#9

ANSON ENVIRONMENTAL LTD.

771 New York Avenue
Huntington, New York 11743
516-351-3555
Fax: 516-351-3615

Focused Remedial Investigation
Soil Report
Freedom of Information Record Search
Volume 2

To Comply With:

Work Plan for Utility Manufacturing/Wonder King Site
Dated: November 1997

Site ID No: 1-30-043H

Site Location:

700-712 Main Street
Westbury, New York 11590

Prepared by:

Anson Environmental Ltd.

For:

New York State Department of Environmental Conservation
Division of Environmental Remediation
50 Wolf Road
Albany, NY 12233

October 2, 1998
Revised: August 1999

"Your Environmental Partner"

UTILITY MANUFACTURING CO., INC.
700 MAIN ST./WESTBURY, N.Y. 11590/U.S.A./516-997-6300
TELEX: 230199 SWIFT UR (DESIGNATE UMC) CABLE: UMC WESTBURYNY

February 26, 1986

United States Environmental Protection Agency
Region II
26 Federal Plaza
New York, N. Y. 10278

ATTN: Mr. Melvin Hauptman
P.E. Emergency and Remedial Response Division

Dear Mr.Hauptman,

The following is our response to your "Request for Information" dated February 11, 1986.

QUESTION #1

The following is an annual summary detailing the quantity and types of hazardous substances and materials purchased by our company - January 1, 1985 to December 31, 1985.

1.	Sodium Bi-Sulfate	1600 lbs.
2.	Sulfuric Acid	440 lbs.
3.	Hydroxyacetic Acid	565 lbs.
4.	Caustic Soda Beads	45500 lbs.
5.	Tetrapotassium Pyrophosphate	300 lbs.
6.	Perchloroethylene	19600 lbs.
7.	Methylene Chloride	2400 lbs.
8.	Mineral Spirits 66	6600 lbs.
9.	Methyl Ethyl Ketone	23696 lbs.
10.	Cyclohexanone	440 lbs.
11.	Ethylene Glycol Monobutyl Ether	2490 lbs.
12.	Odorless Mineral Spirits	700 lbs.
13.	Sodium Nitrate	17500 lbs.
14.	Copper Sulfate	13500 lbs.
15.	Sodium Hydroxide	49640 lbs.
16.	Sodium Silicate N40°	18000 gallons
17.	Virgin Sulfuric Acid 66° (inhibited)	67500 gallons
18.	Heavy Aromatic Naptha	2000 gallons
19.	Methyl Pentachlorostearate	1000 lbs.
20.	Lead Tallate	1080 lbs.
21.	Tetrahydrafuran	15500 lbs.
22.	CPVC Resin	5050 lbs.
23.	PVC Homopolymer Resin	10000 lbs.
24.	Hydrochloric Acid 20% (Muriatic)	22500 lbs.

QUESTION #1 cont.

25.	Zinc Ammonium Chloride Solution (14.3% NH_3Cl/42.9% $Zn_C/_2$)	12000 gallons
26.	1,1,1 Trichloroethane	500 gallons

QUESTION #2

All of the hazardous substances listed in Question #1 are used in the blending of industrial compounds for the Plumbing and Heating Industries.

QUESTION #3

The hazardous substances listed in Question #1 are blended entirely into our products and no waste results from the blending processes.

QUESTION #4

Not applicable. See answer to question #3.

We hope we have satisfied any questions you have and we'll be glad to cooperate with any future inquiries. But since we show no record of obtaining a permit or disposing of any materials at the Port Washington Land Fill, we see no reason for any further inquiries.

Very truly yours,

UTILITY MANUFACTURING CO., INC.

Mark J. Sophie

Mark J. Sophie
Distribution Manager

EPA Reg. #10266-NY-01

MJS/fw

Cert. #P-687-300-983

ID# 00302

FRANCIS T. PURCELL
COUNTY EXECUTIVE

NASSAU COUNTY
DEPARTMENT OF HEALTH
240 OLD COUNTRY ROAD, MINEOLA, N.Y. 11501

Date: December 22, 1986

Utility Mfg. Co., Inc.
700 Main St.
Westbury, NY 11590

Att: Mr. W.J. Kranz, Pres.

Gentlemen:

In order to protect the ground and surface waters of Nassau County, the Board of Health adopted a Public Health Ordinance (Article XI), titled Toxic and Hazardous Materials Storage, Handling and Control. This Ordinance provides for the registration and regulation of toxic and hazardous materials stored in underground or aboveground tanks, containers or in bulk.

Toxic or hazardous materials, which are specifically defined in the Article XI Regulations, include any substance, solution or mixture, including petroleum products, which present an actual or potential hazard to human health or a threat to the quality of either the underground drinking water supply or surface waters if discharged to the land or waters of Nassau County.

Registration is mandated whenever the following minimum total storage capacities exist at a facility:

- 250 gallons or more of one or more toxic or hazardous materials including chemicals, fuel oil (see Note), and other oils
- 50 gallons or more of halogenated hydrocarbons
- more than 27.5 gallons of toxic or hazardous waste
- bulk (dry) storage exceeding 2,000 pounds of toxic or hazardous materials

Our records indicate that your facility may fall under the provisions of the Ordinance. Please complete Form 1 (General Information). Form 2 (Tank Registration) and/or Form 3 (Bulk and Container Storage Registration) should be completed if tank and/or bulk and container storage exists at your facility. Refer to the enclosed instructions for filling out the forms.

Note: Registration is not required for a facility where fuel oil used solely for on-site heating is the only toxic or hazardous material stored and the total storage capacity is 1,100 gallons or less. Nevertheless, Forms 1 and 2 must still be completed and returned as indicated above.

NASSAU COUNTY DEPARTMENT OF HEALTH — NASSAU COUNTY PUBLIC HEALTH ORDINANCE - ARTICLE XI
APPLICATION FOR A TOXIC OR HAZARDOUS MATERIALS STORAGE FACILITY PERMIT
FORM 1 - GENERAL INFORMATION
SEE INSTRUCTION SHEET

RECEIVED
FEB 17 1987
NCDH — RLRM

For Office Use Only
Facility I.D. 302
☐ Municipal
☑ Non-Municipal

Check all that apply to your facility: ☒ Tank Storage ☒ Container Storage ☒ Bulk Storage ☐ Storage of Road De-icing Materials

Reason for submitting application: ☒ New ☐ Renewal ☐ Change ☐ Construction

Facility Name	Street Address	Village	State	Zip	Phone
UTILITY MFG. CO., INC.	700 Main St.	Westbury	N.Y.	11590	516-997-6300

Facility Mailing Address (If different from above)	Facility Contact Person (Name & Title)	Phone
same	Audie Kranz President	same

Facility Owner	Street Address	Village	State	Zip	Phone
same					

Property Owner (If not Facility Owner)	Street Address	Village	State	Zip	Phone
same					

Tank Owner (If not Facility Owner)	Street Address	Village	State	Zip	Phone

Name that should appear on Permit (Permittee) (If different from Facility Owner): same

Permittee's Street Address	Village	State	Zip	Phone

Permittee's Relationship to Facility Owner: ☒ Same ☐ Operator of Facility ☐ Other (Specify):

Principal Property Tax Code:	School District No.	Section	Block	Lot
	1	11	328	176

Forms Attached (Check all that apply) ☒ Form 2 - Tank Registration ☒ Form 3 - Bulk & Container Storage Registration ☐ Form 4 - Storage of Road De-icing Materials

I hereby affirm under penalty of perjury, that the information provided on this form and on any attached forms, statements and exhibits is true to the best of my knowledge and belief.

Print Name	Signature	Title	Date
Audie Kranz		President	1/28/87

PH 857 4/86

NASSAU COUNTY DEPARTMENT OF HEALTH
APPLICATION FOR A TOXIC OR HAZARDOUS MATERIALS STORAGE FACILITY PERMIT
FORM 2 - TANK REGISTRATION
SEE INSTRUCTION SHEETS

RECEIVED
FEB 17 1987
NCDH — BLRM

For Office Use Only

Date Application Received	Facility I.D.
2/17	3872
Reviewed By	Date Reviewed
	2/17
Action: ☐ Approved ☐ Disapproved ☐ Not Req'd.	No. of Months

Facility Name Utility Mfg. Co.,Inc.

Facility Address 700 Main St. Westbury, N.Y. 11590

Action	Tank Number	Location	Design Capacity (Gallons)	Material of Construction	Internal Protection	External Protection	Piping	Type	Material Currently or Last Stored: NCDH Number	Material Currently or Last Stored: Name	Status	Tank Installation Date (Month/yr)	Leak Detection	Secondary Containment	Product Gauge	Dispenser Method	Fill	Additional Information for Abandoned Tanks: Date Last Used (Month/yr)	Additional Information for Abandoned Tanks: Condition
	1	4	4000	1	8	3	2/3	1	5781	Methyl Ethyl Ketone	5	7/85	1	3	1	1	2	N/A	N/A
	2	4	4000	1	8	3	2/3	1	?8651	Tetrahydrofuran	5	7/85	1	3	1	1	2	N/A	N/A
	3	1	2000	1	2	2	1/8	1	?8243	Sodium Silicate	1	12/77	5	5	2	2	1	N/A	N/A
	4	1	2000	1	2	2	1/8	1	?8243	Sodium Silicate	1	12/77	5	5	2	2	1	N/A	N/A
	5	1	2000	1	2	2	8	1	?7501	Propylene Glycol	1	4/76	5	5	1	2	1	N/A	N/A
	6	1	2000	1	2	2	8	1	?7501	Propylene Glycol	1	4/76	5	5	1	2	1	N/A	N/A
	7	1	250	2	2	2	1	1	?7501	Propylene Glycol	1	12/84	5	5	1	3	1	N/A	N/A
	8	1	550	1	2	2	1	1	?8592	Perchloroethylene	1	4/76	5	5	1	3	1	N/A	N/A
	9	1	550	1	2	2	1	1	?9122	1,1,1,Trichloroethane	1	4/76	5	5	1	3	1	N/A	N/A
	10	1	550	1	2	2	1	1	05951 ?	Heavy Aromatic Naphtha	1	4/76	5	5	1	3	1	N/A	N/A
	11	1	550	1	2	2	1	1	05951 ?	Heavy Aromatic Naphtha	1	4/76	5	5	1	3	1	N/A	N/A
	12	1	550	1	2	2	1	1	06381 ?	Naphthenic Oil	1	4/76	5	5	1	3	1	N/A	N/A
	13	1	550	1	2	2	1	1	?5811	Mineral spirits 66	1	4/76	5	5	1	3	1	N/A	N/A

RECEIVED

NASSAU COUNTY DEPARTMENT OF HEALTH
APPLICATION FOR A TOXIC OR HAZARDOUS MATERIALS STORAGE FACILITY PERMIT
FORM 2 - TANK REGISTRATION
SEE INSTRUCTION SHEETS

For Office Use Only

Date Application Received FEB 17 1987	Facility I.D. 302
Reviewed By NCDH — BLRM FEB 1	Date Reviewed 2/17/87
Action: ☐ Not Req'd. ☐ Approved ☐ Disapproved	No.of Months

Facility Name: Utility Mfg. Co.,Inc.

Facility Address: 700 Main St. Westbury, N.Y. 11590

Action	Tank Number	Location	Design Capacity (Gallons)	Material of Construction	Internal Protection	External Protection	Piping	Material Currently or Last Stored: Type	Material Currently or Last Stored: NCDH Number	Material Currently or Last Stored: Name	Status	Tank Installation Date (Month/yr)	Leak Detection	Secondary Containment	Product Gauge	Dispenser Method	Fill	Additional Information for Abandoned Tanks: Date Last Used (Month/yr)	Additional Information for Abandoned Tanks: Condition
	14	1	4000	1	8	2	1	1	? 8153	Sodium Hydroxide	1	10/82	5	5	1	3	1		
	15	1	550	1	2	2	1	1	? 06381	Naphthenic Oil	1	4/76	5	5	1	3	1		
	16	1	550	1	2	2	1	1	? 06381	Naphthenic Oil	1	4/76	5	5	1	3	1		
	17	1	3000	1	2	2	1	1	? 06381	Naphthenic Oil	1	8/86	5	5	2	2	1		
	18	1	3000	1	2	2	1	1	? 06381	Naphthenic Oil	1	8/86	5	5	2	2	1		
	19	1	3500	1	2	2	8	1	? 8493	Sulfuric Acid 66°	1	4/76	5	5	2	3	1		
	20	1	275	1	2	2	1	1	? 06381	Naphthenic Oil	1	4/76	5	5	1	2	1		
	21	1	275	1	2	2	1	1	? 06381	Naphthenic Oil	1	4/76	5	5	1	2	1		
	22	1	275	1	2	2	1	1	? 06381	Naphthenic Oil	1	4/76	5	5	1	2	1		

FH 858 4/86 Date Submitted 1/28/87 Page 2 of 2 ☐ D.P.

CHEMICAL/SOLVENT WASTE REPORT

Bureau of Land Resources Management

Nassau County Department of Health

Name	Permit Number
Utility Manufacturing Co.	000302
Address	Report Period
700 Main Street Westbury, NY 11590	1990

List all waste generating chemicals and/or solvents purchased during the reporting period Indicate for each the purpose or use, trade name or supplier and the quantity purchased.

Name of Chemical or Solvent	Purpose or Use	Trade Name or Supplier	Quantity Purchased
Methyl Ethyl Ketone	Ingredient	Various	6,710 pounds
Tetrahydrofuran	"	"	14,760 pounds
Sorbitan Sesquioleate	"	I.C.I. America	17,100 pounds
Copolymer Vinyl Acetate Resin	"	Air Products	12,967 pounds
Dibutyl Phthalate	"	Various	1,438 pounds
Ammonium Biflouride	"	Independent Chemical	1,000 pounds
Perchloroethylene	"	Various	23,600 pounds
Petroleum Sodium Sulfonate	"	Penreco Inc.	1,200 pounds
Poly-oxy-Ethylene	"	Harcross Chemical	510 pounds
Ethylene Glycol Mononethyl Ether	"	Various	440 pounds

NASSAU COUNTY DEPARTMENT OF HEALTH — NASSAU COUNTY PUBLIC HEALTH ORDINANCE - ARTICLE XI
APPLICATION FOR A TOXIC OR HAZARDOUS MATERIALS STORAGE FACILITY PERMIT
FORM 1 - GENERAL INFORMATION
SEE INSTRUCTION SHEET

RECEIVED
FEB 17 1987
NCDH — BLRM

For Office Use Only
Facility I.D. 302
☐ Municipal
☑ Non-Municipal

Check all that apply to your facility: ☒ Tank Storage ☒ Container Storage ☒ Bulk Storage ☐ Storage of Road De-icing Materials

Reason for submitting application: ☒ New ☐ Renewal ☐ Change ☐ Construction

Facility Name	Street Address	Village	State	Zip	Phone
UTILITY MFG. CO., INC.	700 Main St.	Westbury	N.Y.	11590	516-997-6300

Facility Mailing Address (If different from above)	Facility Contact Person (Name & Title)	Phone
same	Audie Kranz President	same

Facility Owner	Street Address	Village	State	Zip	Phone
same					

Property Owner (If not Facility Owner)	Street Address	Village	State	Zip	Phone
same					

Tank Owner (If not Facility Owner)	Street Address	Village	State	Zip	Phone

Name that should appear on Permit (Permittee) (If different from Facility Owner): same

Permittee's Street Address	Village	State	Zip	Phone

Permittee's Relationship to Facility Owner: ■ Same ☐ Operator of Facility ☐ Other (Specify):

Principal Property Tax Code:	School District No.	Section	Block	Lot
	1	11	328	176

Forms Attached (Check all that apply): ☒ Form 2 - Tank Registration ☒ Form 3 - Bulk & Container Storage Registration ☐ Form 4 - Storage of Road De-icing Materials

I hereby affirm under penalty of perjury, that the information provided on this form and on any attached forms, statements and exhibits is true to the best of my knowledge and belief.

Print Name	Signature	Title	Date
Audie Kranz		President	1/28/87

EH 857 4/86

NASSAU COUNTY DEPARTMENT OF HEALTH
APPLICATION FOR A TOXIC OR HAZARDOUS MATERIALS STORAGE FACILITY PERMIT
FORM 2 - TANK REGISTRATION
SEE INSTRUCTION SHEETS

RECEIVED
FEB 17 1987
NCDH — BLRM

For Office Use Only

Date Application Received: FEB 17 1987
Facility I.D.: 3872
Reviewed By: FEB 17
Date Reviewed: 2/17
Action: ☐ Not Req'd. ☐ Approved ☐ Disapproved
No. of Months:

Facility Name: Utility Mfg. Co.,Inc.

Facility Address: 700 Main St. Westbury, N.Y. 11590

Action	Tank Number	Location	Design Capacity (Gallons)	Material of Construction	Internal Protection	External Protection	Piping	Type	Material Currently or Last Stored: NCDH Number	Material Currently or Last Stored: Name	Status	Tank Installation Date (Month/yr)	Leak Detection	Secondary Containment	Product Gauge	Dispenser Method	Fill	Additional Information for Abandoned Tanks: Date Last Used (Month/yr)	Additional Information for Abandoned Tanks: Condition
	1	4	4000	1	8	3	2/3	1	5781	Methyl Ethyl Ketone	5	7/85	1	3	1	1	2	N/A	N/A
	2	4	4000	1	8	3	2/3	1	?8651	Tetrahydrofuran	5	7/85	1	3	1	1	2	N/A	N/A
	3	1	2000	1	2	2	1/8	1	?8243	Sodium Silicate	1	12/77	5	5	2	2	1	N/A	N/A
	4	1	2000	1	2	2	1/8	1	?8243	Sodium Silicate	1	12/77	5	5	2	2	1	N/A	N/A
	5	1	2000	1	2	2	8	1	?7501	Propylene Glycol	1	4/76	5	5	1	2	1	N/A	N/A
	6	1	2000	1	2	2	8	1	?7501	Propylene Glycol	1	4/76	5	5	1	2	1	N/A	N/A
	7	1	250	2	2	2	1	1	?7501	Propylene Glycol	1	12/84	5	5	1	3	1	N/A	N/A
	8	1	550	1	2	2	1	1	?8592	Perchloroethylene	1	4/76	5	5	1	3	1	N/A	N/A
	9	1	550	1	2	2	1	1	?9122	1,1,1,Trichloroethane	1	4/76	5	5	1	3	1	N/A	N/A
	10	1	550	1	2	2	1	1	05951 ?	Heavy Aromatic Naphtha	1	4/76	5	5	1	3	1	N/A	N/A
	11	1	550	1	2	2	1	1	05951 ?	Heavy Aromatic Naphtha	1	4/76	5	5	1	3	1	N/A	N/A
	12	1	550	1	2	2	1	1	06381 ?	Naphthenic Oil	1	4/76	5	5	1	3	1	N/A	N/A
	13	1	550	1	2	2	1	1	?5811	Mineral spirits 66	1	4/76	5	5	1	3	1	N/A	N/A

.SSAU COUNTY DEPARTMENT OF HEALTH
APPLICATION FOR A TOXIC OR HAZARDOUS MATERIALS STORAGE FACILITY PERMIT
FORM 3 - BULK AND CONTAINER STORAGE REGISTRATION
SEE INSTRUCTION SHEETS

For Office Use Only
RECEIVED
Date Application Received FEB 17 1987
Reviewed By HS
Fa. 3x
Date ... ed. 2/17
Action: NCDH - EHLRM'd.
☐ Approved ☐ Disapproved
No.of Months

Facility Name: Utility Mfg. Co.,Inc.
Facility Address: 700 Main St. Westbury, N.Y. 11590

Action: ☒ Register Existing Area ☐ Add Area ☐ Remove Area ☐ Modify Area | Area No. S1

Location: ☒ Indoors ☐ Outdoors | Bulk Storage Max.Quantity Stored: 10,000 lbs. | Container Storage Max.No. 200 Max.Vol. 11,000 gals.

Secondary Containment: ☐ Impervious Berm/Dike ☒ Impervious Floor/Pad ☐ Roof ☒ Walls ☐ Floor Drain & Storage Tank ☐ None ☐ Other (Specify):

Construction Material of Dike & Pad (Check all that Apply) ☒ Concrete ☐ Steel ☐ Other (Specify): | Security ☒ Yes ☐ No

ype	NCDH Number	Material Name	Physical State	Amount Stored: Average Quantity	Amount Stored: Units	Storage Method: Average Number	Storage Method: Type
	? 4771	Isopropanol	1	55	1	1	1
	? 5811	Odorless Mineral Spirits	1	55	1	1	1
	? 8183	Sodium Lauryl Sulfate	1	55	1	1	1
	? 11481	Fatty Acid Imidazoline	1	110	1	2	1
	? 11461	Ninex 24 (Alkanolamide	1	55	1	1	1
	? 5461	Methanol	1	55	1	1	1
	? 6251	Nonylphenoxypoly (Ethyleneoxy) Ethanol	1	330	1	6	1
	? 5772	Methylene Chloride	1	55	1	1	1
	? 3551	Dipropylene Glycol Monomethyl Ether	1	55	1	1	1
	? 471	Hexylene Glycol	1	55	1	1	1
	? 05951	Petroleum Solvent NAPHTHA	1	110	1	2	1
	? 6881	Technical Petrolatum	2	6050	1	110	1

NASSAU COUNTY DEPARTMENT OF HEALTH
APPLICATION FOR A TOXIC OR HAZARDOUS MATERIALS STORAGE FACILITY PERMIT
FORM 3 - BULK AND CONTAINER STORAGE REGISTRATION
SEE INSTRUCTION SHEETS

RECEIVED

For Office Use Only

Date Application Received FEB 17 1987

Fa 3c

Reviewed By NCDH - BIRMS

Date R 2/17

Action: ☐ Not Req'd. ☐ Approved ☐ Disapproved

No.of Months

Facility Name: Utility Mfg. Co.,Inc.

Facility Address: 700 Main St. Westbury, N.Y. 11590

Action: ☒ Register Existing Area ☐ Add Area ☐ Remove Area ☐ Modify Area

Area No. S1

Location: ☒ Indoors ☐ Outdoors

Bulk Storage Max.Quantity Stored: 10,000 lbs.

Container Storage Max.No. 200 Max.Vol. 11,000 gals.

Secondary Containment: ☐ Impervious Berm/Dike ☒ Impervious Floor/Pad ☒ Roof ☒ Walls ☐ Floor Drain & Storage Tank ☐ None ☐ Other (Specify):

Construction Material of Dike & Pad (Check all that Apply) ☒ Concrete ☐ Steel ☐ Other (Specify):

Security ☒ Yes ☐ No

ype	NCDH Number	Material Name	Physical State	Amount Stored		Storage Method	
				Average Quantity	Units	Average Number	Type
	? 11491	Sulfurized Aliphatic Alkenes and Triglycerides	1	110	1	2	1
	? 11501	Sulfurized Animal Fat	1	110	1	2	1
	? 6511	Oleic Acid	1	55	1	1	1
	? 12663	Sodium Sulfonate	1	110	1	2	1
	? 4141	Glycerine	1	55	1	1	1
	? 11511	Sorbitan Sesquioleate	1	110	1	2	1
	? 10801	Blown Fish/Oil	1	110	1	2	1
	? 7013	Phosphoric Acid	1	30	1	1	2
	? 01191	Ethylene Glycol Monobutyl Ether	1	110	1	2	1
	? 00350	Hydroxyacetic Acid	1	55	1	1	1
	? 4413	Hydrochloric Acid 20°	1	275	;	5	1
	? 11524	Rodine 85	1	55	1	1	1

CH-850 1/86

NASSAU COUNTY DEPARTMENT OF HEALTH
APPLICATION FOR A TOXIC OR HAZARDOUS MATERIALS STORAGE FACILITY PERMIT
FORM 3 - BULK AND CONTAINER STORAGE REGISTRATION
SEE INSTRUCTION SHEETS

For Office Use Only
Date Application Received: R E C'D
Reviewed: FEB 17 1987
By: RS
Action: NCDH ☐ Bd. Rec'd. ☐ Approved ☐ Disapproved
Fee: 3.
Date Viewed: 2/17
No. of Months:

Facility Name: Utility Mfg. Co.,Inc.

Facility Address: 700 Main St. Westbury, N.Y. 11590

Action: ☒ Register Existing Area ☐ Add Area ☐ Remove Area ☐ Modify Area — Area No. S1

Location: ☒ Indoors ☐ Outdoors | Bulk Storage Max.Quantity Stored: 10,000 lbs. | Container Storage Max.No. 200 Max.Vol. 11,000 gals.

Secondary Containment: ☐ Impervious Berm/Dike ☒ Impervious Floor/Pad ☒ Roof ☒ Walls ☐ Floor Drain & Storage Tank ☐ None ☐ Other (Specify):

Construction Material of Dike & Pad (Check all that Apply) ☒ Concrete ☐ Steel ☐ Other (Specify):

Security: ☒ Yes ☐ No

Type	NCDH Number	Material Name	Physical State	Amount Stored: Average Quantity	Amount Stored: Units	Storage Method: Average Number	Storage Method: Type
	? 11532	Emulsified Orthochlorotoluene	1	440	1	8	1
	? 3761	Ethylene Glycol Monoethyl Ether ✓	1	110	1	2	1
	? 9853	Zinc Chloride Solution	2	1650	1	30	1
	? 12642	Methyl Pentachlor Stearate 500	1	55	1	1	1
	? 7263	Potassium Hydroxide	2	400	3	1	1
	? 8153	Sodium Hydroxide	2	1000	3	20	5
	? 2413	Copper (II) Sulfate,Penta Hydrate	2	1000	3	10	5
	? 3947	Sodium Tripolyphosphate	2	50	3	1	5
	? 8841	Thiourea	2	385	3	7	5
	? 9503	Trisodium Phosphate	2	200	3	2	5
	? 8463	Sulfamic Acid	2	200	3	2	5
	? 11003	Ammonium Chloride	2	2000	3	20	5

ASSAU COUNTY DEPARTMENT OF HEALTH
APPLICATION FOR A TOXIC OR HAZARDOUS MATERIALS STORAGE FACILITY PERMIT
FORM 3 - BULK AND CONTAINER STORAGE REGISTRATION
SEE INSTRUCTION SHEETS

RECEIVED

For Office Use Only

Date Application Received FEB 17 1987	Faci 3L
Reviewed By NCDH—BLRM HK	Date Reviewe 2/17
Action: ☐ Not Req'd. ☐ Approved ☐ Disapproved	No.of Months

Facility Name: Utility Mfg. Co.,Inc.

Facility Address: 700 Main St. Westbury, N.Y. 11590

Action: ☒ Register Existing Area ☐ Add Area ☐ Remove Area ☐ Modify Area — Area No. S1

Location: ☒ Indoors ☐ Outdoors | Bulk Storage Max.Quantity Stored: 10,000 lbs. | Container Storage Max.No. 200 Max.Vol. 11,000 gals.

Secondary Containment: ☐ Impervious Berm/Dike ☒ Impervious Floor/Pad ☐ Roof ☒ Walls ☐ Floor Drain & Storage Tank ☐ None ☐ Other (Specify):

Construction Material of Dike & Pad (Check all that Apply) ☒ Concrete ☐ Steel ☐ Other (Specify): — Security ☒ Yes ☐ No

Type	NCDH Number	Material Name	Physical State	Amount Stored: Average Quantity	Amount Stored: Units	Storage Method: Average Number	Storage Method: Type
	? 2571	Cyclohexanone	1	55	1	1	1
1	09021	LEHON YELLOW OXIDE	2	100	3	1	2
1	09040	DOWICIDE	2	50	3	1	2
1		LINSEED MEAL	2	1000	3	5	2

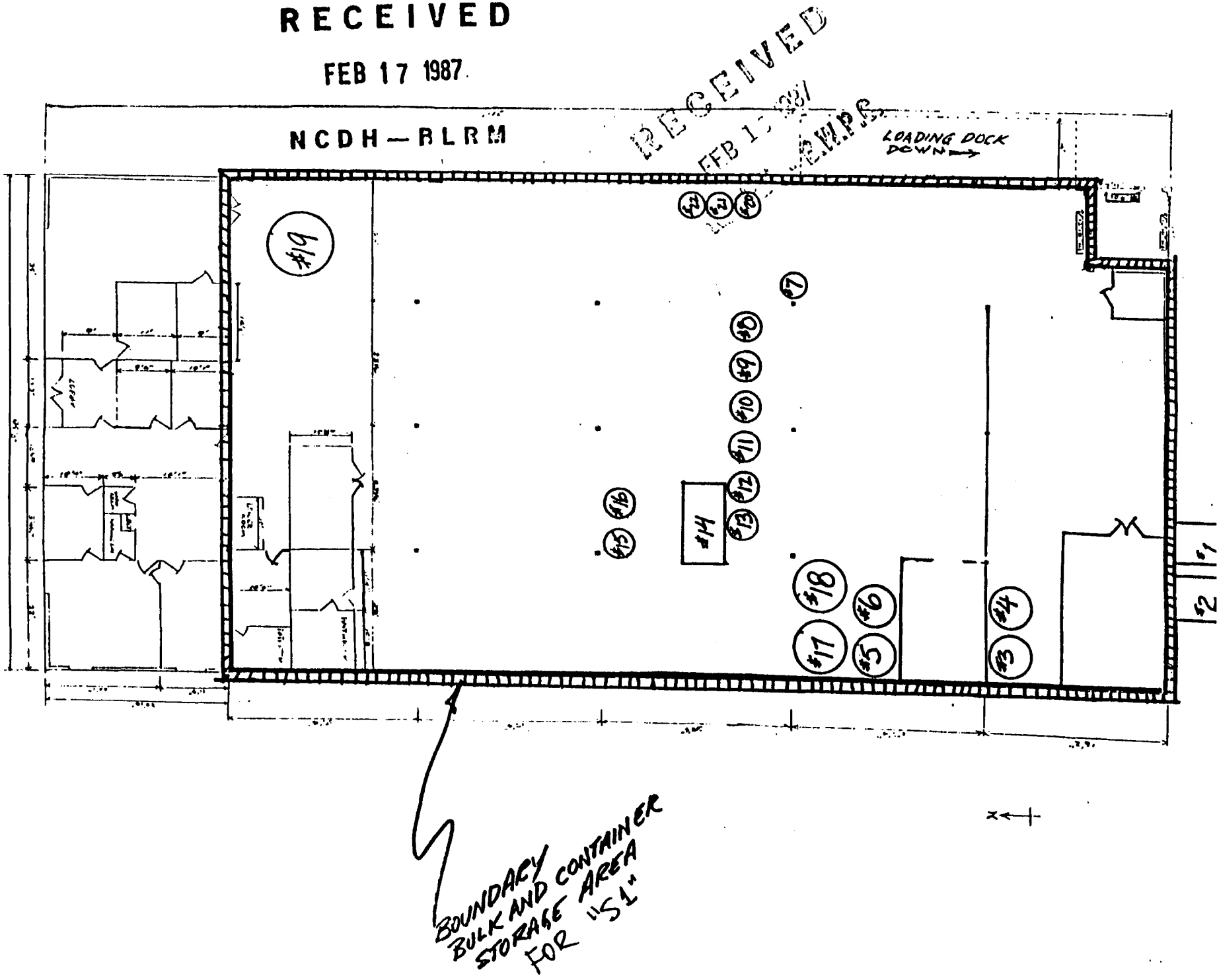
3/13/86

FM 850 4/86

RECEIVED

FEB 17 1987

NCDH—RLRM



NASSAU COUNTY DEPARTMENT OF HEALTH — NASSAU COUNTY PUBLIC HEALTH ORDINANCE - ARTICLE XI
APPLICATION FOR A TOXIC OR HAZARDOUS MATERIALS STORAGE FACILITY PERMIT
FORM 1 - GENERAL INFORMATION
SEE INSTRUCTION SHEET

RECEIVED
FEB 17 1987
NCDH — BLRM

For Office Use Only
Facility I.D. 30
☐ Municipal
☐ Non-Municipal

Check all that apply to your facility: ☒ Tank Storage ☒ Container Storage ☒ Bulk Storage ☐ Storage of Road De-icing Materials

Reason for submitting application: ☒ New ☐ Renewal ☐ Change ☐ Construction

Facility Name	Street Address	Village	State	Zip	Phone
UTILITY MFG. CO., INC.	700 Main St.	Westbury	N.Y.	11590	516-997-630
Facility Mailing Address (If different from above)		Facility Contact Person (Name & Title)			Phone
same		Audie Kranz President			same
Facility Owner	Street Address	Village	State	Zip	Phone
same					
Property Owner (If not Facility Owner)	Street Address	Village	State	Zip	Phone
same					
Tank Owner (If not Facility Owner)	Street Address	Village	State	Zip	Phone

Name that should appear on Permit (Permittee)
(If different from Facility Owner) same

Permittee's Street Address	Village	State	Zip	Phone

Permittee's Relationship to Facility Owner: ☒ Same ☐ Operator of Facility ☐ Other (Specify):

Principal Property Tax Code:	School District No.	Section	Block	Lot
	1	11	328	176

Forms Attached (Check all that apply) ☒ Form 2 - Tank Registration ☒ Form 3 - Bulk & Container Storage Registration ☐ Form 4 - Storage of Road De-icing Materials

I hereby affirm under penalty of perjury that the information provided on this form and on any attached forms, statements and exhibits is true to the best of my knowledge and belief.

Print Name	Signature	Title	Date
Audie Kranz		President	1/28/87

EH 857 4/86

NASSAU COUNTY DEPARTMENT OF HEALTH
APPLICATION FOR A TOXIC OR HAZARDOUS MATERIALS STORAGE FACILITY PERMIT
FORM 2 - TANK REGISTRATION
SEE INSTRUCTION SHEETS

RECEIVED
FEB 17 1987
NCDH — BLRM

For Office Use Only

Date Application Received	Facility I.D
Reviewed By	Date Reviewed
Action: ☐ Not Req'd. ☐ Approved ☐ Disapproved	No. of Months

Facility Name Utility Mfg. Co.,Inc.

Facility Address 700 Main St. Westbury, N.Y. 11590

Action	Tank Number	Location	Design Capacity (Gallons)	Material of Construction	Internal Protection	External Protection	Piping	Type	Material Currently or Last Stored: NCDH Number	Material Currently or Last Stored: Name	Status	Tank Installation Date (Month/yr)	Leak Detection	Secondary Containment	Product Gauge	Dispenser Method	Fill	Additional Information for Abandoned Tanks: Date Last Used (Month/yr)	Additional Information for Abandoned Tanks: Condition
1	1	4	4000	1	8	3	2/3	1	?	Methyl Ethyl Ketone	5	7/85	1	3	1	1	2	N/A	N/A
1	2	4	4000	1	8	3	2/3	1	?	Tetrahydrofuran	5	7/85	1	3	1	1	2	N/A	N/A
1	3	1	2000	1	2	2	1/8	1	?	Sodium Silicate	1	12/77	5	5	2	2	1	N/A	N/A
1	4	1	2000	1	2	2	1/8	1	?	Sodium Silicate	1	12/77	5	5	2	2	1	N/A	N/A
1	5	1	2000	1	2	2	8	1	?	Propylene Glycol	1	4/76	5	5	1	2	1	N/A	N/A
1	6	1	2000	1	2	2	8	1	?	Propylene Glycol	1	4/76	5	5	1	2	1	N/A	N/A
1	7	1	250	2	2	2	1	1	?	Propylene Glycol	1	12/84	5	5	1	3	1	N/A	N/A
1	8	1	550	1	2	2	1	1	?	Perchloroethylene	1	4/76	5	5	1	3	1	N/A	N/A
1	9	1	550	1	2	2	1	1	?	1,1,1,Trichloroethane	1	4/76	5	5	1	3	1	N/A	N/A
1	10	1	550	1	2	2	1	1	?	Heavy Aromatic Naphtha	1	4/76	5	5	1	3	1	N/A	N/A
1	11	1	550	1	2	2	1	1	?	Heavy Aromatic Naphtha	1	4/76	5	5	1	3	1	N/A	N/A
1	12	1	550	1	2	2	1	1	?	Naphthenic Oil	1	4/76	5	5	1	3	1	N/A	N/A
1	13	1	550	1	2	2	1	1	?	Mineral spirits 66	1	4/76	5	5	1	3	1	N/A	N/A

NASSAU COUNTY DEPARTMENT OF HEALTH
APPLICATION FOR A TOXIC OR HAZARDOUS MATERIALS STORAGE FACILITY PERMIT
FORM 2 - TANK REGISTRATION
SEE INSTRUCTION SHEETS

RECEIVED
FEB 17 1987
NCDH — BLRM

For Office Use Only

Date Application Received	Facility I.D
Reviewed By	Date Reviewed
Action: ☐ Not Req'd. ☐ Approved ☐ Disapproved	No.of Months

Facility Name: Utility Mfg. Co.,Inc.

Facility Address: 700 Main St. Westbury, N.Y. 11590

Action	Tank Number	Location	Design Capacity (Gallons)	Material of Construction	Internal Protection	External Protection	Piping	Type	Material Currently or Last Stored: NCDH Number	Material Currently or Last Stored: Name	Status	Tank Installation Date (Month/yr)	Leak Detection Sys.	Secondary Containment	Product Gauge	Dispenser Method	Fill	Additional Information for Abandoned Tanks: Date Last Used (Month/yr)	Additional Information for Abandoned Tanks: Condition
1	14	1	4000	1	8	2	1	1	?	Sodium Hydroxide	1	10/82	5	5	1	3	1		
1	15	1	550	1	2	2	1	1	?	Naphthenic Oil	1	4/76	5	5	1	3	1		
1	16	1	550	1	2	2	1	1	?	Naphthenic Oil	1	4/76	5	5	1	3	1		
1	17	1	3000	1	2	2	1	1	?	Naphthenic Oil	1	8/86	5	5	2	2	1		
1	18	1	3000	1	2	2	1	1	?	Naphthenic Oil	1	8/86	5	5	2	2	1		
1	19	1	3500	1	2	2	8	1	?	Sulfuric Acid 66°	1	4/76	5	5	2	3	1		
1	20	1	275	1	2	2	1	1	?	Naphthenic Oil	1	4/76	5	5	1	2	1		
1	21	1	275	1	2	2	1	1	?	Naphthenic Oil	1	4/76	5	5	1	2	1		
1	22	1	275	1	2	2	1	1	?	Naphthenic Oil	1	4/76	5	5	1	2	1		

EII 858 4/86

Date Submitted 1/28/87

☐ D.P.

