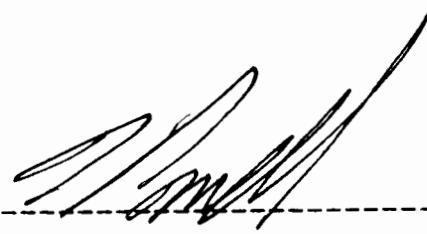
Iron as Fe	mg/L	25
Aluminum as Al	mg/L	<0.20
Copper as Cu	mg/L	<0.02
Lead as Pb	mg/L	<0.005
Manganese as Mn	mg/L	0.46
Nickel as Ni	mg/L	<0.10
Sodium as Na	mg/L	180
Zinc as Zn	mg/L	0.02
Chromium as Cr	mg/L	<0.005
Mercury as Hg	mg/L	<0.00025
Potassium as K	mg/L	87
Magnesium as Mg	mg/L	10
Calcium as Ca	mg/L	7.9
Barium as Ba	mg/L	0.08

ANALYTICAL PARAMETERS

CC:

REMARKS:

DIRECTOR



ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO. C924002/11

11/06/92

Geraghty & Miller, Inc.
125 East Bethpage Road
Plainview, NY 11803

ATTN: William Conroy

SOURCE OF SAMPLE: Old Bethpage LF, #NY02807, DISSOLVED
COLLECTED BY: Client DATE COL'D: 10/07/92 RECEIVED: 10/07/92

SAMPLE: Water sample, 6C

ANALYTICAL PARAMETERS

Iron as Fe	mg/L	21
Aluminum as Al	mg/L	<0.20
Copper as Cu	mg/L	<0.02
Lead as Pb	mg/L	<0.005
Manganese as Mn	mg/L	0.22
Nickel as Ni	mg/L	<0.10
Sodium as Na	mg/L	170
Zinc as Zn	mg/L	0.02
Chromium as Cr	mg/L	<0.005
Mercury as Hg	mg/L	<0.00025
Potassium as K	mg/L	110
Magnesium as Mg	mg/L	16
Calcium as Ca	mg/L	19
Barium as Ba	mg/L	0.09

ANALYTICAL PARAMETERS

CC:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO. C924002/13

11/06/92

Geraghty & Miller, Inc.
125 East Bethpage Road
Plainview, NY 11803

ATTN: William Conroy

SOURCE OF SAMPLE: Old Bethpage LF, #NY02807, DISSOLVED
COLLECTED BY: Client DATE COL'D: 10/07/92 RECEIVED: 10/07/92

SAMPLE: Water sample, 6E

ANALYTICAL PARAMETERS

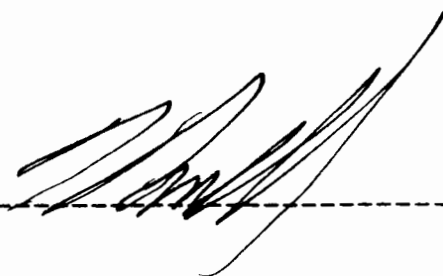
Iron as Fe	mg/L	0.69
Aluminum as Al	mg/L	<0.20
Copper as Cu	mg/L	<0.02
Lead as Pb	mg/L	<0.005
Manganese as Mn	mg/L	0.60
Nickel as Ni	mg/L	<0.10
Sodium as Na	mg/L	31
Zinc as Zn	mg/L	0.06
Chromium as Cr	mg/L	<0.005
Mercury as Hg	mg/L	<0.00025
Potassium as K	mg/L	10
Magnesium as Mg	mg/L	16
Calcium as Ca	mg/L	30
Barium as Ba	mg/L	0.26

ANALYTICAL PARAMETERS

cc:

REMARKS:

DIRECTOR



rn=

17672

NYSDOH ID# 10320

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO. C924002/15

11/06/92

Geraghty & Miller, Inc.
125 East Bethpage Road
Plainview, NY 11803

ATTN: William Conroy

SOURCE OF SAMPLE: Old Bethpage LF, #NY02807, DISSOLVED
COLLECTED BY: Client DATE COL'D: 10/07/92 RECEIVED: 10/07/92

SAMPLE: Water sample, 6F

ANALYTICAL PARAMETERS

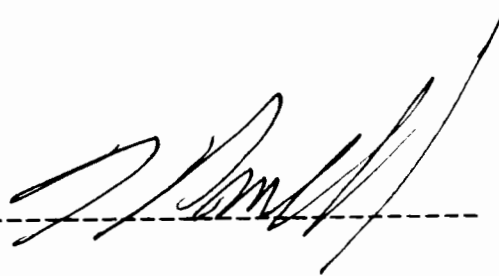
Iron as Fe	mg/L	<0.05
Aluminum as Al	mg/L	<0.20
Copper as Cu	mg/L	<0.02
Lead as Pb	mg/L	<0.005
Manganese as Mn	mg/L	0.04
Nickel as Ni	mg/L	<0.10
Sodium as Na	mg/L	45
Zinc as Zn	mg/L	0.04
Chromium as Cr	mg/L	<0.005
Mercury as Hg	mg/L	<0.00025
Potassium as K	mg/L	2.1
Magnesium as Mg	mg/L	9.0
Calcium as Ca	mg/L	20
Barium as Ba	mg/L	0.12

ANALYTICAL PARAMETERS

CC:

REMARKS:

DIRECTOR



ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO. C923987/10

11/06/92

Geraghty & Miller, Inc.
125 East Bethpage Road
Plainview, NY 11803

ATTN: William Conroy

SOURCE OF SAMPLE: Old Bethpage LF, #NY02807, DISSOLVED
COLLECTED BY: Client DATE COL'D: 10/06/92 RECEIVED: 10/06/92

SAMPLE: Water sample, 7B

ANALYTICAL PARAMETERS

Iron as Fe	mg/L	<0.05
Aluminum as Al	mg/L	<0.20
Copper as Cu	mg/L	<0.02
Lead as Pb	mg/L	<0.005
Manganese as Mn	mg/L	0.21
Nickel as Ni	mg/L	<0.10
Sodium as Na	mg/L	40
Zinc as Zn	mg/L	0.04
Chromium as Cr	mg/L	<0.005
Mercury as Hg	mg/L	<0.00025
Potassium as K	mg/L	2.7
Magnesium as Mg	mg/L	8.1
Calcium as Ca	mg/L	15
Barium as Ba	mg/L	0.14

