Long
Island
Power
Authority

Shoreham Nuclear Power Station
P.O. Box 628
North Country Road
Wading River, N.Y. 11792

JUN 15 1992

LSNRC-1959

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

LIPA Submittal of its Application for
New York State Pollutant Discharge Elimination System
(SPDES) Permit
Shoreham Nuclear Power Station - Unit 1
Docket No. 50-322

Gentlemen:

In accordance with Section 3.2 of the Shoreham Nuclear Power Station Environmental Protection Plan (Appendix B to NPF-82), LIPA hereby submits one copy of its application for the Shoreham SPDES permit. This application was sent to the New York Department of Environmental Conservation on June 5, 1992.

LIPA has been operating under the LILCO Shoreham SPDES permit (#1-4722-00108/00001-1) which is due to expire August 1, 1992.

Should you have any question regarding the attached application please do not hesitate to contact my office.

Very truly yours,

Leslie M. Hill
Resident Manager

CLH/ab
Attachment

cc: S. Brown w/o Attach.
T. T. Martin "
B. Norris "

COA 1/1

LILCO LONG ISLAND LIGHTING COMPANY

EXECUTIVE OFFICES 175 EAST OLD COUNTRY ROAD • HICKSVILLE, NEW YORK 11801

May 26, 1992

Mr. Robert Thurber
Senior Environmental Analyst
New York State Department
of Environmental Conservation
Building 40, SUNY Campus
Stony Brook, New York 11794

Re: Shoreham Nuclear Power Station SPDES Facility #NY0026344
NYSDEC Permit #1-4722-00108/00001-0

Dear Mr. Thurber:

Enclosed please find five copies of a modification to our permit renewal application previously submitted on January 29, 1992. This modification reflects the sale on February 29, 1992 of a portion of the property to the Long Island Power Authority (LIPA). The transferred property includes outfalls 001, 001a, 001b, 002 and 003. This modification reflects the deletion of these outfalls from LILCO's permit. This application package includes the following previously submitted information, revised to reflect the deletion of the above mentioned outfalls:

1. A completed Application Form 1 - General Information (EPA Form 3510-1) and a USGS map.

2. Application Form 2C (EPA Form 3510-2C and a site drawing showing the SPDES outfalls and indicating the monitoring locations.

3. Copies of the laboratory analytical results.

4. A completed New York State Industrial Chemical Survey Form.

5. A completed form 2C Application Supplement for Steam Generating Facilities (SIC Code 4911).

6. A completed Thermal Discharge Supplement.

7. A Public Water Purveyors Supplement Form.

8. The Tax Map numbers for this facility are: District 200 Block-1, Lot-1, Section-083.

9. The NYSDEC permit application notice with the address corrected.

10. A completed DMR Supplement.

11. A copy of the Quitclaim Deed verifying the property sale to LIPA.

Also included in this package are five copies of a new permit application from LIPA. LIPA's permit application includes those outfalls listed above which were deleted from LILCO's permit.

LILCO's modification demonstrates a reduction of flow such that the previously submitted application fee of $300 should be reduced to $200.

If there are any questions regarding the submission of this application, please contact Ms. Cathy Waxman of my staff at (516) 391-6629.

Sincerely,

Madison N. Milhous, PE
Manager
Environmental Engineering Department

CW/mac

cc: Messrs. R. Greene (NYSDEC - Stony Brook) - w/o attach.
A. Yerman (NYSDEC - Stony Brook)
J. Maloney (SCDHS)
P. Kolakowski (NYSDEC - Albany) - w/o attach.
M. Papcun (NYSDEC - Stony Brook)
R. Baker (USEPA)

bcc: Messrs. L. J. Calone (w/o attachments)
L. E. Britt (with attachments)
M. P. Tucker (with attachments)
S. V. Dalton (w/o attachments)
L. Hill (with attachments)
W. J. Merritt (w/o attachments)
Ms. L. J. Bergeron (w/o attachments)
C. L. Waxman (with attachments)
R. A. Amoroso (w/o attachments)
File

Please print or type in the unshaded areas only
(fill-in areas are spaced for elite type, i.e., 12 characters/inch).

Form Approved. OMB No. 2040-0086. Approval expires 5-31-92

FORM 1 GENERAL

EPA

U.S. ENVIRONMENTAL PROTECTION AGENCY

GENERAL INFORMATION

Consolidated Permits Program

(Read the "General Instructions" before starting.)

I. EPA I.D. NUMBER: F NYD986980183 D

LABEL ITEMS

I. EPA I.D. NUMBER

III. FACILITY NAME

V. FACILITY MAILING ADDRESS

VI. FACILITY LOCATION

PLEASE PLACE LABEL IN THIS SPACE

GENERAL INSTRUCTIONS

If a preprinted label has been provided, affix it in the designated space. Review the information carefully; if any of it is incorrect, cross through it and enter the correct data in the appropriate fill-in area below. Also, if any of the preprinted data is absent *(the area to the left of the label space lists the information that should appear)*, please provide it in the proper fill-in area(s) below. If the label is complete and correct, you need not complete Items I, III, V, and VI *(except VI-B which must be completed regardless)*. Complete all items if no label has been provided. Refer to the instructions for detailed item descriptions and for the legal authorizations under which this data is collected.

II. POLLUTANT CHARACTERISTICS

INSTRUCTIONS: Complete A through J to determine whether you need to submit any permit application forms to the EPA. If you answer "yes" to any questions, you must submit this form and the supplemental form listed in the parenthesis following the question. Mark "X" in the box in the third column if the supplemental form is attached. If you answer "no" to each question, you need not submit any of these forms. You may answer "no" if your activity is excluded from permit requirements; see Section C of the instructions. See also, Section D of the instructions for definitions of bold-faced terms.

SPECIFIC QUESTIONS	MARK X YES	NO	FORM ATTACHED	SPECIFIC QUESTIONS	MARK X YES	NO	FORM ATTACHED
A. Is this facility a publicly owned treatment works which results in a discharge to waters of the U.S.? (FORM 2A)		X		B. Does or will this facility *(either existing or proposed)* include a concentrated animal feeding operation or aquatic animal production facility which results in a discharge to waters of the U.S.? (FORM 2B)		X	
C. Is this a facility which currently results in discharges to waters of the U.S. other than those described in A or B above? (FORM 2C)	X		X	D. Is this a proposed facility *(other than those described in A or B above)* which will result in a discharge to waters of the U.S.? (FORM 2D)		X	
E. Does or will this facility treat, store, or dispose of hazardous wastes? (FORM 3)		X		F. Do you or will you inject at this facility industrial or municipal effluent below the lowermost stratum containing, within one quarter mile of the well bore, underground sources of drinking water? (FORM 4)		X	
G. Do you or will you inject at this facility any produced water or other fluids which are brought to the surface in connection with conventional oil or natural gas production, inject fluids used for enhanced recovery of oil or natural gas, or inject fluids for storage of liquid hydrocarbons? (FORM 4)		X		H. Do you or will you inject at this facility fluids for special processes such as mining of sulfur by the Frasch process, solution mining of minerals, in situ combustion of fossil fuel, or recovery of geothermal energy? (FORM 4)		X	
I. Is this facility a proposed stationary source which is one of the 28 industrial categories listed in the instructions and which will potentially emit 100 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)		X		J. Is this facility a proposed stationary source which is NOT one of the 28 industrial categories listed in the instructions and which will potentially emit 250 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)		X	

III. NAME OF FACILITY

1 SKIP: Shoreham Nuclear Power Station

IV. FACILITY CONTACT

A. NAME & TITLE (last, first, & title)	B. PHONE (area code & no.)
2 Hill Les/Resident Manager	516 929 8300

V. FACILITY MAILING ADDRESS

A. STREET OR P.O. BOX			
3 North Country Road			
B. CITY OR TOWN	**C. STATE**	**D. ZIP CODE**	
4 Shoreham	NY	11786	

VI. FACILITY LOCATION

A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER			
5 North Country Road			
B. COUNTY NAME			
Suffolk			
C. CITY OR TOWN	**D. STATE**	**E. ZIP CODE**	**F. COUNTY CODE (if known)**
6 Shoreham	NY	11786	

CONTINUE ON REVERS

CONTINUED FROM THE FRONT

VII. SIC CODES (4-digit, in order of priority)

A. FIRST	B. SECOND
7 * (specify)	7 (specify)
C. THIRD	**D. FOURTH**
7 (specify)	7 (specify)

VIII. OPERATOR INFORMATION

A. NAME

B | Long Island Power Authority

B. Is the name listed in Item VIII-A also the owner? [X] YES [ ] NO

C. STATUS OF OPERATOR (Enter the appropriate letter into the answer box. If "Other", specify.)

F = FEDERAL; S = STATE; P = PRIVATE; M = PUBLIC (other than federal or state); O = OTHER (specify)

S (specify)

D. PHONE (area code & no.)

A | 516 | 742 | 2200

E. STREET OR P.O. BOX

200 Garden City Plaza

F. CITY OR TOWN

B | Garden City

G. STATE NY

H. ZIP CODE 11530

IX. INDIAN LAND

Is the facility located on Indian lands? [ ] YES [X] NO

X. EXISTING ENVIRONMENTAL PERMITS

A. NPDES (Discharges to Surface Water): 9 N	**D. PSD** (Air Emissions from Proposed Sources): 9 P
B. UIC (Underground Injection of Fluids): 9 U	**E. OTHER** (specify): 9 See aattached list (specify)
C. RCRA (Hazardous Wastes): 9 R	**E. OTHER** (specify): 9 (specify)

XI. MAP

Attach to this application a topographic map of the area extending to at least one mile beyond property bounderies. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all springs, rivers and other surface water bodies in the map area. See instructions for precise requirements.

XII. NATURE OF BUSINESS (provide a brief description)

* Facility was designed as a nuclear steam electric generating facility.
Current status is inactive pursuant to decommissioning.

This facility should no longer be classified as a power plant.

XIII. CERTIFICATION (see instructions)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME & OFFICIAL TITLE (type or print)	B. SIGNATURE	C. DATE SIGNED
Stanley Klimberg/President of Shoreham Project	Stanley Klimberg	6/4/92

COMMENTS FOR OFFICIAL USE ONLY

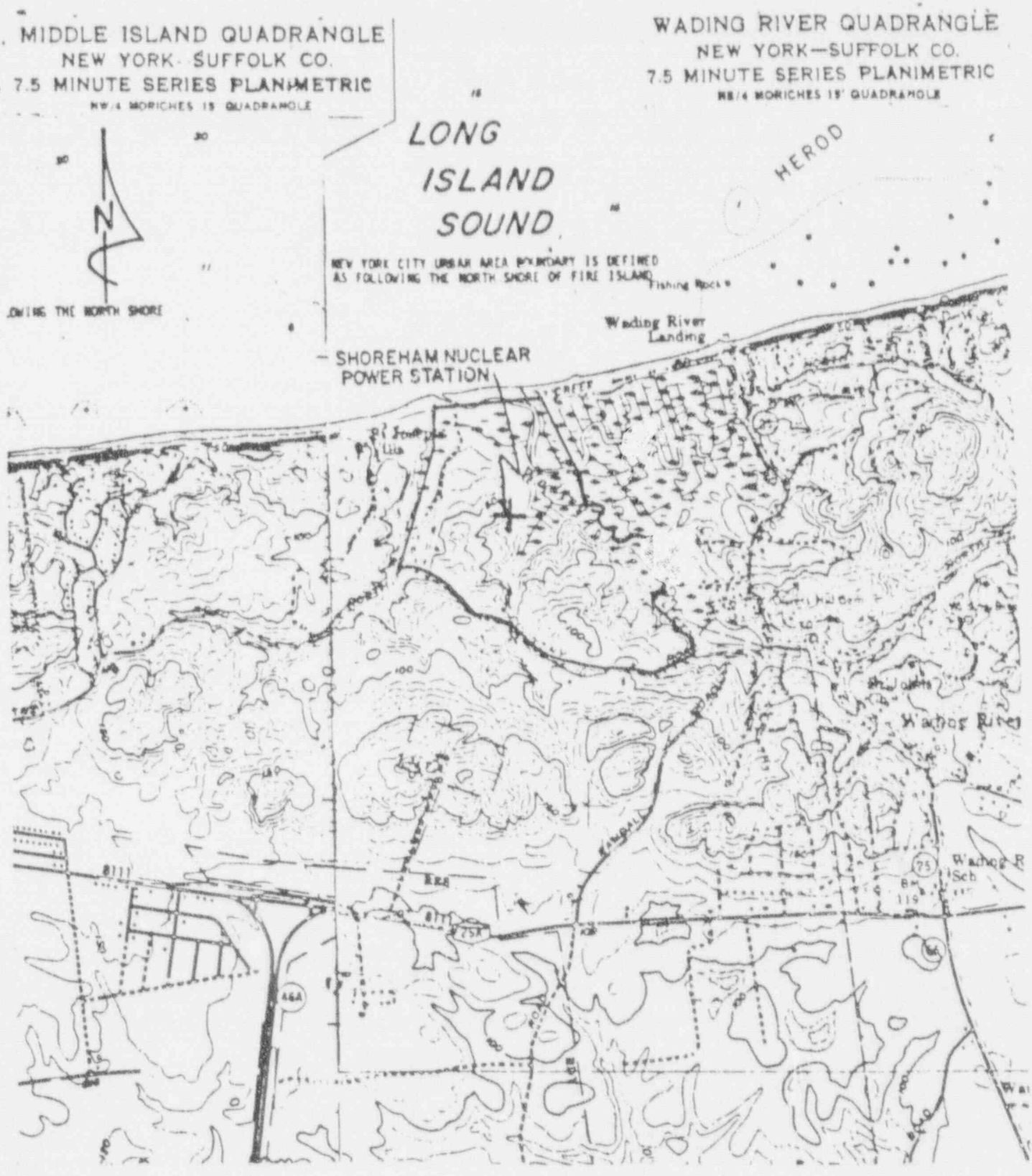
C

Shoreham-LIPA
May 1992

EXISTING ENVIRONMENTAL PERMITS
SHOREHAM NUCLEAR POWER STATION

PERMIT NUMBER	PERMIT TYPE	PURPOSE
4722003537000S1 I	Air	C/O Welding shop exhaust fan*

*LILCO has requested that the NYSDEC transfer this permit to LIPA.



USGS MAP
SHOREHAM NUCLEAR POWER STATION

KEY: SNPS PROPERTY BOUNDARY ———

SCALE 1:24000

1 0 1 MILE

SNPS 1992

Please print or type in the unshaded areas only.

EPA I.D. NUMBER (copy from Item 1 of Form 1): NYD986980183

OMB No. 2040-0086
Approval expires 5-31-92

FORM 2C NPDES

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR PERMIT TO DISCHARGE WASTEWATER
EXISTING MANUFACTURING, COMMERCIAL, MINING AND SILVICULTURAL OPERATIONS
Consolidated Permits Program

I. OUTFALL LOCATION

For each outfall, list the latitude and longitude of its location to the nearest 15 seconds and the name of the receiving water.

A. OUTFALL NUMBER (list)	B. LATITUDE			C. LONGITUDE			D. RECEIVING WATER (name)
	1. DEG.	2. MIN.	3. SEC.	1. DEG.	2. MIN.	3. SEC.	
001	40	58	27.7	72	52	03.2	These Outfalls discharge to the
002	40	57	45	72	51	51	Long Island Sound.
003	40	57	44	72	52	01	

II. FLOWS, SOURCES OF POLLUTION, AND TREATMENT TECHNOLOGIES

A. Attach a line drawing showing the water flow through the facility. Indicate sources of intake water, operations contributing wastewater to the effluent, and treatment units labeled to correspond to the more detailed descriptions in Item B. Construct a water balance on the line drawing by showing average flows between intakes, operations, treatment units, and outfalls. If a water balance cannot be determined (e.g., for certain mining activities), provide a pictorial description of the nature and amount of any sources of water and any collection or treatment measures.

B. For each outfall, provide a description of: (1) All operations contributing wastewater to the effluent, including process wastewater, sanitary wastewater, cooling water, and storm water runoff; (2) The average flow contributed by each operation; and (3) The treatment received by the wastewater. Continue on additional sheets if necessary.

1. OUTFALL NO. (list)	2. OPERATION(S) CONTRIBUTING FLOW		3. TREATMENT		
	a. OPERATION (list)	b. AVERAGE FLOW (include units)	DESCRIPTION	b. LIST CODES FROM TABLE 2C-1	
001	Non-Contact Cooling Water	8,600 gpm	Chlorination to Control Biofouling	4-B	2F
	Outfalls 001a and 001b	Intermittent			
001a	e-up Demineralizer	2,000 GPD	Filter Beds, Multimedia	2-J	1-P
	Regeneration Wastes	(Batch Process)	Filter, Ion Exchange	4-B	1-Q
			pH neutralization	2-K	
001b	Radwaste System	1,500 GPD	Filter beds, multimedia	1-P	1-Q
	Demineralizer	(Batch Process)	Filter, Ion Exchange	2-K	2-J
	Regeneration Wastes		pH neutralization, recycle	4-B	4-C
			of treated effluent		1-C
002	Floor Drains: Fire	100 GPD	No Treatment Discharge	4-A	
	Pump House		to Surface Water		
	Chlorine Monitor	5 gpm			
	Stormwater	20,000 GPD			
003	Auxiliary Boiler Blowdown	(110 GPD)			
	Floor Drains and Control				
	Building Drains	2,000	Discharge to Oil/Water	4-A	1-U
	Emergency Diesel Generator		Separator (Design Flow 100 GPM)		
	Building Drains	100 GPD	Discharge to Oil/Water		1-H
			Separator (Design Flow 100 GPM)		
	Stormwater	16,000 GPD	Final Discharge Point for		
			all of the above is to		

OFFICIAL USE ONLY (effluent guidelines sub-categories)

Surface Waters)

CONTINUED FROM THE FRONT

C. Except for storm runoff, leaks, or spills, are any of the discharges described in Items II-A or B intermittent or seasonal?

☒ YES (complete the following table) ☐ NO (go to Section III)

1. OUTFALL NUMBER (list)	2. OPERATION(s) CONTRIBUTING FLOW (list)	3. FREQUENCY		4. FLOW				
		a. DAYS PER WEEK (specify average)	b. MONTHS PER YEAR (specify average)	a. FLOW RATE (in mgd)		b. TOTAL VOLUME (specify with units)		c. DURATION (in days)
				1. LONG TERM AVERAGE	2. MAXIMUM DAILY	1. LONG TERM AVERAGE	2. MAXIMUM DAILY	
001a	Demineralizer Regen Waste	7	12	120GPM	150GPM	2000 GPD	50000 GPD	8hr/wk
001b	Radwaste Demineralizer	7	1	120GPM	150GPM	1500 GPD	50000 GPD	8hr/wk
002	Chlorine Monitor	7	9	5GPM	5GPM	7200 GPD	7200 GPD	24hr/day
003	Auxiliary Boiler Blowdown, Floor Drains and Control Bldg. Drains; Emergency Diesel Generator Bldg. Drains	7	12	8GPM	10GPM	2400 GPD	14400 GPD	24hr/day

III. PRODUCTION

A. Does an effluent guideline limitation promulgated by EPA under Section 304 of the Clean Water Act apply to your facility?

☒ YES (complete Item III-B) ☐ NO (go to Section IV)

B. Are the limitations in the applicable effluent guideline expressed in terms of production (or other measure of operation)?

☐ YES (complete Item III-C) ☒ NO (go to Section IV)

C. If you answered "yes" to Item III-B, list the quantity which represents an actual measurement of your level of production, expressed in the terms and units used in the applicable effluent guideline, and indicate the affected outfalls.

1. AVERAGE DAILY PRODUCTION			2. AFFECTED OUTFALLS
a. QUANTITY PER DAY	b. UNITS OF MEASURE	c. OPERATION, PRODUCT, MATERIAL, ETC. (specify)	(list outfall numbers)

IV. IMPROVEMENTS

A. Are you now required by any Federal, State or local authority to meet any implementation schedule for the construction, upgrading or operation of wastewater treatment equipment or practices or any other environmental programs which may affect the discharges described in this application? This includes, but is not limited to, permit conditions, administrative or enforcement orders, enforcement compliance schedule letters, stipulations, court orders, and grant or loan conditions.

☐ YES (complete the following table) ☒ NO (go to Item IV-B)

1. IDENTIFICATION OF CONDITION, AGREEMENT, ETC.	2. AFFECTED OUTFALLS		3. BRIEF DESCRIPTION OF PROJECT	4. FINAL COMPLIANCE DATE	
	a. NO.	b. SOURCE OF DISCHARGE		a. REQUIRED	b. PROJECTED

B. OPTIONAL: You may attach additional sheets describing any additional water pollution control programs (or other environmental projects which may affect your discharges) you now have underway or which you plan. Indicate whether each program is now underway or planned, and indicate your actual or planned schedules for construction. ☐ MARK "X" IF DESCRIPTION OF ADDITIONAL CONTROL PROGRAMS IS ATTACHED

Please print or type in the unshaded areas only.

EPA I.D. NUMBER (copy from Item 1 of Form 1): NYD986938183

Form Approved
OMB No. 2040-0086
Approval expires 5-31-92

FORM 2C NPDES

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR PERMIT TO DISCHARGE WASTEWATER
EXISTING MANUFACTURING, COMMERCIAL, MINING AND SILVICULTURAL OPERATIONS
Consolidated Permits Program

I. OUTFALL LOCATION

For each outfall, list the latitude and longitude of its location to the nearest 15 seconds and the name of the receiving water.

A. OUTFALL NUMBER (list)	B. LATITUDE			C. LONGITUDE			D. RECEIVING WATER (name)
	1. DEG.	2. MIN.	3. SEC.	1. DEG.	2. MIN.	3. SEC.	
	Continued from previous page						

II. FLOWS, SOURCES OF POLLUTION, AND TREATMENT TECHNOLOGIES

A. Attach a line drawing showing the water flow through the facility. Indicate sources of intake water, operations contributing wastewater to the effluent, and treatment units labeled to correspond to the more detailed descriptions in Item B. Construct a water balance on the line drawing by showing average flows between intakes, operations, treatment units, and outfalls. If a water balance cannot be determined (e.g., for certain mining activities), provide a pictorial description of the nature and amount of any sources of water and any collection or treatment measures.

B. For each outfall, provide a description of: (1) All operations contributing wastewater to the effluent, including process wastewater, sanitary wastewater, cooling water, and storm water runoff; (2) The average flow contributed by each operation; and (3) The treatment received by the wastewater. Continue on additional sheets if necessary.

1. OUTFALL NO. (list)	2. OPERATION(S) CONTRIBUTING FLOW		3. TREATMENT		
	a. OPERATION (list)	b. AVERAGE FLOW (include units)	a. DESCRIPTION	b. LIST CODES FROM TABLE 2C-1	
051	Sanitary	7500 GPD (design capacity)	Septic tank/Leaching pools		
056	Sanitary	22,750 GPD (design capacity)	Septic tank/Leaching pools		

OFFICIAL USE ONLY (*effluent guidelines sub-categories*)

CONTINUED FROM THE FRONT

C. Except for storm runoff, leaks, or spills, are any of the discharges described in Items II-A or B intermittent or seasonal?

☐ YES *(complete the following table)* ☐ NO *(go to Section III)*

1. OUTFALL NUMBER *(list)*	2. OPERATION(s) CONTRIBUTING FLOW *(list)*	3. FREQUENCY		4. FLOW				
		a. DAYS PER WEEK *(specify average)*	b. MONTHS PER YEAR *(specify average)*	a. FLOW RATE *(in mgd)*		b. TOTAL VOLUME *(specify with units)*		c. DURATION *(in days)*
				1. LONG TERM AVERAGE	2. MAXIMUM DAILY	1. LONG TERM AVERAGE	2. MAXIMUM DAILY	

III. PRODUCTION

A. Does an effluent guideline limitation promulgated by EPA under Section 304 of the Clean Water Act apply to your facility?

☐ YES *(complete Item III-B)* ☐ NO *(to to Section IV)*

B. Are the limitations in the applicable effluent guideline expressed in terms of production *(or other measure of operation)*?

☐ YES *(complete Item III-C)* ☐ NO *(go to Section IV)*

C. If you answered "yes" to Item III-B, list the quantity which represents an actual measurement of your level of production, expressed in the terms and units used in the applicable effluent guideline, and indicate the affected outfalls.

1. AVERAGE DAILY PRODUCTION			2. AFFECTED OUTFALLS *(list outfall numbers)*
a. QUANTITY PER DAY	b. UNITS OF MEASURE	c. OPERATION, PRODUCT, MATERIAL, ETC. *(specify)*	

IV. IMPROVEMENTS

A. Are you now required by any Federal, State or local authority to meet any implementation schedule for the construction, upgrading or operation of wastewater treatment equipment or practices or any other environmental programs which may affect the discharges described in this application? This includes, but is not limited to, permit conditions, administrative or enforcement orders, enforcement compliance schedule letters, stipulations, court orders, and grant or loan conditions.

☐ YES *(complete the following table)* ☐ NO *(go to Item IV-B)*

1. IDENTIFICATION OF CONDITION, AGREEMENT, ETC.	2. AFFECTED OUTFALLS		3. BRIEF DESCRIPTION OF PROJECT	4. FINAL COMPLIANCE DATE	
	a. NO.	b. SOURCE OF DISCHARGE		a. REQUIRED	b. PROJECTED

B. OPTIONAL: You may attach additional sheets describing any additional water pollution control programs *(or other environmental projects which may affect your discharges)* you now have underway or which you plan. Indicate whether each program is now underway or planned, and indicate your actual or planned schedules for construction. ☐ MARK "X" IF DESCRIPTION OF ADDITIONAL CONTROL PROGRAMS IS ATTACHED

CONTINUED FROM PAGE 2

EPA I.D. NUMBER (copy from Item 1 of Form 1)
NYD986980183

V. INTAKE AND EFFLUENT CHARACTERISTICS

A, B, & C: See instructions before proceeding -- Complete one set of tables for each outfall -- Annotate the outfall number in the space provided. NOTE: Tables V-A, V-B, and V-C are included on separate sheets numbered V-1 through V-9.

D. Use the space below to list any of the pollutants listed in Table 2c-3 of the instructions, which you know or have reason to believe is discharged or may be discharged from any outfall. For every pollutant you list, briefly describe the reasons you believe it to be present and report any analytical data in your possession.

1. POLLUTANT	2. SOURCE	1. POLLUTANT	2. SOURCE

VI. POTENTIAL DISCHARGES NOT COVERED BY ANALYSIS

Is any pollutant listed in Item V-C a substance or a component of a substance which you currently use or manufacture as an intermediate or final product or byproduct?

☒ YES *(list all such pollutants below)* ☐ NO *(go to Item VI-B)*

Substances indicated in the Industrial Chemical Survey list may contain some of the elements or componds listed.

CONTINUED FROM THE FRONT

VII. BIOLOGICAL TOXICITY TESTING DATA

Do you have any knowledge or reason to believe that any biological test for acute or chronic toxicity has been made on any of your discharges or on a receiving water in relation to your discharge within the last 3 years?

☐ YES *(identify the test(s) and describe their purposes below)* ☒ NO *(go to Section VIII)*

VIII. CONTRACT ANALYSIS INFORMATION

Were any of the analyses reported in Item V performed by a contract laboratory or consulting firm?

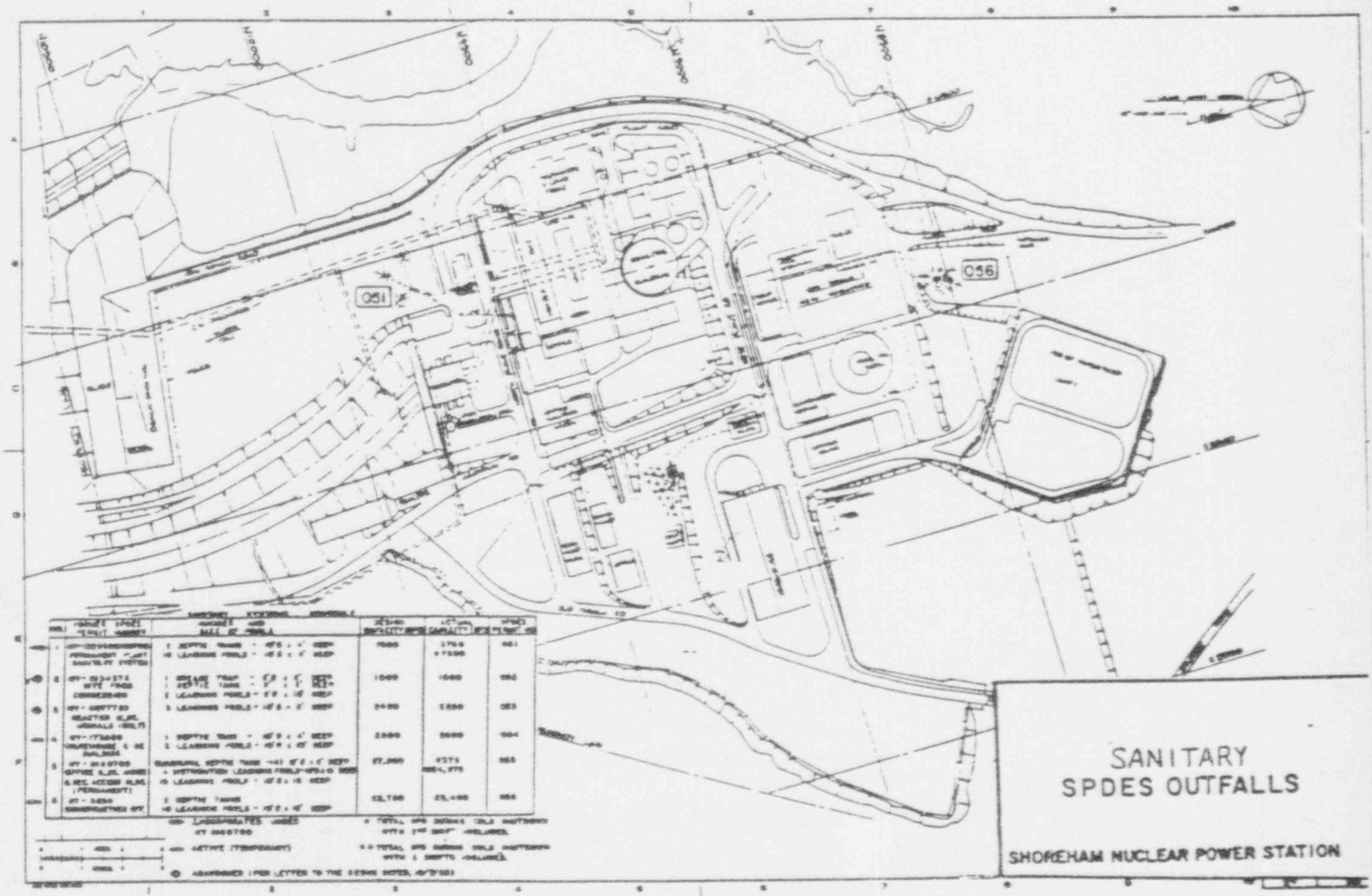
☒ YES *(list the name, address, and telephone number of, and pollutants analyzed by, each such laboratory or firm below)* ☐ NO *(go to Section IX)*

A. NAME	B. ADDRESS	C. TELEPHONE (area code & no.)	D. POLLUTANTS ANALYZED (list)
Ecotest Laboratories Inc.	377 Sheffield Ave. N. Babylon, N.Y. 11703	516-422-5777	All except pH, temp gross, alpha gross beta and radium 226

IX. CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. NAME & OFFICIAL TITLE (type or print)	B. PHONE NO. (area code & no.)
Stanley B. Klimberg, Esq., President of the Shoreham Project	516 742-2200
C. SIGNATURE	**D. DATE SIGNED**
Stanley B. Klimberg	6/4/92


051
056
SANITARY
SPDES OUTFALLS
SHOREHAM NUCLEAR POWER STATION

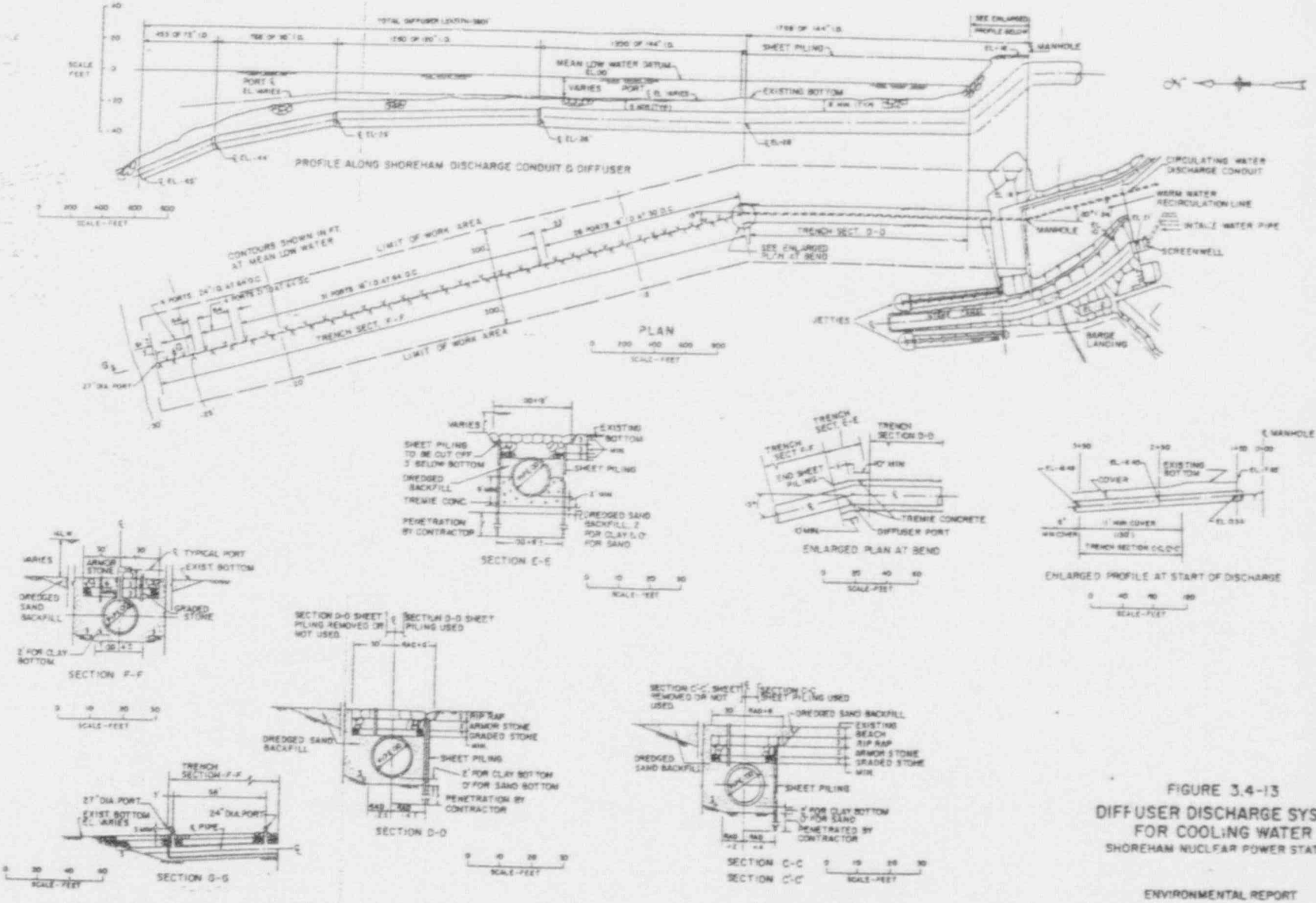


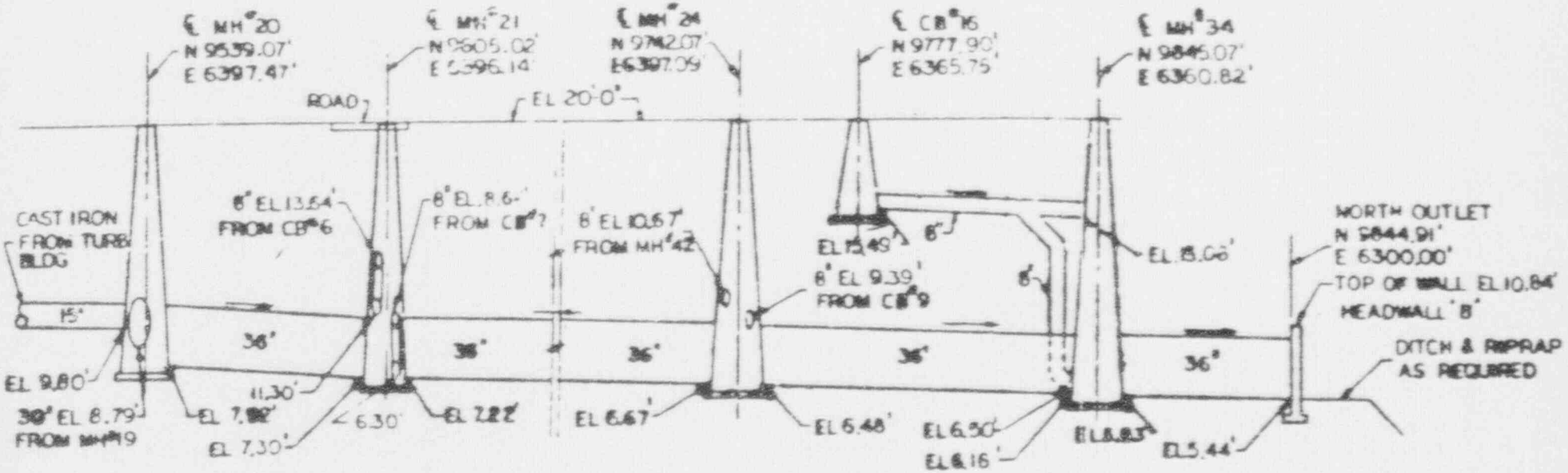
FIGURE 3.4-13

DIFFUSER DISCHARGE SYSTEM FOR COOLING WATER

SHOREHAM NUCLEAR POWER STATION

ENVIRONMENTAL REPORT

OUTFALL 002

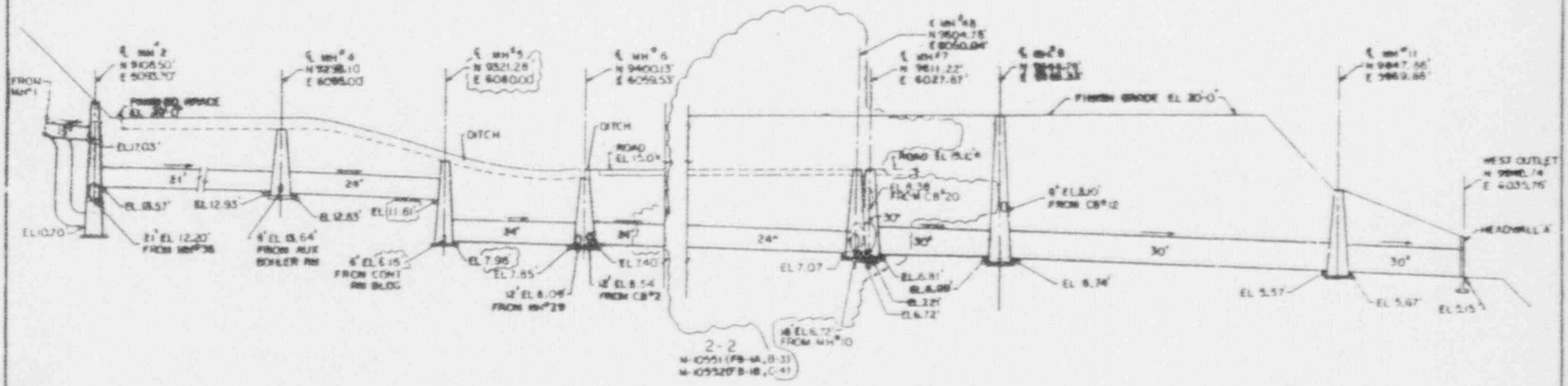


LIPA

PLANT OUTFALL IN PROFILE

SHOREHAM NUCLEAR POWER STATION

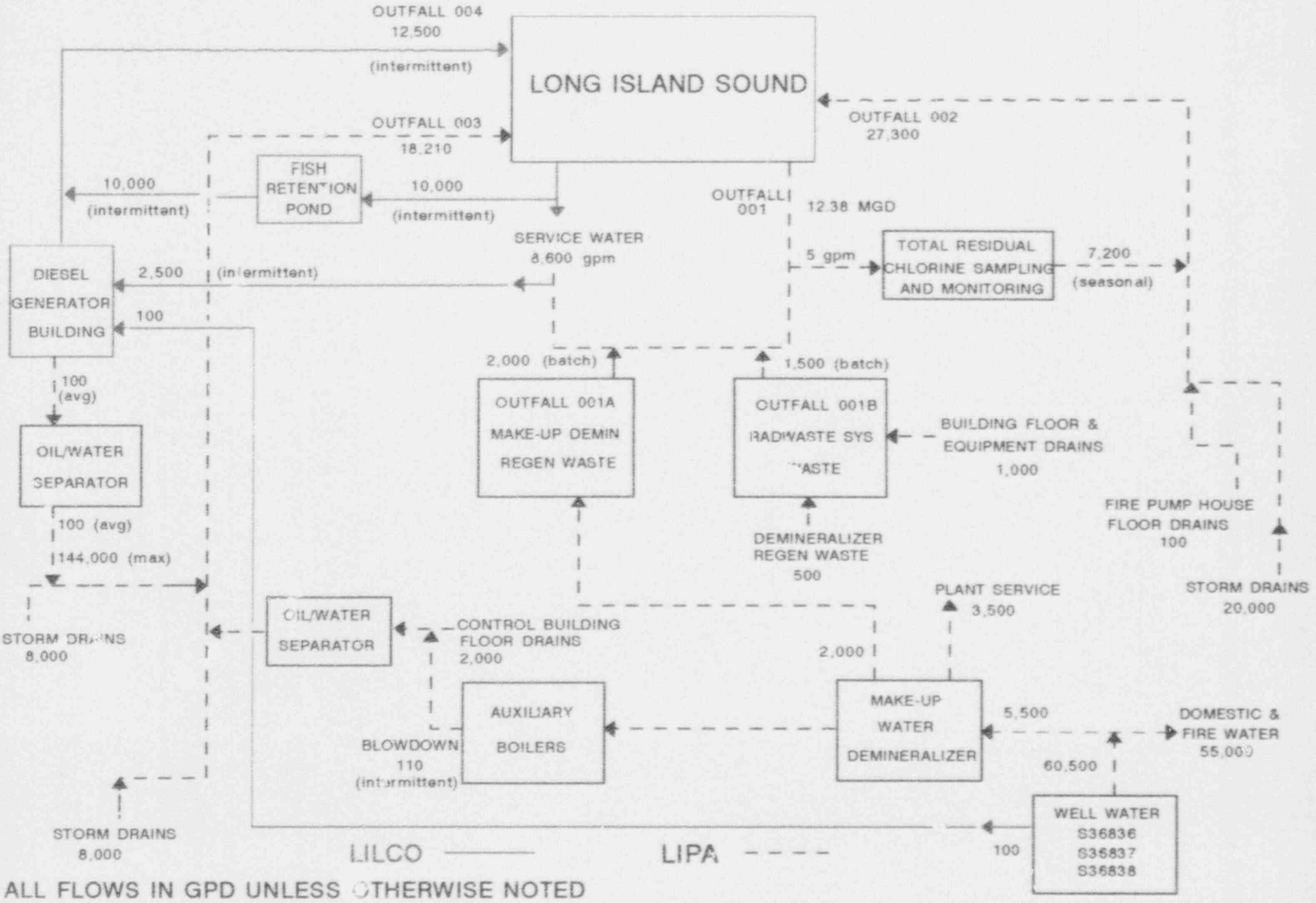
OUTFALL 003



PLANT OUTFALL
IN PROFILE

SHOREHAM NUCLEAR POWER STATION

SHOREHAM NUCLEAR POWER STATION
WATER BALANCE
LINE DIAGRAM



ALL FLOWS IN GPD UNLESS OTHERWISE NOTED

Shoreham

PLEASE PRINT OR TYPE IN THE UNSHADED AREAS ONLY. You may report some or all of this information on separate sheets (use the same format) instead of completing these pages. SEE INSTRUCTIONS.

EPA I.D. NUMBER (copy from Item 1 of Form 1): NYD986930183

Form Approved OMB No. 2040-0086 Approval expires 7-31-88

OUTFALL NO: 001

V. INTAKE AND EFFLUENT CHARACTERISTICS (continued from page 3 of Form 2-C)

PART A - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

1. POLLUTANT	2. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (if available) (2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	c. LONG TERM AVRG. VALUE (if available) (2) MASS	d. NO. OF ANALYSES	3. UNITS (specify if blank) a. CONCENTRATION	3. UNITS b. MASS	4. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	4. INTAKE a. LONG TERM AVERAGE VALUE (2) MASS	4. INTAKE b. NO. OF ANALYSES
a. Biochemical Oxygen Demand (BOD)	Exempt									NA		
b. Chemical Oxygen Demand (COD)	Exempt									NA		
c. Total Organic Carbon (TOC)	3	310.2					1	mg/l	lbs/day	3	310.2	1
d. Total Suspended Solids (TSS)	44	4549.2					1	mg/l	lbs/day	37	3825.5	1
e. Ammonia (as N)	.18	18.6					1	mg/l	lbs/day	.37	38.3	1
f. Flow	VALUE 1.24E7		VALUE		VALUE 1.23E8		12	GPD	lbs/day	VALUE 1.24E7		1
g. Temperature (winter)	VALUE 9.3		VALUE		VALUE 7.5		3	°C		VALUE 10.95		1
h. Temperature (summer)	VALUE NA		VALUE		VALUE 16.7		10	°C		VALUE NA		
i. pH	MINIMUM 7.63	MAXIMUM 7.79	MINIMUM	MAXIMUM			13	STANDARD UNITS				

PART B - Mark "X" in column 2-a for each pollutant you know or have reason to believe is present. Mark "X" in column 2-b for each pollutant you believe to be absent. If you mark column 2a for any pollutant which is limited either directly, or indirectly but expressly, in an effluent limitations guideline, you must provide the results of at least one analysis for that pollutant. For other pollutants for which you mark column 2a, you must provide quantitative data or an explanation of their presence in your discharge. Complete one table for each outfall. See the instructions for additional details and requirements.

1. POLLUTANT AND CAS NO. (if available)	2. MARK "X" a. BELIEVED PRESENT	2. MARK "X" b. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (if available) (2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	c. LONG TERM AVRG. VALUE (if available) (2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	4. UNITS b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	5. INTAKE a. LONG TERM AVERAGE VALUE (2) MASS	5. INTAKE b. NO. OF ANALYSES
a. Bromide (24959-67-9)	X		66	6823.8					1	mg/l	lbs/day	68	7030.6	1
b. Chlorine, Total Residual	X*		*				.02	20.5	8	mg/l	lbs/day	NA		
c. Color	X		LT 5						1	mg/l	lbs/day	LT 5		1
d. Fecal Coliform		X										NA		
e. Fluoride (16984-48-8)		X										NA		
f. Nitrate-Nitrite (as N)	X		LT .5						1	mg/l	lbs/day	LT .5		1

* Not analyzed - chlorination was secured for the winter on November 29, 1991.

ITEM V-B CONTINUED FROM FRONT

1. POLLUTANT AND CAS NO. (If available)	2. MARK "X"		3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. BELIEVED PRESENT	b. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE (1) CONCENTRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (If available) (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (If available) (2) MASS	c. LONG TERM AVG. VALUE (If available) (1) CONCENTRATION	c. LONG TERM AVG. VALUE (If available) (2) MASS	d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	a. LONG TERM AVERAGE VALUE (2) MASS	b. NO. OF ANALYSES
g. Nitrogen, Total Organic (as N)	X		.42	43.4					1	mg/l	lbs/day	.83	85.8	1
h. Oil and Grease	X		LT .4						1	mg/l	lgs/day	LT .4		1
i. Phosphorus (as P), Total (7723-14-0)	X		.08	8.3					1	mg/l	lbs/day	LT .02		1
j. Radioactivity														
(1) Alpha, Total	X		LT7.48E-9						1	UCi/ml		LT7.48E-9		1
(2) Beta, Total	X		9.46E-8						1	UCi/ml		7.36E-8		1
(3) Radium, Total		X										NA		
(4) Radium 226, Total	X		LT2.37E-7						1	UCi/ml		LT3.11E-7		1
k. Sulfate (as SO_4) (14808-79-8)	X		2100	2.2E5					1	mg/l	lbs/day	2100	2.2E5	
l. Sulfide (as S)		X										NA		
m. Sulfite (as SO_3) (14265-45-3)		X										NA		
n. Surfactants		X										NA		
o. Aluminum, Total (7429-90-5)	X		LT 1.0						1	mg/l	lbs/day	LT 1.0		1
p. Barium, Total (7440-39-3)	X		LT .25						1	mg/l	lbs/day/	LT .25		1
q. Boron, Total (7440-42-8)	X		4.5	465.3					1	mg/l	lbs/day	3.5	361.9	1
r. Cobalt, Total (7440-48-4)	X		LT .2						1	mg/l	lbs/day	LT .2		1
s. Iron, Total (7439-89-6)	X		.27	276.9					1	mg/l	lbs/day	.21	206.8	1
t. Magnesium, Total (7439-95-4)	X		1000	1.0E5					1	mg/l	lbs/day	1100	1.1E5	1
u. Molybdenum, Total (7439-98-7)	X		LT .25						1	mg/l	lbs/day	LT .25		1
v. Manganese, Total (7439-96-5)	X		.06	6.2					1	mg/l	lbs/day	.06	6.2	1
w. Tin, Total (7440-31-5)	X		LT .1						1	mg/l	lbs/day	LT .1		1
x. Titanium, Total (7440-32-6)	X		LT .5						1	mg/l	lbs/day	LT .5		1

EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
NYD986980183	001

Form Approved
OMB No. 2040-0086
Approval expires 7-31-88

CONTINUED FROM PAGE 3 OF FORM 2-C

PART C - If you are a primary industry and this outfall contains process wastewater, refer to Table 2c-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark "X" in column 2-a for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a *(secondary industries, nonprocess wastewater outfalls, and nonrequired GC/MS fractions)*, mark "X" in column 2-b for each pollutant you know or have reason to believe is present. Mark "X" in column 2-c for each pollutant you believe is absent. If you mark column 2a for any pollutant, you must provide the results of at least one analysis for that pollutant. If you mark column 2b for any pollutant, you must provide the results of at least one analysis for that pollutant if you know or have reason to believe it will be discharged in concentrations of 10 ppb or greater. If you mark column 2b for acrolein, acrylonitrile, 2,4 dinitrophenol, or 2-methyl-4, 6 dinitrophenol, you must provide the results of at least one analysis for each of these pollutants which you know or have reason to believe that you discharge in concentrations of 100 ppb or greater. Otherwise, for pollutants for which you mark column 2b, you must either submit at least one analysis or briefly describe the reasons the pollutant is expected to be discharged. Note that there are 7 pages to this part; please review each carefully. Complete one table *(all 7 pages)* for each outfall. See instructions for additional details and requirements.