NASSAU COUNTY DEPARTMENT OF HEALTH
APPLICATION FOR A TOXIC OR HAZARDOUS MATERIALS STORAGE FACILITY PERMIT
FORM 3 - BULK AND CONTAINER STORAGE REGISTRATION
SEE INSTRUCTION SHEETS

For Office Use Only

RECEIVED
FEB 17 1987
N.C.D.H. - E.H.L.R.M.

Date Application Received
Facility I.
Reviewed By
Date Review
Action: Approved Disapproved
No.of Month

Facility Name: Utility Mfg. Co.,Inc.

Facility Address: 700 Main St. Westbury, N.Y. 11590

Action: ☒ Register Existing Area ☐ Add Area ☐ Remove Area ☐ Modify Area — Area No. S1

Location: ☒ Indoors ☐ Outdoors | Bulk Storage Max.Quantity Stored: 10,000 lbs. | Container Storage Max.No. 200 Max.Vol. 11,000 gals.

Secondary Containment: ☐ Impervious Berm/Dike ☒ Impervious Floor/Pad ☒ Roof ☒ Walls ☐ Floor Drain & Storage Tank ☐ None ☐ Other (Specify):

Construction Material of Dike & Pad (Check all that Apply) ☒ Concrete ☐ Steel ☐ Other (Specify):

Security ☒ Yes ☐ No

Type	NCDH Number	Material Name	Physical State	Amount Stored		Storage Method	
				Average Quantity	Units	Average Number	Typ
1	?	Isopropanol	1	55	1	1	1
1	?	Odorless Mineral Spirits	1	55	1	1	1
1	?	Sodium Lauryl Sulfate	1	55	1	1	1
1	?	Fatty Acid Imidazoline	1	110	1	2	1
1	?	Ninex 24 (Alkanolamide	1	55	1	1	1
1	?	Methanol	1	55	1	1	1
1	?	Nonylphenoxypoly (Ethyleneoxy) Ethanol	1	330	1	6	1
1	?	Methylene Chloride	1	55	1	1	1
1	?	Dipropylene Glycol Monomethyl Ether	1	55	1	1	1
1	?	Hexylene Glycol	1	55	1	1	1
1	?	Petroleum Solvent	1	110	1	2	1
1	?	Technical Petrolatum	2	6050	1	110	1

NASSAU COUNTY DEPARTMENT OF HEALTH
APPLICATION FOR A TOXIC OR HAZARDOUS MATERIALS STORAGE FACILITY PERMIT
FORM 3 - BULK AND CONTAINER STORAGE REGISTRATION
SEE INSTRUCTION SHEETS

RECEIVED

For Office Use Only

Date Application Received FEB 17 1987	Facility I 30
Reviewed By FEB 1 NCDH - BIRM	Date Revie
Action: ☐ Not Req'd. ☐ Approved ☐ Disapproved	No.of Month

Facility Name: Utility Mfg. Co.,Inc.

Facility Address: 700 Main St. Westbury, N.Y. 11590

Action: ☒ Register Existing Area ☐ Add Area ☐ Remove Area ☐ Modify Area | Area No. S1

Location: ☒ Indoors ☐ Outdoors | Bulk Storage Max.Quantity Stored: 10,000 lbs. | Container Storage Max.No. 200 Max.Vol. 11,000 gals

Secondary Containment: ☐ Impervious Berm/Dike ☒ Impervious Floor/Pad ☒ Roof ☒ Walls ☐ Floor Drain & Storage Tank ☐ None ☐ Other (Specify):

Construction Material of Dike & Pad (Check all that Apply) ☒ Concrete ☐ Steel ☐ Other (Specify): | Security ☒ Yes ☐ No

Type	NCDH Number	Material Name	Physical State	Amount Stored		Storage Method	
				Average Quantity	Units	Average Number	Typ
1	?	Sulfurized Aliphatic Alkenes and Triglycerides	1	110	1	2	1
1	?	Sulfurized Animal Fat	1	110	1	2	1
1	?	Oleic Acid	1	55	1	1	1
1	?	Sodium Sulfonate	1	110	1	2	1
1	?	Glycerine	1	55	1	1	1
1	?	Sorbitan Sesquioleate	1	110	1	2	1
1	?	Blown Fish/Oil	1	110	1	2	1
1	?	Phosphoric Acid	1	30	1	1	2
1	?	Ethylene Glycol Monobutyl Ether	1	110	1	2	1
1	?	Hydroxyacetic Acid	1	55	1	1	1
1	?	Hydrochloric Acid 20°	1	275	;	5	1
1	?	Rodine 85	1	55	1	1	1

NASSAU COUNTY DEPARTMENT OF HEALTH
APPLICATION FOR A TOXIC OR HAZARDOUS MATERIALS STORAGE FACILITY PERMIT
FORM 3 - BULK AND CONTAINER STORAGE REGISTRATION
SEE INSTRUCTION SHEETS

RECEIVED

For Office Use Only

Date Application Received FEB 17 1987	Facility I.
Reviewed By NCDH—BLRM	Date Review
Action: ☐ Not Req'd. ☐ Approved ☐ Disapproved	No.of Month

Facility Name: Utility Mfg. Co.,Inc.

Facility Address: 700 Main St. Westbury, N.Y. 11590

Action: ☒ Register Existing Area ☐ Add Area ☐ Remove Area ☐ Modify Area — Area No. S1

Location: ☒ Indoors ☐ Outdoors | Bulk Storage Max.Quantity Stored: 10,000 lbs. | Container Storage Max.No. 200 Max.Vol. 11,000 gals

Secondary Containment: ☐ Impervious Berm/Dike ☒ Impervious Floor/Pad ☒ Roof ☒ Walls ☐ Floor Drain & Storage Tank ☐ None ☐ Other (Specify):

Construction Material of Dike & Pad (Check all that Apply) ☒ Concrete ☐ Steel ☐ Other (Specify): — Security ☒ Yes ☐ No

Type	NCDH Number	Material Name	Physical State	Amount Stored: Average Quantity	Amount Stored: Units	Storage Method: Average Number	Storage Method: Typ
1	?	Cyclohexanone	1	55	1	1	1

EII 859 4/86

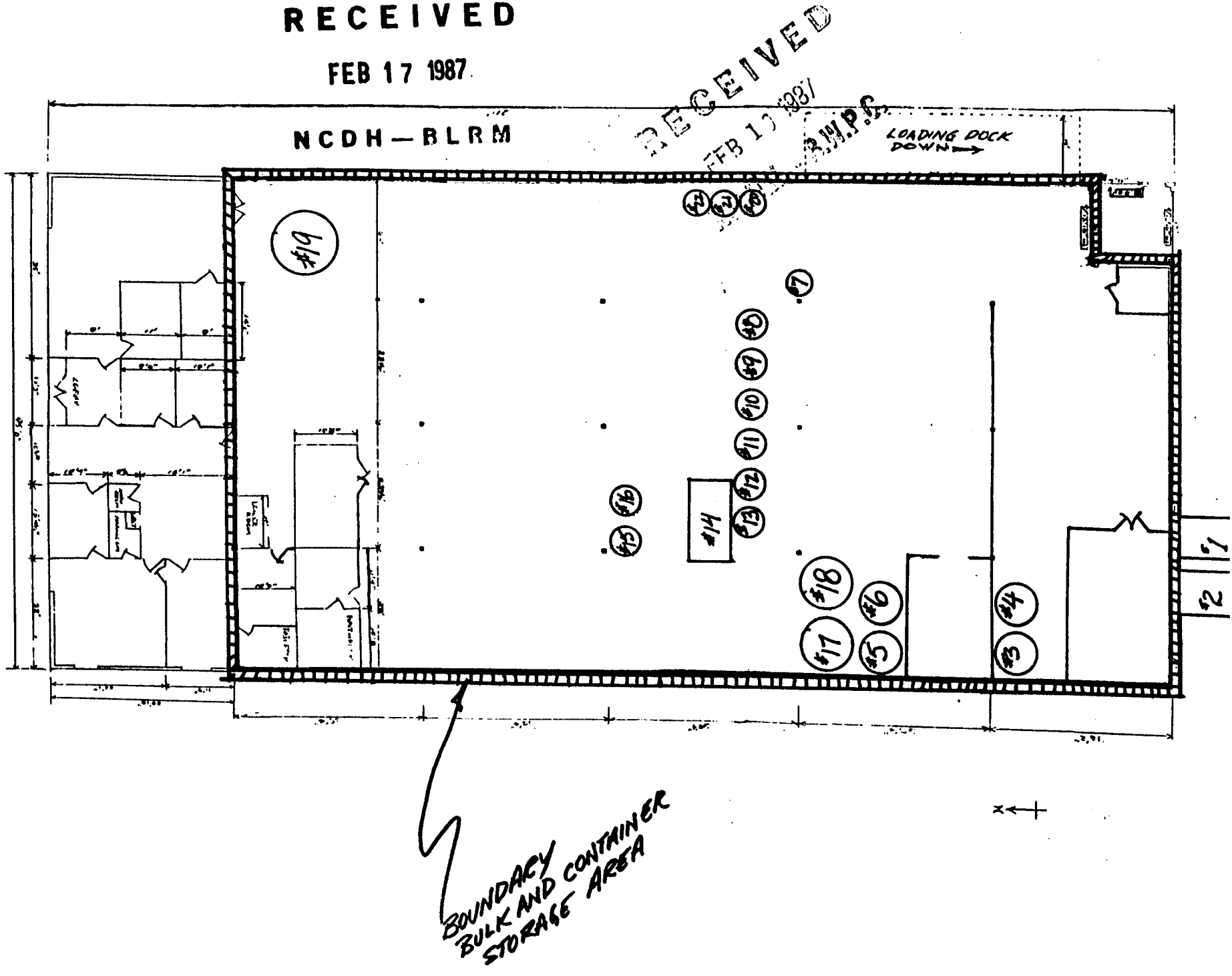
Date Submitted 1/28/87

☐ D.P.

RECEIVED

FEB 17 1987

NCDH — BLRM



UTILITY MANUFACTURING CO., INC.
700-712 MAIN STREET/WESTBURY, NEW YORK 11590/U.S.A.
(516) 997-6300/334-5600
TELEX: 230199 SWIFT UR (DESIGNATE UMC) CABLE: UMC WESTBURYNY

February 9, 1987

Nassau County Department of Health
240 Old Country Road
Mineola, N.Y. 11501

Gentlemen:

Attached please find our applications for a toxic or hazardous materials storage facility permit. We have filled out these forms to the best of our ability in view of the facts we are still awaiting receipt of 40 CFR from the Superintendant of Documents and we wanted to file these forms with you as soon as was possible.

We have also included OSHA-20 Material Safety Data Sheets on as many chemicals that we use and store as we could. We will resubmit amended forms when we have more information to determine which are hazardous or toxic materials.

At this point in time, I would like to address one material that we store, because of the volume we use, we need immediate determination if this material is or is not hazardous. We have included this material on the last line of page 1 of 4 of form 3. Although we don't have 40 CFR to determine how they characterize "Technical Petrolatum", we have read your definitions found in Article XI and we feel this is neither hazardous nor toxic and should not be treated as such. Our premise is that: Section 3aa. defines toxic or hazardous materials to include Petroleum products. Section 3g. defines Petroleum as "...any petroleum-based or partly or wholly synthetically constituted oil of any kind which is liquid at 20°C under normal atmospheric pressure...". This material does not melt until around 50°C. The Material Safety Data Sheet for this material is the first one included. We would appreciate you making a disposition on this product as soon as possible so we can handle it properly.

We have also included a plot diagram of our facility designating the location of all tanks and storage areas.

We have also included a cheque for $500.00 to cover the fees as outlined in section 23. We allocated $400.00 as outlined in section 23.2.2 for the "...maximum registration fee for indoor tanks at each facility...". We allocated $100.00 as outlined in section 23.2.1 for "...each...bulk storage area or container storage area...". If we miscalculated the fees, we would gladly accept a refund, of course.

We are anxious to receive your comments and cooperation to make our facility comply with your regulations. We are a very moral firm and want to be "a good neighbor".

Very truly yours,

Audie M. Kranz
President

AMK/df

CC: W.J. Kranz, Chairman of the Board
S. Sakoutis, Executive Vice President
M. Sakoutis, Plant Manager
M. Sophie, Manager Distribution Services
D. Dittmar, Controller

Enc. Article XI, Form 1
Forms 2
Forms 3
Plot Diagram
Material Safety Data Sheets for the following:

- Technical Petrolatum
- Sulfuric Acid
- Heavy Aromatic Hydrocarbons
- 1,1,1 - Trichloroethane
- Perchlorethylene
- Propylene Glycol
- Sodium Silicate
- Tetrahydrofuran
- Methyl Ethyl Ketone
- Cyclohexanone
- Sulfamic Acid
- Thiourea
- Sodium Tripolyphosphete
- Copper Sulfate
- Sodium Hydroxide, Liquid
- Sodium Hydroxide, Dry
- Potassium Hydroxide
- Zinc Chloride Solution
- Nonylphenoxpoly (ethyleneoxy) ethanol
- Ethylene Glycol Monoethyl Ether
- Orthochlorotoluene
- Rodine 85
- Hydrochloric Acid
- Ethylene Glycol Monobutyl Ether
- Phosphoric Acid
- Sodium Lauryl Sulphate
- Mineral Spirits 66
- Odorless Mineral Spirits
- Isopropyl Alchol
- Methanol
- Sodium Sulfonate
- Oleic Acid
- Dipropylene Glycol Monomethyl Ether
- Petroleum Solvent
- Ninex 24 (Alkanolamide)
- Naphthenic Oil
- Sulfurized Aliphatic Alkenes & Triglycerides
- Sulfurized Animal Fat

UTILITY MANUFACTURING CO., INC.
700-712 MAIN STREET/WESTBURY, NEW YORK 11590/U.S.A.
(516) 997-6300/334-5600
TELEX: 230199 SWIFT UR (DESIGNATE UMC) CABLE: UMC WESTBURYNY

March 17, 1987

Mr. Kurt Welch
C/O Nassau County Department of Health
240 Old Country Road
Mineola, NY 11501

Dear Kurt:

It was nice to have met with you last week when you came by to inspect our plant in response to the forms we submitted to comply with Article XI.

When you were here, I asked if there had been any attention to the particular problem we had mentioned in our letter to the Department on February 9, 1987. The problem we referred to was; we felt that Technical Petrolatum was neither hazardous, toxic or any danger to the ground water.

Yesterday, you called me back and told me you had spoken to your superior, a Mr. Howard Schaeffer, about our problem. You told me that you and he had taken the stance that neither Technical Petrolatum nor Linseed Meal (a vegetable matter we store in small quantities) are subject to any of the conditions of Article XI.

We are greatly indebted to you for expediting this matter and, therefore, saving us expense related to receiving shipments in a much more tedious manner.

If you have any further comments relating to this, please contact us. Also, please let us know what else we can do to comply fully to the spirit of Article XI.

Very truly yours,

Andie M. Kranz
President

AMK/df

CC: W.J. Kranz, CEO
S. Sakoutis, Executive Vice President
M. Sakoutis, Plant Manager
M. Sophie, Manager Distribution Services
D. Dittmar, Controller

NASSAU COUNTY
DEPARTMENT of HEALTH

TOXIC OR HAZARDOUS MATERIALS STORAGE FACILITY PERMIT

Facility Number	Type of Permit	Date Issued	Date Modified	Expiration Date
000302	☒ Operation ☐ Construction	08/01/87	08/01/87	08/01/92

Name of Permittee	Address of Permittee
UTILITY MFG. CO., INC.	700 MAIN STREET WESTBURY NY

GENERAL CONDITIONS

1. By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with Article XI, Nassau County Public Health Ordinance.
2. All work carried out under this permit shall conform to the approved plans and specifications. Any amendments must be approved by the Nassau County Department of Health prior to their implementation. The permittee shall notify the Health Department 48 hours in advance of the start of construction.
3. As a condition of the issuance of this permit, the applicant has accepted expressly, by the execution of the application, the full legal responsibility for all damages direct or indirect, of whatever nature, and by whomever suffered, arising out of the project described herein and has agreed to defend, indemnify and save harmless the County from suits, actions, damages and costs of every name and description resulting from the said project.

Name of Facility:
UTILITY MFG. CO., INC.

Mailing Address:
700 MAIN STREET
WESTBURY NY 11590-

THIS FACILITY CONSISTS OF STORAGE AREAS AS LISTED ON PLANS AND APPLICATIONS FILED WITH THIS DEPARTMENT

Tank/Storage Area Number	Capacity	Type of Toxic or Hazardous Material Stored
0013	550	MINERAL SPIRITS
0014	4000	SODIUM HYDROXIDE
0015	550	OIL, LUBRICATING
0016	550	OIL, LUBRICATING
0017	300	OIL, LUBRICATING
0018	300	OIL, LUBRICATING
0019	3500	SULPHURIC ACID
0020	275	OIL, LUBRICATING
0021	275	OIL, LUBRICATING
0022	275	OIL, LUBRICATING

Authorizing Officer | John J. Dowling, M.D., M.P.H. Commissioner of Health

EH 768 9/86

THIS PERMIT MUST BE POSTED IN A CONSPICUOUS PLACE AT THE FACILITY

NASSAU COUNTY
DEPARTMENT of HEALTH

TOXIC OR HAZARDOUS MATERIALS STORAGE FACILITY PERMIT

Facility Number	000302	Type of Permit	[x] Operation [ ] Construction	Date Issued:	08/01/87	Date Modified:	08/01/87	Expiration Date:	08/01/92
Name of Permittee:	UTILITY MFG. CO., INC.			Address of Permittee:	700 MAIN STREET WESTBURY NY				

GENERAL CONDITIONS

1. By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with Article XI, Nassau County Public Health Ordinance.
2. All work carried out under this permit shall conform to the approved plans and specifications. Any amendments must be approved by the Nassau County Department of Health prior to their implementation. The permittee shall notify the Health Department 48 hours in advance of the start of construction.
3. As a condition of the issuance of this permit, the applicant has accepted expressly, by the execution of the application, the full legal responsibility for all damages direct or indirect, of whatever nature, and by whomever suffered, arising out of the project described herein and has agreed to defend, indemnify and save harmless the County from suits, actions, damages and costs of every name and description resulting from the said project.

[redacted] MFG. CO., INC.
[redacted]
700 MAIN STREET
WESTBURY NY 11590-

THIS FACILITY CONSISTS OF STORAGE AREAS AS LISTED ON PLANS AND APPLICATIONS FILED WITH THIS DEPARTMENT

Tank/Storage Area Number	Capacity	Type of Toxic or Hazardous Material Stored
0001	10000	MULTIPLE CHEMICALS STORED
0001	11000	MULTIPLE CHEMICALS STORED
[redacted]	2000	SODIUM SILICATE
	2000	SODIUM SILICATE
	2000	PROPYLENE GLYCOL
	2000	PROPYLENE GLYCOL
	250	PROPYLENE GLYCOL
	550	TETRACHLOROETHYLENE
	550	TRICHLOROETHANE, 1,1,1-
	550	NAPHTHA, VM&P (VARSOL,PETROLEUM SPIRITS)
	550	NAPHTHA, VM&P (VARSOL,PETROLEUM SPIRITS)
	550	OIL, LUBRICATING

CONTINUED

John J. Dowling, M.D., M.P.H. Commissioner of Health

THIS PERMIT MUST BE POSTED IN A CONSPICUOUS PLACE AT THE FACILITY

NASSAU COUNTY

NASSAU COUNTY DEPARTMENT OF HEALTH

NASSAU COUNTY PUBLIC HEALTH ORDINANCE - ARTICLE XI

PERMIT COMPLIANCE INSPECTION REPORT

BUREAU OF LAND RESOURCES MANAGEMENT

Michael SaKountis - Plant Mgr

Facility Name: Utility MFG. Co. INC. | 000302

Address: 700 Main Street, Westbury NY 11590

Contact Person: Audie M. Kranz | Title: Exec. V.P. | Phone: 997-6300

Date Permit Expires: 08/01/92 | ☒ New ☐ Renewal

ITEM	Yes	No	N/A
A. TANK STORAGE 20 Above-Ground Tanks. Inside Bldg.			
1. Leakage & Spill Monitoring Equipment Functioning			✓
2. Means of Calculating Product Delivery & Use	✓		
3. Proper Overfill Protection Inside.	—		
4. Adequate Spill Concrol & Containment Bldg.	—		
5. Roof Over Transfer Operation			✓
6. Proper Testing & Inspections	✓		
7. Proper Labels & Notices Posted	✓		
8. Standard Operating Procedures Posted	✓		
C. RECORDS AND REPORTS			
1. Records of Chemical Deliveries & Use In Order	✓		
2. Records of Inspections In Order	✓		
(3) Records of Leaks & Spills In Order 4/14/88 Contaminated Sanitary System from 575 Broad Hollow Road Melville NY 11747	✓		
4. Waste Records In Order	✓		
5. Reports Submitted On Time 1987 required	✓		

ITEM	Yes	No	N
B. BULK & CONTAINER STORAGE			
1. Adequate Spill Control & Containment	✓		
2. Proper Segregation of Incompatible Wastes	✓		
3. Storage of Bulk Chemicals On Pallets & Under Roof	✓		
4. Storage Area Secure	L		
5. Proper Stack Size & Adequate Aisles	✓		
6. Containers Off Ground, Capped, Not Leaking	✓		
7. Proper Labels & Notices Posted	✓		
8. Standard Operating Procedures Posted	✓		
D. WASTES - ESTIMATED QUANTITIES ON SITE			
1. Containers Safety Klean mineral spirits.			
2. Tanks None			

DATE	ITEM	COMMENTS
		Safety Klean mineral spirits used for cleaning & degreasing operations in plant. - 15 Gal. Container on hand (a) this inspection time.

OVERALL INSPECTION RATING: ☒ Satisfactory ☐ Non-Compliance

Signature of Inspector	Date	Signature of Company Representative	Date
Herb Welch	11/28/88	[illegible]	11/[illegible]/88

FII 870 5/86

TABLE 1
UTILITY MANUFACTURING CO., INC.
VOLATILE ORGANIC DATA (a)

	Drywells 1 & 2		Drywells 3 & 4		Drywells 5 & 6		Septic Tank #1		Leaching Pool #2		Leaching Pool #3		Blanks	
Parameter	Sediment (b)	Liquid (DW-1 only)	Sediment (b)	Liquid (DW-4 only)	Sediment (b)	Liquid (DW-5 only)	Sediment	Liquid	Sediment	Liquid	Sediment	Liquid	Field	T.
Chloromethane	0.06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.028	0.012
Bromomethane	0.17	0.024	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.14	0.07
Vinyl Chloride	0.11	0.023	ND	0.01	ND	0.01	ND	ND	ND	ND	ND	ND	0.11	0.056
Chloroethane	0.15	0.017	ND	0.19	ND	ND	ND	ND	ND	ND	ND	ND	0.10	0.048
Methylene Chloride	1.0	0.12	17.0	ND	3.3	0.06	1.6	ND	11.0	0.10	16.0	0.10	0.17	0.2
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	1.0	ND	ND	0.12	ND	0.09	ND	ND
C/T-1,2-Dichloroethene	ND	ND	ND	0.15	8.9	0.065	36.0	ND	76.0	0.74	110.0	0.58	ND	ND
Chloroform	0.5	ND	ND	ND	2.9	ND	1.2	ND	ND	ND	9.4	0.008	ND	ND
1,1,1-Trichloroethane	0.13	ND	ND	ND	2.7	ND	6.0	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene	ND	ND	ND	ND	6.7	ND	ND	ND	ND	ND	ND	0.016	ND	ND
1,1,2-Trichloroethane	0.086	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethylene	ND	ND	ND	ND	ND	ND	7.0	ND	ND	ND	ND	0.160	ND	ND
Toluene	0.25	ND	10.0	ND	3.1	ND	6.8	ND	48.0	0.110	63.0	0.050	ND	ND
Chlorobenzene	ND	ND	ND	ND	ND	ND	1.0	ND	ND	0.006	ND	ND	ND	ND
Ethylbenzene	0.026	ND	ND	ND	ND	ND	2.2	ND	ND	0.005	ND	ND	ND	ND
1,2-Dichlorobenzene	ND	ND	ND	ND	7.8	0.050	31.0	ND	130.0	0.61	68.0	0.29	ND	ND
1,3-Dichlorobenzene	ND	ND	ND	ND	2.8	0.047	27.0	ND	160.0	0.10	39.0	0.11	ND	ND
1,4-Dichlorobenzene	ND	ND	ND	ND	4.4	0.071	22.0	ND	160.0	0.22	40.0	0.10	ND	ND

Samples Collected on November 9, 1988
ND - Not detected at analytical detection limit

(a) - Analytical data reported in mg/kg for sediment samples
mg/l for liquid samples
(b) - Collected as a composite sediment sample from the two drywells

TABLE 2
UTILITY MANUFACTURING CO., INC.
SEMI-VOLATILE ORGANIC DATA (a)

	Drywells 1 & 2 (b)		Drywells 3 & 4 (b)		Drywells 5 & 6 (b)		Septic Tank #1		Leaching Pool #2		Leaching Pool #3		Field
Parameter	Sediment	Liquid	Sediment	Liquid	Sediment	Liquid	Sediment	Liquid	Sediment	Liquid	Sediment	Liquid	Blank
1,3-Dichlorobenzene	ND	ND	ND	ND	290.0	ND	0.034	6.8	0.061	11.0	0.036	ND	ND
1,4-Dichlorobenzene	ND	ND	1.6	ND	360.0	0.012	0.066	14.0	0.01	23.0	0.039	35.0	ND
1,2-Dichlorobenzene	ND	ND	0.55	ND	390.0	0.01	0.010	32.0	0.19	14.0	0.13	61.0	ND
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND		ND	16.0	ND	ND	ND
Naphthalene	ND	ND	6.6	ND	84.0	ND	ND	34.0	ND	30.0	ND	80.0	ND
Acenaphthylene	ND	ND	0.74	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	ND	ND	0.87	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	ND	ND	1.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	ND	ND	12.0	ND	ND	ND	ND	ND	ND	2.4	ND	ND	ND
Anthracene	ND	ND	14.0	ND	ND	ND	ND	ND	ND	2.8	ND	ND	ND
Di-n-butyl phthalate	0.01	ND	ND	ND	ND	ND	0.018	ND	0.023	ND	0.018	ND	ND
Fluoranthene	0.32	ND	3.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	0.47	ND	0.98	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butyl benzyl phthalate	3.1	ND	1.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2 ethyl hexyl)phthalate	7.7	ND	4.1	ND	ND	ND	ND	49.0	ND	88.0	ND	120.0	ND
Di-n-octyl phthalate	ND	ND	0.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	ND	ND	ND	ND	ND	ND	0.093	ND	0.012	ND	0.042	ND	ND
2,4-Dimethyl phenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.3	ND	ND	ND

Samples collected on November 9, 1988
ND - Not detected at analytical detection limit
(a) - Analytical data reported in mg/kg for sediment samples
mg/l for liquid samples
(b) - Collected as a composite sediment or liquid sample from the two drywells

TABLE 3
UTILITY MANUFACTURING CO., INC.
INORGANIC DATA (mg/l)
EP TOXICITY EXTRACTION PROCEDURE

	Drywells 1 & 2 (a)		Drywells 3 & 4 (a)		Drywells 5 & 6 (a)		Septic Tank #1		Leaching Pool #2		Leaching Pool #3		Field
Parameter	Sediment	Liquid	Sediment	Liquid	Sediment	Liquid	Sediment	Liquid	Sediment	Liquid	Sediment	Liquid	Blank
Arsenic	<0.50	<0.005	<0.50	<0.005	<0.50	<0.005	<0.50	0.009	<0.50	<0.005	<0.50	<0.005	<0.005
Barium	0.65	<0.2	0.50	<0.2	0.41	<0.2	0.40	1.8	0.35	<0.2	<0.20	<0.2	<0.2
Cadmium	0.031	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.064	0.005	<0.005	<0.005	<0.005	<0.005
Chromium	<0.01	<0.02	<0.01	0.02	<0.01	0.04	<0.01	0.32	0.01	0.02	<0.01	0.03	<0.02
Lead	0.99	0.005	<0.01	0.25	<0.01	0.22	<0.01	3.31	<0.01	0.11	<0.01	0.12	<0.005
Mercury	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.0004	0.0022	0.00032	<0.0002	<0.0002	<0.0002
Selenium	<0.20	<0.005	<0.20	<0.005	<0.20	<0.005	<0.20	<0.005	<0.20	<0.005	<0.20	<0.005	<0.005
Silver	<0.01	<0.02	<0.01	<0.02	<0.01	<0.02	<0.01	<0.02	<0.01	<0.02	<0.01	<0.02	<0.02

Samples collected on November 9, 1988
ND - Not detected at analytical detection limit
(a) - Collected as a composite sediment or liquid sample from the two drywells (stormdrains)

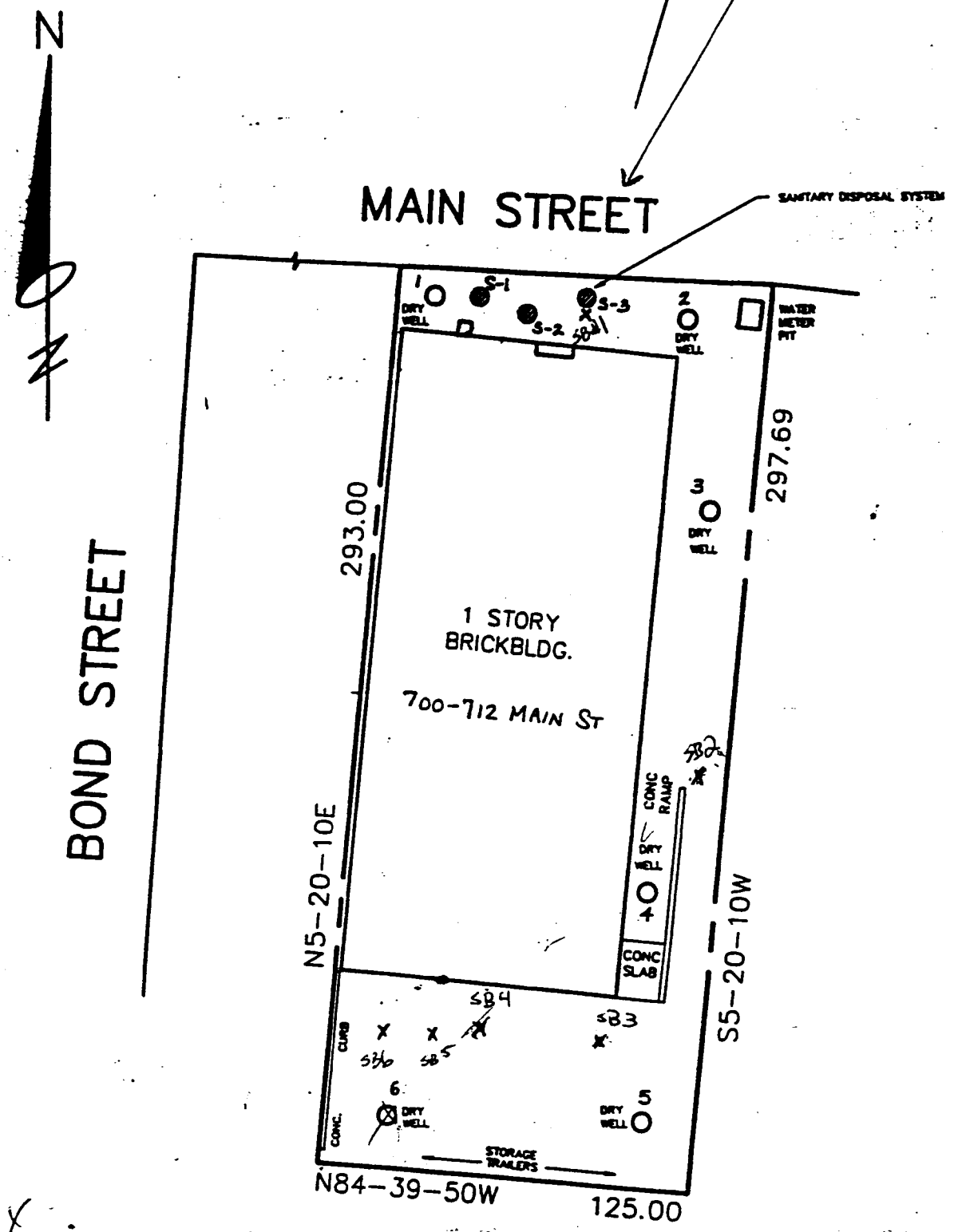


FIGURE 3

SCALE: 1"=50'

H2M GROUP

Holzmacher, McLendon and Murrell, P.C. • Holzmacher, McLendon and Murrell, Inc. • H2M Labs, Inc.
Engineers, Architects, Planners, Scientists

575 Broad Hollow Road, Melville, N.Y. 11747-5076
(516) 756-8000 • (201) 575-5400

August 31, 1988

Ms. Angela B. Pettinelli
Public Health Engineer
Bureau of Land Resources Management
Nassau County Department of Health
240 Old Country Road
Mineola, New York 11501

Re: Work Plan for Utility Manufacturing Co.
Westbury, New York

Dear Ms. Pettinelli:

In reference to your letter of July 22, 1988, we offer the following responses to each of your comments on the proposed Work Plan.

1. Regarding backfilling and abandonment of the septic tank and leaching pools, we concur that this will be contingent upon NCDOH consent (3rd paragraph, page 4).

2. The six on-site drywells have been numbered 1 through 6 as shown in the attached Figure A. Three sets of sediment and liquid samples will be collected from drywells no. 1 and 2, 3 and 4, and 5 and 6, respectively, and will be composited in the laboratory for analysis. However, as liquid samples for volatile organics analysis should not be composited, these samples will be collected as grab samples from three of the six drywells (from either drywell no. 1 or 2, 3 or 4 and 5 or 6) based upon visual observations and highest PID readings, if any, at the time of sampling. All samples (sediments and liquids) will be taken for laboratory analysis for priority pollutant volatiles, base neutrals, acid extractables, and E.P. toxic metals. Specific samples to be collected, matrix and parameters for analysis are summarized in the attached Table A.

6. The proposed work plan provided for obtaining water levels on two occasions for inclusion in the final report. As the site is not located near a groundwater divide, we can expect groundwater flow direction to be generally consistent in a southernly direction.

Should any aspect of the Work Plan require further clarification, please do not hesitate to contact us.

Very truly yours,

HOLZMACHER, McLENDON & MURRELL, P.C.

Michael V. Tumulty, P.E.
Project Manager

MVT/lc
cc: Audie M. Kranz, Utility Manufacturing Co.

Table A

Task 2 - Summary of Samples for Analysis

Sample	Matrix	Drywell(s) Sampled	Sampling Method	Parameters for Analysis
A	Sediment	1 and 2	Composite	VOA, BN/AE, EP Toxic Metals
	Liquid	1 and 2	Composite	BN/AE, EP Toxic Metals
	Liquid	1 or 2	Grab	VOA
B	Sediment	3 and 4	Composite	VOA, BN/AE, EP Toxic Metals
	Liquid	3 and 4	Composite	BN/AE, EP Toxic Metals
	Liquid	3 or 4	Grab	VOA
C	Sediment	5 and 6	Composite	VOA, BN/AE, EP Toxic Metals
	Liquid	5 and 6	Composite	BN/AE, EP Toxic Metals
	Liquid	5 or 6	Grab	VOA

3. Regarding the cleanup of the sanitary system prior to boring through the leaching pools, this will be done to assure that contaminants, if any, will not move vertically down to the water table during drilling. Additionally, no chemicals will be used during the power washing of the sanitary system. The clean sand fill material will not affect the outcome of sampling of soils beneath the leaching pool (second paragraph, page 8).

4. Split barrel core samples will be collected at 5 foot intervals down to the water table. Additionally, one split barrel core sample will be collected from the saturated zone at the depth of the well screen (second paragraph, page 9 and second paragraph, page 11).

5. The dimension of the PVC well screen on Figure 4, page 17 should read 15 feet and not 10 feet.

H2M GROUP

Holzmacher, McLendon and Murrell, P.C. • Holzmacher, McLendon and Murrell, Inc. • H2M Labs, Inc.
Engineers, Architects, Planners, Scientists

575 Broad Hollow Road, Melville, N.Y. 11747-5076
(516) 756-8000 • (201) 575-5400
FAX: 516-694-4122

June 6, 1988

Mr. Audie M. Kranz, President
Utility Manufacturing Co., Inc.
700-712 Main Street
Westbury, New York 11390

Re: Proposal for Professional
Engineering Services

Dear Mr. Kranz:

In accordance with your request, we are pleased to submit herewith our proposal for professional engineering services to address Utility Manufacturing's environmental concerns.

Utility Manufacturing currently disposes of its sanitary wastes via an on-site sanitary disposal system (i.e., septic tank and leaching pools). At the request of Utility Manufacturing, a sludge sample was collected from the septic tank by H2M on April 5, 1988.