ANALYTICAL PARAMETERS

CC:

REMARKS:

DIRECTOR



ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO. C923987/6

11/06/92

Geraghty & Miller, Inc.
125 East Bethpage Road
Plainview, NY 11803

ATTN: William Conroy

SOURCE OF SAMPLE: Old Bethpage LF, #NY02807, DISSOLVED
COLLECTED BY: Client DATE COL'D: 10/06/92 RECEIVED: 10/06/92

SAMPLE: Water sample, 8A

ANALYTICAL PARAMETERS

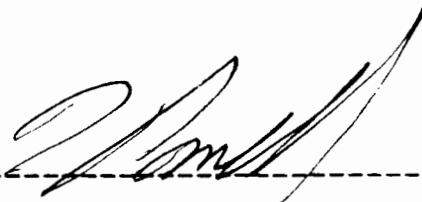
Iron as Fe	mg/L	0.11
Aluminum as Al	mg/L	<0.20
Copper as Cu	mg/L	<0.02
Lead as Pb	mg/L	<0.005
Manganese as Mn	mg/L	0.20
Nickel as Ni	mg/L	<0.10
Sodium as Na	mg/L	10
Zinc as Zn	mg/L	0.03
Chromium as Cr	mg/L	<0.005
Mercury as Hg	mg/L	<0.00025
Potassium as K	mg/L	3.2
Magnesium as Mg	mg/L	3.9
Calcium as Ca	mg/L	15
Barium as Ba	mg/L	0.08

ANALYTICAL PARAMETERS

CC:

REMARKS:

DIRECTOR



ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO. C923987/8

11/06/92

Geraghty & Miller, Inc.
125 East Bethpage Road
Plainview, NY 11803

ATTN: William Conroy

SOURCE OF SAMPLE: Old Bethpage LF, #NY02807, DISSOLVED
COLLECTED BY: Client DATE COL'D: 10/06/92 RECEIVED: 10/06/92

SAMPLE: Water sample, 8B

ANALYTICAL PARAMETERS

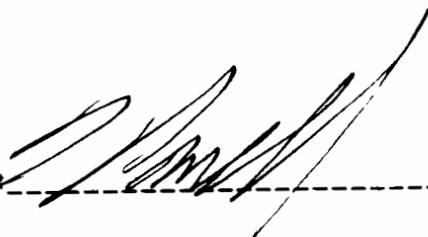
Iron as Fe	mg/L	1.0
Aluminum as Al	mg/L	<0.20
Copper as Cu	mg/L	<0.02
Lead as Pb	mg/L	<0.005
Manganese as Mn	mg/L	1.0
Nickel as Ni	mg/L	<0.10
Sodium as Na	mg/L	30
Zinc as Zn	mg/L	0.06
Chromium as Cr	mg/L	<0.005
Mercury as Hg	mg/L	<0.00025
Potassium as K	mg/L	14
Magnesium as Mg	mg/L	11
Calcium as Ca	mg/L	33
Barium as Ba	mg/L	0.32

ANALYTICAL PARAMETERS

cc:

REMARKS:

DIRECTOR



ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO. C924014/3

11/02/92

Geraghty & Miller, Inc.
125 East Bethpage Road
Plainview, NY 11803

ATTN: William Conroy

SOURCE OF SAMPLE: Old Bethpage LF, #NY02807, DISSOLVED
COLLECTED BY: Client DATE COL'D: 10/08/92 RECEIVED: 10/08/92

SAMPLE: Water sample, 9B

ANALYTICAL PARAMETERS

Iron as Fe	mg/L	<0.05
Aluminum as Al	mg/L	<0.20
Copper as Cu	mg/L	<0.02
Lead as Pb	mg/L	<0.005
Manganese as Mn	mg/L	0.22
Nickel as Ni	mg/L	<0.10
Sodium as Na	mg/L	13
Zinc as Zn	mg/L	<0.02
Chromium as Cr	mg/L	<0.005
Mercury as Hg	mg/L	0.00067
Potassium as K	mg/L	5.7
Magnesium as Mg	mg/L	6.8
Calcium as Ca	mg/L	9.6
Barium as Ba	mg/L	0.09

ANALYTICAL PARAMETERS

CC:

REMARKS:

DIRECTOR



ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO. C924014/5

11/02/92

Geraghty & Miller, Inc.
125 East Bethpage Road
Plainview, NY 11803

ATTN: William Conroy

SOURCE OF SAMPLE: Old Bethpage LF, #NY02807, DISSOLVED
COLLECTED BY: Client DATE COL'D: 10/08/92 RECEIVED: 10/08/92

SAMPLE: Water sample, 9C

ANALYTICAL PARAMETERS

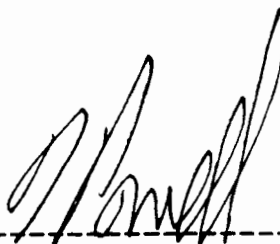
Iron as Fe	mg/L	<0.05
Aluminum as Al	mg/L	<0.20
Copper as Cu	mg/L	0.02
Lead as Pb	mg/L	<0.005
Manganese as Mn	mg/L	0.16
Nickel as Ni	mg/L	<0.10
Sodium as Na	mg/L	240
Zinc as Zn	mg/L	<0.02
Chromium as Cr	mg/L	<0.005
Mercury as Hg	mg/L	<0.00025
Potassium as K	mg/L	150
Magnesium as Mg	mg/L	15
Calcium as Ca	mg/L	8.2
Barium as Ba	mg/L	0.09

ANALYTICAL PARAMETERS

CC:

REMARKS:

DIRECTOR



ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO. C924014/7

11/02/92

Geraghty & Miller, Inc.
125 East Bethpage Road
Plainview, NY 11803

ATTN: William Conroy

SOURCE OF SAMPLE: Old Bethpage LF, #NY02807, DISSOLVED
COLLECTED BY: Client DATE COL'D: 10/08/92 RECEIVED: 10/08/92

SAMPLE: Water sample, 11A

ANALYTICAL PARAMETERS

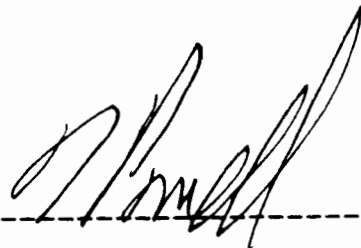
Iron as Fe	mg/L	<0.05
Aluminum as Al	mg/L	<0.20
Copper as Cu	mg/L	<0.02
Lead as Pb	mg/L	<0.005
Manganese as Mn	mg/L	<0.02
Nickel as Ni	mg/L	<0.10
Sodium as Na	mg/L	5.3
Zinc as Zn	mg/L	<0.02
Chromium as Cr	mg/L	<0.005
Mercury as Hg	mg/L	<0.00025
Potassium as K	mg/L	0.64
Magnesium as Mg	mg/L	1.1
Calcium as Ca	mg/L	2.1
Barium as Ba	mg/L	<0.05

ANALYTICAL PARAMETERS

CC:

REMARKS:

DIRECTOR



ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO. C924014/9

11/02/92

Geraghty & Miller, Inc.
125 East Bethpage Road
Plainview, NY 11803

ATTN: William Conroy

SOURCE OF SAMPLE: Old Bethpage LF, #NY02807, DISSOLVED
COLLECTED BY: Client DATE COL'D: 10/08/92 RECEIVED: 10/08/92

SAMPLE: Water sample, 11B

ANALYTICAL PARAMETERS

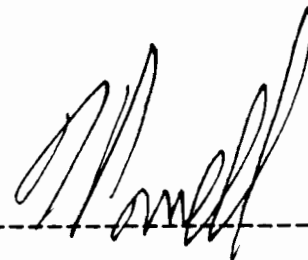
Iron as Fe	mg/L	<0.05
Aluminum as Al	mg/L	<0.20
Copper as Cu	mg/L	<0.02
Lead as Pb	mg/L	<0.005
Manganese as Mn	mg/L	<0.02
Nickel as Ni	mg/L	<0.10
Sodium as Na	mg/L	4.4
Zinc as Zn	mg/L	<0.02
Chromium as Cr	mg/L	<0.005
Mercury as Hg	mg/L	<0.00025
Potassium as K	mg/L	0.60
Magnesium as Mg	mg/L	0.75
Calcium as Ca	mg/L	1.6
Barium as Ba	mg/L	<0.05

ANALYTICAL PARAMETERS

CC:

REMARKS:

DIRECTOR



ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO. C923987/12

11/06/92

Geraghty & Miller, Inc.
125 East Bethpage Road
Plainview, NY 11803

ATTN: William Conroy

SOURCE OF SAMPLE: Old Bethpage LF, #NY02807, DISSOLVED

COLLECTED BY: Client DATE COL'D: 10/06/92 RECEIVED: 10/06/92

SAMPLE: Water sample, OBS-1

ANALYTICAL PARAMETERS

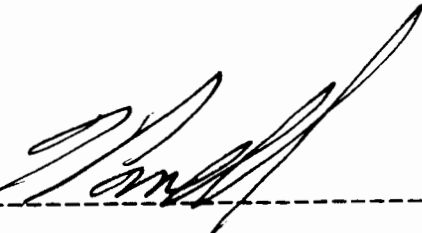
Iron as Fe	mg/L	<0.05
Aluminum as Al	mg/L	<0.20
Copper as Cu	mg/L	<0.02
Lead as Pb	mg/L	<0.005
Manganese as Mn	mg/L	0.27
Nickel as Ni	mg/L	<0.10
Sodium as Na	mg/L	9.8
Zinc as Zn	mg/L	0.45
Chromium as Cr	mg/L	<0.005
Mercury as Hg	mg/L	<0.00025
Potassium as K	mg/L	2.3
Magnesium as Mg	mg/L	6.9
Calcium as Ca	mg/L	8.2
Barium as Ba	mg/L	0.06

ANALYTICAL PARAMETERS

cc:

REMARKS:

DIRECTOR



ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO. C924002/3

11/06/92

Geraghty & Miller, Inc.
125 East Bethpage Road
Plainview, NY 11803

ATTN: William Conroy

SOURCE OF SAMPLE: Old Bethpage LF, #NY02807, DISSOLVED
COLLECTED BY: Client DATE COL'D: 10/07/92 RECEIVED: 10/07/92

SAMPLE: Water sample, Rep 1

ANALYTICAL PARAMETERS

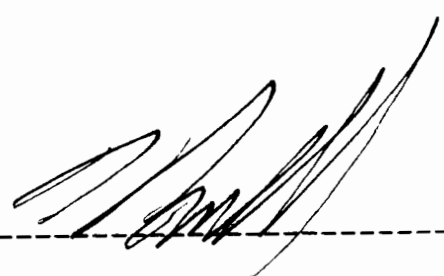
Iron as Fe	mg/L	21
Aluminum as Al	mg/L	<0.20
Copper as Cu	mg/L	<0.02
Lead as Pb	mg/L	<0.005
Manganese as Mn	mg/L	0.21
Nickel as Ni	mg/L	<0.10
Sodium as Na	mg/L	210
Zinc as Zn	mg/L	<0.02
Chromium as Cr	mg/L	<0.005
Mercury as Hg	mg/L	<0.00025
Potassium as K	mg/L	110
Magnesium as Mg	mg/L	12
Calcium as Ca	mg/L	19
Barium as Ba	mg/L	0.09

ANALYTICAL PARAMETERS

CC:

REMARKS:

DIRECTOR



ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO. C923987/4

11/06/92

Geraghty & Miller, Inc.
125 East Bethpage Road
Plainview, NY 11803

ATTN: William Conroy

SOURCE OF SAMPLE: Old Bethpage LF, #NY02807, DISSOLVED
COLLECTED BY: Client DATE COL'D: 10/06/92 RECEIVED: 10/06/92

SAMPLE: Water sample, M-30B

ANALYTICAL PARAMETERS

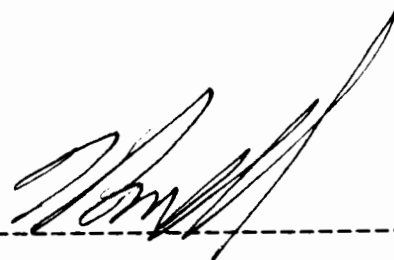
Iron as Fe	mg/L	<0.05
Aluminum as Al	mg/L	<0.20
Copper as Cu	mg/L	<0.02
Lead as Pb	mg/L	<0.005
Manganese as Mn	mg/L	0.21
Nickel as Ni	mg/L	<0.10
Sodium as Na	mg/L	32
Zinc as Zn	mg/L	0.05
Chromium as Cr	mg/L	0.006
Mercury as Hg	mg/L	<0.00025
Potassium as K	mg/L	2.2
Magnesium as Mg	mg/L	11
Calcium as Ca	mg/L	17
Barium as Ba	mg/L	0.18

ANALYTICAL PARAMETERS

CC:

REMARKS:

DIRECTOR



ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO. C924014/11

11/02/92

Geraghty & Miller, Inc.
125 East Bethpage Road
Plainview, NY 11803

ATTN: William Conroy

SOURCE OF SAMPLE: Old Bethpage LF, #NY02807, DISSOLVED

COLLECTED BY: Client DATE COL'D: 10/08/92 RECEIVED: 10/08/92

SAMPLE: Leachate sample, LF1

ANALYTICAL PARAMETERS

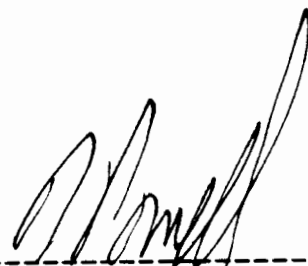
Iron as Fe	mg/L	1.4
Manganese as Mn	mg/L	2.0
Sodium as Na	mg/L	85
Potassium as K	mg/L	54
Calcium as Ca	mg/L	13

ANALYTICAL PARAMETERS

CC:

REMARKS:

DIRECTOR



APPENDIX B

WATER SAMPLING LOGS

WATER SAMPLING LOG

Project/No. Old Bethpage Landfill NY 02807

Page 1 of 1

Site Location Old Bethpage, NY

Site/Well No. 5B Coded/
Replicate No. _____

Date 10-7-92

Weather Sunny, 60's Time Sampling
Began 9:35

Time Sampling
Completed 9:50

EVACUATION DATA

Description of Measuring Point (MP) T.O.C.

Height of MP Above/Below Land Surface _____ MP Elevation _____

Total Sounded Depth of Well Below MP 117.00 Water-Level Elevation _____

Held _____ Depth to Water Below MP 74.65 Diameter of Casing 4"

Wet _____ Water Column in Well 42.35 Gallons Pumped/Bailed
Prior to Sampling 83 gal.

On 9:35 Gallons per Foot 0.65

Off 9:46 Gallons in Well 27.50 Sampling Pump Intake Setting
(feet below land surface) _____

Evacuation Method perm. sub. pump. Q = 8gpm T = 11min

SAMPLING DATA/FIELD PARAMETERS

Color clear Odor slight Appearance clear Temperature 11°C °F/°C

Other (specific ion; OVA; HNU; etc.) ~~none~~

Specific Conductance, umhos/cm 1800 pH 6

Sampling Method and Material flow cell discharge

Constituents Sampled	Container Description From Lab <u>X</u> or G&M _____	Preservative
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See C.O.C.

Remarks _____

Sampling Personnel BA, BM

WELL CASING VOLUMES

GAL./FT.	1-1/4" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65
	1-1/2" = 0.09	2-1/2" = 0.26	3-1/2" = 0.50	6" = 1.47

WATER SAMPLING LOG

Project/No. Old Bethpage landfill (NY 02807) Page 1 of 1

Site Location Old Bethpage, NY

Site/Well No. 6A Coded/Replicate No. _____ Date 10-7-92

Weather Sunny, 60's Time Sampling Began _____ Time Sampling Completed _____

EVACUATION DATA

Description of Measuring Point (MP) T.O.C.

Height of MP Above/Below Land Surface _____ MP Elevation _____

Total Sounded Depth of Well Below MP 105.00 Water-Level Elevation _____

Held _____ Depth to Water Below MP 96.66 Diameter of Casing 4"

Wet _____ Water Column in Well 8.34 Gallons Pumped/Bailed Prior to Sampling 17 gal.

Gallons per Foot 0.65

Gallons in Well 5.421 Sampling Pump Intake Setting (feet below land surface) _____

Evacuation Method purged water measured with bucket, perm. sub. pump.

SAMPLING DATA/FIELD PARAMETERS

Color none Odor none Appearance clear Temperature 14°C °F/°C

Other (specific ion; OVA; HNU; etc.) _____

Specific Conductance, umhos/cm 50 pH 4.4

Sampling Method and Material pump discharge

Constituents Sampled	Container Description From Lab <u>X</u> or G&M _____	Preservative
<u>See C.O.C.</u>	_____	_____
_____	_____	_____
_____	_____	_____

Remarks recharge surges apx. 30 sec.

Sampling Personnel BA, BM

WELL CASING VOLUMES			
GAL./FT	1-1/4" = 0.06	2" = 0.16	3" = 0.37
	1-1/2" = 0.09	2-1/2" = 0.26	3-1/2" = 0.50
			4" = 0.65
			6" = 1.47

WATER SAMPLING LOG

Project/No. Old Bethpage Landfill (NY02007) Page 1 of 1

Site Location Old Bethpage, NY

Site/Well No. 6B Coded/
Replicate No. _____ Date 10-7-92

Weather Sunny, 70's Time Sampling
Began 10:36 Time Sampling
Completed 11:00

EVACUATION DATA

Description of Measuring Point (MP) T.O.C.