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT						d. NO. OF ANALYSES	4. UNITS		5. INTAKE (optional)		
	a. TEST INCLUDED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)			a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)	X			LT.005						1	mg/l	lbs/day	LT .005		1
2M. Arsenic, Total (7440-38-2)	X			LT.005						1	mg/l	lbs/day	LT .005		1
3M. Beryllium, Total, 7440-41-7)	X			LT.005						1	mg/l	lbs/day	LT .005		1
4M. Cadmium, Total (7440-43-9)	X			LT.005						1	mg/l	lbs/day	LT .005		1
5M. Chromium, Total (7440-47-3)	X			0.05	5.2					1	mg/l	lbs/day	.06	6.2	1
6M. Copper, Total (7440-50-8)	X			0.1	10.3					1	mg/l	lbs/day	.23	23.8	1
7M. Lead, Total (7439-92-1)	X			LT.005						1	mg/l	lbs/day	LT .005		1
8M. Mercury, Total (7439-97-6)	X			LT.00025						1	mg/l	lbs/day	LT .00025		1
9M. Nickel, Total (7440-02-0)	X			.15	15.5					1	mg/l	lbs/day	.15	15.5	1
10M. Selenium, Total (7782-49-2)	X			LT.005						1	mg/l	lbs/day	LT .005		1
11M. Silver, Total (7440-22-4)	X			LT.001						1	mg/l	lbs/day	LT .001		1
12M. Thallium, Total (7440-28-0)	X			LT.005						1	mg/l	lbs/day	LT .005		1
13M. Zinc, Total (7440-66-6)	X			.03	3.10					1	mg/l	lbs/day	.05	5.2	1
14M. Cyanide, Total (57-12-5)	X			LT.02						1	mg/l	lbs/day	LT .02		1
15M. Phenols, Total	X			LT.001						1	mg/l	lbs/day	LT .001		1
DIOXIN															
2,3,7,8-Tetrachlorodibenzo-P-Dioxin (1764-01-6)			X	DESCRIBE RESULTS											

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – VOLATILE COMPOUNDS															
1V. Acrolein (107-02-8)	X			LT 25						1	ug/l		LT 25		1
2V. Acrylonitrile (107-13-1)	X			LT 25						1	ug/l		LT 25		1
3V. Benzene (71-43-2)	X			LT 1						1	ug/l		LT 1		1
4V. Bis (Chloromethyl) Ether (542-88-1)	X			LT 1						1	ug/l		LT 1		1
5V. Bromoform (75-25-2)	X			LT 1						1	ug/l		LT 1		1
6V. Carbon Tetrachloride (56-23-5)	X			LT 1						1	ug/l		LT 1		1
7V. Chlorobenzene (108-90-7)	X			LT 1						1	ug/l		LT 1		1
8V. Chlorodibromomethane (124-48-1)	X			LT 1						1	ug/l		LT 1		1
9V. Chloroethane (75-00-3)	X			LT 1						1	ug/l		LT 1		1
10V. 2-Chloroethylvinyl Ether (110-75-8)	X			LT 1						1	ug/l		LT 1		1
11V. Chloroform (67-66-3)	X			LT 1						1	ug/l		LT 1		1
12V. Dichlorobromomethane (75-27-4)	X			LT 1						1	ug/l		LT 1		1
13V. Dichlorodifluoromethane (75-71-8)	X			LT 1						1	ug/l		LT 1		1
14V. 1,1-Dichloroethane (75-34-3)	X			LT 1						1	ug/l		LT 1		1
15V. 1,2-Dichloroethane (107-06-2)	X			LT 1						1	ug/l		LT 1		1
16V. 1,1-Dichloroethylene (75-35-4)	X			LT 1						1	ug/l		LT 1		1
17V. 1,2-Dichloropropane (78-87-5)	X			LT 1						1	ug/l		LT 1		1
18V 1,3-Dichloropropylene (542-75-6)	X			LT 1						1	ug/l		LT 1		1
19V. Ethylbenzene (100-41-4)	X			LT 1						1	ug/l		LT 1		1
20V. Methyl Bromide (74-83-9)	X			LT 1						1	ug/l		LT 1		1
21V. Methyl Chloride (74-87-3)	X			LT 1						1	ug/l		LT 1		1

CONTINUED FROM PAGE V-4

EPA I.D. NUMBER (copy from Item 1 of Form 1): NYD 986980183 | OUTFALL NUMBER: 001

Form Approved. OMB No. 2040-0086 Approval expires 7-31-88

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – VOLATILE COMPOUNDS (continued)															
2V. Methylene chloride (75-09-2)	X			LT 1						1	ug/l		LT 1		1
3V. 1,1,2,2-Tetrachloroethane (79-34-5)	X			LT 1						1	ug/l		LT 1		1
4V. Tetrachloroethylene (127-18-4)	X			LT 1						1	ug/l		LT 1		1
5V. Toluene (108-88-3)	X			LT 1						1	ug/l		LT 1		1
6V. 1,2-Trans-dichloroethylene (156-60-5)	X			LT 1						1	ug/l		LT 1		1
7V. 1,1,1-Trichloroethane (71-55-6)	X			LT 1						1	ug/l		LT 1		1
8V. 1,1,2-Trichloroethane (79-00-5)	X			LT 1						1	ug/l		LT 1		1
9V. Trichloroethylene (79-01-6)	X			LT 1						1	ug/l		LT 1		1
10V. Trichlorofluoromethane (75-69-4)	X			LT 1						1	ug/l		LT 1		1
11V. Vinyl chloride (75-01-4)	X			LT 1						1	ug/l		LT 1		1
GC/MS FRACTION – ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)	X			LT 1						1	ug/l		LT 1		1
2A. 2,4-Dichlorophenol (120-83-2)	X			LT 1						1	ug/l		LT 1		1
3A. 2,4-Dimethylphenol (105-67-9)	X			LT 1						1	ug/l		LT 1		1
4A. 4,6-Dinitro-O-Cresol (534-52-1)	X			LT 5						1	ug/l		LT 5		1
5A. 2,4-Dinitrophenol (51-28-5)	X			LT 10						1	ug/l		LT 10		1
6A. 2-Nitrophenol (88-75-5)	X			LT 1						1	ug/l		LT 1		1
7A. 4-Nitrophenol (100-02-7)	X			LT 1						1	ug/l		LT 1		1
8A. P-Chloro-M-Cresol (59-50-7)	X			LT 1						1	ug/l		LT 1		1
9A. Pentachlorophenol (87-86-5)	X			LT 100						1	ug/l		LT 100		1
10A. Phenol (108-95-2)	X			LT 1						1	ug/l		LT 1		1
11A. 2,4,6-Trichlorophenol	X			LT 1						1	ug/l		LT 1		1

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X" a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO OF ANALYSES
GC/MS FRACTION — BASE/NEUTRAL COMPOUNDS															
18. Acenaphthene (83-32-9)			X												
28. Acenaphtylene (208-96-8)			X												
38. Anthracene (120-12-7)			X												
48. Benzidine (92-87-5)			X												
58. Benzo *(a)* Anthracene (56-55-3)			X												
68. Benzo *(a)* Pyrene (50-32-8)			X												
78. 3,4-Benzo-fluoranthene (205-99-2)			X												
88. Benzo *(ghi)* Perylene (191-24-2)			X												
98. Benzo *(k)* Fluoranthene (207-08-9)			X												
108. Bis *(2-Chloro-ethoxy)* Methane (111-91-1)			X												
118. Bis *(2-Chloro-ethyl)* Ether (111-44-4)			X												
128. Bis *(2-Chloroiso-propyl)* Ether (102-60-1)			X												
138. Bis *(2-Ethyl-hexyl)* Phthalate (117-81-7)			X												
148. 4-Bromo-phenyl Phenyl Ether (101-55-3)			X												
158. Butyl Benzyl Phthalate (85-68-7)			X												
168. 2-Chloro-naphthalene (91-58-7)			X												
178. 4-Chloro-phenyl Phenyl Ether (7005-72-3)			X												
188. Chrysene (218-01-9)			X												
198. Dibenzo *(a,h)* Anthracene (53-70-3)			X												
208. 1,2-Dichloro-benzene (95-50-1)			X												
218. 1,3-Dichloro-benzene (541-73-1)			X												

CONTINUED FROM PAGE V-8

EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
NYD986755613	001

Form Approved
OMB No. 2040-0086
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1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X" a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (continued)															
22B. 1,4-Dichlorobenzene (106-46-7)			X												
23B. 3,3'-Dichlorobenzidine (91-94-1)			X												
24B. Diethyl Phthalate (84-66-2)			X												
25B. Dimethyl Phthalate (131-11-3)			X												
26B. Di-N-Butyl Phthalate (84-74-2)			X												
27B. 2,4-Dinitrotoluene (121-14-2)			X												
28B. 2,6-Dinitrotoluene (606-20-2)			X												
29B. Di-N-Octyl Phthalate (117-84-0)			X												
30B. 1,2-Diphenylhydrazine (as Azobenzene) (122-66-7)			X												
31B. Fluoranthene (206-44-0)			X												
32B. Fluorene (86-73-7)			X												
33B. Hexachlorobenzene (118-74-1)			X												
34B. Hexachlorobutadiene (87-68-3)			X												
35B. Hexachlorocyclopentadiene (77-47-4)			X												
36B. Hexachloroethane (67-72-1)			X												
37B. Indeno (1,2,3-cd) Pyrene (193-39-5)			X												
38B. Isophorone (78-59-1)			X												
39B. Naphthalene (91-20-3)			X												
40B. Nitrobenzene (98-95-3)			X												
41B. N-Nitrosodimethylamine (62-75-9)			X												
42B. N-Nitrosodi-N-Propylamine (621-64-7)			X												

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (If available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (continued)															
43B. N-Nitrosodiphenylamine (86-30-6)			X												
44B. Phenanthrene (85-01-8)			X												
45B. Pyrene (129-00-0)			X												
46B. 1,2,4-Trichlorobenzene (120-82-1)			X												
GC/MS FRACTION – PESTICIDES															
1P. Aldrin (309-00-2)			X												
2P. α-BHC (319-84-6)			X												
3P. β-BHC (319-85-7)			X												
4P. γ-BHC (58-89-9)			X												
5P. δ-BHC (319-86-8)			X												
6P. Chlordane (57-74-9)			X												
7P. 4,4'-DDT (50-29-3)			X												
8P. 4,4'-DDE (72-55-9)			X												
9P. 4,4'-DDD (72-54-8)			X												
10P. Dieldrin (60-57-1)			X												
11P. α-Endosulfan (115-29-7)			X												
12P. β-Endosulfan (115-29-7)			X												
13P. Endosulfan Sulfate (1031-07-8)			X												
14P. Endrin (72-20-8)			X												
15P. Endrin Aldehyde (7421-93-4)			X												
16P. Heptachlor (76-44-8)			X												

CONTINUED FROM PAGE V-8

Form Approved
OMB No. 2040-0086
Approval expires 7-31-88

EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
NYD986980183	001

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE (1) CONCENTRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (if available) (2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	c. LONG TERM AVRG. VALUE (if available) (2) MASS	d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	a. LONG TERM AVERAGE VALUE (2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION — PESTICIDES (continued)															
17P. Heptachlor Epoxide (1024-57-3)			X												
18P. PCB-1242 (53469-21-9)			X												
19P. PCB-1254 (11097-69-1)			X												
20P. PCB-1221 (11104-28-2)			X												
21P. PCB-1232 (11141-16-5)			X												
22P. PCB-1248 (12672-29-6)			X												
23P. PCB-1260 (11096-82-5)			X												
24P. PCB-1016 (12674-11-2)			X												
25P. Toxaphene (8001-35-2)			X												

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PLEASE PRINT OR TYPE IN THE UNSHADED AREAS ONLY. You may report some or all of this information on separate sheets (use the same format) instead of completing these pages. SEE INSTRUCTIONS.

EPA I.D. NUMBER (copy from Item 1 of Form 1): NYD986980183

Form Approved. OMB No. 2040-0086. Approval expires 7-31-88

Shoreham

OUTFALL NO. 001a

V. INTAKE AND EFFLUENT CHARACTERISTICS (continued from page 3 of Form 2-C)

PART A - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

1. POLLUTANT	2. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (if available) (2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	c. LONG TERM AVRG. VALUE (if available) (2) MASS	d. NO. OF ANALYSES	3. UNITS (specify if blank) a. CONCENTRATION	3. UNITS b. MASS	4. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	4. INTAKE a. LONG TERM AVERAGE VALUE (2) MASS	4. INTAKE b. NO. OF ANALYSES
a. Biochemical Oxygen Demand (BOD)	8	1.7					1	mg/l	lbs/day			
b. Chemical Oxygen Demand (COD)	LT 40						1	mg/l				
c. Total Organic Carbon (TOC)	3 5	.7					1	mg/l	lbs/day			
d. Total Suspended Solids (TSS)	[illegible]				12.1		74	mg/l				
e. Ammonia (as N)	.39	.08					1	mg/l	lbs/day			
f. Flow	VALUE 25000		VALUE		VALUE		1	GPD		VALUE		
g. Temperature (winter)	VALUE 18.5		VALUE		VALUE		1	°C		VALUE		
h. Temperature (summer)	VALUE NA		VALUE		VALUE			°C		VALUE		
i. pH	MINIMUM 7.77	MAXIMUM 7.77	MINIMUM	MAXIMUM			1	STANDARD UNITS				

PART B - Mark "X" in column 2-a for each pollutant you know or have reason to believe is present. Mark "X" in column 2-b for each pollutant you believe to be absent. If you mark column 2a for any pollutant which is limited either directly, or indirectly but expressly, in an effluent limitations guideline, you must provide the results of at least one analysis for that pollutant. For other pollutants for which you mark column 2a, you must provide quantitative data or an explanation of their presence in your discharge. Complete one table for each outfall. See the instructions for additional details and requirements.

1. POLLUTANT AND CAS NO. (if available)	2. MARK "X" a. BELIEVED PRESENT	2. MARK "X" b. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (if available) (2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	c. LONG TERM AVRG. VALUE (if available) (2) MASS	3. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	4. UNITS b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	5. INTAKE a. LONG TERM AVERAGE VALUE (2) MASS	5. INTAKE b. NO. OF ANALYSES
a. Bromide (24959-67-9)		X												
b. Chlorine, Total Residual		X												
c. Color		X												
d. Fecal Coliform		X												
e. Fluoride (16984-48-8)		X												
f. Nitrate--Nitrite (as N)	X		LT .5						1	mg/l				

CONTINUE ON REVERSE

ITEM V-B CONTINUED FROM FRONT

1. POLLUTANT AND CAS NO. (If available)	2. MARK "X" a. Believed Present	b. Believed Absent	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (If available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVG. VALUE (If available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
g. Nitrogen, Total Organic (as N)	X		1.6	.3					1	mg/l	lbs/day			
h. Oil & Grease	X		LT .4				LT 5.0		17	mg/l				
i. Phosphorus (as P), Total (7723-14-0)	X		LT .02						1	mg/l				
j. Radioactivity														
(1) Alpha, Total		X												
(2) Beta, Total		X												
(3) Radium, Total		X												
(4) Radium 226, Total		X												
k. Sulfate (as SO4) (14808-79-8)	X		320	66.7					1	mg/l	lbs/day			
l. Sulfide (as S)	X		LT .1						1	mg/l				
m. Sulfite (as SO3) (14265-45-3)	X		LT .4						1	mg/l				
n. Surfactants		X												
o. Aluminum, Total (7429-90-5)		X												
p. Barium, Total (7440-39-3)		X												
q. Boron, Total (7440-42-8)		X												
r. Cobalt, Total (7440-48-4)		X												
s. Iron, Total (7439-89-6)	X		.20	.04					1	mg/l	lbs/day			
t. Magnesium, Total (7439-95-4)	X		.12	.03					1	mg/l	lbs/day			
u. Molybdenum, Total (7439-98-7)		X												
v. Manganese, Total (7439-96-5)	X		LT .02						1	mg/l				
w. Tin, Total (7440-31-5)		X												
x. Titanium, Total (7440-32-6)		X												

CONTINUED FROM PAGE 3 OF FORM 2-C

EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
NY D956980103	001a

Form Approved
OMB No. 2040-0086
Approval expires 7-31-88

PART C - If you are a primary industry and this outfall contains process wastewater, refer to Table 2c-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark "X" in column 2-a for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a *(secondary industries, nonprocess wastewater outfalls, and nonrequired GC/MS fractions)*, mark "X" in column 2-b for each pollutant you know or have reason to believe is present. Mark "X" in column 2-c for each pollutant you believe is absent. If you mark column 2a for any pollutant, you must provide the results of at least one analysis for that pollutant. If you mark column 2b for any pollutant, you must provide the results of at least one analysis for that pollutant if you know or have reason to believe it will be discharged in concentrations of 10 ppb or greater. If you mark column 2b for acrolein, acrylonitrile, 2,4 dinitrophenol, or 2-methyl-4, 6 dinitrophenol, you must provide the results of at least one analysis for each of these pollutants which you know or have reason to believe that you discharge in concentrations of 100 ppb or greater. Otherwise, for pollutants for which you mark column 2b, you must either submit at least one analysis or briefly describe the reasons the pollutant is expected to be discharged. Note that there are 7 pages to this part; please review each carefully. Complete one table *(all 7 pages)* for each outfall. See instructions for additional details and requirements.

1. POLLUTANT AND CAS NUMBER (If available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TEST-ING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)	X			LT.005						1	mg/l				
2M. Arsenic, Total (7440-38-2)	X			LT.005						1	mg/l				
3M. Beryllium, Total, 7440-41-7)	X			LT.001						1	mg/l				
4M. Cadmium, Total (7440-43-9)	X			LT.001						1	mg/l				
5M. Chromium, Total (7440-47-3)	X			0.02	.004					1	mg/l	lbs/day			
6M. Copper, Total (7440-50-8)	X			LT .02						1	mg/l				
7M. Lead, Total (7439-92-1)	X			.005	.001					1	mg/l	lbs/day			
8M. Mercury, Total (7439-97-6)	X			LT.00025						1	mg/l				
9M. Nickel, Total (7440-02-0)	X			LT .1						1	mg/l				
10M. Selenium, Total (7782-49-2)	X			LT.005						1	mg/l				
11M. Silver, Total (7440-22-4)	X			.004	.001					1	mg/l	lbs/day			
12M. Thallium, Total (7440-28-0)	X			LT.005						1	mg/l				
13M. Zinc, Total (7440-66-6)	X			.03	.006					1	mg/l	lbs/day			
14M. Cyanide, Total (57-12-5)	X			LT.02						1	mg/l				
15M. Phenols, Total	X			LT.001						1	mg/l				
DIOXIN															
2,3,7,8-Tetrachlorodibenzo-P-Dioxin (1764-01-6)			X	DESCRIBE RESULTS											

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. TEST INCLUDED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	(3) NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – VOLATILE COMPOUNDS															
1V. Acrolein (107-02-8)	X			LT 25						1	ug/l				
2V. Acrylonitrile (107-13-1)	X			LT 25						1	ug/l				
3V. Benzene (71-43-2)	X			LT 1						1	ug/l				
4V. Bis (Chloromethyl) Ether (542-88-1)	X			LT 1						1	ug/l				
5V. Bromoform (75-25-2)	X			LT 1						1	ug/l				
6V. Carbon Tetrachloride (56-23-5)	X			LT 1						1	ug/l				
7V. Chlorobenzene (108-90-7)	X			LT 1						1	ug/l				
8V. Chlorodibromomethane (124-48-1)	X			LT 1						1	ug/l				
9V. Chloroethane (75-00-3)	X			LT 1						1	ug/l				
10V. 2-Chloroethylvinyl Ether (110-75-8)	X			LT 1						1	ug/l				
11V. Chloroform (67-66-3)	X			LT 1						1	ug/l				
12V. Dichlorobromomethane (75-27-4)	X			LT 1						1	ug/l				
13V. Dichlorodifluoromethane (75-71-8)	X			LT 1						1	ug/l				
14V. 1,1-Dichloroethane (75-34-3)	X			LT 1						1	ug/l				
15V. 1,2-Dichloroethane (107-06-2)	X			LT 1						1	ug/l				
16V. 1,1-Dichloroethylene (75-35-4)	X			LT 1						1	ug/l				
17V. 1,2-Dichloropropane (78-87-5)	X			LT 1						1	ug/l				
18V 1,3-Dichloropropylene (542-75-6)	X			LT 1						1	ug/l				
19V. Ethylbenzene (100-41-4)	X			LT 1						1	ug/l				
20V. Methyl Bromide (74-83-9)	X			LT 1						1	ug/l				
21V. Methyl Chloride (74-87-3)	X			LT 1						1	ug/l				

NTINUED FROM PAGE V-4

EPA I.D. NUMBER (copy from Item 1 of Form 1) NYD986980183 | OUTFALL NUMBER 001a

Form Approved. OMB No. 2040-0086 Approval expires 7-31-88

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X" a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – VOLATILE COMPOUNDS (continued)															
IV. Methylene hloride (75-09-2)	X			LT 1						1	ug/l				
IV. 1,1,2,2-Tetra-loroethane 9-34-5)	X			LT 1						1	ug/l				
IV. Tetrachloro-hylene (127-18-4)	X			LT 1						1	ug/l				
IV. Toluene 08-88-3)	X			LT 1						1	ug/l				
IV. 1,2-Trans-ichloroethylene 56-60-5)	X			LT 1						1	ug/l				
V. 1,1,1-Tri-loroethane 1-55-6)	X			LT 1						1	ug/l				
IV. 1,1,2-Tri-loroethane 9-00-5)	X			LT 1						1	ug/l				
IV. Trichloro-hylene (79-01-6)	X			LT 1						1	ug/l				
IV. Trichloro-oromethane 5-69-4)	X			LT 1						1	ug/l				
V. Vinyl loride (75-01-4)	X			LT 1						1	ug/l				
GC/MS FRACTION – ACID COMPOUNDS															
. 2-Chlorophenol 5-57-8)	X			LT 1						1	ug/l				
. 2,4-Dichloro-enol (120-83-2)	X			LT 1						1	ug/l				
. 2,4-Dimethyl-enol (105-67-9)	X			LT 1						1	ug/l				
4,6-Dinitro-O-esol (534-52-1)	X			LT 5						1	ug/l				
. 2,4-Dinitro-enol (51-28-5)	X			LT 10						1	ug/l				
. 2-Nitrophenol 3-75-5)	X			LT 1						1	ug/l				
4-Nitrophenol 0-02-7)	X			LT 1						1	ug/l				
. P-Chloro M-esol (59-50-7)	X			LT 1						1	ug/l				
. Pentachloro-enol (87-86-5)	X			LT 100						1	ug/l				
A. Phenol 8-95-2)	X			LT 1						1	ug/l				
A. 2,4,6-Tri-lorophenol 0-06-2)	X			LT 1						1	ug/l				

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS															
18. Acenaphthene (83-32-9)	X			LT 1						1	ug/l				
28. Acenaphtylene (208-96-8)	X			LT 1						1	ug/l				
38. Anthracene (120-12-7)	X			LT 1						1	ug/l				
48. Benzidine (92-87-5)	X			LT 50						1	ug/l				
58. Benzo (a) Anthracene (56-55-3)	X			LT 1						1	ug/l				
58. Benzo (a) Pyrene (50-32-8)	X			LT 1						1	ug/l				
78. 3,4-Benzo-fluoranthene (205-99-2)	X			LT 1						1	ug/l				
88. Benzo (ghi) Perylene (191-24-2)	X			LT 1						1	ug/l				
98. Benzo (k) Fluoranthene (207-08-9)	X			LT 1						1	ug/l				
108. Bis (2-Chloro-ethoxy) Methane (111-91-1)	X			LT 1						1	ug/l				
118. Bis (2-Chloro-ethyl) Ether (111-44-4)	X			LT 1						1	ug/l				
128. Bis (2-Chloroiso-propyl) Ether (102-80-1)	X			LT 1						1	ug/l				
138. Bis (2-Ethyl-hexyl) Phthalate (117-81-7)	X			1	2.1E-4					1	ug/l	lbs/day			
148. 4-Bromo-phenyl Phenyl Ether (101-55-3)	X			LT 1						1	ug/l				
158. Butyl Benzyl Phthalate (85-68-7)	X			LT 1						1	ug/l				
168. 2-Chloro-naphthalene (91-58-7)	X			LT 1						1	ug/l				
178. 4-Chloro-phenyl Phenyl Ether (7005-72-3)	X			LT 1						1	ug/l				
188. Chrysene (218-01-9)	X			LT 1						1	ug/l				
198. Dibenzo (a,h) Anthracene (53-70-3)	X			LT 1						1	ug/l				
208. 1,2-Dichloro-benzene (95-50-1)	X			LT 1						1	ug/l				
218. 1,3-Dichloro-benzene (541-73-1)	X			LT 1						1	ug/l				

CONTINUED FROM PAGE V-6

EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
NY0986930183	001a

1. POLLUTANT AND CAS NUMBER (If available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TEST-ING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (If available)		c. LONG TERM AVRG. VALUE (If available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVRG. CONCENTRATION	b. MASS	b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS						
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (continued)															
22B. 1,4-Dichlorobenzene (106-46-7)	X			LT 1						1	ug/l				
23B. 3,3'-Dichlorobenzidine (91-94-1)	X			LT 50						1	ug/l				
24B. Diethyl Phthalate (84-66-2)	X			LT 1						1	ug/l				
25B. Dimethyl Phthalate (131-11-3)	X			LT 1						1	ug/l				
26B. Di-N-Butyl Phthalate (84-74-2)	X			2	4.1E-4					1	ug/l	lbs/day			
27B. 2,4-Dinitrotoluene (121-14-2)	X			LT 1						1	ug/l				
28B. 2,6-Dinitrotoluene (606-20-2)	X			LT 1						1	ug/l				
29B. Di-N-Octyl Phthalate (117-84-0)	X			LT 1						1	ug/l				
30B. 1,2-Diphenylhydrazine (as Azobenzene) (122-66-7)	X			LT 1						1	ug/l				
31B. Fluoranthene (206-44-0)	X			LT 1						1	ug/l				
32B. Fluorene (86-73-7)	X			LT 1						1	ug/l				
33B. Hexachlorobenzene (118-74-1)	X			LT 1						1	ug/l				
34B. Hexachlorobutadiene (87-68-3)	X			LT 1						1	ug/l				
35B. Hexachlorocyclopentadiene (77-47-4)	X			LT 100						1	ug/l				
36B. Hexachloroethane (67-72-1)	X			LT 1						1	ug/l				
37B. Indeno (1,2,3-cd) Pyrene (193-39-5)	X			LT 1						1	ug/l				
38B. Isophorone (78-59-1)	X			LT 1						1	ug/l				
39B. Naphthalene (91-20-3)	X			LT 1						1	ug/l				
40B. Nitrobenzene (98-95-3)	X			LT 1						1	ug/l				
41B. N-Nitrosodimethylamine (62-75-9)	X			LT 1						1	ug/l				
42B. N-Nitrosodi-N-Propylamine (621-64-7)	X			LT 1						1	ug/l				

CONTINUE ON REVERSE

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (If available)	2. MARK "X" a. Testing Required	b. Believed Present	c. Believed Absent	3. EFFLUENT a. MAXIMUM DAILY VALUE (+) Concentration	(+) Mass	b. MAXIMUM 30 DAY VALUE (If available) (+) Concentration	(+) Mass	c. LONG TERM AVRG. VALUE (If available) (+) Concentration	(+) Mass	d. NO. OF ANALYSES	4. UNITS a. Concentration	b. Mass	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (+) Concentration	(+) Mass	b. NO. OF ANALYSES
GC/MS FRACTION — BASE/NEUTRAL COMPOUNDS *(continued)*															
43B. N-Nitrosodiphenylamine (86-30-6)	X			LT 1						1	ug/l				
44B. Phenanthrene (85-01-8)	X			LT 1						1	ug/l				
45B. Pyrene (129-00-0)	X			LT 1						1	ug/l				
46B. 1,2,4-Trichlorobenzene (120-82-1)	X			LT 1						1	ug/l				
GC/MS FRACTION — PESTICIDES															
1P. Aldrin (309-00-2)			X												
2P. α-BHC (319-84-6)			X												
3P. β-BHC (319-85-7)			X												
4P. γ-BHC (58-89-9)			X												
5P. δ-BHC (319-86-8)			X												
6P. Chlordane (57-74-9)			X												
7P. 4,4'-DDT (50-29-3)			X												
8P. 4,4'-DDE (72-55-9)			X												
9P. 4,4'-DDD (72-54-8)			X												
10P. Dieldrin (60-57-1)			X												
11P. α-Endosulfan (115-29-7)			X												
12P. β-Endosulfan (115-29-7)			X												
13P. Endosulfan Sulfate (1031-07-8)			X												
14P. Endrin (72-20-8)			X												
15P. Endrin Aldehyde (7421-93-4)			X												
16P. Heptachlor (76-44-8)			X												

CONTINUED FROM PAGE V-8

EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
NYD986980183	001a

Form Approved
OMB No. 2040-0086
Approval expires 7-31-88

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. TESTED	b. REQUIRED	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION — PESTICIDES (continued)															
17P. Heptachlor Epoxide (1024-57-3)			X												
18P. PCB-1242 (53469-21-9)			X												
19P. PCB-1254 (11097-69-1)			X												
20P. PCB-1221 (11104-28-2)			X												
21P. PCB-1232 (11141-16-5)			X												
22P. PCB-1248 (12672-29-6)			X												
23P. PCB-1260 (11096-82-5)			X												
24P. PCB-1016 (12674-11-2)			X												
25P. Toxaphene (8001-35-2)			X												

PLEASE PRINT OR TYPE IN THE UNSHADED AREAS ONLY. You may report some or all of this information on separate sheets (use the same format) instead of completing these pages. SEE INSTRUCTIONS.

EPA I.D. NUMBER (copy from Item 1 of Form 1): NYD986980113

Form Approved OMB No. 2040-0086 Approval expires 7-31-88

Shoreham

OUTFALL NO. 001b

V. INTAKE AND EFFLUENT CHARACTERISTICS (continued from page 3 of Form 2-C)

PART A - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

1. POLLUTANT	2. EFFLUENT a. MAXIMUM DAILY VALUE (+) CONCENTRATION	a. MAXIMUM DAILY VALUE (+) MASS	b. MAXIMUM 30 DAY VALUE (if available) (+) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (if available) (+) MASS	c. LONG TERM AVRG. VALUE (if available) (+) CONCENTRATION	c. LONG TERM AVRG. VALUE (if available) (+) MASS	d. NO. OF ANALYSES	3. UNITS (specify if blank) a. CONCENTRATION	3. UNITS b. MASS	4. INTAKE (optional) a. LONG TERM AVERAGE VALUE (+) CONCENTRATION	4. INTAKE a. LONG TERM AVERAGE VALUE (+) MASS	4. INTAKE b. NO. OF ANALYSES
a. Biochemical Oxygen Demand (BOD)	LT 2						1	mg/l				
b. Chemical Oxygen Demand (COD)	LT 40						1	mg/l				
c. Total Organic Carbon (TOC)	LT 1						1	mg/l				
d. Total Suspended Solids (TSS)	LT 3				11.4		87	mg/l				
e. Ammonia (as N)	LT .05						1	mg/l				
f. Flow	VALUE 17609		VALUE		VALUE		1	GPD		VALUE		
g. Temperature (winter)	VALUE 20.7		VALUE		VALUE		1	°C		VALUE		
h. Temperature (summer)	VALUE NA		VALUE		VALUE		1	°C		VALUE		
i. pH	MINIMUM 6.63	MAXIMUM 6.63	MINIMUM	MAXIMUM			1	STANDARD UNITS				

PART B - Mark "X" in column 2-a for each pollutant you know or have reason to believe is present. Mark "X" in column 2-b for each pollutant you believe to be absent. If you mark column 2a for any pollutant which is limited either directly or indirectly but expressly, in an effluent limitations guideline, you must provide the results of at least one analysis for that pollutant. For other pollutants for which you mark column 2a, you must provide quantitative data or an explanation of their presence in your discharge. Complete one table for each outfall. See the instructions for additional details and requirements.

1. POLLUTANT AND CAS NO. (if available)	2. MARK "X" a. BELIEVED PRESENT	2. MARK "X" b. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (+) CONCENTRATION	a. MAXIMUM DAILY VALUE (+) MASS	b. MAXIMUM 30 DAY VALUE (if available) (+) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (if available) (+) MASS	c. LONG TERM AVRG. VALUE (if available) (+) CONCENTRATION	c. LONG TERM AVRG. VALUE (if available) (+) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	4. UNITS b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (+) CONCENTRATION	5. INTAKE a. LONG TERM AVERAGE VALUE (+) MASS	5. INTAKE b. NO. OF ANALYSES
a. Bromide (24959-67-9)		X												
b. Chlorine, Total Residual		X												
c. Color		X												
d. Fecal Coliform		X												
e. Fluoride (16984-48-8)		X												
f. Nitrate--Nitrite (as N)	X		LT .5						1	mg/l				

CONTINUE ON REVERSE

ITEM V-B CONTINUED FROM FRONT

1. POLLUTANT AND CAS NO. (if available)	2. MARK "X" a. BELIEVED PRESENT	b. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVRG. VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
g. Nitrogen, Total Organic (as N)	X		.2	.03					1	mg/l	lbs/day			
h. Oil and Grease	X		LT .4				LT 5.0		44	mg/l				
i. Phosphorus (as P), Total (7723-14-0)		X												
j. Radioactivity														
(1) Alpha, Total	X		LT 1.5E-8						1	UCi/ml				
(2) Beta, Total	X		7.9E-8						1	UCi/ml				
(3) Radium, Total		X												
(4) Radium 226, Total	X		N.D.						1	UCi/ml				
k. Sulfate (as SO_4) (14808-79-8)	X		LT 5						1	mg/l				
l. Sulfide (as S)	X		LT .1						1	mg/l				
m. Sulfite (as SO_3) (14265-45-3)	X		LT .4						1	mg/l				
n. Surfactants		X												
o. Aluminum, Total (7429-90-5)		X												
p. Barium, Total (7440-39-3)		X												
q. Boron, Total (7440-42-8)		X												
r. Cobalt, Total (7440-48-4)		X												
s. Iron, Total (7439-89-6)	X		.09	.01			2.0		45	mg/l	lbs/day			
t. Magnesium, Total (7439-95-4)	X		LT .05						1	mg/l				
u. Molybdenum, Total (7439-98-7)		X												
v. Manganese, Total (7439-96-5)	X		LT .02						1	mg/l				
w. Tin, Total (7440-31-5)		X												
x. Titanium, Total (7440-32-6)		X												

CONTINUE ON PAGE V-3

EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
MDI86980B3	001b

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OMB No. 2040-0086
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CONTINUED FROM PAGE 3 OF FORM 2-C

PART C - If you are a primary industry and this outfall contains process wastewater, refer to Table 2c-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark "X" in column 2-a for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a *(secondary industries, nonprocess wastewater outfalls, and nonrequired GC/MS fractions)*, mark "X" in column 2-b for each pollutant you know or have reason to believe is present. Mark "X" in column 2-c for each pollutant you believe is absent. If you mark column 2a for any pollutant, you must provide the results of at least one analysis for that pollutant. If you mark column 2b for any pollutant, you must provide the results of at least one analysis for that pollutant if you know or have reason to believe it will be discharged in concentrations of 10 ppb or greater. If you mark column 2b for acrolein, acrylonitrile, 2,4 dinitrophenol, or 2-methyl-4, 6 dinitrophenol, you must provide the results of at least one analysis for each of these pollutants which you know or have reason to believe that you discharge in concentrations of 100 ppb or greater. Otherwise, for pollutants for which you mark column 2b, you must either submit at least one analysis or briefly describe the reasons the pollutant is expected to be discharged. Note that there are 7 pages to this part; please review each carefully. Complete one table *(all 7 pages)* for each outfall. See instructions for additional details and requirements.

1. POLLUTANT AND CAS NUMBER (If available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TEST-ING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)	X			LT.005						1	mg/l				
2M. Arsenic, Total (7440-38-2)	X			LT.005						1	mg/l				
3M. Beryllium, Total, 7440-41-7)	X			LT.001						1	mg/l				
4M. Cadmium, Total (7440-43-9)	X			LT.001						1	mg/l				
5M. Chromium, Total (7440-47-3)	X			LT.02						1	mg/l				
6M. Copper, Total (7440-50-8)	X			LT .02						1	mg/l				
7M. Lead, Total (7439-92-1)	X			LT.005						1	mg/l				
8M. Mercury, Total (7439-97-6)	X			LT.00025						1	mg/l				
9M. Nickel, Total (7440-02-0)	X			LT .1						1	mg/l				
10M. Selenium, Total (7782-49-2)	X			LT.005						1	mg/l				
11M. Silver, Total (7440-22-4)	X			LT.001						1	mg/l				
12M. Thallium, Total (7440-28-0)	X			LT.005						1	mg/l				
13M. Zinc, Total (7440-66-6)	X			LT .02						1	mg/l				
14M. Cyanide, Total (57-12-5)	X			LT.02						1	mg/l				
15M. Phenols, Total	X			.002	2.9E-4					1	mg/l	lbs/day			
DIOXIN															
2,3,7,8-Tetrachlorodibenzo-P-Dioxin (1764-01-6)			X	DESCRIBE RESULTS											

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. TEST INCLUDED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO OF ANALYSES
GC/MS FRACTION – VOLATILE COMPOUNDS															
1V. Acrolein (107-02-8)	X			LT 25						1	ug/l				
2V. Acrylonitrile (107-13-1)	X			LT 25						1	ug/l				
3V. Benzene (71-43-2)	X			LT 1						1	ug/l				
4V. Bis (Chloromethyl) Ether (542-88-1)	X			LT 1						1	ug/l				
5V. Bromoform (75-25-2)	X			LT 1						1	ug/l				
6V. Carbon Tetrachloride (56-23-5)	X			LT 1						1	ug/l				
7V. Chlorobenzene (108-90-7)	X			LT 1						1	ug/l				
8V. Chlorodibromomethane (124-48-1)	X			LT 1						1	ug/l				
9V. Chloroethane (75-00-3)	X			LT 1						1	ug/l				
10V. 2-Chloroethylvinyl Ether (110-75-8)	X			LT 1						1	ug/l				
11V. Chloroform (67-66-3)	X			LT 1						1	ug/l				
12V. Dichlorobromomethane (75-27-4)	X			LT 1						1	ug/l				
13V. Dichlorodifluoromethane (75-71-8)	X			LT 1						1	ug/l				
14V. 1,1-Dichloroethane (75-34-3)	X			LT 1						1	ug/l				
15V. 1,2-Dichloroethane (107-06-2)	X			LT 1						1	ug/l				
16V. 1,1-Dichloroethylene (75-35-4)	X			LT 1						1	ug/l				
17V. 1,2-Dichloropropane (78-87-5)	X			LT 1						1	ug/l				
18V 1,3-Dichloropropylene (542-75-6)	X			LT 1						1	ug/l				
19V. Ethylbenzene (100-41-4)	X			LT 1						1	ug/l				
20V. Methyl Bromide (74-83-9)	X			LT 1						1	ug/l				
21V. Methyl Chloride (74-87-3)	X			LT 1						1	ug/l				

NPDES NUMBER (copy from Item 1 of Form 1): NYD986150183 | OUTFALL NUMBER: 001b

Form Approved. OMB No. 2040-0086. Approval expires 7-31-88

CONTINUED FROM PAGE V-4

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X" a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVRG. VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – VOLATILE COMPOUNDS (continued)															
V. Methylene loride (75-09-2)	X			LT 1						1	ug/l				
V. 1,1,2,2-Tetra-loroethane 9-34-5)	X			LT 1						1	ug/l				
V. Tetrachloro-ylene (127-18-4)	X			LT 1						1	ug/l				
V. Toluene 38-88-3)	X			LT 1						1	ug/l				
V. 1,2-Trans-chloroethylene 6-60-5)	X			LT 1						1	ug/l				
V. 1,1,1-Tri-loroethane 1-55-6)	X			LT 1						1	ug/l				
V. 1,1,2-Tri-loroethane 1-00-5)	X			LT 1						1	ug/l				
V. Trichloro-ylene (79-01-6)	X			LT 1						1	ug/l				
V. Trichloro-oromethane 1-69-4)	X			LT 1						1	ug/l				
V. Vinyl loride (75-01-4)	X			LT 1						1	ug/l				
GC/MS FRACTION – ACID COMPOUNDS															
. 2-Chlorophenol 1-57-8)	X			LT 1						1	ug/l				
. 2,4-Dichloro-nol (120-83-2)	X			LT 1						1	ug/l				
. 2,4-Dimethyl-nol (105-67-9)	X			LT 1						1	ug/l				
. 4,6-Dinitro-O-ol (534-52-1)	X			LT 5						1	ug/l				
2,4-Dinitro-nol (51-28-5)	X			LT 10						1	ug/l				
2-Nitrophenol -75-5)	X			LT 1						1	ug/l				
4-Nitrophenol 0-02-7)	X			LT 1						1	ug/l				
P-Chloro-M-ol (59-50-7)	X			LT 1						1	ug/l				
Pentachloro-nol (87-86-5)	X			LT 100						1	ug/l				
. Phenol 8-95-2)	X			LT 1						1	ug/l				
. 2,4,6-Tri-ophenol	X			LT 1						1	ug/l				

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (If available)	2. MARK "X" a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)	X			LT 1						1	ug/l				
2B. Acenaphtylene (208-96-8)	X			LT 1						1	ug/l				
3B. Anthracene (120-12-7)	X			LT 1						1	ug/l				
4B. Benzidine (92-87-5)	X			LT 50						1	ug/l				
5B. Benzo (a) Anthracene (56-55-3)	X			LT 1						1	ug/l				
6B. Benzo (a) Pyrene (50-32-8)	X			LT 1						1	ug/l				
7B. 3,4-Benzo-fluoranthene (205-99-2)	X			LT 1						1	ug/l				
8B. Benzo (ghi) Perylene (191-24-2)	X			LT 1						1	ug/l				
9B. Benzo (k) Fluoranthene (207-08-9)	X			LT 1						1	ug/l				
10B. Bis (2-Chloro-ethoxy) Methane (111-91-1)	X			LT 1						1	ug/l				
11B. Bis (2 Chloro-ethyl) Ether (111-44-4)	X			LT 1						1	ug/l				
12B. Bis (2-Chloroiso-propyl) Ether (102-80-1)	X			LT 1						1	ug/l				
13B. Bis (2-Ethyl-hexyl) Phthalate (117-81-7)	X			LT 1						1	ug/l				
14B. 4-Bromo-phenyl Phenyl Ether (101-55-3)	X			LT 1						1	ug/l				
15B. Butyl Benzyl Phthalate (85-68-7)	X			LT 1						1	ug/l				
16B. 2-Chloro-naphthalene (91-58-7)	X			LT 1						1	ug/l				
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)	X			LT 1						1	ug/l				
18B. Chrysene (218-01-9)	X			LT 1						1	ug/l				
19B. Dibenzo (a,h) Anthracene (53-70-3)	X			LT 1						1	ug/l				
20B. 1,2-Dichloro-benzene (95-50-1)	X			LT 1						1	ug/l				
21B. 1,3-Dichloro-benzene (541-73-1)	X			LT 1						1	ug/l				

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CONTINUED FROM PAGE V-6

EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
NYD986935183	001b

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1. POLLUTANT AND CAS NUMBER (If available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TEST-ING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (continued)															
228. 1,4-Dichlorobenzene (106-46-7)	X			LT 1						1	ug/l				
238. 3,3'-Dichlorobenzidine (91-94-1)	X			LT 50						1	ug/l				
248. Diethyl Phthalate (84-66-2)	X			LT 1						1	ug/l				
258. Dimethyl Phthalate (131-11-3)	X			LT 1						1	ug/l				
268. Di-N-Butyl Phthalate (84-74-2)	X			2	2.9E-4					1	ug/l	lbs/day			
278. 2,4-Dinitrotoluene (121-14-2)	X			LT 1						1	ug/l				
288. 2,6-Dinitrotoluene (606-20-2)	X			LT 1						1	ug/l				
298. Di-N-Octyl Phthalate (117-84-0)	X			LT 1						1	ug/l				
308. 1,2-Diphenylhydrazine (as Azobenzene) (122-66-7)	X			LT 1						1	ug/l				
318. Fluoranthene (206-44-0)	X			LT 1						1	ug/l				
328. Fluorene (86-73-7)	X			LT 1						1	ug/l				
338. Hexachlorobenzene (118-74-1)	X			LT 1						1	ug/l				
348. Hexachlorobutadiene (87-68-3)	X			LT 1						1	ug/l				
358. Hexachlorocyclopentadiene (77-47-4)	X			LT 100						1	ug/l				
368. Hexachloroethane (67-72-1)	X			LT 1						1	ug/l				
378. Indeno (1,2,3-cd) Pyrene (193-39-5)	X			LT 1						1	ug/l				
388. Isophorone (78-59-1)	X			LT 1						1	ug/l				
398. Naphthalene (91-20-3)	X			LT 1						1	ug/l				
408. Nitrobenzene (98-95-3)	X			LT 1						1	ug/l				
418. N-Nitrosodimethylamine (62-75-9)	X			LT 1						1	ug/l				
428. N-Nitrosodi-N-Propylamine (621-64-7)	X			LT 1						1	ug				

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (continued)															
43B. N-Nitrosodiphenylamine (86-30-6)	X			LT 1						1	ug/l				
44B. Phenanthrene (85-01-8)	X			LT 1						1	ug/l				
45B. Pyrene (129-00-0)	X			LT 1						1	ug/l				
46B. 1,2,4-Trichlorobenzene (120-82-1)	X			LT 1						1	ug/l				
GC/MS FRACTION – PESTICIDES															
1P. Aldrin (309-00-2)			X												
2P. α-BHC (319-84-6)			X												
3P. β-BHC (319-85-7)			X												
4P. γ-BHC (58-89-9)			X												
5P. δ-BHC (319-86-8)			X												
6P. Chlordane (57-74-9)			X												
7P. 4,4'-DDT (50-29-3)			X												
8P. 4,4'-DDE (72-55-9)			X												
9P. 4,4'-DDD (72-54-8)			X												
10P. Dieldrin (60-57-1)			X												
11P. α-Endosulfan (115-29-7)			X												
12P. β-Endosulfan (115-29-7)			X												
13P. Endosulfan Sulfate (1031-07-8)			X												
14P. Endrin (72-20-8)			X												
15P. Endrin Aldehyde (7421-93-4)			X												
16P. Heptachlor (76-44-8)			X												

CONTINUE ON PAGE

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EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
MD 986980183	001b

Form Approved
OMB No. 2040-0086
Approval expires 7-31-88

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. TESTED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (if available) (2) MASS	c. LONG TERM AVG. VALUE (if available) (1) CONCENTRATION	c. LONG TERM AVG. VALUE (if available) (2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	4. UNITS b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	a. LONG TERM AVERAGE VALUE (2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – PESTICIDES (continued)															
17P. Heptachlor Epoxide (1024-57-3)			X												
18P. PCB-1242 (53469-21-9)			X												
19P. PCB-1254 (11097-69-1)			X												
20P. PCB-1221 (11104-28-2)			X												
x1P. PCB-1232 (11141-16-5)			X												
22P. PCB-1248 (12672-29-6)			X												
23P. PCB-1260 (11096-82-5)			X												
24P. PCB-1016 (12674-11-2)			X												
25P. Toxaphene (8001-35-2)			X												

Shoreham

PLEASE PRINT OR TYPE IN THE UNSHADED AREAS ONLY. You may report some or all of this information on separate sheets (use the same format) instead of completing these pages. SEE INSTRUCTIONS.

EPA I.D. NUMBER (copy from Item 1 of Form 1): NYD986980183

Form Approved OMB No. 2040-0086 Approval expires 7-31-88

V. INTAKE AND EFFLUENT CHARACTERISTICS (continued from page 3 of Form 2-C)

OUTFALL NO. 002

PART A - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

1. POLLUTANT	2. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	2. EFFLUENT a. MAXIMUM DAILY VALUE (2) MASS	2. EFFLUENT b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	2. EFFLUENT b. MAXIMUM 30 DAY VALUE (if available) (2) MASS	2. EFFLUENT c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	2. EFFLUENT c. LONG TERM AVRG. VALUE (if available) (2) MASS	2. EFFLUENT d. NO. OF ANALYSES	3. UNITS (specify if blank) a. CONCENTRATION	3. UNITS (specify if blank) b. MASS	4. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	4. INTAKE (optional) a. LONG TERM AVERAGE VALUE (2) MASS	4. INTAKE (optional) b. NO. OF ANALYSES
a. Biochemical Oxygen Demand (BOD)	Exempt											
b. Chemical Oxygen Demand (COD)	Exempt											
c. Total Organic Carbon (TOC)	3.8						1	mg/l				
d. Total Suspended Solids (TSS)	51						1	mg/l				
e. Ammonia (as N)	.23						1	mg/l				
f. Flow	VALUE Exempt		VALUE		VALUE					VALUE		
g. Temperature (winter)	VALUE Exempt		VALUE		VALUE			°C		VALUE		
h. Temperature (summer)	VALUE Exempt		VALUE		VALUE			°C		VALUE		
i. pH	MINIMUM 7.15	MAXIMUM 7.15	MINIMUM	MAXIMUM			1	STANDARD UNITS				

PART B - Mark "X" in column 2-a for each pollutant you know or have reason to believe is present. Mark "X" in column 2-b for each pollutant you believe to be absent. If you mark column 2a for any pollutant which is limited either directly or indirectly but expressly, in an effluent limitations guideline, you must provide the results of at least one analysis for that pollutant. For other pollutants for which you mark column 2a, you must provide quantitative data or an explanation of their presence in your discharge. Complete one table for each outfall. See the instructions for additional details and requirements.