Analysis was performed by H2M Labs, Inc. using mass spectroscopy. The sample was analyzed for volatile halogenated and non-halogenated compounds and base-neutral, acid-extractable compounds. Laboratory data show the presence of elevated levels of volatile organics including vinyl chloride (1.8 mg/kg), 1,1,1 - trichloroethane (200 mg/kg), tetrachloroethane (270 mg/kg), 1,1 - dichloroethene (180 mg/kg), and trichloroethylene (29 mg/kg). Several semi-volatile organic compounds - dichlorobenzenes (570 mg/kg) and naphtalene (260 mg/kg) - were also detected. (Laboratory Reports No.855354 and 855355 are enclosed for your reference).

The elevated concentration of contaminants observed in the sludge sample warrant pumping and cleaning of the septic tanks. Based on the concentration of volatile organics present, the sludge should be removed and handled by a licensed waste scavenger.

The facility's wastewater disposal system including the sanitary leaching pools and on-site drywells should be assessed to determine whether remediation of these pools or

drywells is warranted. Since the facility is located within a municipal sewer district, it is recommended that Utility Manufacturing connect to the municipal sewer system.

In addition, the Nassau County Department of Health (NCDOH) is requiring that Utility Manufacturing conduct a remedial investigation to determine the presence and extent, if any, of subsurface soil and groundwater contamination at the site. The objective of the subsurface investigation shall therefore be to examine both subsurface soil and groundwater quality in order to identify the source of any on-site contamination, and to recommend potential remedial actions, if warranted.

Based on our experience with similar type facilities, the NCDOH requires that monitoring wells be installed to determine whether the groundwater at the facility has been impacted. In addition, soil borings will be drilled through or immediately adjacent to sanitary leaching pools and/or drywells found to contain contaminants. Groundwater and selected subsurface soil samples will be collected and retained for laboratory analysis. A report shall be prepared for submission to the NCDOH summarizing the sampling and analytical methods utilized as well as recommendations for any future actions.

Specifically, we propose that the scope of services encompass the following:

Task I Sampling and/or Remediation of Drywells and Sanitary Leaching Pools

1) Collect liquid and sediment samples from the two on-site sanitary leaching pools to determine whether the materials removed from the leaching pools would be handled as hazardous. Samples shall also be collected from the on-site drywells (i.e., floor drains, loading bay) to determine whether contaminants have entered into the drywells and would warrant remediation.

2) Analyze samples at H2M Labs, Inc. for volatile and semi-volatile organic compounds and EP toxic metals.

3) Arrange for subcontractor services to pump and clean the septic tanks and leaching pools. Clean up of

leaching pools shall include pumping, power washing, removal of bottom sediments (if found to be contaminated), and backfilling with clean sand.

4) Provide on-site field services to observe subcontractors clean up of the septic tanks and leaching pools. If remediation of the leaching pools is warranted due to contamination, post-clean up sampling will be conducted.

5) Analysis of post-clean up samples will be limited to those indicator parameters identified in Item (2).

6) Provide liaison services between Utility Manufacturing and local and state regulatory agencies. Liaison services typically involve discussions, correspondence and meetings with regulatory personnel. Emphasis here will be on notification for clean-up of the septic tanks and leaching pools.

7) Provide a letter report to Utility Manufacturing summarizing the results of all samples collected from the septic disposal system (i.e., leaching pools) and drywells, as well as subcontractor efforts during clean-up of the sanitary disposal system.

Task II Sewer Discharge Permit

8) Provide a detailed review of the facility's existing operations which generate wastewater for discharge to the sanitary sewer system.

9) Provide the analytical laboratory services necessary to accomplish to task outlined in Item (8).

10) Prepare an engineering report summarizing the results of our findings regarding Items (8) and (9) for submission to the Nassau County Department of Public Works (NCDPW). The report will present preliminary cost estimates for the engineering and construction of the sewer connections, as well as recommendations for modifications as required to obtain approval for sewer discharge. The engineering report shall be reviewed by Utility Manufacturing prior to submission to the NCDPW.

11) Prepare necessary permit application for sewer connection and supportive information for submission to the NCDPW. The supportive information would include information and sample data collected under Items (8) and (9). Site plans to be submitted to NCDPW in conjunction with the permit application will be developed using plans and drawings provided by Utility Manufacturing.

Please note that the services offered under this proposal do not include design services. Upon completion of the engineering report, we will be better able to provide cost estimates for preparation of construction drawings, as required by NCDPW. Construction drawings will include plan layout, and details for leaching pool abandonment. The plans will also include specifications for all materials, equipment and construction. In addition to meeting the requirements of the NCDPW, the plans will enable Utility Manufacturing to solicit competitive quotes for construction.

Task III Subsurface Soil and Groundwater Investigation Work Program

12) Develop a work program for the subsurface investigation which consists of a Work Plan, Quality Assurance/Quality Control (QA/QC) Plan and a Health and Safety Plan. The work program will be developed in accordance with NCDOH protocols.

The Work and QA/QC Plans identify the tasks to be undertaken as part of the subsurface investigation as well as a time schedule for completing the tasks. The plan also identifies monitoring well and soil boring locations, and field sampling and analytical protocols to be followed.

The Health and Safety Plan outlines protocols for work operations and sampling activities which provides protection for workers, employees and the environment from possible exposure to contamination.

We propose to provide the engineering services as outlined in Items (1), (3), (4), (6), (7), (8) (10), (11) and (12) on a per diem basis. Per diem rates are computed as technical

payroll costs plus 1.5 times technical payroll costs for overhead and profit allowance. Technical payroll costs include direct salary plus fringe benefits. Analytical services outlined in Items (2), (5) and (9) are billed as an expense. Cost estimates for engineering and analytical services shall not be exceeded without prior notification. Subcontractor costs will be billed directly to Utility Manufacturing. The cost estimates for these services are provided below:

Engineering Services

	Per diem	Expenses
Task I	$ 3,800	$ 6,500
Task II	5,700	500
Task III	4,000	
Subtotal	$13,500	$ 7,000
Total Engineering Costs		$20,500

Subcontractor Services (for Task I)

a.	Labor and Equipment	$ 6,500
b.	Disposal	12,500
	Estimated Subcontractor Services	$19,000

Subcontractor cost to pump and clean the sanitary disposal system is estimated at $19,000. This cost includes labor and equipment for clean-up as well as an estimated disposal fee based on an assumed volume of septic waste for disposal (3,000 gallons of liquid and 5 cubic yards of solids) This cost does not include an estimate for drywell remediation. Typically, however, drywell remediation is estimated at $3,000 per drywell for subcontractor services.

Upon development of the work program in Task III, a detailed cost estimate to conduct the subsurface investigation (labor and direct costs) will be provided. It is estimated that subcontractor services for soil borings and installation of monitoring wells will be in the range of $15,000 to $20,000. Engineering costs, which includes analytical, on-site field

H2M GROUP

and liaison services, as well as preparation of a summary report, is estimated at $20,000 to $30,000.

Billing shall be made by monthly invoices. Invoices shall be payable in full within thirty (30) days of the invoice date. In addition, we require a mobilization fee of twenty-five percent (25%) of the engineering services billing amount ($5,125.00). This fee shall be credited to the project's final invoice.

We enclose as part of this proposal, our standard proposal statement. If this proposal meets with your approval, please return a signed copy of our proposal statement and the $5,125.00 mobilization fee.

If you have any questions or comments, please contact this office.

Very truly yours,
HOLZMACHER, McLENDON & MURRELL, P.C.

John J. Molloy, P.E.
Vice President

JJM/cdw
Enclosure

88-238

H2M LABS, INC.
575 BROAD HOLLOW ROAD, MELVILLE, N.Y. 11747 • 516-694-3040
ENVIRONMENTAL and INDUSTRIAL ANALYTICAL SERVICES

855354

Utility Manufacturers
700 Main St.
Westbury, NY 11590

Sample Lab No. 855354
Date Collected: 4/5/88
Date Received: 4/5/88
Type: Misc.
Point: Cesspool Sludge Sample
Collected By: KFS 03

PRIORITY POLLUTANTS ANALYSIS - PURGEABLE ORGANICS

Compound		mg/kg (dry wt)
Chloromethane	2)	ND
Bromomethane	2)	ND
Vinyl Chloride	2)	1.8
Chloroethane	2)	ND
Methylene Chloride		30
Trichlorofluoromethane		ND
1.1-Dichloroethene		180
1.1-Dichloroethane		59
cis/trans-1.2-Dichloroethene		16
Chloroform		ND
1.2-Dichloroethane		ND
1.1.1-Trichloroethane		220
Carbon Tetrachloride		ND
Bromodichloromethane		2.5
1.2-Dichloropropane		ND
trans-1.3-Dichloropropene		ND
Trichloroethene		29
Dibromochloromethane		ND
1.1.2-Trichloroethane		ND
cis-1.3-Dichloropropene		ND
Benzene		0.51
2-Chloroethylvinyl Ether	2)	ND
Bromoform		ND
1.1.2.2-Tetrachloroethane		21
Tetrachloroethene		270
Toluene		44
Chlorobenzene		16
Ethylbenzene		11
Acrolein	1)	ND
Acrylonitrile	1)	ND
1.2-Dichlorobenzene		42
1.3-Dichlorobenzene		22
1.4-Dichlorobenzene		45

Quantification limit: 0.8 mg/kg

ND - Under quantification limit.

1) Quantification limit: 3.6 mg/kg

2) Quantification limit: 0.36 mg/kg

John J. Molloy, P.E.
Laboratory Director

Date Reported: 4/15/88

H2M LABS, INC.
575 BROAD HOLLOW ROAD, MELVILLE, N.Y. 11747 • 516-694-3040
ENVIRONMENTAL and INDUSTRIAL ANALYTICAL SERVICES

Utility Manufacturers
700 Main Street
Westbury, NY 11590

Sample Lab No. 355355
Date Collected: 4/5/88
Date Received: 4/5/88
Type: Misc.
Point: Cesspool Sludge Sample
Collected By: KFS 03

PRIORITY POLLUTANTS ANALYSIS - BASE NEUTRAL EXTRACTABLES

	mg/kg (Dry Wt.)		mg/kg
1,3-Dichlorobenzene	130	N-Nitrosodiphenylamine	ND
1,4-Dichlorobenzene	150	Hexachlorobenzene	ND
Hexachloroethane	ND	4-Bromophenylphenylether	ND
Bis(2-chloroethyl)ether	ND	Phenanthrene	ND
1,2-Dichlorobenzene	240	Anthracene	ND
Bis(2-chloroisopropyl)ether	ND	Di-n-butyl phthalate	ND
N-nitroso-di-n-propyl amine	ND	Fluoranthene	ND
Nitrobenzene	ND	Pyrene	ND
Hexachlorobutadiene	ND	Benzidine 1)	ND
1,2,4-Trichlorobenzene	ND	Butyl benzyl phthalate	ND
Isophorone	ND	Bis(2ethylhexyl)phthalate 3)	ND
Naphthalene	260	Chrysene	ND
Bis(2-chloroethoxy)methane	ND	Benzo(a)anthracene	ND
Hexachlorocyclopentadiene	ND	3,3'-Dichlorobenzidine 2)	ND
Chloronaphthalene	ND	Di-n-octyl phthalate	ND
Acenaphthylene	ND	Benzo(b)fluoranthene	ND
Acenaphthene	ND	Benzo(k)fluoranthene	ND
Dimethyl phthalate	ND	Benzo(a)pyrene	ND
2,6-Dinitrotoluene	ND	Indeno(1,2,3-c,d)pyrene	ND
Fluorene	ND	Dibenzo(a,h)anthracene	ND
4-Chlorophenyl phenyl ether	ND	Benzo(g,h,i)perylene	ND
2,4-Dinitrotoluene	ND	n-nitrosodimethylamine	ND
1,2-Diphenyl hydrazine	ND		
Diethyl phthalate	ND		

ND - Under quantification limit.
Quantification Limit: 10 mg/kg unless otherwise indicated)
1) Quantification limit: 30 mg/kg
2) Quantification limit: 20 mg/kg
3) Analyte found in method blank. Quant. limit raised: 30 mg/kg

Date Reported: 4/18/88

John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.
575 BROAD HOLLOW ROAD, MELVILLE, N.Y. 11747 • 516-694-3040
ENVIRONMENTAL and INDUSTRIAL ANALYTICAL SERVICES

Utility Manufacturers
700 Main Street
Westbury, NY 11590

Sample Lab No. 255355
Date Collected: 4/5/88
Date Received: 4/5/88
Type: Misc.
Point: Cesspool Sludge Sample
Collected By: KFS 03

PRIORITY POLLUTANTS ANALYSIS - ACID EXTRACTABLES

Compound		mg/kg (Dry Wt.)
2-Chlorophenol		ND
2-Nitrophenol		ND
Phenol		ND
2,4-Dimethylphenol		ND
2,4-Dichlorophenol		ND
2,4,6-Trichlorophenol		ND
4-Chloro-3-methylphenol		ND
2,4-Dinitrophenol	1)	ND
2-Methyl-4,6-dinitrophenol	1)	ND
Pentachlorophenol		ND
4-Nitrophenol	1)	ND

ND - Under quantification limit.
Quantification limit: 10 mg/kg (unless otherwise indicated)
1) Quantification limit: 50 mg/kg

Date Reported: 4/18/88

John J. Molloy, P.E.
Laboratory Director

UTILITY MANUFACTURING CO., INC.
700-712 MAIN STREET/WESTBURY, NEW YORK 11590/U.S.A.
(516) 997-6300/334-5600
TELEX: 230199 SWIFT UR (DESIGNATE UMC) CABLE: UMC WESTBURYNY

April 12, 1988

Mr. Joseph Shecter
Nassau County Department of Health
240 Old Country Road
Mineola, N.Y. 11501

Dear Mr. Shecter:

It appears that we may have contamination in our cesspools. On April 4, 1988 your department collected samples and we are presently awaiting the results. In keeping with our history of total cooperation to comply with regulations and protect our environment, we have enlisted the aid of a more professional organization than ourselves to help with instant response to this possible problem.

We have engaged the H_2M Group, 575 Broad Hollow Road, Melville, N.Y. 11747, (516) 756-8000 as our agents and consultants. Mr. Michael Tumulty, P.E. has been assigned as our project manager and his phone extension is 480.

We await your further advice.

Very truly yours,

Audie M. Kranz
President

AMK/df
CC: Mr. Michael Tumulty, P.E. (H_2M Group)

INVESTIGATION SUMMARY	Date Opened	Reason for Investigation	Reinsp. Dates	Location of Complaint
Bureau of Land Resources Mgmt. Nassau County Dept. of Health	APRIL 1988 Received by ☑ Phone 11:30 AM ☐ Mail ☐ Walk-In ☐ Survey	☑ Complaint ☐ Survey ☐ Permit ☐ Other	1. 2. 3.	Address 710 MAIN STREE City or Town WESTBURY Census Tract

Notified of Confidentiality ☐ Yes ☒ No | Investigation ☐ Prev.Closed ☑ New ☐ In Proc. | Date Closed

COMPLAINANT				(owner)
Name ROD KELLER			Name Utility Mfg	WILBUR J. KYANZ Chief Exec.
Address NCDPW	Apt.#		Address 700 MAIN STREET	Apt.#
City or Town	Tel. 535-3185		City or Town WESTBURY	Audie M. KYAN Exec V

NATURE OF COMPLAINT

☐ Oil Spill	☐ Dead Fish, Birds, Ducks	Specify (Where Necessary)
☐ Discoloration	☐ Garbage	POSSIBLE INDUSTRIAL WASTE IN SANITARY CESSPOOL
☐ Odor	☐ Sewage	SAN. SCHANGER WOULD NOT PUMP POOL PRIOR TO SEWER HOOK-UP BECAUSE OF POSSIBLE CHEMICAL CONTAMINATION - (3-30
☐ Jelly Fish	☐ Scum	
☒ Industrial Waste	☐ Other (specify)	HOOKUP WAS NOT MADE. MB Sanitarian

INSPECTION REPORT

Violation	Violation Notice Issued?	Violation	Dye Test Performed?	Results
☐ Yes ☐ No	☐ Yes ☐ No Date	☐ N.C.Pub.Health Law ☐ N.Y.S.Sanitary Code ☐ N.Y.S.DEC.Law	☐ Yes ☐ No	☐ Pos. ☐

Sample Taken	Date Viol.Corrected:	Case Solution:	Referred to:
☐ Yes ☐ No Total Lab.#	Total Complaints Resolved:	☐ Oper.Discont. ☐ New System ☐ System Repaired ☐ No Action	Date

Date	COMMENTS AND ACTION TAKEN	S
4/4/88	Advised DEC by phone of possible chemical contamination. The spill unit indicated they would refer it to the Hazardous Waste Section.	
4/4/88	Visited Facility with V. Nigro BZRM - Advised Management of complaint involving chemical contamination of Leaching pool. Samples taken by V. Nigro at this time of inspection. H Welch Sanitarian II	

Complainant | Approved

NASSAU COUNTY DEPARTMENT OF HEALTH
NASSAU COUNTY PUBLIC HEALTH ORDINANCE - ARTICLE XI
PERMIT COMPLIANCE INSPECTION REPORT
BUREAU OF LAND RESOURCES MANAGEMENT

Michael Saltantis - plant Mgr.

Facility Name: Utility M.F.G. Co. Inc.
Facility I.D.: 000302
Address: 700 Main Street, Westbury NY 11590
Issued 08/01/91
Contact Person: Ruth M. Kranz
Title: Exec. V.P.
Phone: 997-630
Date Permit Expires: 08/01/92
☒ New ☐ Renewal

ITEM	Yes	No	N/A
A. TANK STORAGE 20 Above-Ground Tanks			
1. Leakage & Spill Monitoring Equipment Functioning			✓
2. Means of Calculating Product Delivery & Use		✓	
3. Proper Overfill Protection — 1991 —			
4. Adequate Spill Control & Containment — 1991 —			
5. Roof Over Transfer Operation			✓
6. Proper Testing & Inspections		✓	
7. Proper Labels & Notices Posted		✓	
8. Standard Operating Procedures Posted	✓		
B. BULK & CONTAINER STORAGE			
1. Adequate Spill Control & Containment	✓		
2. Proper Segregation of Incompatible Wastes	✓		
3. Storage of Bulk Chemicals On Pallets & Under Roof	✓		
4. Storage Area Secure	✓		
5. Proper Stack Size & Adequate Aisles	✓		
6. Containers Off Ground, Capped, Not Leaking	✓		
7. Proper Labels & Notices Posted	✓		
8. Standard Operating Procedures Posted	✓		
C. RECORDS AND REPORTS			
1. Records of Chemical Deliveries & Use In Order	✓		
2. Records of Inspections In Order	✓		
3. Records of Leaks & Spills In Order			✓
4. Waste Records In Order — NO HAZARDOUS WASTE GENERATED CURRENTLY			
5. Reports Submitted On Time — NOT YET ISSUED			
D. WASTES - ESTIMATED QUANTITIES ON SITE			
1. Containers — NONE			
2. Tanks — NONE			

DATE	ITEM	COMMENTS
3/30/88 Verbal Warning	A2	Repair product gauges which are in disrepair on A/G tanks
Corrected 1st Visit	A-6	Log Inspections for Tank Storage & Container Storage Area
	A-7	Label Tanks - designate product & Hazardous Material
		EH 704 to be filled out by management.

OVERALL INSPECTION RATING: ☐ Satisfactory ☒ Non-Compliance

Signature of Inspector: H Welch — Date: 3/4/88
Signature of Company Representative: PRES — Date: 3/4/88

EH 870 5/86

GROUP

Holzmacher, McLendon and Murrell, P.C. • Holzmacher, McLendon and Murrell, Inc. • H2M Labs, Inc.
Engineers, Architects, Planners, Scientists

575 Broad Hollow Road, Melville, N.Y. 11747-5076
(516) 756-8000 • (201) 575-5400
FAX: 516-694-4122

January 27, 1989 **FEDERAL EXPRESS**

Ms. Angela Pettinelli
Bureau of Land Resources Management
Nassau County Department of Health
240 Old Country Road
Mineola, New York 11501

Re: Utility Manufacturing Co., Inc.
Westbury, New York

Dear Ms. Pettinelli:

Enclosed please find a summary of analytical data for liquid and sediment samples collected from Utility Manufacturing Co., Inc. in Westbury, New York. The samples were collected from on-site stormwater drywells and septic disposal system (i.e., septic tank and two leaching pools), in accordance with Task 2, Sanitary Leaching Pools and Stormwater Drywell Sampling of the Hydrogeologic Investigation Work Plan submitted to your office.

Sample collection was conducted on November 9, 1988. Split samples were provided to NCDOH. With the exception of liquid samples from drywells for volatile organic analysis, all drywell samples were collected as composite samples. (As sampling protocol does not allow for compositing volatile organic liquid samples, these samples were collected as grab samples from the drywells which would more likely exhibit contamination.) Samples collected from the sanitary disposal system were all collected as grab samples. No liquid sample for volatile organic analysis was obtained from the septic tank due to the high solids level at the time of sampling.

Samples collected were retained for analysis by H2M Labs, Inc. for volatile and semi-volatile organic compounds and metals. Organic analysis was performed using mass spectrometry/gas chromatography. Metals analysis was performed using the EP toxicity extraction procedures and analyzing the extract for metals, arsenic, barium, cadmium, chromium (total), lead, mercury, selenium and silver. Analytical data is summarized in the attached tables. Copies of laboratory reports are also enclosed.

GROUP

Task 2, sampling and analysis, confirmed the presence of elevated levels of volatile and semi-volatile organic contaminants in the facility's on-site sanitary disposal system (septic tank and both leaching pools), and stormwater drywells.

Metals (barium, cadmium, chromium, lead and mercury) were also detected in several of the samples. However, only lead and cadmium were identified at levels above the NYS Groundwater Discharge Standard of 0.02 mg/l and 0.05 mg/l, respectively.

Based on our sampling and analysis, it was confirmed that organic contaminants are present in the sanitary disposal system and stormwater drywells at levels which would warrant remediation.

As proposed in the Hydrogeologic Work Plan, Utility Manufacturing will proceed with source removal actions. Upon securing a licensed contractor, we will provide notice to NCDOH as to the dates of actual remediation.

If you have any questions or comments, please call or write this office.

Very truly yours,

HOLZMACHER, McLENDON & MURRELL, P.C.

Sui Leong

Sui Y. Leong

SYL/cdr
Enclosure
cc: Audie Kranz

H2MGROUP

WORK PLAN

FOR

CONTINUED SITE INVESTIGATION

UTILITY MANUFACTURING CO., INC.

SEPTEMBER 1989

1.0 - BACKGROUND

On April 4, 1988, the Nassau County Department of Health (NCDOH) collected a liquid sample from the septic tank of the underground sanitary disposal system at Utility Manufacturing Co., Inc., Westbury (see Figure 1). Laboratory analysis of these samples indicates the presence of the following contaminants: iron, lead, methylene chloride, cis-1,2-dichloroethene, 1,1-dichloroethane, 1,1,1-trichloroethane, trichloroethene, 1,1,2-trichloroethane, tetrachloroethene, benzene, toluene, ethyl-benzene and xylene.

As a result, the NCDOH has requested that Utility Manufacturing remove the contaminated liquid from the septic tank and that a subsurface investigation be conducted to determine the presence and extent, if any, of soil and groundwater contamination at the site. The proposed scope of work to complete these tasks was presented in a work plan submitted to NCDOH dated June 1988.

The work plan proposed a phased approach to investigating the site. The first phase (Tasks 1, 2 and 3) has been completed

SITE LOCATION MAP

SCALE: 1" = 2000'

with a letter report submitted to NCDOH dated July 17, 1989. This second phase of investigation is in response to NCDOH comments on the letter report dated August 25, 1989.

This phase will include the construction of one monitoring well in the vicinity of the sanitary system's leaching pools and the collection of a background soil sample.

2.0 - MONITORING WELL INSTALLATION

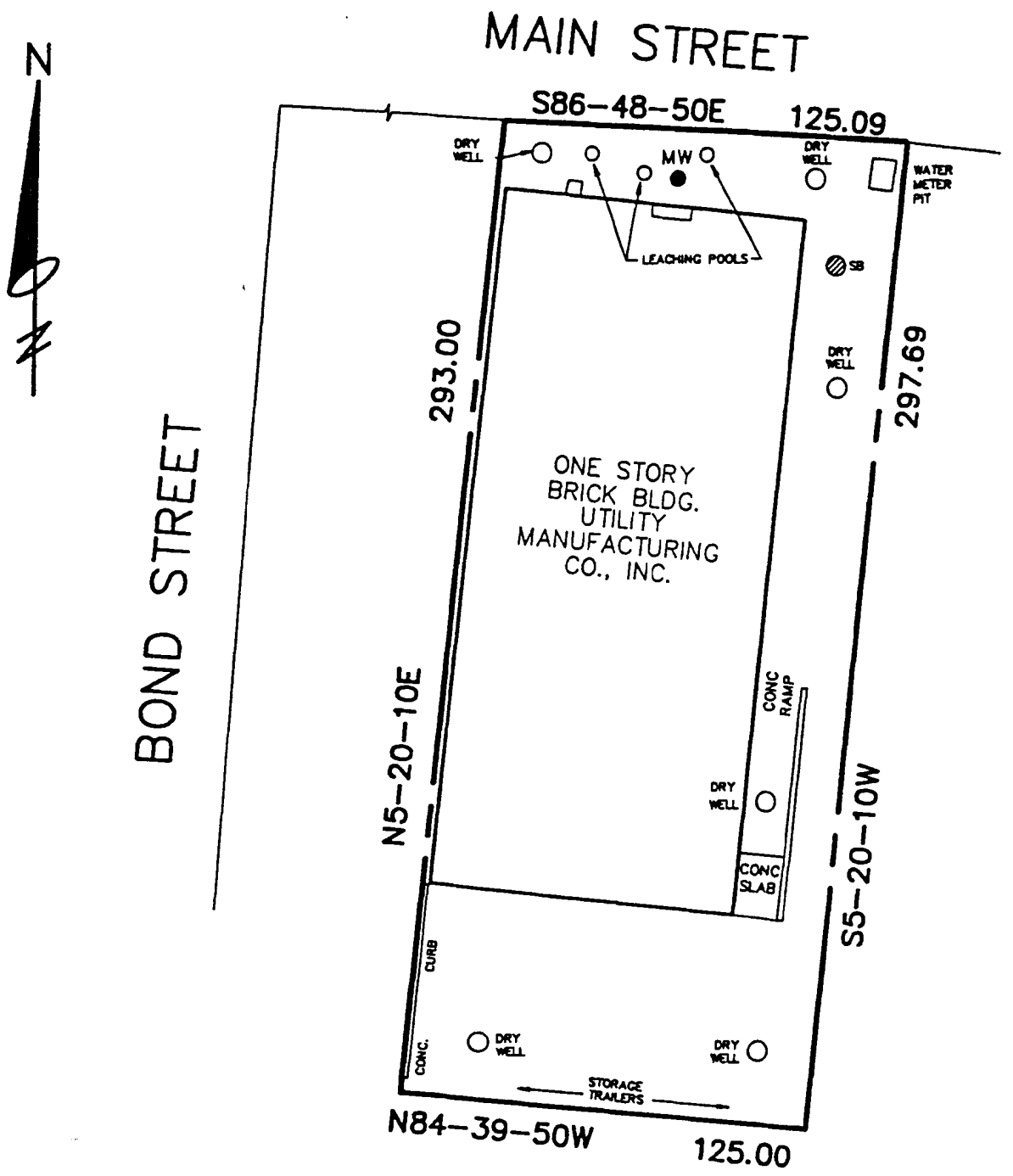
The contractor for drilling and related well installation activities will be a licensed well driller. The driller will be made aware of the nature of the drilling activities on-site and will be experienced in soil/groundwater investigations of this nature.

2.1 - WELL LOCATION AND RATIONALE

One (1) shallow monitoring well will be drilled into the unconsolidated formation at the site. We will attempt to place the well adjacent and between the existing sanitary leaching pools.

The purpose of this well is to provide groundwater and soil quality data and to monitor contamination which may have emanated from the leaching pools.

The proposed location for the well is depicted in Figure 2. Drilling activities will stop if at any time during drilling ambient air readings measured by the HNu photoionization detector exceed the level specified in the Health and Safety Plan.



LEGEND

MW ● PROPOSED MONITORING WELL

SB ⊘ PROPOSED BACKGROUND SOIL BORING

SCALE: 1"=50'

UTMF-8801

H2MGROUP ENGINEERS • ARCHITECTS • PLANNERS • SCIENTISTS • SURVEYORS

MELVILLE, N.Y. RIVERHEAD, N.Y. FAIRFIELD, N.J.

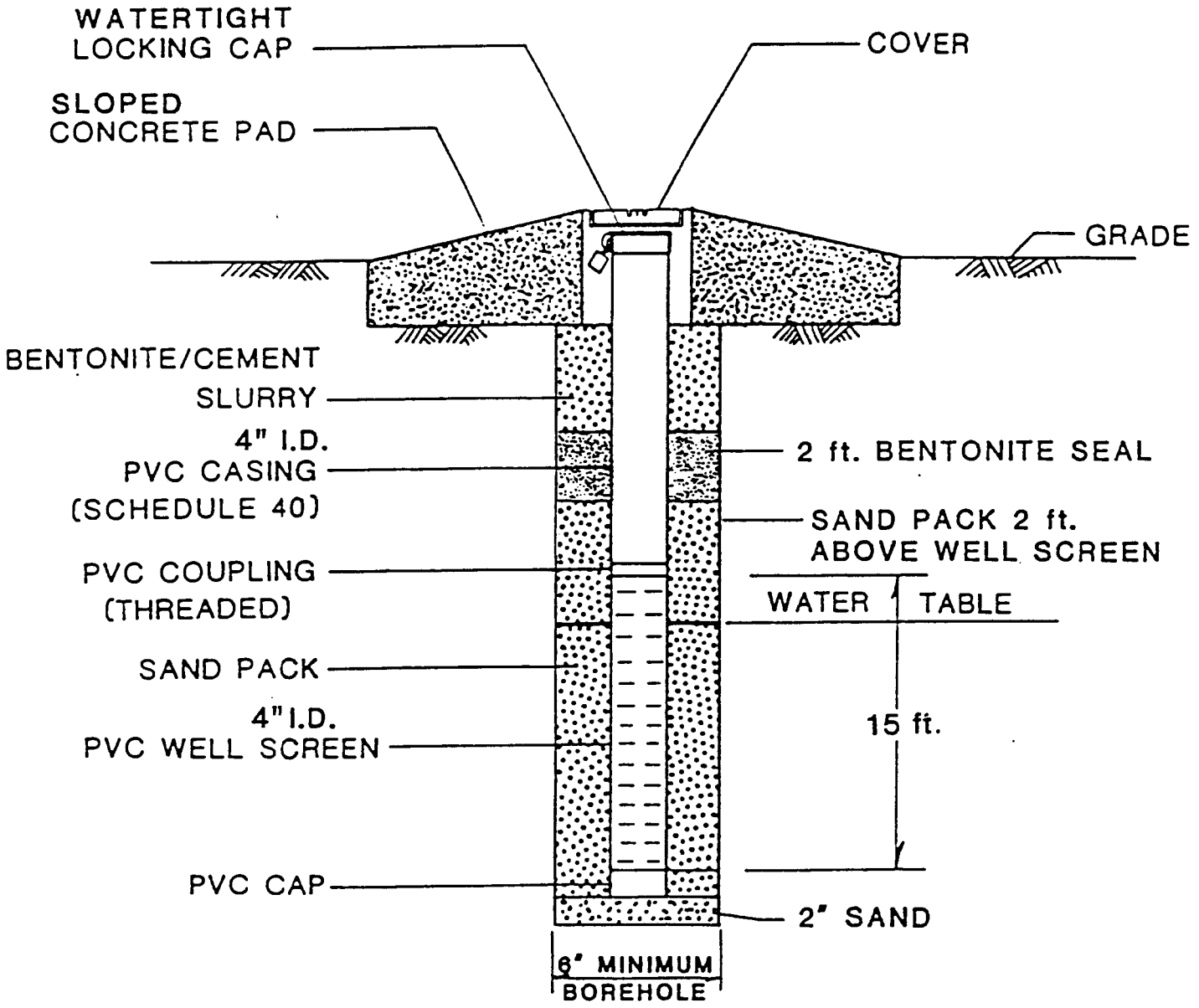
Drill cuttings generated by the driller will be contained. The disposition of the waste will be determined upon the conclusion of the field investigation and based upon laboratory analyses of the soils. Disposal will ultimately be the responsibility of Utility Manufacturing Co., Inc. These materials will be disposed of in accordance with applicable regulations.

2.2 - MONITORING WELL DESIGN

The monitoring well will be installed in conformance with the New York State Department of Environmental Conservation (NYSDEC) specifications for wells in unconsolidated formations. Well construction materials shall consist of 4-inch I.D., Schedule 40, flush joint, threaded riser and 15 feet of No. 10 slot size, 4-inch I.D. PVC well screen. Joint compound will not be used. A schematic cross section of the proposed well is depicted in Figure 3.

The annular space around the well screen will be filled with a No. 2 grade gravel pack.

A bentonite seal consisting of bentonite pellets will be placed to a height of 2 feet above the gravel pack. The remaining annular space will be tremie grouted with a bentonite/cement slurry to a depth of approximately 3 feet below grade. A cement grout will be placed in the borehole to the surface, and a protective steel casing will be installed. The depth to the bottom and top of each seal will be measured in the borehole to the nearest 0.1 foot using a weighted tape.



MONITORING WELL CONSTRUCTION DETAILS

All PVC casing and screen and drilling equipment will be steam cleaned prior to installation. The bottom of the screen will be set approximately 10 feet into the water table.

2.3 - WELL DEVELOPMENT

The well will be developed by pumping until the well yields a clean, sand and silt-free discharge. Specific conductivity measurements will be taken of the discharge to confirm adequate development.

Depth to groundwater measurements will be made before and after well development. Field data will be recorded in a bound field notebook.

3.0 - GROUNDWATER SAMPLING AND ANALYSIS

3.1 - OBJECTIVE

The objective of the sampling and analysis work plan is to develop an investigative approach to collecting the data needed to identify areas of groundwater contamination related to the prior industrial waste storage and disposal practices of Utility Manufacturing Co., Inc.

3.2 - BAILER PREPARATION

Either a dedicated polyethylene disposable bailer or a dedicated stainless steel, laboratory cleaned bailer will be used for this investigation.

All bailers will be cleaned using the following procedure:

1. Non-phosphate detergent and tap water wash.
2. Tap water rinse.
3. Ten (10%) percent nitric acid wash.
4. Distilled/deionized water rinse.
5. Methanol wash.
6. Distilled/deionized water rinse.
7. Total air dry.

All sampling devices will then be wrapped with autoclaved aluminum foil prior to shipment to the field.

3.3 - FIELD INSTRUMENT PREPARATION

Temperature, pH and specific conductivity will be measured immediately after the sample bottles have been filled at each well. The pH probe will first be field calibrated with a No. 7 buffer solution and then with either a No. 10 or No. 4 buffer solution, depending on the anticipated pH of the groundwater sample. The specific conductivity probe will be calibrated with an ionic solution that is closest in conductivity to that anticipated in the groundwater sample. A mercury thermometer will be used to measure temperature and will be tested in the laboratory for accuracy prior to sampling.

3.4 - GROUNDWATER SAMPLING PROCEDURE

Prior to opening the well guard pipe, a 4'x4' plastic sheet will be slit in the center and lowered to the ground around the well.

The well will then be opened, and a depth to water measurement will be taken to the nearest .01 foot. The static well volume will be calculated and multiplied by three to determine the minimum amount of water that must be purged from the well prior to sampling.

A portable, low capacity (10 gallons per minute) submersible pump will be utilized to purge the well of the required volume of water (3 to 5 times the static well volume). The pump will be cleaned prior to introduction into the well with non-phosphate detergent and distilled water.

Following the required purging, a dedicated bailer with dedicated clean cord will be used to collect the samples. The first bailer volume will be discarded, unless there is limited water volume in the well. After all sample bottles are filled, they will be appropriately labeled and put in ice filled coolers for delivery to the laboratory for analysis. Completed chain-of-custody forms will accompany all samples.

A sample of the groundwater will then be placed in a clean glass beaker and field parameters will be measured. Temperature will be measured first as it is subject to the most rapid change. Specific conductivity and pH will then be measured and recorded in a bound field notebook, along with other data involved in sampling the well.

Samples will be delivered to H2M Labs, Inc. where they will be analyzed for priority pollutant volatile organic parameters (USEPA Method 624, non-CLP) and metals (filtered).

3.5 - QA/QC SAMPLES

Trip blank vials will be filled at the laboratory and will accompany the sample bottles from the laboratory to the site and back. The trip blank vials will be analyzed for priority pollutant volatile organics.

Field blank vials will be filled during sampling by adding distilled/deionized water to one of the bailers and then filling the field blank vials from the bailer. These samples will also be analyzed for volatile organics.

4.0 - BACKGROUND SOIL SAMPLE

A sample of background soil conditions will be obtained by augering down to a depth of 5 feet and then sampling an interval from 5 to 7 feet with a decontaminated split spoon sampler. This sample will be obtained from the northern portion of the site, considered to be on the upgradient side based on groundwater flow. As the sanitary leaching pools are near the northwest corner of the property, the location that is preferred is in the vicinity of the northeast corner, midway between two stormwater leaching pools located there.

The soil sample will be analyzed for priority pollutant metals, both total concentration and after E.P. Toxicity procedure extraction, to define background conditions.

5.0 - FINAL REPORT PREPARATION

A site characterization report summarizing the results of all work tasks performed shall be prepared and submitted to Utility Manufacturing Co., Inc. and the NCDOH at the conclusion of this project. This report will detail the results of the investigation and provide recommendations for continued investigations or remediation of contamination, if required.