Height of MP Above/Below Land Surface _____ MP Elevation _____

Total Sounded Depth of Well Below MP 140.60 Water-Level Elevation _____

Held _____ Depth to Water Below MP 96.77 Diameter of Casing 4"

Wet _____ Water Column in Well 43.23 Gallons Pumped/Bailed
Prior to Sampling 85 gal

ON: 10:36 Gallons per Foot 0.65

off 10:51 Gallons in Well 28.10 Sampling Pump Intake Setting
(feet below land surface) _____

Evacuation Method perm sub. pump. Q = 6 gpm T = 15 min

SAMPLING DATA/FIELD PARAMETERS

Color clear Odor slight sulfur Appearance clear Temperature 14° °F (C) 10
odor present

Other (specific ion; OVA; HNU; etc.) _____

Specific Conductance,
umhos/cm 1450 pH 6.10

Sampling Method and Material pump discharge

Constituents Sampled	Container Description From Lab <u>X</u> or G&M _____	Preservative
<u>See C.O.C.</u>	_____	_____
_____	_____	_____
_____	_____	_____

Remarks _____

Sampling Personnel BA, BM

WELL CASING VOLUMES			
GAL./FT	1-1/4" = 0.06	2" = 0.16	3" = 0.37
	1-1/2" = 0.09	2-1/2" = 0.26	3-1/2" = 0.50
			4" = 0.65
			6" = 1.47

WATER SAMPLING LOG

Project/No. Old Bethpage Landfill (NY02007) Page 1 of 1
 Site Location Old Bethpage, NY
 Site/Well No. 6C Coded/
Replicate No. Repl. Date 10-7-92
 Weather Sunny, 60's Time Sampling
 Began 1:00 Time Sampling
 Completed 1:20

EVACUATION DATA

Description of Measuring Point (MP) T.O.C.
 Height of MP Above/Below Land Surface _____ MP Elevation _____
 Total Sounded Depth of Well Below MP 160.00 Water-Level Elevation _____
 Held _____ Depth to Water Below MP 96.24 Diameter of Casing 4"
 Wet _____ Water Column in Well 63.76 Gallons Pumped/Bailed
 Prior to Sampling 125 gal
 Gallons per Foot 0.65
on 1:00 p Gallons in Well 41.44 Sampling Pump Intake Setting
off 1:16 p (feet below land surface) _____
 Evacuation Method perm. sub. pump. Q = 8 gpm T = 16 min

SAMPLING DATA/FIELD PARAMETERS

Color clear Odor Moderate Appearance clear Temperature 11°C °F/°C

Other (specific ion; OVA; HNU; etc.) _____

Specific Conductance, umhos/cm 1700 pH 6.40

Sampling Method and Material flow-cell discharge

Constituents Sampled	Container Description From Lab <u>X</u> or G&M _____	Preservative
<u>See C.O.C.</u>	_____	_____
_____	_____	_____
_____	_____	_____

Remarks _____

Sampling Personnel BA, BM

	WELL CASING VOLUMES			
GAL./FT	1-1/4" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65
	1-1/2" = 0.09	2-1/2" = 0.26	3-1/2" = 0.50	6" = 1.47

WATER SAMPLING LOG

Project/No. Old Bethpage Landfill (NY 02807) Page 1 of 1

Site Location Old Bethpage, NY

Site/Well No. 6E Coded/Replicate No. _____ Date 10-7-92

Weather Sunny, 60's Time Sampling Began 11:12 Time Sampling Completed 1:00

EVACUATION DATA

Description of Measuring Point (MP) T.O.C.

Height of MP Above/Below Land Surface _____ MP Elevation _____

Total Sounded Depth of Well Below MP 250.00 Water-Level Elevation _____

Held _____ Depth to Water Below MP 96.34 Diameter of Casing 4"

Wet _____ Water Column in Well 153.66 Gallons Pumped/Bailed Prior to Sampling 300 gal

on 11:12a Gallons per Foot 0.65

off 12:52p Gallons in Well 99.87 Sampling Pump Intake Setting (feet below land surface) _____

Evacuation Method perm. sub. pump Q = 3 gpm T = 100 min

SAMPLING DATA/FIELD PARAMETERS

Color Clear Odor Slight Appearance Clear Temperature 14° °F/°C °F/°C

Other (specific ion; OVA; HNU; etc.) _____

Specific Conductance, umhos/cm 410 pH 4.40

Sampling Method and Material flow-cell discharge

Constituents Sampled	Container Description From Lab <u>X</u> or G&M _____	Preservative
<u>See C.O.C.</u>	_____	_____
_____	_____	_____
_____	_____	_____

Remarks _____

Sampling Personnel BA, BM

WELL CASING VOLUMES			
GAL./FT.	1-1/4" = 0.06	2" = 0.16	3" = 0.37
	1-1/2" = 0.09	2-1/2" = 0.26	3-1/2" = 0.50
			4" = 0.65
			6" = 1.47

WATER SAMPLING LOG

Project/No. Old Bethpage Landfill (NY02807) Page 1 of 1
 Site Location Old Bethpage, NY
 Site/Well No. 6F Coded/Replicate No. _____ Date 10-7-92
 Weather Sunny, 60's Time Sampling Began 1:33 Time Sampling Completed 2:40

EVACUATION DATA

Description of Measuring Point (MP) T.O.C.
 Height of MP Above/Below Land Surface _____ MP Elevation _____
 Total Sounded Depth of Well Below MP 350.00 Water-Level Elevation _____
 Held _____ Depth to Water Below MP 96.73 Diameter of Casing 4"
 Wet _____ Water Column in Well 253.27 Gallons Pumped/Bailed Prior to Sampling 494 gal
 on 1:33p Gallons per Foot 0.65
 off 2:35p Gallons in Well 164.62 Sampling Pump Intake Setting (feet below land surface) _____
 Evacuation Method perm. sub. pump Q = 8gpm T = 62min