1. POLLUTANT AND CAS NO. (if available)	2. MARK "X" a. BELIEVED PRESENT	2. MARK "X" b. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	3. EFFLUENT a. MAXIMUM DAILY VALUE (2) MASS	3. EFFLUENT b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	3. EFFLUENT b. MAXIMUM 30 DAY VALUE (if available) (2) MASS	3. EFFLUENT c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	3. EFFLUENT c. LONG TERM AVRG. VALUE (if available) (2) MASS	3. EFFLUENT d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	4. UNITS b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (2) MASS	5. INTAKE (optional) b. NO. OF ANALYSES
a. Bromide (24959-67-9)		X												
b. Chlorine, Total Residual	X		*											
c. Color	X		15						1	C.U.				
d. Fecal Coliform		X												
e. Fluoride (16984-48-8)		X												
f. Nitrate-Nitrite (as N)	X		LT .5						1	mg/l				

* Not analyzed - chlorination was secured for the winter on November 29, 1991.

ITEM V-B CONTINUED FROM FRONT

1. POLLUTANT AND CAS NO. (If available)	2. MARK "X" a. Believed Present	2. MARK "X" b. Believed Absent	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) Concentration	a. MAXIMUM DAILY VALUE (2) Mass	b. MAXIMUM 30 DAY VALUE (If available) (1) Concentration	b. MAXIMUM 30 DAY VALUE (If available) (2) Mass	c. LONG TERM AVRG. VALUE (If available) (1) Concentration	c. LONG TERM AVRG. VALUE (If available) (2) Mass	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	4. UNITS b. MASS	5. INTAKE (optional) a. MAXIMUM DAILY VALUE (1) Concentration	5. INTAKE (optional) a. MAXIMUM DAILY VALUE (2) Mass	5. INTAKE (optional) b. NO. OF ANALYSES
g. Nitrogen, Total Organic (as N)	X		.37							mg/l				
h. Oil and Grease	X		1.4				LT 5.0		11	mg/l				
i. Phosphorus (as P), Total (7723-14-0)		X												
j. Radioactivity														
(1) Alpha, Total		X												
(2) Beta, Total		X												
(3) Radium, Total		X												
(4) Radium 226, Total		X												
k. Sulfate (as SO_4) (14808-79-8)		X												
l. Sulfide (as S)		X												
m. Sulfite (as SO_3) (14265-45-3)		X												
n. Surfactants		X												
o. Aluminum, Total (7429-90-5)		X												
p. Barium, Total (7440-39-3)		X												
q. Boron, Total (7440-42-8)		X												
r. Cobalt, Total (7440-48-4)		X												
s. Iron, Total (7439-89-6)		X												
t. Magnesium, Total (7439-95-4)		X												
u. Molybdenum, Total (7439-98-7)		X												
v. Manganese, Total (7439-96-5)		X												
w. Tin, Total (7440-31-5)		X												
x. Titanium, Total (7440-32-6)		X												

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EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
NYD986980133	002

Form Approved
OMB No. 2040-0086
Approval expires 7-31-88

CONTINUED FROM PAGE 3 OF FORM 2-C

PART C - If you are a primary industry and this outfall contains process wastewater, refer to Table 2c-2 in the instructions to determine which of the GC/MS fractions you must test. Mark "X" in column 2-a for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a (secondary industries, nonprocess wastewater outfalls, and nonrequired GC/MS fractions), mark "X" in column 2-b for each pollutant you know or have reason to believe is present. Mark "X" in column 2-c for each pollutant you believe is absent. If you mark column 2a for any pollutant, you must provide the results of at least one analysis for that pollutant. If you mark column 2b for any pollutant, you must provide the results of at least one analysis for that pollutant if you know or have reason to believe it will be discharged in concentrations of 10 ppb or greater. If you mark column 2b for acrolein, acrylonitrile, 2,4 dinitrophenol, or 2-methyl-4, 6 dinitrophenol, you must provide the results of at least one analysis for each of these pollutants which you know or have reason to believe that you discharge in concentrations of 100 ppb or greater. Otherwise, for pollutants for which you mark column 2b, you must either submit at least one analysis or briefly describe the reasons the pollutant is expected to be discharged. Note that there are 7 pages to this part, please review each carefully. Complete one table (all 7 pages) for each outfall. See instructions for additional details and requirements.

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TEST-ING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)			X												
2M. Arsenic, Total (7440-38-2)			X												
3M. Beryllium, Total, 7440-41-7)			X												
4M. Cadmium, Total (7440-43-9)			X												
5M. Chromium, Total (7440-47-3)			X												
6M. Copper, Total (7440-50-8)			X												
7M. Lead, Total (7439-92-1)			X												
8M. Mercury, Total (7439-97-6)			X												
9M. Nickel, Total (7440-02-0)			X												
10M. Selenium, Total (7782-49-2)			X												
11M. Silver, Total (7440-22-4)			X												
12M. Thallium, Total (7440-28-0)			X												
13M. Zinc, Total (7440-66-6)			X												
14M. Cyanide, Total (57-12-5)			X												
15M. Phenols, Total			X												
DIOXIN															
2,3,7,8-Tetrachlorodibenzo-P-Dioxin (1764-01-6)			X	DESCRIBE RESULTS											

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X" a. TEST-ED FOR DE-TECTION	b. BE-LIEVED PRESENT	c. BE-LIEVED AB-SENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVG. VALUE (if availa ble) (1) CONCENTRATION	(2) MASS	d. NO. OF ANAL-YSES	4. UNITS a. CONCEN-TRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCEN-TRATION	(2) MASS	b. NO. OF ANAL-YSES
GC/MS FRACTION – VOLATILE COMPOUNDS															
1V. Acrolein (107-02-8)			X												
2V. Acrylonitrile (107-13-1)			X												
3V. Benzene (71-43-2)			X												
4V. Bis (Chloromethyl) Ether (542-88-1)			X												
5V. Bromoform (75-25-2)			X												
6V. Carbon Tetrachloride (56-23-5)			X												
7V. Chlorobenzene (108-90-7)			X												
8V. Chlorodibromomethane (124-48-1)			X												
9V. Chloroethane (75-00-3)			X												
10V. 2-Chloroethylvinyl Ether (110-75-8)			X												
11V. Chloroform (67-66-3)			X												
12V. Dichlorobromomethane (75-27-4)			X												
13V. Dichlorodifluoromethane (75-71-8)			X												
14V. 1,1-Dichloroethane (75-34-3)			X												
15V. 1,2-Dichloroethane (107-06-2)			X												
16V. 1,1-Dichloroethylene (75-35-4)			X												
17V. 1,2-Dichloropropane (78-87-5)			X												
18V 1,3-Dichloropropylene (542-75-6)			X												
19V. Ethylbenzene (100-41-4)			X												
20V. Methyl Bromide (74-83-9)			X												
21V. Methyl Chloride (74-87-3)			X												

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EPA I.D. NUMBER (copy from Item 1 of Form 1): NVD986980133

OUTFALL NUMBER: 002

Form Approved. OMB No. 2040-0086. Approval expires 7-31-88

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X" a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	a. (2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	b. (2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	c. (2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	a. (2) MASS	b. NO. OF ANALYSES
C/MS FRACTION – VOLATILE COMPOUNDS (continued)															
V. Methylene hloride (75-09-2)			X												
V. 1,1,2,2-Tetra-loroethane 9-34-5)			X												
V. Tetrachloro-hylene (127-18-4)			X												
V. Toluene 08-88-3)			X												
V. 1,2-Trans-ichloroethylene 56-60-5)			X												
V. 1,1,1-Tri-loroethane 1-55-6)			X												
V. 1,1,2-Tri-loroethane 9-00-5)			X												
V. Trichloro hylene (79-01-6)			X												
V. Trichloro-oromethane 3-69-4)			X												
V. Vinyl loride (75-01-4)			X												
C/MS FRACTION – ACID COMPOUNDS															
A. 2-Chlorophenol 5-57-8)			X												
A. 2,4-Dichloro-enol (120-83-2)			X												
A. 2,4-Dimethyl-enol (105-67-9)			X												
A. 4,6-Dinitro-O-esol (534-52-1)			X												
A. 2,4-Dinitro-enol (51-28-5)			X												
A. 2-Nitrophenol 1-75-5)			X												
A. 4-Nitrophenol 00-02-7)			X												
A. P-Chloro-M-resol (59-50-7)			X												
A. Pentachloro-enol (87-86-5)			X												
A. Phenol 08-95-2)			X												
A. 2,4,6-Tri-loropl enol			X												

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (If available)	2. MARK 'X' a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION — BASE/NEUTRAL COMPOUNDS															
18. Acenaphthene (83-32-9)			X												
28. Acenaphtylene (208-96-8)			X												
38. Anthracene (120-12-7)			X												
48. Benzidine (92-87-5)			X												
58. Benzo (a) Anthracene (56-55-3)			X												
68. Benzo (a) Pyrene (50-32-8)			X												
78. 3,4-Benzo-fluoranthene (205-99-2)			X												
88. Benzo (ghi) Perylene (191-24-2)			X												
98. Benzo (k) Fluoranthene (207-08-9)			X												
108. Bis (2-Chloro-ethoxy) Methane (111-91-1)			X												
118. Bis (2-Chloro-ethyl) Ether (111-44-4)			X												
128. Bis (2-Chloroiso-propyl) Ether (102-80-1)			X												
138. Bis (2-Ethyl-hexyl) Phthalate (117-81-7)			X												
148. 4-Bromo-phenyl Phenyl Ether (101-55-3)			X												
158. Butyl Benzyl Phthalate (85-68-7)			X												
168. 2-Chloro-naphthalene (91-58-7)			X												
178. 4-Chloro-phenyl Phenyl Ether (7005-72-3)			X												
188. Chrysene (218-01-9)			X												
198. Dibenzo (a,h) Anthracene (53-70-3)			X												
208. 1,2-Dichloro-benzene (95-50-1)			X												
218. 1,3-Dichloro-benzene (541-73-1)			X												

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EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
NYD986980153	002

Form Approved
OMB No. 2040-0086
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1. POLLUTANT AND CAS NUMBER (If available)	2. MARK 'X' a. TEST-ED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (If available) (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (If available) (2) MASS	c. LONG TERM AVRG. VALUE (If available) (1) CONCENTRATION	c. LONG TERM AVRG. VALUE (If available) (2) MASS	d. NO OF ANALYSES	4. UNITS a. CONCENTRATION	4. UNITS b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (2) MASS	5. INTAKE (optional) b. NO. OF ANALYSES
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (continued)															
228. 1,4-Dichlorobenzene (106-46-7)			X												
238. 3,3'-Dichlorobenzidine (91-94-1)			X												
248. Diethyl Phthalate (84-66-2)			X												
258. Dimethyl Phthalate (131-11-3)			X												
268. Di-N-Butyl Phthalate (84-74-2)			X												
278. 2,4-Dinitrotoluene (121-14-2)			X												
288. 2,6-Dinitrotoluene (606-20-2)			X												
298. Di-N-Octyl Phthalate (117-84-0)			X												
308. 1,2-Diphenylhydrazine (as Azobenzene) (122-66-7)			X												
318. Fluoranthene (206-44-0)			X												
328. Fluorene (86-73-7)			X												
338. Hexachlorobenzene (118-74-1)			X												
348. Hexachlorobutadiene (87-68-3)			X												
358. Hexachlorocyclopentadiene (77-47-4)			X												
368. Hexachloroethane (67-72-1)			X												
378. Indeno (1,2,3-cd) Pyrene (193-39-5)			X												
388. Isophorone (78-59-1)			X												
398. Naphthalene (91-20-3)			X												
408. Nitrobenzene (98-95-3)			X												
418. N-Nitrosodimethylamine (62-75-9)			X												
428. N-Nitrosodi-N-Propylamine (621-64-7)			X												

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (If available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (continued)															
43B. N-Nitrosodiphenylamine (86-30-6)			X												
44B. Phenanthrene (85-01-8)			X												
45B. Pyrene (129-00-0)			X												
46B. 1,2,4-Trichlorobenzene (120-82-1)			X												
GC/MS FRACTION – PESTICIDES															
1P. Aldrin (309-00-2)			X												
2P. α-BHC (319-84-6)			X												
3P. β-BHC (319-85-7)			X												
4P. γ-BHC (58-89-9)			X												
5P. δ-BHC (319-86-8)			X												
6P. Chlordane (57-74-9)			X												
7P. 4,4'-DDT (50-29-3)			X												
8P. 4,4'-DDE (72-55-9)			X												
9P. 4,4'-DDD (72-54-8)			X												
10P. Dieldrin (60-57-1)			X												
11P. α-Endosulfan (115-29-7)			X												
12P. β-Endosulfan (115-29-7)			X												
13P. Endosulfan Sulfate (1031-07-8)			X												
14P. Endrin (72-20-8)			X												
15P. Endrin Aldehyde (7421-93-4)			X												
16P. Heptachlor (76-44-8)			X												

CONTINUED FROM PAGE V-8

EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
ND986950133	002

Form Approved
OMB No. 2040-0086
Approval expires 7-31-88

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X" a. TESTING REQUIRED BY PERMIT	b. TESTING REQUIRED BY PERMIT	c. TESTING REQUIRED BY EPA	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – PESTICIDES (continued)															
17P. Heptachlor Epoxide (1024-57-3)			X												
18P. PCB-1242 (53469-21-9)			X												
19P. PCB-1254 (11097-69-1)			X												
20P. PCB-1221 (11104-28-2)			X												
21P. PCB-1232 (11141-16-5)			X												
22P. PCB-1248 (12672-29-6)			X												
23P. PCB-1260 (11096-82-5)			X												
24P. PCB-1016 (12674-11-2)			X												
25P. Toxaphene (8001-35-2)			X												

Shoreham

PLEASE PRINT OR TYPE IN THE UNSHADED AREAS ONLY. You may report some or all of this information on separate sheets (use the same format) instead of completing these pages. SEE INSTRUCTIONS.

EPA I.D. NUMBER (copy from Item 1 of Form 1): NYD986780483

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V. INTAKE AND EFFLUENT CHARACTERISTICS *(continued from page 3 of Form 2-C)*

OUTFALL NO: 003

PART A - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

1. POLLUTANT	2. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	2. EFFLUENT a. MAXIMUM DAILY VALUE (2) MASS	2. EFFLUENT b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	2. EFFLUENT b. MAXIMUM 30 DAY VALUE (if available) (2) MASS	2. EFFLUENT c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	2. EFFLUENT c. LONG TERM AVRG. VALUE (if available) (2) MASS	2. EFFLUENT d. NO. OF ANALYSES	3. UNITS (specify if blank) a. CONCENTRATION	3. UNITS (specify if blank) b. MASS	4. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	4. INTAKE (optional) a. LONG TERM AVERAGE VALUE (2) MASS	4. INTAKE (optional) b. NO. OF ANALYSES
a. Biochemical Oxygen Demand (BOD)	5.0	.6					1	mg/l	lbs/day			
b. Chemical Oxygen Demand (COD)	680	81.6					1	mg/l	lbs/day			
c. Total Organic Carbon (TOC)	6	.7					1	mg/l	lbs/day			
d. Total Suspended Solids (TSS)	51	6.1			12.7	.1	25	mg/l	lbs/day			
e. Ammonia (as N)	.7	.02					1	mg/l	lbs/day			
f. Flow	VALUE 14400		VALUE		VALUE 972		24	GPD		VALUE		
g. Temperature (winter)	VALUE 10.7		VALUE		VALUE		1	°C		VALUE		
h. Temperature (summer)	VALUE NA		VALUE		VALUE		1	°C		VALUE		
i. pH	MINIMUM 6.95	MAXIMUM 6.95	MINIMUM	MAXIMUM			1	STANDARD UNITS				

PART B Mark "X" in column 2-a for each pollutant you know or have reason to believe is present. Mark "X" in column 2-b for each pollutant you believe to be absent. If you mark column 2a for any pollutant which is limited either directly or indirectly but expressly, in an effluent limitations guideline, you must provide the results of at least one analysis for that pollutant. For other pollutants for which you mark column 2a, you must provide quantitative data or an explanation of their presence in your discharge. Complete one table for each outfall. See the instructions for additional details and requirements.

1. POLLUTANT AND CAS NO. (if available)	2. MARK "X" a. BELIEVED PRESENT	2. MARK "X" b. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	3. EFFLUENT a. MAXIMUM DAILY VALUE (2) MASS	3. EFFLUENT b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	3. EFFLUENT b. MAXIMUM 30 DAY VALUE (if available) (2) MASS	3. EFFLUENT c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	3. EFFLUENT c. LONG TERM AVRG. VALUE (if available) (2) MASS	3. EFFLUENT d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	4. UNITS b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (2) MASS	5. INTAKE (optional) b. NO. OF ANALYSES
a. Bromide (24959-67-9)		X												
b. Chlorine, Total Residual		X												
c. Color	X		15						1	cu				
d. Fecal Coliform		X												
e. Fluoride (16984-48-8)		X												
f. Nitrate-Nitrite (as N)	X		LT .5						1	mg/l				

ITEM V-B CONTINUED FROM FRONT

1. POLLUTANT AND CAS NO. (If available)	2. MARK 'X' a. Believed Present	2. MARK 'X' b. Believed Absent	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) Concentration	3. EFFLUENT a. MAXIMUM DAILY VALUE (2) Mass	3. EFFLUENT b. MAXIMUM 30 DAY VALUE (If available) (1) Concentration	3. EFFLUENT b. MAXIMUM 30 DAY VALUE (If available) (2) Mass	3. EFFLUENT c. LONG TERM AVRG. VALUE (If available) (1) Concentration	3. EFFLUENT c. LONG TERM AVRG. VALUE (If available) (2) Mass	3. EFFLUENT d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	4. UNITS b. MASS	5. INTAKE (optional) a. LONG TERM AVRG. VALUE (1) Concentration	5. INTAKE (optional) a. LONG TERM AVRG. VALUE (2) Mass	5. INTAKE (optional) b. NO. OF ANALYSES
g. Nitrogen, Total Organic (as N)	X		.83	.1					1	mg/l	lbs/day			
h. Oil and Grease	X		2.3	.3			5.57	.05	24	mg/l	lbs/day			
i. Phosphorus (as P), Total (7723-14-0)	X		.38	.05					1	mg/l	lbs/day			
j. Radioactivity														
(1) Alpha, Total		X												
(2) Beta, Total		X												
(3) Radium, Total		X												
(4) Radium 226, Total		X												
k. Sulfate (as SO_4) (14808-79-8)	X		340	40.8					1	mg/l	lbs/day			
l. Sulfide (as S)	X		LT .1						1	mg/l				
m. Sulfite (as SO_3) (14265-45-3)	X		LT .4						1	mg/l				
n. Surfactants		X												
o. Aluminum, Total (7429-90-5)		X												
p. Barium, Total (7440-39-3)		X												
q. Boron, Total (7440-42-8)		X												
r. Cobalt, Total (7440-48-4)		X												
s. Iron, Total (7439-89-6)	X		6.3	.8			1.30	.01	24	mg/l	lbs/day			
t. Magnesium, Total (7439-95-4)	X		210	25.2					1	mg/l	lbs/day			
u. Molybdenum, Total (7439-98-7)		X												
v. Manganese, Total (7439-96-5)	X		.1	.01					1	mg/l	lbs/day			
w. Tin, Total (7440-31-5)		X												
x. Titanium, Total (7440-32-6)		X												

CONTINUE ON PAGE V-3

EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
MYD986780183	003

Form Approved
OMB No. 2040-0086
Approval expires 7-31-88

CONTINUED FROM PAGE 3 OF FORM 2-C

PART C - If you are a primary industry and this outfall contains process wastewater, refer to Table 2c-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark "X" in column 2-a for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a (*secondary industries, nonprocess wastewater outfalls, and nonrequired GC/MS fractions*), mark "X" in column 2-b for each pollutant you know or have reason to believe is present. Mark "X" in column 2-c for each pollutant you believe is absent. If you mark column 2a for any pollutant, you must provide the results of at least one analysis for that pollutant. If you mark column 2b for any pollutant, you must provide the results of at least one analysis for that pollutant if you know or have reason to believe it will be discharged in concentrations of 10 ppb or greater. If you mark column 2b for acrolein, acrylonitrile, 2,4 dinitrophenol, or 2-methyl-4, 6 dinitrophenol, you must provide the results of at least one analysis for each of these pollutants which you know or have reason to believe that you discharge in concentrations of 100 ppb or greater. Otherwise, for pollutants for which you mark column 2b, you must either submit at least one analysis or briefly describe the reasons the pollutant is expected to be discharged. Note that there are 7 pages to this part; please review each carefully. Complete one table (*all 7 pages*) for each outfall. See instructions for additional details and requirements.

1. POLLUTANT AND CAS NUMBER (If available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)	X			LT .005						1	mg/l				
2M. Arsenic, Total (7440-38-2)	X			LT .005						1	mg/l				
3M. Beryllium, Total, 7440-41-7)	X			LT .001						1	mg/l				
4M. Cadmium, Total (7440-43-9)	X			LT .001						1	mg/l				
5M. Chromium, Total (7440-47-3)	X			.02	2E-3					1	mg/l	lbs/day			
6M. Copper, Total (7440-50-8)	X			.06	7E-3					1	mg/l	lbs/day			
7M. Lead, Total (7439-92-1)	X			.013	2E-3					1	mg/l	lbs/day			
8M. Mercury, Total (7439-97-6)	X			LT.00025						1	mg/l				
9M. Nickel, Total (7440-02-0)	X			LT .1						1	mg/l				
10M. Selenium, Total (7782-49-2)	X			LT .005						1	mg/l				
11M. Silver, Total (7440-22-4)	X			LT .02						1	mg/l				
12M. Thallium, Total (7440-28-0)	X			LT .005						1	mg/l				
13M. Zinc, Total (7440-66-6)	X			.38	.05					1	mg/l	lbs/day			
14M. Cyanide, Total (57-12-5)	X			LT .02						1	mg/l				
15M. Phenols, Total	X			.009	1E-3					1	mg/l	lbs/day			
DIOXIN															
2,3,7,8-Tetrachlorodibenzo-P-Dioxin (1764-01-6)			X	DESCRIBE RESULTS											

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – VOLATILE COMPOUNDS															
1V. Acrolein (107-02-8)	X			LT 25						1	ug/l				
2V. Acrylonitrile (107-13-1)	X			LT 25						1	ug/l				
3V. Benzene (71-43-2)	X			LT 1						1	ug/l				
4V. Bis (Chloromethyl) Ether (542-88-1)	X			LT 1						1	ug/l				
5V. Bromoform (75-25-2)	X			LT 1						1	ug/l				
6V. Carbon Tetrachloride (56-23-5)	X			LT 1						1	ug/l				
7V. Chlorobenzene (108-90-7)	X			LT 1						1	ug/l				
8V. Chlorodibromomethane (124-48-1)	X			LT 1						1	ug/l				
9V. Chloroethane (75-00-3)	X			LT 1						1	ug/l				
10V. 2-Chloroethylvinyl Ether (110-75-8)	X			LT 1						1	ug/l				
11V. Chloroform (67-66-3)	X			LT 1						1	ug/l				
12V. Dichlorobromomethane (75-27-4)	X			LT 1						1	ug/l				
13V. Dichlorodifluoromethane (75-71-8)	X			LT 1						1	ug/l				
14V. 1,1-Dichloroethane (75-34-3)	X			LT 1						1	ug/l				
15V. 1,2-Dichloroethane (107-06-2)	X			LT 1						1	ug/l				
16V. 1,1-Dichloroethylene (75-35-4)	X			LT 1						1	ug/l				
17V. 1,2-Dichloropropane (78-87-5)	X			LT 1						1	ug/l				
18V 1,3-Dichloropropylene (542-75-6)	X			LT 1						1	ug/l				
19V. Ethylbenzene (100-41-4)	X			LT 1						1	ug/l				
20V. Methyl Bromide (74-83-9)	X			LT 1						1	ug/l				
21V. Methyl Chloride (74-87-3)	X			LT 1						1	ug/l				

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EPA I.D. Number (copy from Item 1 of Form 1): NYD986980183

OUTFALL NUMBER: 003

Form Approved. OMB No. 2040-0086. Approval expires 7-31-88

POLLUTANT AND CAS NUMBER (if available)	2. MARK "X" a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
CMS FRACTION – VOLATILE COMPOUNDS (continued)															
V. Methylene loride (75-09-2)	X			LT 1						1	ug/l				
V. 1,1,2,2-Tetra-loroethane 1-34-5)	X			LT 1						1	ug/l				
V. Tetrachloro-ylene (127-18-4)	X			LT 1						1	ug/l				
V. Toluene 5-88-3)	X			LT 1						1	ug/l				
V. 1,2-Trans-hloroethylene 5-60-5)	X			LT 1						1	ug/l				
V. 1,1,1-Tri-oroethane 5-55-6)	X			LT 1						1	ug/l				
V. 1,1,2-Tri-oroethane 1-00-5)	X			LT 1						1	ug/l				
V. Trichloro-ylene (79-01-6)	X			LT 1						1	ug/l				
V. Trichloro-oromethane 5-69-4)	X			LT 1						1	ug/l				
V. Vinyl oride (75-01-4)	X			LT 1						1	ug/l				
MS FRACTION – ACID COMPOUNDS															
2-Chlorophenol 5-57-8)	X			LT 1						1	ug/l				
2,4-Dichloro-nol (120-83-2)	X			LT 1						1	ug/l				
2,4-Dimethyl-nol (105-67-9)	X			LT 1						1	ug/l				
4,6-Dinitro-O-ol (534-52-1)	X			LT 5						1	ug/l				
2,4-Dinitro-nol (51-28-5)	X			LT 10						1	ug/l				
2-Nitrophanol 75-5)	X			LT 1						1	ug/l				
4-Nitrophanol 3-02-7)	X			LT 1						1	ug/l				
P-Chloro-M-ol (59-50-7)	X			LT 1						1	ug/l				
Pentachloro-nol (87-86-5)	X			LT 100						1	ug/l				
. Phenol 3-95-2)	X			LT 1						1	ug/l				
. 2,4,6-Tri-rophenol 0-06-2)	X			LT 1						1	ug/l				

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (If available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS															
18. Acenaphthene (83-32-9)	X			LT 1						1	ug/l				
28. Acenaphtylene (208-96-8)	X			LT 1						1	ug/l				
38. Anthracene (120-12-7)	X			LT 1						1	ug/l				
48. Benzidine (92-87-5)	X			LT 50						1	ug/l				
58. Benzo (a) Anthracene (56-55-3)	X			LT 1						1	ug/l				
68. Benzo (a) Pyrene (50-32-8)	X			LT 1						1	ug/l				
78. 3,4-Benzo-fluoranthene (205-99-2)	X			LT 1						1	ug/l				
88. Benzo (ghi) Perylene (191-24-2)	X			LT 1						1	ug/l				
98. Benzo (k) Fluoranthene (207-08-9)	X			LT 1						1	ug/l				
108. Bis (2-Chloro-ethoxy) Methane (111-91-1)	X			LT 1						1	ug/l				
118. Bis (2-Chloro-ethyl) Ether (111-44-4)	X			LT 1						1	ug/l				
128. Bis (2-Chloroiso-propyl) Ether (102-80-1)	X			LT 1						1	ug/l				
138. Bis (2-Ethyl-hexyl) Phthalate (117-81-7)	X			3	3.6E-4					1	ug/l	lbs/day			
148. 4-Bromo-phenyl Phenyl Ether (101-55-3)	X			LT 1						1	ug/l				
158. Butyl Benzyl Phthalate (85-68-7)	X			LT 1						1	ug/l				
168. 2-Chloro-naphthalene (91-58-7)	X			LT 1						1	ug/l				
178. 4-Chloro-phenyl Phenyl Ether (7005-72-3)	X			LT 1						1	ug/l				
188. Chrysene (218-01-9)	X			LT 1						1	ug/l				
198. Dibenzo (a,h) Anthracene (53-70-3)	X			LT 1						1	ug/l				
208. 1,2-Dichloro-benzene (95-50-1)	X			LT 1						1	ug/l				
218. 1,3-Dichloro-benzene (541-73-1)	X			LT 1						1	ug/l				

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EPA I.D. NUMBER (copy from Item 1 of Form 1): NYD986930183

OUTFALL NUMBER: 003

Form Approved
OMB No. 2040-0086
Approval expires 7-31-88

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X" a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (if available) (2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	c. LONG TERM AVRG. VALUE (if available) (2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	4. UNITS b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (2) MASS	5. INTAKE (optional) b. NO. OF ANALYSES
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (continued)															
228. 1,4-Dichlorobenzene (106-46-7)	X			LT 1						1	ug/l				
238. 3,3'-Dichlorobenzidine (91-94-1)	X			LT 50						1	ug/l				
248. Diethyl Phthalate (84-66-2)	X			LT 1						1	ug/l				
258. Dimethyl Phthalate (131-11-3)	X			LT 1						1	ug/l				
268. Di-N-Butyl Phthalate (84-74-2)	X			2	2.4E-4					1	ug/l	lbs/day			
278. 2,4-Dinitrotoluene (121-14-2)	X			LT 1						1	ug/l				
288. 2,6-Dinitrotoluene (606-20-2)	X			LT 1						1	ug/l				
298. Di-N-Octyl Phthalate (117-84-0)	X			LT 1						1	ug/l				
08. 1,2-Diphenylhydrazine (as Azobenzene) (122-66-7)	X			LT 1						1	ug/l				
318. Fluoranthene (206-44-0)	X			LT 1						1	ug/l				
328. Fluorene (86-73-7)	X			LT 1						1	ug/l				
38 Hexachlorobenzene (18-74-1)	X			LT 1						1	ug/l				
348. Hexachlorobutadiene (87-68-3)	X			LT 1						1	ug/l				
358. Hexachlorocyclopentadiene (77-47-4)	X			LT 1						1	ug/l				
368. Hexachloroethane (67-72-1)	X			LT 100						1	ug/l				
378. Indeno (1,2,3-cd) Pyrene (193-39-5)	X			LT 1						1	ug/l				
388. Isophorone (78-59-1)	X			LT 1						1	ug/l				
398. Naphthalene (91-20-3)	X			LT 1						1	ug/l				
408. Nitrobenzene (98-95-3)	X			LT 1						1	ug/l				
418. N-Nitrosodimethylamine (62-75-9)	X			LT 1						1	ug/l				
428. N-Nitrosodi-n-Propylamine (621-64-7)	X			LT 1						1	ug/l				

CONTINUE ON REVERSE

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (If available)	2. MARK 'X' a. TEST INCLUDED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (+) CONCENTRATION	(+) MASS	b. MAXIMUM 30 DAY VALUE (if available) (+) CONCENTRATION	(+) MASS	c. LONG TERM AVRG. VALUE (if available) (+) CONCENTRATION	(+) MASS	d. NO OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (+) CONCENTRATION	(+) MASS	b. NO OF ANALYSES
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (continued)															
43B. N-Nitrosodiphenylamine (86-30-6)	X			LT 1						1	ug/l				
44B. Phenanthrene (85-01-8)	X			LT 1						1	ug/l				
45B. Pyrene (129-00-0)	X			LT 1						1	ug/l				
46B. 1,2,4 - Trichlorobenzene (120-82-1)	X			LT 1						1	ug/l				
GC/MS FRACTION – PESTICIDES															
1P. Aldrin (309-00-2)			X												
2P. α-BHC (319-84-6)			X												
3P. β-BHC (319-85-7)			X												
4P. γ-BHC (58-89-9)			X												
5P. δ-BHC (319-86-8)			X												
6P. Chlordane (57-74-9)			X												
7P. 4,4'-DDT (50-29-3)			X												
8P. 4,4'-DDE (72-55-9)			X												
9P. 4,4'-DDD (72-54-8)			X												
10P. Dieldrin (60-57-1)			X												
11P. α-Endosulfan (115-29-7)			X												
12P. β-Endosulfan (115-29-7)			X												
13P. Endosulfan Sulfate (1031-07-8)			X												
14P. Endrin (72-20-8)			X												
15P. Endrin Aldehyde (7421-93-4)			X												
16P. Heptachlor (76-44-8)			X												

CONTINUED FROM PAGE V-8

EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
NYD986980183	003

Form Approved
OMB No. 2040-0086
Approval expires 7-31-88

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – PESTICIDES *(continued)*															
17P. Heptachlor Epoxide (1024-57-3)			X												
18P. PCB-1242 (53469-21-9)			X												
19P. PCB-1254 (11097-69-1)			X												
20P. PCB-1221 (11104-28-2)			X												
21P. PCB-1232 (11141-16-5)			X												
22P. PCB-1248 (12672-29-6)			X												
23P. PCB-1260 (11096-82-5)			X												
24P. PCB-1016 (12674-11-2)			X												
25P. Toxaphene (8001-35-2)			X												

U.S. GOVERNMENT PRINTING OFFICE : 1986 O - 491-191 (46116)

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-1777 • FAX (516) 422-5770

LAB NO. C914444/1 01/17/92

Long Island Lighting Co.
445 Broad Hollow Road
Melville, NY 11747
ATTN: Cathy Waxman, EnvEng PO# 399736

SOURCE OF SAMPLE: Shoreham Nuclear Power Station, QAQC
COLLECTED BY: Client DATE COL'D:12/11/91 RECEIVED:12/12/91

SAMPLE: Water sample, Outfall #001, composite

ANALYTICAL PARAMETERS		
Antimony as Sb	mg/L	<0.005
Arsenic as As	mg/L	<0.005
Beryllium as Be	mg/L	<0.005
Cadmium as Cd	mg/L	<0.005
Chromium as Cr	mg/L	0.05
Copper as Cu	mg/L	0.10
Lead as Pb	mg/L	<0.005
Mercury as Hg	mg/L	<0.00025
Nickel as Ni	mg/L	0.15
Selenium as Se	mg/L	<0.005
Silver as Ag	mg/L	<0.001
Thallium as Tl	mg/L	<0.005
Zinc as Zn	mg/L	0.03
Tot Organic Carbon	mg/L	3
Tot Suspended Solids	mg/L	44
Ammonia as N	mg/L	0.18
Bromide as Br	mg/L	66
Color units	mg/L	<5
Organic Nitrogen asN	mg/L	0.42
Tot. Kjeldahl N.	mg/L	0.6
Nitrate as N	mg/L*	<0.5
Phosphorous as P	mg/L	0.080
Sulfate as SO4	mg/L	2100
Aluminum as Al	mg/L	<1.0
Barium as Ba	mg/L	<0.25

ANALYTICAL PARAMETERS		
Boron as B	mg/L	4.5
Cobalt as Co	mg/L	<0.20
Iron as Fe	mg/L	0.27
Magnesium as Mg	mg/L	1000
Molybdenum as Mo	mg/L	<0.25
Manganese as Mn	mg/L	0.06
Tin as Sn	mg/L	<0.10
Titanium as Ti	mg/L	<0.50

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JAN 2 1 1992
ENVIRONMENTAL ENGINEERING

cc:

REMARKS: * Nitrate result also includes nitrite.
**Bromide analysis performed by Princeton Testing Labs., Princeton N.J., for Ecotest Labs., Inc.

DIRECTOR

rn: 20840 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. C914444/1 01/17/92

Long Island Lighting Co.
445 Broad Hollow Road
Melville, NY 11747
ATTN: Cathy Waxman, EnvEng PO# 399736

SOURCE OF SAMPLE: Shoreham Nuclear Power Station, QAQC
COLLECTED BY: Client DATE COL'D:12/11/91 RECEIVED:12/12/91

SAMPLE: Water sample, Outfall #001, composite

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Bromomethane	ug/L	<1
Chloroethane	ug/L	<1
Trichlorofluomethane	ug/L	<1
11 Dichloroethene	ug/L	<1
Methylene Chloride	ug/L	<1
t-1,2-Dichloroethene	ug/L	<1
11 Dichloroethane	ug/L	<1
Chloroform	ug/L	<1
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Benzene	ug/L	<1
12 Dichloroethane	ug/L	<1
Trichloroethene	ug/L	<1
12 Dichloropropane	ug/L	<1
Bromodichloromethane	ug/L	<1
2chloroethvinylether	ug/L	<1
t 13 Dichloropropene	ug/L	<1
Toluene	ug/L	<1
c 13 Dichloropropene	ug/L	<1
112 Trichloroethane	ug/L	<1
Tetrachloroethene	ug/L	<1
Chlorodibromomethane	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
m + p Xylene	ug/L	<2
o Xylene	ug/L	<1
Bromoform	ug/L	<1
1122Tetrachloroethan	ug/L	<1
m Dichlorpbenzene	ug/L	<1
p Dichlorobenzene	ug/L	<1
o Dichlorobenzene	ug/L	1
Dichlordifluomethane	ug/L*	<1
BisChloromethylEther	ug/L	<1
acrolein	ug/L	<25
acrylonitrile	ug/L	<25

cc:

REMARKS: Analysis performed by EPA method 624.
*Dichlordifluomethane = Dichlorodifluoromethane

DIRECTOR _____

in= 20841 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. C914444/1 01/17/92

Long Island Lighting Co.
445 Broad Hollow Road
Melville, NY 11747
ATTN: Cathy Waxman, EnvEng PO# 399736

SOURCE OF SAMPLE: Shoreham Nuclear Power Station, QAQC
COLLECTED BY: Client DATE COL'D:12/11/91 RECEIVED:12/12/91

SAMPLE: Water sample, Outfall #001, composite
UNITS: ug/L

ANALYTICAL PARAMETERS		ANALYTICAL PARAMETERS
Phenol	<1	
2-Chlorophenol	<1	
2-Nitrophenol	<1	
2,4-Dimethylphenol	<1	
2,4-Dichlorophenol	<1	
4-Chloro-3-methylphenol	<1	
2,4,6-Trichlorophenol	<1	
4-Nitrophenol	<1	
2,4-Dinitrophenol	<10	
2-Methyl-4,6-dinitrophenol	<5	
Pentachlorophenol	<100	

cc:

REMARKS:

DIRECTOR

tn= 20842 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. C914444/2 01/17/92

Long Island Lighting Co.
445 Broad Hollow Road
Melville, NY 11747
ATTN: Cathy Waxman, EnvEng PO# 399736

SOURCE OF SAMPLE: Shoreham Nuclear Power Station, QAQC
COLLECTED BY: Client DATE COL'D:12/11/91 RECEIVED:12/12/91

SAMPLE: Water sample, Outfall #001, grab

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS
Phenols as Phenol	mg/L	<0.001	
Oil and Grease	mg/L	<0.4	
Cyanide as CN	mg/L	<0.02	

cc:

REMARKS:

DIRECTOR

rn= 20843 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. C914444/3 01/17/92

Long Island Lighting Co.
445 Broad Hollow Road
Melville, NY 11747
ATTN: Cathy Waxman, EnvEng PO# 399736

SOURCE OF SAMPLE: Shoreham Nuclear Power Station, QAQC
COLLECTED BY: Client DATE COL'D:12/11/91 RECEIVED:12/12/91

SAMPLE: Water sample, Outfall #001-Inlet, comp.

ANALYTICAL PARAMETERS		
Antimony as Sb	mg/L	<0.005
Arsenic as As	mg/L	<0.005
Beryllium as Be	mg/L	<0.005
Cadmium as Cd	mg/L	<0.005
Chromium as Cr	mg/L	0.06
Copper as Cu	mg/L	0.23
Lead as Pb	mg/L	<0.005
Mercury as Hg	mg/L	<0.00025
Nickel as Ni	mg/L	0.15
Selenium as Se	mg/L	<0.005
Silver as Ag	mg/L	<0.001
Thallium as Tl	mg/L	<0.005
Zinc as Zn	mg/L	0.05
Tot Organic Carbon	mg/L	3
Tot Suspended Solids	mg/L	37
Ammonia as N	mg/L	0.37
Bromide as Br	mg/L	68
Color units	mg/L	<5
Organic Nitrogen as N	mg/L	0.83
Tot. Kjeldahl N.	mg/L	1.2
Nitrate as N	mg/L*	<0.5
Phosphorous as P	mg/L	<0.02
Sulfate as SO4	mg/L	2100
Aluminum as Al	mg/L	<1.0
Barium as Ba	mg/L	<0.25

ANALYTICAL PARAMETERS		
Boron as B	mg/L	3.5
Cobalt as Co	mg/L	<0.20
Iron as Fe	mg/L	0.21
Magnesium as Mg	mg/L	1100
Molybdenum as Mo	mg/L	<0.25
Manganese as Mn	mg/L	0.06
Tin as Sn	mg/L	<0.10
Titanium as Ti	mg/L	<0.50

cc:

REMARKS: * Nitrate result also includes nitrite.
**Bromide analysis performed by Princeton Testing Labs., Princeton N.J., for Ecotest Labs., Inc.

DIRECTOR_____

rn= 20844 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. C914444/3

01/17/92

Long Island Lighting Co.
445 Broad Hollow Road
Melville, NY 11747
ATTN: Cathy Waxman, EnvEng

PO# 399736

SOURCE OF SAMPLE: Shoreham Nuclear Power Station, QAQC
COLLECTED BY: Client DATE COL'D:12/11/91 RECEIVED:12/12/91

SAMPLE: Water sample, Outfall #001-Inlet, comp.

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Bromomethane	ug/L	<1
Chloroethane	ug/L	<1
Trichlorofluomethane	ug/L	<1
11 Dichloroethene	ug/L	<1
Methylene Chloride	ug/L	<1
t-1,2-Dichloroethene	ug/L	<1
11 Dichloroethane	ug/L	<1
Chloroform	ug/L	<1
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Benzene	ug/L	<1
12 Dichloroethane	ug/L	<1
Trichloroethene	ug/L	<1
12 Dichloropropane	ug/L	<1
Bromodichloromethane	ug/L	<1
2chloroethvinylether	ug/L	<1
t 13 Dichloropropene	ug/L	<1
Toluene	ug/L	<1
c 13 Dichloropropene	ug/L	<1
112 Trichloroethane	ug/L	<1
Tetrachloroethene	ug/L	<1
Chlorodibromomethane	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
m + p Xylene	ug/L	<2
o Xylene	ug/L	<1
Bromoform	ug/L	<1
1122Tetrachloroethan	ug/L	<1
m Dichlorobenzene	ug/L	<1
p Dichlorobenzene	ug/L	<1
o Dichlorobenzene	ug/L	<1
Dichlordifluomethane	ug/L*	<1
BisChloromethylEther	ug/L	<1
acrolein	ug/L	<25
acrylonitrile	ug/L	<25

cc:

REMARKS: Analysis performed by EPA method 624.
*Dichlordifluomethane = Dichlorodifluoromethane

DIRECTOR

rn= 20845

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. C914444/3 /92

Long Island Lighting Co.
445 Broad Hollow Road
Melville, NY 11747
ATTN: Cathy Waxman, EnvEng PO# 399736

SOURCE OF SAMPLE: Shoreham Nuclear Power Station, QAQC
COLLECTED BY: Client DATE COL'D:12/11/91 RECEIVED:12/12/91

SAMPLE: Water sample, Outfall #001-Inlet, comp.
UNITS: ug/L

ANALYTICAL PARAMETERS		ANALYTICAL PARAMETERS
Phenol	<1	
2-Chlorophenol	<1	
2-Nitrophenol	<1	
2,4-Dimethylphenol	<1	
2,4-Dichlorophenol	<1	
4-Chloro-3-methylphenol	<1	
2,4,6-Trichlorophenol	<1	
4-Nitrophenol	<1	
2,4-Dinitrophenol	<10	
2-Methyl-4,6-dinitrophenol	<5	
Pentachlorophenol	<100	

cc:

REMARKS:

DIRECTOR

rn= 20846 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. C914444/4 01/17/92

Long Island Lighting Co.
445 Broad Hollow Road
Melville, NY 11747
ATTN: Cathy Waxman, EnvEng PO# 399736

SOURCE OF SAMPLE: Shoreham Nuclear Power Station, QAQC
COLLECTED BY: Client DATE COL'D:12/11/91 RECEIVED:12/12/91

SAMPLE: Water sample, Outfall #001-Inlet, grab

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS
Phenols as Phenol	mg/L	<0.001	
Cyanide as CN	mg/L	<0.02	
Oil and Grease	mg/L	<0.4	

cc:

REMARKS:

DIRECTOR

rn= 20847 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. C914463/1 01/17/92

Long Island Lighting Co.
445 Broad Hollow Road
Melville, NY 11747
ATTN: Cathy Waxman, EnvEng PO# 399736

SOURCE OF SAMPLE: Shoreham Nuclear Power Station, (QAQC)
COLLECTED BY: Client DATE COL'D:12/13/91 RECEIVED:12/13/91

SAMPLE: Water sample, Outfall #002

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS
Tot Organic Carbon	mg/L	3.8	
Tot Suspended Solids	mg/L	51	
Ammonia as N	mg/L	0.23	
Color units	mg/L	15	
Organic Nitrogen asN	mg/L	0.37	
Tot. Kjeldahl N.	mg/L	0.6	
Nitrate as N	mg/L	<0.5	
Oil and Grease	mg/L	1.4	

cc:

REMARKS:

DIRECTOR

rn= 20977 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. C914444/5 01/17/92

Long Island Lighting Co.
445 Broad Hollow Road
Melville, NY 11747
ATTN: Cathy Waxman, EnvEng PO# 399736

SOURCE OF SAMPLE: Shoreham Nuclear Power Station, QAQC
COLLECTED BY: Client DATE COL'D:12/11/91 RECEIVED:12/12 91

SAMPLE: Water sample, Outfall #001a

ANALYTICAL PARAMETERS		
Antimony as Sb	mg/L	<0.005
Arsenic as As	mg/L	<0.005
Beryllium as Be	mg/L	<0.001
Cadmium as Cd	mg/L	<0.001
Chromium as Cr	mg/L	0.02
Copper as Cu	mg/L	<0.02
Lead as Pb	mg/L	0.005
Mercury as Hg	mg/L	<0.00025
Nickel as Ni	mg/L	<0.10
Selenium as Se	mg/L	<0.005
Silver as Ag	mg/L	0.004
Thallium as Tl	mg/L	<0.005
Zinc as Zn	mg/L	0.03
BOD5	mg/L	8
COD	mg/L	<40
Tot Organic Carbon	mg/L	3.5
Tot Suspended Solids	mg/L	<3
Ammonia as N	mg/L	0.39
Organic Nitrogen asN	mg/L	1.6
Tot. Kjeldahl N.	mg/L	2.0
Nitrate as N	mg/L*	<0.5
Oil and Grease	mg/L	<0.4
Phosphorous as P	mg/L	<0.02
Sulfate as SO4	mg/L	320
Sulfide as S	mg/L	<0.1

ANALYTICAL PARAMETERS		
Sulfite as SO3	mg/L	<0.4
Iron as Fe	mg/L	0.20
Magnesium as Mg	mg/L	0.12
Manganese as Mn	mg/L	<0.02
Phenols as Phenol	mg/L	<0.001
Cyanide as CN	mg/L	<0.02

cc:

REMARKS: *Nitrate result also includes nitrite.