H2MGROUP

Holzmacher, McLendon and Murrell, P.C. • Holzmacher, McLendon and Murrell, Inc. • H2M Labs, Inc.
Engineers, Architects, Planners, Scientists

575 Broad Hollow Road, Melville, N.Y. 11747-5076
(516) 756-8000 • (201) 575-5400

January 2, 1990

Ms. Angela Pettinelli
Nassau County Department of Health
Bureau of Land Resources Management
240 Old Country Road
Mineola, New York 11501

Re: Utility Manufacturing Co., Inc.
Sanitary and Stormwater Drywell Remediation

Dear Ms. Pettinelli:

The purpose of this letter is to present the analytical results of our post-remedial sampling conducted following remediation of six (6) stormwater and two (2) sanitary leach pools at Utility Manufacturing Co., Inc. in Westbury, New York. As you are aware, pumping and cleaning of the leaching pools were conducted on three separate dates, October 16th, 23rd and November 2nd, 1989.

Of concern was elevated levels of volatile organic compounds found to be present in the facility's stormwater and sanitary leaching systems. Analytical data for sediment and liquid samples collected from six (6) on-site stormwater drywells, a septic tank, and two (2) sanitary leaching pools were presented to NCDOH in a letter report dated January 27, 1989.

Remediation of the leaching systems consisted of pumping, power washing the side walls, and removing the bottom sediments from each drywell until a sandy bottom was reached. All work to pump and clean the drywells was performed by Chemical Pollution Control, Inc.(CPC). The six (6) stormwater drywells were remediated on October 16th and 23rd. Liquid from the stormwater drywells was pumped into a tanker and disposed of at the Bay Park Scavenger Waste Disposal facility. Written permission had been obtained from Nassau County Department of Public Works for disposal of this waste liquid. Approximately 14,000 gallons of wastewater was disposed of at Bay Park. The sediment from the six drywells (approximately 23 cubic yards total) was pumped into a super sucker vacuum truck and repackaged for disposal via CPC. The sediment was manifested for transportation and disposal as a hazardous waste.

Pumping and cleaning of the two (2) sanitary leach pools (identified on the attached figure as S-2 and S-3) was conducted on November 2nd. Approximately 4,350 gallons of liquid and 5 cubic yards of bottom sediment was removed from the two (2) leach pools. Both the sanitary liquid and bottom sediment were manifested as a hazardous waste for transportation and disposal by CPC.

Post remediation samples were collected immediately following pumping of bottom sediments from the respective drywells in order to assess whether the drywells were properly remediated. One sediment sample was obtained from the bottom of each of the six (6) stormwater drywells (DW-1 through DW-6), and the sanitary leaching pool S-3. However, no post remediation sample was obtained from leaching pool S-2 since leach pool S-2 was constructed of leaching rings with a solid concrete bottom.

Each sediment sample was analyzed for volatile organic compounds (VOCs) using mass spectrometry/gas chromatography. VOCs were selected as indicator parameters of concern to be tested in order to asses the adequacy of remediation. In addition, sample S-3 was also analyzed for EP toxicity metals using the extraction procedure. The results of these analyses are presented in Table 1 and 2. For purposes of comparison, sediment analyses before and after remediation are shown.

Our post remediation sample analyses indicated that the remediation successfully reduced the concentration of VOCs in the drywells. VOCs were not detected at the analytical detection limit in four of our post remediation sediment samples (i.e., DW-1, DW-2, DW-4 and LP S-3). Although low levels of tetrachloroethylene and dichlorobenzenes were detected in post cleanup sediment samples collected from DW-3, DW-5 and DW-6, the total concentration of VOCs in each of these three sediment samples have been significantly reduced. In drywell DW-3, the concentration of total VOCs was reduced from an average of 27.0 mg/kg in our original sample analysis to 0.082 mg/kg (99.7% removal). In drywells DW-5 and DW-6, the total VOC concentrations were reduced from an average concentration of 42.7 mg/kg to 0.07 mg/kg (99.8% removal) and 2.12 mg/kg (95% removal), respectively.

H2MGROUP

Copies of lab reports for leaching pool S-3 had been sent to your office on December 27th for your review. As agreed upon, based on the analytical data, Utility Manufacturing was given approval to backfill sanitary leaching pool S-3. Because leach pool S-2 contained a solid concrete bottom, S-2 was also backfilled.

The only remaining system to be pumped and cleaned is the septic tank. Utility Manufacturing was connected to the municipal sewer system the week of November 6th. Therefore, no additional waste is currently being discharged into the septic tank. Pumpout of the septic tank by CPC is tentatively scheduled for January 5th.

Upon the final removal of wastes from the septic tank, we consider the site remediation of the stormwater and sanitary leaching system to be complete.

If you should have any questions or comments regarding this matter, please contact this office.

Very truly yours,

HOLZMACHER, McLENDON & MURRELL, P.C.

Sui Leong

Sui Y. Leong

SYL/cdr

cc: Audie Kranz/Utility Manufacturing

H2MGROUP

TABLE 1

UTILITY MANUFACTURING CO., INC.
DRYWELL SAMPLE ANALYSES (MG/KG)

Parameter	DW 1 & 2 (a)	DW-1 (b)	DW-2 (b)	DW 3 & 4 (a)	DW-3 (b)	DW-4 (b)	DW 5 & 6 (a)	DW-5 (b)	DW-6 (b)
Chloromethane	0.06	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	0.17	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	0.15	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	0.15	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	1.0	ND	ND	17.0	ND	ND	3.3	ND	ND
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
C/T-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	8.9	ND	ND
Chloroform	0.5	ND	ND	ND	ND	ND	2.9	ND	ND
1,1,1-Trichloroethane	0.13	ND	ND	ND	ND	ND	2.7	ND	ND
Trichloroethylene	ND	ND	ND	ND	ND	ND	6.7	ND	ND
1,1,2-Trichloroethane	0.086	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethylene	ND	ND	ND	ND	0.065	ND	ND	0.025	1.7
Toluene	0.25	ND	ND	10.0	ND	ND	3.1	ND	ND
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	0.026	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	7.9	0.013	0.11
1,3-Dichlorobenzene	ND	ND	ND	ND	0.017	ND	2.8	0.020	0.14
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	4.4	0.012	0.17
Total VOC Concentration	2,522	ND	ND	27.0	0.082	ND	42.7	0.07	2.12

ND - Not detected at analytical detection limit
NS - Not sampled
(a) - Before remediation; collected as a composite sediment sample from the two drywells noted. (Samples collected 11/9/88)
(b) - Post remediation sediment samples

1/2/90

H2MGROUP

TABLE 2

UTILITY MANUFACTURING CO., INC.
SANITARY LEACH POOLS SAMPLE ANALYSES (MG/KG)

Parameter	LP S-2 (a)	LP S-2 (b)	LP S-3 (a)	LP S-3 (b)
Chloromethane	ND	NS	ND	ND
Bromomethane	ND	NS	ND	ND
Vinyl Chloride	ND	NS	ND	ND
Chloroethane	ND	NS	ND	ND
Methylene Chloride	11.0	NS	14.0	ND
1,1-Dichloroethane	ND	NS	ND	ND
C/T-1,2-Dichloroethene	76.0	NS	111.0	ND
Chloroform	ND	NS	9.4	ND
1,1,1-Trichloroethane	ND	NS	ND	ND
Trichloroethylene	ND	NS	ND	ND
1,1,2-Trichloroethane	ND	NS	ND	ND
Tetrachloroethylene	ND	NS	ND	ND
Toluene	40.0	NS	63.0	ND
Chlorobenzene	ND	NS	ND	ND
Ethylbenzene	ND	NS	ND	ND
1,2-Dichlorobenzene	130.0	NS	65.0	ND
1,3-Dichlorobenzene	169.0	NS	39.0	ND
1,4-Dichlorobenzene	160.0	NS	40.0	ND
Total VOC Concentration	577.0	NS	340.4	ND
Arsenic			<0.05	<0.053
Barium			<0.20	<0.20
Cadmium			<0.005	<0.005
Chromium			<0.01	0.05
Lead			<0.01	<0.06
Mercury			<0.0002	<0.0002
Selenium			<0.2	<0.074
Silver			<0.01	<0.01

ND - Not detected at analytical detection limit
NS - Not sampled
(a) - Before remediation; collected as a grab sample (11/9/88)
(b) - Post remediation sediment samples

1/2/90

H2M LABS, INC.
Environmental Testing Laboratories
575 Broad Hollow Road, Melville, New York 11747-5076 • (516) 694-3040

Water/Waste Water Laboratory • Hazardous Waste Laboratory • Air Testing Laboratory
Pilot Plant Studies and Other Analytical Services

LABORATORY REPORT

LAB NO. 872346
PROJECT NO. UTMF 8802 LA

CLIENT'S NAME AND ADDRESS

UTILITY MANUFACTURING CO,INC
710-712 MAIN ST.
WESTBURY, N.Y. 872351

TYPE OF SAMPLE - MISCELLANEOUS
COLLECTED BY SYL 03
DATE COLLECTED - 11/ 9/88
DATE RECEIVED - 11/ 9/88

E.P. TOXICITY PROCEDURE
SEDIMENT SAMPLES

LAB NO.	SAMPLE ID INFORMATION	ARSENIC	BARIUM	CADMIUM	CHROM-IUM	LEAD	MERCURY
872346	DRYWELL #1 & 2	<0.50	0.65	31.0 #	<0.01	0.99	<0.20#
872347	DRYWELL #3 & 4	<0.50	0.50	<5.00#	<0.01	<0.10	<0.20#
872348	DRYWELL #5 & 6	<0.50	0.41	<5.00#	<0.01	<0.10	<0.20#
872349	S1-SEPTIC TANK	<0.50	0.40	<5.00#	<0.01	<0.10	<0.20#
872350	S2-LEACHING POOL	<0.50	0.35	5.00#	0.01	<0.10	<0.20#
872351	S3-LEACHING POOL	<0.50	<0.20	<5.00#	<0.01	<0.10	<0.20#

REMARKS - BILLS & REPORTS:SYL

ALL RESULTS IN (MG/L) EXCEPT AS NOTED BY # (UG/L) OR % (PERCENT) AND
T.COLI BACT. & FECAL COLI (MPN/100ML)
COLOR, ODOR, TURBIDITY & PH (UNITS)
APC & FECAL STREP (COUNTS/ML)
SPEC.COND. (UMHOS) SETT.SOLIDS(ML/L)

DATE REPORTED 11/28/88

LABORATORY DIRECTOR

H2M LABS, INC.
Environmental Testing Laboratories
575 Broad Hollow Road, Melville, New York 11747-5076 • (516) 694-3040

Water/Waste Water Laboratory • Hazardous Waste Laboratory • Air Testing Laboratory
Pilot Plant Studies and Other Analytical Services

LABORATORY REPORT

LAB NO. 872346
PROJECT NO. UTMF 8802 LA

CLIENT'S NAME AND ADDRESS	
UTILITY MANUFACTURING CO,INC 710-712 MAIN ST. WESTBURY, N.Y. 872351	TYPE OF SAMPLE - MISCELLANEOUS DATE COLLECTED - 11/ 9/88 E.P. TOXICITY PROCEDURE SEDIMENT SAMPLES

COLLECTED BY SYL 03
DATE RECEIVED - 11/ 9/88

LAB NO.	SAMPLE ID INFORMATION	SELEN-IUM	SILVER
872346	DRYWELL #1 & 2	<0.20	<0.01
872347	DRYWELL #3 & 4	<0.20	<0.01
872348	DRYWELL #5 & 6	<0.20	<0.01
872349	S1-SEPTIC TANK	<0.20	<0.01
872350	S2-LEACHING POOL	<0.20	<0.01
872351	S3-LEACHING POOL	<0.20	<0.01

REMARKS - BILLS & REPORTS:SYL

ALL RESULTS IN (MG/L) EXCEPT AS NOTED BY # (UG/L) OR % (PERCENT) AND
T.COLI BACT. & FECAL COLI (MPN/100ML)
COLOR, ODOR, TURBIDITY & PH (UNITS)
APC & FECAL STREP (COUNTS/ML)
SPEC.COND. (UMHOS) SETT.SOLIDS(ML/L)

DATE REPORTED 11/28/88

LABORATORY DIRECTOR

H2M LABS, INC.
Environmental Testing Laboratories
575 Broad Hollow Road, Melville, New York 11747-5076 • (516) 694-3040

Water/Waste Water Laboratory • Hazardous Waste Laboratory • Air Testing Laboratory
Pilot Plant Studies and Other Analytical Services

LABORATORY REPORT

LAB NO. 872339
PROJECT NO. UTMF 8802 LA

CLIENT'S NAME AND ADDRESS

UTILITY MANUFACTURING CO,INC
710-712 MAIN ST.
WESTBURY, N.Y. 11590

TYPE OF SAMPLE - MISCELLANEOUS
DATE COLLECTED - 11/ 9/88
COLLECTED BY SYL 03
DATE RECEIVED - 11/ 9/88

LIQUID SAMPLES

LAB NO.	SAMPLE ID INFORMATION	ARSENIC	BARIUM	CADMIUM	CHROMIUM	LEAD	MERCURY
872339	FIELD BLANK	<5.00#	<0.20	<5.00#	<0.02	<5.00#	<0.20#
872340	DRYWELL #1 & 2	<5.00#	<0.20	<5.00#	<0.02	5.00#	<0.20#
872341	DRYWELL #3 & 4	<5.00#	<0.20	<5.00#	0.02	250.#	<0.20#
872342	DRYWELL #5 & 6	<5.00#	<0.20	<5.00#	0.04	220.#	<0.20#
872343	S1-SEPTIC TANK	9.00#	1.80	64.0 #	0.32	3.31	0.40#
872344	S2-LEACHING POOL	<5.00#	<0.20	<5.00#	0.02	110.#	0.3
872345	S3-LEACHING POOL	<5.00#	<0.20	<5.00#	0.03	120.#	<0.20#

REMARKS - BILLS & REPORTS:SYL

ALL RESULTS IN (MG/L) EXCEPT AS NOTED BY # (UG/L) OR % (PERCENT) AND
T.COLI BACT. & FECAL COLI (MPN/100ML)
COLOR, ODOR, TURBIDITY & PH (UNITS)
APC & FECAL STREP (COUNTS/ML)
SPEC.COND. (UMHOS) SETT.SOLIDS(ML/L)

DATE REPORTED 12/15/88

LABORATORY DIRECTOR

H2M LABS, INC.
Environmental Testing Laboratories
575 Broad Hollow Road, Melville, New York 11747-5076 • (516) 694-3040

Water/Waste Water Laboratory • Hazardous Waste Laboratory • Air Testing Laboratory
Pilot Plant Studies and Other Analytical Services

LABORATORY REPORT

LAB NO. 872339
PROJECT NO. UTMF 8802 LA

CLIENT'S NAME AND ADDRESS

UTILITY MANUFACTURING CO,INC
710-712 MAIN ST.
WESTBURY, N.Y. 11590

TYPE OF SAMPLE - MISCELLANEOUS
DATE COLLECTED - 11/ 9/88
LIQUID SAMPLES

COLLECTED BY SYL 03
DATE RECEIVED - 11/ 9/88

LAB NO.	SAMPLE ID INFORMATION	SELENIUM	SILVER
872339	FIELD BLANK	<5.00#	<0.02
872340	DRYWELL #1 & 2	<5.00#	<0.02
872341	DRYWELL #3 & 4	<5.00#	<0.02
872342	DRYWELL #5 & 6	<5.00#	<0.02
872343	S1-SEPTIC TANK	<5.00#	<0.02
872344	S2-LEACHING POOL	<5.00#	<0.02
872345	S3-LEACHING POOL	<5.00#	<0.02

REMARKS - BILLS & REPORTS:SYL

ALL RESULTS IN (MG/L) EXCEPT AS NOTED BY # (UG/L) OR % (PERCENT) AND
T.COLI BACT. & FECAL COLI (MPN/100ML)
COLOR, ODOR, TURBIDITY & PH (UNITS)
AFC & FECAL STREP (COUNTS/ML)
SPEC.COND. (UMHOS) SETT.SOLIDS(ML/L)

DATE REPORTED 12/15/88

LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122

ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY

Utility Mfg. Co., Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872320
Date Collected: 11/9/88
Date Received: 11/9/88
Type: Misc.
Point: Drywell #1 & 2
Sediment Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - PURGEABLE ORGANICS

Compound		ug/kg Dry Wt.
Chloromethane	1)	60
Bromomethane	1)	170
Vinyl Chloride	1)	150
Chloroethane	1)	150
Methylene Chloride		1000
Trichlorofluoromethane		ND
1,1-Dichloroethene		ND
1,1-Dichloroethane		ND
cis/trans-1,2-Dichloroethene		ND
Chloroform		50
1,2-Dichloroethane		ND
1,1,1-Trichloroethane		130
Carbon Tetrachloride		ND
Bromodichloromethane		ND
1,2-Dichloropropane		ND
trans-1,3-Dichloropropene		ND
Trichloroethene		ND
Dibromochloromethane		ND
1,1,2-Trichloroethane		86
cis-1,3-Dichloropropene		ND
Benzene		ND
2-Chloroethylvinyl Ether	1)	ND
Bromoform		ND
1,1,2,2-Tetrachloroethane		ND
Tetrachloroethene		ND
Toluene		250
Chlorobenzene		ND
Ethylbenzene		26
1,2-Dichlorobenzene		ND
1,3-Dichlorobenzene		ND
1,4-Dichlorobenzene		ND

Quantification limit: 25 ug/kg

ND - Under quantification limit.

1) Quantification limit: 50 ug/kg

Date Analyzed: 12/19/88
Date Reported: 1/11/89

John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.
575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122
ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY

Utility Mfg. Co., Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872321
Date Collected: 11/9/88
Date Received: 11/9/88
Type: Misc.
Point: Drywell #3 & 4
Sediment Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - PURGEABLE ORGANICS

Compound		ug/kg Dry Wt.
Chloromethane	1)	ND
Bromomethane	1)	ND
Vinyl Chloride	1)	ND
Chloroethane	1)	ND
Methylene Chloride	2)	17000
Trichlorofluoromethane		ND
1,1-Dichloroethene		ND
1,1-Dichloroethane		ND
cis/trans-1,2-Dichloroethene		ND
Chloroform		ND
1,2-Dichloroethane		ND
1,1,1-Trichloroethane		ND
Carbon Tetrachloride		ND
Bromodichloromethane		ND
1,2-Dichloropropane		ND
trans-1,3-Dichloropropene		ND
Trichloroethene		ND
Dibromochloromethane		ND
1,1,2-Trichloroethane		ND
cis-1,3-Dichloropropene		ND
Benzene		ND
2-Chloroethylvinyl Ether	1)	ND
Bromoform		ND
1,1,2,2-Tetrachloroethane		ND
Tetrachloroethene		ND
Toluene		10000
Chlorobenzene		ND
Ethylbenzene		ND
1,2-Dichlorobenzene		ND
1,3-Dichlorobenzene		ND
1,4-Dichlorobenzene		ND

Quantification limit: 860 ug/kg

ND - Under quantification limit.

1) Quantification limit: 1700 ug/kg

2) Analyte present in method blank in the following concentrations:
Methylene chloride: 5 ug/l

Date Analyzed: 12/19/88
Date Reported: 1/11/89

John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122

ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY

Utility Mfg. Co., Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872322
Date Collected: 11/9/88
Date Received: 11/9/88
Type: Misc.
Point: Drywell #5 & 6
Sediment Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - PURGEABLE ORGANICS

Compound		ug/kg Dry Wt.
Chloromethane	1)	ND
Bromomethane	1)	ND
Vinyl Chloride	1)	ND
Chloroethane	1)	ND
Methylene Chloride	2)	3300
Trichlorofluoromethane		ND
1,1-Dichloroethene		ND
1,1-Dichloroethane		ND
cis/trans-1,2-Dichloroethene		8900
Chloroform		2900
1,2-Dichloroethane		ND
1,1,1-Trichloroethane		2700
Carbon Tetrachloride		ND
Bromodichloromethane		ND
1,2-Dichloropropane		ND
trans-1,3-Dichloropropene		ND
Trichloroethene		6700
Dibromochloromethane		ND
1,1,2-Trichloroethane		ND
cis-1,3-Dichloropropene		ND
Benzene		ND
2-Chloroethylvinyl Ether	1)	ND
Bromoform		ND
1,1,2,2-Tetrachloroethane		ND
Tetrachloroethene		ND
Toluene		3100
Chlorobenzene		ND
Ethylbenzene		ND
1,2-Dichlorobenzene		7900
1,3-Dichlorobenzene		2800
1,4-Dichlorobenzene		4400

Quantification limit: 2300 ug/kg

ND - Under quantification limit.

1) Quantification limit: 4600 ug/kg

2) Analyte present in method blank in the following concentrations: Methylene chloride: 5 ug/l

Date Analyzed: 12/19/88
Date Reported: 1/11/89

John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.
575 Broad Hollow Road, Melville, N.Y. 1174
(516) 694-3040 FAX: (516) 694-4122
ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY

Utility Mfg. Co., Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872323
Date Collected: 11/9/88
Date Received: 11/9/88
Type: Misc.
Point: S1-Septic Tank
Sediment Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - PURGEABLE ORGANICS

Compound		ug/kg Dry Wt.
Chloromethane	1)	ND
Bromomethane	1)	ND
Vinyl Chloride	1)	ND
Chloroethane	1)	ND
Methylene Chloride	2)	1600
Trichlorofluoromethane		ND
1,1-Dichloroethene		ND
1,1-Dichloroethane		1000
cis/trans-1,2-Dichloroethene		36000
Chloroform		1200
1,2-Dichloroethane		ND
1,1,1-Trichloroethane		6000
Carbon Tetrachloride		ND
Bromodichloromethane		ND
1,2-Dichloropropane		ND
trans-1,3-Dichloropropene		ND
Trichloroethene		ND
Dibromochloromethane		ND
1,1,2-Trichloroethane		ND
cis-1,3-Dichloropropene		ND
Benzene		ND
2-Chloroethylvinyl Ether	1)	ND
Bromoform		ND
1,1,2,2-Tetrachloroethane		ND
Tetrachloroethene		7000
Toluene		6000
Chlorobenzene		1000
Ethylbenzene		2200
1,2-Dichlorobenzene		51000
1,3-Dichlorobenzene		27000
1,4-Dichlorobenzene		22000

Quantification limit: 1000 ug/kg

ND - Under quantification limit.

1) Quantification limit: 2000 ug/kg

2) Analyte present in method blank in the following concentrations:
Methylene chloride: 5 ug/l

Date Analyzed: 12/19/88
Date Reported: 1/11/89

John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.
575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122
ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY

Utility Mfg. Co., Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872324
Date Collected: 11/9/88
Date Received: 11/9/88
Type: Misc.
Point: S2-Leaching Pool
Sediment Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - PURGEABLE ORGANICS

Compound		ug/kg Dry Wt.
Chloromethane	1)	ND
Bromomethane	1)	ND
Vinyl Chloride	1)	ND
Chloroethane	1)	ND
Methylene Chloride	2)	11000
Trichlorofluoromethane		ND
1,1-Dichloroethene		ND
1,1-Dichloroethane		ND
cis/trans-1,2-Dichloroethene		76000
Chloroform		ND
1,2-Dichloroethane		ND
1,1,1-Trichloroethane		ND
Carbon Tetrachloride		ND
Bromodichloromethane		ND
1,2-Dichloropropane		ND
trans-1,3-Dichloropropene		ND
Trichloroethene		ND
Dibromochloromethane		ND
1,1,2-Trichloroethane		ND
cis-1,3-Dichloropropene		ND
Benzene		ND
2-Chloroethylvinyl Ether	1)	ND
Bromoform		ND
1,1,2,2-Tetrachloroethane		ND
Tetrachloroethene		ND
Toluene		40000
Chlorobenzene		ND
Ethylbenzene		ND
1,2-Dichlorobenzene		130000
1,3-Dichlorobenzene		160000
1,4-Dichlorobenzene		160000

Quantification limit: 10200 ug/kg

ND - Under quantification limit.

1) Quantification limit: 20400 ug/kg

2) Analyte present in method blank in the following concentrations: Methylene chloride: 5 ug/l

Date Analyzed: 12/19/88
Date Reported: 1/11/89

John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.
575 Broad Hollow Road, Melville, N.Y. 1174
(516) 694-3040 FAX: (516) 694-4122
ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY

Utility Mfg. Co., Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872325
Date Collected: 11/9/88
Date Received: 11/9/88
Type: Misc.
Point: S3-Leaching Pool
Sediment Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - PURGEABLE ORGANICS

Compound		ug/kg Dry Wt.
Chloromethane	1)	ND
Bromomethane	1)	ND
Vinyl Chloride	1)	ND
Chloroethane	1)	ND
Methylene Chloride	2)	14000
Trichlorofluoromethane		ND
1,1-Dichloroethene		ND
1,1-Dichloroethane		ND
cis/trans-1,2-Dichloroethene		110000
Chloroform		9400
1,2-Dichloroethane		ND
1,1,1-Trichloroethane		ND
Carbon Tetrachloride		ND
Bromodichloromethane		ND
1,2-Dichloropropane		ND
trans-1,3-Dichloropropene		ND
Trichloroethene		ND
Dibromochloromethane		ND
1,1,2-Trichloroethane		ND
cis-1,3-Dichloropropene		ND
Benzene		ND
2-Chloroethylvinyl Ether	1)	ND
Bromoform		ND
1,1,2,2-Tetrachloroethane		ND
Tetrachloroethene		ND
Toluene		63000
Chlorobenzene		ND
Ethylbenzene		ND
1,2-Dichlorobenzene		65000
1,3-Dichlorobenzene		39000
1,4-Dichlorobenzene		40000

Quantification limit: 7900 ug/kg

ND - Under quantification limit.

1) Quantification limit: 16000 ug/kg

2) Analyte present in method blank in the following concentrations: Methylene chloride: 5 ug/l

Date Analyzed: 12/19/88
Date Reported: 1/11/89

John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122

ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY

Utility Manufacturing Co. Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872313
Date Collected: 11/9/88
Date Received: 11/9/88
Type: Misc.
Point: Field Blank
Liquid Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - PURGEABLE ORGANICS

Compound		ug/l
Chloromethane	1)	28
Bromomethane	1)	140
Vinyl Chloride	1)	130
Chloroethane	1)	100
Methylene Chloride		170
Trichlorofluoromethane		ND
1,1-Dichloroethene		ND
1,1-Dichloroethane		ND
cis/trans-1,2-Dichloroethene		ND
Chloroform		ND
1,2-Dichloroethane		ND
1,1,1-Trichloroethane		ND
Carbon Tetrachloride		ND
Bromodichloromethane		ND
1,2-Dichloropropane		ND
trans-1,3-Dichloropropene		ND
Trichloroethene		ND
Dibromochloromethane		ND
1,1,2-Trichloroethane		ND
cis-1,3-Dichloropropene		ND
Benzene		ND
2-Chloroethylvinyl Ether	1)	ND
Bromoform		ND
1,1,2,2-Tetrachloroethane		ND
Tetrachloroethene		ND
Toluene		ND
Chlorobenzene		ND
Ethylbenzene		ND
1,2-Dichlorobenzene		ND
1,3-Dichlorobenzene		ND
1,4-Dichlorobenzene		ND

Quantification limit: 5 ug/l

ND - Under quantification limit.

1) Quantification limit: 10 ug/l

Date Analyzed: 12/1/88
Date Reported: 12/9/88

John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122

ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY

Utility Manufacturing Co. Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872314
Date Collected: 11/9/88
Date Received: 11/9/88
Type: Misc.
Point: Trip Blank
Liquid Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - PURGEABLE ORGANICS

Compound		ug/l
Chloromethane	1)	12
Bromomethane	1)	70
Vinyl Chloride	1)	56
Chloroethane	1)	48
Methylene Chloride		200
Trichlorofluoromethane		ND
1,1-Dichloroethene		ND
1,1-Dichloroethane		ND
cis/trans-1,2-Dichloroethene		ND
Chloroform		ND
1,2-Dichloroethane		ND
1,1,1-Trichloroethane		ND
Carbon Tetrachloride		ND
Bromodichloromethane		ND
1,2-Dichloropropane		ND
trans-1,3-Dichloropropene		ND
Trichloroethene		ND
Dibromochloromethane		ND
1,1,2-Trichloroethane		ND
cis-1,3-Dichloropropene		ND
Benzene		ND
2-Chloroethylvinyl Ether	1)	ND
Bromoform		ND
1,1,2,2-Tetrachloroethane		ND
Tetrachloroethene		ND
Toluene		ND
Chlorobenzene		ND
Ethylbenzene		ND
1,2-Dichlorobenzene		ND
1,3-Dichlorobenzene		ND
1,4-Dichlorobenzene		ND

Quantification limit: 5 ug/l

ND - Under quantification limit.

1) Quantification limit: 10 ug/l

Date Analyzed: 12/1/88
Date Reported: 12/9/88

John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122

ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY

Utility Manufacturing Co. Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872315
Date Collected: 11/9/88
Date Received: 11/9/88
Type: Misc.
Point: Drywell #2
Liquid Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - PURGEABLE ORGANICS

Compound		ug/l
Chloromethane	1)	ND
Bromomethane	1)	24
Vinyl Chloride	1)	23
Chloroethane	1)	17
Methylene Chloride		120
Trichlorofluoromethane		ND
1,1-Dichloroethene		ND
1,1-Dichloroethane		ND
cis/trans-1,2-Dichloroethene		ND
Chloroform		ND
1,2-Dichloroethane		ND
1,1,1-Trichloroethane		ND
Carbon Tetrachloride		ND
Bromodichloromethane		ND
1,2-Dichloropropane		ND
trans-1,3-Dichloropropene		ND
Trichloroethene		ND
Dibromochloromethane		ND
1,1,2-Trichloroethane		ND
cis-1,3-Dichloropropene		ND
Benzene		ND
2-Chloroethylvinyl Ether	1)	ND
Bromoform		ND
1,1,2,2-Tetrachloroethane		ND
Tetrachloroethene		ND
Toluene		ND
Chlorobenzene		ND
Ethylbenzene		ND
1,2-Dichlorobenzene		ND
1,3-Dichlorobenzene		ND
1,4-Dichlorobenzene		ND

Quantification limit: 5 ug/l

ND - Under quantification limit.

1) Quantification limit: 10 ug/l

Date Analyzed: 12/1/88
Date Reported: 12/9/88

John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122

ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY

Utility Manufacturing Co. Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872316
Date Collected: 11/9/88
Date Received: 11/9/88
Type: Misc.
Point: Drywell #4
Liquid Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - PURGEABLE ORGANICS

Compound		ug/l
Chloromethane	1)	ND
Bromomethane	1)	ND
Vinyl Chloride	1)	10
Chloroethane	1)	ND
Methylene Chloride		190
Trichlorofluoromethane		ND
1,1-Dichloroethene		ND
1,1-Dichloroethane		ND
cis/trans-1,2-Dichloroethene		150
Chloroform		ND
1,2-Dichloroethane		ND
1,1,1-Trichloroethane		ND
Carbon Tetrachloride		ND
Bromodichloromethane		ND
1,2-Dichloropropane		ND
trans-1,3-Dichloropropene		ND
Trichloroethene		ND
Dibromochloromethane		ND
1,1,2-Trichloroethane		ND
cis-1,3-Dichloropropene		ND
Benzene		ND
2-Chloroethylvinyl Ether	1)	ND
Bromoform		ND
1,1,2,2-Tetrachloroethane		ND
Tetrachloroethene		ND
Toluene		ND
Chlorobenzene		ND
Ethylbenzene		ND
1,2-Dichlorobenzene		ND
1,3-Dichlorobenzene		ND
1,4-Dichlorobenzene		ND

Quantification limit: 5 ug/l

ND - Under quantification limit.

1) Quantification limit: 10 ug/l

Date Analyzed: 12/1/88
Date Reported: 12/9/88

John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122

ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY

Utility Manufacturing Co. Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872317
Date Collected: 11/9/88
Date Received: 11/9/88
Type: Misc.
Point: Drywell #5
Liquid Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - PURGEABLE ORGANICS

Compound		ug/l
Chloromethane	1)	ND
Bromomethane	1)	ND
Vinyl Chloride	1)	10
Chloroethane	1)	ND
Methylene Chloride		60
Trichlorofluoromethane		ND
1,1-Dichloroethene		ND
1,1-Dichloroethane		ND
cis/trans-1,2-Dichloroethene		65
Chloroform		ND
1,2-Dichloroethane		ND
1,1,1-Trichloroethane		ND
Carbon Tetrachloride		ND
Bromodichloromethane		ND
1,2-Dichloropropane		ND
trans-1,3-Dichloropropene		ND
Trichloroethene		ND
Dibromochloromethane		ND
1,1,2-Trichloroethane		ND
cis-1,3-Dichloropropene		ND
Benzene		ND
2-Chloroethylvinyl Ether	1)	ND
Bromoform		ND
1,1,2,2-Tetrachloroethane		ND
Tetrachloroethene		ND
Toluene		ND
Chlorobenzene		ND
Ethylbenzene		ND
1,2-Dichlorobenzene		50
1,3-Dichlorobenzene		47
1,4-Dichlorobenzene		71

Quantification limit: 5 ug/l

ND - Under quantification limit.

1) Quantification limit: 10 ug/l

Date Analyzed: 12/1/88
Date Reported: 12/9/88

John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122

ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY

Utility Manufacturing Co. Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872318
Date Collected: 11/9/88
Date Received: 11/9/88
Type: Misc.
Point: S-2 Leaching Pool
Liquid Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - PURGEABLE ORGANICS

Compound		ug/l
Chloromethane	1)	ND
Bromomethane	1)	ND
Vinyl Chloride	1)	ND
Chloroethane	1)	ND
Methylene Chloride		180
Trichlorofluoromethane		ND
1,1-Dichloroethene		ND
1,1-Dichloroethane		120
cis/trans-1,2-Dichloroethene		740
Chloroform		ND
1,2-Dichloroethane		ND
1,1,1-Trichloroethane		ND
Carbon Tetrachloride		ND
Bromodichloromethane		ND
1,2-Dichloropropane		ND
trans-1,3-Dichloropropene		ND
Trichloroethene		ND
Dibromochloromethane		ND
1,1,2-Trichloroethane		ND
cis-1,3-Dichloropropene		ND
Benzene		ND
2-Chloroethylvinyl Ether	1)	ND
Bromoform		ND
1,1,2,2-Tetrachloroethane		ND
Tetrachloroethene		ND
Toluene		110
Chlorobenzene		6
Ethylbenzene		5
1,2-Dichlorobenzene		420
1,3-Dichlorobenzene		180
1,4-Dichlorobenzene		220

Quantification limit: 5 ug/l

ND - Under quantification limit.

1) Quantification limit: 10 ug/l

Date Analyzed: 12/1/88
Date Reported: 12/9/88

John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122

ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY

Utility Manufacturing Co. Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872319
Date Collected: 11/9/88
Date Received: 11/9/88
Type: Misc.
Point: S-3 Leaching Pool
Liquid Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - PURGEABLE ORGANICS

Compound		ug/l
Chloromethane	1)	ND
Bromomethane	1)	ND
Vinyl Chloride	1)	ND
Chloroethane	1)	ND
Methylene Chloride		180*
Trichlorofluoromethane		ND
1,1-Dichloroethene		ND
1,1-Dichloroethane		80
cis/trans-1,2-Dichloroethene		500
Chloroform		8
1,2-Dichloroethane		ND
1,1,1-Trichloroethane		ND
Carbon Tetrachloride		ND
Bromodichloromethane		ND
1,2-Dichloropropane		ND
trans-1,3-Dichloropropene		ND
Trichloroethene		14
Dibromochloromethane		ND
1,1,2-Trichloroethane		ND
cis-1,3-Dichloropropene		ND
Benzene		ND
2-Chloroethylvinyl Ether	1)	ND
Bromoform		ND
1,1,2,2-Tetrachloroethane		ND
Tetrachloroethene		160
Toluene		58
Chlorobenzene		ND
Ethylbenzene		ND
1,2-Dichlorobenzene		290
1,3-Dichlorobenzene		110
1,4-Dichlorobenzene		100

Quantification limit: 5 ug/l

ND - Under quantification limit.