SAMPLING DATA/FIELD PARAMETERS

Color clear Odor none Appearance clear Temperature 12°C °F/°C
 Other (specific ion; OVA; HNU; etc.) _____

Specific Conductance, umhos/cm 330 pH 4.10

Sampling Method and Material flow cell discharge

Constituents Sampled	Container Description From Lab <u>X</u> or G&M _____	Preservative
<u>see C.O.C.</u>	_____	_____
_____	_____	_____
_____	_____	_____

Remarks _____

Sampling Personnel BA, BM

WELL CASING VOLUMES			
GAL./FT.	1-1/4" = 0.06	2" = 0.16	3" = 0.37
	1-1/2" = 0.09	2-1/2" = 0.26	3-1/2" = 0.50
			4" = 0.65
			6" = 1.47

WATER SAMPLING LOG

Project/No. Old Bethpage Landfill (NY 02807) Page 1 of 1
 Site Location Old Bethpage, NY
 Site/Well No. 7B Coded/
 Replicate No. _____ Date 10-6-92
 Weather Sunny, 60's Time Sampling
 Began 1:03 PM Time Sampling
 Completed 1:52 PM

EVACUATION DATA

Description of Measuring Point (MP) T.O.C.
 Height of MP Above/Below Land Surface _____ MP Elevation _____
 Total Sounded Depth of Well Below MP 235.00 Water-Level Elevation _____
 Held _____ Depth to Water Below MP 89.13 Diameter of Casing 4"
 Wet _____ Water Column in Well 145.87 Gallons Pumped/Bailed
 Prior to Sampling 284 gal
 On 1:03 p Gallons per Foot 0.65
 Off 1:44 p Gallons in Well 94.8 Sampling Pump Intake Setting
 (feet below land surface) _____
 Evacuation Method perm. sub. pump Q = 7gpm T = 41min

SAMPLING DATA/FIELD PARAMETERS

Color clear Odor now Appearance clear Temperature 11°C °F/°C
 Other (specific ion; OVA; HNU; etc.) _____

Specific Conductance 290 pH 4.9
 umhos/cm

Sampling Method and Material flow cell discharge

Constituents Sampled	Container Description From Lab <u>X</u> or G&M _____	Preservative
<u>see C.O.C.</u>		

Remarks _____
 Sampling Personnel B.M. + G.A.

WELL CASING VOLUMES				
GAL./FT	1-1/4" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65
	1-1/2" = 0.09	2-1/2" = 0.26	3-1/2" = 0.50	6" = 1.47

WATER SAMPLING LOG

Project/No. Bethpage Landfill (NY02807) Page 1 of 1
 Site Location 2 Bethpage, NY
 Site/Well No. 3A Coded/Replicate No. _____ Date 10-6-92
 Weather 60's Time Sampling Began 12:23 Time Sampling Completed 12:35

EVACUATION DATA

Description uring Point (MP) T.O.C.
 Height of MP Below Land Surface MP Elevation _____
 Total Source n of Well Below MP 90.00 Water-Level Elevation _____
 Held Depth to Water Below MP 70.06 Diameter of Casing 4"
 Wet Water Column in Well 19.94 Gallons Pumped/Bailed Prior to Sampling 39 gal.
On 12 Gallons per Foot 0.65
off 12 Gallons in Well 12.96 Sampling Pump Intake Setting (feet below land surface) _____
 Evacuation perm. sub pump Q = 6 T = 7 min

SAMPLING DATA/FIELD PARAMETERS

Color C 11°C
150 4.5
 Odor none Appearance clear Temperature 11°C
 Other (spec OVA; HNU; etc.)

Specific Co 150
 umhos/cm 4.5
 pH 4.5

Sampling and Material flow cell discharge

Const: See Container Description
 Sampled From Lab X or G&M _____ Preservative _____
2.C.

Remarks _____

Sampling anel BA, BM

WELL CASING VOLUMES

GAL/FT	1-1/4" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65
	1-1/2" = 0.09	2-1/2" = 0.26	3-1/2" = 0.50	6" = 1.47

WATER SAMPLING LOG

Project/No. Old Bethpage Landfill (NY02007) Page 1 of 1
 Site Location Old Bethpage, NY
 Site/Well No. 8B Coded/Replicate No. _____ Date 10-6-92
 Weather Sunny, 70's Time Sampling Began 11:26a Time Sampling Completed 12:17

EVACUATION DATA

Description of Measuring Point (MP) T.O.C.
 Height of MP Above/Below Land Surface _____ MP Elevation _____
 Total Sounded Depth of Well Below MP 160.00 Water-Level Elevation _____
 Held _____ Depth to Water Below MP 69.32 Diameter of Casing 4"
 Wet _____ Water Column in Well 90.68 Gallons Pumped/Bailed Prior to Sampling 177 gal.
 on 11:26 a, 11:33 a Gallons per Foot 0.65 Sampling Pump Intake Setting (feet below land surface) _____
 off 11:49 a, 12:13 p Gallons in Well 58.94

Evacuation Method perm. sub. pump $Q = 8 \text{ gpm}$ $T = 23 \text{ min}$
 $Q = 3 \text{ gpm}$ $T = 40 \text{ min}$

SAMPLING DATA/FIELD PARAMETERS

Color clear Odor none Appearance clear Temperature 14°C °F/°C
 Other (specific ion; OVA; HNU; etc.) _____

Specific Conductance, umhos/cm 410 pH 4.6

Sampling Method and Material flow cell discharge

Constituents Sampled	Container Description From Lab ☒ or G&M _____	Preservative
<u>See C.O.C.</u>	_____	_____
_____	_____	_____
_____	_____	_____

Remarks _____

Sampling Personnel BA, BM

WELL CASING VOLUMES			
GAL./FT	1-1/4" = 0.06	2" = 0.16	3" = 0.37
	1-1/2" = 0.09	2-1/2" = 0.26	3-1/2" = 0.50
			4" = 0.65
			6" = 1.47

WATER SAMPLING LOG

Project/No. Old Bethpage Landfill, (NY02807) Page 1 of 1

Site Location Old Bethpage, N.Y.