DIRECTOR _____

rn= 20848 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. C914444/5 01/17/92

Long Island Lighting Co.
445 Broad Hollow Road
Melville, NY 11747
ATTN: Cathy Waxman, EnvEng PO# 399736

SOURCE OF SAMPLE: Shoreham Nuclear Power Station, QAQC
COLLECTED BY: Client DATE COL'D:12/11/91 RECEIVED:12/12/91

SAMPLE: Water sample, Outfall #001a

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Bromomethane	ug/L	<1
Chloroethane	ug/L	<1
Trichlorofluomethane	ug/L	<1
11 Dichloroethene	ug/L	<1
Methylene Chloride	ug/L	<1
t-1,2-Dichloroethene	ug/L	<1
11 Dichloroethane	ug/L	<1
Chloroform	ug/L	<1
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Benzene	ug/L	<1
12 Dichloroethane	ug/L	<1
Trichloroethene	ug/L	<1
12 Dichloropropane	ug/L	<1
Bromodichloromethane	ug/L	<1
2chloroethvinylether	ug/L	<1
t 13 Dichloropropene	ug/L	<1
Toluene	ug/L	<1
c 13 Dichloropropene	ug/L	<1
112 Trichloroethane	ug/L	<1
Tetrachloroethene	ug/L	<1
Chlorodibromomethane	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
m + p Xylene	ug/L	<2
o Xylene	ug/L	<1
Bromoform	ug/L	<1
1122Tetrachloroethan	ug/L	<1
m Dichlorobenzene	ug/L	<1
p Dichlorobenzene	ug/L	<1
o Dichlorobenzene	ug/L	<1
Dichlordifluomethane	ug/L*	<1
BisChloromethylEther	ug/L	<1
acrolein	ug/L	<25
acrylonitrile	ug/L	<25

cc:

REMARKS: Analysis performed by EPA method 624.
*Dichlordifluomethane = Dichlorodifluoromethane

DIRECTOR

rn= 20849 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. C914444/5 01/17/92

Long Island Lighting Co.
445 Broad Hollow Road
Melville, NY 11747
ATTN: Cathy Waxman, EnvEng PO# 399736

SOURCE OF SAMPLE: Shoreham Nuclear Power Station, QAQC
COLLECTED BY: Client DATE COL'D:12/11/91 RECEIVED:12/12/91

SAMPLE: Water sample, Outfall #001a
UNITS: ug/L

ANALYTICAL PARAMETERS		ANALYTICAL PARAMETERS
Phenol	<1	
2-Chlorophenol	<1	
2-Nitrophenol	<1	
2,4-Dimethylphenol	<1	
2,4-Dichlorophenol	<1	
4-Chloro-3-methylphenol	<1	
2,4,6-Trichlorophenol	<1	
4-Nitrophenol	<1	
2,4-Dinitrophenol	<10	
2-Methyl-4,6-dinitrophenol	<5	
Pentachlorophenol	<100	

cc:

REMARKS:

DIRECTOR

rn= 20850 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. C914444/5 01/17/92

Long Island Lighting Co.
445 Broad Hollow Road
Melville, NY 11747
ATTN: Cathy Waxman, EnvEng PO# 399736

SOURCE OF SAMPLE: Shoreham Nuclear Power Station, QAQC
COLLECTED BY: Client DATE COLLECTED:12/11/91 RECEIVED:12/12/91

SAMPLE: Water sample, Outfall #001a
UNITS: ug/L

ANALYTICAL PARAMETERS		ANALYTICAL PARAMETERS	
N-Nitrosodimethylamine	<1	1,2-Diphenylhydrazine	<1
Bis(2-chloroethyl)ether	<1	4-Bromophenyl phenyl ether	<1
13 Dichlorobenzene	<1	Hexachlorobenzene	<1
14 Dichlorobenzene	<1	Phenanthrene	<1
12 Dichlorobenzene	<1	Anthracene	<1
Bis(2-chloroisopropyl)ether	<1	Di-n-Butyl Phthalate	2
N-Nitrosodi-n-propylamine	<1	Fluoranthene	<1
Hexachloroethane	<1	Benzidine	<50
Nitrobenzene	<1	Pyrene	<1
Isophorone	<1	BenzylButylPhthalate	<1
Bis(2-chloroethoxy)methane	<1	Benzo(a)anthracene	<1
124-Trichlorobenzene	<1	3,3'-Dichlorobenzidine	<50
Naphthalene	<1	Chrysene	<1
Hexachlorobutadiene	<1	Bis(2-ethylhexyl)phthalate	1
Hexachlorocyclopentadiene	<100	Di-n-octyl Phthalate	<1
2-Chloronaphthalene	<1	Benzo(b)fluoranthene	<1
Dimethyl Phthalate	<1	Benzo(k)fluoranthene	<1
Acenaphthylene	<1	Benzo(a)pyrene	<1
2,6-Dinitrotoluene	<1	Indeno(1,2,3-cd)pyrene	<1
Acenaphthene	<1	Dibenzo(a,h)anthracene	<1
2,4-Dinitrotoluene	<1	Benzo(ghi)perylene	<1
Diethyl Phthalate	<1		
Fluorene	<1		
4-Chlorophenyl phenyl ether	<1		
N-Nitrosodiphenylamine	<1		

cc:

REMARKS:

DIRECTOR _____

rn= 20851 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. C914444.6 01/17/92

Long Island Lighting Co.
445 Broad Hollow Road
Melville, NY 11747
ATTN: Cathy Waxman, EnvEng PO# 399736

SOURCE OF SAMPLE: Shoreham Nuclear Power Station, QAQC
COLLECTED BY: Client DATE COL'D:12/11/91 RECEIVED:12/12/91

SAMPLE: Water sample, Outfall #001b

ANALYTICAL PARAMETERS		
Antimony as Sb	mg/L	<0.005
Arsenic as As	mg/L	<0.005
Beryllium as Be	mg/L	<0.001
Cadmium as Cd	mg/L	<0.001
Chromium as Cr	mg/L	<0.02
Copper as Cu	mg/L	<0.02
Lead as Pb	mg/L	<0.005
Mercury as Hg	mg/L	<0.00025
Nickel as Ni	mg/L	<0.10
Selenium as Se	mg/L	<0.005
Silver as Ag	mg/L	<0.001
Thallium as Tl	mg/L	<0.005
Zinc as Zn	mg/L	<0.02
BOD5	mg/L	<2
COD	mg/L	<40
Tot Organic Carbon	mg/L	<1
Tot Suspended Solids	mg/L	<3
Ammonia as N	mg/L	<0.05
Organic Nitrogen asN	mg/L	0.2
Tot. Kjeldahl N.	mg/L	0.2
Nitrate as N	mg/L	<0.5
Oil and Grease	mg/L	<0.4
Sulfate as SO4	mg/L	<5
Sulfide as S	mg/L	<0.1
Sulfite as SO3	mg/L	<0.4

ANALYTICAL PARAMETERS		
Iron as Fe	mg/L	0.09
Magnesium as Mg	mg/L	<0.05
Manganese as Mn	mg/L	<0.02
Cyanide as CN	mg/L	<0.02
Phenols as Phenol	mg/L	0.002

cc:

REMARKS:

DIRECTOR

rm: 20852 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. C314444/6 01/17/92

Long Island Lighting Co.
445 Broad Hollow Road
Melville, NY 11747
ATTN: Cathy Waxman, EnvEng PO# 399736

SOURCE OF SAMPLE: Shoreham Nuclear Power Station, QAQC
COLLECTED BY: Client DATE COL'D:12/11/91 RECEIVED:12/12/91

SAMPLE: Water sample, Outfall #001b

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Bromomethane	ug/L	<1
Chloroethane	ug/L	<1
Trichlorofluomethane	ug/L	<1
11 Dichloroethene	ug/L	<1
Methylene Chloride	ug/L	<1
t-1,2-Dichloroethene	ug/L	<1
11 Dichloroethane	ug/L	<1
Chloroform	ug/L	<1
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Benzene	ug/L	<1
12 Dichloroethane	ug/L	<1
Trichloroethene	ug/L	<1
12 Dichloropropane	ug/L	<1
Bromodichloromethane	ug/L	<1
2chloroethvinylether	ug/L	<1
t 13 Dichloropropene	ug/L	<1
Toluene	ug/L	<1
c 13 Dichloropropene	ug/L	<1
112 Trichloroethane	ug/L	<1
Tetrachloroethene	ug/L	<1
Chlorodibromomethane	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
m + p Xylene	ug/L	<2
o Xylene	ug/L	<1
Bromoform	ug/L	<1
1122Tetrachloroethan	ug/L	<1
m Dichlorobenzene	ug/L	<1
p Dichlorobenzene	ug/L	<1
o Dichlorobenzene	ug/L	<1
Dichlordifluomethane	ug/L*	<1
BisChloromethylEther	ug/L	<1
acrolein	ug/L	<25
acrylonitrile	ug/L	<25

cc:

REMARKS: Analysis performed by EPA method 624.
*Dichlordifluomethane = Dichlorodifluoromethane

DIRECTOR

rn= 20853 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. C914444/6 01/17/92

Long Island Lighting Co.
445 Broad Hollow Road
Melville, NY 11747
ATTN: Cathy Waxman, EnvEng PO# 399736

SOURCE OF SAMPLE: Shoreham Nuclear Power Station, QAQC
COLLECTED BY: Client DATE COL'D:12/11/91 RECEIVED:12/12/91

SAMPLE: Water sample, Outfall #001b
UNITS: ug/L

ANALYTICAL PARAMETERS		ANALYTICAL PARAMETERS
Phenol	<1	
2-Chlorophenol	<1	
2-Nitrophenol	<1	
2,4-Dimethylphenol	<1	
2,4-Dichlorophenol	<1	
4-Chloro-3-methylphenol	<1	
2,4,6-Trichlorophenol	<1	
4-Nitrophenol	<1	
2,4-Dinitrophenol	<10	
2-Methyl-4,6-dinitrophenol	<5	
Pentachlorophenol	<100	

cc:

REMARKS:

DIRECTOR

rn= 20854 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. C914444/6 01/17/92

Long Island Lighting Co.
445 Broad Hollow Road
Melville, NY 11747
ATTN: Cathy Waxman, EnvEng PO# 399736

SOURCE OF SAMPLE: Shoreham Nuclear Power Station, QAQC
COLLECTED BY: Client DATE COL'D:12/11/91 RECEIVED:12/12/91

SAMPLE: Water sample, Outfall #001b
UNITS: ug/L

ANALYTICAL PARAMETERS		ANALYTICAL PARAMETERS	
N-Nitrosodimethylamine	<1	1,2-Diphenylhydrazine	<1
Bis(2-chloroethyl)ether	<1	4-Bromophenyl phenyl ether	<1
13 Dichlorobenzene	<1	Hexachlorobenzene	<1
14 Dichlorobenzene	<1	Phenanthrene	<1
12 Dichlorobenzene	<1	Anthracene	<1
Bis(2-chloroisopropyl)ether	<1	Di-n-Butyl Phthalate	2
N-Nitrosodi-n-propylamine	<1	Fluoranthene	<1
Hexachloroethane	<1	Benzidine	<50
Nitrobenzene	<1	Pyrene	<1
Isophorone	<1	BenzylButylPhthalate	<1
Bis(2-chloroethoxy)methane	<1	Benzo(a)anthracene	<1
1,2,4-Trichlorobenzene	<1	3,3'-Dichlorobenzidine	<50
Naphthalene	<1	Chrysene	<1
Hexachlorobutadiene	<1	Bis(2-ethylhexyl)phthalate	<1
Hexachlorocyclopentadiene	<100	Di-n-octyl Phthalate	<1
2-Chloronaphthalene	<1	Benzo(b)fluoranthene	<1
Dimethyl Phthalate	<1	Benzo(k)fluoranthene	<1
Acenaphthylene	<1	Benzo(a)pyrene	<1
2,6-Dinitrotoluene	<1	Indeno(1,2,3-cd)pyrene	<1
Acenaphthene	<1	Dibenzo(a,h)anthracene	<1
2,4-Dinitrotoluene	<1	Benzo(ghi)perylene	<1
Diethyl Phthalate	<1		
Fluorene	<1		
4-Chlorophenyl phenyl ether	<1		
N-Nitrosodiphenylamine	<1		

cc:

REMARKS:

DIRECTOR

tn= 20855 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. C914444/8 01/17/92

Long Island Lighting Co.
445 Broad Hollow Road
Melville, NY 11747
ATTN: Cathy Waxman, EnvEng PO# 399736

SOURCE OF SAMPLE: Shoreham Nuclear Power Station, QAQC
COLLECTED BY: Client DATE COL'D:12/11/91 RECEIVED:12/12/91

SAMPLE: Water sample, Trip Blank

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Bromomethane	ug/L	<1
Chloroethane	ug/L	<1
Trichlorofluomethane	ug/L	<1
11 Dichloroethene	ug/L	<1
Methylene Chloride	ug/L	<1
t-1,2-Dichloroethene	ug/L	<1
11 Dichloroethane	ug/L	<1
Chloroform	ug/L	<1
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Benzene	ug/L	<1
12 Dichloroethane	ug/L	<1
Trichloroethene	ug/L	<1
12 Dichloropropene	ug/L	<1
Bromodichloromethane	ug/L	<1
2chloroethvinylether	ug/L	<1
t 13 Dichloropropene	ug/L	<1
Toluene	ug/L	<1
c 13 Dichloropropene	ug/L	<1
112 Trichloroethane	ug/L	<1
Tetrachloroethene	ug/L	<1
Chlorodibromomethane	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
m + p Xylene	ug/L	<2
o Xylene	ug/L	<1
Bromoform	ug/L	<1
1122Tetrachloroethan	ug/L	<1
m Dichlorobenzene	ug/L	<1
p Dichlorobenzene	ug/L	<1
o Dichlorobenzene	ug/L	<1
Dichlordifluomethane	ug/L*	<1
BisChloromethylEther	ug/L	<1
acrolein	ug/L	<25
acrylonitrile	ug/L	<25

cc:

REMARKS: Analysis performed by EPA method 624.
*Dichlordifluomethane = Dichlorodifluoromethane

DIRECTOR

rn= 20859 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. C914463/2 01/17/92

Long Island Lighting Co.
445 Broad Hollow Road
Melville, NY 11747
ATTN: Cathy Waxman, EnvEng PO# 393736

SOURCE OF SAMPLE: Shoreham Nuclear Power Station, (QAQC)
COLLECTED BY: Client DATE COL'D:12/13/91 RECEIVED:12/13/91

SAMPLE: Water sample, Outfall #003

ANALYTICAL PARAMETERS		
Antimony as Sb	mg/L	<0.005
Arsenic as As	mg/L	<0.005
Beryllium as Be	mg/L	<0.001
Cadmium as Cd	mg/L	<0.001
Chromium as Cr	mg/L	0.02
Copper as Cu	mg/L	0.06
Lead as Pb	mg/L	0.013
Mercury as Hg	mg/L	<0.00025
Nickel as Ni	mg/L	<0.10
Selenium as Se	mg/L	<0.005
Silver as Ag	mg/L	<0.02
Thallium as Tl	mg/L	<0.005
Zinc as Zn	mg/L	0.38
BOD5	mg/L	5
COD	mg/L	680
Tot Organic Carbon	mg/L	6
Tot Suspended Solids	mg/L	51
Ammonia as N	mg/L	0.17
Color	units	15
Organic Nitrogen asN	mg/L	0.83
Nitrate as N	mg/L*	[illegible].5
Tot. Kjeldahl N.	mg/L	1.0
Oil and Grease	mg/L	2.3
Phosphorous as P	mg/L	0.38
Sulfate as SO4	mg/L	340

ANALYTICAL PARAMETERS		
Sulfide as S	mg/L	<0.1
Sulfite as SO3	mg/L	<0.4
Iron as Fe	mg/L	6.3
Magnesium as Mg	mg/L	210
Manganese as Mn	mg/L	0.10
Cyanide as CN	mg/L	<0.02
Phenols as Phenol	mg/L	0.009

cc:

REMARKS: *Nitrate value also includes nitrite.

DIRECTOR

rm: 20378 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. C914463/2 01/17/92

Long Island Lighting Co.
445 Broad Hollow Road
Melville, NY 11747
ATTN: Cathy Waxman, Env Eng PO# 399736

SOURCE OF SAMPLE: Shoreham Nuclear Power Station, (QAQC)
COLLECTED BY: Client DATE COL'D:12/13/91 RECEIVED:12/13/91

SAMPLE: Water sample, Outfall #003

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Bromomethane	ug/L	<1
Chloroethane	ug/L	<1
Trichlorofluomethane	ug/L	<1
11 Dichloroethene	ug/L	<1
Methylene Chloride	ug/L	<1
t-1,2 Dichloroethene	ug/L	<1
11 Dichloroethane	ug/L	<1
Chloroform	ug/L	<1
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Benzene	ug/L	<1
12 Dichloroethane	ug/L	<1
Trichloroethene	ug/L	<1
12 Dichloropropane	ug/L	<1
Bromodichloromethane	ug/L	<1
2chloroethylvinylether	ug/L	<1
t 13 Dichloropropene	ug/L	<1
Toluene	ug/L	<1
c 13 Dichloropropene	ug/L	<1
112 Trichloroethane	ug/L	<1
Tetrachloroethene	ug/L	<1
Chlorodibromomethane	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
m + p Xylene	ug/L	<2
o Xylene	ug/L	<1
Bromoform	ug/L	<1
1122Tetrachloroethan	ug/L	<1
m Dichlorobenzene	ug/L	<1
p Dichlorobenzene	ug/L	<1
o Dichlorobenzene	ug/L	<1
Dichlordifluomethane	ug/L*	<1
BisChloromethylEther	ug/L	<1
acrolein	ug/L	<25
acrylonitrile	ug/L	<25

cc:

REMARKS: Analysis performed by EPA method 624.
*Dichlordifluomethane = Dichlorodifluoromethane

DIRECTOR

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO. C914463/2 01/17/92

Long Island Lighting Co.
445 Broad Hollow Road
Melville, NY 11747
ATTN: Cathy Waxman, EnvEng PO# 398736

SOURCE OF SAMPLE: Shoreham Nuclear Power Station, (QAQC)
COLLECTED BY: Client DATE COL'D:12/13/91 RECEIVED:12/13/91

SAMPLE: Water sample, Outfall #003
UNITS: ug/L

ANALYTICAL PARAMETERS		ANALYTICAL PARAMETERS
Phenol	<1	
2-Chlorophenol	<1	
2-Nitrophenol	<1	
2,4-Dimethylphenol	<1	
2,4-Dichlorophenol	<1	
4-Chloro-3-methylphenol	<1	
2,4,6-Trichlorophenol	<1	
4-Nitrophenol	<1	
2,4-Dinitrophenol	<10	
2-Methyl 4,6-dinitrophenol	<5	
Pentachlorophenol	<100	

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. C914463/2 01/17/92

Long Island Lighting Co.
445 Broad Hollow Road
Melville, NY 11747
ATTN: Cathy Waxman, EnvEng PO# 399736

SOURCE OF SAMPLE: Shoreham Nuclear Power Station, (QAQC)
COLLECTED BY: Client DATE COL'D:12/13/91 RECEIVED:12/13/91

SAMPLE: Water sample, Outfall #003
UNITS: ug/L

ANALYTICAL PARAMETERS		ANALYTICAL PARAMETERS	
N-Nitrosodimethylamine	<1	1,2-Diphenylhydrazine	<1
Bis(2-chloroethyl)ether	<1	4-Bromophenyl phenyl ether	<1
13 Dichlorobenzene	<1	Hexachlorobenzene	<1
14 Dichlorobenzene	<1	Phenanthrene	<1
12 Dichlorobenzene	<1	Anthracene	<1
Bis(2-chloroisopropyl)ether	<1	Di-n-Butyl Phthalate	2
N-Nitrosodi-n-propylamine	<1	Fluoranthene	<1
Hexachloroethane	<1	Benzidine	<50
Nitrobenzene	<1	Pyrene	<1
Isophorone	<1	BenzylButylPhthalate	<1
Bis(2-chloroethoxy)methane	<1	Benzo(a)anthracene	<1
124-Trichlorobenzene	<1	3,3'-Dichlorobenzidine	<50
Naphthalene	<1	Chrysene	<1
Hexachlorobutadiene	<1	Bis(2-ethylhexyl)phthalate	3
Hexachlorocyclopentadiene	<100	Di-n-octyl Phthalate	<1
2-Chloronaphthalene	<1	Benzo(b)fluoranthene	<1
Dimethyl Phthalate	<1	Benzo(k)fluoranthene	<1
Acenaphthylene	<1	Benzo(a)pyrene	<1
2,6-Dinitrotoluene	<1	Indeno(1,2,3-cd)pyrene	<1
Acenaphthene	<1	Dibenzo(a,h)anthracene	<1
2,4-Dinitrotoluene	<1	Benzo(ghi)perylene	<1
Diethyl Phthalate	<1		
Fluorene	<1		
4-Chlorophenyl phenyl ether	<1		
N-Nitrosodiphenylamine	<1		

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. C914463/3 01/17/92

Long Island Lighting Co.
445 Broad Hollow Road
Melville, NY 11747
ATTN: Cathy Waxman, EnvEng PO# 399736

SOURCE OF SAMPLE: Shoreham Nuclear Power Station, (PAQC)
COLLECTED BY: Client DATE COL'D:12/13/91 RECEIVED:12/13/91

SAMPLE: Water sample, Field Blank

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Bromomethane	ug/L	<1
Chloroethane	ug/L	<1
Trichlorofluomethane	ug/L	<1
1 Dichloroethene	ug/L	<1
Methylene Chloride	ug/L	<1
t-1,2-Dichloroethene	ug/L	<1
11 Dichloroethane	ug/L	<1
Chloroform	ug/L	<1
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Benzene	ug/L	<1
12 Dichloroethane	ug/L	<1
Trichloroethene	ug/L	<1
12 Dichloropropane	ug/L	<1
Bromodichloromethane	ug/L	<1
2chloroethvinylether	ug/L	<1
t 13 Dichloropropene	ug/L	<1
Toluene	ug/L	<1
c 13 Dichloropropene	ug/L	<1
112 Trichloroethane	ug/L	<1
Tetrachloroethene	ug/L	<1
Chlorodibromomethane	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
m + p Xylene	ug/L	<2
o Xylene	ug/L	<1
Bromoform	ug/L	<1
1122Tetrachloroethan	ug/L	<1
m Dichlorobenzene	ug/L	<1
p Dichlorobenzene	ug/L	<1
o Dichlorobenzene	ug/L	<1
Dichlordifluomethane	ug/L*	<1
BisChloromethylEther	ug/L	<1
acrolein	ug/L	<25
acrylonitrile	ug/L	<25

cc:

REMARKS: Analysis performed by EPA method 624.
*Dichlordifluomethane = Dichlorodifluoromethane

DIRECTOR

rh: 209A2 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. C914463/3 01/17/92

Long Island Lighting Co.
445 Broad Hollow Road
Melville, NY 11747
ATTN: Cathy Waxman, EnvEng PO# 399736

SOURCE OF SAMPLE: Shoreham Nuclear Power Station, (QAQC)
COLLECTED BY: Client DATE COL'D:12/13/91 RECEIVED:12/13/91

SAMPLE: Water sample, Field Blank
UNITS: ug/L

ANALYTICAL PARAMETERS		ANALYTICAL PARAMETERS
Phenol	<1	
2-Chlorophenol	<1	
2-Nitrophenol	<1	
2,4-Dimethylphenol	<1	
2,4-Dichlorophenol	<1	
4-Chloro-3-methylphenol	<1	
2,4,6-Trichlorophenol	<1	
4-Nitrophenol	<1	
2,4-Dinitrophenol	<10	
2-Methyl-4,6-dinitrophenol	<5	
Pentachlorophenol	<100	

cc:

REMARKS:

DIRECTOR

tn: 20383 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. C914463/3 01/17/92

Long Island Lighting Co.
445 Broad Hollow Road
Melville, NY 11747
ATTN: Cathy Waxman, EnvEng PO# 399736

SOURCE OF SAMPLE: Shoreham Nuclear Power Station, (QAQC)
COLLECTED BY: Client DATE COL'D:12/13/91 RECEIVED:12/13/91

SAMPLE: Water sample, Field Blank
UNITS: ug/L

ANALYTICAL PARAMETERS	
N-Nitrosodimethylamine	<1
Bis(2-chloroethyl)ether	<1
1,3-Dichlorobenzene	<1
1,4-Dichlorobenzene	<1
1,2-Dichlorobenzene	<1
Bis(2-chloroisopropyl)ether	<1
N-Nitrosodi-n-propylamine	<1
Hexachloroethane	<1
Nitrobenzene	<1
Isophorone	<1
Bis(2-chloroethoxy)methane	<1
1,2,4-Trichlorobenzene	<1
Naphthalene	<1
Hexachlorobutadiene	<1
Hexachlorocyclopentadiene	<100
2-Chloronaphthalene	<1
Dimethyl Phthalate	<1
Acenaphthylene	<1
2,6-Dinitrotoluene	<1
Acenaphthene	<1
2,4-Dinitrotoluene	<1
Diethyl Phthalate	<1
Fluorene	<1
4-Chlorophenyl phenyl ether	<1
N-Nitrosodiphenylamine	<1

ANALYTICAL PARAMETERS	
1,2-Diphenylhydrazine	<1
4-Bromophenyl phenyl ether	<1
Hexachlorobenzene	<1
Phenanthrene	<1
Anthracene	<1
Di-n-Butyl Phthalate	<1
Fluoranthene	<1
Benzidine	<50
Pyrene	<1
BenzylButylPhthalate	<1
Benzo(a)anthracene	<1
3,3'-Dichlorobenzidine	<50
Chrysene	<1
Bis(2-ethylhexyl)phthalate	<1
Di-n-octyl Phthalate	<1
Benzo(b)fluoranthene	<1
Benzo(k)fluoranthene	<1
Benzo(a)pyrene	<1
Indeno(1,2,3-cd)pyrene	<1
Dibenzo(a,h)anthracene	<1
Benzo(ghi)perylene	<1

cc:

REMARKS:

DIRECTOR

rn: 20984 NYSDOH ID# 10320

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LAB NO. C914444/8 01/17/92

Long Island Lighting Co.
445 Broad Hollow Road
Melville, NY 11747
ATTN: Cathy Waxman, EnvEng PO# 399736

SOURCE OF SAMPLE: Shoreham Nuclear Power Station, QAQC
COLLECTED BY: Client DATE COL'D:12/11/91 RECEIVED:12/12/91

SAMPLE: Water sample, Trip Blank

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Bromomethane	ug/L	<1
Chloroethane	ug/L	<1
Trichlorofluomethane	ug/L	<1
11 Dichloroethene	ug/L	<1
Methylene Chloride	ug/L	<1
t-1,2-Dichloroethene	ug/L	<1
11 Dichloroethane	ug/L	<1
Chloroform	ug/L	<1
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Benzene	ug/L	<1
12 Dichloroethane	ug/L	<1
Trichloroethene	ug/L	<1
12 Dichloropropane	ug/L	<1
Bromodichloromethane	ug/L	<1
2chloroethvinylether	ug/L	<1
t 13 Dichloropropene	ug/L	<1
Toluene	ug/L	<1
c 13 Dichloropropene	ug/L	<1
112 Trichloroethane	ug/L	<1
Tetrachloroethene	ug/L	<1
Chlorodibromomethane	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
m + p Xylene	ug/L	<2
o Xylene	ug/L	<1
Bromoform	ug/L	<1
1122Tetrachloroethan	ug/L	<1
m Dichlorobenzene	ug/L	<1
p Dichlorobenzene	ug/L	<1
o Dichlorobenzene	ug/L	<1
Dichlordifluomethane	ug/L*	<1
BisChloromethylEther	ug/L	<1
acrolein	ug/L	<25
acrylonitrile	ug/L	<25

cc:

REMARKS: Analysis performed by EPA method 624.
*Dichlordifluomethane = Dichlorodifluoromethane

DIRECTOR

rn= 20853 NYSDOH ID# 10320

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SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Long Island Lighting Co.

Sample Lab Number(s): C914444-1,3

Date Sample(s) Received: 12-12-91

Date of Analysis: 12-19-91

Analyzed By: R.L.

Method: ICP CLP 3207

Analyte: Boron

QC RESULTS

Laboratory Blank Result: <0.1 mg/L

Duplicate Analysis: Sample Lab No.: C914408-2

Result No. 1 0.82 mg/L Result No. 2 0.76 mg/L Range 0.06 mg/L

Reference Sample:

Source & ID No.	True Value	Acceptable Range	Result
TM9938-2	0.40 mg/L	0.33-0.47 mg/L	0.40 mg/L

Spiked Sample Recovery: Sample Lab No.: C914408-3

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery
0.32 mg/L	5.0 mg/L	4.9 mg/L	92

summaryqc

R.L.

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SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Long Island Lighting

Sample Lab Number(s): C914444 1, 3, 5, 6, 7

Date Sample(s) Received: 12/12/91

Date of Analysis: 12/16/91

Analyzed By: J. Posanti

Method: Graphite Furnace EPA 272.2

Analyte: Ag

QC RESULTS

Laboratory Blank Result: 0 mg/L

Duplicate Analysis: Sample Lab No.: C914374-1

Result #1: 0.0035 mg/L Result #2: 0.0034 mg/L Range: 0.0001 mg/L

Reference Sample:

Source & ID No.	True Value	Acceptable Range	Result
WP790	0.0018 mg/L	0.001-0.0023 mg/L	0.0016 mg/L

Spiked Sample Recovery: Sample Lab No.: C914374-1

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery
0.0035 mg/L	0.001 mg/L	0.00417 mg/L	104%

BP10

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SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Long Island Lighting

Sample Lab Number(s): C914444-1, 5, 6, 7, 3 ~~4~~

Date Sample(s) Received: 12-12-91

Date of Analysis: 12-18-91

Analyzed By: J. Posanti

Method: Graphite Furnace EPA 2042

Analyte: Se

QC RESULTS

Laboratory Blank Result: 0 mg/L

Duplicate Analysis: Sample Lab No.: C914451-1

Result #1 < 0.005 mg/L Result #2 < 0.005 mg/L Range ~~0~~ mg/L

Reference Sample:

Source & ID No.	True Value	Acceptable Range	Result
WP790	0.034 mg/L	0.026 - .041 mg/L	0.032 mg/L

Spiked Sample Recovery: Sample Lab No.: C914451-1

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery
< 0.005 mg/L	0.02 mg/L	0.02 mg/L	100%

BP10

RL

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SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Long Island Lighting

Sample Lab Number(s): C9144444-7

Date Sample(s) Received: 12/12/91

Date of Analysis: 12/20/91

Analyzed By: J. Posanti

Method: Graphite Furnace EPA 272.2

Analyte: Ag

QC RESULTS

Laboratory Blank Result: <0.001 mg/L

Duplicate Analysis: Sample Lab No.: C9144444-7

Result No. 1 <0.001 mg/L Result No. 2 <0.001 mg/L Range ~~0~~ mg/L

Reference Sample:

Source & ID No.	True Value	Acceptable Range	Result
WP790	0.0016 mg/L	0.001 - 0.0021 mg/L	0.0014 mg/L

Spiked Sample Recovery: Sample Lab No.: C9144444-7

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery
<0.001 mg/L	0.001 mg/L	0.0013 mg/L	100%

summaryqc

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SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Long Island Lighting Company

Sample Lab Number(s): C914444 1, 3, 5, 6

Date Sample(s) Received: 12/12/91

Date of Analysis: 12/18/91

Analyzed By: GS

Method: AA Flame EPA 243.1

Analyte: Mn

QC RESULTS

Laboratory Blank Result: < 0.02 mg/L

Duplicate Analysis: Sample Lab No.: C914447-7

Result No. 1 0.09 mg/L Result No. 2 0.09 mg/L Range 0.00 mg/L

Reference Sample:

Source & ID No.	True Value	Acceptable Range	Result
EM Lot# 901	0.50 mg/L	0.451 - .588 mg/L	0.56 mg/L

Spiked Sample Recovery: Sample Lab No.: C914479-

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery
0.49 mg/L	0.50 mg/L	0.93 mg/L	94

summaryqc

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SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Long Island Lighting

Sample Lab Number(s): C914444 1,3,5,6,7

Date Sample(s) Received: 4/12/91

Date of Analysis: 4/20/91

Analyzed By: G-S

Method: In house - EPA 220.1

Analyte: Cu

QC RESULTS

Laboratory Blank Result: < .002 mg/L

Duplicate Analysis: Sample Lab No.: C914444-7

Result No. 1 0.231 mg/L Result No. 2 0.235 mg/L Range 0.007 mg/L

Reference Sample:

Source & ID No.	True Value	Acceptable Range	Result
EM 3000901	0.35 mg/L	.329 - .382 mg/L	0.359 mg/L

Spiked Sample Recovery: Sample Lab No.: C914479-

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery
0.03 mg/L	0.4 mg/L	0.47 mg/L	91

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SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Long Island Lighting

Sample Lab Number(s): C914430-1,3,5,6,7

Date Sample(s) Received: 8/12/91

Date of Analysis: 8-21-91

Analyzed By: [illegible]

Method: EPA 289.1

Analyte: ZN

QC RESULTS

Laboratory Blank Result: [illegible] mg/L

Duplicate Analysis: Sample Lab No.: C914430-1

Result No. 1 [illegible] mg/L Result No. 2 0.05 mg/L Range 0.00 mg/L

Reference Sample:

Source & ID No.	True Value	Acceptable Range	Result
EM 3006701	0.55 mg/L	0.518 - 0.603 mg/L	0.57 mg/L

Spiked Sample Recovery: Sample Lab No.: C914479-1

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery
0.02 mg/L	0.50 mg/L	0.5? mg/L	101

summaryqc

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SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Long Island Lighting

Sample Lab Number(s): C9/4444-1 & 7

Date Sample(s) Received: 12/12/91

Date of Analysis: 12/30/91

Analyzed By: J. Pesanti

Method: Graphite Furnace EPA 282.2

Analyte: Sn

QC RESULTS

Laboratory Blank Result: <0.2 mg/L

Duplicate Analysis: Sample Lab No.: C9/4444-B

Result No. 1 <0.20 mg/L Result No. 2 <0.20 mg/L Range ~~0~~ mg/L

Reference Sample:

Source & ID No.	True Value	Acceptable Range	Result
EM Science Lot # 9031 QC.2	0.2 mg/L	0.18 - 0.26 mg/L	0.24 mg/L

Spiked Sample Recovery: Sample Lab No.: C9/4444-B

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery
<0.1 mg/L	0.2 mg/L	0.2 mg/L	100%

summaryqc

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ENVIRONMENTAL TESTING

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SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Long Island Lighting

Sample Lab Number(s): C914444-1, 3, 5, 6, 7

Date Sample(s) Received: 12/12/91

Date of Analysis: 12/17/91

Analyzed By: J. Posanti

Method: Graphite Furnace EPA 279.2

Analyte: TL

QC RESULTS

Laboratory Blank Result: ~~0 mg/L~~ <0.005 mg/L

Duplicate Analysis: Sample Lab No.: C914365-1

Result #1: 0.01 mg/L Result #2 0.007 mg/L Range 0.003 mg/L

Reference Sample:

Source & ID No.	True Value	Acceptable Range	Result
WP790	0.016 mg/L	0.009 - 0.021 mg/L	0.014 mg/L

Spiked Sample Recovery: Sample Lab No.: C914365-1

Unspiked Result	Conc. Spike Added	Spiked Result	= Recovery
0.01 mg/L	0.01 mg/L	0.018 mg/L	90%

BP10

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SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Long Island Lighting Company

Sample Lab Number(s): c914444-1 and -3

Date Sample(s) Received: 12/12/91

Date of Analysis: 1/3/92

Analyzed By: TH

Method: Graphite Furnace EPA 246.2

Analyte: Molybdenum

QC RESULTS

Laboratory Blank Result: <0.05 mg/L

Duplicate Analysis: Sample Lab No.: c914444-1

Result No. 1 0.001 mg/L Result No. 2 0.001 mg/L Range 0 mg/L

Reference Sample:

Source & ID No.	True Value	Acceptable Range	Result
RA Quality Control Standards / TM9938x4	0.106 mg/L	0.087-0.125 mg/L	0.12 mg/L

Spiked Sample Recovery: Sample Lab No.: c914444-1

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery
0.001 mg/L	0.1 mg/L	0.090 mg/L	89%

summaryqc

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SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Long Island Lighting

Sample Lab Number(s): C914444-3

Date Sample(s) Received: 12-12-91

Date of Analysis: 12-19-91

Analyzed By: G.S.

Method: A.A. Flame EPA 218.1

Analyte: Cr

QC RESULTS

Laboratory Blank Result: <0.02 mg/L

Duplicate Analysis: Sample Lab No.: C914451-2

Result No. 1 0.519 mg/L Result No. 2 0.528 mg/L Range 0.009 mg/L

Reference Sample:

Source & ID No.	True Value	Acceptable Range	Result
EM 9340	0.40 mg/L	0.308 - 0.478 mg/L	0.404 mg/L

Spiked Sample Recovery: Sample Lab No.: C914450-1

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery
0.02 mg/L	0.40 mg/L	0.45 mg/L	107

summaryqc

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SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Long Island Lighting

Sample Lab Number(s): C914444-1,3,5,6,7

Date Sample(s) Received: 12-12-91

Date of Analysis: 12-18-91

Analyzed By: T.D.

Method: A.A. Flame EPA 249.1

Analyte: Ni

QC RESULTS

Laboratory Blank Result: < 0.10 mg/L

Duplicate Analysis: Sample Lab No.: C914444-1

Result No. 1 0.15 mg/L Result No. 2 0.16 mg/L Range 0.01 mg/L

Reference Sample:

Source & ID No.	True Value	Acceptable Range	Result
EM 9116	0.62 mg/L	0.54 - 0.69 mg/L	0.63 mg/L

Spiked Sample Recovery: Sample Lab No.: C914477-2

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery
< 0.10 mg/L	1.0 mg/L	0.94 mg/L	94

summaryqc

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SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Long Island Lighting

Sample Lab Number(s): C914444-1,3,5,6

Date Sample(s) Received: 12-12-91

Date of Analysis: 12-19-91

Analyzed By: G.S.

Method: A.A. flame EPA 236.1

Analyte: Iron

QC RESULTS

Laboratory Blank Result: <0.05 mg/L

Duplicate Analysis: Sample Lab No.: C914480-1 TCLP Spike

Result No. 1 0.17 mg/L Result No. 2 0.17 mg/L Range 0 mg/L

Reference Sample:

Source & ID No.	True Value	Acceptable Range	Result
EM 9346	0.45 mg/L	0.40-0.51 mg/L	0.45 mg/L

Spiked Sample Recovery: Sample Lab No.: C914480-1 TCLP

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery
0.05 mg/L	0.10 mg/L	0.17 mg/L	113

summaryqc

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SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Long Island Lighting Company

Sample Lab Number(s): C914444.(1-7)

Date Sample(s) Received: 12/12/91

Date of Analysis: 12/17/91

Analyzed By: M. Nelson

Method: E 353.2

Analyte: Nitrate - Nitrogen

QC RESULTS

Laboratory Blank Result: <0.5 mg/L

Duplicate Analysis: Sample Lab No.: C914470-1

Result #1 0.6 mg/L Result #2 0.6 mg/L Range 0 mg/L

Reference Sample:

Source & ID No.	True Value	Acceptable Range	Result
WP 284 #3	0.14 mg/L	0.18 - 0.10 mg/L	0.11 mg/L

Spiked Sample Recovery: Sample Lab No.: C914470-1

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery
0.6 mg/L	2.0 mg/L	2.4 mg/L	90%

BP10

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SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Long Island Lig

Sample Lab Number(s): C914444-1,5,6,7

Date Sample(s) Received: 12-12-91

Date of Analysis: 12-16-91

Analyzed By: Dorg

Method: AA Flame 3111

Analyte: Cu

QC RESULTS

Laboratory Blank Result: <0.02 mg/L

Duplicate Analysis: Sample Lab No.: 914316-2

Result #1 0.695 mg/L Result #2 0.691 mg/L Range 0.004 mg/L

Reference Sample:

Source & ID No.	True Value	Acceptable Range	Result
EM 9340	0.40 mg/L	0.308 - 0.478 mg/L	0.398 mg/L

Spiked Sample Recovery: Sample Lab No.: C914435

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery
0.36 mg/L	0.2 mg/L	0.54 mg/L	96

BP10

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SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Long Island Lighting

Sample Lab Number(s): C914444-1,3,5,6,7

Date Sample(s) Received: 12-12-91

Date of Analysis: 12-18-91

Analyzed By: T D.

Method: A.A. Flame EPA 249.1

Analyte: N

QC RESULTS

Laboratory Blank Result: < 0.10 mg/L

Duplicate Analysis: Sample Lab No.: C914444-1

Result No. 1 0.15 mg/L Result No. 2 0.16 mg/L Range 0.01 mg/L

Reference Sample:

Source & ID No.	True Value	Acceptable Range	Result
EM 9116	0.62 mg/L	0.54 - 0.69 mg/L	0.63 mg/L

Spiked Sample Recovery: Sample Lab No.: C914477-2

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery
< 0.10 mg/L	1.0 mg/L	0.94 mg/L	94

summaryqc

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SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Long Island Lighting

Sample Lab Number(s): C914444-1,3,5,6

Date Sample(s) Received: 12-12-91

Date of Analysis: 12-19-91

Analyzed By: G.S.

Method: A.A. Flame EPA 236.1

Analyte: Iron

QC RESULTS

Laboratory Blank Result: < 0.05 mg/L

Duplicate Analysis: Sample Lab No.: C914482-1TCLP Spike

Result No. 1 0.17 mg/L Result No. 2 0.17 mg/L Range 0 mg/L

Reference Sample:

Source & ID No.	True Value	Acceptable Range	Result
EM 9346	0.45 mg/L	0.40-0.51 mg/L	0.45 mg/L

Spiked Sample Recovery: Sample Lab No.: C914480-1TCLP

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery
0.05 mg/L	0.10 mg/L	0.17 mg/L	113

summaryqc

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SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Long Island Lighting Company

Sample Lab Number(s): C914444(1-7)

Date Sample(s) Received: 12/12/91

Date of Analysis: 12/17/91

Analyzed By: M. Nelson

Method: 4353.2

Analyte: Nitrate Nitrogen

QC RESULTS

Laboratory Blank Result: <0.5 mg/L

Duplicate Analysis: Sample Lab No.: C914470-1

Result #1 0.6 mg/L Result #2 0.6 mg/L Range 0 mg/L

Reference Sample:

Source & ID No.	True Value	Acceptable Range	Result
WP 284 #3	0.14 mg/L	0.18 - 0.10 mg/L	0.11 mg/L

Spiked Sample Recovery: Sample Lab No.: C914470-1

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery
0.6 mg/L	2.0 mg/L	2.4 mg/L	90%

BP10

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SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Long Island Lig

Sample Lab Number(s): C914444-1,5,6,7

Date Sample(s) Received: 12-12-91

Date of Analysis: 12-16-91

Analyzed By: [illegible]

Method: AA Flame (7...)

Analyte: Cu

QC RESULTS

Laboratory Blank Result: <0.02 mg/L

Duplicate Analysis: Sample Lab No.: 914316-2

Result #1 0.695 mg/L Result #2 0.691 mg/L Range 0.004 mg/L

Reference Sample:

Source & ID No.	True Value	Acceptable Range	Result
EM 9340	0.40 mg/L	0.308 - 0.478 mg/L	0.398 mg/L

Spiked Sample Recovery: Sample Lab No.: C914435

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery
0.36 mg/L	0.2 mg/L	0.54 mg/L	96

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SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Long Island Lighting Company

Sample Lab Number(s): C914444-1 and -3

Date Sample(s) Received: 12/11/91

Date of Analysis: 12/24/91

Analyzed By: TP

Method: Graphite Furnace EPA 213.2

Analyte: Cadmium

QC RESULTS

Laboratory Blank Result: <0.001 mg/L

Duplicate Analysis: Sample Lab No.: C914266-3

Result No. 1 0.0021 mg/L Result No. 2 0.0025 mg/L Range 0.0004 mg/L

Reference Sample: EPA Serious Cadmium Standard (1000 ppm)

Source & ID No.	True Value	Acceptable Range	Result
ZAW 9155/QC EPA	0.0025 mg/L	0.0025 - 0.0033 mg/L	0.0022 mg/L

Spiked Sample Recovery: Sample Lab No.: C914444-3

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery
0.0001 mg/L	0.001 mg/L	0.0012 mg/L	110%

summaryqc

R.L.

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SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Long Island Lighting Company

Sample Lab Number(s): C914 444-5 → -7

Date Sample(s) Received: 12/12/91

Date of Analysis: 12/19/91

Analyzed By: TH

Method: Graphite Furnace EPA 213.2

Analyte: Cadmium

QC RESULTS

Laboratory Blank Result: < 0.001 mg/L

Duplicate Analysis: Sample Lab No.: C914436-1

Result No. 1 0.0039 mg/L Result No. 2 0.0035 mg/L Range 0.0004 mg/L

Reference Sample: CM Science Cadmium Standard

Source & ID No.	True Value	Acceptable Range	Result
Lot #4989 QC CM	0.0025 mg/L	0.0025 – 0.0037 mg/L	0.0027 mg/L

Spiked Sample Recovery: Sample Lab No.: C914436-1

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery
0.0034 mg/L	0.001 mg/L	0.0049 mg/L	100 %

summaryqc

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SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Long Island Lighting Company

Sample Lab Number(s): C914444-1, 3, 5, 6

Date Sample(s) Received: 12/12/91

Date of Analysis: 12/18/91

Analyzed By: TH

Method: Graphite Furnace EPA 239.2

Analyte: Lead

QC RESULTS

Laboratory Blank Result: <0.005 mg/L

Duplicate Analysis: Sample Lab No.: C914387

Result No. 1 0.021 mg/L Result No. 2 0.029 mg/L Range 0.008 mg/L

Reference Sample: EM Science Lead Standard (1000 ppm)

Source & ID No.	True Value	Acceptable Range	Result
Lot # 9167/QC EM	0.025 mg/L	0.021 – 0.032 mg/L	0.0255 mg/L

Spiked Sample Recovery: Sample Lab No.: C914487

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery
0.0099 mg/L	0.01 mg/L	0.0184 mg/L	85%

summaryqc

R.L.

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ENVIRONMENTAL TESTING

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SUMMARY OF QUALITY CONTROL RESULTS

Client Name: LONG ISLAND LIGHTING Co.

Sample Lab Number(s): C9144.44-3, 5, 6, 7

Date Sample(s) Received: 12-12-1991

Date of Analysis: 12-17-1991

Analyzed By: KS

Method: VARIAN Cold Vapor EPA 245.1

Analyte: Hg

QC RESULTS

Laboratory Blank Result: <0.00025 mg/L

Duplicate Analysis: Sample Lab No.: C914431-1

Result #1 1.0 mg/L Result #2 1.0 mg/L Range 0 mg/L

Reference Sample: Ricca Mercury STANDARD (1000ppm).

Source / ID No.	True Value	Acceptable Range	Result
QCEM 9925	200ppb	162-236ppb	223ppb

Spiked Sample Recovery: Sample Lab No.: C914423-2

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery
<0.00025 mg/L	3.0 mg/L	3.21 mg/L	107%

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SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Long Island Lighting Co.

Sample Lab Number(s): C914444 (1,3,5,6,7)

Date Sample(s) Received: 12-12-91

Date of Analysis: 12-13-91

Analyzed By: AnneMarie Cofe

Method: EPA 160.3 Gravimetric 103-105°C

Analyte: Total Suspended Solids

QC RESULTS

Laboratory Blank Result: 0.0006 mg/L

Duplicate Analysis: Sample Lab No.: C914424-1

Result No. 1 124 mg/L Result No. 2 111 mg/L Range Ø mg/L

Reference Sample:

Source & ID No.	True Value	Acceptable Range	Result
ERA 9933	39.4 mg/L	33-45 mg/L	38 mg/L

Spiked Sample Recovery: Sample Lab No.: N/A

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery

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SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Long Island Lighting Co

Sample Lab Number(s): C914444 (2, 5, 7)

Date Sample(s) Received: 12-12-91

Date of Analysis: 12-17-91

Analyzed By: Anna Marie Ufke

Method: EPA 335.2 ~~335.2~~ 335.3 Automated UV following Manual Distillation

Analyte: CN

QC RESULTS

Laboratory Blank Result: <0.02 mg/L

Spike Duplicate Analysis: Sample Lab No.: C914451-1

Result No. 1 0.11 mg/L Result No. 2 0.12 mg/L Range Ø mg/L

Reference Sample:

ID No.	True Value	Acceptable Range	Result
CN 0.2 Distilled standard	0.25 mg/L	0.16 - 0.29 mg/L	0.20 mg/L

Spiked Sample Recovery: Sample Lab No.: C914451-1

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery
<0.02 mg/L	0.10 mg/L	0.11 mg/L	110%

summaryqc

R.L.

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SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Long Island Lighting Co.

Sample Lab Number(s): C914444-1 - 3-5-6-7

Date Sample(s) Received: 12-12-91

Date of Analysis: 12-27-91

Analyzed By: M. A. ESTEVEZ

Method: EPA 415.1

Analyte: TOTAL ORGANIC CARBON

QC RESULTS

Laboratory Blank Result: <1 mg/L

Duplicate Analysis: Sample Lab No.: C914444-7

Result No. 1 2 mg/L Result No. 2 2 mg/L Range 0 mg/L

Reference Sample: ENVIRONMENTAL DEVICE ASSOCIATES

Source & ID No.	True Value	Acceptable Range	Result
#9927	25mg/L	20-30 mg/L	26.5 mg/L

Spiked Sample Recovery: Sample Lab No.: C914447-6

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery
4ppm	20ppm	21ppm	85%

summaryqc

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SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Long Island Lighting Company

Sample Lab Number(s): c914444 (1-8)

Date Sample(s) Received: 12-12-91

Date of Analysis: 12-19-91

Analyzed By: M Nelson

Method: EPA 413.2

Analyte: Oil and Grease

QC RESULTS

Laboratory Blank Result: <0.4 mg/L

Duplicate Analysis: Sample Lab No.: c914508-3

Result No. 1 0.4 mg/L Result No. 2 0.5 mg/L Range 0.1 mg/L

Reference Sample:

Source & ID No.	True Value	Acceptable Range	Result
Ecotest 3-19-90	4.9 mg/L	3.43-6.37 mg/L	5.3 mg/L

Spiked Sample Recovery: Sample Lab No.: c914424-3

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery
5 mg/L	10 mg/L	15 mg/L	100%

summaryqc

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SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Long Island Lighting Company

Sample Lab Number(s): C914444-1, -3, -5, -7

Date Sample(s) Received: 12/12/91

Date of Analysis: 12/17/91

Analyzed By: TM

Method: Ascorbic Acid EPA 365.3

Analyte: Phosphates

QC RESULTS

Laboratory Blank Result: <0.02 mg/L

Duplicate Analysis: Sample Lab No.: C914463-2

Result No. 1 0.38 mg/L Result No. 2 0.37 mg/L Range 0.01 mg/L

Reference Sample: Water Pollution Study Number WP026

Source & ID No.	True Value	Acceptable Range	Result
WP026-4	1.8 mg/L	1.38 - 2.13 mg/L	1.65 mg/L

Spiked Sample Recovery: Sample Lab No.: C914444-1

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery
0.08 mg/L	0.2 mg/L	0.23 mg/L	75

summaryqc

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SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Long Island Lighting Co.

Sample Lab Number(s): C914444-1,3,5,6,7

Date Sample(s) Received: 12/12/91

Date of Analysis: 12/19/91

Analyzed By: K.S

Method: E.P.A. 351.2/351.3 Block Digester/Titrimetric

Analyte: TKN

QC RESULTS

Laboratory Blank Result: 0.1 mg/l

Duplicate Analysis: Sample Lab No.: C914447-3

Result No. 1 0.8 mg/l Result No. 2 0.8 mg/l Range 0 mg/L

Reference Sample:

Source & ID No.	True Value	Acceptable Range	Result
TKN, Stock solution standard Ricca cat # 627 Lot # H244	5.0 mg/l	5.6 mg/l - 4.6 mg/l	4.8 mg/l

Spiked Sample Recovery: Sample Lab No.: C91444-1

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery
<0.2 mg/l	4.3 mg/l	4.0 mg/l	93%

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SUMMARY OF QUALITY CONTROL RESULTS

Client Name: LILCO

Sample Lab Number(s): C91444/1 - C91444/7

Date Sample(s) Received: 12/12/91

Date of Analysis: 12/18/91

Analyzed By: CHERYL DUNMORE

Method: EPA - 375.4 Turbidimetric

Analyte: SULFATE

QC RESULTS

Laboratory Blank Result: < 5 mg/L

Duplicate Analysis: Sample Lab No.: C91444/1

Result No. 1 2050 mg/L Result No. 2 2050 mg/L Range 0 mg/L

Reference Sample:

Source & ID No.	True Value	Acceptable Range	Result
EPA 1290	20.0 mg/L	16.9 - 22.6 mg/L	20.5 mg/L

Spiked Sample Recovery: Sample Lab No.: C91447/6

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery
5 mg/L	10 mg/L	14 mg/L	90%

summaryqc

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SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Long Island Lighting Company

Sample Lab Number(s): C914444-1, 3, 5, 6, 7

Date Sample(s) Received: 12/12/91

Date of Analysis: 12/13/91

Analyzed By: TM

Method: Ammonia Probe Method EPA ~~350~~ 350.3

Analyte: NH_3

QC RESULTS

Laboratory Blank Result: < 0.05 mg/L

Duplicate Analysis: Sample Lab No.: C914444-7

Result #1 0.080 mg/L Result #2 0.085 mg/L Range 0.005 mg/L

Reference Sample:

Source & ID No.	True Value	Acceptable Range	Result
WP026-2 x 5	1.68 mg/L	1.32 - 2.04 mg/L	1.53 mg/L

Spiked Sample Recovery: Sample Lab No.: C914444-1

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery
0.18 mg/L	0.2 mg/L	0.34 mg/L	80

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SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Long Island Lighting Co.