1) Quantification limit: 10 ug/l

* Compound also found in blank

Date Analyzed: 12/2/88
Date Reported: 12/9/88

John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122

ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY

Utility Manf. Co. Inc.
710-712 Main Street
Westbury. NY 11590

Sample Lab No. 872333
Date Collected: 11/9/88
Date Received: 11/9/88
Type: Misc.
Point: Drywell #1 & 2
Sediment Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - BASE NEUTRAL EXTRACTABLES

	ug/kg Dry Wt.		ug/kg Dry Wt.
1,3-Dichlorobenzene	ND	N-Nitrosodiphenylamine	ND
1,4-Dichlorobenzene	ND	Hexachlorobenzene	ND
Hexachloroethane	ND	4-Bromophenylphenylether	ND
Bis(2-chloroethyl)ether	ND	Phenanthrene	ND
1,2-Dichlorobenzene	ND	Anthracene	ND
Bis(2-chloroisopropyl)ether	ND	Di-n-butyl phthalate	10
N-nitroso-di-n-propyl amine	ND	Fluoranthene	320
Nitrobenzene	ND	Pyrene	470
Hexachlorobutadiene	ND	Benzidine 1)	ND
1,2,4-Trichlorobenzene	ND	Butyl benzyl phthalate	1100
Isophorone	ND	Bis(2ethylhexyl)phthalate 3)	7700
Naphthalene	ND	Chrysene	ND
Bis(2-chloroethoxy)methane	ND	Benzo(a)anthracene	ND
Hexachlorocyclopentadiene	ND	3,3'-Dichlorobenzidine 2)	ND
Chloronaphthalene	ND	Di-n-octyl phthalate	ND
Acenaphthylene	ND	Benzo(b)fluoranthene	ND
Acenaphthene	ND	Benzo(k)fluoranthene	ND
Dimethyl phthalate	ND	Benzo(a)pyrene	ND
2,6-Dinitrotoluene	ND	Indeno(1,2,3-c,d)pyrene	ND
Fluorene	ND	Dibenzo(a,h)anthracene	ND
4-Chlorophenyl phenyl ether	ND	Benzo(g,h,i)perylene	ND
2,4-Dinitrotoluene	ND	n-nitrosodimethylamine	ND
1,2-Diphenyl hydrazine	ND		
Diethyl phthalate	ND		

ND - Under quantification limit.
Quantification Limit: 280 ug/kg unless otherwise indicated)
1) Quantification limit: 2200 ug/kg
2) Quantification limit: 560 ug/kg
3) Analyte present in method blank: 28 ug/l

Date Extracted: 11/18/88
Date Analyzed: 12/17/88
Date Reported: 1/3/89

****
*
*
****

John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.
575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122
ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY

Utility Manf. Co. Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872333
Date Collected: 11/9/88
Date Received: 11/9/88
Type: Misc.
Point: Drywell #1 & 2
Sediment Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - ACID EXTRACTABLES

Compound		ug/kg Dry Wt.
2-Chlorophenol		ND
2-Nitrophenol		ND
Phenol		ND
2,4-Dimethylphenol		ND
2,4-Dichlorophenol		ND
2,4,6-Trichlorophenol		ND
4-Chloro-3-methylphenol		ND
2,4-Dinitrophenol	1)	ND
2-Methyl-4,6-dinitrophenol	1)	ND
Pentachlorophenol	1)	ND
4-Nitrophenol	1)	ND

ND - Under quantification limit.
Quantification limit: 280 ug/kg (unless otherwise indicated)
1) Quantification limit: 1400 ug/kg

Date Extracted: 11/18/88
Date Analyzed: 12/17/88
Date Reported: 1/3/89

John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.
575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122
ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY

Utility Manf. Co. Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872334
Date Collected: 11/9/88
Date Received: 11/9/88
Type: Misc.
Point: Drywell #3 & 4
Sediment Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - BASE NEUTRAL EXTRACTABLES

	ug/kg		ug/kg
1,3-Dichlorobenzene	ND	N-Nitrosodiphenylamine	ND
1,4-Dichlorobenzene	1600	Hexachlorobenzene	ND
Hexachloroethane	ND	4-Bromophenylphenylether	ND
Bis(2-chloroethyl)ether	ND	Phenanthrene	12000
1,2-Dichlorobenzene	550	Anthracene	14000
Bis(2-chloroisopropyl)ether	ND	Di-n-butyl phthalate	ND
N-nitroso-di-n-propyl amine	ND	Fluoranthene	2600
Nitrobenzene	ND	Pyrene	980
Hexachlorobutadiene	ND	Benzidine 1)	ND
1,2,4-Trichlorobenzene	ND	Butyl benzyl phthalate	1100
Isophorone	ND	Bis(2ethylhexyl)phthalate 3)	4100
Naphthalene	6600	Chrysene	ND
Bis(2-chloroethoxy)methane	ND	Benzo(a)anthracene	ND
Hexachlorocyclopentadiene	ND	3,3'-Dichlorobenzidine 2)	ND
Chloronaphthalene	ND	Di-n-octyl phthalate	370
Acenaphthylene	740	Benzo(b)fluoranthene	ND
Acenaphthene	870	Benzo(k)fluoranthene	ND
Dimethyl phthalate	ND	Benzo(a)pyrene	ND
2,6-Dinitrotoluene	ND	Indeno(1,2,3-c,d)pyrene	ND
Fluorene	1200	Dibenzo(a,h)anthracene	ND
4-Chlorophenyl phenyl ether	ND	Benzo(g,h,i)perylene	ND
2,4-Dinitrotoluene	ND	n-nitrosodimethylamine	ND
1,2-Diphenyl hydrazine	ND		
Diethyl phthalate	ND		

ND - Under quantification limit.
Quantification Limit: 310 ug/kg unless otherwise indicated)
1) Quantification limit: 2500 ug/kg
2) Quantification limit: 620 ug/kg
3) Analyte present in method blank: 28 ug/l

Date Extracted: 11/18/88
Date Analyzed: 12/17/88
Date Reported: 1/3/89

John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122

ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY

Utility Manf. Co, Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872334
Date Collected: 11/9/88
Date Received: 11/9/88
Type: Misc.
Point: Drywell #3 & 4
Sediment Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - ACID EXTRACTABLES

Compound		ug/kg Dry Wt.
2-Chlorophenol		ND
2-Nitrophenol		ND
Phenol		ND
2,4-Dimethylphenol		ND
2,4-Dichlorophenol		ND
2,4,6-Trichlorophenol		ND
4-Chloro-3-methylphenol		ND
2,4-Dinitrophenol	1)	ND
2-Methyl-4,6-dinitrophenol	1)	ND
Pentachlorophenol	1)	ND
4-Nitrophenol	1)	ND

ND - Under quantification limit.
Quantification limit: 310 ug/kg (unless otherwise indicated)
1) Quantification limit: 1600 ug/kg

Date Extracted: 11/18/88
Date Analyzed: 12/17/88
Date Reported: 1/3/89

John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122

ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY

Utility Manf. Co. Inc.
710-712 Main Street
Westbury, NY 11590

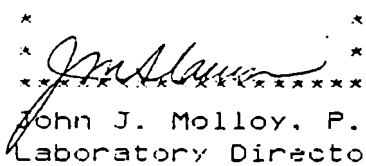
Sample Lab No. 872335
Date Collected: 11/9/88
Date Received: 11/9/88
Type: Misc.
Point: Drywell #5 & 6
Sediment Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - BASE NEUTRAL EXTRACTABLES

	ug/kg		ug/kg
1.3-Dichlorobenzene	290000	N-Nitrosodiphenylamine	ND
1.4-Dichlorobenzene	360000	Hexachlorobenzene	ND
Hexachloroethane	ND	4-Bromophenylphenylether	ND
Bis(2-chloroethyl)ether	ND	Phenanthrene	ND
1.2-Dichlorobenzene	390000	Anthracene	ND
Bis(2-chloroisopropyl)ether	ND	Di-n-butyl phthalate	ND
N-nitroso-di-n-propyl amine	ND	Fluoranthene	ND
Nitrobenzene	ND	Pyrene	ND
Hexachlorobutadiene	ND	Benzidine 1)	ND
1.2.4-Trichlorobenzene	ND	Butyl benzyl phthalate	ND
Isophorone	ND	Bis(2ethylhexyl)phthalate 3)	30000
Naphthalene	84000	Chrysene	ND
Bis(2-chloroethoxy)methane	ND	Benzo(a)anthracene	ND
Hexachlorocyclopentadiene	ND	3.3'-Dichlorobenzidine 2)	ND
Chloronaphthalene	ND	Di-n-octyl phthalate	ND
Acenaphthylene	ND	Benzo(b)fluoranthene	ND
Acenaphthene	ND	Benzo(k)fluoranthene	ND
Dimethyl phthalate	ND	Benzo(a)pyrene	ND
2.6-Dinitrotoluene	ND	Indeno(1.2.3-c.d)pyrene	ND
Fluorene	ND	Dibenzo(a.h)anthracene	ND
4-Chlorophenyl phenyl ether	ND	Benzo(g.h.i)perylene	ND
2.4-Dinitrotoluene	ND	n-nitrosodimethylamine	ND
1.2-Diphenyl hydrazine	ND		
Diethyl phthalate	ND		

ND - Under quantification limit.
Quantification Limit: 7200 ug/kg unless otherwise indicated)
1) Quantification limit: 58000 ug/kg
2) Quantification limit: 14000 ug/kg
3) Analyte present in method blank: 44 ug/l

Date Extracted: 12/6/88
Date Analyzed: 12/17/88
Date Reported: 1/3/89



John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.
575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122
ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY

Utility Manf. Co, Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872335
Date Collected: 11/9/88
Date Received: 11/9/88
Type: Misc.
Point: Drywell #5 & 6
Sediment Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - ACID EXTRACTABLES

Compound		ug/kg Dry Wt.
2-Chlorophenol		ND
2-Nitrophenol		ND
Phenol		ND
2,4-Dimethylphenol		ND
2,4-Dichlorophenol		ND
2,4,6-Trichlorophenol		ND
4-Chloro-3-methylphenol		ND
2,4-Dinitrophenol	1)	ND
2-Methyl-4,6-dinitrophenol	1)	ND
Pentachlorophenol	1)	ND
4-Nitrophenol	1)	ND

ND - Under quantification limit.
Quantification limit: 7200 ug/kg (unless otherwise indicated)
1) Quantification limit: 36000 ug/kg

Date Extracted: 11/6/88
Date Analyzed: 12/17/88
Date Reported: 1/3/89

John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.
575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122
ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY

Utility Manf. Co. Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872336
Date Collected: 11/9/88
Date Received: 11/9/88
Type: Misc.
Point: S1- Septic Tank
Sediment Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - BASE NEUTRAL EXTRACTABLES

	ug/kg		ug/kg
1,3-Dichlorobenzene	6800	N-Nitrosodiphenylamine	ND
1,4-Dichlorobenzene	14000	Hexachlorobenzene	ND
Hexachloroethane	ND	4-Bromophenylphenylether	ND
Bis(2-chloroethyl)ether	ND	Phenanthrene	ND
1,2-Dichlorobenzene	32000	Anthracene	ND
Bis(2-chloroisopropyl)ether	ND	Di-n-butyl phthalate	ND
N-nitroso-di-n-propyl amine	ND	Fluoranthene	ND
Nitrobenzene	ND	Pyrene	ND
Hexachlorobutadiene	ND	Benzidine 1)	ND
1,2,4-Trichlorobenzene	ND	Butyl benzyl phthalate	ND
Isophorone	ND	Bis(2ethylhexyl)phthalate 3)	45000
Naphthalene	34000	Chrysene	ND
Bis(2-chloroethoxy)methane	ND	Benzo(a)anthracene	ND
Hexachlorocyclopentadiene	ND	3,3'-Dichlorobenzidine 2)	ND
Chloronaphthalene	ND	Di-n-octyl phthalate	ND
Acenaphthylene	ND	Benzo(b)fluoranthene	ND
Acenaphthene	ND	Benzo(k)fluoranthene	ND
Dimethyl phthalate	ND	Benzo(a)pyrene	ND
2,6-Dinitrotoluene	ND	Indeno(1,2,3-c,d)pyrene	ND
Fluorene	ND	Dibenzo(a,h)anthracene	ND
4-Chlorophenyl phenyl ether	ND	Benzo(g,h,i)perylene	ND
2,4-Dinitrotoluene	ND	n-nitrosodimethylamine	ND
1,2-Diphenyl hydrazine	ND		
Diethyl phthalate	ND		

ND - Under quantification limit.
Quantification Limit: 4400 ug/kg unless otherwise indicated)
1) Quantification limit: 35000 ug/kg
2) Quantification limit: 8800 ug/kg
3) Analyte present in method blank: 28 ug/l

Date Extracted: 11/18/88
Date Analyzed: 12/17/88
Date Reported: 1/3/89

John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.
575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122
ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY

Utility Manf. Co. Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872336
Date Collected: 11/9/88
Date Received: 11/9/88
Type: Misc.
Point: S1- Septic Tank
Sediment Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - ACID EXTRACTABLES

Compound		ug/kg Dry Wt.
2-Chlorophenol		ND
2-Nitrophenol		ND
Phenol		ND
2,4-Dimethylphenol		ND
2,4-Dichlorophenol		ND
2,4,6-Trichlorophenol		ND
4-Chloro-3-methylphenol		ND
2,4-Dinitrophenol	1)	ND
2-Methyl-4,6-dinitrophenol	1)	ND
Pentachlorophenol	1)	ND
4-Nitrophenol	1)	ND

ND - Under quantification limit.
Quantification limit: 4400 ug/kg (unless otherwise indicated)
1) Quantification limit: 22000 ug/kg

Date Extracted: 11/18/88
Date Analyzed: 12/17/88
Date Reported: 1/3/89

John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122

ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY

Utility Manf. Co, Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872337
Date Collected: 11/9/88
Date Received: 11/9/88
Type: Misc.
Point: S2- Leaching Pool
Sediment Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - BASE NEUTRAL EXTRACTABLES

	ug/kg		ug/kg
1,3-Dichlorobenzene	11000	N-Nitrosodiphenylamine	ND
1,4-Dichlorobenzene	23000	Hexachlorobenzene	ND
Hexachloroethane	ND	4-Bromophenylphenylether	ND
Bis(2-chloroethyl)ether	ND	Phenanthrene	2400
1,2-Dichlorobenzene	14000	Anthracene	2500
Bis(2-chloroisopropyl)ether	ND	Di-n-butyl phthalate	ND
N-nitroso-di-n-propyl amine	ND	Fluoranthene	ND
Nitrobenzene	ND	Pyrene	ND
Hexachlorobutadiene	ND	Benzidine 1)	ND
1,2,4-Trichlorobenzene	16000	Butyl benzyl phthalate	ND
Isophorone	ND	Bis(2ethylhexyl)phthalate 3)	55000
Naphthalene	30000	Chrysene	ND
Bis(2-chloroethoxy)methane	ND	Benzo(a)anthracene	ND
Hexachlorocyclopentadiene	ND	3,3'-Dichlorobenzidine 2)	ND
Chloronaphthalene	ND	Di-n-octyl phthalate	ND
Acenaphthylene	ND	Benzo(b)fluoranthene	ND
Acenaphthene	ND	Benzo(k)fluoranthene	ND
Dimethyl phthalate	ND	Benzo(a)pyrene	ND
2,6-Dinitrotoluene	ND	Indeno(1,2,3-c,d)pyrene	ND
Fluorene	ND	Dibenzo(a,h)anthracene	ND
4-Chlorophenyl phenyl ether	ND	Benzo(g,h,i)perylene	ND
2,4-Dinitrotoluene	ND	n-nitrosodimethylamine	ND
1,2-Diphenyl hydrazine	ND		
Diethyl phthalate	ND		

ND - Under quantification limit.
Quantification Limit: 1100 ug/kg unless otherwise indicated)
1) Quantification limit: 8800 ug/kg
2) Quantification limit: 2200 ug/kg
3) Analyte present in method blank: 28 ug/l

Date Extracted: 11/18/88
Date Analyzed: 12/17/88
Date Reported: 1/3/89

John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122

ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY

Utility Manf. Co. Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872337
Date Collected: 11/9/88
Date Received: 11/9/88
Type: Misc.
Point: S2- Leaching Pool
Sediment Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - ACID EXTRACTABLES

Compound		ug/kg Dry Wt.
2-Chlorophenol		ND
2-Nitrophenol		ND
Phenol		ND
2,4-Dimethylphenol		3300
2,4-Dichlorophenol		ND
2,4,6-Trichlorophenol		ND
4-Chloro-3-methylphenol		ND
2,4-Dinitrophenol	1)	ND
2-Methyl-4,6-dinitrophenol	1)	ND
Pentachlorophenol	1)	ND
4-Nitrophenol	1)	ND

ND - Under quantification limit.
Quantification limit: 1100 ug/kg (unless otherwise indicated)
1) Quantification limit: 5500 ug/kg

Date Extracted: 11/18/88
Date Analyzed: 12/17/88
Date Reported: 1/3/89

****
*
* John J. Molloy, P.E.
****
John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.
575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122
ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY

Utility Manf. Co. Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872338
Date Collected: 11/9/88
Date Received: 11/9/88
Type: Misc.
Point: S3- Leaching Pool
Sediment Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - BASE NEUTRAL EXTRACTABLES

	ug/kg		ug/kg
1,3-Dichlorobenzene	ND	N-Nitrosodiphenylamine	ND
1,4-Dichlorobenzene	35000	Hexachlorobenzene	ND
Hexachloroethane	ND	4-Bromophenylphenylether	ND
Bis(2-chloroethyl)ether	ND	Phenanthrene	ND
1,2-Dichlorobenzene	63000	Anthracene	ND
Bis(2-chloroisopropyl)ether	ND	Di-n-butyl phthalate	ND
N-nitroso-di-n-propyl amine	ND	Fluoranthene	ND
Nitrobenzene	ND	Pyrene	ND
Hexachlorobutadiene	ND	Benzidine 1)	ND
1,2,4-Trichlorobenzene	ND	Butyl benzyl phthalate	ND
Isophorone	ND	Bis(2ethylhexyl)phthalate 3)	120000
Naphthalene	50000	Chrysene	ND
Bis(2-chloroethoxy)methane	ND	Benzo(a)anthracene	ND
Hexachlorocyclopentadiene	ND	3,3'-Dichlorobenzidine 2)	ND
Chloronaphthalene	ND	Di-n-octyl phthalate	ND
Acenaphthylene	ND	Benzo(b)fluoranthene	ND
Acenaphthene	ND	Benzo(k)fluoranthene	ND
Dimethyl phthalate	ND	Benzo(a)pyrene	ND
2,6-Dinitrotoluene	ND	Indeno(1,2,3-c,d)pyrene	ND
Fluorene	ND	Dibenzo(a,h)anthracene	ND
4-Chlorophenyl phenyl ether	ND	Benzo(g,h,i)perylene	ND
2,4-Dinitrotoluene	ND	n-nitrosodimethylamine	ND
1,2-Diphenyl hydrazine	ND		
Diethyl phthalate	ND		

ND - Under quantification limit.
Quantification Limit: 25000 ug/kg unless otherwise indicated)
1) Quantification limit: 200000 ug/kg
2) Quantification limit: 50000 ug/kg
3) Analyte present in method blank: 44 ug/l

Date Extracted: 12/6/88
Date Analyzed: 12/17/88
Date Reported: 1/3/89

John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.
575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122
ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY

Utility Manf. Co. Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872338
Date Collected: 11/9/88
Date Received: 11/9/88
Type: Misc.
Point: S3- Leaching Pool
Sediment Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - ACID EXTRACTABLES

Compound		ug/kg Dry Wt.
2-Chlorophenol		ND
2-Nitrophenol		ND
Phenol		ND
2,4-Dimethylphenol		ND
2.4-Dichlorophenol		ND
2,4,6-Trichlorophenol		ND
4-Chloro-3-methylphenol		ND
2,4-Dinitrophenol	1)	ND
2-Methyl-4,6-dinitrophenol	1)	ND
Pentachlorophenol	1)	ND
4-Nitrophenol	1)	ND

ND - Under quantification limit.
Quantification limit: 25000 ug/kg (unless otherwise indicated)
1) Quantification limit: 125000 ug/kg

Date Extracted: 12/6/88
Date Analyzed: 12/17/88
Date Reported: 1/3/89

John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.
575 BROAD HOLLOW ROAD, MELVILLE, N.Y. 11747 • 516-694-3040
ENVIRONMENTAL and INDUSTRIAL ANALYTICAL SERVICES

Utility Manufacturing Co., Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872326
Date Collected: 11/09/88
Date Received: 11/09/88
Type: Miscellaneous
Point: Field Blank
Liquid Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - BASE NEUTRAL EXTRACTABLES

	ug/l		ug/l
1,3-Dichlorobenzene	ND	N-Nitrosodiphenylamine	ND
1,4-Dichlorobenzene	ND	Hexachlorobenzene	ND
Hexachloroethane	ND	4-Bromophenylphenylether	ND
Bis(2-chloroethyl)ether	ND	Phenanthrene	ND
1,2-Dichlorobenzene	ND	Anthracene	ND
Bis(2-chloroisopropyl)ether	ND	Di-n-butyl phthalate	ND
N-nitroso-di-n-propyl amine	ND	Fluoranthene	ND
Nitrobenzene	ND	Pyrene	ND
Hexachlorobutadiene	ND	Benzidine 1)	ND
1,2,4-Trichlorobenzene	ND	Butyl benzyl phthalate	ND
Isophorone	ND	Bis(2ethylhexyl)phthalate 3)	ND
Naphthalene	ND	Chrysene	ND
Bis(2-chloroethoxy)methane	ND	Benzo(a)anthracene	ND
Hexachlorocyclopentadiene	ND	3,3'-Dichlorobenzidine 2)	ND
Chloronaphthalene	ND	Di-n-octyl phthalate	ND
Acenaphthylene	ND	Benzo(b)fluoranthene	ND
Acenaphthene	ND	Benzo(k)fluoranthene	ND
Dimethyl phthalate	ND	Benzo(a)pyrene	ND
2,6-Dinitrotoluene	ND	Indeno(1,2,3-c,d)pyrene	ND
Fluorene	ND	Dibenzo(a,h)anthracene	ND
4-Chlorophenyl phenyl ether	ND	Benzo(g,h,i)perylene	ND
2,4-Dinitrotoluene	ND	n-nitrosodimethylamine	ND
1,2-Diphenyl hydrazine	ND		
Diethyl phthalate	ND		

ND - Under quantification limit.
Quantification Limit: 10 ug/l (unless otherwise indicated)
1) Quantification limit: 80 ug/l
2) Quantification limit: 20 ug/l
3) Raised quantification limit in presence of an interference: 160 ug/l

Date Extracted: 11/11/88
Date Analyzed: 11/15/88
Date Reported: 11/23/88

John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.
575 BROAD HOLLOW ROAD, MELVILLE, N.Y. 11747 • 516-694-3040
ENVIRONMENTAL and INDUSTRIAL ANALYTICAL SERVICES

Utility Manufactoring Co., Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872326
Date Collected: 11/09/88
Date Received: 11/09/88
Type: Miscellaneous
Point: Field Blank
Liquid Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - ACID EXTRACTABLES

Compound		ug/l
2-Chlorophenol		ND
2-Nitrophenol		ND
Phenol		ND
2,4-Dimethylphenol		ND
2,4-Dichlorophenol		ND
2,4,6-Trichlorophenol		ND
4-Chloro-3-methylphenol		ND
2,4-Dinitrophenol	1)	ND
2-Methyl-4,6-dinitrophenol	1)	ND
Pentachlorophenol		ND
4-Nitrophenol	1)	ND

ND - Under quantification limit.
Quantification limit: 10 ug/l (unless otherwise indicated)
1) Quantification limit: 50 ug/l

Date Extracted: 11/11/88
Date Analyzed: 11/15/88
Date Reported: 11/23/88

****
* - *
****
John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.
575 BROAD HOLLOW ROAD, MELVILLE, N.Y. 11747 • 516-694-3040
ENVIRONMENTAL and INDUSTRIAL ANALYTICAL SERVICES

Utility Manufacturing Co., Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872327
Date Collected: 11/09/88
Date Received: 11/09/88
Type: Miscellaneous
Point: Drywell #1 & 2
Liquid Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - BASE NEUTRAL EXTRACTABLES

	ug/l		ug/l
1,3-Dichlorobenzene	ND	N-Nitrosodiphenylamine	ND
1,4-Dichlorobenzene	ND	Hexachlorobenzene	ND
Hexachloroethane	ND	4-Bromophenylphenylether	ND
Bis(2-chloroethyl)ether	ND	Phenanthrene	ND
1,2-Dichlorobenzene	ND	Anthracene	ND
Bis(2-chloroisopropyl)ether	ND	Di-n-butyl phthalate	ND
N-nitroso-di-n-propyl amine	ND	Fluoranthene	ND
Nitrobenzene	ND	Pyrene	ND
Hexachlorobutadiene	ND	Benzidine 1)	ND
1,2,4-Trichlorobenzene	ND	Butyl benzyl phthalate	ND
Isophorone	ND	Bis(2ethylhexyl)phthalate 3)	ND
Naphthalene	ND	Chrysene	ND
Bis(2-chloroethoxy)methane	ND	Benzo(a)anthracene	ND
Hexachlorocyclopentadiene	ND	3,3'-Dichlorobenzidine 2)	ND
Chloronaphthalene	ND	Di-n-octyl phthalate	ND
Acenaphthylene	ND	Benzo(b)fluoranthene	ND
Acenaphthene	ND	Benzo(k)fluoranthene	ND
Dimethyl phthalate	ND	Benzo(a)pyrene	ND
2,6-Dinitrotoluene	ND	Indeno(1,2,3-c,d)pyrene	ND
Fluorene	ND	Dibenzo(a,h)anthracene	ND
4-Chlorophenyl phenyl ether	ND	Benzo(g,h,i)perylene	ND
2,4-Dinitrotoluene	ND	n-nitrosodimethylamine	ND
1,2-Diphenyl hydrazine	ND		
Diethyl phthalate	ND		

ND - Under quantification limit.
Quantification Limit: 10 ug/l (unless otherwise indicated)
1) Quantification limit: 80 ug/l
2) Quantification limit: 20 ug/l
3) Raised quantification limit in presence of an interference: 50 ug/l

Date Extracted: 11/11/88
Date Analyzed: 11/15/88
Date Reported: 11/23/88

John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.
575 BROAD HOLLOW ROAD, MELVILLE, N.Y. 11747 • 516-694-3040
ENVIRONMENTAL and INDUSTRIAL ANALYTICAL SERVICES

Utility Manufactoring Co., Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872327
Date Collected: 11/09/88
Date Received: 11/09/88
Type: Miscellaneous
Point: Drywell #1 & 2
Liquid Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - ACID EXTRACTABLES

Compound		ug/l
2-Chlorophenol		ND
2-Nitrophenol		ND
Phenol		ND
2,4-Dimethylphenol		ND
2,4-Dichlorophenol		ND
2,4,6-Trichlorophenol		ND
4-Chloro-3-methylphenol		ND
2,4-Dinitrophenol	1)	ND
2-Methyl-4,6-dinitrophenol	1)	ND
Pentachlorophenol		ND
4-Nitrophenol	1)	ND

ND - Under quantification limit.
Quantification limit: 10 ug/l (unless otherwise indicated)
1) Quantification limit: 50 ug/l

Date Extracted: 11/11/88
Date Analyzed: 11/15/88
Date Reported: 11/23/88

****
* *
* *
****
John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.
575 BROAD HOLLOW ROAD, MELVILLE, N.Y. 11747 • 516-694-3040
ENVIRONMENTAL and INDUSTRIAL ANALYTICAL SERVICES

Utility Manufacturing Co., Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872328
Date Collected: 11/09/88
Date Received: 11/09/88
Type: Miscellaneous
Point: Drywell #3 & 4
Liquid Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - BASE NEUTRAL EXTRACTABLES

	ug/l		ug/l
1,3-Dichlorobenzene	ND	N-Nitrosodiphenylamine	ND
1,4-Dichlorobenzene	ND	Hexachlorobenzene	ND
Hexachloroethane	ND	4-Bromophenylphenylether	ND
Bis(2-chloroethyl)ether	ND	Phenanthrene	ND
1,2-Dichlorobenzene	ND	Anthracene	ND
Bis(2-chloroisopropyl)ether	ND	Di-n-butyl phthalate	ND
N-nitroso-di-n-propyl amine	ND	Fluoranthene	ND
Nitrobenzene	ND	Pyrene	ND
Hexachlorobutadiene	ND	Benzidine 1)	ND
1,2,4-Trichlorobenzene	ND	Butyl benzyl phthalate	ND
Isophorone	ND	Bis(2ethylhexyl)phthalate 3)	ND
Naphthalene	ND	Chrysene	ND
Bis(2-chloroethoxy)methane	ND	Benzo(a)anthracene	ND
Hexachlorocyclopentadiene	ND	3,3'-Dichlorobenzidine 2)	ND
Chloronaphthalene	ND	Di-n-octyl phthalate	ND
Acenaphthylene	ND	Benzo(b)fluoranthene	ND
Acenaphthene	ND	Benzo(k)fluoranthene	ND
Dimethyl phthalate	ND	Benzo(a)pyrene	ND
2,6-Dinitrotoluene	ND	Indeno(1,2,3-c,d)pyrene	ND
Fluorene	ND	Dibenzo(a,h)anthracene	ND
4-Chlorophenyl phenyl ether	ND	Benzo(g,h,i)perylene	ND
2,4-Dinitrotoluene	ND	n-nitrosodimethylamine	ND
1,2-Diphenyl hydrazine	ND		
Diethyl phthalate	ND		

ND - Under quantification limit.
Quantification Limit: 10 ug/l (unless otherwise indicated)
1) Quantification limit: 80 ug/l
2) Quantification limit: 20 ug/l
3) Raised quantification limit in presence of an interference: 45 ug/l

Date Extracted: 11/11/88
Date Analyzed: 11/15/88
Date Reported: 11/23/88

John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.
575 BROAD HOLLOW ROAD, MELVILLE, N.Y. 11747 • 516-694-3040
ENVIRONMENTAL and INDUSTRIAL ANALYTICAL SERVICES

Utility Manufactoring Co., Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872328
Date Collected: 11/09/88
Date Received: 11/09/88
Type: Miscellaneous
Point: Drywell #3 & 4
Liquid Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - ACID EXTRACTABLES

Compound		ug/l
2-Chlorophenol		ND
2-Nitrophenol		ND
Phenol		ND
2,4-Dimethylphenol		ND
2,4-Dichlorophenol		ND
2,4,6-Trichlorophenol		ND
4-Chloro-3-methylphenol		ND
2,4-Dinitrophenol	1)	ND
2-Methyl-4,6-dinitrophenol	1)	ND
Pentachlorophenol		ND
4-Nitrophenol	1)	ND

ND - Under quantification limit.
Quantification limit: 10 ug/l (unless otherwise indicated)
1) Quantification limit: 50 ug/l

Date Extracted: 11/11/88
Date Analyzed: 11/15/88
Date Reported: 11/23/88

****
* *
* *
****
John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.
575 BROAD HOLLOW ROAD, MELVILLE, N.Y. 11747 • 516-694-3040
ENVIRONMENTAL and INDUSTRIAL ANALYTICAL SERVICES

Utility Manufacturing Co., Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872329
Date Collected: 11/09/88
Date Received: 11/09/88
Type: Miscellaneous
Point: Drywell #5 & 6
Liquid Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - BASE NEUTRAL EXTRACTABLES

	ug/l		ug/l
1,3-Dichlorobenzene	ND	N-Nitrosodiphenylamine	ND
1,4-Dichlorobenzene	12	Hexachlorobenzene	ND
Hexachloroethane	ND	4-Bromophenylphenylether	ND
Bis(2-chloroethyl)ether	ND	Phenanthrene	ND
1,2-Dichlorobenzene	10	Anthracene	ND
Bis(2-chloroisopropyl)ether	ND	Di-n-butyl phthalate	ND
N-nitroso-di-n-propyl amine	ND	Fluoranthene	ND
Nitrobenzene	ND	Pyrene	ND
Hexachlorobutadiene	ND	Benzidine	1) ND
1,2,4-Trichlorobenzene	ND	Butyl benzyl phthalate	ND
Isophorone	ND	Bis(2ethylhexyl)phthalate	3) ND
Naphthalene	ND	Chrysene	ND
Bis(2-chloroethoxy)methane	ND	Benzo(a)anthracene	ND
Hexachlorocyclopentadiene	ND	3,3'-Dichlorobenzidine	2) ND
Chloronaphthalene	ND	Di-n-octyl phthalate	ND
Acenaphthylene	ND	Benzo(b)fluoranthene	ND
Acenaphthene	ND	Benzo(k)fluoranthene	ND
Dimethyl phthalate	ND	Benzo(a)pyrene	ND
2,6-Dinitrotoluene	ND	Indeno(1,2,3-c,d)pyrene	ND
Fluorene	ND	Dibenzo(a,h)anthracene	ND
4-Chlorophenyl phenyl ether	ND	Benzo(g,h,i)perylene	ND
2,4-Dinitrotoluene	ND	n-nitrosodimethylamine	ND
1,2-Diphenyl hydrazine	ND		
Diethyl phthalate	ND		

ND - Under quantification limit.
Quantification Limit: 10 ug/l (unless otherwise indicated)
1) Quantification limit: 80 ug/l
2) Quantification limit: 20 ug/l
3) Raised quantification limit in presence of an interference: 60 ug/l

Date Extracted: 11/11/88
Date Analyzed: 11/15/88
Date Reported: 11/23/88

John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.
575 BROAD HOLLOW ROAD, MELVILLE, N.Y. 11747 • 516-694-3040
ENVIRONMENTAL and INDUSTRIAL ANALYTICAL SERVICES

Utility Manufactoring Co., Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872329
Date Collected: 11/09/88
Date Received: 11/09/88
Type: Miscellaneous
Point: Drywell #5 & 6
Liquid Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - ACID EXTRACTABLES

Compound		ug/l
2-Chlorophenol		ND
2-Nitrophenol		ND
Phenol		ND
2,4-Dimethylphenol		ND
2,4-Dichlorophenol		ND
2,4,6-Trichlorophenol		ND
4-Chloro-3-methylphenol		ND
2,4-Dinitrophenol	1)	ND
2-Methyl-4,6-dinitrophenol	1)	ND
Pentachlorophenol		ND
4-Nitrophenol	1)	ND

ND - Under quantification limit.
Quantification limit: 10 ug/l (unless otherwise indicated)
1) Quantification limit: 50 ug/l

Date Extracted: 11/11/88
Date Analyzed: 11/15/88
Date Reported: 11/23/88

John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.
575 BROAD HOLLOW ROAD, MELVILLE, N.Y. 11747 • 516-694-3040
ENVIRONMENTAL and INDUSTRIAL ANALYTICAL SERVICES

Utility Manufacturing Co., Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872330
Date Collected: 11/09/88
Date Received: 11/09/88
Type: Miscellaneous
Point: S1 - Septic Tank
Liquid Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - BASE NEUTRAL EXTRACTABLES

	ug/l		ug/l
1,3-Dichlorobenzene	34	N-Nitrosodiphenylamine	ND
1,4-Dichlorobenzene	66	Hexachlorobenzene	ND
Hexachloroethane	ND	4-Bromophenylphenylether	ND
Bis(2-chloroethyl)ether	ND	Phenanthrene	ND
1,2-Dichlorobenzene	180	Anthracene	ND
Bis(2-chloroisopropyl)ether	ND	Di-n-butyl phthalate	15
N-nitroso-di-n-propyl amine	ND	Fluoranthene	ND
Nitrobenzene	ND	Pyrene	ND
Hexachlorobutadiene	ND	Benzidine 1)	ND
1,2,4-Trichlorobenzene	ND	Butyl benzyl phthalate	ND
Isophorone	ND	Bis(2ethylhexyl)phthalate 3)	ND
Naphthalene	ND	Chrysene	ND
Bis(2-chloroethoxy)methane	ND	Benzo(a)anthracene	ND
Hexachlorocyclopentadiene	ND	3,3'-Dichlorobenzidine 2)	ND
Chloronaphthalene	ND	Di-n-octyl phthalate	ND
Acenaphthylene	ND	Benzo(b)fluoranthene	ND
Acenaphthene	ND	Benzo(k)fluoranthene	ND
Dimethyl phthalate	ND	Benzo(a)pyrene	ND
2,6-Dinitrotoluene	ND	Indeno(1,2,3-c,d)pyrene	ND
Fluorene	ND	Dibenzo(a,h)anthracene	ND
4-Chlorophenyl phenyl ether	ND	Benzo(g,h,i)perylene	ND
2,4-Dinitrotoluene	ND	n-nitrosodimethylamine	ND
1,2-Diphenyl hydrazine	ND		
Diethyl phthalate	ND		

ND - Under quantification limit.
Quantification Limit: 10 ug/l (unless otherwise indicated)
1) Quantification limit: 80 ug/l
2) Quantification limit: 20 ug/l
3) Raised quantification limit in presence of an interference: 220 ug/l

Date Extracted: 11/14/88
Date Analyzed: 11/21/88
Date Reported: 11/23/88

John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.
575 BROAD HOLLOW ROAD, MELVILLE, N.Y. 11747 • 516-694-3040
ENVIRONMENTAL and INDUSTRIAL ANALYTICAL SERVICES

Utility Manufactoring Co., Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872330
Date Collected: 11/09/88
Date Received: 11/09/88
Type: Miscellaneous
Point: S1 - Septic Tank
Liquid Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - ACID EXTRACTABLES

Compound		ug/l
2-Chlorophenol		ND
2-Nitrophenol		ND
Phenol		93
2,4-Dimethylphenol		ND
2,4-Dichlorophenol		ND
2,4,6-Trichlorophenol		ND
4-Chloro-3-methylphenol		ND
2,4-Dinitrophenol	1)	ND
2-Methyl-4,6-dinitrophenol	1)	ND
Pentachlorophenol		ND
4-Nitrophenol	1)	ND

ND - Under quantification limit.
Quantification limit: 10 ug/l (unless otherwise indicated)
1) Quantification limit: 50 ug/l

Date Extracted: 11/14/88
Date Analyzed: 11/21/88
Date Reported: 11/23/88

****
* *
* John J. Molloy *
****
John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.
575 BROAD HOLLOW ROAD, MELVILLE, N.Y. 11747 • 516-694-3040
ENVIRONMENTAL and INDUSTRIAL ANALYTICAL SERVICES

Utility Manufacturing Co., Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872331
Date Collected: 11/09/88
Date Received: 11/09/88
Type: Miscellaneous
Point: S2 - Leaching Pool
Liquid Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - BASE NEUTRAL EXTRACTABLES

	ug/l		ug/l
1,3-Dichlorobenzene	81	N-Nitrosodiphenylamine	ND
1,4-Dichlorobenzene	100	Hexachlorobenzene	ND
Hexachloroethane	ND	4-Bromophenylphenylether	ND
Bis(2-chloroethyl)ether	ND	Phenanthrene	ND
1,2-Dichlorobenzene	150	Anthracene	ND
Bis(2-chloroisopropyl)ether	ND	Di-n-butyl phthalate	23
N-nitroso-di-n-propyl amine	ND	Fluoranthene	ND
Nitrobenzene	ND	Pyrene	ND
Hexachlorobutadiene	ND	Benzidine 1)	ND
1,2,4-Trichlorobenzene	ND	Butyl benzyl phthalate	ND
Isophorone	ND	Bis(2ethylhexyl)phthalate 3)	ND
Naphthalene	ND	Chrysene	ND
Bis(2-chloroethoxy)methane	ND	Benzo(a)anthracene	ND
Hexachlorocyclopentadiene	ND	3,3'-Dichlorobenzidine 2)	ND
Chloronaphthalene	ND	Di-n-octyl phthalate	ND
Acenaphthylene	ND	Benzo(b)fluoranthene	ND
Acenaphthene	ND	Benzo(k)fluoranthene	ND
Dimethyl phthalate	ND	Benzo(a)pyrene	ND
2,6-Dinitrotoluene	ND	Indeno(1,2,3-c,d)pyrene	ND
Fluorene	ND	Dibenzo(a,h)anthracene	ND
4-Chlorophenyl phenyl ether	ND	Benzo(g,h,i)perylene	ND
2,4-Dinitrotoluene	ND	n-nitrosodimethylamine	ND
1,2-Diphenyl hydrazine	ND		
Diethyl phthalate	ND		