Site/Well No. 93 Coded/
Replicate No. _____ Date 10-8-92

Weather Sunny, 60's Time Sampling
Began 9:36 Time Sampling
Completed 10:00

EVACUATION DATA

Description of Measuring Point (MP) T.O.C.

Height of MP Above/Below Land Surface _____ MP Elevation _____

Total Sounded Depth of Well Below MP 168.00 Water-Level Elevation _____

Held _____ Depth to Water Below MP 93.13 Diameter of Casing 4"

Wet _____ Water Column in Well 74.87 Gallons Pumped/Bailed
Prior to Sampling 146 gal.

on: 9:36 a Gallons per Foot 0.65

off 9:55 a Gallons in Well 48.66 Sampling Pump Intake Setting
(feet below land surface) _____

Evacuation Method perm. sub. pump. Q = 8 gpm T = 19 min

SAMPLING DATA/FIELD PARAMETERS

Color clear Odor none Appearance clear Temperature 13° OF/OC

Other (specific ion; OVA; HNU; etc.) _____

Specific Conductance, umhos/cm 160 pH 4.50

Sampling Method and Material flow-cell discharge

Constituents Sampled	Container Description From Lab <u>X</u> or G&M _____	Preservative
<u>See C.O.C.</u>	_____	_____
_____	_____	_____
_____	_____	_____

Remarks _____

Sampling Personnel BA, BM

WELL CASING VOLUMES			
GAL./FT.	1-1/4" = 0.06	2" = 0.16	3" = 0.37
	1-1/2" = 0.09	2-1/2" = 0.26	3-1/2" = 0.50
			4" = 0.65
			6" = 1.47

WATER SAMPLING LOG

Project/No. Old Bethpage Landfill NY 02807 Page 1 of 1

Site Location Old Bethpage, NY

Site/Well No. 9C Coded/Replicate No. _____ Date 10-8-92

Weather Sunny, 60's Time Sampling Began 10:15a Time Sampling Completed 11:00

EVACUATION DATA

Description of Measuring Point (MP) T.O.C.

Height of MP Above/Below Land Surface _____ MP Elevation _____

Total Sounded Depth of Well Below MP 225.00 Water-Level Elevation _____

Held _____ Depth to Water Below MP 94.37 Diameter of Casing 4"

Wet _____ Water Column in Well 130.63 Gallons Pumped/Bailed Prior to Sampling 255 gal.

on 10:15a Gallons per Foot 0.65

off 10:52a Gallons in Well 84.9 Sampling Pump Intake Setting (feet below land surface) _____

Evacuation Method perm. sub. pump. Q = 7 gpm T = 37 min

SAMPLING DATA/FIELD PARAMETERS

Color clear Odor slight Appearance clear Temperature 12°C °F/°C

Other (spec. c ion; OVA; HNU; etc.) _____

Specific Conductance, umhos/cm 2000 pH 6.20

Sampling Method and Material flow cell discharge

Constituents Sampled	Container Description From Lab ☒ or G&M _____	Preservative
<u>See C.O.C.</u>	_____	_____
_____	_____	_____
_____	_____	_____

Remarks _____

Sampling Personnel BA, BM

WELL CASING VOLUMES			
GAL./FT.	1-1/4" = 0.06	2" = 0.16	3" = 0.37
	1-1/2" = 0.09	2-1/2" = 0.26	3-1/2" = 0.50
			4" = 0.65
			6" = 1.47

WATER SAMPLING LOG

Project/No. Old Bethpage Landfill (NY 02807) Page 1 of 1

Site Location Old Bethpage, NY

Site/Well No. 11A Coded/
Replicate No. _____ Date 10-8-92

Weather Sunny, 60's Time Sampling
Began 1:34 Time Sampling
Completed 2:10

EVACUATION DATA

Description of Measuring Point (MP) T.O.C.

Height of MP Above/Below Land Surface _____ MP Elevation _____

Total Sounded Depth of Well Below MP 140.00 Water-Level Elevation _____

Held _____ Depth to Water Below MP 24.12 Diameter of Casing 4"

Wet _____ Water Column in Well 115.88 Gallons Pumped/Bailed
Prior to Sampling 226 gal.

On 1:34 p Gallons per Foot 0.65

off 2:03 p Gallons in Well 75.32 Sampling Pump Intake Setting
(feet below land surface) _____

Evacuation Method Perm. sub. pump Q = 8 gpm T = 29 min

SAMPLING DATA/FIELD PARAMETERS

Color clear Odor none Appearance clear Temperature 12°C °F/°C

Other (specific ion; OVA; HNU; etc.) _____

Specific Conductance 40 umhos/cm pH 4.30

Sampling Method and Material Flow Cell Discharge

Constituents Sampled	Container Description From Lab <u>X</u> or G&M _____	Preservative
<u>See C.O.C.</u>	_____	_____
_____	_____	_____
_____	_____	_____

Remarks _____

Sampling Personnel BA, BM

WELL CASING VOLUMES				
GAL./FT	1-1/4" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65
	1-1/2" = 0.09	2-1/2" = 0.26	3-1/2" = 0.50	6" = 1.47

WATER SAMPLING LOG

Project/No. Old Bethpage Landfill (NY 02807) Page 1 of 1
 Site Location Old Bethpage, NY
 Site/Well No. 11B Coded/Replicate No. _____ Date 10-8-92
 Weather Sunny, 60's Time Sampling Began 12:29 Time Sampling Completed 1:30

EVACUATION DATA

Description of Measuring Point (MP) T.O.C.
 Height of MP Above/Below Land Surface _____ MP Elevation _____
 Total Sounded Depth of Well Below MP 235.00 Water-Level Elevation _____
 Held _____ Depth to Water Below MP 23.94 Diameter of Casing 4"
 Wet _____ Water Column in Well 211.06 Gallons Pumped/Bailed Prior to Sampling 411 gal
 on 12:29 p Gallons per Foot 0.65
 off 1:24 p Gallons in Well 137.18 Sampling Pump Intake Setting (feet below land surface) _____
 Evacuation Method perm. sub. pump. Q = 8 gpm T = 52 min