Sample Lab Number(s): C914463 (1,2)

Date Sample(s) Received: 12-13-91

Date of Analysis: 12-18-91

Analyzed By: Annmarie Volpe

Method: Gravimetric 103-105°C EPA 160.2

Analyte: Total Suspended Solids

QC RESULTS

Laboratory Blank Result: <10 mg/L

Duplicate Analysis: Sample Lab No.: C914461-1

Result No. 1 13 mg/L Result No. 2 <10 mg/L Range ~~0 mg/L~~ 3 mg/L

Reference Sample:

Source & ID No.	True Value	Acceptable Range	Result
EPA 9938	39.4 mg/L	33-45 mg/L	36 mg/L

Spiked Sample Recovery: Sample Lab No.: N/A

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery

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SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Long Island Lighting Co.

Sample Lab Number(s): C914463-2

Date Sample(s) Received: 12-13-91

Date of Analysis: 12-17-91

Analyzed By: Anna Marie Cofx

Method: EPA 335.2 Manual Distillation followed by Automated UV

Analyte: CN

QC RESULTS

Laboratory Blank Result: <0.02 mg/L

Spike Duplicate Analysis: Sample Lab No.: C914451

Result No. 1 0.11 mg/L Result No. 2 0.12 mg/L Range 0.01 mg/L

Reference Sample:

Source & ID No.	True Value	Acceptable Range	Result
CN 0.25 Distilled Standard	0.25 mg/L	0.16-0.29 mg/L	0.20 mg/L

Spiked Sample Recovery: Sample Lab No.: C914451

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery
<0.02 mg/L	0.10 mg/L	0.11 mg/L	110%

summaryqc

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SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Long Island Lighting Company

Sample Lab Number(s): C914463(1,2)

Date Sample(s) Received: 12-13-91

Date of Analysis: 12-17-91

Analyzed By: M. Nelson

Method: EPA 353.2 Auto. Cadmium Reduction

Analyte: Nitrate-Nitrogen

QC RESULTS

Laboratory Blank Result: <0.5 mg/L

Duplicate Analysis: Sample Lab No.: C91444-1

Result No. 1 <0.5 mg/L Result No. 2 <0.5 mg/L Range 0 mg/L

Reference Sample:

Source & ID No.	True Value	Acceptable Range	Result
WP284 #3	0.14 mg/L	0.18 - 0.10 mg/L	0.10 mg/L

Spiked Sample Recovery: Sample Lab No.: C914470-1

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery
0.6 mg/L	2.0 mg/L	2.4 mg/L	90%

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SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Long Island Lighting Co.

Sample Lab Number(s): C914463-P-2

Date Sample(s) Received: 12-13-91

Date of Analysis: 12-27-91

Analyzed By: M. D. ESTEVEZ

Method: EPA 415.1

Analyte: TOTAL ORGANIC CARBON

QC RESULTS

Laboratory Blank Result: <1 mg/L

Duplicate Analysis: Sample Lab No.: C914447-5

Result No. 1 3 mg/L Result No. 2 3mg/L Range 0 mg/L

Reference Sample: ENVIRONMENTAL RESOURCE ASSOCIATES

Source & ID No.	True Value	Acceptable Range	Result
#9927	25mg/L	20-30mg/L	26.5 mg/L

Spiked Sample Recovery: Sample Lab No.: C914447-6

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery
4ppm	20ppm	21ppm	85%

Summaryqc

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SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Long Island Lighting Company

Sample Lab Number(s): C914463(1,2)

Date Sample(s) Received: 12-13-91

Date of Analysis: 12-27-91

Analyzed By: M. Nelson

Method: EPA 413.2

Analyte: Oil and Grease

QC RESULTS

Laboratory Blank Result: <0.4 mg/L

Duplicate Analysis: Sample Lab No.: C914501-1

Result No. 1 96mg/L Result No. 2 109mg/L Range 13mg/L

Reference Sample:

Source & ID No.	True Value	Acceptable Range	Result
Ecotest 3-14-90	4.9 mg/L	6.37-3.43 mg/L	5.1 mg/L

Spiked Sample Recovery: Sample Lab No.: C914580-3

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery
3mg/L	10mg/L	15mg/L	120%

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ENVIRONMENTAL TESTING

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SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Long Island Lighting Co.

Sample Lab Number(s): C914463-1,2

Date Sample(s) Received: 12/13/91

Date of Analysis: 12/20/91

Analyzed By: K.S

Method: E.P.A. 351.2 Block Digestor followed by Distillation

Analyte: TKN

QC RESULTS

Laboratory Blank Result: 0.1 mg/l

Duplicate Analysis: Sample Lab No.: C914495-2

Result No. 1 1.6 mg/l Result No. 2 1.4 mg/l Range 0.2 mg/L

Reference Sample:

Source & ID No.	True Value	Acceptable Range	Result
TKN standard stock solution Ricca cat# 627 Lot # H244	5.0 mg/l	5.6 mg/l - 4.6 mg/l	5.0 mg/l

Spiked Sample Recovery: Sample Lab No.: C914456-2

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery
1.2 mg/l	4.3 mg/l	5.4 mg/l	98%

summaryqc

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Client Name: Long Island Lighting Co.
Sample Lab Number(s): c914463/1,2,3,4
Date Sample(s) Received: 12/13/91
Date of Analysis: 12/23/91
Analyzed By: J. Trecaro
Method: 624
Analyte: VOC

Surrogate Percent Recovery
Volatile Organics

Sample ID	1,2 Dichloroethane-d4	Toluene-d3	Bromofluorobenzene
c914463/2	91	110	128
c914463/3	94	107	111
c914463/4	97	103	104

jtqcvol

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377 SHEFFIELD AVENUE
N. BABYLON, NY 11703

SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Long Island Lighting Co.
Sample Lab Number(s): C914463/2,3,4
Date Sample(s) Received: 12/13/91
Date of Analysis: 12/23/91

Analyzed By: J. Turecamo
Method: 624
Analyte: VOC
Matrix: Water ✓ Soil ____

Units = ug/L (water) / ug/Kg (soil)

	Lab Blank	Duplicates Spikes Sample Lab # C914463/3			Reference Sample Sulpelco Cat. No.'s 488--				Spiked Sample Recovery Sample Lab # C914463/3			
		#1	#2	Range	488-- ID#	True Value	Accept. Range	Result	Unspiked	Conc. SP	Spiked	%R
Chloromethane	<1	19.5	18.7	0.8	53	10.0	D-27.3	14.4	<1	+20.0	19.5	98
Bromomethane	<1	21.4	18.7	2.7	53	10.0	D-24.2	8.6	<1	+20.0	21.4	107
Dichlorodifluoromethane	—	—	—	—	—	—	—	—	—	—	—	—
Vinyl Chloride	<1	19.5	18.9	0.6	53	10.0	D-25.1	13.2	<1	+20.0	19.5	98
Chloroethane	<1	20.2	19.2	1.0	53	10.0	1.4-23.0	2.3	<1	+20.0	20.2	101
Methylene Chloride	<1	19.1	18.6	0.5	51	10.0	D-22.1	9.7	<1	+20.0	19.1	96
Trichlorofluoromethane	<1	19.7	18.0	1.7	51	10.0	1.7-18.1	8.6	<1	+20.0	19.7	99
11 Dichloroethene	<1	20.1	19.6	0.5	51	10.0	D-23.4	10.0	<1	+20.0	20	101
11 Dichloroethane	<1	19.4	19.2	0.2	51	10.0	5.9-15.5	9.8	<1	+20.0	19.4	97
t-12 Dichloroethene	<1	18.7	18.4	0.3	52	10.0	5.4-15.6	10.3	<1	+20.0	18.7	94
Chloroform	<1	19.3	18.8	0.5	51	10.0	5.1-12.5	10.0	<1	+20.0	19.3	97
12 Dichloroethane	<1	19.7	18.8	0.9	52	10.0	4.9-15.5	10.0	<1	+20.0	19.7	99
111 Trichloroethane	<1	19.3	19.0	0.3	52	10.0	5.2-16.2	10.5	<1	+20.0	19.3	97
Carbon Tetrachloride	<1	19.1	18.8	0.3	51	10.0	6.0-14.0	9.0	<1	+20.0	19.1	96
Bromodichloromethane	<1	19.9	19.3	0.6	52	10.0	3.5-15.5	9.4	<1	+20.0	19.9	100
12 Dichloropropane	<1	19.6	19.0	0.6	51	10.0	D-21.0	10.0	<1	+20.0	19.6	98
t-13 Dichloropropene	<1	31.6	29.5	2.1	52	15.8	3.5-27.5	11.3	<1	+31.6	31.6	100
Trichloroethylene	<1	19.3	19.5	0.2	51	10.0	7.1-15.7	9.6	<1	+20.0	19.3	97
Chlorodibromomethane	<1	21.6	19.4	2.2	51	10.0	5.3-14.9	8.5	<1	+20.0	21.6	108
112 Trichloroethane	<1	20.6	19.0	1.8	51	10.0	5.2-15.0	9.5	<1	+20.0	20.8	104
C-13 Dichloropropene	<1	8.27	7.82	0.45	52	4.20	D-9.5	4.8	<1	+8.40	8.27	98
2 Chloroethylvinylether	<1	20.7	18.4	2.3	51	10.2	D-10.5	5.4	<1	+20.0	20.7	104
12 Dibromoethane	—	—	—	—	—	—	—	—	—	—	—	—
Bromoform	<1	20.2	19.8	0.4	52	10.0	4.5-16.9	8.3	<1	+20.0	20.2	101
1122 Tetrachloroethane	<1	20.4	17.4	3.0	52	10.0	1.0-15.7	9.8	<1	+20.0	20.4	102
Tetrachloroethene	<1	20.0	19.1	0.9	51	10.0	6.4-14.8	9.9	<1	+20.0	20.0	100
Chlorobenzene	<1	19.7	21.3	1.6	51	10.0	3.7-16.0	10.2	<1	+20.0	19.7	99
13 Dichlorobenzene	<1	19.3	12.4	6.9	75	10.0	5.4-15.6	9.6	<1	+20.0	19.3	96
12 Dichlorobenzene	<1	13.7	9.3	4.4	75	10.0	1.5-14.0	9.9	<1	+20.0	18.7	94
14 Dichlorobenzene	<1	19.0	12.0	7.0	52	10.0	1.8-19.0	7.5	<1	+20.0	19.0	95
Benzene	<1	18.9	18.7	0.2	52	10.0	3.7-15.1	10.3	<1	+20.0	18.9	95
Toluene	<1	21.2	20.5	0.7	52	10.0	5.7-16.0	13.3	<1	+20.0	21.2	106
Ethyl Benzene	<1	19.2	21.2	2.0	75	10.0	3.2-16.2	11.4	<1	+20.0	19.2	96
m,p-Xylene	<1	19.8	21.0	1.2	75	10.0	7.1-13.8	4.5	<1	+20.0	19.8	99
o-Xylene	<2	39.8	42.9	3.1	75+77	20.0	14.2-27.6	16.8	<2	+40.0	34.8	100
BP10												

R.L.

ECOTEST LABORATORIES, INC.
377 SHEFFIELD AVENUE
N. BABYLON, NY 11703

SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Long Island Lighting Co.
Sample Lab Number(s): c914463/2,3,4
Date Sample(s) Received: 12/13/91
Date of Analysis: 12/23/91

Analyzed By: J. Turecamo
Method: 624
Analyte: VOA
Matrix: Water ✓ Soil ____

Units = ug/L (water)
ug/Kg (soil)

	Duplicates Spikes Sample Lab # c914463/3				Reference Sample				Spiked Sample Recovery Sample Lab # c914463/3			
	Lab Blank	#1	#2	Range	ID#	True Value	Accept. Range	Result	Unspiked	Conc. SP	Spiked	%R
Vinyl Chloride												
Freon 113												
Methylene Chloride												
11 Dichloroethane												
12 Dichloroethene												
Chloroform												
111 Trichloroethane												
Carbon Tetrachloride												
12 Dichloroethane												
Trichloroethylene												
12 Dichloroepropane												
Bromodichloromethane												
Tetrachloroethene												
Chlorodibromomethane												
Bromoform												
Acrolein	<25	109	95	14	—	—	—	—	<25	+100	109	109
Acrylonitrile	<25	99	93	6	—	—	—	—	<25	+100	99	99

BP10

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SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Long Island Lighting Company

Sample Lab Number(s): C914463-2

Date Sample(s) Received: 12/13/91

Date of Analysis: 12/14/91

Analyzed By: JM

Method: Cold Vapor CPA 645.1

Analyte: Mercury

QC RESULTS

Laboratory Blank Result: < 0.25 ppb

Duplicate Analysis: Sample Lab No.: C914447-8

Result No. 1 6.35 ppb Result No. 2 0.36 ppb Range 0.01 ppb

Reference Sample: KICCA Mercury Standard (1000ppm)

Source & ID No.	True Value	Acceptable Range	Result
Lot #9925/QC02450	200 ppb	162 - 236 ppb	209.0 ppb

Spiked Sample Recovery: Sample Lab No.: C914450

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery
0.00 ppb	3.6 ppb	3.40 ppb	113

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SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Long Island Lighting

Sample Lab Number(s): 914463/2

Date Sample(s) Received: 12-13-91

Date of Analysis: 12-20-91

Analyzed G.S

Method: AA Flame EPA220.1

Analyte: Cu

QC RESULTS

Laboratory Blank Result: < 0.02 mg/L

Duplicate Analysis: Sample Lab No.: 914566

Result No. 1 0.139 mg/L Result No. 2 0.140 mg/L Range 0.001 mg/L

Reference Sample:

Source & ID No.	True Value	Acceptable Range	Result
EM 3000901	0.35 mg/L	0.32 - .38 mg/L	0.36 mg/L

Spiked Sample Recovery: Sample Lab No.: 914568-1

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery
0.11 mg/L	0.5 mg/L	0.65 mg/L	106

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SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Long Island Lighting

Sample Lab Number(s): C914463-2

Date Sample(s) Received: 12-13-91

Date of Analysis: 12-18-91

Analyzed By: T.D.

Method: A.A Flame EPA 252.1

Analyte: N.

QC RESULTS

Laboratory Blank Result: <0.10 mg/L

Duplicate Analysis: Sample Lab No.: C914444-1

Result No. 1 0.15 mg/L Result No. 2 0.16 mg/L Range 0.01 mg/L

Reference Sample:

Source & ID No.	True Value	Acceptable Range	Result
EM 9116	0.62 mg/L	0.54 - 0.69 mg/L	0.63 mg/L

Spiked Sample Recovery: Sample Lab No.: C914477-2

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery
<0.10 mg/L	1.0 mg/L	0.94 mg/L	94

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SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Long Island Lighting

Sample Lab Number(s): C914463-2

Date Sample(s) Received: 12-13-91

Date of Analysis: 12-18-91

Analyzed By: G.S.

Method: A.A. Flame Eff; 243.1

Analyte: Mn

QC RESULTS

Laboratory Blank Result: <0.02 mg/L

Duplicate Analysis. Sample Lab No.: C914447-7

Result No. 1 0.096 mg/L Result No. 2 0.094 mg/L Range 0.002 mg/L

Reference Sample:

Source & ID No.	True Value	Acceptable Range	Result
EM 9019	0.55 mg/L	0.45-0.59 mg/L	0.56 mg/L

Spiked Sample Recovery: Sample Lab No.: C914447-7

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery
0.096 mg/L	0.50 mg/L	0.68 mg/L	115

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SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Long Island Lighting

Sample Lab Number(s): C914463-2

Date Sample(s) Received: 12-13-91

Date of Analysis: 12-19-91

Analyzed By: G.S.

Method: A.A. Flame - EPA 236.1

Analyte: Iron

QC RESULTS

Laboratory Blank Result: < 0.05 mg/L

Duplicate Analysis: Sample Lab No.: C914480-1 TCLP SPIKE

Result No. 1 0.17 mg/L Result No. 2 0.17 mg/L Range 0 mg/L

Reference Sample:

Source & ID No.	True Value	Acceptable Range	Result
EM 9346	0.45 mg/L	0.40 - 0.51 mg/L	0.45 mg/L

Spiked Sample Recovery: Sample Lab No.: C914480-1 TCLP

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery
0.05 mg/L	0.10 mg/L	0.17 mg/L	113

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SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Long Island Lighting

Sample Lab Number(s): C914463-2

Date Sample(s) Received: 12-13-91

Date of Analysis: 12-19-91

Analyzed By: G.S.

Method: A.A. Flame EPA 218.1

Analyte: Cr

QC RESULTS

Laboratory Blank Result: <0.02 mg/L

Duplicate Analysis: Sample Lab No.: C914451-2

Result No. 1 0.519 mg/L Result No. 2 0.528 mg/L Range 0.009 mg/L

Reference Sample:

Source & ID No.	True Value	Acceptable Range	Result
EM 9340	0.40 mg/L	0.308-0.478 mg/L	0.404 mg/L

Spiked Sample Recovery: Sample Lab No.: C914450-1

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery
0.02 mg/L	0.40 mg/L	0.45 mg/L	107

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SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Long Island Lighting

Sample Lab Number(s): C914463-2

Date Sample(s) Received: 12-13-91

Date of Analysis: 12-17-91

Analyzed By: J.P.

Method: Graphite furnace EPA 283.1

Analyte: Thallium

QC RESULTS

Laboratory Blank Result: < 0.01 mg/L

Duplicate Analysis: Sample Lab No.: C914365-1

Result No. 1 0.010 mg/L Result No. 2 0.007 mg/L Range 0.003 mg/L

Reference Sample:

Source & ID No.	True Value	Acceptable Range	Result
WP 790	0.016 mg/L	0.009 - 0.021 mg/L	0.014 mg/L

Spiked Sample Recovery: Sample Lab No.: C914365-1

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery
0.01 mg/L	0.01 mg/L	0.018 mg/L	90%

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SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Long Island Lighting Company

Sample Lab Number(s): C914463-2

Date Sample(s) Received: 12/13/91

Date of Analysis: 12/20/91

Analyzed By: TM

Method: Graphite Furnace EPA 239.1

Analyte: Lead

QC RESULTS

Laboratory Blank Result: < 0.005 mg/L

Duplicate Analysis: Sample Lab No.: C914444-7

Result No. 1 0.020 mg/L Result No. 2 0.020 mg/L Range 0 mg/L

Reference Sample: EM Science Lead Standard (1000 ppm)

Source & ID No.	True Value	Acceptable Range	Result
Lot #9167 / QC EM	0.025 mg/L	0.021 - 0.032 mg/L	0.027 mg/L

Spiked Sample Recovery: Sample Lab No.: C914437-2

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery
0.011 mg/L	0.01 mg/L	0.024 mg/L	130%

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SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Long Island Lighting Company

Sample Lab Number(s): C914463-2

Date Sample(s) Received: 12-12-91

Date of Analysis: 12-17-91

Analyzed By: TM

Method: Ascorbic Acid. CAM 365.3

Analyte: Total Phosphates

QC RESULTS

Laboratory Blank Result: < 0.02 mg/L

Duplicate Analysis: Sample Lab No.: C914463-2

Result No. 1 0.38 mg/L Result No. 2 0.37 mg/L Range 0.01 mg/L

Reference Sample:

Source & ID No.	True Value	Acceptable Range	Result
WP026-4	1.80 mg/L	1.38 - 2.13 mg/L	1.65 mg/L

Spiked Sample Recovery: Sample Lab No.: C914444-1

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery
0.05 mg/L	0.2 mg/L	0.23 mg/L	75%

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SUMMARY OF QUALITY CONTROL RESULTS

Client Name: CLICO

Sample Lab Number(s): C914463/2

Date Sample(s) Received: 12/13/91

Date of Analysis: 12/18/91

Analyzed By: CHERYL DUNMORE

Method: EPA 375.4 Turbidimetric

Analyte: SULFATE

QC RESULTS

Laboratory Blank Result: <5 mg/L

Duplicate Analysis: Sample Lab No.: C914444/1

Result No. 1 2050 mg/L Result No. 2 2050 mg/L Range 0 mg/L

Reference Sample:

Source & ID No.	True Value	Acceptable Range	Result
EPA 1290	20 mg/L	16.9 – 22.6 mg/L	20.5 mg/L

Spiked Sample Recovery: Sample Lab No.: C914447/6

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery
5 mg/L	10 mg/L	14 mg/L	90%

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SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Long Island Lighting Co

Sample Lab Number(s): C914463-2

Date Sample(s) Received: 12-13-91.

Date of Analysis: 12-20-91

Analyzed By: Anna Marie Vojta

Method: EPA 410.4 Colorimetric

Analyte: COD

QC RESULTS

Laboratory Blank Result: <40 mg/L

Duplicate Analysis: Sample Lab No.: C914528-2

Result No. 1 5400 mg/L Result No. 2 5200 mg/L Range 200 mg/L

Reference Sample:

Source & ID No.	True Value	Acceptable Range	Result
ERA 9927	650 mg/L	540 - 760 mg/L	640 mg/L

Spiked Sample Recovery: Sample Lab No.: C91490-1

Unspiked Result	Conc. Spike Added	Spike Result	% Recovery
300 mg/L	200 mg/L	460 mg/L	80%

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SUMMARY OF QUALITY CONTROL RESULTS

Client Name: LILCO

Sample Lab Number(s): C914463/1-2

Date Sample(s) Received: 12/13/91

Date of Analysis: 12/13/91

Analyzed By: J/C

Method: Ion Selective Electrode EPA 350.3

Analyte: Ammonia

QC RESULTS

Laboratory Blank Result: 0.05 mg/L

Duplicate Analysis: Sample Lab No.: C914463/1

Result No. 1 0.23mg/L Result No. 2 0.22 mg/L Range 0.01 mg/L

Reference Sample:

Source & ID No.	True Value	Acceptable Range	Result
Resource Ref. 1400 mg/L 1.4 = 11244	1.4 mg/L	1.4 ± 0.3	1.4 mg/L

Spiked Sample Recovery: Sample Lab No.: C914463/1

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery
0.22 mg/L	0.10 mg/L	0.30 mg/L	80%

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SUMMARY OF QUALITY CONTROL RESULTS

Client Name: G-L-C-C

Sample Lab Number(s): C91446 3/2

Date Sample(s) Received: 12/13/91

Date of Analysis: 12/13/91

Analyzed By: NC

Method: DO Meter ~~Continuity~~ EPA 405.1

Analyte: BOD

QC RESULTS

Laboratory Blank Result: <0.1 mg/L

Duplicate Analysis: Sample Lab No.: C91446 3/2

Result No. 1 6 mg/L Result No. 2 5 mg/L Range 1 mg/L

Reference Sample:

Source & ID No.	True Value	Acceptable Range	Result
GGA	200 mg/L	200 ± 37 mg/L	182.5 mg/L

Spiked Sample Recovery: Sample Lab No.: N/A

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery

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SUMMARY OF QUALITY CONTROL RESULTS

Client Name: LLCO

Sample Lab Number(s): C 914463/2

Date Sample(s) Received: 12/13/91

Date of Analysis: 12/27/91

Analyzed By: NC

Method: Chloroform extraction

Analyte: Phenol

QC RESULTS

Laboratory Blank Result: ~~<0.001~~ <0.001 mg/L

Duplicate Analysis: Sample Lab No.: C 914571

Result No. 1 ~~0.045 mg/L~~ Result No. 2 ~~0.052 mg/L~~ Range ~~± 0.007 mg/L~~

Reference Sample:

Source & ID No.	True Value	Acceptable Range	Result
EPA Phenol / WP179 Conc C	~~0.036~~ mg/L	~~0.036 ± 0.005 mg/L~~	~~0.035~~ mg/L

Spiked Sample Recovery: Sample Lab No.: C 914569

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery
~~0.006 mg/L~~	~~0.03 mg/L~~ 0.03 mg/L	0.036 ~~0.03 mg/L~~	100% ~~95%~~

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SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Long Island Lighting Company

Sample Lab Number(s): C914463-2

Date Sample(s) Received: 12/13/91

Date of Analysis: 12/23/91

Analyzed By: TM

Method: Graphite Furnace EPA 213.2

Analyte: Cadmium

QC RESULTS

Laboratory Blank Result: <0.001 mg/L

Duplicate Analysis: Sample Lab No.: EM Science - QC EM for Cadmium.

Result No. 1 0.0023 mg/L Result No. 2 0.0029 mg/L Range 0.0004 mg/L

Reference Sample: EM Science Standard - Cadmium.

Source & ID No.	True Value	Acceptable Range	Result
Lot# 9285 / QC EM	0.0025 mg/L	0.0025 - 0.0033 mg/L	0.0033 mg/L

Spiked Sample Recovery: Sample Lab No.: C914463-2

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery
0.0006 mg/L	0.001 mg/L	0.0016 mg/L	100

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SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Long Island Lighting

Sample Lab Number(s): C7144-32

Date Sample(s) Received: 1-3-91

Date of Analysis:

Analyzed By:

Method: EPA 289.1

Analyte: Zinc

QC RESULTS

Laboratory Blank Result: .22 mg/L

Duplicate Analysis: Sample Lab No.: C7144-30-1

Result No. 1 1.05 mg/L Result No. 2 1.05 mg/L Range .0 mg/L

Reference Sample:

Source & ID No.	True Value	Acceptable Range	Result
EM 3006701	0.55 mg/L	0515-.618 mg/L	0.57 mg/L

Spiked Sample Recovery: Sample Lab No.: C7144-79-1

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery
1.02 mg/L	2.4 mg/L	3.05 mg/L	107

summaryqc

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SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Long Island Lighting

Sample Lab Number(s): C9144463-2

Date Sample(s) Received: 12/12/91

Date of Analysis: 12/20/91

Analyzed By: J. Posanti

Method: Graphite Furnace EPA 272.2

Analyte: Ag

Laboratory Blank Result: ~~0 mg/L~~ <0.001 mg/L

Duplicate Analysis: Sample Lab No.: C9144144-7

Result No. 1 <0.001 Result No. 2 <0.001 Range ~~0~~ mg/L

Reference Sample:

Source & ID No.	True Value	Acceptable Range	Result
WP790	0.0016 mg/L	0.001-0.0021 mg/L	0.0014 mg/L

Spiked Sample Recovery: Sample Lab No.: C9144447

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery
<0.001 mg/L	0.001 mg/L	0.0013 mg/L	~~130%~~ 130%

summaryqc

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SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Long Island Lighting

Sample Lab Number(s): C9144G7-2

Date Sample(s) Received: 12/12/91

Date of Analysis: 12/18/91

Analyzed By: J. Posanti

Method: Graphite Furnace

Analyte: Sb

QC RESULTS

Laboratory Blank Result: ~~0~~ <0.005 mg/L

Duplicate Analysis: Sample Lab No.: C9144S1-1

Result #1 <0.005 mg/L Result #2 <0.005 mg/L Range 0 mg/L

Reference Sample:

Source & ID No.	True Value	Acceptable Range	Result
WP790	0.034 mg/L	0.026 - 041 mg/L	0.034 mg/L

Spiked Sample Recovery: Sample Lab No.: C9144S1-1

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery
<0.005 mg/L	0.02 mg/L	0.02 mg/L	100%

BP10

K.L.

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SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Long Island Lighting Co.

Sample Lab Number(s): C914463-2

Date Sample(s) Received: 12-13-91

Date of Analysis: 12-23-91

Analyzed By: R.L.

Method: ICP, EPA 200.7

Analyte: Magnesium

QC RESULTS

Laboratory Blank Result: < 0.05 mg/L

Duplicate Analysis: Sample Lab No.: C914432

Result No. 1 0.11 mg/L Result No. 2 0.13 mg/L Range 0.02 mg/L

Reference Sample: Environmental Resource Associates

Source & ID No.	True Value	Acceptable Range	Result
Lot # 9923 Hard/Min QC	5.0 mg/L	4.2-5.1 mg/L	4.5 mg/L

Spiked Sample Recovery: Sample Lab No.: C914432

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery
0.11 mg/L	2.5 mg/L	3.0 mg/L	116

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SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Long Island Lighting Co.

Sample Lab Number(s): C914463-2

Date Sample(s) Received: 12-13-91

Date of Analysis: 12-23-91.

Analyzed By: R.L.

Method: ICP EPA200.7

Analyte: Beryllium

QC RESULTS

Laboratory Blank Result: <0.001 mg/L

Duplicate Analysis: Sample Lab No.: C914451-1

Result No. 1 0.019 mg/L Result No. 2 0.017 mg/L Range 0.002 mg/L

Reference Sample:

Source & ID No.	True Value	Acceptable Range	Result
TM 9938 ÷2	0.19 mg/L	0.16-0.23 mg/L	0.18 mg/L

Spiked Sample Recovery: Sample Lab No.: C914451-1

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery
0.019 mg/L	0.05 mg/L	0.071 mg/L	104

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SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Liteco

Sample Lab Number(s): C914463-2

Date Sample(s) Received: 12/13/91

Date of Analysis: 12/20/91

Analyzed By: Tony D.

Method: Hydride Generation EPA 270.3

Analyte: Selenium

QC RESULTS

Laboratory Blank Result: <0.002 mg/L

Duplicate Analysis: Sample Lab No.: C914444-1

Result No. 1 0.0039 mg/L Result No. 2 0.0039 mg/L Range 0.000 mg/L

Reference Sample:

Source & ID No.	True Value	Acceptable Range	Result
50 EM Science Lot # 9199	0.050 mg/L	0.037 mg/L - 0.062 mg/L	0.047 mg/L

Spiked Sample Recovery: Sample Lab No.: C914444-1

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery
0.0039 mg/L	0.012 mg/L	0.0115 mg/L	96%

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SUMMARY OF QUALITY CONTROL RESULTS

Client Name: LILCO

Sample Lab Number(s): C914463-2

Date Sample(s) Received: 12/13/91

Date of Analysis: 12/19/91

Analyzed By: TONY D

Method: Hydride Generation EPA 206.3

Analyte: Arsenic

QC RESULTS

Laboratory Blank Result: <0.002 mg/L

Duplicate Analysis: Sample Lab No.: C914444-1

Result No. 1 0.0005 mg/L Result No. 2 0.0007 mg/L Range 0.0002 mg/L

Reference Sample:

Source & ID No.	True Value	Acceptable Range	Result
SOEM Assure Lot # 9319	0.050 mg/L	0.037 mg/L - 0.053 mg/L	0.047 mg/L

Spiked Sample Recovery: Sample Lab No.: C914444-1

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery
0.0005 mg/L	0.012 mg/L	0.0106 mg/L	85%

summaryqc

RL.

OTEST LABORATORIES, INC.
7 SHEFFIELD AVENUE
BABYLON, NY 11703

SUMMARY OF QUALITY CONTROL RESULTS

ient Name: L11CO
mple Lab Number(s): C9144 63/2,3
te Sample(s) Received: 12/13/91
te of Analysis: 1/9/92 - 1/10/92

Analyzed By: Nicholas Apostolico
Method: 625 (8270)
Analyte: Base Neutral, Acid Extractable
Matrix: Water ✓ Soil ____

te = ug/L (water)
ug/Kg (soil)

	Lab Blank	Duplicates Sampl. Lab# MS-MSD #1	#2	Range	Reference Sample Chemservice Reference Standards ID#	True Value	Accept. Range	Result	Spiked Sample Recovery Sample Lab # MS Unspiked	Conc. SP	Spiked	%R
nol	<1	41	27	14		100	79-121	110	<1	100	41	41
(2-chlorethyl)et	<1	51	75	24		50	41-59	59	<1	50	51	102
hlorophenol	<1	60	46	14		100	75-125	101	<1	100	60	60
Dichlorobenzene	<1	20	18	2		50	44-56	49	<1	50	20	40
Dichlorobenzene	<1	20	18	2		50	41-59	48	<1	50	20	40
zyl Alcohol	<5	23	24	1		50	-	-	<5	50	23	46
Dichlorobenzene	<1	21	20	1		50	43-57	49	<1	50	21	42
ethyl Phenol	<1	77	66	11		50	-	-	<1	100	77	77
(2-chloroisopropy	<1	25	33	8		50	40-60	57	<1	50	25	50
lethyl Phenol	<1	79	67	12		50	-	-	<1	100	79	79
itrosodi-n-propyl	<1	27	35	8		50	39-61	55	<1	50	27	54
achloroethane	<1	16	14	2		50	43-57	47	<1	50	16	32
robenzene	<1	28	32	4		50	36-64	47	<1	50	28	56
phorone	<1	30	37	7		50	39-61	47	<1	50	30	60
itrophenol	<1	58	53	5		100	92-108	70	<1	100	58	58
-Dimethylphenol	<1	68	53	15		100	87-113	101	<1	100	68	68
zoic Acid	<10	15	10	5		50	-	-	<1	50	15	30
(2-chloroethoxy)m	<1	32	40	8		50	31-69	54	<1	50	32	64
Dichlorophenol	<1	63	53	10		100	89-109	86	<1	100	63	63
Trichlorobenzene	<1	24	19	5		50	43-57	53	<1	50	24	48
thalene	<1	32	29	3		50	41-59	50	<1	50	32	64
loroaniline	<1	-	-	-		50	-	-	-	50	-	-
chlorobutadiene	<1	21	14	7		50	43-57	54	<1	50	21	42
loro-3-methyiphe	<1	67	51	16		100	89-111	86	<1	100	67	67
thyl-3-naphthalene	<1	35	15	20		50	-	-	<1	50	35	70
chlorocyclopenta	<100	-	-	-		50	44-56	-	-	50	-	-
6-Trichloropheno	<1	73	61	12		100	90-110	93	<1	100	73	73
5-Trichloropheno	<1	97	86	11		50	-		<1	100	97	97
loronaphthalene	<1	30	22	8		50	43-57	43	<1	50	30	60

ECOTEST LABORATORIES, INC.
377 SHEFFIELD AVENUE
N. BABYLON, NY 11703

SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Lilco
Sample Lab Number(s): C914463/2,3
Date Sample(s) Received: 12/13/92
Date of Analysis: 1/9/92 + 1/10/92

Analyzed By: Nicholas Apostolica
Method: 625 (8270)
Analyte: Basic Neutral + Acid Extractables
Matrix: Water ✓ Soil ____

Units = ug/L (water), ug/Kg (soil)

	Lab Blank	Duplicates Sample Lab# MS-MSD			Reference Sample Chemservice Reference Standards				Spiked Sample Recovery Sample Lab # MS			
		#1	#2	Range	ID#	True Value	Accept. Range	Result	Unspiked	Conc. SP	Spiked	%R
2 Nitroaniline	<1	46	28	18		50	-	-	<1	50	46	92
Dimethyl Phthalate	<1	19	2	17		50	41-59	55	<1	50	19	38
Acenaphthylene	<1	39	35	4		50	44-56	51	<1	50	39	78
2,6-Dinitrotoluene	<1	38	39	1		50	43-57	49	<1	50	38	76
3 Nitroaniline	<1	64	44	20		50	-	-	<1	50	64	128
Acenaphthene	<1	39	33	6		50	43-57	51	<1	50	39	78
2,4-Dinitrophenol	<1	71	65	6		100	72-128	221	<1	100	71	71
4-Nitrophenol	<10	39	38	1		100	92-108	61	<10	100	39	39
Dibenzofuran	<1	18	16	2		50	-	-	<1	50	18	36
2,4-Dinitrotoluene	<1	38	36	2		50	41-59	51	<1	50	38	76
Diethyl Phthalate	<1	37	6	31		50	43-57	53	<1	50	37	74
4-Chlorophenyl pheny	<1	43	36	7		50	47-53	57	<1	50	43	86
Fluorene	<1	43	35	8		50	45-55	52	<1	50	43	86
4-Nitroaniline	<1	29	31	2		50	-	-	<1	50	29	58
2-Methyl-4,6-dinitro	<5	22	48	26		100	82-118	11	<5	100	22	22
N-Nitrosodiphenylami	<1	46	43	3		50	42-58	48	<1	50	46	92
-Bromophenyl phenyl	<1	43	34	9		50	45-55	62	<1	50	43	86
exachlorobenzene	<1	42	23	19		50	44-56	57	<1	50	42	84
entachlorophenol	<50	-	-	-		100	82-118	36	<50	100	-	-
henanthrene	<1	47	29	18		50	44-56	51	<1	50	47	94
nthracene	<1	44	30	14		50	44-56	43	<1	50	44	88
i-n-Butyl Phthalate	<1	47	22	25		50	37-63	50	<1	50	47	94
luoranthene	<1	47	29	18		50	45-55	54	<1	50	47	94
yrene	<1	45	27	18		50	44-56	49	<1	50	45	90
enzylButylPhthalate	<1	40	17	23		50	39-61	49	<1	50	40	80
,3'-Dichlorobenzidi	<50	53	50	3		50	14-86	-	<50	50	53	106
enzo(a)anthracene	<1	49	28	21		50	43-57	54	<1	50	49	98
hrysene	<1	48	28	20		50	43-57	55	<1	50	48	96
is(2-ethylhexyl)pht	<1	45	31	14		50	34-66	47	<1	50	45	90
-n-octyl Phthalate	<1	40	15	25		50	34-66	50	<1	50	40	80

ECOTEST LABORATORIES, INC.
377 SHEFFIELD AVENUE
N. BABYLON, NY 11703

SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Lilco
Sample Lab Number(s): C9:4463/23
Date Sample(s) Received: 12/13/91
Date of Analysis: 1/9/92 - 1/10/92

Analyzed By: Nicholas Apostolico
Method: 625 (8270)
Analyte: Base Neutrals + Acid Extractables
Matrix: Water ✓ Soil ____

Units = ug/L (water)
ug/Kg (soil)

	Lab Blank	Duplicates Sample Lab # MS-MSD			Reference Sample Chemservice Reference Standards				Spiked Sample Recovery Sample Lab # MS			
		#1	#2	Range	ID#	True Value	Accept. Range	Result	Unspiked	Conc. SP	Spiked	IR
Benzo(b+k)fluoranthene	<1	67	44	23		100	52-148	100	<1	100	67	67
Benzo(a)pyrene	<1	42	24	18		50	45-55	28	<1	50	42	84
Indeno(1,2,3-cd)pyre	<1	36	28	8		50	39-61	64	<1	50	36	72
Dibenzo(a,h)anthrace	<1	41	27	14		50	40-60	58	<1	50	41	82
Benzo(ghi)perylene	<1	51	28	23		50	40-60	64	<1	50	51	102

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ENVIRONMENTAL TESTING

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Client Name: L.lco
Sample Lab Number(s): C914463/2,3
Date Sample(s) Received: 12/13/91
Date of Analysis: 1/10/92
Analyzed By: Nicholas Apostolico
Method: EPA 625
Analyte: Acid Extractables

Surrogate Percent Recovery
Acid Extractables

Sample ID	2-Fluorophenol	Phenol-d6	2,4,6-Tribromophenol.
C914463/2	43	41	108
C914463/3	26	27	66

bplate

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ENVIRONMENTAL TESTING
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Client Name: L.ILO
Sample Lab Number(s): C914463/2,3
Date Sample(s) Received: 12/13/91
Date of Analysis: 1/9/92
Analyzed By: Nicholas Apositolico
Method: EPA 625
Analyte: Base Neutral Extractables

Surrogate Percent Recovery
Base/Neutral Extractables

Sample ID	Nitrobenzene-d5	2-Fluorobiphenyl	4-Terphenyl-d14
C914463/2	69	83	68
C914463/3	66	92	70

bplate

R.L.

ECOTEST LABORATORIES, INC.
377 SHEFFIELD AVENUE
N. BABYLON, NY 11703

SUMMARY OF QUALITY CONTROL RESULTS

Client Name: LILCO
Sample Lab Number(s): C914463/213
Date Sample(s) Received: 12/13/91
Date of Analysis: 1/9/92 - 1/10/92

Analyzed By: Nicholas Apostolico
Method: 625 (8270)
Analyte: Base Neutral, Acid Extractables
Matrix: Water ✓ Soil ____

Units = ug/L (water) ug/Kg (soil)

	Lab Blank	Duplicates Sample Lab# MS-MSD #1	#2	Range	Reference Sample Chemservice Reference Standards ID#	True Value	Accept. Range	Result	Spiked Sample Recovery Sample Lab # MS Unspiked	Conc. SP	Spiked	%R
Phenol	<1	41	27	14		100	79-121	110	<1	100	41	41
Bis(2-chlorethyl)et	<1	51	75	24		50	41-57	59	<1	50	51	102
2-Chlorophenol	<1	60	46	14		100	75-125	101	<1	100	60	60
13 Dichlorobenzene	<1	20	18	2		50	44-56	49	<1	50	20	40
14 Dichlorobenzene	<1	20	18	2		50	41-59	48	<1	50	20	40
Benzyl Alcohol	<5	23	24	1		50	-	-	<5	50	23	46
12 Dichlorobenzene	<1	21	20	1		50	43-57	49	<1	50	21	42
2 Methyl Phenol	<1	77	66	11		50	-	-	<1	100	77	77
Bis(2-chloroisopropy	<1	25	33	8		50	40-60	57	<1	50	25	50
4 Methyl Phenol	<1	79	67	12		50	-	-	<1	100	79	79
N-Nitrosodi-n-propyl	<1	27	35	8		50	39-61	55	<1	50	27	54
Hexachloroethane	<1	16	14	2		50	43-57	47	<1	50	16	32
Nitrobenzene	<1	28	32	4		50	36-64	47	<1	50	28	56
Isophorone	<1	30	37	7		50	39-61	47	<1	50	30	60
2-Nitrophenol	<1	58	53	5		100	92-108	70	<1	100	58	58
2,4-Dimethylphenol	<1	68	53	15		100	87-113	101	<1	100	68	68
Benzoic Acid	<10	15	10	5		50	-	-	<1	50	15	30
Bis(2-chloroethoxy)m	<1	32	40	8		50	31-69	54	<1	50	32	64
2,4 Dichlorophenol	<1	63	53	10		100	89-109	86	<1	100	63	63
124 Trichlorobenzene	<1	24	19	5		50	43-57	53	<1	50	24	48
Naphthalene	<1	32	29	3		50	41-59	50	<1	50	32	64
4-Chloroaniline	<1	-	-	-		50	-	-	-	50	-	-
Hexachlorobutadiene	<1	21	14	7		50	43-57	54	<1	50	21	42
4-Chloro-3-methylphe	<1	67	51	16		100	89-111	86	<1	100	67	67
2-Methyl-3-naphthalene	<1	35	15	20		50	-	-	<1	50	35	70
Hexachlorocyclopenta	<100	-	-	-		50	44-56	-	-	50	-	-
2,4,6-Trichloropheno	<1	73	61	12		100	90-110	93	<1	100	73	73
2,4,5-Trichloropheno	<1	97	86	11		50	-		<1	100	97	97
2-Chloronaphthalene	<1	30	22	8		50	43-57	48	<1	50	30	60

ECOTEST LABORATORIES, INC.
377 SHEFFIELD AVENUE
N. BABYLON, NY 11703

SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Lilco
Sample Lab Number(s): C714463/2,3
Date Sample(s) Received: 12/13/92
Date of Analysis: 12/9/92 - 1/10/92

Analyzed By: Nicholas Apostolou
Method: 625 (8270)
Analyte: Base Neutral, Acid Extractables
Matrix: Water / Soil

Units = ug/L (water) ug/Kg (soil)

	Lab Blank	Duplicates Sample Lab# MS-MSD #1	#2	Range	Reference Sample Chemservice Reference Standards ID#	True Value	Accept. Range	Result	Spiked Sample Recovery Sample Lab # MS Unspiked	Conc. SP	Spiked	%R
2 Nitroaniline	<1.	46	28	18		50	-	-	<1	50	46	92
Dimethyl Phthalate	<1	19	2	17		50	41-59	55	<1	50	19	38
Acenaphthylene	<1	39	35	4		50	44-56	51	<1	50	39	78
2,6-Dinitrotoluene	<1	38	39	1		50	43-57	49	<1	50	38	76
3 Nitroaniline	<1	64	44	20		50	-	-	<1	50	64	128
Acenaphthene	<1	39	33	6		50	43-57	51	<1	50	39	78
2,4-Dinitrophenol	<1	71	65	6		70	72-128	221	<1	100	71	71
4-Nitrophenol	<10	39	38	1		100	92-108	61	<1C	100	39	39
Dibenzofuran	<1	18	16	2		50	-	-	<1	50	18	36
2,4-Dinitrotoluene	<1	38	36	2		50	41-59	51	<1	50	38	76
Diethyl Phthalate	<1	37	6	31		50	43-57	53	<1	50	37	74
4-Chlorophenyl pheny	<1	43	36	7		50	47-53	57	<1	50	43	86
Fluorene	<1	43	35	8		50	45-55	52	<1	50	43	86
4-Nitroaniline	<1	29	31	2		50	-	-	<1	50	29	58
2-Methyl-4,6-dinitro	<5	22	48	26		100	82-118	11	<5	100	22	22
N-Nitrosodiphenylami	<1	46	43	3		50	42-58	48	<1	50	46	92
4-Bromophenyl phenyl	<1	43	34	9		50	45-55	62	<1	50	43	86
Hexachlorobenzene	<1	42	23	19		50	44-56	57	<1	50	42	84
Pentachlorophenol	<50	-	-	-		100	82-118	36	<50	100	-	-
Phenanthrene	<1	47	29	18		50	44-56	51	<1	50	47	94
Anthracene	<1	44	30	14		50	44-56	43	<1	50	44	88
Di-n-Butyl Phthalate	<1	47	22	25		50	37-63	50	<1	50	47	94
Fluoranthene	<1	47	29	18		50	45-55	54	<1	50	47	94
Pyrene	<1	45	27	18		50	44-56	49	<1	50	45	90
BenzylButylPhthalate	<1	40	17	23		50	39-61	49	<1	50	40	80
3,3'-Dichlorobenzidi	<50	53	50	3		50	14-86	-	<50	50	53	106
Benzo(a)anthracene	<1	49	28	21		50	43-57	54	<1	50	49	98
Chrysene	<1	48	28	20		50	43-57	55	<1	50	48	96
Bis(2-ethylhexyl)pht	<1	45	31	14		50	34-66	47	<1	50	45	90
Di-n-octyl Phthalate	<1	40	15	25		50	34-66	50	<1	50	40	80

BP13

ECOTEST LABORATORIES, INC.
377 SHEFFIELD AVENUE
N. BABYLON, NY 11703

SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Lilco
Sample Lab Number(s): C9144631/23
Date Sample(s) Received: 12/13/91
Date of Analysis: 1/9/92 - 1/10/92

Analyzed By: Nicholas Apostolico
Method: 625 (8270)
Analyte: Base Neutrals + Acid Extractables
Matrix: Water ✓ Soil ____

Units = ug/L (water)
ug/Kg (soil)

	Lab Blank	Duplicates Sample Lab # MS-MSD			Reference Sample Chemservice Reference Standards				Spiked Sample Recovery Sample Lab # MS			
		#1	#2	Range	ID#	True Value	Accept. Range	Result	Unspiked	Conc. SP	Spiked	%R
Benzo(b+k)fluoranthene	<1	67	44	23		100	52-148	160	<1	100	67	67
Benzo(a)pyrene	<1	42	24	18		50	45-55	58	<1	50	42	84
Indeno(1,2,3-cd)pyre	<1	36	28	8		50	39-61	64	<1	50	36	72
Dibenzo(a,h)anthrace	<1	41	27	14		50	40-60	58	<1	50	41	82
Benzo(ghi)perylene	<1	51	28	23		50	40-60	64	<1	50	51	102

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

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Client Name: Lilco
Sample Lab Number(s): C914463/2,3
Date Sample(s) Received: 12/13/91
Date of Analysis: 1/10/92
Analyzed By: Nicholas Apostolico
Method: EPA 625
Analyte: Acid Extractables

Surrogate Percent Recovery
Acid Extractables

Sample ID	2-Fluorophenol	Phenol-d6	2,4,6-Tribromophenol.
C914463/2	43	41	108
C914463/3	26	27	66

bplate

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING

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Client Name: L.ILCO
Sample Lab Number(s): C914463/2,3
Date Sample(s) Received: 12/13/91
Date of Analysis: 1/9/92
Analyzed By: Nicholas Apostolico
Method: EPA 625
Analyte: Base Neutral Extractables

Surrogate Percent Recovery
Base/Neutral Extractables

Sample ID	Nitrobenzene-d5	2-Fluorobiphenyl	4-Terphenyl-d14
C914463/2	69	83	68
C914463/3	66	92	70

bplate

R.L.