ND - Under quantification limit.
Quantification Limit: 10 ug/l (unless otherwise indicated)
1) Quantification limit: 80 ug/l
2) Quantification limit: 20 ug/l
3) Raised quantification limit in presence of an interference: 90 ug/l

Date Extracted: 11/11/88
Date Analyzed: 11/15/88
Date Reported: 11/23/88

****
*
*
****

John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.
575 BROAD HOLLOW ROAD, MELVILLE, N.Y. 11747 • 516-694-3040
ENVIRONMENTAL and INDUSTRIAL ANALYTICAL SERVICES

Utility Manufactoring Co., Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872331
Date Collected: 11/09/88
Date Received: 11/09/88
Type: Miscellaneous
Point: S2 - Leaching Pool
Liquid Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - ACID EXTRACTABLES

Compound		ug/l
2-Chlorophenol		ND
2-Nitrophenol		ND
Phenol		32
2,4-Dimethylphenol		ND
2,4-Dichlorophenol		ND
2,4,6-Trichlorophenol		ND
4-Chloro-3-methylphenol		ND
2,4-Dinitrophenol	1)	ND
2-Methyl-4,6-dinitrophenol	1)	ND
Pentachlorophenol		ND
4-Nitrophenol	1)	ND

ND - Under quantification limit.
Quantification limit: 10 ug/l (unless otherwise indicated)
1) Quantification limit: 50 ug/l

Date Extracted: 11/11/88
Date Analyzed: 11/15/88
Date Reported: 11/23/88

****
* *
* *
****
John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.
575 BROAD HOLLOW ROAD, MELVILLE, N.Y. 11747 • 516-694-3040
ENVIRONMENTAL and INDUSTRIAL ANALYTICAL SERVICES

Utility Manufacturing Co., Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872332
Date Collected: 11/09/88
Date Received: 11/09/88
Type: Miscellaneous
Point: S3 - Leaching Pool
Liquid Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - BASE NEUTRAL EXTRACTABLES

	ug/l		ug/l
1,3-Dichlorobenzene	36	N-Nitrosodiphenylamine	ND
1,4-Dichlorobenzene	39	Hexachlorobenzene	ND
Hexachloroethane	ND	4-Bromophenylphenylether	ND
Bis(2-chloroethyl)ether	ND	Phenanthrene	ND
1,2-Dichlorobenzene	120	Anthracene	ND
Bis(2-chloroisopropyl)ether	ND	Di-n-butyl phthalate	18
N-nitroso-di-n-propyl amine	ND	Fluoranthene	ND
Nitrobenzene	ND	Pyrene	ND
Hexachlorobutadiene	ND	Benzidine 1)	ND
1,2,4-Trichlorobenzene	ND	Butyl benzyl phthalate	ND
Isophorone	ND	Bis(2ethylhexyl)phthalate 3)	ND
Naphthalene	ND	Chrysene	ND
Bis(2-chloroethoxy)methane	ND	Benzo(a)anthracene	ND
Hexachlorocyclopentadiene	ND	3,3'-Dichlorobenzidine 2)	ND
Chloronaphthalene	ND	Di-n-octyl phthalate	ND
Acenaphthylene	ND	Benzo(b)fluoranthene	ND
Acenaphthene	ND	Benzo(k)fluoranthene	ND
Dimethyl phthalate	ND	Benzo(a)pyrene	ND
2,6-Dinitrotoluene	ND	Indeno(1,2,3-c,d)pyrene	ND
Fluorene	ND	Dibenzo(a,h)anthracene	ND
4-Chlorophenyl phenyl ether	ND	Benzo(g,h,i)perylene	ND
2,4-Dinitrotoluene	ND	n-nitrosodimethylamine	ND
1,2-Diphenyl hydrazine	ND		
Diethyl phthalate	ND		

ND - Under quantification limit.
Quantification Limit: 10 ug/l (unless otherwise indicated)
1) Quantification limit: 80 ug/l
2) Quantification limit: 20 ug/l
3) Raised quantification limit in presence of an interference: 80 ug/l

Date Extracted: 11/11/88
Date Analyzed: 11/21/88
Date Reported: 11/23/88

John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.
575 BROAD HOLLOW ROAD, MELVILLE, N.Y. 11747 • 516-694-3040
ENVIRONMENTAL and INDUSTRIAL ANALYTICAL SERVICES

Utility Manufactoring Co., Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872332
Date Collected: 11/09/88
Date Received: 11/09/88
Type: Miscellaneous
Point: S3 - Leaching Pool
Liquid Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - ACID EXTRACTABLES

Compound		ug/l
2-Chlorophenol		ND
2-Nitrophenol		ND
Phenol		42
2,4-Dimethylphenol		ND
2,4-Dichlorophenol		ND
2,4,6-Trichlorophenol		ND
4-Chloro-3-methylphenol		ND
2,4-Dinitrophenol	1)	ND
2-Methyl-4,6-dinitrophenol	1)	ND
Pentachlorophenol		ND
4-Nitrophenol	1)	ND

ND - Under quantification limit.
Quantification limit: 10 ug/l (unless otherwise indicated)
1) Quantification limit: 50 ug/l

Date Extracted: 11/11/88
Date Analyzed: 11/21/88
Date Reported: 11/23/88

****
* *
* *
****
John J. Molloy, P.E.
Laboratory Director

H2MGROUP

Holzmacher, McLendon and Murrell, P.C. • Holzmacher, McLendon and Murrell, Inc. • H2M Labs, Inc.
Engineers, Architects, Planners, Scientists

575 Broad Hollow Road, Melville, N.Y. 11747-5076
(516) 756-8000 • (201) 575-5400

July 17, 1989

Ms. Angela B. Pettinelli
Bureau of Land Resources Management
Nassau County Department of Health
240 Old Country Road
Mineola, New York 11501

Re: Utility Manufacturing Co., Inc.
Westbury, New York

Dear Ms. Pettinelli:

Enclosed please find a summary of analytical data for soil boring investigations conducted at Utility Manufacturing Co., Inc., in Westbury, New York. The subsurface soil samples were collected from three borings drilled in the vicinity of the sanitary disposal system (septic tank and two leaching pools), in accordance with Task 3, Soil Boring Sampling, of the Hydrogeologic Investigation Work Plan submitted to your office. The purpose of these soil borings was to assess the vertical profile of contaminants emanating from the sanitary disposal system.

Sample collection was conducted on April 17 and 18, 1989. A Nassau County Department of Health (NCDOH) representative observed the field sampling operations and collected split samples. The three borings (B1, B2 and B3) were drilled down to the water table, at a depth of 55 feet below grade. Split spoon soil samples at the three boring locations were collected at five-foot intervals for field screening and classification; however, only those samples collected at ten-foot intervals were submitted for laboratory analysis.

Samples retained for analysis by H2M Labs, Inc., were analyzed for priority pollutant volatiles, base neutrals, acid extractables and priority pollutant metals. The analytical data are summarized in the attached tables. Copies of the laboratory reports are also enclosed.

H2MGROUP

Analytical Data

Task 3, Subsurface Soil Sampling (Soil Borings) and Analysis, confirmed the presence of elevated levels of priority pollutant metals and priority pollutant organic contaminants in all three borings. Base neutral and acid extractable compounds were not detected in these samples.

Metals detected in the subsurface soil samples include cadmium, chromium, copper, lead, mercury, silver and zinc. Metal concentrations may be compared with literature values for concentrations normally found in native soils of the earth's crust. The above listed metals were detected at concentrations higher than the "normal" values in at least one of the soil boring samples. However, the metal concentrations identified in these samples were all within an order of magnitude above the "norm", and do not indicate the presence of gross metals contamination. No background sample was obtained for comparison.

Low level volatile organic compounds were detected in all of the soil samples obtained from the three borings. Contaminants of concern include methylene chloride, trichloroethylene, 1,1,1-trichloroethane, tetrachloroethylene, 1,1-dichloroethane, cis/trans-1,2-dichloroethene and dichlorobenzenes. Although volatile organic compounds were detected in the samples at relatively low concentrations, volatile organic contaminants were identified in the three soil samples obtained from the saturated zone (B1, B2 and B3 at a depth of 55 to 57 feet).

If you have any questions or comments, please feel free to contact this office.

Very truly yours,

HOLZMACHER, McLENDON & MURRELL, P.C.

Michael V. Tumulty, P.E.

MVT:mad
Enclosures

cc: Audie Kranz, Utility Manufacturing Co.

THOMAS S. GULOTTA
COUNTY EXECUTIVE

JOHN J. DOWLING, M.D., M.P.H.
COMMISSIONER

STANLEY JUCZAK, P.E., M.C.E.
DIRECTOR
CENTER FOR ENVIRONMENTAL PROTECTION

NASSAU COUNTY
DEPARTMENT OF HEALTH
240 OLD COUNTRY ROAD, MINEOLA, N.Y. 11501-4250

August 25, 1989

H2M Group
575 Broad Hollow Road
Melville, NY 11747-5076

Attn:Mr. Michael V. Tumulty, P.E.

Re:Utility Manufacturing Co., Inc.
Westbury, NY

Dear Mr. Tumulty:

This is in response to your summary of analytical data for soil boring investigations conducted at the above referenced facility on April 17, 1989.

Upon review of the data presented this Department has the following comments:

1. Collect a background sample and analyze for contaminants that were found.

2. Install a groundwater monitoring well in proximity to where the soil borings were dug to establish if there is groundwater contamination.

3. The septic tank and leaching pools must be cleaned out. To date, H2M has failed to accomplish this task.

Please review and respond to the above listed comments in report form. by September 11, 1989. Should you have any questions please contact me at 535-3838.

Very truly yours,

Angela B. Pettinelli
Public Health Engineer
Bureau of Land Resources Management

ABP:sb
cc:Audie Kranz - Utility Mfg. Co.
Ted Sanford, NYSDEC

Also, enclosed are additional copies of laboratory reports for liquids and sediment samples collected from Utility Manufacturing's stormwater drywells and sanitary disposal system (i.e., septic tank and two leaching pools). Utility Manufacturing is under a tight schedule with the Nassau County Department of Health to pump and clean their on-site stormwater and sanitary disposal systems. We would appreciate that CPC expedite the contract so that we may schedule the cleanup to begin as soon as possible.

If you should have any questions, please call or write this office.

Very truly yours,

HOLZMACHER, McLENDON & MURRELL, P.C.

Sui Leong

Sui Y. Leong

SYL/cdr
Encl.

cc: Audie Kranz

GROUP

Holzmacher, McLendon and Murrell, P.C. • Holzmacher, McLendon and Murrell, Inc. • H2M Labs, Inc.
Engineers, Architects, Scientists, Planners, Surveyors

575 Broad Hollow Road, Melville, N.Y. 11747-5076
(516) 756-8000 • (201) 575-5400
FAX: 516-694-4122

September 5, 1989

Mr. Thomas McGlennon
Chemical Pollution Control, Inc.
120 South Fourth Street
Bay Shore, New York 11706

Re: Utility Manufacturing Co., Inc.
Westbury, New York

Dear Mr. McGlennon:

Our client, Utility Manufacturing Co., Inc. has selected Chemical Pollution Control, Inc. to perform the pumping and cleaning of their on-site stormwater drywells and sanitary disposal system. The work is outlined in the cost proposal submitted by CPC to H2M dated February 28, 1989. As per our telephone conversation of September 1st, it is understood that the labor and disposal prices quoted in CPC's original proposal are still valid.

The purpose of this letter, therefore, is to initiate contracting procedures between your firm and Utility Manufacturing Co., Inc. CPC's original proposal (dated February 28, 1989) should be revised as follows:

1) The contractual agreement should be between CPC and Utility Manufacturing Co., Inc. (Mr. Audie Kranz, President, 700-712 Main Street, Westbury, New York 11590).

2) H2M has requested and has received permission from Nassau County Department of Public Works (NCDPW) to dispose of the standing liquid from Utility Manufacturing's six (6) on-site stormwater drywells to the Bay Park Scavenger Waste Treatment Plant. (A copy of NCDPW's letter regarding the above is enclosed for your files.) Please revise CPC's cost estimate accordingly. Also, please provide a copy of the Nassau County hauler's permit as required by NCDPW for transportation and disposal.

H2MGROUP

Holzmacher, McLendon and Murrell, P.C. • Holzmacher, McLendon and Murrell, Inc. • H2M Labs, Inc.
Engineers, Architects, Planners, Scientists

575 Broad Hollow Road, Melville, N.Y. 11747-5076
(516) 756-8000 • (201) 575-5400

September 18, 1989

FEDERAL EXPRESS

Ms. Angela B. Pettinelli
Bureau of Land Resources Management
Nassau County Department of Health
240 Old Country Road
Mineola, New York 11501-4250

Re: Utility Manufacturing Co., Inc.
Westbury, New York

Dear Ms. Pettinelli:

Enclosed please find a copy of our proposed work plan for continued site investigations at the Utility Manufacturing facility. This work plan is submitted pursuant to your letter of August 25, 1989 and our subsequent meeting at your office on September 8, 1989.

The work plan addresses the first two items of your letter; collection of a background soil sample and installation of a monitoring well. The third item, arranging for the cleaning out of the septic tank and leaching pools, is currently being addressed by Utility Manufacturing personnel. They are currently scheduling a contractor to come on-site to clean out the sanitary system and storm water dry wells. We will notify you of the schedule when it is finalized.

Upon your approval of the enclosed work plan, we will schedule a drilling company to start work and initiate field activities.

Please call with any questions or comments.

Very truly yours,

HOLZMACHER, McLENDON & MURRELL, P.C.

Michael V. Tumulty, P.E.

MVT/lc

cc: Audie Kranz, Utility Manufacturing

WORK PLAN

FOR

CONTINUED SITE INVESTIGATION

UTILITY MANUFACTURING CO., INC.

SEPTEMBER 1989

H2MGROUP

HOLZMACHER, McLENDON & MURRELL, P.C.

CONSULTING ENGINEERS ··ARCHITECTS ··PLANNERS ··SCIENTISTS ··SURVEYORS

MELVILLE, N.Y. RIVERHEAD, N.Y. FAIRFIELD, N.J.

Mark Dave Marlena
Howie Joe
File

THOMAS S. GULOTTA
COUNTY EXECUTIVE

JOHN J. DOWLING, M.D., M.P.H.
COMMISSIONER

STANLEY JUCZAK, P.E., M.C.E.
DIRECTOR
CENTER FOR ENVIRONMENTAL PROTECTION

NASSAU COUNTY
DEPARTMENT OF HEALTH
240 OLD COUNTRY ROAD, MINEOLA, N.Y. 11501-4250

February 6, 1990

H2M Group
575 Broad Hollow Road
Melville, NY 11747-5076

Attn:Ms. Sui Y. Leong

Re: Utility Manufacturing Co., Inc.
Westbury, NY

Dear Ms. Leong:

The purpose of this letter is to discuss the analytical results of the post-remedial sampling conducted following remediation of six stormwater and two sanitary leaching pools at Utiltiy Manufacturing Co.

This Department is pleased to see that the levels of contaminants have been greatly reduced. However, levels found in Drywell #6 are still of concern and must be resampled. Should the levels indicate a significant reduction then we shall consider the site remediation of the stormwater and sanitary system to be complete.

This should not be misinterpreted to mean that no futher action is required at this site. The extent of groundwater contamination must yet to be defined and remediated.

Please contact this office by February 23, 1990 to arrange for the sampling of Drywell #6.

Should you have any questions please contact me at 535-3826.

Very truly yours,

Angela B. Pettinelli
Public Health Engineer
Bureau of Land Resources Management

ABP:sb
cc:Michael V. Tumulty, P.E.
Holzmacher, McLendon-Murrell
Andie Kranz, Exec. VP
Utility Manufacturing Co., Inc.
Ted Sanford, P.E.
NYSDEC, Stony Brook

H2MGROUP

Holzmacher, McLendon and Murrell, P.C. • Holzmacher, McLendon and Murrell, Inc. • H2M Labs, Inc.
Engineers, Architects, Planners, Scientists

575 Broad Hollow Road, Melville, N.Y. 11747-5076
(516) 756-8000 • (201) 575-5400

FEB 15 PM 11:58

February 12, 1990

Mr. Audie Kranz
Utility Manufacturing Co., Inc.
700 Main Street
Westbury, New York 11590

Re: Review of Contractor Invoices

Dear Mr. Kranz:

In response to your letter of January 17, 1990, we have reviewed the invoices from Chemical Pollution Control, Inc. and offer the following comments:

Item 1:

H2M was initially given an EPA identification number (NYD000708198) from you indicating that this number was used by Utility Manufacturing for off-site disposal of waste cleaning solvents. However, one working day before commencing drywell remediation, CPC informed H2M that the EPA did not have on record an EPA identification number for your firm. After confirming this with EPA, it was determined that the number you provided to us was in fact that of Safety Kleen.

H2M immediately proceeded with completing the necessary forms for obtaining the EPA identification number and made arrangements to hand deliver the forms to the EPA permitting office in NYC on the same day. However, speaking with members of your staff in your absence, no one was willing to sign the paperwork as a designated agent of the company (either an officer, a designated agent, or a plant manager) even after we explained the urgency of the matter. Because the paperwork was not signed, H2M waited till Monday morning (10/16/89), the day of the remediation for your signature and made arrangements to have the paperwork delivered to the EPA office by messenger service. As you are well aware of the confusion that took place at the EPA's office that afternoon, the matter at that point was out of our control.

We therefore contend that as soon as the problem regarding the EPA identification number was recognized, H2M made every attempt to get the forms processed. If the forms had been signed by one of your staff on that Friday (10/13/89), we could have had the EPA identification number issued prior to

commencing work on Monday. Therefore, H2M will not be held accountable for the cost incurred for the overtime on the equipment rental while waiting for an EPA I.D. number to be issued.

Item 2:

Unloading of waste at the job site is typically not recommended particularly for drywell wastes because of the high volume of liquid pumped up by the supersucker vacuum truck. It is very difficult to unload the waste into drums without spilling the waste onto the ground. Therefore unloading of the waste is best done back at the contractors shop where more equipment, manpower and space is available to unload the waste while minimizing the potential of spreading contaminated waste at your facility.

Item 3:

The volume of sludge in each drywell is not known and can vary significantly between each drywell. There is no accurate means of measuring the amount of sludge to be removed not knowing the size of the leaching pools. The supersucker vacuum truck used by CPC at your facility has a capacity of 15 cubic yards. The capacity of the vacuum truck was reached after the fourth drywell was pumped clean, chiefly because of the large volume of sludge removed from the southwest drywell (#6) and loading bay drywell (#4).

The alternative would have been for CPC to bring out two vacuum supersucker trucks onto the job site the same day. Additional manpower would have been needed to have available a second crew to conduct concurrent cleanup operations. However, if the total volume of waste pumped from your facility's drywell had not exceed 15 cubic yards, and only one vacuum second truck was needed, your company would have been charged with rental of the second truck regardless of whether the truck was used. It should be recognized that several hours are needed after the vehicles leave the job site and return to the contractor's shop to unload the waste into containers and to clean the equipment for use the next day. Therefore, this reduces the number of hours on a given day the crew is actually at the job site.

It should be noted that the price for disposal of the liquids from the stormwater drywells to the Bay Park Scavenger Waste Treatment Plant is based on a full tank load of 7,000 gallons of waste. A minimum fee of $875 is charged per tank load (based on $125 per 1,000 gallons of waste). Therefore, on the first day (10/16/89), CPC continued to pump all six drywells to fill up the 7,000 gallon tanker even though not all of the drywells were being remediated that day. Prior to remediation of the last two drywells on 10/23/89, the two drywells were repumped. A total of 3,500 gallons of liquid was removed, however, the price for disposal was still calculated based on the full 7,000 gallon tank load capacity at a price of $875.

In reviewing CPC's invoice, we noted that the charges for transportation and disposal of liquids to Nassau County Department of Public Works was incorrect by an amount of $1,375. The charges for the 10,500 gallons of liquid waste should be $1,750 and not $3,125. This discrepancy in the invoice has been brought to the attention of CPC. The difference of $1,485 ($1,375 plus $110 tax) should be deducted from the total invoice amount. An itemized list of charges we believe to be fair is attached on Table 1.

Item 4 and 5:

We find no discrepancies in the amount billed for by CPC.

Item 6:

We disagree with CPC that the portapotties do not have any effect on the volume of liquid waste removed from your septic system. Due to sludge build-up in the bottom of the leach pools, the pools do not drain immediately. This is evidenced by 4,350 gallons of liquids pumped out of the two leaching pools at a cost of $11,700. As a general rule, industrial facilities generate between 15 to 35 gallons per day (gpd) per person of wastewater per shift of operation. Using a conservative flow rate of 20 gpd with approximately 35 employees at your facility (not even including the construction workers on site at the time), approximately 700 gallons of septic wastewater is generated per day or 3,500 gallons of wastewater is discharged per week. If the

H2M GROUP

CPC INVOICE DATED 10/23/89
(Manifest: 2046537, 2046528)

7,000 gals	Transportation and disposal drywell liquids to Nassau County Dept. of Public Works. Min. charge for 7,000 gals or less.	$875.00
3,500 gals.	Transportation and disposal drywell liquids to Nassau county Dept. of Public Works. Min. charge for 7,000 gals or less.	$875.00
23 cubic yards	Disposal of sludge @ 92 drums @ $195/drum	$17,940.00
2 loads	Transportation bulk sludge @ $600/load	$1,200.00
2 days	Labor @ $1,200 crew/day	$2,400.00
2 days	Safety and air equipment @ $200/day	$400.00
2 days	Heavy equipment @ $1,200/day	$ 3,600.00
	Subtotal	$27,290.00
	Tax	2,183.20
	Total	$29,473.20

portapotties were in use the week immediately prior to and the week of the septic system remediation giving the liquid in the leaching pools a chance to drain, as was advised, use of the portapotties could have been an overall cost savings. Similarly, use of the portapotties would have eliminated solids discharge into the septic tank over the same period and may have slightly lowered sludge disposal costs.

We agree that sewer hook-up would have had the most effect on reducing the volume of septic waste for disposal. The permit for sewer connection was filed by our office and approved by NCDPW in March 1989. However, the NCDPW required that sanitary system remediation be conducted before sewer hook-up so that the sanitary system can be backfilled and abandoned almost immediately upon hook-up. Therefore, the sewer connection work and remediation of the septic system by a hazardous waste contractor had to be coordinated such that both were conducted at the same time.

If you have any questions or comments, please call or write this office.

Very truly yours,

HOLZMACHER, McLENDON & MURRELL, P.C.

John J. Molloy, P.E.
Vice President

JJM/cdr

H2M GROUP

Holzmacher, McLendon and Murrell, P.C. • Holzmacher, McLendon and Murrell, Inc. • H2M Labs, Inc.
Engineers, Architects, Scientists, Planners, Surveyors

575 Broad Hollow Road, Melville, N.Y. 11747-5076
(516) 756-8000 • (201) 575-5400
FAX: 516-694-4122

DRAFT

April 5, 1990

Ms. Angela Pettinelli
Nassau County Department of Health
Bureau of Land Resources Management
240 Old Country Road
Mineola, New York 11501

Re: Utility Manufacturing Co., Inc.
Continued Site Investigation

Dear Ms. Pettinelli:

The enclosed letter report presents the findings of our continued site investigation at Utility Manufacturing Co., Inc. in Westbury, New York (Figure 1). The investigation included the sampling of groundwater beneath the facility and obtaining a soil sample indicative of background conditions. The soil sample was taken on December 28, 1989 and the groundwater sampling was conducted on January 16, 1990. Mr. Peter Paul of the Nassau County Department of Health (NCDOH) was present at both events.

Please call if you have any questions or comments.

Very truly yours,

HOLZMACHER, McLENDON & MURRELL, P.C.

Michael V. Tumulty, P.E., CGWP

MVT:cmc

UTILITY MANUFACTURING CO., INC.
CONTINUED SITE INVESTIGATIONS

DRAFT

1.0 - BACKGROUND

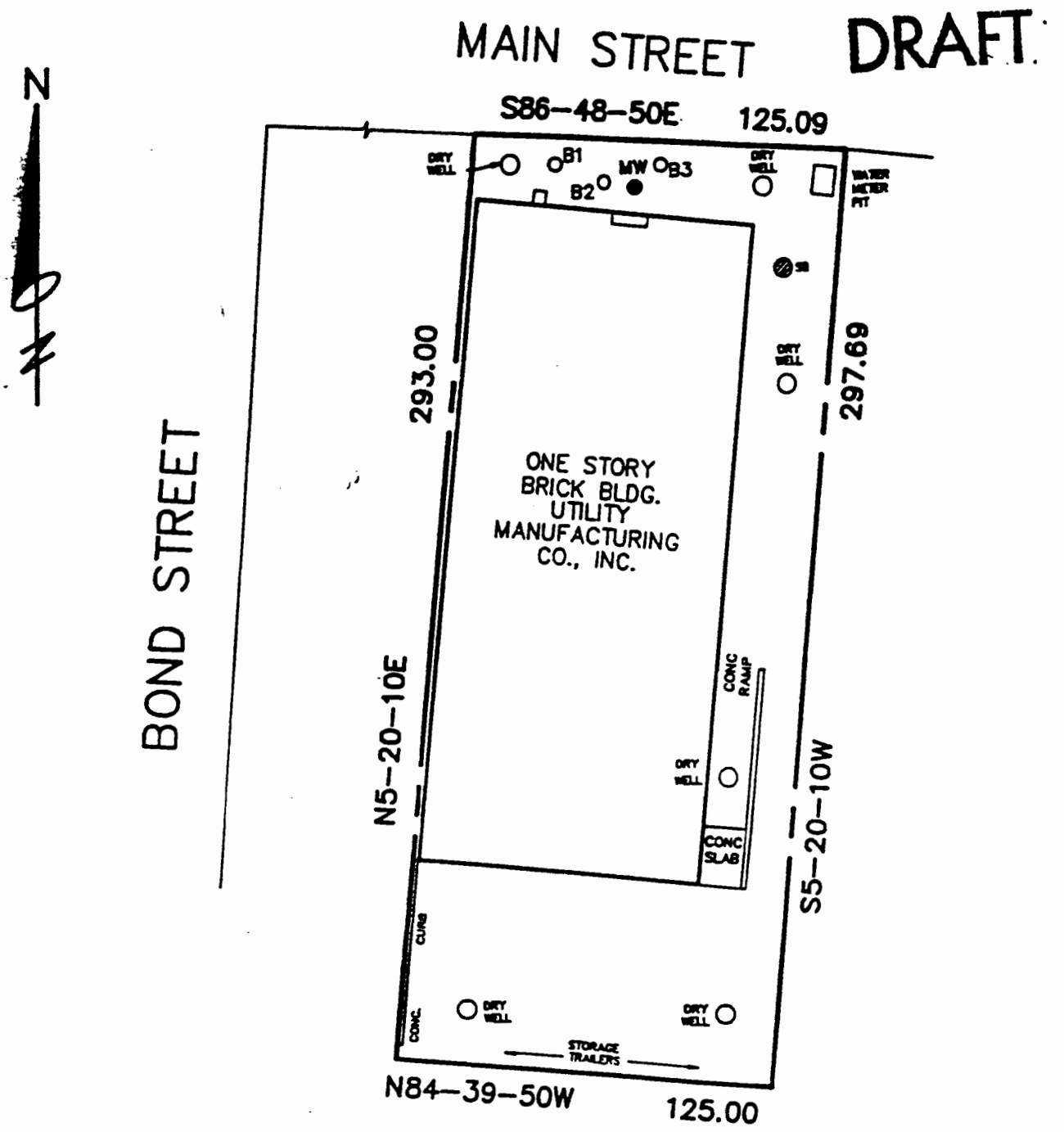
As a result of sampling of the on-site sanitary disposal system by NCDOH in 1988, and subsequent sampling of stormwater drywells, Utility Manufacturing was instructed to remove contaminated liquids and sediments from the sanitary and stormwater disposal systems. The facility was also requested to begin a subsurface investigation to determine the presence and extent, if any, of soil and groundwater contamination at the site.

The remediation of six (6) stormwater and two (2) sanitary leach pools was documented by H2M Group. The pumping and cleaning of the leaching pools were conducted on October 16, 23 and November 2, 1989. The stormwater drywells were remediated on October 16 and 23, 1989.

2.0 - FIELD INVESTIGATIONS

For this investigation, one (1) monitoring well was installed on December 28, 1989 (Figure 2). All work was completed in accordance with the work plan submitted to NCDOH on September 18, 1989. The monitoring well was installed adjacent to the location where borings were drilled in April 1989 to sample the soil column beneath the sanitary system. Split-spoon samples were taken at 5 feet intervals and classified at the time the original borings were drilled.

The monitoring well was installed in conformance with the New York State Department of Environmental Conservation (NYSDEC) specifications for wells in unconsolidated formations. Well con-


DRAFT
MAIN STREET
N
S86-48-50E
125.09
DRY WELL
B1
MW
B3
B2
SB
293.00
297.69
BOND STREET
ONE STORY
BRICK BLDG.
UTILITY
MANUFACTURING
CO., INC.
CONC RAMP
DRY WELL
CONC SLAB
N5-20-10E
S5-20-10W
CURB
CONC.
DRY WELL
DRY WELL
STORAGE TRAILERS
N84-39-50W
125.00
LEGEND
MW EXISTING MONITORING WELL
SB BACKGROUND SOIL SAMPLE
B3 SOIL BORINGS
SCALE: 1"=50'
UTMF-8801

struction materials consist of 2-inch I.D., Schedule 40, flush joint, threaded riser and 15 feet of No. 10 slot size, 2-inch I.D. PVC well screen. The annular space around the well screen was filled with a No. 2 grade gravel pack. A 2 foot thick bentonite seal consisting of bentonite pellets was above the gravel pack. The remaining annular space was tremie grouted with a bentonite/cement slurry to a depth of approximately 3 feet below grade. A cement grout was placed in the borehole to the surface, and a protective steel casing was installed. The well was developed by pumping until it produced a clean, sand and silt-free discharge. Specific conductivity measurements were taken of the discharge to confirm adequate development.

During this investigation, one background soil sample was taken at a location away from the monitoring well. This sample was obtained by drilling down to a depth of 5 feet where a decontaminated split-spoon sampler was used to sample the interval from 5 to 7 feet. The soil sample was analyzed for priority pollutant metals and E.P. Toxicity priority pollutant metals. The groundwater samples taken on January 16, 1990 were analyzed for priority pollutant metals and priority pollutant purgeable organics.

Mr. Peter Paul of NCDOH was present at all drilling and sampling events.

DRAFT

3.0 - LABORATORY DATA

3.1 - Soil Data

The background soil sample was analyzed for priority pollutant metals and E.P. Toxicity metals. The purpose of obtaining this sample and analyzing it for metals was to be able to compare natural metals concentrations to concentrations found in three soil borings drilled in April 1989 as part of the initial investigation. The laboratory results of the background soil sample are compared to the results of the soil samples from the borings drilled adjacent to the new well location and decomissioned sanitary disposal system. For comparison purposes the shallowest split-spoon soil sample from each boring is tabulated with the background sample in Table 1.

Except for zinc shown to be higher than background in two of the shallow soil samples, none of the metals appear to be significantly above background. Although the results for zinc concentrations in samples B-1 and B-2 are higher than the background results, neither of them are higher than the upper limit range cited in the literature.

An E.P. Toxicity procedure analyses on the background soil sample showed that natural soils under the procedure methods would leach out low levels of chromium, copper and zinc. The results are tabulated in Table 2.

3.2 - Groundwater Data

The groundwater monitoring well was sampled on January 16, 1990. Following the sampling procedures outlined in the work

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122

ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY

Utility Manufacturing
700-712 Main St.
Westbury, NY 11490

Sample Lab No. 751398
Date Collected: 01/16/90
Date Received: 01/16/90
Type: Miscellaneous
Point: Trip Blank
Collected By: LMM.03

PRIORITY POLLUTANTS ANALYSIS - PURGEABLE ORGANICS

Compound		ug/l
Chloromethane	1)	ND
Bromomethane	1)	ND
Vinyl Chloride	1)	ND
Chloroethane	1)	ND
Methylene Chloride		ND
Trichlorofluoromethane		ND
1,1-Dichloroethene		ND
1,1-Dichloroethane		ND
cis/trans-1,2-Dichloroethene		ND
Chloroform		ND
1,2-Dichloroethane		ND
1,1,1-Trichloroethane		ND
Carbon Tetrachloride		ND
Bromodichloromethane		ND
1,2-Dichloropropane		ND
Trans-1,3-Dichloropropene		ND
Trichloroethene		ND
Dibromochloromethane		ND
1,1,2-Trichloroethane		ND
cis-1,3-Dichloropropene		ND
Benzene		ND
2-Chloroethylvinyl Ether	1)	ND
Bromoform		ND
1,1,2,2-Tetrachloroethane		ND
Tetrachloroethene		ND
Toluene		ND
Chlorobenzene		ND
Ethylbenzene		ND
1,2-Dichlorobenzene		ND
1,3-Dichlorobenzene		ND
1,4-Dichlorobenzene		ND

Quantification limit: 5 ug/l

ND - Under quantification limit.

1) Quantification limit: 10 ug/l

John J. Molloy, P.E.
Laboratory Director

Date Analyzed: 1/20/90
Date Reported: 1/22/90

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122

ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY

Utility Manufacturing
700-712 Main St.
Westbury, NY 11490

Sample Lab No. 751397
Date Collected: 01/16/90
Date Received: 01/16/90
Type: Miscellaneous
Point: MW-1
Collected By: LMM 03

PRIORITY POLLUTANTS ANALYSIS - PURGEABLE ORGANICS

Compound		ug/l
Chloromethane	1)	ND
Bromomethane	1)	ND
Vinyl Chloride	1)	ND
Chloroethane	1)	ND
Methylene Chloride		ND
Trichlorofluoromethane		ND
1,1-Dichloroethene		8
1,1-Dichloroethane		260
cis/trans-1,2-Dichloroethene		280
Chloroform		ND
1,2-Dichloroethane		ND
1,1,1-Trichloroethane		430
Carbon Tetrachloride		ND
Bromodichloromethane		ND
1,2-Dichloropropane		ND
Trans-1,3-Dichloropropene		ND
Trichloroethene		17
Dibromochloromethane		ND
1,1,2-Trichloroethane		ND
cis-1,3-Dichloropropene		ND
Benzene		ND
2-Chloroethylvinyl Ether	1)	ND
Bromoform		ND
1,1,2,2-Tetrachloroethane		ND
Tetrachloroethene		110
Toluene		ND
Chlorobenzene		ND
Ethylbenzene		ND
1,2-Dichlorobenzene		ND
1,3-Dichlorobenzene		ND
1,4-Dichlorobenzene		ND

Quantification limit: 5 ug/l

ND - Under quantification limit.