SAMPLING DATA/FIELD PARAMETERS

Color clear Odor none Appearance clear Temperature 12° °F/°C °F
 Other (specific ion; OVA; HNU; etc.) _____
 Specific Conductance, umhos/cm 40 pH 4.60
 Sampling Method and Material flow-cell discharge

Constituents Sampled	Container Description From Lab <u>+</u> or G&M _____	Preservative
<u>See C.O.C.</u>	_____	_____
_____	_____	_____
_____	_____	_____

Remarks _____

Sampling Personnel BA, BM

WELL CASING VOLUMES			
GAL./FT.	1-1/4" = 0.06	2" = 0.16	3" = 0.37
	1-1/2" = 0.09	2-1/2" = 0.26	3-1/2" = 0.50
			4" = 0.65
			6" = 1.47

WATER SAMPLING LOG

Project/No. Old Bethpage Landfill (NY02807) Page 1 of 1
 Site Location Old Bethpage, NY
 Site/Well No. LF-1 Coded/Replicate No. _____ Date 10-8-92
 Weather Sunny, 60's Time Sampling Began 11:24 Time Sampling Completed 12:10

EVACUATION DATA

Description of Measuring Point (MP) T.O.C.
 Height of MP Above/Below Land Surface _____ MP Elevation _____
 Total Sounded Depth of Well Below MP 107.00 Water-Level Elevation _____
 Held _____ Depth to Water Below MP 46.02 Diameter of Casing 6"
 Wet _____ Water Column in Well 60.98 Gallons Pumped/Bailed Prior to Sampling 269 gal.
 11:24 a. Gallons per Foot 1.47
 12:03 p. Gallons in Well 89.64 Sampling Pump Intake Setting (feet below land surface) _____
 Evacuation Method perm. sub. pump $Q = 7 \text{ gpm}$ $T = 39 \text{ min}$

SAMPLING DATA/FIELD PARAMETERS

Color clear Odor slight Appearance clear Temperature 21° °F (C)
 Other (specific ion; OVA: HNU; etc.) _____

Specific Conductance 950 umhos/cm pH 5.90

Sampling Method and Material flow-cell discharge

Constituents Sampled	Container Description From Lab <u>X</u> or G&M _____	Preservative
<u>See C.O.C.</u>	_____	_____
_____	_____	_____
_____	_____	_____

Remarks _____

Sampling Personnel BA, BM

WELL CASING VOLUMES			
GAL./FT	1-1/4" = 0.06	2" = 0.16	3" = 0.37
	1-1/2" = 0.09	2-1/2" = 0.26	3-1/2" = 0.50
			4" = 0.65
			6" = 1.47

WATER SAMPLING LOG

Project/No. Old Bethpage landfill NY02807 Page 1 of 1
 Site Location Old Bethpage, NY
 Site/Well No. M-30B Coded/Replicate No. _____ Date 10-8-92
 Weather Sunny, 60's Time Sampling Began 10:30 Time Sampling Completed 10:49

EVACUATION DATA

Description of Measuring Point (MP) T.O.C.
 Height of MP Above/Below Land Surface _____ MP Elevation _____
 Total Sounded Depth of Well Below MP 96.49 Water-Level Elevation _____
 Held _____ Depth to Water Below MP 85.93 Diameter of Casing 2"
 Wet _____ Water Column in Well 10.56 Gallons Pumped/Bailed Prior to Sampling 5 gal.
 Gallons per Foot 0.16
 Gallons in Well 1.68 Sampling Pump Intake Setting (feet below land surface) _____
 Evacuation Method bailer

SAMPLING DATA/FIELD PARAMETERS

Color brown Odor none Appearance highly turbid Temperature _____ °F/°C
 Other (specific ion; OVA; HNU; etc.) _____
 Specific Conductance, umhos/cm 295 pH 4.30
 Sampling Method and Material teflon bailer

Constituents Sampled	Container Description From Lab ☒ or G&M _____	Preservative
<u>See C.O.C.</u>	_____	_____
_____	_____	_____
_____	_____	_____

Remarks Field Blank (FB106) taken after sampling this well.
 Sampling Personnel BM, BA

WELL CASING VOLUMES			
GAL./FT	1-1/4" = 0.06	2" = 0.16	3" = 0.37
	1-1/2" = 0.09	2-1/2" = 0.26	3-1/2" = 0.50
			4" = 0.65
			6" = 1.47



WATER SAMPLING LOG

Project/No. Old Bethpage Landfill (NY 02007)

Page 1 of 1

Site Location Old Bethpage, NY

Site/Well No. OBS-1

Coded/
Replicate No. _____

Date 10-6-92

Weather Sunny, 60's

Time Sampling
Began 2:09

Time Sampling
Completed 3:00

EVACUATION DATA

Description of Measuring Point (MP) T.O.C.

Height of MP Above/Below Land Surface _____ MP Elevation _____

Total Sounded Depth of Well Below MP 195.00 Water-Level Elevation _____

Held _____ Depth to Water Below MP 50.15 Diameter of Casing 4"

Wet _____ Water Column in Well 144.85 Gallons Pumped/Bailed
Prior to Sampling 283 gal.

on 2:09 p Gallons per Foot 0.65

off 2:56 p Gallons in Well 94.15

Sampling Pump Intake Setting
(feet below land surface) _____

Evacuation Method 2" sub. pump. Q=6gpm T=47min

SAMPLING DATA/FIELD PARAMETERS

Color clear Odor none Appearance clear Temperature 13° °F (°C)

Other (specific ion; OVA: HNU; etc.) _____

Specific Conductance,
umhos/cm 130 pH 5.20

Sampling Method and Material teflon bailer

Constituents Sampled _____ Container Description
From Lab X or G&M _____ Preservative _____

See C.O.C. _____

Remarks _____

Sampling Personnel BA, BM

WELL CASING VOLUMES

GAL./FT.	1-1/4" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65
	1-1/2" = 0.09	2-1/2" = 0.26	3-1/2" = 0.50	6" = 1.47