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ENVIRONMENTAL TESTING

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SUMMARY OF QUALITY CONTROL RESULTS

Client Name: LILCO

Sample Lab Number(s): C9144442, 4444, 4445, 4446

Date Sample(s) Received: 12/12/91

Date of Analysis: 12/17/91

Analyzed By: NC

Method: Chloroform Extraction EPA 420.1

Analyte: Phenol

QC RESULTS

Laboratory Blank Result: < 0.001

Duplicate Analysis: Sample Lab No.: C9144444

Result No. 1 < 0.001 mg/L Result No. 2 < 0.001 mg/L Range 0 mg/L

Reference Sample:

Source & ID No.	True Value	Acceptable Range	Result
EPA Phenol WP 179 Conc 6	0.036	0.036 ± 0.005	0.036

Spiked Sample Recovery: Sample Lab No.: C9144442

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery
< 0.001 mg/L	0.03 mg/L	0.031 mg/L	100%

summaryqc

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ENVIRONMENTAL TESTING

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SUMMARY OF QUALITY CONTROL RESULTS

Client Name: LMSO

Sample Lab Number(s): C914444/7

Date Sample(s) Received: 12/12/91

Date of Analysis: 12/27/91

Analyzed By: NC

Method: Chloroform extraction EPA 420.1

Analyte: Phenol

QC RESULTS

Laboratory Blank Result: < 0.001

Duplicate Analysis: Sample Lab No.: C914571

Result No. 1 0.045 mg/L Result No. 2 0.052 mg/L Range 0.007 mg/L

Reference Sample:

Source & ID No.	True Value	Acceptable Range	Result
EPA Phenol WP 179 Conc 6	0.036 mg/L	0.036 ± 0.005 mg/L	0.035 mg/L

Spiked Sample Recovery: Sample Lab No.: C914569

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery
0.006 mg/L	0.03 mg/L	0.039 mg/L	100%

summaryqc

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ENVIRONMENTAL TESTING

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SUMMARY OF QUALITY CONTROL RESULTS

Client Name: LILCO

Sample Lab Number(s): C 914444/5-6

Date Sample(s) Received: 12/12/91

Date of Analysis: 12/13/91

Analyzed By: RC

Method: Colorimetric AR 410.4

Analyte: COD

QC RESULTS

Laboratory Blank Result: 24Cmg/L

Duplicate Analysis: Sample Lab No.: C 914447/8

Result No. 1 240mg/L Result No. 2 240mg/L Range 0 mg/L

Reference Sample:

Source & ID No.	True Value	Acceptable Range	Result
Ref. ERA 9927	650mg/L	540-760mg/L	660mg/L

Spiked Sample Recovery: Sample Lab No.: C 914447/8

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery
240mg/L	200mg/L	260	110%

summaryqc

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ENVIRONMENTAL TESTING

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SUMMARY OF QUALITY CONTROL RESULTS

Client Name: LILCO

Sample Lab Number(s): C91444/5-6

Date Sample(s) Received: 12/12/91

Date of Analysis: 12/13/91

Analyzed By: RC

Method: Nitrate Reading EPA 405.1

Analyte: NO3

QC RESULTS

Laboratory Blank Result: <0.1 mg/L

Duplicate Analysis: Sample Lab No.: C91444/5

Result No. 1 6.4 mg/L Result No. 2 6.6 mg/L Range 1.8 mg/L

Reference Sample:

Source & ID No.	True Value	Acceptable Range	Result
GGA	200 mg/L	200 ± 37 mg/L	187.5 mg/L

Spiked Sample Recovery: Sample Lab No.: N/A

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery

summaryqc

R.L.

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ENVIRONMENTAL TESTING

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Client Name: Long Island Lighting Co.
Sample Lab Number(s): c914444/1, 3, 5, 6, 7, 8
Date Sample(s) Received: 12/12/91
Date of Analysis: 12/19/91
Analyzed By: J. Trecamo
Method: 624
Analyte: VOC

Surrogate Percent Recovery
Volatile Organics

Sample ID	1,2 Dichloroethane-d4	Toluene-d3	Bromofluorobenzene
c914444/1	99	105	115
c914444/3	98	105	110
c914444/5	95	108	128
c914444/6	94	107	114
c914444/7	98	103	104
c914444/8	93	100	121

jtqcvol

ECOTEST LABORATORIES, INC.
377 SHEFFIELD AVENUE
N. BABYLON, NY 11703

SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Long Island Lighting Co. — Analyzed By: J. Truscamo
Sample Lab Number(s): 9144441/1,3,5,6,7,8 — Method: 624
Date Sample(s) Received: 12/12/91 — Analyte: VOC
Date of Analysis: 12/19/91 — Matrix: Water ✓ Soil ____

Units = (ug/L) (water) ug/Kg (soil)

	Lab Blank	Duplicate Spikes Sample Lab # 9144441/8 #1	#2	Range	Reference Sample Supelco Cat. No.'s 488-- 488-- ID#	True Value	Accept. Range	Result	Spiked Sample Recovery Sample Lab # 9144441/8 Unspiked	Conc. SP	Spiked	%R
Chloromethane	<1	18.5	19.2	0.7	53	10.0	D-27.3	9.9	<1	+20.0	18.5	93
Bromomethane	<1	20.5	20.8	0.3	53	10.0	D-24.2	10.3	<1	+20.0	20.5	103
Dichlorodifluoromethane	—	—	—	—	—	—	—	—	—	—	—	—
Vinyl Chloride	<1	18.5	19.6	1.1	53	10.0	D-25.1	10.1	<1	+20.0	18.5	93
Chloroethane	<1	19.2	21.0	1.8	53	10.0	1.4-28.0	9.6	<1	+20.0	19.2	96
Methylene Chloride	<1	17.0	17.4	0.4	51	10.0	D-22.1	9.8	<1	+20.0	17.0	85
Trichlorofluoromethane	<1	19.7	20.6	0.9	51	10.0	1.7-18.1	9.3	<1	+20.0	19.7	99
11 Dichloroethene	<1	18.9	19.7	0.8	51	10.0	D-23.4	8.9	<1	+20.0	18.9	95
11 Dichloroethane	<1	20.0	20.8	0.8	51	10.0	5.9-15.5	9.7	<1	+20.0	20.0	100
12 Dichloroethene	<1	20.7	20.9	0.2	52	10.0	5.4-15.4	10.2	<1	+20.0	20.7	103
Chloroform	<1	20.7	21.2	0.5	51	10.0	5.1-17.5	9.8	<1	+20.0	20.7	104
12 Dichloroethane	<1	19.5	19.9	0.4	52	10.0	4.9-15.5	9.6	<1	+20.0	19.5	98
111 Trichloroethane	<1	20.2	21.1	0.9	52	10.0	5.2-16.2	10.1	<1	+20.0	20.2	101
Carbon Tetrachloride	<1	20.2	21.1	0.9	51	10.0	6.0-14.0	8.6	<1	+20.0	20.2	101
Bromodichloromethane	<1	20.7	21.2	0.5	52	10.0	7.5-15.5	8.7	<1	+20.0	20.7	104
12 Dichloropropane	<1	20.0	21.2	1.2	51	10.0	D-21.0	10.0	<1	+20.0	20.0	100
t-13 Dichloropropene	<1	32.3	32.1	0.2	52	15.8	3.5-27.3	12.7	<1	+31.6	32.3	102
Trichloroethylene	<1	23.2	23.5	0.3	51	10.0	7.1-15.7	9.6	<1	+20.0	23.2	116
Chlorodibromomethane	<1	21.2	20.8	0.4	51	10.0	5.3-11.9	7.7	<1	+20.0	21.2	106
112 Trichloroethane	<1	19.9	19.3	0.6	51	10.0	5.2-15.0	9.3	<1	+20.0	19.9	100
C-13 Dichloropropene	<1	8.94	8.75	0.19	52	4.20	D-9.5	5.4	<1	+8.40	8.94	106
2 Chloroethylvinylether	<1	19.9	18.8	1.1	51	10.0	D-10.5	3.8	<1	+20.0	19.9	100
12 Dibromoethane	—	—	—	—	—	—	—	—	—	—	—	—
Bromoform	<1	21.9	21.2	1.4	52	10.0	4.5-16.9	5.1	<1	+20.0	21.9	110
1122 Tetrachloroethane	<1	17.3	17.5	0.2	52	10.0	5.0-15.7	10.4	<1	+20.0	17.3	87
Tetrachloroethene	<1	22.1	23.0	0.9	51	10.0	6.4-14.8	10.0	<1	+20.0	22.1	111
Chlorobenzene	<1	22.5	23.7	1.2	51	10.0	7.7-16.0	11.7	<1	+20.0	22.5	113
13 Dichlorobenzene	<1	22.5	23.5	1.0	75	10.0	5.9-15.4	12.5	<1	+20.0	22.5	113
12 Dichlorobenzene	<1	23.1	21.8	1.3	75	10.0	1.5-14.0	11.5	<1	+20.0	23.1	116
14 Dichlorobenzene	<1	22.7	23.3	0.6	52	10.0	1.5-19.0	10.2	<1	+20.0	22.7	114
Benzene	<1	20.0	20.9	0.9	52	10.0	3.7-15.1	10.4	<1	+20.0	20.0	100
Toluene	<1	22.8	23.5	0.7	52	10.0	5.7-16.0	13.2	<1	+20.0	22.8	114
Ethyl Benzene	<1	21.5	22.9	1.4	75	10.0	3.2-16.2	12.9	<1	+20.0	21.5	108
m Xylene	<1	23.3	25.1	1.8	75	10.0	7.1-13.8	10.1	<1	+20.0	23.3	117
o+p Xylene	.2	46.2	50.2	3.6	75+77	20.0	14.2-27.4	21.1	<2	+40.0	46.6	117

BP10
F.L.

ECOTEST LABORATORIES, INC.
377 SHEFFIELD AVENUE
N. BABYLON, NY 11703

SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Long Island Lighting Co.
Sample Lab Number(s): C914444/1, 3, 5, 6, 7, 8
Date Sample(s) Received: 12/12/91
Date of Analysis: 12/19/91

Analyzed By: J. Turecamo
Method: 624
Analyte: VOC ✓
Matrix: Water ✓ Soil ____

Units = ug/L (Water) ug/Kg (Soil)

	Duplicates Sample Lab# C914444/8				Reference Sample				Spiked Sample Recovery Sample Lab # C914444/5			
	Lab Blank	#1	#2	Range	ID#	True Value	Accept. Range	Result	Unspiked	Conc. SP	Spiked	%R
Vinyl Chloride												
Freon 113												
Methylene Chloride												
11 Dichloroethane												
12 Dichloroethene												
Chloroform												
111 Trichloroethane												
Carbon Tetrachloride												
12 Dichloroethane												
Trichloroethylene												
12 Dichloroepropane												
Bromodichloromethane												
Tetrachloroethene												
Chlorodibromomethane												
Bromoform												
Acrolein	<25	74	60	14	—	—	—	—	<25	100	74.4	74
Acrylonitrile	<25	93	83	10	—	—	—	—	<25	100	92.8	93

BP10

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Long Island Lighting Company

Sample Lab Number(s): C914444-7

Date Sample(s) Received: 12/12/91

Date of Analysis: 12/23/91

Analyzed By: TM

Method: Graphite Furnace EPA 239.2

Analyte: Pb

QC RESULTS

Laboratory Blank Result: < 0.005 mg/L

Duplicate Analysis: Sample Lab No.: C914444-7

Result No. 1 0.025 mg/L Result No. 2 0.028 mg/L Range 0.002 mg/L

Reference Sample: EM Science Standard (1000 ppm)

Source & ID No.	True Value	Acceptable Range	Result
not #9167 @ QC EM	0.025 mg/L	0.021 - 0.032 mg/L	0.028 mg/L

Spiked Sample Recovery: Sample Lab No.: C914427-5

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery
0.011 mg/L	0.01 mg/L	0.024 mg/L	130%

summaryqc

R.L.

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Long Island Lighting

Sample Lab Number(s): C914444-1, 3

Date Sample(s) Received: 12-12-91

Date of Analysis: 12-18-91

Analyzed By: R.L

Method: I.C.P. EPA 200.7

Analyte: Titanium

QC RESULTS

Laboratory Blank Result: < 0.1 mg/L

Duplicate Analysis: Sample Lab No.: C914444-3 spike

Result No. 1 4.5 mg/L Result No. 2 4.7 mg/L Range 0.2 mg/L

Reference Sample: Titanium Stock 1000ppm (Fisher)

Source & ID No.	True Value	Acceptable Range	Result
QC 10ppm/Lot 913232-12	10.0 mg/L	9.0–11.0 mg/L	10.0 mg/L

Spiked Sample Recovery: Sample Lab No.: C914444-3

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery
< 0.5 mg/L	5.0 mg/L	4.7 mg/L	94

summaryqc

R.L.

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Long Island Lighting Company

Sample Lab Number(s): C 914444-1

Date Sample(s) Received: 12/12/91

Date of Analysis: 12/19/91

Analyzed By: TM

Method: Cold Vapor EPA 245.1

Analyte: Mercury

QC RESULTS

Laboratory Blank Result: < 0.25 ppb

Duplicate Analysis: Sample Lab No.: C 914447-8

Result No. 1 0.35 ppb Result No. 2 0.36 ppb Range 0.01 ppb

Reference Sample: RICCA Mercury Standard (1000 ppm)

Source & ID No.	True Value	Acceptable Range	Result
Lot H9925 / OCO 2-50	200 ppb	162 - 236 ppb	209.0

Spiked Sample Recovery: Sample Lab No.: C914450

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery
0.00 ppb	3.00 ppb	3.40 ppb	113

summaryqc

R.L.

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Lilco

Sample Lab Number(s): c914444-1, 3, 5, 6, 7

Date Sample(s) Received: 12/12/91

Date of Analysis: 12/19/91

Analyzed By: Tony D

Method: Hydride Generation EPA 206.3

Analyte: Arsenic

QC RESULTS

Laboratory Blank Result: <0.002 mg/L

Duplicate Analysis: Sample Lab No.: c914444-1

Result No. 1 0.0005 mg/L Result No. 2 0.0007 mg/L Range 0.0002 mg/L

Reference Sample:

Source & ID No.	True Value	Acceptable Range	Result
50 EM Science Lot #9319	0.050 mg/l	0.037 mg/L – 0.053 mg/l	0.041 mg/l

Spiked Sample Recovery: Sample Lab No.: c914444-1

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery
0.0005 mg/l	0.012 mg/l	0.0106 mg/l	85%

summaryqc

R.L.

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-57,0

SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Long Island Lighting Co.

Sample Lab Number(s): C914444-1, 3

Date Sample(s) Received: 12-12-91

Date of Analysis: 12-19-91

Analyzed By: R.L.

Method: ICP EPA 200.7

Analyte: Aluminum

QC RESULTS

Laboratory Blank Result: <0.2 mg/L

Duplicate Analysis: Sample Lab No.: C914408-3

Result No. 1 12 mg/L Result No. 2 12 mg/L Range ~~6~~ mg/L

Reference Sample:

Source & ID No.	True Value	Acceptable Range	Result
TM9938-2	0.84 mg/L	0.69-0.99 mg/L	0.95 mg/L

Spiked Sample Recovery: Sample Lab No.: C914408-3

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery
12 mg/L	10 mg/L	19 mg/L	75

summaryqc

R.L

ECCTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

SUMMARY OF QUALITY CONTROL RESULTS

Client Name: LILCO

Sample Lab Number(s): C914444-1,3,5,6,7

Date Sample(s) Received: 12/12/91

Date of Analysis: 12/20/91

Analyzed By: T. H.

Method: Hydride Generation EPA 270.3

Analyte: Selenium

QC RESULTS

Laboratory Blank Result: <0.002 mg/L

Duplicate Analysis: Sample Lab No.: C914444-1

Result No. 1 0.0009 mg/L Result No. 2 0.0009 mg/L Range 0.0000 mg/L

Reference Sample:

Source & ID No.	True Value	Acceptable Range	Result
50 EM Science LOT #9199	0.050 mg/L	0.037 mg/L - 0.062 mg/L	0.047 mg/L

Spiked Sample Recovery: Sample Lab No.: C914444-1

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery
0.0009 mg/L	0.012 mg/L	0.0115 mg/L	96%

summaryqc

R.L.

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Long Island Lighting Co

Sample Lab Number(s): C914444-1,3

Date Sample(s) Received: 12-12-91

Date of Analysis: 12-19-91

Analyzed By: R.L.

Method: ICP EPA 200.7

Analyte: Barium

QC RESULTS

Laboratory Blank Result: < 0.05 mg/L

Duplicate Analysis: Sample Lab No.: C914408-3

Result No. 1 1.0 mg/L Result No. 2 1.0 mg/L Range ~~0~~ mg/L

Reference Sample:

Source & ID No.	True Value	Acceptable Range	Result
TM 9938-2	0.44 mg/L	0.37 - 0.53 mg/L	0.52 mg/L

Spiked Sample Recovery: Sample Lab No.: C914408-3

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery
1.02 mg/L	0.40 mg/L	1.36 mg/L	85

summaryqc

R.L.

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Long Island Lighting Co.

Sample Lab Number(s): C914444-1,3,5,6

Date Sample(s) Received: 12-12-91

Date of Analysis: 12-19-91

Analyzed By: R.L.

Method: ICP EPA 200.7

Analyte: Magnesium

QC RESULTS

Laboratory Blank Result: <0.05 mg/L

Duplicate Analysis: Sample Lab No.: C914444-1

Result No. 1 20 mg/L Result No. 2 20 mg/L Range ~~0~~ mg/L

Reference Sample: Environmental Resource Associates

Source & ID No.	True Value	Acceptable Range	Result
Hard/Min QC Lot # 9923	5.0 mg/L	4.2-5.1 mg/L	5.0 mg/L

Spiked Sample Recovery: Sample Lab No.: C914444-1

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery
20 mg/L	2.5 mg/L	22.7 mg/L	108

summaryqc

R.L.

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Long Island Lighting Co.

Sample Lab Number(s): C914444-1, 3

Date Sample(s) Received: 12-12-91

Date of Analysis: 12-19-91

Analyzed By: R.L.

Method: ICP EPA 200.7

Analyte: Cobalt

QC RESULTS

Laboratory Blank Result: <0.04 mg/L

Duplicate Analysis: Sample Lab No.: C914444-1 Spike

Result No. 1 1.7 mg/L Result No. 2 1.7 mg/L Range ~~0~~ mg/L

Reference Sample:

Source & ID No.	True Value	Acceptable Range	Result
TM 9938-2	0.42 mg/L	0.35-0.50 mg/L	0.35 mg/L

Spiked Sample Recovery: Sample Lab No.: C914444-1

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery
<0.2 mg/L	2.0 mg/L	1.7 mg/L	85

summaryqc

R.L

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

SUMMARY OF QUALITY CONTROL RESULTS

Client Name: Long Island Lighting Co.

Sample Lab Number(s): C914444-1,3,5,6,7

Date Sample(s) Received: 12-12-91.

Date of Analysis: 12-19-91

Analyzed By: R.L.

Method: ICP EPA 200.7

Analyte: Beryllium

QC RESULTS

Laboratory Blank Result: < 0.001 mg/L

Duplicate Analysis: Sample Lab No.: C914408-2

Result No. 1 0.008 mg/L Result No. 2 0.008 mg/L Range ~~0~~ mg/L

Reference Sample:

Source & ID No.	True Value	Acceptable Range	Result
TM 9938-2	0.19 mg/L	0.16-0.23 mg/L	0.21 mg/L

Spiked Sample Recovery: Sample Lab No.: C914408-2

Unspiked Result	Conc. Spike Added	Spiked Result	% Recovery
0.008 mg/L	0.05 mg/L	0.052 mg/L	88

summaryqc

RL

91-15-5 (10/79)

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
ALBANY, NEW YORK 12233

INDUSTRIAL CHEMICAL SURVEY

Please refer to attached table

PART I

PLEASE COMPLETE AND RETURN TO THE ABOVE ADDRESS, ATTENTION: INDUSTRIAL CHEMICAL SURVEY.

COMPANY NAME		SIC CODE (If known)	OFFICE USE ONLY
Long Island Power Authority			
COMPANY MAILING ADDRESS	**CITY**	**STATE**	**ZIP CODE**
200 Garden City Plaza	Garden City	NY	11530
PLANT NAME (If different)	**CONTACT NAME**	**TELEPHONE**	
Shoreham Nuclear Power Station	Les Hill	Area 516 929-8300	
PLANT ADDRESS (If different) Street North Country Road	**CITY** Shoreham	**STATE** NY	**ZIP CODE** 11786

PRINCIPAL BUSINESS OF PLANT

NOTE: (If parent company, give name and addresses of all divisions, subsidiaries, etc. located in New York State. A separate questionnaire is to be completed and submitted for each.)

PART II
Discharge Information

WATER

1. Does your plant discharge liquid wastes to a municipally owned sanitary sewer system? ☐ Yes ☒ No
   Name of System _____
2. Is your facility permitted to discharge liquid wastes under a State (SPDES) or Federal (NPDES) permit? ☒ Yes ☐ No
   Permit Number 0 0 2 6 3 4 4
3. Do you discharge liquid wastes in any other manner? ☐ Yes ☒ No
   Explain _____

If any of the above are "Yes":

a. Do you discharge process or chemical wastes -- (i.e. water used in manufacturing including direct contact cooling water and scrubber water)? ☒ Yes ☐ No
b. Do you discharge non-contact cooling water? ☒ Yes ☐ No
c. Do you discharge collected storm drainage only? ☐ Yes ☒ No
d. Do you discharge sanitary wastes only? ☐ Yes ☒ No

AIR

1. Does your facility have sources of possible emissions to the atmosphere? ☒ Yes ☐ No
2. Enter Location and Facility Code as shown on your Air Pollution Control Application for Permits and Certification (If applicable) 4 7 2 2 0 0 3 5 3 7

SOLID & CONCENTRATED LIQUID WASTES

1. List Name and Address of Firm (Including yourself) removing wastes other than office and cafeteria refuse.

Name	See attached list		
Address	City	State	Zip Code
Name			
Address	City	State	Zip Code

2. List Location(s) of Landfill(s) owned and used by your facility.

	Active	Inactive
1	☐	☐
2	☐	☐

PESTICIDES

1. Does this facility:
   Manufacture Pesticides or Pesticide Product Ingredients? ☐ Yes ☒ No
   Produce Pesticides or Pesticide Product Ingredients? ☐ Yes ☒ No
   Formulate Pesticides? ☐ Yes ☒ No
   Repackage Pesticides? ☐ Yes ☒ No
2. EPA Establishment Number _____ – _____ – _____

PART III

SUBSTANCES OF CONCERN
(Refer to attached TABLE I)

Complete all information for those substances your facility has used, produced, stored, distributed or otherwise disposed of since January 1, 1971. Do not include chemicals used only in analytical laboratory work. Enter the name and code from Table I. If facility uses a substance in any of the Classes A – F which is not specified in the list, enter it as code class plus 99, e.g. B99 with name, usage, etc.

NAME OF SUBSTANCE	CODE	AVERAGE ANNUAL USAGE	AMOUNT NOW ON HAND	(✓) GAL.	(✓) LB.	PURPOSE OF USE (State whether produced, reacted, blended, packaged, distributed, no longer used, etc.)
See Exhibit A						

If you use chemicals of unknown composition, list trade name or other identification, name of supplier and complete information.

NAME OF SUBSTANCE	AVERAGE ANNUAL USAGE	AMOUNT NOW ON HAND	(✓) GAL.	(✓) LB.	SUPPLIER	PURPOSE OF USE (State whether produced, reacted, blended, packaged, distributed, no longer used, etc.)

I hereby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

SIGNATURE (Owner, Partner, or Officer): Stanley B. Klimberg

DATE: 6/4/92

NAME (Printed or Typed): Stanley B. Klimberg

TITLE: President of the Shoreham Project

Industrial Chemical Survey

Solid & Concentrated Liquid Wastes:

List Name and Address of Firm removing wastes other than office and cafeteria refuse.

Marine Pollution Control, Inc.
PO Box 220
375 Dunton Ave.
East Patchogue, NY 11772

Chemical Waste Management, Inc.
100 Nassau Park Blvd.
Princeton, NJ 08540

Jet Sanitation
228 Blydenburgh Rd.
Central Islip, NY 11722

EXHIBIT A

INDUSTRIAL CHEMICAL SURVEY
SHOREHAM NUCLEAR POWER STATION
LISTING OF ACTIVE ITEMS
Prepared: January 1992

ENTRY	CHEMICAL NAME	STORES NUMBER	ON HAND	ANNUAL USEAGE	MATERIAL TYPE
469	FLORTONE METAL SOAP ABSORBENT	36-64-2101	4	0 EACH	ABSORBENT
340	J.T. BAKER NEUTRASORB ACID NEUTRALIZER	26-25-0101	28	12 EACH	ACID NEUTRALIZER
400	NITOMORTAR PART A & B	36-20-0136	2	0 EACH	ADHESIVE
397	ARMOR CRETE, PRECO KIT	36-20-0132	16	0 EACH	ADHESIVE
395	FOSROC NITOBOND RWC-MIX B	36-20-0128	8	8 GALLON	ADHESIVE
394	PRECO ROCKWELD C-MIX A	36-20-0127	8	8 GALLON	ADHESIVE
346	HERCULITE ADHESIVE PVC, QUART	26-53-1455	10	2 QUART	ADHESIVE
504	KENTILE ADHESIVE # 711 FOR FLOOR TILE	36-64-6026	10	15 GALLON	ADHESIVE
49	ADHESIVE KIT SMITH ISLAND/DS-8024	01-95-0508	39	0 EACH	ADHESIVE
47	ADHESIVE KIT SMITH ISLAND/DS-8014	01-95-0506	44	0 EACH	ADHESIVE
46	ADHESIVE-ASTRO BARCO BOND EPOXY/B-100AX	01-95-0502	23	16 EACH	ADHESIVE
45	SMOOTH-ON EA-40 CLEAR EPOXY ADHESIVE	01-95-0501	44	9 EACH	ADHESIVE
69	GLUE, SPRAY ADHESIVE, 3-M, 2-SPRAY	01-95-3501	1	46 EACH	ADHESIVE
70	EASYPOXY UNDERWATER FIBERGLASS ADHESIVE	01-95-3606	52	0 EACH	ADHESIVE
48	ADHESIVE KIT SMITH ISLAND/DS-8069	01-95-0507	1	0 EACH	ADHESIVE
401	SIKADUR 32 HI-MOD ADHESIVE	36-20-0137	7	0 QUART	ADHESIVE
44	3M ADHESIVE EC-826, PINT/62-0826	01-95-0204	6	5 PINT	ADHESIVE
89	TUBE PROTECTOR ADHESIVE, 1/2 PINT P-2138	01-95-4061	26	25 1/2 PINT	ADHESIVE
42	3M ADHESIVE TYPE 1711/62-1711, PINT	01-95-0202	3	6 PINT	ADHESIVE
41	3M ADHESIVE TYPE 1711/62-1711,TUBE	01-95-0201	5	4 TUBE	ADHESIVE
709	DEVCON EPOXY RESIN	68-31-3005	9	21 2.5 OZ.	ADHESIVE
692	HARRIS SAFETY SILVER 35 SOLDER	42-50-1920	1	2 5 OZ.	ADHESIVE
748	EPOXY,POLYMERIC S-16	87-22-6950	5	1 EACH	ADHESIVE
749	EPOXY, POLMERIC S-16	87-22-6951	12	1 EACH	ADHESIVE
754	RUBBER AND GASKET ADHESIVE	87-60-0026	10	0 QUART CAN	ADHESIVE
703	PLAS-DUX ADHESIVE COMPOUND 5 LB. BAG	53-12-2010	355	0 5 LB. BAG	ADHESIVE
790	BONDING ADHESIVE (BA-2004)	NONE	1	0 5 GAL.	ADHESIVE
792	FIRESTONE SPLICE ADHESIVE	NONE	4	1 GALLON	ADHESIVE
715	OKONITE SPLICING CEMENT	69-61-1056	45	7 EACH	ADHESIVE CEMENT
61	SILICONE SEALANT RTV-102	01-95-1903	14	4 EACH	ADHESIVE SEALANT
66	SEALANT,ADHESIVE DOW CORNING RTV-732	01-95-2101	30	18 TUBE	ADHESIVE SEALANT
72	LOCTITE ADHESIVE SEALANT, GENERAL 242	01-95-4001	11	11 EACH	ADHESIVE SEALANT
478	STATIC GUARD	36-64-4745	0	3 EACH	AEROSOL SPRAY
737	DOWEX ANION RESIN/01302	87-10-2431	12	24 DRUM	ANION RESIN
742	ANION AMBERLITE RESIN IR-420 1 CU. FT.	87-10-7262	3	0 CU. FT.	ANION RESIN
745	CONOCO ANTI-FREEZE COOLANT/2110	87-20-1709	2	6 GALLON	ANTI-FREEZE
776	PRIDE WINDSHIELD WASH ANTI-FREEZE	NONE	9	2 GALLON	ANTI-FREEZE
774	NAPA ANTI-FREEZE COOLANT	NONE	2	6 GALLON	ANTI-FREEZE
805	NAPA THERMO AID	NONE	23	12 12 OZ. CAN	ANTI-FREEZE
804	GAS LINE ANTI-FREEZE	NONE	25	25 12 OZ. CAN	ANTI-FREEZE
99	ROHM & HAAS KATHON FP 1.5 BIOCIDE	16-92-1201	27	3 GALLON	BIOCIDE
511	ANHYDROUS AMMONIA,CYLINDER,ASSEMBLY	37-08-0005	3	0 EACH	BULK CHEMICAL
105	SODIUM PHOSPHATE, MONOBASIC 25LB	16-92-3020	7	1 25LB PAIL	BULK CHEMICAL
104	SODIUM PHOSPHATE, TRIBASIC	16-92-3010	5	2 25LB PAIL	BULK CHEMICAL
101	SODIUM HYDROXIDE, BULK	16-92-1913	0	20000 GALLON	BULK CHEMICAL
96	BORIC ACID, GRANULAR	16-92-0220	12	0 DRUM	BULK CHEMICAL
98	CITRIC ACID, USP GRADE 100 LB BOX	16-92-0330	1	0 100 LB	BULK CHEMICAL

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100	INHIBITOR SOLUTION, NALCO SURE COOL 1355	16-92-1510	2	1 55GAL.DRUM	BULK CHEMICAL
95	BORAX, GRANULAR	16-92-0210	16	0 DRUM	BULK CHEMICAL
97	SODIUM PENTABORATE BORON-10	16-92-0230	4	0 DRUM	BULK CHEMICAL
107	SULFURIC ACID, BULK	16-92-5000	0	20000 GALLON	BULK CHEMICAL
106	SODIUM SULFITE, ANHYDROUS 12KG/BAG	16-92-4000	3	3 PAIL	BULK CHEMICAL
103	SODIUM HYPOCHLORITE (12 %)	16-92-2030	0	20000 GALLON	BULK CHEMICAL
761	GE CASTOR OIL, USP GRADE	89-97-0105	38	0 16 OZ.	BULK CHEMICAL
672	ALCOHOL, DENATURED, GALLON CAN	37-40-0020	35	10 GALLON	BULK CHEMICAL
764	P-NITROTOLUENE AND LIQUID NITROBENZENE	93-58-0045	4	4 EACH	BULK CHEMICAL
766	ALCOA ACTIVATED ALUMINA	94-46-0524	7	0 EACH	BULK CHEMICAL
689	FREON 12 REFRIGERANT	42-50-1811	7	14 EACH	BULK CHEMICAL
690	FREON R11	42-50-1812	13	14 DRUM	BULK CHEMICAL
691	FREON R-500 30 LB. CONTAINER	42-50-1813	9	7 30 LB.	BULK CHEMICAL
739	RESIN CATION AMBERLITE,7 CUBIC FT.	87-10-7259	2	0 EACH	CATION RESIN
736	DOWEX CATION RESIN/37235	87-10-2430	0	69 DRUM	CATION RESIN
341	J.T. BAKER NEUTRACIT-2 CAUSTIC NEUTRAL.	26-25-0102	32	2 EACH	CAUSTIC NEUTRALIZER
793	MANVILLE SPM CAP CEMENT	NONE	4	1 GALLON	CEMENT
52	IPS WELD-ON P-70 PVC PRIMER CLEANER	01-95-0602	34	3 QUART	CEMENT PRIMER/CLEAN
54	IPS WELD-ON P-70 CEMENT SEALER,FAST SET	01-95-0604	20	0 PINT	CEMENT SEALER
51	IPS WELD-ON CEMENT SOLVENT	01-95-0601	22	2 QUART	CEMENT SOLVENT
816	MARKING CHALK	NONE	1	0 5 LB. PAIL	CHALK
351	BY PASS DECONTAMINATION DEGREASER	26-70-9101	0	3 EACH	CHEMICAL DEGREASER
388	MAGNAFLUX SPOTCHECK PENETRANT/SKL-HFS	34-52-0202	60	0 CAN	CHEMICAL PENETRANT
390	MAGNAFLUX ZYGLO PENETRANT/ZL-22C	34-52-0205	300	0 EACH	CHEMICAL PENETRANT
425	CHASE FOAMING CLEANER-RUG CLEANER	36-64-1452	12	12 12 OZ. CAN	CLEANER
353	DYKEM HI-SPOT BLUE/107-SURFACE SCRAPING	30-04-1676	72	0 EACH	CLEANER
433	SANIFLUSH TOILET CLEANER & DEODORIZER	36-64-1460	59	131 20 OZ. CAN	CLEANER
350	VALCLENE HMC CLEANING DETERGENT HMC	26-70-9002	21	0 DRUM	CLEANER
477	JANVEY & SON LIQUID HAND SOAP	36-64-4714	104	23 GAL. BTL.	CLEANER
352	MSA CLEANER-SANITIZER 11/8599-03	26-75-1608	270	6 BOX	CLEANER
466	DISINFECTANT, PINE OIL 5 GALLON CAN	36-64-1657	11	43 5 GAL. CAN	CLEANER
373	NEW HERMES ENAMEL, BLACK ENGRAVERS	30-16-5200	3	0 EACH	CLEANER
389	MAGNAFLUX SPOTCHECK CLEANER REMOVER	34-52-0203	2	64 12 OZ. CAN	CLEANER
7	ANTI-FOGGING 1/2 OZ. LIQUID	00-50-1265	50	4 1/2 OZ.	CLEANER
418	AMMONIA, CLEAR	36-64-1150	634	149 QUART	CLEANER
422	CLEANER SUPPLIES STAIN REMOVER, SBS-60	36-64-1449	6	2 8.5 LB	CLEANER
365	SONICOR INSTRUMENT DRYING RINSE & CLEAN	30-10-3012	1	0 GALLON	CLEANER
440	RITE OFF CLEANER 20 OZ. CAN X 12/CASE	36-64-1467	537	27 20 OZ. CAN	CLEANER
421	3M CARPET CLEANER	36-64-1436	2	0 GALLON	CLEANER
34	SELIG SPECIAL GOSH CONTACT CLEANER	26-53-1851	13	24 QUART	CLEANER
345	H.P. MAGNETIC HEAD CLEANER DUPONT FREON	26- 1-9521	0	4 EACH	CLEANER
437	CREATIVE SUPER CONCENTRATED BOWL CLEANER	36 64-1464	0	48 QUART	CLEANER
420	3M CARPET EXTRACTION CLEANER	36-64-1435	0	12 GALLON	CLEANER
349	VALCLENE DRYCLEANING SOLVENT I	26-70-9001	4	0 DRUM	CLEANER
474	RITE OFF STAINLESS STEEL CLEANER	36-64-4101	46	74 CAN	CLEANER
369	SONICOR 101 ALL PURPOSE DETERGENT	30-10-3016	5	0 GALLON	CLEANER
438	STAINEX CLEANER, 8 OZ. SQUEEZE BOTTLE	36-64-1465	48	0 8 OZ. BTL.	CLEANER

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429	HAND CLEANER, SBS 30 12 CAN/CASE	36-64-1456	0	6 EACH	CLEANER
436	SSS SCOTTY CLEANER LIQUID 5 GAL. CAN	36-64-1463	0	16 5 GAL. CAN	CLEANER
427	BABO CLEANER 21 OZ. CAN	36-64-1454	10	66 21 OZ. CAN	CLEANER
449	LESTOIL HEAVY DUTY CLEANER	36-64-1484	84	130 40 OZ.	CLEANER
460	DISINFECTANT SPRAY, AEROSOL 12/19 OZ.	36-64-1651	32	85 19 OZ. CAN	CLEANER
8	LENS CLEANER FLUID 16 OZ. K-LENS-M	00-50-1503	1	4 16 OZ.	CLEANER
428	CHLOROX BLEACH	36-64-1455	55	162 QUART	CLEANER
363	SONICOR 302 SILVER CLEANER/302	30-10-3010	6	0 GALLON	CLEANER
439	SOILAX CLEANER 16 OZ.X12/CASE	36-64-1466	0	233 16 OZ. BOX	CLEANER
730	EG&G TYPE A DEWPOINT HYGROMETER CLEANER	73-07-5501	3	0 EACH	CLEANER
716	CLEANING KIT TAPE PATCH	70-05-3022	2	1 KIT	CLEANER
780	VANDAL MARK REMOVER	NONE	1	1 16 OZ. CAN	CLEANER
822	MULTI-PURPOSE GERMICIDAL CLEANER	NONE	21	12 710 ML	CLEANER
815	DETERGENT TABLETS	NONE	1	0 6 LB. CAN	CLEANER
775	CROWN WINDSHIELD WASHER	NONE	4	4 GALLON	CLEANER
784	CONCENTRATE WASH NO. 7	NONE	1	1 8 OZ. CAN	CLEANER
412	BELZONA CLEANER/DEGREASER	36-20-0164	16	0 1/2 LITER	CLEANER/DEGREASER
676	HOLT LLOYD CLEANER-LUBRICANT, LPS-1 LW	37-40-0060	76	66 1 OZ.	CLEANER/LUBRICANT
677	HOLT LLOYD CLEANER-LUBRICANT, LPS-2 MW	37-40-0061	38	2 11 OZ.	CLEANER/LUBRICANT
441	SHIELA SHINE CLEANER S.S. METAL POLISH	36-64-1468	0	24 QUART	CLEANER/POLISHER
480	JOHNSONS WAX STRIPPER, 5 GAL. CAN	36-64-4750	6	6 5 GAL. CAN	CLEANER/STRIPPER
708	START PC 101 PROTECTIVE CIR BOARD COAT.	62-27-0010	26	0 EACH	COATING
542	HOLT LLOYD COLD GALVANIZE,LPS, 16 OZ.	37-16-0020	0	69 16 OZ.	COATING/ADHESIVE
642	PETTIT UNEPOXY TIN FREE BLUE	37-16-4051	5	0 GALLON	COATING/PRIMER
343	CONDUCTIVE COATING/154 ACHESON ELECTRODG	26-51-1426	3	0 EACH	CONDUCTIVE COATING
516	MITANN IOMEGA TF CONTACT CLEANER	37-08-0215	15	0 EACH	CONTACT CLEANER
442	SELIG SPECIAL GOSH NRC ALL PURPOSE CLEAN	36-64-1469	2	0 DRUM	CONTACT CLEANER
582	CURING AGENT FOR 37-16-2100	37-16-2101	15	0 GALLON	CURING AGENT
406	TREMCO COLOR PAK CURING AGENT	36-20-0145	20	0 EACH	CURING AGENT
360	SONICOR DE-RUSTER/201	30-10-3007	1	0 GALLON	DE-RUSTER SOLVENT
348	SYNTECH TOUCH IT UP DECONTAMINANT	26-53-1853	0	87 EACH	DECONTAMINANT
366	SONICOR SILICONE GREASE REMOVER/404	30-10-3013	3	0 GALLON	DEGREASER
362	SONICOR 301 PHOSPHORIC ACID DETERGENT	30-10-3009	9	0 GALLON	DETERGENT/CLEANER
387	MAGNAFLUX SPOTCHECK ZYGLO DEVELOPER	34-52-0201	66	4 EACH	DEVELOPER
537	OCE DEVELOPER SOLUTION 3200/3210	37-08-0916	12	0 EACH	DEVELOPER
527	DEVELOPER/3450-5R119	37-08-0904	57	0 EACH	DEVELOPER
531	KODAK EKTAPRINT DEVELOPER/100124-7K	37-08-0908	20	4 EACH	DEVELOPER
517	OCE ELECTROSTATIC DISPERSANT/2620000	37-08-0340	46	0 QUART	DISPERSANT
722	XEROX CLEAR DISPERSANT, VERSATEC	70-71-8003	2	6 EACH	DISPERSANT
526	XEROX DRY IMAGER	37-08-0903	8	0 EACH	DRY IMAGER
375	MARTRONIC STAINLESS STEEL ELECTROLYTE	30-16-5514	5	0 8 OZ.	ELECTROLYTE
376	MARTRONIC NEUTRALIZER-CLEANER	30-16-5515	2	0 8 OZ.	ELECTROLYTE
374	MARTRONIC ELECTROLYTE REFILL	30-16-5513	1	0 8 OZ.	ELECTROLYTE
378	MARTRONIC BLACK OXIDE ELECTROLYTE REFILL	30-16-5517	4	0 8 OZ.	ELECTROLYTE
377	MARTRONIC ALUMINUM ELECTROLYTE	30-16-5516	12	0 8 OZ.	ELECTROLYTE
548	GLYPTAL PAINT, QUART/1201 RED	37-16-0031	0	3 QUART	ENAMEL PAINT
608	TNEMEC PAINT ENAMEL ANTIQUE BROWN	37-16-2201	20	0 GALLON	ENAMEL PAINTT

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344	TWP CONDUCTIVE EPOXY ADHESIVE/HDMI 137	26-51-1427	3	0 EACH	EPOXY ADHESIVE
601	VALSPAR PAINT EPOXY PART A	37-16-2150	40	0 GALLON	EPOXY PAINT
646	EPOXY HI-BUILD ENAMEL PART A&B	37-16-5001	14	0 EACH	EPOXY PAINT
581	VALSPAR 84 SERIES EPOXY ENAMEL 84-W-7	37-16-2100	70	0 GALLON	EPOXY PRIMER
505	KOPPERS BITUMASTIC 300M EPOXY TAR	36-64-6027	14	0 KIT	EPOXY TAR ACTIVATOR
402	SIKA TOP 123/188 FIRE RETARDANT COATING	36-20-0141	6	0 CAN	FIRE RETARDANT
4	HALTS,DOG REPELLENT 1.5 OZ. CAN	00-13-6052	0	12 CAN	FIRST AID
2	CREOSOTE BURN WASH	00-13-6015	0	10 10/PACK	FIRST AID
540	3M FIXER AND FIX SOLUTION	37-08-0950	46	0 EACH	FIXER
416	3M TYPE 028 FIX SOLUTION	36-57-2551	0	12 QUART	FIXER SOLUTION
485	CRYSTAL CHEMICAL J-134 FLOOR FINISH	36-64-5412	89	24 5 GAL. CAN	FLOOR WAX
785	TINNING FLUX LEAD-FREE	NONE	2	1 1.7 OZ.	FLUX
814	SOLDERING PASTE	NONE	1	1 16 OZ.	FLUX
379	PENETONE FOAM AGENT FORMULA 64	30-27-8076	12	0 EACH	FOAMING AGENT
445	CROWN WINDOW GLASS CLEANER	36-64-1480	66	21 GALLON	GLASS CLEANER
180	MOBIL NYVAC WATER/GLYCOL FLUID/602870	12-60-0686	9	0 55 GAL DRM	GLYCOL FLUID
315	TEXACO MAR FAX NO. 3	17-64-7501	2	0 PAIL	GREASE
300	CHEVRON SR1-2/254502 35LB PAIL	17-64-4001	4	0 35LB. PAIL	GREASE
305	SHELL,ALVANIA NO. 3/71013	17-64-5002	2	0 EACH	GREASE
303	EXXON NEBULA EP-0/436050-04569 120LB	17-64-4503	1	0 120LB	GREASE
125	VALVOLINE VAL-PLEX EP GREASE NLGI#2/615	17-45-0002	28	5 EACH	GREASE
306	AEROSHELL NO. 5/70026	17-64-5003	2	0 EACH	GREASE
311	DOW CORNING MOLYKOTE NO.41	17-64-6002	1	0 5 GAL. PL	GREASE
283	MOBILUX EP 23/641050 35LB. PAIL	17-64-1058	4	0 35LB. PAIL	GREASE
312	DOW CORNING 44 HI TEMP BEARING GREASE	17-64-6003	45	0 EACH	GREASE
282	MOBILUX 2/640110 35 LB. PAIL	17-64-1057	5	0 35LB. PAIL	GREASE
290	MOBILUX EP 0/641290	17-64-1294	8	0 EACH	GREASE
309	LUBRIPLATE GR-132 GREASE	17-64-5502	1	0 EACH	GREASE
314	PENNZOIL CHA-2 GREASE 316, 35 LB PAIL	17-64-7001	6	0 EACH	GREASE
791	MOBIL LUBRICATING GREASE	NONE	90	45 14 OZ. CAN	GREASE
799	GREASE	NONE	6	2 14 OZ. CAN	GREASE
119	MOBIL DELVAC 1240/440685	17-44-0688	16	1 QUART	GREASE/LUBE OIL
116	MOBIL DELVAC 1210/440651	17-44-0658	2	2 QUART	GREASE/LUBE OIL
115	MOBIL DELVAC 1130/440529	17-44-0528	1	1 QUART	GREASE/LUBE OIL
223	MOLYLUBE,MOLYBDENUM DISULFIDE GREASE	17-60-7501	20	0 EACH	GREASE/LUBE OIL
229	MOBIL GEAR 626/610857	17-61-0858	1	0 400 LB DRM	GREASE/LUBE OIL
157	GREASE,DOW CORNING MOLYKOTE NO.33	17-53-0309	1	2 5.3 OZ.	GREASE/LUBE OIL
117	MOBIL DELVAC 1220/440669	17-44-0668	4	1 QUART	GREASE/LUBE OIL
118	MOBIL DELVAC 1230/440677	17-44-0678	11	1 QUART	GREASE/LUBE OIL
160	MOBIL VACTRA HVY MED/580407 55 GAL DRUM	17-58-0439	2	0 55 GAL DRM	GREASE/LUBE OIL
162	MOBIL DTE 797/600114 55 GAL. DRUM	17-60-0118	8	1 55 GAL DRM	GREASE/LUBE OIL
114	MOBIL DELVAC 1130/440529	17-44-0522	1	1 QUART	GREASE/LUBE OIL
693	DOW CORNING MOLYKOTE 44 GREASE	49-01-0137	6	0 EACH	GREASE/LUBRICANT
697	GE GREASE/D50H15	51-40-5066	21	0 4 OZ.	GREASE/LUBRICANT
696	GE GREASE/D50H47	51-40-5065	13	0 4 OZ.	GREASE/LUBRICANT
724	DOW CORNING OPTICAL COUPLANT/92-3067	71-35-2300	1	0 4 OZ. TUBE	GREASE/LUBRICANT

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731	NYE LUBRICATING OIL AND GREASE	73-50-5304	100	0 EACH	GREASE/LUE OIL
380	FILMITE ENERPAC HF, HOF HYDRAULIC OIL	30-36-1611	10	0 GALLON	HYDRAULIC OIL
773	BUTARS HYDRAULIC FLUID	NONE	9	12 12 OZ. BOT	HYDRAULIC OIL
778	GUNK BRAKE FLUID	NONE	3	2 12 OZ. CAN	HYDRAULIC OIL
91	SEALANT,HYDRAULIC,LOCTITE #69	01-96-4011	2	0 EACH	HYDRAULIC SEALANT
6	REPELLENT, TICK-1 INSECT REPELLENT	00-13-6056	178	54 CAN	INSECTICIDE
3	REPELLANT, WASP 14 OZ. CAN	00-13-6051	0	12 1.5 OZ.	INSECTICIDE
471	JOHNSON BOLT RESIDUAL-CRAWLING INSECT	36-64-2701	12	0 EACH	INSECTICIDE
470	JOHNSON BOLT AIRBORNE-FLYING INSECT	36-64-2700	60	57 EACH	INSECTICIDE
705	SANCHEM, NO-OX-ID A SPECIAL/PJC7201	59-81-6245	24	0 EACH	JOINT COMPOUND
606	VALSPAR LATEX BLOCK FILLER 5 GAL/PAIL	37-16-2165	30	0 GALLON	LATEX PAINT FILLER
666	RSC RADIATOR SEALANT T55 8 OZ.	37-38-5105	9	0 8 OZ.	LIQUID SEALANT
665	RSC RADIATOR SEALANT MED/HVY DUTY 5LB.	37-38-5104	4	0 5 LB. CAN	LIQUID SEALANT
664	RSC RADIATOR SEALANT MED/HVY DUTY 1LB.	37-38-5103	14	0 1LB. CAN	LIQUID SEALANT
663	RSC RADIATOR SEALANT LIGHT DUTY 5LB.	37-38-5102	1	0 5 LB. CAN	LIQUID SEALANT
662	RSC RADIATOR SEALANT LIGHT DUTY 1 LB.	37-38-5101	22	0 CAN	LIQUID SEALANT
668	RSC RADIATOR SEALANT T55 GALLON	37-38-5107	8	0 GALLON	LIQUID SEALANT
667	RSC RADIATOR SEALANT T55 QUART	37-38-5106	16	0 QUART	LIQUID SEALANT
212	MOBILFLUID 350/605758	17-60-5758	1	1 DRUM	LUBE OIL
164	MOBIL DTE MEDIUM/600155 55 GAL DRUM	17-60-0158	4	0 55 GAL DRM	LUBE OIL
204	MOBILGARD 445/602854	17-60-2858	1	1 GALLON	LUBE OIL
218	ANDEROL #800 SYNTHETIC ENGINE OIL	17-60-7250	4	0 EACH	LUBE OIL
163	MOBIL DTE LIGHT/600148 55 GAL. DRUM	17-60-0148	2	3 55 GAL DRM	LUBE OIL
199	MOBIL DTE 26/602011 55 GAL DRUM	17-60-2048	1	1 55 GAL DRM	LUBE OIL
222	OIL, KINNEY TYPE A 5 GAL.	17-60-7500	1	0 5 GAL	LUBE OIL
210	MOBIL SHC 634/602912	17-60-2918	0	1 GALLON	LUBE OIL
191	GG ARTIC OIL 300/601732 GALLON	17-60-1738	2	0 GALLON	LUBE OIL
203	MOBIL DTE 16/602714 55 GAL DRUM	17-60-2700	0	55 55 GAL DRM	LUBE OIL
185	MOB EX HEC SUP CYL./601237 55 GAL DRUM	17-60-1238	1	0 55 GAL DRM	LUBE OIL
184	MOB EX HEC SUP CYL./601237	17-60-1235	3	0 GAL	LUBE OIL
182	MOBILPLEX #47 400 GAL DRUM	17-60-1000	2	0 EACH	LUBE OIL
205	MOBILGARD 446/6022888 55 GAL DRUM	17-60-2859	1	0 55 GAL DRM	LUBE OIL
126	ABCO LUBE OIL REFRIGERATION/SAMPLE PANEL	15-50-0100	3	0 GALLON	LUBE OIL
165	MOBIL DTE HEAVY MEDIUM 55 GAL DRUM	17-60-0168	2	4 55 GAL DRM	LUBE OIL
237	MOBIL GEAR 636/610915	17-61-0918	1	1 GALLON	LUBE OIL
241	MOBILTAC-LL/611202 400LB DRUM	17-61-1100	7	0 400LB DRM	LUBE OIL
176	MOBIL VELOCITE 10/600684 55 GAL DRUM	17-60-0658	2	0 55 GAL DRM	LUBE OIL
221	OIL,VACUUM PUMP, KINNEY SUPER X	17-60-7499	3	15 EACH	LUBE OIL
207	MOBIL GUARD 450/602581 55 GAL DRUM	17-60-2861	7	0 55 GAL DRM	LUBE OIL
206	MOBILGARD 412/602482 55 GAL DRUM	17-60-2860	0	25 55 GAL DRM	LUBE OIL
231	MOBIL GEAR 627/610923 400 LB DRUM	17-61-0860	1	0 400LB DRM	LUBE OIL
168	MOBIL DTE BB/600221 55 GAL DRUM	17-60-0228	1	0 55 GAL DRM	LUBE OIL
232	MOBIL GEAR 629/610865	17-61-0868	2	0 GAL	LUBE OIL
234	MOBIL GEAR 632/610881 400 LB DRUM	17-61-0888	1	0 400LB DRM	LUBE OIL
166	MOBIL DTE HEAVY/600189 55 GAL DRUM	17-60-0188	3	0 55 GAL DRM	LUBE OIL
169	MOBIL VAPORTECH LIGHT OIL/600312 55 GAL.	17-60-0318	10	0 55 GAL DRM	LUBE OIL
167	MOBIL DTE EX HEAVY/600205 55 GAL DRUM	17-60-0208	1	0 55 GAL DRM	LUBE OIL