1) Quantification limit: 10 ug/l

****
*
*
****

John J. Molloy, P.E.
Laboratory Director

Date Analyzed: 1/20/90
Date Reported: 1/22/90

H2M LABS, INC.
Environmental Testing Laboratories
575 Broad Hollow Road, Melville, New York 11747-5076 • (516) 694-3040

Water/Waste Water Laboratory • Hazardous Waste Laboratory • Air Testing Laboratory
Pilot Plant Studies and Other Analytical Services

LABORATORY REPORT

LAB NO. 751399
~~PROJECT NO. UTHF-8801~~

CLIENT'S NAME AND ADDRESS	
UTILTIY MANUFACTURING 700-712 MAIN ST. WESTBURY, NY	TYPE OF SAMPLE - MISCELLANEOUS DATE COLLECTED - 1/16/90 MW-1 DISSOLVED METALS

COLLECTED BY LMM 03
DATE RECEIVED - 1/16/90

PARAMETER	RESULT	PARAMETER	RESULT
DISS. ARSENIC	<10.0 #	DISS. SELEN.	<5.00#
DIS BE-RYLLIUM	<5.00#	DISS. SILVER	<0.01
DISS. CADMIUM	<5.00#	DISS. THALL.	<10.0 #
DISS. CHROM.	0.02	DISS. ZINC	0.82
DISS. COPPER	0.02		
DISS. ANTIM.	<60.0 #		
DISS. LEAD	<5.00#		
DISS. MERCURY	<0.20#		
DISS. NICKEL	<0.04		

REMARKS - BILLS & REPORTS: LMM

ALL RESULTS IN (MG/L) EXCEPT AS NOTED BY # (UG/L) OR % (PERCENT) AND
T.COLI BACT. & FECAL COLI (MPN/100ML)
COLOR, ODOR, TURBIDITY & PH (UNITS)
APC & FECAL STREP (COUNTS/ML)
SPEC.COND. (UMHOS) SETT.SOLIDS(ML/L)

DATE REPORTED 2/ 1/90

LABORATORY DIRECTOR

H2M LABS, INC.
Environmental Testing Laboratories
575 Broad Hollow Road, Melville, New York 11747-5076 • (516) 694-3040
Water/Waste Water Laboratory • Hazardous Waste Laboratory • Air Testing Laboratory
Pilot Plant Studies and Other Analytical Services

LABORATORY REPORT

LAB NO. 973453
PROJECT NO. 2C

CLIENT'S NAME AND ADDRESS	TYPE OF SAMPLE - MISCELLANEOUS DATE COLLECTED - 12/28/89
AUDIE KRANZ 700-712 MAIN STREET WESTBURY, NY 11797	COLLECTED BY LMM 03 DATE RECEIVED - 12/29/89 E.P. TOXICITY BACKGROUND SOIL BORING #1

PARAMETER	RESULT	PARAMETER	RESULT
ANTIMONY	<60.0 #	SELENIUM	<5.00#
ARSENIC	<53.0 #	SILVER	<0.01
BERYLLIUM	<5.00#	THALLIUM	<10.0 #
CADMIUM	<5.00#	ZINC	0.05
CHROMIUM	0.04		
COPPER	0.05		
LEAD	<60.0 #		
MERCURY	<0.20#		
NICKEL	<0.04		

REMARKS - BILLS AND RPTS: LMM

ALL RESULTS IN (MG/L) EXCEPT AS NOTED BY # (UG/L) OR % (PERCENT) AND
T.COLI BACT. & FECAL COLI (MPN/100ML)
COLOR, ODOR, TURBIDITY & PH (UNITS)
APC & FECAL STREP (COUNTS/ML)
SPEC.COND. (UMHOS) SETT.SOLIDS(ML/L)

DATE REPORTED 1/11/90

LABORATORY DIRECTOR

H2M LABS, INC.
Environmental Testing Laboratories
575 Broad Hollow Road, Melville, New York 11747-5076 • (516) 694-3040

Water/Waste Water Laboratory • Hazardous Waste Laboratory • Air Testing Laboratory
Pilot Plant Studies and Other Analytical Services

LABORATORY REPORT

LAB NO. 973454
PROJECT NO. 2C

CLIENT'S NAME AND ADDRESS	TYPE OF SAMPLE - MISCELLANEOUS DATE COLLECTED - 12/28/89
AUDIE KRANZ 700-712 MAIN STREET WESTBURY, NY 11590	COLLECTED BY LMM 03 DATE RECEIVED - 12/29/89 BACKGROUND SOIL BORING #1

PARAMETER	RESULT	PARAMETER	RESULT
ANTIMONY	<12.3	SELENIUM	<10.2
ARSENIC	<2.00	SILVER	<2.10
BERYLLIUM	<1.00	THALLIUM	<2.00
CADMIUM	1.40	ZINC	6.20
CHROMIUM	12.3	TOTAL SOLIDS	97.6 %
COPPER	<4.10		
LEAD	1.30		
MERCURY	<0.10		
NICKEL	<8.20		

RESULTS REPORTED AS MG/KG DRY WEIGHT

REMARKS - BILLS AND RPTS: LMM

ALL RESULTS IN (MG/L) EXCEPT AS NOTED BY * (UG/L) OR % (PERCENT) AND
T.COLI BACT. & FECAL COLI (MPN/100ML)
COLOR, ODOR, TURBIDITY & PH (UNITS)
APC & FECAL STREP (COUNTS/ML)
SPEC.COND. (UMHOS) SETT.SOLIDS(ML/L)

DATE REPORTED 1/26/90

LABORATORY DIRECTOR

4.0 - CONCLUSIONS

The results of laboratory analysis of the background soil sample has confirmed that soils beneath the leaching pools, sampled previously, were not impacted by metals contamination. However, the groundwater has been impacted by volatile organic contamination. The source of the contaminaiton cannot be assumed to be from Utility Manufacturing because upgradient water quality is not known. The three additional monitoring wells described in the June 1988 work plan should be installed on site for a better understanding of the source of contamination.

TABLE 4

PRIORITY POLLUTANT VOLATILE ORGANICS (mg/L) QUANITIFIED IN GROUNDWATER

Parameter	MW-1	Trip Blank	USEPA[a] MCL	N.Y.S. Health Dept. Standards[b]
1,1-Dichloroethene	0.008	ND	0.007	0.005
1,1-Dichloroethane	0.260	ND	--	0.005
cis/trans-1,2-Dichloroethene	0.280	ND	0.07*	0.005
1,1,1-Trichloroethane	0.430	ND	0.200	0.005
Trichloroethene	0.017	ND	0.005	0.005
Tetrachloroethene	0.110	ND	ND*	0.005

(a) Maximum Contaminant Level (MCL) as established by the USEPA for drinking water.
(b) New York State Health Department Drinking Water Standards
ND Not detected
-- Not applicable
* Recommended Maximum Concentration Level (RMCL) as established by the USEPA for drinking water.

TABLE 3

PRIORITY POLLUTANT DISSOLVED METALS (mg/l) QUANTIFIED IN GROUNDWATER

Parameter	MW-1	USEPA[a] MCL	6 NYCRR 703.1[b] Standards	N.Y.S.[c] Health Department Standards
Dissolved Antimony	ND	--	--	--
Dissolved Arsenic	ND	0.05	0.025	0.10
Dissolved Beryllium	ND	--	--	--
Dissolved Cadmium	ND	0.01	0.01	0.01
Dissolved Chromium	0.02	0.05	0.05	0.05
Dissolved Copper	0.02	1.3*	1.0	1.00
Dissolved Lead	ND	0.05	0.025	0.05
Dissolved Mercury	ND	0.002	0.002	0.005
Dissolved Nickel	ND	--	--	--
Dissolved Selenium	ND	0.01	0.02	0.01
Dissolved Silver	ND	0.05	0.05	0.05
Dissolved Thallium	ND	--	--	--
Dissolved Zinc	0.82	--	5.0	5.00

(a) Maximum Contaminant Level (MCL) as established by the USEPA for drinking water.
(b) Groundwater Standards established under 6 NYCRR 703.1 Guidelines
(c) New York State Health Department Drinking Water Standards.
ND Not detected
-- Not applicable
* Recommended Maximum Concentration Level (RMCL) as established by the USEPA for drinking water.

plan, a minimum of three well volumes of water was purged from the well prior to sampling. The sample was obtained using a laboratory cleaned dedicated bailer, preserved, and transported to H2M Labs, Inc. for analysis of volatile organic parameters (USEPA Method 624) and dissolved metals. The sample was accompanied by a trip blank sample for QA/QC purposes. This sample was also analyzed for volatile organic parameters.

The laboratory results indicate that the groundwater at this location is impacted by volatile organic compounds (Table 4), but not impacted by metals (Table 3). The only metals detected in the groundwater sample (chromium, copper and zinc) were those metals shown to be leachable from the background soil under the E.P. Toxicity Procedure method (see Table 2). Furthermore, the concentrations of metals found in the groundwater are below applicable standards.

The volatile organic data indicates that there are six compounds that were detected. They exceed both NYS Department of Health and USEPA drinking water standards. These compounds are similar to those found in the sanitary system, but without an upgradient well, it cannot be assumed to be solely the responsibility of Utility Manufacturing Co. In such a heavily industrial area such as is the case in this industrial park, there may be many sources of these common industrial chemicals.

TABLE 2

E.P. TOXICITY METALS AFTER EXTRACTION (mg/L)

	Background Soil Boring	USEPA Criteria (a)
Antimony	ND	--
Arsenic	ND	5.0
Beryllium	ND	--
Cadmium	ND	1.0
Chromium	0.04	5.0
Copper	0.05	--
Lead	ND	5.0
Mercury	ND	0.2
Nickel	ND	--
Selenium	ND	1.0
Silver	ND	5.0
Thallium	ND	--
Zinc	0.05	--

(a) USEPA criteria for hazardous waste classification (40 CFR 261)

ND = Not detected

-- = Not applicable

TABLE 1
PRIORITY POLLUTANT METALS QUANTIFIED IN SOILS

Total Digestion - mg/kg

	B-1* (15'-17')	B-2* (15'-17')	B-3* (10'-12')	Background (5'-7')	Normal Range[a]
Antimony	<6.10	<7.20	<7.20	<12.3	2-10
Arsenic	<1.00	<1.20	<1.20	<2.00	0.1-40
Beryllium	<0.51	<0.60	<0.60	<1.00	0.1-40
Cadmium	<0.51	0.96	<0.60	1.40	0.01-7
Chromium	2.00	7.20	4.80	12.30	1.0-1000
Copper	3.10	16.80	2.40	<4.10	2.0-100
Lead	1.20	5.90	1.20	1.30	2.0-200
Mercury	<0.09	<0.10	<0.05	<0.10	0.01-0.3
Nickel	<4.10	<4.80	<4.80	<8.20	5.0-500
Selenium	<0.51	<0.60	<0.60	<10.2	0.01-38
Silver	<1.00	<1.20	<1.20	<2.10	0.01-5
Thallium	<1.00	<1.20	<1.20	<2.00	--
Zinc	173.0	132.0	8.40	6.20	10-300

---

[a] Lindsay, W.L., Chemical Equilibrium in Soils, N.Y., John Wiley & Sons, 1979.

-- Not applicable

* Borings B-1, B-2, and B-3 were drilled adjacent to the on-site sanitary system on 4/14/89; the background sample was obtained on 12/28/89.

H2MGROUP

Holzmacher, McLendon and Murrell, P.C. • Holzmacher, McLendon and Murrell, Inc. • H2M Labs, Inc.
Engineers, Architects, Scientists, Planners, Surveyors

575 Broad Hollow Road, Melville, N.Y. 11747-5076
(516) 756-6000 • (201) 575-5400
FAX: 516-694-4122

April 16, 1990

Ms. Angela Pettinelli
Nassau County Department of
Health
240 Old Country Road
Mineola, New York 11501

Re: Utility Manufacturing Co., Inc.
Drywell Sample

Dear Ms. Pettinelli:

The purpose of this letter is to present to your office the analytical result of a drywell sample collected on March 20, 1990 from the above-referenced facility. The sample was collected from Drywell No. 6 after a post-remediation soil sample (collected on October 16, 1989) showed levels of trichloroethylene at 1.7 mg/kg. Resampling of this drywell was requested by your office with a split sample provided to NCDOH.

Analytical data from the recent drywell sample did not show the presence of any volatile organic compounds at the method detection limit. Based on the attached analytical data and previously submitted confirmatory sample data, we consider the overall remediation of Utility Manufacturing's on-site leaching pools to have been satisfactorily completed.

If you have any questions or comments, please call or write this office.

Very truly yours,

HOLZMACHER, McLENDON & MURRELL, P.C.

Sui Leong

Sui Y. Leong

SYL/cdr

cc: Audie Kranz/Utility Manufacturing Co., Inc.

GROUP

Holzmacher, McLendon and Murrell, P.C. • Holzmacher, McLendon and Murrell, Inc. • H2M Labs, Inc.
Engineers, Architects, Scientists, Planners, Surveyors

575 Broad Hollow Road, Melville, N.Y. 11747-5076
(516) 756-8000 • (201) 575-5400
FAX: 516-694-4122

October 23, 1990

Angela B. Pettinelli
Public Health Engineer
Bureau of Land Resources Management
Nassau County Department of Health
240 Old Country Road
Mineola, New York 11501-4250

Re: Utility Manufacturing Co., Inc.
Westbury, New York facility

Dear Ms. Pettinelli:

As required by the Nassau County Department of Health (NCDOH), Utility Manufacturing Co., Inc. has installed a monitoring well upgradient of their facility located in Westbury, New York as seen in the attached figure. The well was sampled on September 20, 1990 for volatile organic compounds according to EPA Method 601/602.

As discussed in our previous meetings, Utility Manufacturing has conducted extensive remedial activities involving the removal of contaminated liquids and sediments from on-site sanitary and stormwater disposal systems in Fall, 1989 and early 1990. These remedial activities were conducted to the satisfaction of the NCDOH and significant reduction in contaminant levels were verified at the facility.

In January 1990, a monitoring well was installed in close proximity to the on-site sanitary system to determine groundwater quality. The following volatile organic compound were quantified: 1,1-Dichloroethene, 1,1-Dichloroethane, Trichloroethene, 1,1,1 - Trichloroethane, cis/trans-1,2 - Dichloroethene and Tetrachloroethene at a total volatile organic concentration of approximately 1.1 part per million (ppm).

Because of the location of the site, adjacent to an area known as the New Cassel Industrial Area which has been designated an Inactive Hazardous Waste Class 2A site, the potential for significant sources of upgradient volatile organic contamination exists. This was the purpose of initially installing an upgradient monitoring well, to determine the impact, if any from upgradient off-site sources. Additionally, a freedom of information search was conducted to determine the potential for releases to have occurred upgradient and adjacent to the Utility Manufacturing facility.

LABS, INC.
575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)694-4122

LAB NO: 9009840

[illegible]TY MANUFACTURING CO.,INC.
[illegible]E KRANZ
[illegible]0 MAIN ST.
[illegible]STBURY, NY 11590

TYPE..... GROUND WATER
ROUTINE

DATE COLLECTED. 09/20/90
DATE RECEIVED.. 09/20/90
COLLECTED BY... LMM 03
PROJECT NO..... UTMF9001

POINT NO:
LOCATION: MW-2
REMARKS:

VOL. ORGANICS(601/602 & XYLENES) - (ug/l)

PARAMETER (S)	RESULT	PARAMETER (S)	RESULT
DICHLORODIFLUOROMETHANE	<3	1,2-XYLENE	<3
CHLOROMETHANE	<3		
VINYL CHLORIDE	<3		
BROMOMETHANE	<3		
CHLOROETHANE	<3		
FLUOROTRICHLOROMETHANE	<3		
1,1-DICHLOROETHENE	<3		
METHYLENE CHLORIDE	<3		
TRANS-1,2-DICHLOROETHENE	9		
1,1-DICHLOROETHANE	6		
CHLOROFORM	<3		
1,1,1-TRICHLOROETHANE	13		
CARBON TETRACHLORIDE	<3		
1,2-DICHLOROETHANE	<3		
TRICHLOROETHENE	<3		
1,2-DICHLOROPROPANE	<3		
BROMODICHLOROMETHANE	<3		
TRANS-1,3-DICHLOROPROPENE	<3		
CIS-1,3-DICHLOROPROPENE	<3		
1,1,2-TRICHLOROETHANE	<3		
TETRACHLOROETHENE	4		
CHLORODIBROMOMETHANE	<3		
CHLOROBENZENE	<3		
BROMOFORM	<3		
1,1,2,2-TETRACHLOROETHANE	<3		
M-DICHLOROBENZENE	<3		
P-DICHLOROBENZENE	<3		
O-DICHLOROBENZENE	<3		
BENZENE	<3		
TOLUENE	<3		
ETHYLBENZENE	<3		
1,3-XYLENE	<3		
1,4-XYLENE	<3		

COPIES TO: LMM

DATE ISSUED 09/26/90

DATE RUN..... 09/24/90
DATE REPORTED.. 09/25/90

Stanley Krancer
LABORATORY DIRECTOR

LMM

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)694-4122

LAB NO: 9009841

...ACTURING CO.,INC.

TYPE..... GROUND WATER
ROUTINE

...Y 11590

...COLLECTED. 09/20/90
...RECEIVED.. 09/20/90
...LLECTED BY... LMM 03
...ROJECT NO..... UTMF9001

POINT NO:
LOCATION: TRIP BLANK
REMARKS:

VOL. ORGANICS(601/602 & XYLENES) - (ug/l)

PARAMETER (S)	RESULT	PARAMETER (S)	RESULT
DICHLORODIFLUOROMETHANE	<3	1,2-XYLENE	<3
CHLOROMETHANE	<3		
VINYL CHLORIDE	<3		
BROMOMETHANE	<3		
CHLOROETHANE	<3		
FLUOROTRICHLOROMETHANE	<3		
1,1-DICHLOROETHENE	<3		
METHYLENE CHLORIDE	<3		
TRANS-1,2-DICHLOROETHENE	<3		
1,1-DICHLOROETHANE	<3		
CHLOROFORM	<3		
1,1,1-TRICHLOROETHANE	<3		
CARBON TETRACHLORIDE	<3		
1,2-DICHLOROETHANE	<3		
TRICHLOROETHENE	<3		
1,2-DICHLOROPROPANE	<3		
BROMODICHLOROMETHANE	<3		
TRANS-1,3-DICHLOROPROPENE	<3		
CIS-1,3-DICHLOROPROPENE	<3		
1,1,2-TRICHLOROETHANE	<3		
TETRACHLOROETHENE	<3		
CHLORODIBROMOMETHANE	<3		
CHLOROBENZENE	<3		
BROMOFORM	<3		
1,1,2,2-TETRACHLOROETHANE	<3		
M-DICHLOROBENZENE	<3		
P-DICHLOROBENZENE	<3		
O-DICHLOROBENZENE	<3		
BENZENE	<3		
TOLUENE	<3		
ETHYLBENZENE	<3		
1,3-XYLENE	<3		
1,4-XYLENE	<3		

COPIES TO: LMM

DATE ISSUED 09/26/90

DATE RUN..... 09/24/90
DATE REPORTED.. 09/25/90

Stanley Deaver
LABORATORY DIRECTOR

LMM

GROUP

The sampling of the upgradient off-site monitoring well installed, reported low level concentrations of the same volatile organic compounds quantified on-site. The results of analytical testing are tabulated below with analytical data sheets attached.

PARAMETER	H2M LABS CONCENTRATION (ug/l)	NCDOH CONCENTRATION (ug/l)
Trichloroethene	-	3
Trans-1,2-Dichloroethene	9	5
1,1-Dichloroethane	6	5
1,1,1-Trichloroethane	13	20
Tetrachloroethene	4	6
1,1,-Dichloroethene	-	5
Total Volatiles:	32	44

These volatile organic compounds quantified upgradient are both primary and breakdown products and are the same compounds quantified on-site in higher concentrations. Because of this relationship, it is probable that upgradient sources may be a contributing factor to on-site concentrations quantified.

The freedom of information search performed, revealed that many of the upgradient and surrounding facilities use the primary volatile organic compounds as degreasing agents.

On this basis, Utility Manufacturing proposes to continue monitoring the upgradient well and the on-site well to determine if there is a relationship between on and off-site groundwater conditions and to monitor changes in groundwater quality over time.

If you have any questions, please feel free to call this office.

Very truly yours,

HOLZMACHER, McLENDON & MURRELL, P.C.

Jill S. Haimson

Jill S. Haimson, CGWP
Project Manager
JSH:cmc
cc: Audie Kranz, Utility Manufacturing

ENVIRONMENTAL HEALTH
Continuation Sheet
Nassau County Health Department

Owner or Agent : UTILITY MFG. CO
Address: 700 MAIN ST WESTBURY/N. CASSEL

Inspector M. Jelneta

DATE	COMMENTS
4/23/85	Liquid sample taken from dry well in rear lot of Utility MFG. Co. by V. Digio and M. Jelneta, N.C.D.H. Company representative "Mike" present at the time sample was taken. Co. Pres. W.J. Keary informed of sampling. Sample delivered to lab on Ice. M. Jelneta
5/9/85	Odgenic samples returned. Results indicate no evidence of contamination. (attached) M. Jelneta

EH 109a 1/68
DH-1198. 9/71

LAND POLLUTION CONTROL COMPLAINT INVESTIGATION FORM

Nassau County Department of Health

ORIGIN

☑ Citizen Complaint
☐ Department Referral Unit _____
☐ Other _____

Date opened: 2/11/85

If reopened, date of last inspection: _____

No. of mos.: _____

Reinspection date(s): 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Date closed: _____

☐ Placed under surv

Approved by: _____

File

COMPLAINANT

Name: Anon.

Address: _____ Floor: _____

City or Town: _____ Tel: _____

Name: UTILITY MANF. CO. ☐ Owner ☐ Agent

Address: (700) 400 MAIN ST

City or Town: WESTBURY Tel: _____

Location of Complaint: _____

Section: _____ Block: _____ Lot: _____

Nature of Complaint: _____

INSPECTION REPORT

Complainant visited Date:
☐ Yes ☐ No ☐ Not home-message left

Violation
☐ Yes ☐ No

V. N. Issued: _____

Date Corr: _____

Date	COMMENTS AND ACTION TAKEN	Inspected
	Use chemicals in manf. dumping in rear of property in dry well and dumping in drums in rear of property seen last week	
3/4	Inspection this day. (H. Schultz + V. Hig	
	No obvious odor from dry well. Dry well cover had been black topped over around the edges preventing removal and sampling. Requested cover be loosened for future sampling. Employee "Mike" agreed. No obvious wastes noted in rear yard. Storage	
	H. Schultz	

AL/SOLVENT WASTE REPORT	Name	Article XI Permit Number
eau of Land Resources Management	Utility Manufacturing Co.	000302
assau County Department of Health	Address 700 Main Street Westbury, NY 11590	Report Period 1993

List all chemicals and/or solvents purchased during the reporting period. Indicate for each the purpose or use, trade name or supplier and the quantity purchased.

Name of Chemical or Solvent	How is Chemical or Solvent Used?	Trade Name or Supplier	Quantity Purchased
Dibutyl Phthalate	Ingredient	Various	900 lbs.
Perchloroethylene	"	"	45,760 lbs.
Petroleum Sodium Sulfonate	"	"	2180 lbs.
Ethyl Alcohol	"	Harcross Chemical	110 gallons
Naphthenic Oil	"	Exxon/Novick Chemical	7,964 gallons
Amino Methyl Propanol	"	Various	600 lbs.
Benzoflex Plasticizer	"	"	600 lbs.
Sodium Hydroxide Dry Solid	"	"	64,650 lbs.
Cyclohexanone	"	"	425 lbs.
Methyl Ethyl Ketone	"	"	6600 lbs.
Tetrahydrofuran	"	"	0
Dipottasium Phosphate	"	"	7,100 lbs.
Hydrochloric Acid	"	"	42,025 lbs.
Sulfuric Acid	"	"	1,119,200 lbs.
Propylene Glycol	"	"	306,020 lbs.

(continued on reverse)

Bureau of Land Resources Management	Utility Manufacturing Co.	000302
Nassau County Department of Health	Address 700 Main Street Westbury, NY 11590	Report Period 1993

List all chemicals and/or solvents purchased during the reporting period. Indicate for each the purpose or use, trade name or supplier and the quantity purchased.

Name of Chemical or Solvent	How is Chemical or Solvent Used?	Trade Name or Supplier	Quantity Purchased
Methanol	Ingredient	Various	165 gallons
Nonylphenoxpoly Ethanol (ethyleneoxy)	"	"	110 gallons
Ethylene Glycol Monobutyl Ether	"	"	2076 lbs.
Rodine 85 Inhibitor	"	Parker/Amchem	156 gallons
Emulsified Orthodichlorobenzene	"	Hart Products	1000 lbs.
Zinc Chloride Ammonium Chloride Sol.	"	Mineral Research & Madison Industries	134,830 lbs.
Methyl Pentachlor Stearate	"	Vanchem, Inc.	500
Copper Sulfate Pentahydrate	"	Various	11,400 lbs.
Sodium Tripolyphosphate	"	"	250 lbs.
Thiourea	"	"	900 lbs.
1,1,1, Trichloroethane	"	"	0
Petroleum Naptha	"	Unocal Chemical	3500 gallons
Mineral Spirits	"	Various	9
Sodium Hydroxide Liquid	"	"	303,760 lbs.
Sorbitan Sesquioleate	"	I.C.I. America	13,950 lbs.
Copolymer Vinyl Acetate Resin	"	Air Products	15,000 lbs.

EH 704 5/88

(continued on reverse)

L/SOLVENT WASTE REPOI	Name	Permit Number
eau of Land Resources Management	Utility Manufacturing Co.,Inc.	000302
Nassau County Department of Health	Address 700 Main Street, Westbury, NY 11590	Report Period 1994

List all waste generating chemicals and/or solvents purchased during the reporting period Indicate for each the purpose or use, trade name or supplier and the quantity purchased.

Name of Chemical or Solvent	Purpose or Use	Trade Name or Supplier	Quantity Purchased
Petroleum Sodium Sulfonate	Ingredient	Ultra Chemical	3049 pounds
Ethyl Alcohol	"	Pride Solvents	110 gallons
Naphthenic Oil	"	Novick Chemical	9908 Gallons
Amino Methyl Propanol	"	Pride Solvents	480 pounds
Sodium Hydroxide Dry Solid	"	G.F.I. Inc.	28600 pounds
Cyclohexanone	"	Pride Solvents	425 pounds
Methyl ethyl Ketone	"	" "	6820 pounds
Tetrahydrofuran	"	" "	0
Dipottasium Phosphate	"	Independent Chemical	4584 pounds
Hydrochloric Acid	"	" "	39487 pounds
Sulfuric Acid	"	Marsulex, Inc.	1,235,740 pounds
Propylene Glycol	"	Novick, Pride,GFI Inc., Callahan Chemicals	342,640 pounds
Sodium Nitrate	"	Independent Chemical	5500 pounds
Sodium Silicate	"	Occidental Chemical	350,400 pounds
Sulfamic Acid	"	Independent Chemical	1300 pounds

APR 199

EH 704 1/82

continued on reverse

	Name	Permit Number
ement	Utility Manufacturing Co.,Inc.	000302
ealth	Address 700 Main Street, Westbury, NY 11590	Report Period 1994

List all waste generating chemicals and/or solvents purchased during the reporting period Indicate for each the purpose or use, trade name or supplier and the quantity purchased.

Name of Chemical or Solvent	Purpose or Use	Trade Name or Supplier	Quantity Purchased
Methanol	Ingredient	Pride Solvents	385 gallons
Nonylphenoxpoly Ethanol surfactant	"	Pride Solvents Independent Chemical	946 pounds
Ethylene Glycol Monobutyl Ether	"	"	2901 pounds
Rodine 85 pickling inhibitor	"	Parker-Amchem Corp.	104 gallons
Emulsiffed Orthodichlorobenzene	"	Hart Products	3940 pounds
Zinc Ammonium Chloride Solution	"	Mineral Research Co.	84900 pounds
Methyl Pentachlor Stearate	"	Lenape Chemical	500 pounds
Copper Sulfate Pentahydrate	"	Old Bridge Chemical Independent "	15670 pounds
Sodium Tripolyphosphate	"	Independent "	100 pounds
Thiourea	"	" "	350 pounds
Petroleum Naphtha	"	Pride Solvents	2942 Gallons
Sodium Hydroxide 50% Solution	"	G.F.I. Incorporated	170,160 pounds
Sorbitan Sesquioleate (Arlacel C)	"	Independent Chemical	16200 pounds
Copolymer Vinyl Acetate resin	"	Air Products Corp.	10000 pounds
Dibutyl Phthalate	"	Pride Solvents	400 pounds
Tetrachloroethylene (Perchloroeethylene)	"	Novick Chemical	27000 pounds

continued on reverse

UTILITY MANUFACTURING CO., INC.
700 MAIN ST. WESTBURY, N.Y. 11590 U.S.A.
PHONE (516) 997-6300 FAX (516) 997-6345

TO Nassau County Department of Health

DATE June 19, 1997 ☐ URGENT
FILE NO. 0005 ☐ SOON AS POSSIBLE
☐ NO REPLY NEEDED
ATTENTION Mike Sekreta
SUBJECT Renewal of storage facility permit

MESSAGE

Dear Mike,

This confirms our phone conversation....We now know that sodium silicate tanks 3 & 4 have been dropped because you no longer need to track these. Also be advised that simultaneously with our compliance with Article 11 which was completed the end of April 1997 we discontinued our lubricating tank #16 and have now been using same only for a blending vat. Thank you.

SIGNED Audie Kranz

REPLY

DATE OF REPLY

SIGNED

TANK/STORAGE		CAPACITY	STATUS	LOCATION	TYPE OF MATERIAL STORED
0005	TANK	2000	INSERVC	INABOVEG	PROPYLENE GLYCOL
0006	TANK	2000	INSERVC	INABOVEG	PROPYLENE GLYCOL
0007	TANK	250	INSERVC	INABOVEG	PROPYLENE GLYCOL
0008	TANK	550	INSERVC	INABOVEG	TETRACHLOROETHYLENE
0009	TANK	550	INSERVC	INABOVEG	TRICHLOROETHANE, 1,1,1-
0010	TANK	550	INSERVC	INABOVEG	NAPHTHA, VM&P (VARSOL,PETROLEUM SPIRI
0011	TANK	550	INSERVC	INABOVEG	NAPHTHA, VM&P (VARSOL,PETROLEUM SPIRI
0012	TANK	550	INSERVC	INABOVEG	OIL, LUBRICATING
0013	TANK	550	INSERVC	INABOVEG	MINERAL SPIRITS
0014	TANK	4000.	INSERVC	INABOVEG	SODIUM HYDROXIDE

IF THERE IS ANY TANK(S) OR STORAGE AREA(S), AT YOUR FACILITY WHICH ARE NOT LISTE ABOVE PLEASE PROVIDE US WITH THE FOLLOWING INFORMATION ABOUT EACH TANK OR AREA: CAPACITY, LOCATION, TYPE OF MATERIAL STORED IN THE TANK OR AREA, AND THE STATUS OF THE TANK OR AREA.

I HEREBY AFFIRM UNDER PENALTY OF PERJURY, THAT ALL THE INFORMATION PROVIDED ON THIS FORM AND ON ANY ATTACHED FORMS, STATEMENTS AND EXHIBITS IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

PRINT NAME	SIGNATURE	TITLE	DATE
[illegible]		PRES.	6-19-97

RECEIVED JUN 20 1997

ACILITY ID NUMBER : 000302

PPLICATION DUE : 08/01/1997

TANK/STORAGE		CAPACITY	STATUS	LOCATION	TYPE OF MATERIAL STORED
0015	TANK	550	INSERVC	INABOVEG	OIL, LUBRICATING
~~0016~~	~~TANK~~	~~550~~	~~INSERVC~~	~~INABOVEG~~	~~OIL, LUBRICATING~~ SEE NOTE ATTACHED
0017	TANK	300	INSERVC	INABOVEG	OIL, LUBRICATING
0018	TANK	300	INSERVC	INABOVEG	OIL, LUBRICATING
0019	TANK	3500	INSERVC	INABOVEG	SULPHURIC ACID
0020	TANK	275	INSERVC	INABOVEG	OIL, LUBRICATING
0021	TANK	275	INSERVC	INABOVEG	OIL, LUBRICATING
0022	TANK	275	INSERVC	INABOVEG	OIL, LUBRICATING
0001	BULK	10000	INSERVC	INDOOR	MULTIPLE CHEMICALS STORED IN BULK AREA
0001	BULK	11000	INSERVC	INDOOR	MULTIPLE CHEMICALS STORED IN BULK AREA

THERE IS ANY TANK(S) OR STORAGE AREA(S), AT YOUR FACILITY WHICH ARE NOT LISTED
OVE PLEASE PROVIDE US WITH THE FOLLOWING INFORMATION ABOUT EACH TANK OR AREA:
PACITY, LOCATION, TYPE OF MATERIAL STORED IN THE TANK OR AREA, AND THE STATUS
THE TANK OR AREA.

HEREBY AFFIRM UNDER PENALTY OF PERJURY, THAT ALL THE INFORMATION PROVIDED ON
IS FORM AND ON ANY ATTACHED FORMS, STATEMENTS AND EXHIBITS IS TRUE AND CORRECT
THE BEST OF MY KNOWLEDGE AND BELIEF.

PRINT NAME	SIGNATURE	TITLE	DATE
AUDLE KRANZ		PRES.	6-19-97

APPLICATION FOR RENEWAL OF A TOXIC OR HAZARDOUS MATERIALS
STORAGE FACILITY PERMIT
DIVISION OF ENVIRONMENTAL HEALTH
NASSAU COUNTY DEPARTMENT OF HEALTH

FACILITY ID NUMBER : 000302

APPLICATION DUE : 08/01/1997

RECEIVED
JUN - 9 1997

NEW YORK STATE
TAX EXEMPT?
MUNICIPALITY
( ) YES (X) NO
IF YES, INDICATE
TAX EXEMPT NUMBER
AND ENCLOSE COPY
OF CERTIFICATE
(FORM ST-119.1)
CERTIFICATE
NUMBER:

UTILITY MFG. CO., IN
700 MAIN STREET
WESTBURY NY 11590

JUN 20 1997

FACILITY NAME FILITY MFG. CO., INC. ESTBURY NY 11590	STREET ADDRESS 700 MAIN STREET	FACILITY PHONE 516-997-6300
ONTACT PERSON DDIE KRANZ, PRESIDENT	CONTACT TITLE	CONTACT PHONE 516-997-6300
ACILITY OWNER FILITY MFG. CO., INC. ESTBURY NY 11590	STREET ADDRES 700 MAIN STREET	OWNER PHONE 516-997-6300
ROPERTY OWNER FILITY MFG. CO., INC. ESTBURY NY 11590	STREET ADDRESS 700 MAIN STREET	PROPERTY PHONE 516-997-6300
RMITTEE NAME FILITY MFG. CO., INC. ESTBURY NY 11590	STREET ADDRESS 700 MAIN STREET	PERMITTEE PHONE 516-997-6300

RMITTEE"S RELATIONSHIP X SAME OPERATOR OF FACILITY OTHER SPECIFY
O FACILITY OWNER

TANK/STORAGE		CAPACITY	STATUS	LOCATION	TYPE OF MATERIAL STORED
0005	TANK	2000	INSERVC	INABOVEG	PROPYLENE GLYCOL
0006	TANK	2000	INSERVC	INABOVEG	PROPYLENE GLYCOL
0007	TANK	250	INSERVC	INABOVEG	PROPYLENE GLYCOL
0008	TANK	550	INSERVC	INABOVEG	TETRACHLOROETHYLENE
0009	TANK	550	INSERVC	INABOVEG	TRICHLOROETHANE, 1,1,1-
0010	TANK	550	INSERVC	INABOVEG	NAPHTHA, VM&P (VARSOL,PETROLEUM SPIRITS
0011	TANK	550	INSERVC	INABOVEG	NAPHTHA, VM&P (VARSOL,PETROLEUM SPIRITS
0012	TANK	550	INSERVC	INABOVEG	OIL, LUBRICATING
0013	TANK	550	INSERVC	INABOVEG	MINERAL SPIRITS
0014	TANK	4000	INSERVC	INABOVEG	SODIUM HYDROXIDE

F THERE IS ANY TANK(S) OR STORAGE AREA(S), AT YOUR FACILITY WHICH ARE NOT LISTED
BOVE PLEASE PROVIDE US WITH THE FOLLOWING INFORMATION ABOUT EACH TANK OR AREA:
APACITY, LOCATION, TYPE OF MATERIAL STORED IN THE TANK OR AREA, AND THE STATUS
F THE TANK OR AREA.

HEREBY AFFIRM UNDER PENALTY OF PERJURY, THAT ALL THE INFORMATION PROVIDED ON
HIS FORM AND ON ANY ATTACHED FORMS, STATEMENTS AND EXHIBITS IS TRUE AND CORRECT
O THE BEST OF MY KNOWLEDGE AND BELIEF.

PRINT NAME	SIGNATURE	TITLE	DATE
EDDIE KRANZ		PRES	6 10 97

Holzmacher, McLendon & Murrell, P.C. • Holzmacher, McLendon & Murrell, Inc.
H2M Construction Management, Inc. • H2M Labs, Inc.

575 Broad Hollow Road, Melville, NY 11747-5076
(516) 756-8000 • Fax: (516) 694-4122

January 23, 1991

Ms. Terese Kinsley
Public Health Engineer
Bureau of Land Resources Management
Nassau County Department of Health
240 Old Country Road
Mineola, New York 11501-4250

Re: Utility Manufacturing Co., Inc.
Westbury, New York, Facility

Dear Ms. Kinsley:

As requested by the Nassau County Department of Health (NCDH), Utility Manufacturing performed groundwater sampling and analysis of an upgradient monitoring well and an on-site well to determine the relationship between on-site and off-site groundwater conditions. The two monitoring wells shown on Figure 1 were sampled for volatile organic compounds (EPA Method 601/602) on December 11, 1990.

Previously, only the upgradient well (MW-2) was sampled by Utility Manufacturing because the potential for significant sources of upgradient contamination exists. MW-2 was sampled on September 20, 1990, and concentrations of volatile organic compounds elevated above drinking water standards were quantified. These compounds included trichloroethene, trans-1,2-dichloroethene, 1,1-dichloroethane, 1,1,1-trichloroethane, tetrachloroethane and 1,1-dichloroethene.

These volatile compounds quantified upgradient are both primary and breakdown products and are the same compounds quantified on-site in the past in higher concentrations. Because of this relationship, it is probable that upgradient sources are a contributing factor to the on-site concentrations quantified. Therefore, the sampling of both the upgradient and on-site wells was proposed and conducted with NCDH approval.

The results of current analytical testing of the on-site and upgradient monitoring wells are tabulated below with analytical data sheets attached.

Parameter	MW-1 (On-Site)	MW-2 (Upgradient)
Vinyl Chloride	ND/16	ND/4
1,1-Dichloroethene	ND/28	ND/9
1,1-Dichloroethane	62/42	16/5
cis/trans-1,2-dichloroethene	120/57	21/13
1,1,1-Trichloroethane	93/82	43/34
Trichloroethene	5/7	ND/2
Tetrachloroethene	15/29	9/16 J1
Total Volatiles	295/261	89/83

All results in micrograms per liter (µg/L)
ND = Not detected
H2M/NCDH analytical results in split sampling

Based upon the current analytical data, it is evident that the on-site total volatile organic concentrations present at MW-1 have decreased substantially from 1105 to 295 µg/L in a little less than a year (since January 1990). Concentrations quantified at upgradient monitoring well No. 2 indicate a current volatile organic plume emanating towards the Utility Manufacturing site at an incoming concentration of 89 µg/L.

Although the groundwater underlying the northern portion of the Utility Manufacturing site has been impacted by volatile organics, the source of the contamination is not clear. The potential for significant sources of off-site upgradient contamination exists due to the location of the site within the New Cassel Industrial area. This area has been designated as an Inactive Hazardous Waste Site by NYSDEC because of known widespread contamination in groundwater due to volatile organics. Impact emanating from off-site is evident, as supported by the current upgradient concentrations of the same fingerprint contaminants identified on-site.

The potential source areas of volatile organic contamination present on-site in the sanitary system and stormwater drywells were satisfactorily remediated by Utility Manufacturing in fall 1989 and early 1990. These remedial activities involved the removal of contaminated liquids and sediments from the sanitary and drywell systems. These remedial activities were conducted to

the satisfaction of the NCDH and significant reductions in contaminant levels were reported during subsequent verification sampling conducted at the facility.

In summary, this round of groundwater sampling indicates that elevated concentrations of the same fingerprint volatile organic compounds quantified in higher concentrations on-site exist upgradient of the Utility Manufacturing site. On this basis, a contributory relationship exists between incoming contaminant concentrations and on-site organic levels. The location of the site within the New Cassel Industrial Area, an area of known volatile organic contamination, is a significant factor. On-site concentrations of organic compounds quantified in MW-1 indicate a significant reduction in a little less than a year. This reduction implies a removal of continuing source areas of volatile organic contamination, either on-site or off-site.

With respect to the above information, H2M recommends periodic continued monitoring of upgradient and on-site wells to provide more information on the relationship between on-site and off-site groundwater quality and changes over time.

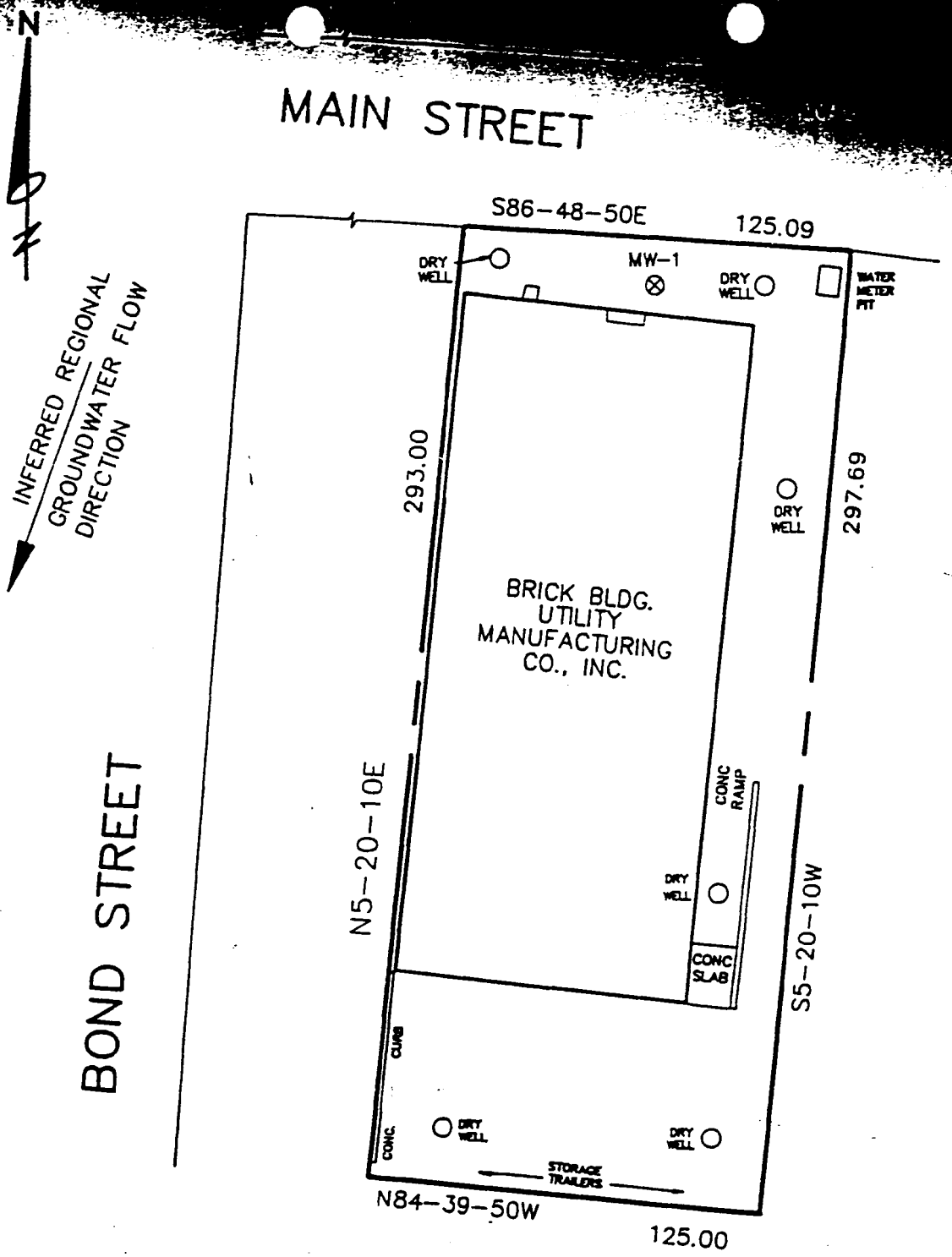
If you have any questions or comments, please feel free to contact this office.

Very truly yours,

HOLZMACHER, McLENDON & MURRELL, P.C.

Jill S. Haimson, CGWP

JSH/SFB:mad
cc: Audie Kranz, Utility Manufacturing



MONITORING WELL LOCATIONS

UTILITY MANUFACTURING

LEGEND

⊗ EXISTING MONITORING WELL

SCALE: 1"=50'

UTMF-8801

H2MGROUP ENGINEERS • ARCHITECTS • PLANNERS • SCIENTISTS • SURVEYORS

MELVILLE, N.Y. FAIRFIELD, N.J.

Holzmacher,
Engineers, Architects, Scientists, Planners, Surveyors

575 Broad Hollow Road, Melville, N.Y. 11747-5076
(516) 756-8000 • (201) 575-5400
FAX: 516-694-4122

October 23, 1990

Angela B. Pettinelli
Public Health Engineer
Bureau of Land Resources Management
Nassau County Department of Health
240 Old Country Road
Mineola, New York 11501-4250

Re: Utility Manufacturing Co., Inc.
Westbury, New York facility

Dear Ms. Pettinelli:

As required by the Nassau County Department of Health (NCDOH), Utility Manufacturing Co., Inc. has installed a monitoring well upgradient of their facility located in Westbury, New York as seen in the attached figure. The well was sampled on September 20, 1990 for volatile organic compounds according to EPA Method 601/602.

As discussed in our previous meetings, Utility Manufacturing has conducted extensive remedial activities involving the removal of contaminated liquids and sediments from on-site sanitary and stormwater disposal systems in Fall, 1989 and early 1990. These remedial activities were conducted to the satisfaction of the NCDOH and significant reduction in contaminant levels were verified at the facility.

In January 1990, a monitoring well was installed in close proximity to the on-site sanitary system to determine groundwater quality. The following volatile organic compound were quantified: 1,1-Dichloroethene, 1,1-Dichloroethane, Trichloroethene, 1,1,1 - Trichloroethane, cis/trans-1,2 - Dichloroethene and Tetrachloroethene at a total volatile organic concentration of approximately 1.1 part per million (ppm).

Because of the location of the site, adjacent to an area known as the New Cassel Industrial Area which has been designated an Inactive Hazardous Waste Class 2A site, the potential for significant sources of upgradient volatile organic contamination exists. This was the purpose of initially installing an upgradient monitoring well, to determine the impact, if any from upgradient off-site sources. Additionally, a freedom of information search was conducted to determine the potential for releases to have occurred upgradient and adjacent to the Utility Manufacturing facility.

The sampling of the upgradient off-site monitoring well installed, reported low level concentrations of the same volatile organic compounds quantified on-site. The results of analytical testing are tabulated below with analytical data sheets attached.

PARAMETER	H2M LABS CONCENTRATION (ug/l)	NCDOH CONCENTRATION (ug/l)
Trichloroethene	-	3
Trans-1,2-Dichloroethene	9	5
1,1-Dichloroethane	6	5
1,1,1-Trichloroethane	13	20
Tetrachloroethene	4	6
1,1,-Dichloroethene	-	5
Total Volatiles:	32	44

These volatile organic compounds quantified upgradient are both primary and breakdown products and are the same compounds quantified on-site in higher concentrations. Because of this relationship, it is probable that upgradient sources may be a contributing factor to on-site concentrations quantified.

The freedom of information search performed, revealed that many of the upgradient and surrounding facilities use the primary volatile organic compounds as degreasing agents.

On this basis, Utility Manufacturing proposes to continue monitoring the upgradient well and the on-site well to determine if there is a relationship between on and off-site groundwater conditions and to monitor changes in groundwater quality over time.

If you have any questions, please feel free to call this office.

Very truly yours,

HOLZMACHER, McLENDON & MURRELL, P.C.

Jill S. Haimson

Jill S. Haimson, CGWP
Project Manager
JSH:cmc
cc: Audie Kranz, Utility Manufacturing

July 25, 1990

Angela Pettinelli
Public Health Engineer
Nassau County Department of Health
Bureau Of Land Resources Management
240 Old Country Road
Mineola, New York 11501

Re: Utility Manufacturing Co., Inc. Westbury, New York

Dear Ms. Pettinelli:

As discussed at our meeting on July 12, 1990, Utility Manufacturing Co. was to develop data on groundwater quality upgradient of their Westbury, New York facility. H2M Group, on behalf of Utility Manufacturing, attempted to identify an existing suitable upgradient monitoring well by contacting appropriate county, state and federal agencies involved in monitoring well installation in this area of Long Island.

The closest upgradient monitoring well is located approximately 955' away from the Utility site. This well was considered too far away to use for upgradient water quality purposes. In lieu of utilizing an existing well, Utility proposes to install an upgradient well in the Town of North Hempstead Right-of-Way of Main Street, located to the north of their facility. A location map of the proposed site for this well is attached. The well will be constructed of 4 inch PVC casing according to New York State Department of Environmental Conservation (NYSDEC) guidelines for monitoring wells in unconsolidated formations. A permit to drill in the Right-of-Way has been applied for and will take a couple of weeks to process.

H2M will notify you of the receipt of the Town permit to drill. Upon receipt of this permit, H2M will schedule the drilling of this well with proper notification to the Nassau County Department of Health. After installation, the monitoring well will be sampled for volatile organic compounds according to EPA method 601/602 non-CLP. H2M will also provide notification to the county prior to sampling.

Please feel free to call this office if you have any questions.

Very truly yours,

HOLZMACHER, McLENDON & MURRELL, P.C.

Jill S. Haimson, CGWP
Project Manager
cc: Audie Kranz

NASSAU COUNTY
DEPARTMENT OF HEALTH
240 OLD COUNTRY ROAD, MINEOLA, N.Y. 11501-4250

May 18, 1990

Holzmacher, McLendon & Murrell, P.C.
575 Broad Hollow Road
Melville, N.Y. 11747-5076

Attn: Mr. Michael Tumulty, P.E.

Re: UTILITY MANUFACTURING CO., INC.

Dear Mr. Tumulty:

This Department has technically reviewed your submission dated April 19, 1990 and has determined that further investigation is necessary at the above referenced site.

This decision was based on the following facts:

1. The liquid and sediment samples collected from the sanitary disposal system on November 9, 1988 confirmed the presence of elevated levels of volatile and semi-volatile organic contaminants.

2. The soil samples collected from the soil boring investigations on April 17 & 18, 1989 confirmed the presence of volatile organic compounds.

3. The groundwater sample collected from the monitoring well on January 16, 1990 indicates the presence of volatile organics which exceed both New York State Department of Health and USEPA Drinking Water Standards.

It is required that your office prepare and submit a work plan that will discuss investigatory measures to define the plume of contamination. Included, should be a proposed location for the installation of an upgradient monitoring well. This well will serve to disclose upgradient water quality. The right of way, north of the property, is a suggested location for placement of this well.

Engineers, Architects, Scientists, Planners, Surveyors

575 Broad Hollow Road, Melville, N.Y. 11747-5076
(516) 756-8000 • (201) 575-5400
FAX: 516-694-4122

June 8, 1990

Angela Pettinelli
Public Health Engineer
Nassau County Department of Health
Bureau of Land Resources Management
240 Old Country Road
Mineola, New York 11501

Re: Utility Manufacturing Co., Inc.
Westbury, New York
Project No. UTMF 89-01

Dear Ms. Pettinelli:

In response to the Nassau County Department of Health (NCDOH) letter dated May 18, 1990, Utility Manufacturing Co., Inc. proposes to generate additional information on upgradient groundwater quality prior to conducting further investigation. The property located to the north of the Utility site is now owned by Easy M Company. They have agreed to allow Utility to sample an on-site monitoring well. This will allow a definition of the upgradient extent of the plume of volatile organic contamination identified on-site at the northern portion of the Utility facility.

H2M is scheduled to sample this well on June 15, 1990. It is requested that NCDOH be present to split samples at this monitoring location to verify results. The groundwater sample will be submitted for volatile organic analysis (EPA method 624 non-CLP). A field blank sample will also be submitted for laboratory analysis.

A letter report will be generated comparing the analytical results of the upgradient well to water quality quantified on-site at Utility. At that time, a recommendation regarding the requirement for further investigation will be made, if necessary.

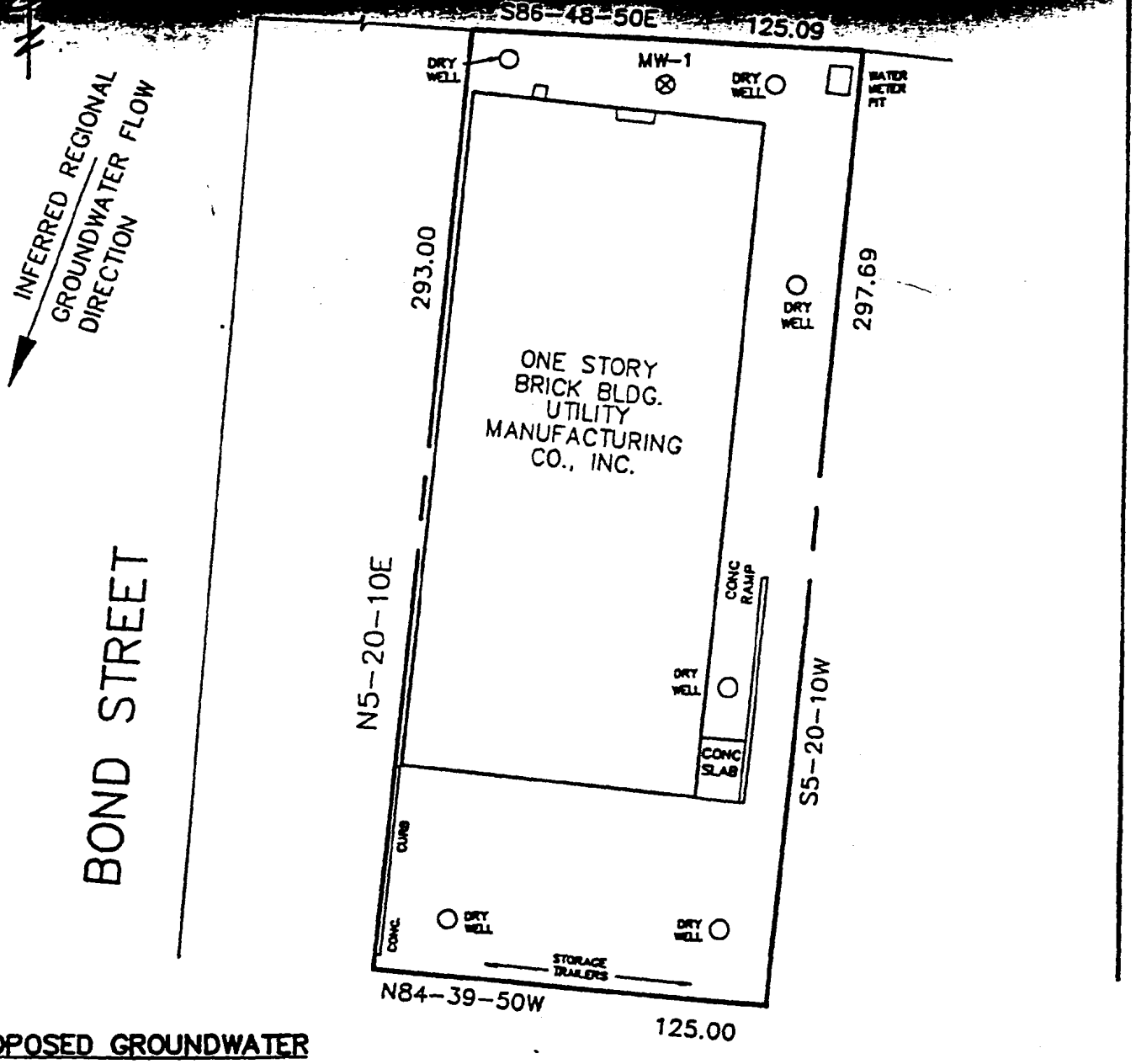
If you have any questions, please call this office.

Very truly yours,

HOLZMACHER, McLENDON & MURRELL, P.C.

Jill Haimson, CGWP
Senior Hydrogeologist

cc: Audie Kranz, Utility



PROPOSED GROUNDWATER MONITORING WELL LOCATION

UTILITY MANUFACTURING

SCALE: 1"=50'

LEGEND

MW ● PROPOSED MONITORING WELL

⊗ EXISTING MONITORING WELL

NASSAU COUNTY
DEPARTMENT OF HEALTH
240 OLD COUNTRY ROAD, MINEOLA, N.Y. 11501-4250

May 18, 1990

Holzmacher, McLendon & Murrell, P.C.
575 Broad Hollow Road
Melville, N.Y. 11747-5076

Attn: Mr. Michael Tumulty, P.E.

Re: UTILITY MANUFACTURING CO., INC.

Dear Mr. Tumulty:

This Department has technically reviewed your submission dated April 19, 1990 and has determined that further investigation is necessary at the above referenced site.

This decision was based on the following facts:

1. The liquid and sediment samples collected from the sanitary disposal system on November 9, 1988 confirmed the presence of elevated levels of volatile and semi-volatile organic contaminants.

2. The soil samples collected from the soil boring investigations on April 17 & 18, 1989 confirmed the presence of volatile organic compounds.

3. The groundwater sample collected from the monitoring well on January 16, 1990 indicates the presence of volatile organics which exceed both New York State Department of Health and USEPA Drinking Water Standards.

It is required that your office prepare and submit a work plan that will discuss investigatory measures to define the plume of contamination. Included, should be a proposed location for the installation of an upgradient monitoring well. This well will serve to disclose upgradient water quality. The right of way, north of the property, is a suggested location for placement of this well.

[redacted]

Please review and respond to this letter by June 11, 1990.

Should you have any questions please contact me at 535-3314.

Very truly yours,

Angela B. Pettinelli

Angela B. Pettinelli
Public Health Engineer
Bureau of Land Resources Management

ABP:ah

cc: Mr. Andie Kranz, Executive V.P.
Utility Manufacturing Co., Inc.

Mr. Ted Sanford, P.E.
N.Y.S.D.E.C.

...DOWLING, M.D., M.P.
COMMISSIONER

STANLEY JUCZAK, P.E., M.C.E.
DIRECTOR
CENTER FOR ENVIRONMENTAL PROT...

NASSAU COUNTY
DEPARTMENT OF HEALTH
240 OLD COUNTRY ROAD, MINEOLA, N.Y. 11501-4250

May 18, 1990

Holzmacher, McLendon and Murrell, P.C.
575 Broad Hollow Road
Melville, New York 11747-5076

Attn: Ms. Sui Y. Leong

Re: UTILITY MANUFACTURING CO., INC.
WESTBURY, NEW YORK

Dear Ms. Leong:

This is in response to your letter dated April 16, 1990 regarding the above referenced facility.

Due to the fact that this site must continue the investigation in order to define the plume of contamination, this Department does not consider the overall remediation of the site on-site sanitary disposal system to be completed.

Should you have any questions please contact me at 535-3314.

Very truly yours,

Angela B. Pettinelli

Angela B. Pettinelli
Public Health Engineer
Bureau of Land Resources Management

ABP:ah

cc: Mr. Andie Kranz, Executive V.P.
Utility Manufacturing Co., Inc.

Mr. Ted Sanford, P.E.
N.Y.S.D.E.C.

Please review and respond to this letter by June 11, 1990.

Should you have any questions please contact me at 535-3314.

Very truly yours,

Angela B. Pettinelli

Angela B. Pettinelli
Public Health Engineer
Bureau of Land Resources Management

ABP:ah

cc: Mr. Andie Kranz, Executive V.P.
Utility Manufacturing Co., Inc.

Mr. Ted Sanford, P.E.
N.Y.S.D.E.C.

Holzmacher, McLendon and Murrell, Inc. • H2M Labs, Inc.
Engineers, Architects, Scientists, Planners, Surveyors
575 Broad Hollow Road, Melville, N.Y. 11747-5076
(516) 756-8000 • (201) 575-5400
FAX: 516-694-4122

April 16, 1990

Ms. Angela Pettinelli
Nassau County Department of
Health
240 Old Country Road
Mineola, New York 11501

Re: Utility Manufacturing Co., Inc.
Drywell Sample

Dear Ms. Pettinelli:

The purpose of this letter is to present to your office the analytical result of a drywell sample collected on March 20, 1990 from the above-referenced facility. The sample was collected from Drywell No. 6 after a post-remediation soil sample (collected on October 16, 1989) showed levels of trichloroethylene at 1.7 mg/kg. Resampling of this drywell was requested by your office with a split sample provided to NCDOH.

Analytical data from the recent drywell sample did not show the presence of any volatile organic compounds at the method detection limit. Based on the attached analytical data and previously submitted confirmatory sample data, we consider the overall remediation of Utility Manufacturing's on-site leaching pools to have been satisfactorily completed.

If you have any questions or comments, please call or write this office.

Very truly yours,

HOLZMACHER, McLENDON & MURRELL, P.C.

Sui Leong

Sui Y. Leong

SYL/cdr

cc: Audie Kranz/Utility Manufacturing Co., Inc.

Feb/90

Spoke with Sin Leong regarding 1/90 report I stated that drywell #6 indicated significant contamination ~~and~~ Sue requested that it be resampled a split with NCHH to confirm results. Sample scheduled for collection 3/90.

Angela Pettinelli

SAMPLE NOTES

SITE: Utility Mfg

ADDRESS 706 Main St

Westbury

1/16/90

PAGE 1 of

WEATHER

wind < 10 K

source description	sample description	intended analysis	comments
#1 At source of contamination depth 58'. depth to H_2O 45.6' all located in front parking lot	Silty H_2O	Purge	

[redacted]

COMMENTS

12/28/01 On this date at 09:10 I arrived on site to observe a monitoring well installation and a soil coreing. Off that time I met with H2M's Mike Tumultti and Lisa McEvoy.

Due to equipment problems the Soil Mechanics drillers didn't start until 11:00. They began with MW-1 located 8' in front of the building and 5' west of the door.

At 20' the sand became wet and caked easily. At 28' the sand was a wet slurry and remained totally saturated to the 58' deep bottom. The H-Nu didn't register any VOCs but it wasn't working properly showing at 0 on standby but 6-7 PPM on the 0-20 scale. It seamed to have jumped less than 1 PPM once.

After Consultation with Mike Tumultti by phone Lisa McEvoy decided to install the well at approximately 60'. The decision was relayed to Angela Petinelli by phone. See the reverse side of this sheet for the well construction diagram.

After the well was in a 5'-7' split spoon boring was taken in the driveway. As instructed I observed the sampling but didn't take splits.

Peter T. Paul

THOMAS S. GULOTTA
COUNTY EXECUTIVE

FRANCIS V. PADAR, P.E., M.C.E.
DEPUTY COMMISSIONER
DIVISION OF ENVIRONMENTAL HEALTH

NASSAU COUNTY
DEPARTMENT OF HEALTH
240 OLD COUNTRY ROAD
MINEOLA, NEW YORK 11501

May 9, 1988

CERTIFIED MAIL
Audie M. Kranz
President
Utility Manufacturing Co., Inc.
700-712 Main Street
Westbury, N.Y. 11590

Re: Contaminated Sanitary
Disposal System at
Utility Manufacturing Co., Westbury

Dear Mr. Kranz:

On April 4, 1988 a representative of this Department collected a sample of liquid from an underground sanitary system on your property. The results of analysis (copy attached) indicate the liquid to be contaminated with halogenated and aromatic hydrocarbons. (See Table I attached).

The presence of these hazardous materials represents a violation of Article XI of the Nassau County Public Health Ordinance (NCPHO) and Articles 17 and 27 of the Environmental Conservation law (ECL) of the State of New York as follows:

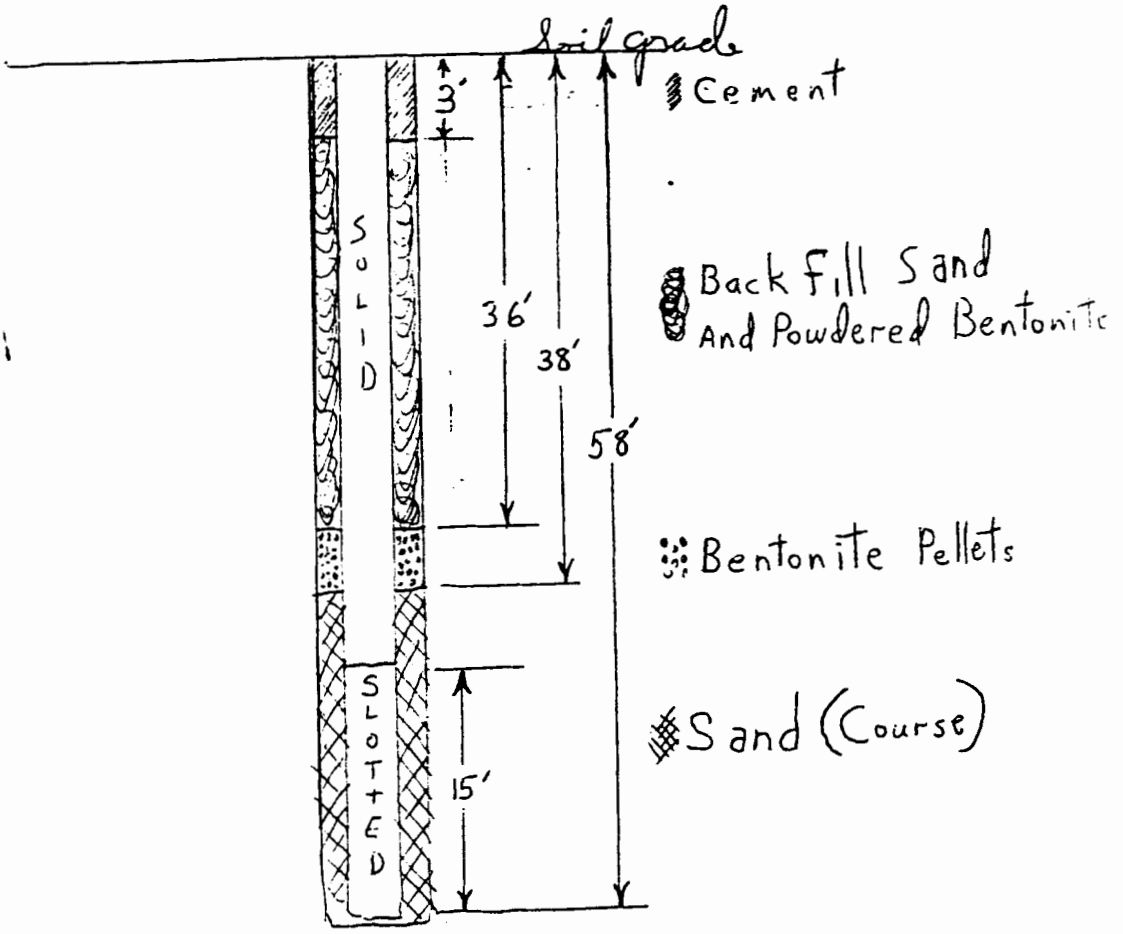
ECL - Article 17, Section 17-0501 and 17-0505
- Discharging industrial wastes without a permit

ECL - Article 27 and 6NYCRR, (New York Codes Rules and Regulations)
- Section 353-1.2
- Operating a hazardous waste management facility without permit

NCPHO - Section 5 a -
- Discharging toxic or hazardous materials or wastes without a permit

NCPHO - Section 6 a -
- Operating a toxic or hazardous wastes storage facility without a permit

Consequently, you are required to perform the following work in order to remediate the problem:



Water Level Stabalized at approx 48' below grade.

Table I Results of NCDH analysis of liquids collected at Utility Manufacturing Co., Inc., Westbury on April 4, 1988

parameter	concentration	
iron	3.10	mg/l
lead	0.13	"
methylene chloride	21	ug/l
c-1,2-dichloroethylene	120	"
1,1-dichloroethane	88	"
1,1,1-trichloroethane	330	"
trichloroethylene	210	"
1,1,2-trichloroethane	2	"
tetrachloroethylene	32,000	"
benzene	6	"
toluene	300	"
ethylbenzene	790	"
xylene	590	"

* additional compounds detected by GC/MS analysis - see sample result sheets

TRACE ORGANICS

Access Number: 880267
Source: UTILITY CORP., MAIN ST., WESTBURY
Matrix: WATER
Site: CESSPOOL, FRONT OF BUILDING
Date Sampled: 04/04/88
Date of Report: 04/21/88

VOLATILE HALOGENATED	MRC (ug/l)		RESULT (ug/l)
TRICHLOROFLUOROMETHANE	NA	------	NA
METHYLENE CHLORIDE			
1,1-DICHLOROETHYLENE			
1,1,2-TRICHLOROTRIFLUOROETHANE	8	------	21
c & t-1,2-DICHLOROETHYLENE	9	------	120
1,1-DICHLOROETHANE	5	------	88
CHLOROFORM	1	------	< 1
1,1,1-TRICHLOROETHANE	1	------	330
CARBON TETRACHLORIDE	1	------	< 1
TRICHLOROETHYLENE	1	------	210
BROMODICHLOROMETHANE	1	------	< 1
c-1,3-DICHLOROPROPENE			
DIBROMOCHLOROMETHANE	1	------	< 1
1,1,2-TRICHLOROETHANE	2	------	3
1,2-DIBROMOETHANE	NA	------	NA
TETRACHLOROETHYLENE	1	------	32000
BROMOFORM	1	------	< 1

VOLATILE AROMATICS	MRC (ug/l)		RESULT (ug/l)
BENZENE	3	------	6
TOLUENE	3	------	300
CHLOROBENZENE	3	------	NR
ETHYLBENZENE	6	------	790
XYLENE (o,m,p)	8	------	590
DICHLOROBENZENE (o,m,p)	30	------	NR

MRC - MINIMUM REPORTABLE CONCENTRATION NA - NOT ANALYZED
NR - NO RESULT DUE TO TECHNICAL REASONS - RESAMPLE SUGGESTED
PPB: AIR - nl/l WATER - ug/l SOIL - ng/g

DETECTED BY GC/MS

CH_2CL_2
$CH_3CH_2CCL_3$
C-$CHCLCHCL$
CH_3CCL_3
$CHCL_2CCL_3$
CCL_2CCL_2

$C_7 - C_{11}$ HYDROCARBONS
CHLOROTOLUENE

NASSAU COUNTY
DEPARTMENT of HEALTH

TOXIC OR HAZARDOUS MATERIALS STORAGE FACILITY PERMIT

Facility Number	Type of Permit	Date Issued	Date Modified	Expiration Date
000302	☒ Operation ☐ Construction	08/01/87	08/01/87	08/01/92

Name of Permittee	Address of Permittee
UTILITY MFG. CO., INC.	700 MAIN STREET WESTBURY NY

GENERAL CONDITIONS

1. By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with Article XI, Nassau County Public Health Ordinance.
2. All work carried out under this permit shall conform to the approved plans and specifications. Any amendments must be approved by the Nassau County Department of Health prior to their implementation. The permittee shall notify the Health Department 48 hours in advance of the start of construction.
3. As a condition of the issuance of this permit, the applicant has accepted expressly, by the execution of the application, the full legal responsibility for all damages direct or indirect, of whatever nature, and by whomever suffered, arising out of the project described herein and has agreed to defend, indemnify and save harmless the County from suits, actions, damages and costs of every name and description resulting from the said project.

Name of Facility:
UTILITY MFG. CO., INC.

Mailing Address:
700 MAIN STREET
WESTBURY NY 11590-

THIS FACILITY CONSISTS OF STORAGE AREAS AS LISTED ON PLANS AND APPLICATIONS FILED WITH THIS DEPARTMENT

Tank/Storage Area Number	Capacity	Type of Toxic or Hazardous Material Stored
0001	10000	MULTIPLE CHEMICALS STORED
0001	11000	MULTIPLE CHEMICALS STORED
0003	2000	SODIUM SILICATE
0004	2000	SODIUM SILICATE
0005	2000	PROPYLENE GLYCOL
0006	2000	PROPYLENE GLYCOL
0007	250	PROPYLENE GLYCOL
0008	550	TETRACHLOROETHYLENE
0009	550	TRICHLOROETHANE, 1,1,1-
0010	550	NAPHTHA, VM&P (VARSOL,PETROLEUM SPIRITS)
0011	550	NAPHTHA, VM&P (VARSOL,PETROLEUM SPIRITS)
0012	550	OIL, LUBRICATING

CONTINUED

Authorizing Officer | John J. Dowling, M.D., M.P.H. Commissioner of Health

EH 768 9/86

THIS PERMIT MUST BE POSTED IN A CONSPICUOUS PLACE AT THE FACILITY

NASSAU COUNTY

TOXIC OR HAZARDOUS MATERIALS STORAGE FACILITY PERMIT

Facility Number	Type of Permit	Date Issued	Date Modified	Expiration Date
000302	☒ Operation ☐ Construction	08/01/87	08/01/87	08/01/92

Name of Permittee	Address of Permittee
UTILITY MFG. CO., INC.	700 MAIN STREET WESTBURY NY

GENERAL CONDITIONS

1. By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with Article XI, Nassau County Public Health Ordinance.
2. All work carried out under this permit shall conform to the approved plans and specifications. Any amendments must be approved by the Nassau County Department of Health prior to their implementation. The permittee shall notify the Health Department 48 hours in advance of the start of construction.
3. As a condition of the issuance of this permit, the applicant has accepted expressly, by the execution of the application, the full legal responsibility for all damages direct or indirect, of whatever nature, and by whomever suffered, arising out of the project described herein and has agreed to defend, indemnify and save harmless the County from suits, actions, damages and costs of every name and description resulting from the said project.

Name of Facility:
UTILITY MFG. CO., INC.

Mailing Address:
700 MAIN STREET
WESTBURY NY 11590-

THIS FACILITY CONSISTS OF STORAGE AREAS AS LISTED ON PLANS AND APPLICATIONS FILED WITH THIS DEPARTMENT

Tank/Storage Area Number	Capacity	Type of Toxic or Hazardous Material Stored
0013	550	MINERAL SPIRITS
0014	4000	SODIUM HYDROXIDE
0015	550	OIL, LUBRICATING
0016	550	OIL, LUBRICATING
0017	300	OIL, LUBRICATING
0018	300	OIL, LUBRICATING
0019	3500	SULPHURIC ACID
0020	275	OIL, LUBRICATING
0021	275	OIL, LUBRICATING
0022	275	OIL, LUBRICATING

Authorizing Officer	John J. Dowling, M.D., M.P.H. Commissioner of Health

EH 768 9/86

THIS PERMIT MUST BE POSTED IN A CONSPICUOUS PLACE AT THE FACILITY

NASSAU COUNTY DEPARTMENT OF HEALTH
DIVISION OF LABORATORIES AND RESEARCH
ENVIRONMENTAL HEALTH LABORATORIES

TRACE ORGANICS

Access Number: 501100
Source: UTILITY - 700 MAIN ST., WESTBURY DRYWELL VN-49
Matrix: WATER
Date Sampled: 04/22/85
Date of Report: 4 /26/85

VOLATILE HALOGENATED	MRC (ug/l)		RESULT (ug/l)
TRICHLOROFLUOROMETHANE	1		< 1
METHYLENE CHLORIDE			
1,1,2-TRICHLOROTRIFLUOROETHANE	-- 12		< 12
1,1-DICHLOROETHYLENE			
c & t-1,2-DICHLOROETHYLENE	10		< 10
1,1-DICHLOROETHANE	10		NA
CHLOROFORM	1		< 1
1,1,1-TRICHLOROETHANE	1		< 1
CARBON TETRACHLORIDE	1		< 1
TRICHLOROETHYLENE	1		< 1
BROMODICHLOROMETHANE	1		< 1
c-1,3-DICHLOROPROPENE			
DIBROMOCHLOROMETHANE	-- 1		< 1
1,1,2-TRICHLOROETHANE	2		< 2
1,2-DIBROMOETHANE	1		< 1
TETRACHLOROETHYLENE	1		< 1
BROMOFORM	1		< 1

VOLATILE AROMATICS	MRC (ug/l)		RESULT (ug/l)
BENZENE	3		< 3
TOLUENE	3		< 3
CHLOROBENZENE	3		< 3
ETHYLBENZENE	3		< 3
XYLENE (o,m,p)	4		< 4
DICHLOROBENZENE (o,m,p)	5		< 5

MRC - MINIMUM REPORTABLE CONCENTRATION NA - NOT ANALYZED
NR - NO RESULT DUE TO TECHNICAL PROBLEMS - PERMISSIBLE EXCEEDED
PPB: AIR - ng/l WATER - ug/l SOIL - ug/g