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256	111 YELLOW 77 WIRE PULLING LUBRICANT #77	17-63-0015	7	0 EACH	LUBRICANT
255	FEL-PRO N-5000 NUC. GRADE,NICKEL BASE	17-63-0007	19	0 1 LB. CAN	LUBRICANT
254	FEL-PRO N-1000 NUC. GRADE,COPPER BASE	17-63-0006	10	0 1 LB. CAN	LUBRICANT
253	FEL-PRO N-1000 NUC. GRADE,COPPER BASE	17-63-0005	20	0 8 OZ. CAN	LUBRICANT
264	MOLYKOTE,DOW CORNING, G-N PASTE	17-63-2006	5	0 16 OZ.	LUBRICANT
329	CUTTING OIL WATER SOLUABLE P-5 B.BEAR	17-66-7218	1	5 CAN	LUBRICANT
326	MOBILARMA 523/667121	17-66-7128	2	0 GALLON	LUBRICANT
246	LIQUID WRENCH, ONE PINT CAN/L-104	17-62-3003	8	32 16 OZ. CAN	LUBRICANT
266	FISKE LUBRIPLATE 630	17-64-0105	4	0 GALLON	LUBRICANT
307	BEACON 325	17-64-[illegible]01	6	0 PAIL	LUBRICANT
37	LAPPING COMPOUND, 5 GRAM SYRINGE, 15	01-20-6601	10	0 5 GM.	LUBRICANT
260	GRAPHITE SUSPENDED IN ISOPROPANOL 1PT.	17-63-2002	17	2 1 PT. CAN	LUBRICANT
36	LAPPING COMPOUND,NO.302	01-20-6517	4	0 CAN	LUBRICANT
321	RIGID THREAD CUTTING OIL 1 GAL. CONTAINR	17-66-0004	2	6 GALLON	LUBRICANT
316	TEXACO CAPELLA D 55 GAL. DRUM	17-64-7502	1	2 55 GAL. DR	LUBRICANT
35	LAPPING COMPOUND,NO.2F CRYSTOLON,32	01-20-6516	4	0 CAN	LUBRICANT
38	LAPPING LUBRICANT 1 GAL. CAN	01-20-6607	2	0 GALLON	LUBRICANT
319	TAP FREE CUTTING LUBRICANT 16 OZ. WINBRO	17-66-0002	17	170 16 OZ.	LUBRICANT
320	MONROE COOL TOOL CUT/TAP FLUID	17-66-0003	79	131 EACH	LUBRICANT
259	GRAPHITE SUSPENDED IN ISOPROPANOL 2 OZ.	17-63-2001	28	0 2 OZ. CAN	LUBRICANT
262	GRAPHITE SUSPENDED IN ISOPROPANOL 1 GAL.	17-63-2004	6	0 GALLON	LUBRICANT
261	GRAPHITE SUSPENDED IN ISOPROPANOL 1 QT.	17-63-2003	20	0 1 QT. CAN	LUBRICANT
244	LUBRICANT, WD-40 SILICONE 16 OZ. CAN	17-62-3001	121	100 16 OZ. CAN	LUBRICANT
249	NEVER-SEEZ,NUCLEAR GRADE,8OZ. BRUSH CAN	17-63-0001	25	23 8 OZ. CAN	LUBRICANT
318	TAP FREE CUTTING LUBRICANT 8 OZ. WINBRO	17-66-0001	24	84 8 OZ.	LUBRICANT
245	LIQUID WRENCH, 15 OZ. AEROSOL CAN/L-106	17-62-3002	69	65 15 OZ. CAN	LUBRICANT
217	LUBRICANT,LPS-ESA-100	17-60-7200	5	0 EACH	LUBRICANT
34	CLOVER LAPPING COMPOUNDS	01-20-6501	26	1 EACH	LUBRICANT
308	LUBRI-PLATE NO. 142 NO. 107	17-64-5501	6	0 PAIL	LUBRICANT
310	DOW CORNING, MOLYKOTE NO.2 19.4 OZ.	17-64-6001	5	0 19.4 OZ	LUBRICANT
330	SYNCOOL,CUTTING TOOL COOLANT	17-66-9001	2	0 EACH	LUBRICANT
760	LUBRICANT 5.3 OZ.	89-97-0103	13	0 5.3 OZ.	LUBRICANT
759	NEVER SEEZ THREAD LUBRICANT	89-97-0101	7	0 1 LB.	LUBRICANT
680	HOLT LLOYD LPS-2 GREASELESS LUBRICANT216	37-40-0064	17	0 GALLON	LUBRICANT
733	DOW CORNING MOLYKOTE GREASE/55M	73-72-5037	10	0 EACH	LUBRICANT
679	HOLT LLOYD LPS-1 GREASELESS LUBRICANT116	37-40-0063	63	0 GALLON	LUBRICANT
250	NEVER-SEEZ,NUC. GRADE 1LB CAN 12/CASE	17-63-0002	24	25 1LB CAN	LUBRICANT
755	LUBRICANT, GE, VERSILUBE 8 OZ. TUBE	87-61-0103	6	3 8 OZ.	LUBRICANT
750	VISCONORUST 1602	87-22-6952	2	0 5 GAL.	LUBRICANT
729	L&N RECORDER OIL	72-99-3550	14	0 EACH	LUBRICANT OIL
727	MOBIL OIL SHC-8	72-47-5502	50	15 GALLON	LUBRICANT OIL
368	SONICOR 414 WATER DISPLACER/414	30-10-3015	8	0 GALLON	LUBRICANT/CLEANER
806	VALVOLINE GEAR OIL	NONE	1	0 32 OZ. CAN	LUBRICATING OIL
827	RIGID THREAD CUTTING OIL	NONE	1	1 GALLON	LUBRICATING OIL
687	VIGINA METAL CLEANING DETERGENT/WD5	42-50-0425	11	5 5 GAL.	METAL CLEANER
152	THERMAL COMPOUND, GE SILICONE TYPE 120	17-53-0201	4	0 EACH	MISC. THERMAL CPD.
539	KODAK MAINTENANCE KIT FOR EKTAPRINT COPY	37-08-0920	3	0 EACH	MISCELLANEOUS

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751	GRAPHITE PRODUCT COMPOUND MOLYBDENUM	87-25-1113	0	4 EACH	MISCELLANEOUS
723	ETHYL GLYCOL THERMOSTAT	71-35-1495	5	0 EACH	MISCELLANEOUS
732	CLEAVER BROOKS MERCURY SWITCH	73-51-7001	1	0 EACH	MISCELLANEOUS
735	SWITCH, ATOMIZING AIR PRESSURE	85-50-2004	2	0 EACH	MISCELLANEOUS
704	BURNDY PENA-13 PENETROX COMPOUND	55-10-2340	174	0 EACH	MISCELLANEOUS CPD.
529	XEROX FUSER OIL 61 OZ. LIQUID	37-08-0906	13	0 61 OZ.	MISCELLANEOUS OIL
738	EPICOX EP-11 ION EXCHANGE RESIN	87-10-4900	40	20 DRUM	MIXED RESIN
124	VALVOLINE MOTOR OIL SAE 40/269	17-45-0001	139	1 QUART	OIL
825	2 CYCLE [illegible]30 MOTOR OIL	NONE	7	24 QUART	OIL
826	2 CYCLE ENGINE LUBRICANT	NONE	9	12 8 OZ. CAN	OIL
820	NAPA MOTOR OIL 30W	NONE	24	24 QUART	OIL
819	NAPA MOTOR OIL 10W-40	NONE	40	75 QUART	OIL
821	MOTOR OIL 10W	NONE	8	12 QUART	OIL
777	RDM VACUUM PUMP OIL	NONE	3	1 32 OZ. CAN	OIL
571	MARTEX FERROX NON-SKID PAINT, WHITE	37-16-1113	4	0 GALLON	OIL BASE PAINT
572	MARTEX FERROX NON-SKID FLOOR/DECK-RED	37-16-1114	0	2 GALLON	OIL BASE PAINT
788	TNEMEC PROTECTIVE COATING SAFETY RED	NONE	2	1 5 GAL.	PAIN
584	PAINT, MOBIL TNEMEC 37-77 CHEM-PRIME	37-16-2103	10	0 GALLON	PAINT
600	PAINT, TOP COAT, CHLORINATED RUBBER	37-16-2119	20	0 GALLON	PAINT
578	PAINT, CATALYST,KIT	37-16-2010	36	0 GALLON	PAINT
598	TNEMEC PAINT,SAFETRY ORANGE 2H HI-BUILD	37-16-2117	50	0 GALLON	PAINT
596	TNEMEC PAINT AZURE BLUE 2H HI-BUILD	37-16-2115	15	0 GALLON	PAINT
576	VALSPAR 76 SERIES PRIMER, WHITE	37-16-2007	32	0 GALLON	PAINT
575	VALSPAR PAINT, SAFETY YELLOW	37-16-2004	110	0 GALLON	PAINT
592	TNEMEC GLOSS HI-BUILD SERIES 2H GREEN	37-16-2111	20	0 GALLON	PAINT
574	VALSPAR PAINT, MOBILE HIGH HEAT GRAY	37-16-2002	20	0 GALLON	PAINT
573	VALSPAR 76 SERIES PAINT, GRAY	37-16-2001	155	0 GALLON	PAINT
570	MARTEX FERROX NON-SKID FLOOR/DECK COAT	37-16-1112	23	6 EACH	PAINT
591	TNEMEC GLOSS HI-BUILD SERIES 2H WHITE	37-16-2110	25	0 GALLON	PAINT
568	MARTEX FERROX NON-SKID FLOOR/DECK WHITE	37-16-1110	0	96 GALLON	PAINT
567	MARTEX FERROX NON-SKID PAINT, YELLOW	37-16-1107	10	0 GALLON	PAINT
604	PAINT PRIMER, WHITE	37-16-2160	15	10 GALLON	PAINT
597	TNEMEC PAINT, SAFETY RED 2H HI-BUILD	37-16-2116	35	0 GALLON	PAINT
593	TNEMEC PAINT SAFETY YELLOW 2H-BUILD GLOS	37-16-2112	0	5 GALLON	PAINT
797	B&M PAINT	NONE	1	0 GALLON	PAINT
798	B&M RUST INHIBITOR WHITE PAINT	NONE	1	0 GALLON	PAINT
800	SUPER STRIPE TRAFFIC PAINT	NONE	3	2 18 OZ. CAN	PAINT
771	KRYLON SPRAY PAINT - HUNTER GREEN	NONE	60	30 16 OZ. CAN	PAINT
795	KRYLON SPRAY PAINT, BRIGHT COPPER	NONE	2	0 12 OZ. CAN	PAINT
789	TNEMEC PROTECTIVE COATING PLANT. GREEN	NONE	2	1 5 GAL	PAINT
796	NAPA EPOXY SPRAY PAINT	NONE	1	0 12 OZ. CAN	PAINT
813	MISCELLANEOUS PAINT	NONE	19	4 GALLON	PAINT
802	MISCELLANEOUS SPRAY ENAMALS	NONE	7	0 12 OZ. CAN	PAINT
565	PARAGON PAINT OIL BASE	37-16-1101	5	9 GALLON	PAINT-OIL BASE

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391	MAGNAFLUX ZYGLO PENETRANT/ZL-54	34-52-0206	1	4 GALLON	PENETRANT
781	PLASTER OF PARIS	NONE	2	2 8 LB. PAIL	PLASTER
786	MOXON METAL POLISH	NONE	1	1 GALLON	POLISH
491	SPRAYER SHINE-UP 12/15 OZ./CASE	36-64-5419	29	69 15 OZ.	POLISH/CLEANER
782	BGM PRIMER/RUST INHIBITOR	NONE	3	3 13 OZ. CAN	PRIMER
803	WIC BOND SA:DING LIQUID	NONE	1	0 GALLON	PRIMER
77	LOCTITE LOCQUIC PRIMER " AEROSOL/747	01-95-4006	22	2 EACH	PRIMER SEALANT
783	PLUMBER'S PUTTY	NONE	2	1 1 LB. PAIL	PUTTY
396	REDUCER TYPE-L	36-20-0129	8	0 GALLON	REDUCER
413	BELZONA RELEASE AGENT 100 GRAMS	36-20-0167	4	0 EACH	RELEASING AGENT
734	RELEASE AGENT, 5.3 OZ. TUBE	77-09-5506	19	0 5.3 OZ.	RELEASING AGENT
744	RESIN,ECODEX,POWDER 12LB./BAG	87-11-4807	33	0 BOX	RESIN
823	JET-GO BELT DRESSING	NONE	1	1 14 OZ. CAN	RUBBER TREATMENT
86	ORGANIC PRODUCTS TORQUE SEALANT 1/2 OZ.	01-95-4052	37	0 TUBE	SEALANT
62	SILICONE SEALANT RTV-106	01-95-1905	2	116 EACH	SEALANT
64	SILICONE SEALANT RTV-102	01-95-1907	30	0 EACH	SEALANT
73	LOCTITE ADHESIVE SEALANT/271	01-95-4002	30	9 EACH	SEALANT
76	LOCTITE ADHESIVE SEALANT/290	01-95-4005	10	0 EACH	SEALANT
74	LOCTITE ADHESIVE SEALANT/277	01-95-4003	12	2 EACH	SEALANT
509	GRACE DARAWELD C FIREPROOF OVERCOAT	36-64-6042	12	0 GALLON	SEALANT
228	GE SILICONE 8 OZ. TUBE	17-60-8007	36	3 8 OZ TUBE	SEALANT
65	SEALANT, ADHESIVE DOW CORNING RTV--732	01-95-2101	45	2 EACH	SEALANT
59	SILICONE RUBBER RTV108 SEALANT	01-95-1901	17	73 EACH	SEALANT
67	CARTRIDGE, SILICONE `LEAR 10.3 OZ.	01-95-2103	0	7 EACH	SEALANT
414	PIPE DOPE REACTOR SEAL #5	36-20-0300	0	7 EACH	SEALANT
88	SEALANT, THERMOPLASTIC, KINSEAL	01-95-4056	0	32 EACH	SEALANT
87	GRAFOIL THREAD SEALANT TAPE/G6255	01-95-4055	36	0 EACH	SEALANT
85	ORGANIC PRODUCTS TORQUE SEALANT 1/2 OZ.	01-95-4051	25	0 TUBE	SEALANT
84	LOCTITE RETAINING COMPOUND/680	01-95-4025	6	0 EACH	SEALANT
405	TREMCO DYMERIC BASE & CURING AGENT	36-20-0144	18	0 CAN	SEALANT
82	LOCTITE GASKET ELIMINATOR SEALANT/510	01-95-4014	15	1 EACH	SEALANT
63	SILICONE SEALANT RTV-162	01-95-1906	1	47 EACH	SEALANT
83	LOCTITE GASKET ELIMINATOR SEALANT/515	01-95-4015	2	5 EACH	SEALANT
713	DRAVO DUCT SEAL SEALANT	68-40-2001	55	72 EACH	SEALANT
801	STA LOK PIPE JOINT SEALANT	NONE	1	0 8 OZ.	SEALANT
812	FIRESTONE CAP SEALANT	NONE	25	12 11 OZ. CAN	SEALANT
60	SILICONE SEALANT RTV-102	01-95-1902	52	59 EACH	SEALANT ADHESIVE
817	DRIVEWAY CRACK SEALER	NONE	1	0 GALLON	SEALER
811	CONCRETE SEALER/FINISHER	NONE	6	2 GALLON	SEALER
810	RUST-OLEUM WOOD SAVER	NONE	4	0 QUART	SEALER
809	UGC TILE GROUT	NONE	1	1 QUART	SEALER
770	SEALANT PRIMER QUART	98-60-0027	3	0 QUART	SEALER/PRIMER
225	INSULGREASE G-622 SILICONE GE, COMPOUND	17-60-8002	1	6 EACH	SILICONE COMPOUND
226	DOW CORNING 550 SILICONE FLUID 5 GAL.	17-60-8005	6	0 5 GAL	SILICONE FLUID
794	DENATURED ALCOHOL	NONE	2	0 GALLON	SOLVENT
1	REDUCER TYPE L	36-20-0129	8	0 GALLON	SOLVENT
81	LOCTITE SAFETY SOLVENT AEROSOL/755	01-95-4013	0	2 EACH	SOLVENT

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682	GC RELAY-KLEEN,AEROSOL/10-8682	37-40-0101	90	5 EACH	SOLVENT
669	ACETONE, ELECTRONIC GRADE 1 GALLON	37-40-0002	1	1 GALLON	SOLVENT
367	SONICOR ELECTRONIC SOLVENT #408/408	30-10-3014	7	0 GALLON	SOLVENT
779	RUST-OLEUM RUST REMOVER	NONE	-	6 16 OZ. CAN	SOLVENT
772	DISTILLED WATER	NONE	30	20 GALLON	SOLVENT
681	DRY KLEEN GC SOLVENT MIXTURE/10-8669	37-40-0100	31	7 EACH	SOLVENT
787	ZIP STRIP STAIN REMOVER	NONE	2	1 GALLON	SOLVENT
342	J.T. BAKER SOLUSORB SOLVENT ABSORBENT	26-25-0103	45	0 EACH	SOLVENT ABSORBENT
684	HOLT LLOYD LPS DRY CLEANER TYPE 20 OZ.	37-40-0103	41	113 20 OZ.	SOLVENT CLEANER
717	TEXWIPE TX-109 FREON TP-35/TX-109	70-05-3030	39	22 EACH	SOLVENT CLEANER
364	SONICOR SOLVENT DEGREASER #401/401	30-10-3011	3	1 GALLON	SOLVENT DEGREASER
685	HOLT LLOYD LPS DRY CLEANER 1 GAL. LPS	37-40-0106	26	11 GALLON	SOLVENT/CLEANER
683	HOLT LLOYD LPS-416 ELECT. CONTACT	37-40-0102	12	56 EACH	SOLVENT/CLEANER
546	BORDEN SPRAY PAINT, BLUE/1901,1902	37-16-0025	30	4 CAN	SPRAY PAINT
545	BORDEN SPRAY PAINT, YELLOW/1801,1802	37-16-0023	0	3 CAN	SPRAY PAINT
544	KRYLON SPRAY PAINT, SILVER	37-16-0022	8	0 12 OZ.	SPRAY PAINT
543	BORDEN SPRAY PAINT WHITE/1501	37-16-0021	6	13 EACH	SPRAY PAINT
808	NAPA STARTING FLUID	NONE	2	0 11 OZ. CAN	STARTING FLUID
807	MASTER ENGINE STARTING FLUID	NONE	4	3 11 OZ. CAN	STARTING FLUID
768	THERMO LAG 330-1 SUBLIMING COMPOUND	98-60-0009	28	0 EACH	SUBLIMING COMPOUND
451	COMPOUND TILITE & TERRAZZO FORMULA	36-64-1499	4	0 100LB. DR.	SWEEPING COMPOUND
358	PERMATEX LAYOUT FLUID PRUSSIAN BLUE/35V	30-04-1690	70	0 EACH	THINNER
650	KEELER & LONG 4093 EPOXY THINNER	37-16-5005	34	2 EACH	THINNER
579	VALSPAR THINNER 5 GALLON 7154R	37-16-2025	125	0 GALLON	THINNER
506	KOPPERS THINNER 2000	36-64-6028	20	0 GALLON CAN	THINNER
355	DYKEM LAYOUT FLUID REMOVER/THINNER 138	30-04-1678	28	0 QUART CAN	THINNER
359	CHESTERON BLUE LAYOUT FLUID/371	30-04-1691	47	0 EACH	THINNER
248	VARSOL TYPE 1 PAINT THINNER/CLEANER	17-62-3005	4	0 55 GAL DRM	THINNER/CLEANERR
361	SONICOR CARBON & RUST STRIPPER #205/205	30-10-3008	44	0 QUART	THINNER/STRIPPER
371	SONICOR CARBON & RUST STRIPPER #205/205	30-10-3018	7	0 40 LB BOX	THINNER/STRIPPER
630	CARBOLINE THINNER	37-16-4017	5	0 GALLON	THINNERR
519	TYPE D TONER P.C. 329437	37-08-0751	24	0 EACH	TONER
686	PANAFAX TONER 7 OZ.	37-45-6002	4	0 7 OZ. BTL	TONER
721	XEROX TONER PREMIX	70-71-8002	4	0 EACH	TONER
520	OCE TONER SOLUTION CAT. NO. 2690015	37-08-0752	11	28 EACH	TONER
518	RICHFAX NRP TONER	37-08-0342	72	0 EACH	TONER
530	KODAK K-TONER EKTAPRINT CS-8	37-08-0907	0	27 EACH	TONER
521	PANASONIC PAN TONER	37-08-0810	30	0 EACH	TONER
522	SAVIN 5020 TONER/DEVELOPER	37-08-0811	39	0 BOTTLE	TONER/DEVELOPER
523	SAVIN 5020 TONER/DEVELOPER	37-08-0812	10	0 BOTTLE	TONER/DEVELOPER
143	TRANSMISSION FLUID, DEXTRON II PENNZOIL	17-52-0101	12	7 QUART	TRANSMISSION FLUID
818	WIRE PULLING LUBRICANT	NONE	1	1 5 GAL	WATER SOL LUBRICANT
824	TURTLE WAX CAR WAX	NONE	1	1 18 OZ. CAN	WAX
501	JOHNSONS COMPLETE 1 GALLON DR/14650	36-64-5429	78	0 GALLON CAN	WAX
496	RED LIQUID WINECRETE WAX 5 GAL. CAN	36-64-5424	0	1 5 GAL. CAN	WAX CLEANER
444	HALBRO PLEXIGLASS WINDOW CLEANER	[illegible]-1479	24	0 GALLON	WINDOW CLEANER

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381	REED MINERAL BLACK BEAUTY ABRASIVE	30-72-0314	0	0 100 LB BAG	ABRASIVE
398	PRECO ARMOR-CRETE,MIX A	36-20-0133	0	0 QUART	ADHESIVE
25	EPOLUX CADALAG 336	01-20-2605	0	0 EACH	ADHESIVE
29	CARBOLINE PYROPRIME 772/07-0115-0	01-20-2609	0	0 EACH	ADHESIVE
30	EPOLUX CADABONS #427	01-20-2614	0	0 EACH	ADHESIVE
31	EPOLUX CADALON 540	01-20-2615	0	0 EACH	ADHESIVE
335	LOCTITE QUICK SET ADHESIVE 404/465	24-07-3105	0	0 EACH	ADHESIVE
32	EPOLUX CADASEAL 780B	01-20-2616	0	0 EACH	ADHESIVE
71	EASYPOXY UNDERWATER ADHESIVE K-230	01-95-3607	0	0 EACH	ADHESIVE
43	3M ADHESIVE EC-826, TUBE/62-0826	01-95-0203	0	0 EACH	ADHESIVE
33	EPOLUX CADASEAL 745	01-20-2617	0	0 EACH	ADHESIVE
20	CADASEAL #725	01-20-2600	0	0 EACH	ADHESIVE
26	EPOLUX CADOPRENE #400	01-20-2606	0	0 EACH	ADHESIVE
22	EPOLUX CADASEAL # 700	01-20-2602	0	0 EACH	ADHESIVE
28	AGM TACTOO GPA-72	01-20-2608	0	0 EACH	ADHESIVE
24	CARBOLINE PYROCRETE 104	01-20-2604	0	0 EACH	ADHESIVE
23	CARBOLINE PYROCRETE 201	01-20-2603	0	0 EACH	ADHESIVE
27	GAC ADHESIVE 77-198	01-20-2607	0	0 EACH	ADHESIVE
21	EPOLUX CADALAR 600 SERIES	01-20-2601	0	0 EACH	ADHESIVE
50	ADHESIVE KIT SMITH ISLAND/DS-7014	01-95-0510	0	0 EACH	ADHESIVE
757	GE RTV 9811 SILICONE RUBBER	87-61-0106	0	0 EACH	ADHESIVE
756	GE RTV 60 SILICONE RUBBER	87-61-0105	0	0 EACH	ADHESIVE
392	CARBOLINE PYROCRETE 241	36-16-0016	0	0 EACH	ADHESIVE CEMENT
702	PLAS-DUX ADHESIVE COMPOUND 1 LB. BAG	53-12-2005	0	0 1 LB. BAG	ADHESIVE COMPOUND
39	AMERON AMERPLATE 19Y ADHESIVE PRIMER	01-95-0101	0	0 EACH	ADHESIVE PRIMER
57	LOCTITE ADHESIVE SEALANT 242	01-95-1890	0	0 EACH	ADHESIVE SEALANT
660	LOCTITE ADHESIVE SEALANT 240	37-38-5001	0	0 EACH	ADHESIVE SEALANT
740	AMBERLITE ANION RESIN IR-420 7 CU. FT.	87-10-7260	0	0 EACH	ANION RESIN
92	CITRIC ACID	16-05-2000	0	0 EACH	BULK CHEMICAL
102	SODIUM HYDROXIDE, BULK	16-92-2010	0	0 GALLON	BULK CHEMICAL
417	UREA FOR ICE MELTING NON-SALT 80LB BAY	36-57-3001	0	0 80 LB. BAG	BULK CHEMICAL
765	DUPONT P-NITROTOLUENE,TECH GRADE	93-58-0080	0	0 EACH	BULK CHEMICAL
675	BENZENE, 55 GALLON	37-40-0050	0	0 55 GAL.	BULK CHEMICAL
674	BENZENE, 1 GALLON	37-40-0049	0	0 EACH	BULK CHEMICAL
671	ALCOHOL, DENATURED, METHANOL ELECTRONIC	37-40-0019	0	0 GALLON	BULK CHEMICAL
688	FREON 22	42-50-1810	0	0 EACH	BULK CHEMICAL
710	METHYLENE CHLORIDE/55590	68-31-3006	0	0 EACH	BULK CHEMICAL
629	CARBOLINE CARBOGLAS, 1678 PART A,1600	37-16-4015	0	0 EACH	CATALYST
743	DOWEX MONOSPHEERE TG CATION RESIN	87-10-7263	0	0 EACH	CATION RESIN
714	THERMON HEAT TRANSFER CEMENT GRADE T-3	69-58-3222	0	0 EACH	CEMENT ADHESIVE
53	IPS WELD-ON 711 PVC CEMENT SEALER/MEDIUM	01-95-0603	0	0 PINT	CEMENT SEALER
55	IPS WELD-ON 717 PVC CEMENT SOLVENT	01-95-0605	0	0 PINT	CEMENT SOLVENT
94	NALCO SOLUTION 50771	16-37-8092	0	0 EACH	CHEMICAL INDICATOR
93	NALCO SOLUTION 50770 2 OZ.	16-37-8091	0	0 EACH	CHEMICAL INDICATOR
452	WIZARD-BID-O-WICK DEODORANT	36-64-1620	0	0 EACH	CLEANER
463	CREATIVE SUPER CONCENTRATED BOWL CLEANER	36-64-1654	0	0 EACH	CLEANER
448	BLUE GLASS CLEANER W/SPRAY	36-64-1483	0	0 GALLON	CLEANER

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426	BORO-GUARD CLEANER	36-64-1453	0	0 EACH	CLEANER
510	CLEANER-INDUSTRIAL-LAB 5 GAL. PAIL	37-04-0505	0	0 5 GAL. CAN	CLEANER
467	CREATIVE SUPER CONCENTRATE BOWL CLEANER	36-64-1658	0	0 EACH	CLEANER
432	SUPPLIES CLEANER SBS-60	36-64-1459	0	0 EACH	CLEANER
9	LENS CLEANER SPRAY PUMP K-LENS-M	00-50-1504	0	0 EACH	CLEANER
434	SSS SCUTTY CLEANER LIQUID 55 GAL DRUM	36-64-1461	0	0 55 GAL. DR	CLEANER
453	JOHNSON'S ENVY AEROSOL	36-64-1622	0	0 EACH	CLEANER
419	AMMONIA, CLOUDY	36-64-1151	0	0 EACH	CLEANER
424	AFTA CLEANER	36-64-1451	0	0 EACH	CLEANER
465	SANI-MIST DISINFECTANT 5 GAL. CAN	36-64-1656	0	0 5 GAL. CAN	CLEANER
423	AJAX CLEANER	36-64-1450	0	0 EACH	CLEANER
454	COE-64 DEODORANT, 2 OZ.	336-64-163	0	0 EACH	CLEANER
464	MICROFICANT OPIOIDES DISINFECTANT	36-64-1655	0	0 EACH	CLEANER
435	SSS SCOTTY CLEANER LIQUID 55 GAL. DRUM	36-64-1462	0	0 55 GAL. DR	CLEANER
476	SOAP, HAND, BORAXO	36-64-4713	0	0 EACH	CLEANER
431	HAND CLEANER, SBS-30 4 GAL./CASE	36-64-1458	0	0 GALLON	CLEANER
468	FLORTONE WATER WHITE TERRANZO	36-64-2100	0	0 EACH	CLEANER
447	BLUE GLASS CLEANER, GALLON W/O SPRAY	36-64-1482	0	0 GALLON	CLEANER
430	HAND CLEANER, SBWS-30 4 GAL/CASE	36-64-1457	0	0 GALLON	CLEANER
457	BIG O DEODORANT	36-64-1626	0	0 EACH	CLEANER
475	BORAXO HAND CLEANER 5LB BOX	36-64-4709	0	0 EACH	CLEANER
459	SB S-52 CLEANER-DISINFECTANT-SANITIZER	36-64-1650	0	0 EACH	CLEANER
455	BOWL HANGER DEODORANT	36-64-1624	0	0 EACH	CLEANER
456	SSS UNITAB SCREENS DEODORANT 12/4 OZ.	36-64-1625	0	0 4 OZ.	CLEANER
458	SSS UNITAB SCREEN DEODORANT URINAL 12/4	36-64-1627	0	0 4 OZ.	CLEANER
339	WILKINS LENS CLEANER	26-15-1102	0	0 16 OZ.	CLEANER/ANTI-FOG
338	WILKINS ANTI-FOG LIQUID FOR LENSES	26-15-1101	0	0 16 OZ.	CLEANER/ANTI-FOG
461	MINOTONE DISINFECTANT GALLON CAN	36-64-1652	0	0 GALLON	CLEANER/DISINFECTANT
462	MINOTONE DISINFECTANT, 5 GAL. CAN	36-64-1653	0	0 5 GAL. CAN	CLEANER/DISINFECTANT
678	HOLY LLOYD CLEANER LUBRICANT LPS-3 HD	37-40-0062	0	0 11 OZ.	CLEANER/LUBRICANT
481	JOHNSONS FLOOR BARE 5 GAL. CAN	36-64-4751	0	0 EACH	CLEANER/STRIPPER
482	JOHNSONS STEP OFF STRIPPER 5 GAL. CAN	36-64-4752	0	0 EACH	CLEANER/STRIPPER
479	JOHNSONS SNAPBACK LIQUID	36-64-4746	0	0 EACH	CLEANER/STRIPPER
489	JOHNSONS STEP OFF STRIPPER 5 GAL. CAN	36-64-5416	0	0 5 GAL.	CLEANER/STRIPPER
673	ALCOHOL, DENATURED,METHANOL ELECTRONIC	37-40-0021	0	0 EACH	CLEANING SOLVENT
550	GLYPTAL CLEAR INSULATING VARNISH/1202	37-16-0034	0	0 EACH	CLEAR VARNISH
661	3M SCOTCHKOTE ELECTRICAL COATING	37-38-5002	0	0 EACH	COATING
639	CARBOLINE SANITILE PC BASE COAT/L\20306	37-16-4028	0	0 EACH	COATING
643	PETTIT PAINT VINYL RED UNDERCOAT/6644	37-16-4060	0	0 EACH	COATING
627	CARBOLINE POLYTOK FINISH 135 A&B	37-16-4011	0	0 EACH	COATING
626	CARBOLINE POLYTOK DECK COATING 131 PARTA	37-16-4010	0	0 EACH	COATING
625	CARBOLINE 1340 CLEAR, PARTS A&B	37-16-4009	0	0 EACH	COATING
657	AMERON AMERCOAT FINISH CURE	37-16-5104	0	0 EACH	CURING AGENT
399	HORNCURE 30 CURING AGENT	36-20-0134	0	0 5 GAL.PAIL	CURING AGENT
90	TREMCO DYMERIC CURING AGENT	01-95-4080	0	0 EACH	CURING AGENT
656	AMERON AMERCOAT 56C PRIMER CURE	37-16-5103	0	0 EACH	CURING AGENT
403	MASTER BUILDERS MB-429 CURING COMPOUND	36-20-0142	0	0 GALLON	CURING COMPOUND

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ENTR	CHEMICAL NAME	STORES NUMBER	ON HAND	ANNUAL USEAGE	MATERIAL TYPE
370	SONICOR PHOSPHORIC ACID DETERGENT #301	30-10-3017	0	0 30 GAL. DR	DETERGENT
528	HUNT PRESNIUM STAR 97 DEVELOPER/864603	37-08-0905	0	0 EACH	DEVELOPER
532	STAR DEVELOPER, 30/36 FOR XEROX 600/840	37-08-0911	0	0 EACH	DEVELOPER
538	HUNT PREMIUM STAR-12 DEVELOPER	37-08-0917	0	0 EACH	DEVELOPER
536	3M BRAND CD-5 DEVELOPER	37-08-0915	0	0 EACH	DEVELOPER
659	HUNT PREMIUM STAR 12 DEVELOPER	37-38-0917	0	0 EACH	DEVELOPER
386	MAGNAFLUX DEVELOPER/SKD-NFZP-9B	34-44-5003	0	0 EACH	DEVELOPER
450	DISINFECTANT INDUSTRIAL CLEANER 5 GAL.	36-64-1485	0	0 5 GAL. CAN	DISINFECTANT CLEANER
547	GLYPTAL AEROSOL COATING/1201A	37-16-0029	0	0 GALLON	ENAMEL PAINT
549	GLYPTAL PAINT, PINT/1201 RED	37-16-0032	0	0 PINT	ENAMEL PAINT
637	CARBOLINE SANITILE ILT TROWELL P[illegible]	37-16-4026	0	0 EACH	EPOXY
636	CARBOLINE SANITILE ILT TROWELL F[illegible]	37-16-4025	0	0 EACH	EPOXY
393	SMITH-INLAND COMPOUND,EPOXY/FIBERGLASS	36-20-0100	0	0 EACH	EPOXY ADHESIVE
415	SMOOTH ON ADHESIVE EA 40 CLEAR EPOXY	36-30-0001	0	0 EACH	EPOXY ADHESIVE
602	VALSPAR PAINT EPOXY PART B	37-16-2151	0	0 GALLON	EPOXY PAINT
603	VALSPAR PAINT EPOXY SURFACER PAIL A&B	37-16-2152	0	0 EACH	EPOXY PAINT
641	DEXTER EPOXY PATCH KIT 907 HARDENER	37-16-4049	0	0 EACH	EPOXY PATCH
609	IMPERIAL STARGLAZE 2031 EPOXY RESIN A&B	37-16-2301	0	0 EACH	EPOXY RESIN
623	CARBOLINE PHENOLINE 302 PART B GREEN	37-16-4007	0	0 EACH	FILLER
621	CARBOLINE PHENOLINE 302 PART B BLACK	37-16-4005	0	0 EACH	FILLER
617	CARBOLINE PHENOLINE 300, ORANGE PART A	37-16-4001	0	0 EACH	FILLER
618	CARBOLINE PHENOLINE 300, ORANGE PART B	37-16-4002	0	0 EACH	FILLER
622	CARBOLINE PHENOLINE 302 PART A GREEN	37-16-4006	0	0 EACH	FILLER
619	CARBOLINE SPECIAL MICA FILLER	37-16-4003	0	0 EACH	FILLER
620	CARBOLINE PHENOLINE 302 PART A BLACK	37-16-4004	0	0 EACH	FILLER
635	CARBOLINE SANITILE HG/1652A6NL	37-16-4024	0	0 EACH	FILLER/PATCH
655	AMERON AMERCOAT 56C FINISH RESIN	37-16-5102	0	0 EACH	FINISH RESIN
5	EYE WASH 16 OZ. PLASTIC BOTTLE	00-13-6055	0	0 BOTTLE	FIRST AID
535	3M FIXER AND FIX SOLUTION	37-08-0914	0	0 EACH	FIXER
638	CARBOLINE SANITILE 550 FORTIFIER/L061352	37-16-4027	0	0 EACH	FORTIFIER
269	MOBILTEMP 1/640177	17-64-0176	0	0 EACH	GREASE
276	SOVAREX GREASE L 0/640227	17-64-0228	0	0 EACH	GREASE
277	SOVAREX GREASE L 1/640235	17-64-0234	0	0 EACH	GREASE
271	MOBILTEMP 78/640193	17-64-0194	0	0 EACH	GREASE
297	MOBILITH 22/643510	17-64-3514	0	0 EACH	GREASE
301	ANDOK BR, 5 GAL. PAIL/419110-04788	17-64-4501	0	0	GREASE
270	MOBILTEMP 1/640177	17-64-0178	0	0 120 LB PL	GREASE
299	MOBILITH 22/643510	17-64-3518	0	0 EACH	GREASE
298	MOBILITH 22/643510	17-64-3516	0	0 EACH	GREASE
302	EXXON NEBULA, EP-1/436031-04570	17-64-4502	0	0 EACH	GREASE
273	MOBILTEMP 78/640193	17-64-0198	0	0 EACH	GREASE
304	SHELL,ALVANIA NO. 2/71013	17-64-5001	0	0 EACH	GREASE
272	MOBILTEMP 78/640193	17-64-0196	0	0 EACH	GREASE
296	MOBILITH 21/643502	17-64-3508	0	0 EACH	GREASE
295	MOBILITH 21/643502	17-64-3506	0	0 EACH	GREASE
294	MOBILITH 21/643502	17-64-3504	0	0 EACH	GREASE
293	EXXON ANDOK BR. GREASE/419110-04788	17-64-2506	0	0 EACH	GREASE

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292	MOBILUX EP 0/641290	17-64-1298	0	0 EACH	GREASE
291	MOBILUX EP 0/641290	17-64-1296	0	0 EACH	GREASE
281	MOBILGREASE GRPH 3/640631	17-64-0636	0	0 EACH	GREASE
280	MOBILGREASE GRPH 3/640631	17-64-0634	0	0 EACH	GREASE
274	SOVAREX GREASE L 0/640227	17-64-0224	0	0 EACH	GREASE
278	SOVAREX GREASE L 1/640235	17-64-0236	0	0 EACH	GREASE
286	MOBILUX EP 2/641274	17-64-1278	0	0 EACH	GREASE
285	MOBILUX EP 2/641274	17-64-1276	0	0 EACH	GREASE
284	MOBILUX EP 2/641274	17-64-1274	0	0 EACH	GREASE
287	MOBILUX EP 1/641282	17-64-1284	0	0 EACH	GREASE
313	SHELL ALVANIA GREASE 2	17-64-6103	0	0 EACH	GREASE
279	SOVAREX GREASE L 1/640235	17-64-0238	0	0 EACH	GREASE
267	MOBILGREASE 28, 5GAL.,35LB PAIL/530626	17-64-0150	0	0 5 GAL.	GREASE
268	MOBILTEMP 1/640177	17-64-0174	0	0 EACH	GREASE
288	MOBILUX EP 1/641282	17-64-1296	0	0 EACH	GREASE
275	SOVAREX GREASE L 0/640227	17-64-0226	0	0 EACH	GREASE
289	MOBILUX EP 1/641282	17-64-1288	0	0 EACH	GREASE
120	MOBIL DELVAC 1310/440701	17-44-0708	0	0 QUART	GREASE/ LUBE OIL
122	MOBIL DELVAC 1330/440727	17-44-0728	0	0 QUART	GREASE/LUBE OIL
154	MOBILGREASE SPECIAL/530303	17-53-0304	0	0 EACH	GREASE/LUBE OIL
156	MOBILGREASE SPECIAL/530303	17-53-0308	0	0 EACH	GREASE/LUBE OIL
155	MOBIL GREASE SPECIAL/530303	17-53-0306	0	0 EACH	GREASE/LUBE OIL
158	MOBIL GREASE 28/530626	17-53-0310	0	0 EACH	GREASE/LUBE OIL
159	MOBIL VACTRA 88/580431	17-58-0438	0	0 EACH	GREASE/LUBE OIL
144	MOBIL FLUID 99/520155	17-52-0158	0	0 EACH	GREASE/LUBE OIL
142	MOBILUBE 46 SAE90/510412	17-51-0148	0	0 EACH	GREASE/LUBE OIL
141	MOBILUBE 46 SAE90/510412	17-51-0416	0	0 EACH	GREASE/LUBE OIL
140	MOBILUBE 46 SAE 90/510412	17-51-0414	0	0 EACH	GREASE/LUBE OIL
139	MOBILUBE HD 140/510198	17-51-0198	0	0 EACH	GREASE/LUBE OIL
138	MOBILUBE HD 140/510198	17-51-0168	0	0 EACH	GREASE/LUBE OIL
130	MOBILUBE C 140/510123	17-51-0128	0	0 EACH	GREASE/LUBE OIL
123	MOBIL DELVAC 1340/440735	17-44-0738	0	0 QUART	GREASE/LUBE OIL
134	MOBILUBE HD 80-90/510156	17-51-0156	0	0 EACH	GREASE/LUBE OIL
127	MOBILUBE C 90/510115	17-51-0116	0	0 EACH	GREASE/LUBE OIL
133	MOBILUBE HD 80-90/510156	17-51-0154	0	0 EACH	GREASE/LUBE OIL
131	MOBILUBE C 140/510123	17-51-0146	0	0 EACH	GREASE/LUBE OIL
161	MOBIL DTE 797/600114	17-60-0111	0	0 EACH	GREASE/LUBE OIL
136	MOBILUBE HD 140/510198	17-51-0164	0	0 EACH	GREASE/LUBE OIL
129	MOBILUBE C 140/510123	17-51-0126	0	0 EACH	GREASE/LUBE OIL
135	MOBILUBE HD 80-90/510156	17-51-0158	0	0 EACH	GREASE/LUBE OIL
121	MOBIL DELVAC 1320/440719	17-44-0718	0	0 QUART	GREASE/LUBE OIL
132	MOBILUBE HD 90/510156	17-51-0148	0	0 EACH	GREASE/LUBE OIL
137	MOBILUBE HD 140/510198	17-51-0166	0	0 EACH	GREASE/LUBE OIL
128	MOBILUBE C 90/510115	17-51-0118	0	0 EACH	GREASE/LUBE OIL
230	MOBIL GEAR 626/610857	17-61-0859	0	0 EACH	GREASE/LUBE OIL
108	GE VERSILUBE G 392	17-16-8008	0	0 QUART	GREASE/LUBE OIL
701	GE FILLED DIMETHYL POLYSILOXANE GREASE	51-40-5108	0	0 GALLON	GREASE/LUBRICANT

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718	NYE RHEOLUBE LUBRICATING GREASE/719L	70-21-0017	0	0 EACH	GREASE/LUBRICANT
725	G.E. VARI-PURPOSE GEAR LUBRICANT/608	71-65-6013	0	0 6 GALLON	GREASE/LUBRICANT
443	GO-JO INDUSTRIES ORIGINAL HAND CLEANER	36-64-1470	0	0 EACH	HAND CLEANER
385	SWEENEY 509 HYDRAULIC FLUID/3191	30-88-7135	0	0 EACH	HYDRAULIC FLUID
753	NALCO CORROSION INHIBITOR	87-25-5507	0	0 EACH	INHIBITOR
472	JOHNSON BOLT -FLYING INSECTS	36-64-2702	0	0 EACH	INSECTICIDE
698	DIAMOND-VOGEL MED GRAY LOW SHEEN LACQUER	51-40-3068	0	0 EACH	LACQUER
541	MURALO LATEX FIRE RETARDANT FLAT PAINT	37-16-0001	0	0 GALLON	LATEX PAINT
215	MOBIL MIST LUBE 27/607028	17-60-7028	0	0 EACH	LUBE OIL
211	MOBIL SHC 630/602953	17-60-2958	0	0 EACH	LUBE OIL
202	MOBIL DTE 13/602680	17-60-2688	0	0 EACH	LUBE OIL
220	FYROQUEL EHC, STAUFFER CHEMICAL	17-60-7475	0	0	LUBE OIL
201	MOBIL DTE 25/602631	17-60-2638	0	0 EACH	LUBE OIL
109	MOBIL, SAE, NON-DETERGENT	17-44-0210	0	0 QUART	LUBE OIL
200	MOBIL DTE 24/602623 55 GAL DRUM	17-60-2628	0	0 55 GAL DRM	LUBE OIL
208	MOBIL GUARD 312/602474 55 GAL DRUM	17-60-2863	0	0 55 GAL DRM	LUBE OIL
216	MOBIL MIST LUBE 34/607143	17-60-7148	0	0 EACH	LUBE OIL
209	MOBIL SHC 639/602904	17-60-2908	0	0 EACH	LUBE OIL
189	MOB 600W CYL. OIL/601260	17-60-1268	0	0 EACH	LUBE OIL
187	MOB EX HEC SUP. MIN./601245	17-60-1248	0	0 EACH	LUBE OIL
186	MOB EX HEC SUP. MIN./601245	17-60-1245	0	0 EACH	LUBE OIL
190	GG ARTIC OIL 300/601732 55 GAL	17-60-1735	0	0 GAL	LUBE OIL
195	MOBIL DTE 105	17-60-1888	0	0 EACH	LUBE OIL
194	MOBIL DTE 103	17-60-1878	0	0 EACH	LUBE OIL
193	MOBIL DTE 103	17-60-1875	0	0 EACH	LUBE OIL
197	MOB VAC PUMP OIL/601906	17-60-1908	0	0 EACH	LUBE OIL
183	MOB 600W SUPER CYL./601211	17-60-1215	0	0 EACH	LUBE OIL
181	MOBIL VELOCITE 10/600684	17-60-0688	0	0 EACH	LUBE OIL
178	MOBIL VELOCITE 6/600668	17-60-0668	0	0 EACH	LUBE OIL
238	MOBILTAC A/883108	17-61-1006	0	0 EACH	LUBE OIL
242	MOBILTAC MM/611210	17-61-1214	0	0 EACH	LUBE OIL
174	MOBIL VELOCITE 8/600577	17-60-0575	0	0 EACH	LUBE OIL
196	MOB VAC PUMP OIL/6011880	17-60-1905	0	0 EACH	LUBE OIL
198	MOBIL FYROGARD D/601906	17-60-2018	0	0 EACH	LUBE OIL
192	9 SOC OVEN CONV LUBT/601856	17-60-1858	0	0 EACH	LUBE OIL
170	MOBIL VACTR OIL 2/580381	17-60-0495	0	0 55 GAL DRM	LUBE OIL
188	MOB 600W CYL. OIL/601260	17-60-1265	0	0 EACH	LUBE OIL
233	MOBIL GEAR 630/610873	17-61-0878	0	0 EACH	LUBE OIL
179	MOBIL VELOCITE 10/600684	17-60-0685	0	0 EACH	LUBE OIL
235	MOBIL GEAR 632/610881	17-61-0889	0	0 EACH	LUBE OIL
172	MOBIL VACTRA OIL 4/600510	17-60-0515	0	0 EACH	LUBE OIL
236	MOBIL . . 634/610907	17-61-0908	0	0 EACH	LUBE OIL
239	MOBILTAC E55/611046	17-61-1046	0	0 EACH	LUBE OIL
171	MOBIL VACTRA OIL 2/580381	17-60-0498	0	0 EACH	LUBE OIL
240	MOBILTAC-E SPRAY/611046	17-61-1047	0	0 EACH	LUBE OIL
177	MOBIL VELOCITE 6/600668	17-60-0665	0	0 EACH	LUBE OIL
175	MOBIL VELOCITE 8/600577	17-60-0578	0	0 EACH	LUBE OIL

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173	MOBIL VACTRA OIL 4 - 0510 55 GAL DRUM	17-60-0518	0	0 55 GAL DRM	LUBE OIL
323	MOBILARMA 245/667022	17-66-7025	0	0 EACH	LUBRICANT
257	AMERICAN POLYWATER CABLE PULL LUBE-J	17-63-0017	0	0 EACH	LUBRICANT
252	NEVER-SEEZ,NUC. GRADE, 8LB CAN, 4/CASE	17-63-0004	0	0 8 LB. CAN	LUBRICANT
324	MOBILARMA 245/667022	17-66-7028	0	0 EACH	LUBRICANT
336	LOCTITE WATERPROOF SOLUTION/741	24-07-3107	0	0 EACH	LUBRICANT
265	H.B. FULLER BRIDIGING ENCAPSULANT FOSTER	17-63-3001	0	0 EACH	LUBRICANT
334	MOBILTHERM 603/680512	17-68-0518	0	0 EACH	LUBRICANT
327	MOBILARMA 777/667162	17-66-7768	0	0 EACH	LUBRICANT
258	AMERICAN POLYWATER CABLE PULL LUBE-WJ	17-63-0018	0	0 GALLON	LUBRICANT
224	LUBRICANT, GE SILICONE 8 OZ. TUBE	17-60-8001	0	0 8 OZ.	LUBRICANT
325	MOBILARMA 355/667055	17-66-7058	0	0 EACH	LUBRICANT
332	MOBILSOL A/680355	17-68-0355	0	0 EACH	LUBRICANT
317	TEXACO CAPELLA WF68 1 GAL. PAIL	17-64-7503	0	0 1 GAL. PL.	LUBRICANT
247	WD-40 LUBRICANT	17-62-3004	0	0 EACH	LUBRICANT
243	FLOWREX 200/621649	17-62-1648	0	0 EACH	LUBRICANT
328	MOBILARMA 798/667212	17-66-7218	0	0 EACH	LUBRICANT
322	MOBILMET S 122/880013	17-66-0018	0	0 EACH	LUBRICANT
331	MOBILTHERM LIGHT/680306	17-68-0308	0	0 EACH	LUBRICANT
333	MOBILSOL A/680355	17-68-0358	0	0 EACH	LUBRICANT
694	PARKER-HANNAFIN SUPER-O-LUBE	49-01-0151	0	0 EACH	LUBRICANT
762	GE VERSILUBE G351	89-97-0237	0	0 EACH	LUBRICANT
251	NEVER-SEEZ,NUC. GRADE,4LB CAN 4/CASE	17-63-0003	0	0 4LB CAN	LUBRICANT
719	VASELINE	70-23-0050	0	0 EACH	LUBRICANT
726	ELECTRO NATIONAL RATCHET LUBE	71-75-0007	0	0 EACH	LUBRICANT
263	GRAPHITE SUSPENDED IN ISOPROPANOL 5 GAL.	17-63-2005	0	0 5 GAL. CAN	LUBRICANT
728	MOBIL OIL SHC 824/602755	72-47-5512	0	0 EACH	LUBRICANT OIL
473	BOYLE-MIDWAY NOXON METAL POLISH GALLON	36-64-4100	0	0 EACH	METAL POLISH
44	PETTIT PAINT METAL PRIMER & ACTIVATOR	37-16-4061	0	0 EACH	METAL PRIMER
219	MOBIL,WHITEREX-425/622407 MINERAL OIL	17-60-7300	0	0 GALLON	MINERAL OIL
153	INSULGREASE G641 GE SILICONE DIELECT CPD	17-53-0202	0	0 EACH	MISC. GREASE
214	ETNA 26/606988	17-60-6988	0	0 EACH	MISC. OIL
213	ETNA 24/606962	17-60-6968	0	0 EACH	MISC. OIL
515	HECTO MAST 8.5x14 100/BOX	37-08-0203	0	0 EACH	MISCELLANEOUS
514	HECTO MAST 8.5x11 100/BOX	37-08-0202	0	0 EACH	MISCELLANEOUS
512	CORRECTION FLUID GALLON CAN	37-08-0200	0	0 EACH	MISCELLANEOUS
513	HECTO MAST 11x17 100/BOX	37-08-0201	0	0 EACH	MISCELLANEOUS
707	BATTERY, LEAD CALCIUM 30 AMP	68-09-7002	0	0 EACH	MISCELLANEOUS
534	OIL FUSER STAR 30/36 FOR XEROX 600/840	37-08-0913	0	0 EACH	MISCELLANEOUS OIL
695	GE MERCURY SWITCH/121A7505-P8	51-40-5062	0	0 EACH	N/A
758	INSULATION COLLECTOR KIT	89-14-0651	0	0 EACH	N/A
700	GE MERCURY SWITCH	51-40-5074	0	0 EACH	N/A
752	TURBO CHARGER COMPLETE ASSY	87-25-1114	0	0 EACH	N/A
113	MOBIL DELVAC SPL 20W40/440230	17-44-0238	0	0 QUART	OIL
150	MOBIL FLUID 350/605758	17-52-2260	0	0 EACH	OIL
149	MOBIL FLUID 300/522250	17-52-2258	0	0 EACH	OIL
151	MOBIL FLUID 423/522318	17-52-2318	0	0 EACH	OIL

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112	MOBIL DELVAC SPL 20W40/440230	17-44-0232	0	0 QUART	OIL
111	MOBIL DELVAC SPL 10W30	17-44-0228	0	0 QUART	OIL
110	MOBIL DELVAC SPL 10W30	17-44-0222	0	0 QUART	OIL
359	BENJAMIN MOORE THALO GREEN COLORAN	37-16-0108	0	0 EACH	PAINT
586	TNEMEC PAINT CHLOROLINE SERIES 13	37-16-2105	0	0 EACH	PAINT
589	TNEMEC PAINT CHLOROLINE SERIES 13	37-16-2108	0	0 GALLON	PAINT
652	KEELER & LONG EPOXY ENAMEL PART B	37-16-5007	0	0 GALLON	PAINT
651	KEELER & LONG EPOXY ENAMEL PART A	37-16-5006	0	0 EACH	PAINT
585	TNEMEC PAINT CHLOROLINE SERIES 13 WHITE	37-16-2104	0	0 EACH	PAINT
577	VALSPAR PAINT MOBILE HIGH HEAT WHITE	37-16-2008	0	0 GALLON	PAINT
648	KEELER & LONG PAINT EPOXY SURFACER	37-16-5003	0	0 GALLON	PAINT
556	BENJAMIN MOORE MAGENTA COLORANT	37-16-0105	0	0 EACH	PAINT
551	BENJAMIN MOORE WHITE COLORANT	37-16-0150	0	0 EACH	PAINT
552	BENJAMIN MOORE YELLOW COLORANT	37-16-0101	0	0 EACH	PAINT
558	BE[illegible]AMIN MOORE BRIGHT BLUE COLORANT	37-16-0107	0	0 EACH	PAINT
647	PAINT, GRAY PRIMER	37-16-5002	0	0 GALLON	PAINT
562	BENJAMIN MOORE BLACK COLORANT	37-16-0111	0	0 EACH	PAINT
555	BENJAMIN MOORE CLEAR RED COLORANT	37-16-0104	0	0 EACH	PAINT
553	BENJAMIN MOORE OXIDE YELLOW COLORANT	37-16-0102	0	0 EACH	PAINT
561	BE[illegible]AMIN MOORE GRAY COLORANT	37-16-0110	0	0 EACH	PAINT
653	KEELER & LONG YELLOW EPOXY ENAMEL	37-16-5008	0	0 GALLON	PAINT
594	TNEMEC PAINT SAPHIRE 2H HI-BUILD GLOSS	37-16-2113	0	0 EACH	PAINT
747	ALKYD RESIN FIRE RETARDANT PAINT	87-22-4069	0	0 EACH	PAINT
557	BENJAMIN MOORE RED TONER COLORANT	37-16-0106	0	0 EACH	PAINT
599	TNEMEC [illegible]NT,SANDSTONE, 2H, HI-BUILD	37-16-2118	0	0 GALLON	PAINT
595	TNEMEC [illegible] QUARETILE 2H HI-BUILD GLOSS	37-16-2114	0	0 GALLON	PAINT
569	MARTEX [illegible]X NON-SKID FLOOR/DECK COAT	37-16-1111	0	0 EACH	PAINT
611	IMPERIAL [illegible]F. COATING TALC, MAGNESIUM	37-16-2303	0	0 EACH	PAINT
554	BENJAMIN MOORE RED OXIDE COLORANT	37-16-0103	0	0 EACH	PAINT
649	KEELER & LONG PAINT EPOXY CLEAR	37-16-5004	0	0 GALLON	PAINT
566	MARTEX FERROX NON-SKID PAINT, BLACK	37-16-1105	0	0 EACHON	PAINT
560	BENJAMIN MOORE ORANGE COLORANT	37-16-0109	0	0 EACH	PAINT
564	CARBOLINE PRODUCT THINNER/49	37-16-0113	0	0 EACH	PAINT
563	CARBOLINE SANITILE SATIN	37-16-0112	0	0 EACH	PAINT
590	TNEMEC PAINT OYSTER SHELL 2H HI-BUILD	37-16-2109	0	0 EACH	PAINT
612	CARBO ZN 11 BASE PART A/ ZN FILLER	37-16-3010	0	0 EACH	PAINT FILLER
607	TNEMEC SERIES 4 VERSARE PRIMER, RED	37-16-2200	0	0 EACH	PAINT PRIMER
583	PAINT P[illegible]ER, OIL BASE WHITE, MOBIL	37-16-2102	0	0 GALLON	PAINT PRIMER
640	CARBOLINE SANITILE PATCHING COMPOUND	37-16-4029	0	0 EACH	PATCHING COMPOUND
699	DIAMOND-VOGEL GRAY PRIMER/PL-0613	51-40-5069	0	0 EACH	PRIMER
407	TRIMCO PRIMER NO. 1	36-20-0146	0	0 GALLON	PRIMER CHEMICAL
411	FOSROC NITROPRIME ZINCHRICH PRIMER PAINT	36-20-0150	0	0 GALLON	PRIMER PAINT
654	AMERON AMERCOAT 56C PRIMER RESIN	37-16-5101	0	0 EACH	PRIMER RESIN
79	LOCTITE LOCQUIC PRIMER NF AEROSOL/736	01-95-4009	0	0 EACH	PRIMER SEALANT
78	LOCTITE LOCQUIC PRIMER N/764	01-95-4008	0	0 EACH	PRIMER SEALANT
741	ROHM & HAAS IR-120 PLUS RESIN	87-10-7261	0	0 EACH	RESIN
767	GE ION EXCHANGE RESIN	94-46-0581	0	0 EACH	RESIN

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382	HOUGHTON RUST-VETO SPRAY RUST PREVENT.	30-73-0882	0	0 EACH	RUST PREVENTITIVE
383	HOUGHTON WEATHERSHED SPRAY RUST PREVENT.	30-73-0883	0	0 EACH	RUST PREVENTITIVE
10	DOW CORNING 3-6548 SILICONE RTV FOAM A/B	01-20-2551	0	0 EACH	SEALANT
17	DOW CORNING SEALANT ADHESIVE 732	01-20-2562	0	0 EACH	SEALANT
68	CARTRIDGE, RTV FOAM SILICONE	01-95-2104	0	0 EACH	SEALANT
80	LOCTITE PIPE SEALANT/592	01-95-4010	0	0 EACH	SEALANT
13	BISCOSEAL TP-28	01-20-2557	0	0 EACH	SEALANT
404	NITROSEAL 225 SEALANT	36-20-0143	0	0 1.5 GAL.	SEALANT
56	LOCTITE SEALANT	01-95-1749	0	0 EACH	SEALANT
15	BISCO LOCASEAL	01-20-2560	0	0 EACH	SEALANT
58	DURO DYNE S-2 DUCT SEALANT	01-95-1900	0	0 EACH	SEALANT
16	DOW CORNING BUILDING SEALANT 790	01-20-2562	0	0 EACH	SEALANT
763	HORN VERTICAL GUN GRADE SEALANT	90-70-0418	0	0 EACH	SEALANT
75	LOCTITE ADHESIVE SEALANT/222	01-95-4004	0	0 EACH	SEALANT
12	METALLIC OXIDE SILICONE ELASTOMER	01-20-2553	0	0 EACH	SEALANT
11	SYLGARD SILICONE ELASTOMER	01-20-2552	0	0 EACH	SEALANT
14	BISCOSEAL TC-33	01-20-2558	0	0 EACH	SEALANT
746	POLYMERIC PLASTICIZER BASE DUCT SEAL	87-22-4065	0	0 EACH	SEALANT
769	HORNFLEX TRAFFIC GRADE SEALANT	98-60-0026	0	0 EACH	SEALANT
410	RENCEROL HB CONCRETE CRACK SEALER	36-20-0149	0	0 5 GAL.	SEALER
487	CRYSTAL CHEMICAL UNDERCOAT SEALER	36-64-5414	0	0 GALLON	SEALER
408	NITROSEAL 225/240 PRIMER	36-20-0147	0	0 GALLON	SEALER/PRIMER
227	DOW CORNING 200 SILICONE FLUID	17-60-8006	0	0 EACH	SILICONE FLUID
711	GE SOLVENT MIXTURE/10-8669	68-33-0002	0	0 EACH	SOLVENT
670	ACETONE, ELECTRONIC GRADE 55 GALLON	37-40-0003	0	0 55 GAL. DR	SOLVENT
337	LOCTITE CLEAN UP SOLVENT/753-53	24-07-3108	0	0 EACH	SOLVENT
18	WS 6962 SOLVENT SAFETY BLEND	01-20-2567	0	0 EACH	SOLVENT
409	FOSROC SOLVENT 102	36-20-0148	0	0 GALLON	SOLVENT
19	BRAND BISCOLUBE ANTI-SEIZE COMPOUND	01-20-2573	0	0 EACH	SOLVENT
372	SOLVENT CLEANER GM 141 SUPER AGITENE	30-10-4051	0	0 5 GALLON	SOLVENT CLEANER
712	GC READY-KLEEN, AEROSOL/10-8682	68-33-0003	0	0 EACH	SOLVENT CLEANER
384	UNITED GUARDIAN SURFAS-KLEEN	30-73-0884	0	0 16 OZ. BTL	SPRAY CLEANERR
706	SQUARE D STANDARD GRAY ENAMEL SPRAY	59-81-6565	0	0 EACH	SPRAY PAINT
631	CARBOLINE 801 PART A/LD10987A	37-16-4020	0	0 EACH	THINNER
580	VALSPAR THINNER/7141R 5 GALLON	37-16-2027	0	0 5 GALLON	THINNER
605	VALSPAR PAINT THINNER	37-16-2161	0	0 EACH	THINNER
632	CARBOLINE 801 PART B/LD10987B	37-16-4021	0	0 EACH	THINNER
357	DYKEM STEEL BLUE/DX-100 LAYOUT FLUID	30-04-1681	0	0 EACH	THINNER
587	TNEMEC SERIES F041 THINNER NO.1	37-16-2106	0	0 GALLON	THINNER
588	TNEMEC SERIES F041 THINNER NO.2	37-16-2107	0	0 GALLON	THINNER
508	KOPPERS THINNER 1500	36-64-6041	0	0 GALLON	THINNER
615	CARBOLINE THINNER 5 GALLON	37-16-3013	0	0 5 GALLON	THINNER
356	DYKEM STEEL BLUE/DX-100 LAYOUT FLUID	30-04-1679	0	0 EACH	THINNER
628	RPM GATES THINNER/N-450-1	37-16-4012	0	0 EACH	THINNER
658	AMERON AMERCOAT 7 THINNER/1065900	37-16-5105	0	0 EACH	THINNER
616	CARBOLINE THINNER 5 GALLON	37-16-3014	0	0 5 GALLON	THINNER
610	IMPERIAL PRODUCT THINNER #6	37-16-2302	0	0 EACH	THINNER

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634	CARBOLINE THINNER 45/010545	37-16-4023	0	0 EACH	THINNER
633	CARBOLINE THINNER 4/010504	37-16-4022	0	0 EACH	THINNER
645	PETTIT PAINT BRUSHING THINNER/12120	37-16-4063	0	0 EACH	THINNER
624	CARBOLINE PHENOLINE THINNER	37-16-4008	0	0 EACH	THINNER
40	AMERON AMERPLATE 19Y THINNER CLEANER	01-95-0102	0	0 GALLON	THINNER CLEANER
354	DYKEM STEEL BLUE/DX-100 LAYOUT FLUID	30-04-1677	0	0 16 OZ. CAN	THINNER/CLEANER
613	CARBOLINE PHENOLINE 305 FINISH PART A	37-16-3011	0	0 EACH	THINNER/FILLER
614	CARBOLINE PHENOLINE 305 PART B	37-16-3012	0	0 EACH	THINNER/FILLER
720	XEROX TONER CONCENTRATE	70-71-8001	0	0 EACH	TONER
533	STAR TONER 30/36 FOR XEROX 600/840	37-08-0912	0	0 EACH	TONER
525	XEROX TONER 3600/7000	37-08-0901	0	0 EACH	TONER
524	XEROX TONER 2400/3600	37-08-0900	0	0 EACH	TONER
147	MOBIL ATF 220/580902	17-52-2176	0	0 EACH	TRANSMISSION FLUID
148	MOBIL ATF 220/580902	17-52-2178	0	0 EACH	TRANSMISSION FLUID
146	MOBIL ATF 210/522144	17-52-2148	0	0 EACH	TRANSMISSION FLUID
145	MOBIL ATF 210/522144	17-52-2146	0	0 EACH	TRANSMISSION FLUID
507	KOPPERS 40 PASSIVATOR RULE 66	36-64-6040	0	0 GALLON	WASH PRIMER
499	JOHNSONS FORTIFY 1 GALLON CAN/14660	36-64-5427	0	0 GALLON	WAX
497	WAX, NUSHEEN 1 GAL. CAN	36-64-5425	0	0 GALLON	WAX
502	CRYSTAL CHEMICAL J-134 FLOOR FINISH	36-64-5431	0	0 GALLON CAN	WAX
498	WAX,VELVA SHEEN 5 GAL. CAN	36-64-5426	0	0 5 GAL. CAN	WAX
503	SIMONIZE WAX	36-64-5432	0	0 EACH	WAX
500	WAX, JOHNSONS FORWARD 55 GAL. DRUM/14540	36-64-5428	0	0 55 GAL. DR	WAX
490	JOHNSONS COMPLETE/14650	36-64-5417	0	0 EACH	WAX CLEANER
484	JOHNSONS FORWARD WAX CLEANER 5 GAL. CAN	36-64-5411	0	0 EACH	WAX CLEANER
483	JOHNSONS FORWARD WAX CLEANER,1 GAL. CAN	36-64-5410	0	0 GAL. CAN	WAX CLEANER
493	SIMONIZE WAX 12/7 OZ. CAN	36-64-5421	0	0 7 OZ. CAN	WAX CLEANER
492	JOHNSONS SNAPBACK PRESSURIZED/14115	36-64-5420	0	0 EACH	WAX CLEANER
495	JOHNSON STEP AHEAD 55 GAL DRUM/14160	36-64-5423	0	0 55 GAL. DR	WAX CLEANER
494	JOHNSON STEP AHEAD 30 GAL DRUM/14160	36-64-5422	0	0 30 GAL. DR	WAX CLEANER
488	JOHNSON OVER & UNDER 55 GAL. DRUM/14140	36-64-5415	0	0 55 GAL. DR	WAX CLEANER
486	JOHNSON UNDER & OVER 30 GAL. DRUM	36-64-5413	0	0 EACH	WAX CLEANER
446	HALBRO WINDOW CLEANER 4 GAL. DRUM	36-64-1481	0	0 4 GAL. DR	WINDOW CLEANER

EXHIBIT B

SHOREHAM NUCLEAR POWER STATION

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
STATE POLLUTANT DISCHARGE ELIMINATION SYSTEM (SPDES)

Form 2C Application Supplement
Steam Generating Facility (SIC 4911)

1. **Facility Description:**

Type of Plant: Baseload

Capacity Factor: Existing - 0%
Future - 0%

The plant is currently being decommissioned.

Retirement: July 13, 1989.

2. **Thermal Discharges:**

a. Discharge Temperatures: The data reported are for Outfall 001 for the period August 1987 through September 1991.

Maximum recorded discharge temperature - 75° F (Outfall 001)

There are no permit limitations for Outfall 001.

b. Temperature Differential: There were no temperature differential reporting requirements for Outfall 001.

c. The plant uses once-through cooling water.

d. Discharge configurations, in plan and profile, are given in the attached diagrams.

e. Not applicable - the facility is not operating and is being decommissioned.

f. All chemicals used on site are listed in the attached Industrial Chemical Survey.

g. Not applicable - these systems have been retired.

3. **Material Storage:**

Not applicable - there are no material storage piles on site.

4. **Effluent Source:**

001 - Cooling water/circulating water, service water and

outfalls 001a and 001b.

001a - Demineralizer regeneration wastes-Make-up demineralizer system (Non-radioactive).

001b - Radwaste Facility-Demineralizer regeneration wastes.

002 - Floor drains, chlorine monitor and fire pump house storm drains.

003a - Oil Water Separator-Emergency diesel generator floor drains, auxiliary boiler blowdown, control building drains.

5. **Sludge Removal and Disposal:**

Not applicable - no sludge is generated on site.

6. **Plant Fuel:**

The plant is a nuclear power station that is currently being decommissioned.

7. **Discharge Termination:**

No outfalls have been terminated.

8. **Studies and Reports:**

No aquatic monitoring programs were conducted at this facility since August 1987.

9. **Permit Violations:**

Permit violations are summarized in Exhibit C; corrective actions are described in Exhibit D.

10. **Cooling Water Intake:**

a. No changes in the location, design, operation, construction or capacity of the cooling water intake have been made since August 1987.

b. No changes in the location, design, operation, construction or capacity of the cooling water intake are anticipated over the next five years.

c. The last major overhaul of the cooling water intake screens occurred in January 1991.

d. There is no anticipated need to overhaul the condenser cooling water intake screens during the next five years.

e. A summary of spare parts is given in Exhibit E.

EXHIBIT C

LONG ISLAND POWER AUTHORITY
SHOREHAM NUCLEAR POWER STATION

SUMMARY OF SPDES PERMIT EXCEEDENCES

1 August 1987 - 31 October 1991

OUTFALL NUMBER	PARAMETER	LIMITATION	No. of Exceedences During Report Period				
			AUG/DEC 1987	JAN/DEC 1988	JAN/DEC 1989	JAN/DEC 1990	JAN/OCT 1991
001	TRC	0.2 mg/l	1	4	6	2	0
	TRC	2 hr/24 hr period	0	0	3	0	0
001a	pH	6.0 - 9.0	0	1	0	0	0
001b	O&G	15 mg/l daily max	0	1	0	1	0
	IRON	Monitor only	1	1	0	0	0
003	TSS	50 mg/l daily max	0	0	4	0	0
	O&G	15 mg/l daily max	0	0	1	0	0
003a	TSS	50 mg/l daily max	1	3	4	0	0
	O&G	15 mg/l daily max	0	0	1	1	0
003b	TSS	50 mg/l daily max	0	0	2	1	0
	O&G	15 mg/l daily max	0	0	3	0	0

TRC = Total Residual Chlorine
O&G = Oil and Grease
TSS = Total Suspended Solids

EXHIBIT D
SHOREHAM NUCLEAR POWER STATION
NON-COMPLIANCE SUMMARY

REPORT PERIOD	OUTFALL	PARAMETER	EXPLANATION	CORRECTIVE ACTION
1987				
June-August	003a	TSS	Exceedence resulted from drainage from Auxiliary Boiler "A" at a rate that caused the TSS loading to exceed the permit limitation.	Station procedure will be modified to assure that the boiler is drained at a rate the reduces the TSS loading to within permit limitations
October	001	TRC	Upon completion of chlorine injection system repairs, the operator inadvertently opened the chlorine injection valve.	All equipment operators were cautioned regarding the potential of excessive chlorination when manipulating the valves.
	001b	IRON	Failure to analyze for iron during one week of the monitoring period.	Plant personnel were reminded to review all sampling requirements for the permit.
1988				
February	003a	TSS	Excessive sediments collected in the Auxiliary Boiler oil/water separation pit.	The boiler is being flushed to remove excess sediment. Once the boiler is flushed out, the pit will be drained and cleaned.
March	003a	TSS	Excessive sediment collected in the Auxiliary Boiler oil/water separation pit.	The oil/water separation pit will be pumped out and cleaned.
April	001	TRC	The chlorine monitor was out of service and a technician failed to collect a grab sample during the 0800-1600 shift.	Plant personnel were reminded of the importance of adhering to the monitoring requirements.
July	003a	TSS	A tube leak in Auxiliary Boiler "B" allowed water to enter the fire box and to mix with the fly ash.	Auxiliary Boiler "B" was removed from service for repair and the contents of the firebox were removed.
October	001	TRC(3)	The exceedence is believed to be caused by a reduced chlorine consumption.	The rate of chlorine injection was reduced from 0.8 gpm to 0.3 gpm.
	001b	IRON O&G	Non compliance is for missed analyses.	Plant personnel have been instructed to ensure that proper sampling and analytical protocol is observed.

November	001a	pH	Failure of 001a tank discharge valve during treatment for neutralization.	The waste neutralizing tank was isolated by closing a manual valve in the discharge line. The discharge valve was repaired.
1989				
January	003b	O&G(2)	Caused by tidal back flood of the oil water separator pit.	Modification will be made to the system to prevent this in the future.
February	003	TSS O&G	Excessive runoff from rainfall and storm drains.	No corrective actions were taken at this time.
	003a	TSS O&G	Rainfall leakage into the Auxiliary Boiler Building accumulated over a clogged floor drain. This was discharged directly into the oil water separator.	The floor drains were cleared and cleaned.
April	001	TRC(3)	One, no cause was determined. The other exceedences were caused by improper valve settings.	Plant personnel investigated proper injection flow rates and will review and revise operating procedures.
June	001	TRC	Routine start-up of chlorine injection system.	Chlorine injection was secured.
	003b	TSS(2)	Backwash from the canal into outfall 003b during high tide resulted in sand and ocean debris being deposited into separator pit baffles.	The separator pit was pumped out and the baffle plates were cleared.
July	003a	TSS	An oil absorbent pad blocked the discharge outlet, thus increasing the amount of suspended solids present.	The material was removed and the outfall was resampled and found to be within acceptable limits.
August	001	TRC	The injection timer may have been incorrectly set.	The timer will be reset.
	003	TSS	Cause of occurrence unknown. Road debris from storm water runoff may be a factor.	No corrective actions were taken at this time.
	003a	TSS	Cause of occurrence is unknown.	The oil water separator was being pumped out and cleaned.

September	001	TRC	The "A" chlorine injection line was plugged, coincident with the analyzer being out of service for repairs.	Plant personnel were advised that adjustments to the chlorine injection system should not be made when the chlorine analyzer and associated interlocks are out of service.
	003 003a	TSS(2) TSS	Source of the solids is believed to be from the 003a oil water separator.	The oil/water separator is scheduled to have the solids cleaned out in October.
October	001	TRC	Chlorine monitor was out of service. A grab sample showed an excess level of chlorine. Chlorination was immediately secured. The chlorine monitor would have secured the injection before an exceedence could occur.	The chlorine monitor was repaired and returned to service and the instrument is checked every 8 hours.
	003b	O&G	Service water for the heat exchangers for the Colt diesel engines was drained and maintenance work was performed on the equipment. This was assumed to be the source of the oil and grease.	Plant personnel will closely monitor heat exchanger draining in the future.
November	001	TRC	The circulating water pump was stopped and started several times, causing a series of chlorination spikes. These spikes, in addition to the normal circulating water injection resulted in a total injection time of 2.25 hours.	No corrective actions were taken at this time.
December	001	TRC	A decrease in chlorine demand resulted in an increased residual chlorine decay time.	Plans were made to reduce the circulating water injection time from 1.5 hours to 1 hour when chlorine demand is low.
1990				
February	003a	O&G	There was a build up of oil and grease in the separator.	The oil/water separator was cleaned out in the beginning of March.
March	001	TRC	A chlorination study was going on during the month of March. At no time did the TRC value exceed .2 mg/l at the manhole.	A full report with the results of the chlorination study was prepared and submitted to the DEC.

July	001b	O&G	Oil was found in the Radwaste floor drain sump. This may have allowed oil to enter the Radwaste system.	The radwaste floor drain sump was cleaned. Plant personnel will analyze all batch releases, for oil and grease, prior to discharge.
September	001	TRC	The continuous sampling system was out of service for repair. Manual grab sampling revealed the exceedence, at which time the injection rate was adjusted.	The automatic sampling system was repaired and returned to service.
	003b	TSS	Debris was found floating on the surface of the water flowing from this outfall.	The oil/water separator was drained, cleaned and refilled.

EXHIBIT E

94-C0-0000 (41) SPARE PARTS T TO V

94-35-0000 (51) TRAPS

STORES-NO.	C O	CATALOG DESCRIPTION	T C	SUPPLIER/MANUFACTURER-DATA VEN-NO	LI	PART-NUMBER	LOCATION S	A-R-BN	UN IS	QTY-ON HAND	UNIT PRICE	ORDER POINT	AC CD	SYSTEM COMPONENT-ID	S S	R M
94-36-1125	(61)	TOOL, NO RECOMMENDED SPARE PARTS												1F11190TO-056		
94-40-0000	(51)	TRAVELING SCREENS														
94-40-0000	(61)	TRAVELING WATER SCREENS												1N71150TSC-091D		
		LINE SPEC-NO. DRAWING-NO. TECH-MANUAL-NO.														
		(81) 00032 JK1862-01 ION ELECTRONICS														
		(82) 00000 JK1862-03 . 1-5063-1, MFG														
		(83) 00000 JK1862-10 0. , BOLTS & NU														
		(84) 00000 JK1862-25 1V41-150														
		(85) 00000 JK1862-30 1V41-150														
		(86) 00000 JK1862-32 1V41-150														
		(87) 00000 JK1862-42 EXPERIMENT														
		(88) 00000 JK1862-53 -EXPERIMENT														
94-40-0050	9	BOLT, STAINLESS STEEL FOR SEAL PLATES		5415 32		126-866-131	B	D2F0 60	EA	7	8.00	10 30			3	1
94-40-0051	6	BUSHING, BRONZE FOR HEAD SHAFT		5415 32		JK1862-25-2	B	HAA0 20	EA	7	164.71	2 30			3	1
94-40-0052	3	BUSHING, GRADE C, 6 IN. FOR FOOT SHAFT		5415 32		JK1862-30-12	B	D2F0 59	EA	5	46.00	4 30			3	1
94-40-0053	0	CHAIN, DRIVE DETACHABLE RC 180		5415 32		JK1862-3-133	B	W1J0 28	EA	3	2265.50	1 30			3	1
94-40-0054	8	CHAIN, TRAY LEFT HAND 104 FT.		5415 32		JK1862-3-102	B	C3FF 38	EA	0	11457.	0 30			3	1
94-40-0055	5	CHAIN, TRAY RIGHT HAND 104 FT.		5415 32		JK1862-3-103	B	C3FF 38	EA	0	11457.	0 30			3	1
94-40-0056	2	PIECES OF SCREEN CLOTH, S.S. DWG 375X10 304 S.S., SIZE 25-1/2"X14'-1-3/4"		5415 16		JK1862-3-97	C	C3C0 48	EA	3	316.33	3 30			3	1
94-40-0057	0	INSERT, TOOTH FOR HEAD SPROCKETS		5415 32		833-17-2	B	D2F0 58	EA	12	73.00	6 30			3	1
94-40-0058	7	LINK, OFFSET		5415 32		JK1862-3-134	B	D2G0154	EA	3	63.00	1 30			3	1
94-40-0059	4	MOTOGEAR, ELECTROFLUID		5415 32		JK1862-10-21	B	W1D0 6	EA	1	10332.	0 30			3	1
94-40-0060	5	MOTOR, 7.5 HP. TWO SPEED FOR TRAVELING WATER SCREEN		5415 32		JK1862-10-11	B	W1Q0 16	EA	1	1429.50	0 30			3	1
94-40-0061	2	NOZZLE, SPRAY DELRIN 341Y30A		5415 32		JK1862-56-21	B	D2F0 56	EA	36	19.88	12 30			3	1
94-40-0062	0	NOZZLE, SPRAY STAINLESS STEEL		5415 16		H1/2U50150 V-JET	B	E1D0 88	EA	19	23.25	12 30			3	1
94-40-0063	7	NOZZLE, SPRAY, STAINLESS STEEL, 80150		5415 16		JK1862-54-25	B	E1D0 88	EA	18	21.66	12 30			3	1
94-40-0064	4	LOCKNUT FOR SEAL PLATES		5415 16		7087-93-8	B	E1D0 88	EA	19	2.67	6 30			3	1
		LINE SPEC-NO. DRAWING-NO. TECH-MANUAL-NO.														
		(81) 438 R RELIAB. RPT#6														
94-40-0065	1	LOCKNUT FOR TOOTH INSERTS		5415 0		126H772-5	B	E1D0 88	EA	24	.88	6 30			3	1
		LINE SPEC-NO. DRAWING-NO. TECH-MANUAL-NO.														
		(81) 438 R RELIAB. RPT#6														
94-40-0066	9	ORIFICE		5415 0		JK1862-56-22	B	HAL0 29	EA	24	1.25	6 30			3	1
		LINE SPEC-NO. DRAWING-NO. TECH-MANUAL-NO.														
		(81) 438 R RELIAB. RPT#6														

94-00-0000 (41) SPARE PARTS T TO V

94-40-0000 (51) TRAVELING SCREENS

STOPES-NO.	C D	CATALOG DESCRIPTION	T C	SUPPLIER/MANUFACTURER-DATA VEN-NO	LT	PART-NUMBER	LOCATION S	A-B-BN	UN IS	QTY-ON HAND	UNIT PRICE	ORDER POINT	AC CD	SYSTEM COMPONENT-ID	S S	R M
94-40-0000		(61) TRAVELING WATER SCREENS		CONTINUED										1N71150TSC-001D		
		94-40-0059														
94-40-0102	7	BEARING ROLLER,LOW SPEED PINION #49 PART OF 94-40-0059		5415	16	0323200	B	HADO 65	EA	1	10.00	0	30		3	1
94-40-0103	4	BEARING ROLLER,LOW SPEED PINION #50 PART OF 94-40-0059		5415	16	0324046	B	HADO 65	EA	1	10.00	0	30		3	1
94-40-0104	1	BEARING ROLLER,INTER SPEED PINION #51 PART OF 94-40-0059		5415	16	0323098	B	HADO 65	EA	1	10.00	0	30		3	1
94-40-0105	9	BEARING ROLLER,INTER SPEED PINION #52 PART OF 94-40-0059		5415	16	0324032	B	HADO 65	EA	1	10.00	0	30		3	1
94-40-0106	6	BEARING ROLLER,HIGH SPEED SHAFT #53 PART OF 94-40-0059		5415	16	53	B	HADO 65	EA	1	10.00	0	30		3	1
94-40-0107	3	BEARING ROLLER,HIGH SPEED SHAFT #54 PART OF 94-40-0059		5415	16	54	B	HADO 65	EA	1	10.00	0	30		3	1
94-40-0108	0	LOW SPEED GEAR #94 PART OF 94-40-0059		5415	16	94	B	HAFO 12	EA	1	10.00	0	30		3	1
94-40-0109	8	LOW SPEED PINION #95 PART OF 94-40-0059		5415	16	95	B	HADO 65	EA	1	10.00	0	30		3	1
94-40-0110	9	FLANGE, FIBERGLASS, FULL FACE, 6" 150#		28446	16		B	0	EA	0	81.86	1	27		3	1
94-40-0115	5	SPROCKET 68T		5415	16	JK-1862-3-132	B	C3EE 34	EA	6	2459.00	0	27		3	1
94-40-0116	2	RAKE, TRAVERSING TRASH, MOTOR PROPELLED (GUIDED) TYPE 3C-F		32503	16		B	0	EA	0	966.00	0	27		3	1
94-40-0117	0	VALVE, AUTOMATIC BALL DRIP, 1", BRONZE FIG. #1865		5415	16	1865	B	E1B0 9	EA	5	196.00	3	27		3	1
94-40-0118	7	BOOT CASTING		15808	16	85X2-1	B	C3EE 12	EA	1	455.00	0	27		3	1
94-40-0119	4	BOOT CASTING		15808	16	85X2-2	B	0	EA	0	455.00	0	27		3	1
94-40-0120	5	COUNTER SUNK,STAINLESS STEEL 5/8"-11NCX3/4"		27162	16		B	0	EA	0	1.20	0	27		6	1
94-40-0121	2	BOLT, S.S. COUNTERSUNK, 5/8"-11NCX3-1/4"		27162	16		B	0	EA	0	4.00	0	27		6	1
94-40-0122	0	NUT,S.S. 5/8"-11NC		27162	16		B	0	EA	0	.52	0	27		6	1
94-40-0123	7	WASHER, FLAT, S.S. 5/8"		27162	16		B	0	EA	0	.15	0	27		6	1
94-40-0125	1	RUBBER,SIDES W/BULB (SOLID)1/2X4-1/2X1-3/4" WITH 1" BULB X 9' LONG.		43508	16		B	0	EA	0	318.00	0	27		6	1
94-40-0126	9	RUBBER,FLAT 1/2X3"X17' LONG, SOLID,NO HOLES		43508	16		B	0	EA	0	51.00	0	27		6	1
94-40-0127	6	STUD, 3/4X2-1/4" S.S., SET OF 18, HEX HEAD		15808	16	126733-181	B	HDK0 48	ST	1	39.00	0	27		3	1
94-40-0128	3	NUT, HEX, 3/4" S.S. SET OF 18		15808	16	126732-8	B	HDK0 49	ST	1	13.00	0	27		3	1

94-00-0000 (41) SPARE PARTS T TO V

94-40-0000 (51) TRAVELING SCREENS

STORES NO	C D	CATALOG DESCRIPTION	T C	SUPPLIER/MANUFACTURER-DATA VEN-NO	LT	PART-NUMBER	LOCATION S	A-R-BN	UN IS	QTY-ON HAND	UNIT PRICE	ORDER POINT	AC CD	SYSTEM COMPONENT-ID	S S	R M
94-40-0000	(61)	TRAVELING WATER SCREENS		CONTINUED										1N71150TSC-0010		
94-40-0067	6	PLATE, SEAL STAINLESS STEEL 499-30-3		5415	32	JK1862-3-100	B	D1F0404	EA	8	36.00	5	30		3	1
94-40-0068	3	REGULATOR, PRESSURE		5415	16	SK1862-56-16	B	D2F0 92	EA	1	880.00	0	30		3	1
94-40-0069	0	SCREW, CAP FOR TOOTH INSERTS		5415	32	126-781-76	B	D2F0 60	EA	6	1.00	12	30		3	1
94-40-0070	1	SENSOR, FERROMAGNETIC RESPONSIVE		5415	32	7809	B	E1B0 40	EA	0	99.00	0	30		3	1
94-40-0071	9	SPROCKET, DRIVE 16T		5415	32	JK1862-3-131	B	D2F0 69	EA	3	352.00	0	30		3	1
94-40-0072	6	SPROCKET, FOOTSHAFT		5415	32	JK1862-30-8	C	C3F0 80	EA	3	2165.00	0	30		3	1
94-40-0073	3	SPROCKET, FOOTSHAFT		5415	16	JK1862-30-9 JK1862-	B	C3D0 18	EA	2	2716.50	0	30		3	1
94-40-0074	0	SPROCKET, IDLER, 12T		5415	32	JK 1862-58-4	B	D2F0 69	EA	3	350.00	2	30		3	1
94-40-0075	8	STRAINER, TYPE Y, 2", 40 MESH MONEL		5415	32	JK 1862-5e-18	B	E1C0 5e	EA	0	192.00	0	30		3	1
94-40-0076	5	SWITCH, PRESSURE		5415	32	JK 1862-5e-37	B	E1C0 65	EA	3	197.33	0	30	1N71410PS-097D	3	1
94-40-0077	2	TRAY AND FISH PAN ASSEMBLIES, WITH STAINLESS STEEL CLOTH		5415	16	SK1862-32-0	C	C3C0 48	EA	3	1459.00	3	30		3	1
94-40-0078	0	VALVE, SOLENOID, 2" SAME AS 47-01-8075		5415	0	SEE 47-01-8075	B	DEL0 0	EA	0	379.00	0	30		3	1
94-40-0079	7	VALVE, SOLENOID, 6" SAME AS 47-01-8050		5415	0	SEE 47-01-8050	B	H1G0 38	EA	1	1222.00	0	30		3	1
94-40-0080	8	WEAR PAD, SCREEN TRAY		5415	32	JK1862-31-15	B	E1C0 9e	EA	5	11.00	3	30		3	1
94-40-0081	5	TRANSMITTER, LEVEL SAME AS 73-69-6501							EA		.01		30			
94-40-0082	2	RELAY, PRECISION SAME AS 62-41-0501							EA		.01		30			
94-40-0083	0	VALVE, BOOSTER SAME AS 73-69-6502							EA		.01		30			
94-40-0084	7	GAUGE, RECIRC SAME AS 72-57-0001							EA		.01		30			
94-40-0085	4	FLUID COUPLING		5415	0	17.75 FF -JK1862	B	00 0	EA	0	4048.00	0	30		6	1
			LINE (81)	SPEC-NO. SEE 7		DRAWING-NO. RELIAB. RPT#e		TECH-MANUAL-NO.								
94-40-0086	1	PLUG, FUSIBLE, FOR FLUID COUPLING		5415	0		B	C1E0 32	EA	2	15.00	2	30		3	1
94-40-0087	9	WASHER, FOR FLUID COUPLING		5415	0		B	C1E0 32	EA	4	1.45	2	30		3	1
94-40-0088	6	HOOD PART NO. 402 FOR MOTOR FRAME 284-6T		11086	16	7998015G06	B	HET0 15	EA	7	191.42	5	30		3	1
94-40-0089	3	FAN AND FAN CLAMP NO. 408 FOR MOTOR FRAME 284-6T		10355	0	7998013G08	B	HAM0 26	EA	10	52.80	6	30		3	1
94-40-0090	4	CHAIN TIGHTENER,RH		5415	16	JK-1862-58A	B	C3E0 53	EA	2	500.00	0	30		6	1
94-40-0091	1	CHAIN TIGHTENER,LH		5415	16	JK-1862-58A	C	C3F0 50	EA	2	500.00	1	30		6	1
94-40-0092	9	SCREEN ASSEMBLY		5415	16		B	H1FL 0	EA	0	700.00	0	27		6	1
94-40-0095	0	RETAINER #e PART OF 94-40-0059		5415	16	1818688	B	HAD0 65	EA	1	10.00	0	30		3	1
94-40-009e	8	GASKET #15 PART OF 94-40-0059		5415	16	131822	B	HAD0 65	EA	1	10.00	0	30		3	1
94-40-0097	5	CAP BREATHER #15 PART OF 94-40-0059		5415	16	1980002	B	HA90 65	EA	1	10.00	0	30		3	1
94-40-0098	2	OIL SEAL, LOW SPEED SHAFT #45 PART OF 94-40-0059		5415	16	0319276	B	HAD3 65	EA	0	10.00	0	30		3	1
94-40-0099	0	OIL SEAL,HIGH SPEED SHAFT #46 PART OF 94-40-0059		5415	16	0319231	B	HAD0 65	EA	0	10.00	0	30		3	1
94-40-0100	2	BEARING ROLLER,LOW SPEED SHAFT #47 PART OF 94-40-0059		5415	16	0323118	B	HAD0 65	EA	1	10.00	0	30		3	1
94-40-0101	0	BEARING ROLLER,LOW SPEED SHAFT #48 PART OF		5415	16	0323059	B	HAD0 65	EA	1	10.00	0	30		3	1

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

STATE POLLUTANT DISCHARGE ELIMINATION SYSTEM (SPDES)
Thermal Discharge And Material
Storage Area Supplement For
Application Form C

(Attach to Application Form)

1. Thermal Discharges

Does the temperature of any of the discharges from this facility exceed 70°F. at any time? [X] YES [ ] NO

If yes, attach the following information, and specify which outfall(s) it relates to: See Attached Exhibit F

a) Range of measured discharge temperatures

b) Maximum discharge temperature

c) Discharge configuration (that is, whether surface, subsurface, effluent diffuser, etc.)

d) Chemical additives utilized (also see Section 4 on Form C)

2. Material Storage Areas

Is storm runoff or leachate from any material storage area (such as: coal piles, raw material or finished product stockpiles, etc.) discharged to either surface waters or groundwaters? [ ] YES [X] NO

If "yes", please attach a brief description of types and quantities of materials stored, size of storage area, etc., and show its location and the location of any discharge points on the map required by Section 6 of Form C.

Shoreham
1992

EXHIBIT F

THERMAL DISCHARGE SUPPLEMENT

Data reported below is for **Outfall 001** for the period August 1987 through September 1991.

1a. Discharge Temperature Range (°F): 41.0° - 75.0°

1b. Maximum Discharge Temperature (°F):

Summer - 75.0°

Winter - 53.6°

1c. The plant utilizes once through cooling water. The discharge configuration is subsurface through an effluent diffuser system.

1d. The once through cooling water is treated with sodium hypochlorite to control biofouling.

New York State Department of Environmental Conservation
50 Wolf Road, Albany, New York 12233 - 3505

Thomas C. Jorling
Commissioner

Dear applicant,

Chapter 663 of the Laws of 1983 added Section 17-0828 of the Environmental Conservation Law requiring any person applying for a SPDES permit, or a renewal of an existing SPDES permit, for a facility located in a sole source aquifer to provide a list of all public water purveyors with a service area or a portion thereof within a three mile radius of the applicant's facility. Your facility is located in a sole source aquifer which is an area designated by Federal or State statutes. The list should include the names and addresses of all public water purveyors. A copy of the law is printed on the reverse side of this page.

Maps of water purveyor's service area boundries are available for viewing in the office of the NYSDEC, Regional Water Engineer, at the following locations:

NYSDEC Region 1 (Nassau & Suffolk county maps)	Building 40, SUNY at Stony Brook Stony Brook, New York 11790
NYSDEC Region 2 (Brooklyn & Queens maps)	1 Hunters Point Plaza 47-40 21st Street Long Island City, New York 11101
Also	
Nassau County Health Department (Nassau County maps)	240 Old Country Road Mineola, New York 11501
Suffolk County Department of Health Services (Suffolk County maps)	225 Rabro Drive East Hauppauge, New York 11787

Please complete the following information and attach it to your application:

(A) Applicant name Long Island Power Authority -Shoreham Nuclear Power Station

Applicant address North Country Road

Shoreham, N.Y. 11786

SPDES number (if renewal) NY0026344

(B) List water purveyors within a three mile radius of the applicant's facility:

	Name	Address
1.	Shorewood Water Corp.	500 ~~Ret~~ Rte. 25A, Miller Place, N.Y. 11764
2.	Edwin Lapham	Box 185, Sound Rd., Wading River, N.Y. 11792
3.	Herod Pt. Estates	Maple Rd., Wading River, N. Y. 11792
4.	Sound Shore Club	Box 204, Wading River, N.Y. 11792
5.	Anthony Sini (N. Shore Beach Rocky Point)	P.O. Box 128, Rocky Pt., N.Y. 11778
6.	North Shore Water	
	Joseph A. Conforti	Unavailable

(Attach additional sheet if necessary)

NYSDEC SUPPLEMENTAL INSTRUCTIONS - ATTACHMENT

Your SPDES permit, when issued, may require you to periodically submit a Discharge Monitoring Report (DMR). The reports must be signed as follows:

1. for a corporation: by a responsible corporate officer. For the purposes of this section, a responsible corporate officer means:

(i) a president, secretary, treasurer, or a vice president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making function for the corporation, or

(ii) the manager of one or more manufacturing, production, or operating facilities employing more than 250 persons or having annual sales or expenditures exceeding $25 million (in second quarter 1980 dollars), if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures; or

2. for a partnership or sole proprietorship: by a general partner or the proprietor, respectively; or

3. for a municipality, state, federal, or other public agency: by either a principal or executive officer or ranking elected official. A principal executive officer of a federal agency includes: (i) the chief executive officer of the agency, or (ii) a senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency; or

4. a duly authorized representative of the person described in items (1), (2) or (3). A person is a duly authorized representative only if:

(i) the authorization is made in writing by a person described in paragraph (1), (2) or (3);

(ii) the authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity such as the position of plant manager, operator of a well or well field, superintendent, position of equivalent responsibility, or an individual or position having overall responsibility for environmental matters for the company. (A duly authorized representative may thus be either a named individual or any individual occupying a named position).

(iii) the written authorization is submitted to the Department.

Changes to authorization: If an authorization under paragraph (4) is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization satisfying the requirements of paragraph (4) must be submitted to the Department prior to or together with any reports to be signed by an authorized representative.

THE TABLE BELOW MUST BE COMPLETED AND FILED WITH YOUR APPLICATION. The person identified on the first line will be listed in Part I of the issued permit under the DMR MAILING ADDRESS section and must be a person described in paragraph (1), (2), (3) or (4). The table may be used to designate an authorized representative as described in paragraph (4).

THE APPLICANT MUST NOTIFY THE DEPARTMENT OF ANY CHANGE IN THIS INFORMATION DURING THE LIFE OF THE PERMIT.

Name and/or Title of person responsible for signing and submitting DMR's:			Phone:
Les Hill/Resident Manager			(516) 929-8300
Mailing Name: Shoreham Nuclear Power Station			
Mailing Address: North Country Road	City: Shoreham	State: NY	Zip Code: 11786
Name of person described in paragraph (1), (2) or (3): Les Hill		Title: Resident Manager	
Signature of person described in paragraph (1), (2), or (3): Les Hill			Date: 6/4/92

Failure to submit this completed page with your application will result in your application being declared incomplete. This will delay issuance of your permit and authorization to discharge.

(Rev. 4/90)

Long
Island
Power
Authority

Shoreham Nuclear Power Station
P.O. Box 628
North Country Road
Wading River, N.Y. 11792

June 4, 1992

Mr. David DeRidder
Deputy Regional Permit Administrator
New York State Department of Environmental Conservation
SUNY Building 40, Room 219
Stony Brook, NY 11794

Dear Mr. DeRidder:

This letter serves to designate the position of Resident Manager, Shoreham Nuclear Power Station, as authorized to sign the Discharge Monitoring Reports for the following Long Island Power Authority Facility:

Shoreham Nuclear Power Station - NY0026344

Mr. L. M. Hill currently holds the position of Resident Manager and will be signing the Discharge Monitoring Reports on a monthly basis.

If you should have any questions, please contact Mr. Mike Tucker at (516) 929-8300.

Very truly yours,

Stanley B. Klimberg
President of Shoreham Project

RP/ab

OVERSIZE DOCUMENT PAGE PULLED

SEE APERTURE CARDS

NUMBER OF OVERSIZE PAGES FILMED ON APERTURE CARDS 1

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APERTURE CARD/HARD COPY AVAILABLE FROM

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