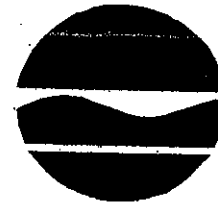


**APPENDIX B**

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**FOIL FILE REQUEST DOCUMENTATION**

New York State Department of Environmental Conservation  
Regional Administration  
Building 40 – SUNY, Stony Brook, New York 11790-2356  
Telephone (631) 444-0202 Fax (631) 444-0353



Erin M. Crotty  
Commissioner

**RECEIVED**

JAN 22 2004

Paulus Sokolowski & Sartor

January 16, 2004

Mr. John Pastorick  
67 Mountain Boulevard Extension  
Warren, NY 07059

FOIL Reference No.: 03-0884

Dear Mr. Pastorick:

Pursuant to your Freedom of Information Request, we do not have in our files the information you have requested regarding **Mollingaux Brothers Fuel Company, 73 Feally Avenue, Hempstead.**

Sincerely,

Nancy Pinamonti  
Freedom of Information

np

New York State Department of Environmental Conservation  
Regional Administration  
Building 40 – SUNY, Stony Brook, New York 11790-2356  
Telephone (631) 444-0202 Fax (631) 444-0353



Erin M. Crotty  
Commissioner

January 29, 2004

Mr. John Pastorick  
67 Mountain Boulevard  
Warren, NY 07059

**RECEIVED**

**FEB 06 2004**

FOIL Reference No. : 03-0883

Paulus Sokolowski & Sartor

Dear Mr. Pastorick:

Pursuant to your Freedom of Information request regarding Oswego Oil Corporation, 45 Intersection Street, Hempstead enclosed please find copies of available documents.

The total number of pages copied is **140**. Therefore, please make your check payable to the "New York State Department of Environmental Conservation" in the amount of **\$35.00**, add your request number to it, and remit it to Nancy Pinamonti, at the address above.

If you need anything further, please contact me at the number above.

Sincerely,

Nancy Pinamonti  
Freedom of Information

np

COUNTY OF NASSAU, NEW YORK  
FIRE MARSHAL

FLAMMABLE/COMBUSTIBLE LIQUID STORAGE TANK REGISTRATION

LOCATION 45 Intersection Street, Hempstead, N.Y.

ISSUED TO: NAME Oswego Oil Service Corp.

ADDRESS 45 Intersection Street, Hempstead, N.Y.

DATE ISSUED: April 6, 1983 REGISTRATION NUMBER OD 72-3

TANK NO.	SIZE	PRODUCT	DATE INSTALLED	DATE TESTED	CONSTRUCTION
1	25,000	Fuel Oil	Over 20 Years	3/31/83	Steel
2	20,000	Fuel Oil	Over 20 Years	3/31/83	Steel
3	20,000	Fuel Oil	Over 20 Years	3/31/83	Steel
4	1,000	Gasoline	Over 20 Years	12/3/82	Steel
5	1,000	Gasoline	Over 20 Years	12/6/82	Steel
6	20,000	Fuel Oil	Over 20 Years	12/3/82	Steel
7	20,000	Kerosene	5/10/74		Steel
8	20,000	Kerosene	5/10/74	6/3/82	Steel
9	9,700	Kerosene	Over 20 Years	5/4/82	Steel
				5/3/82	Steel

*[Signature]*  
ASSISTANT FIRE MARSHAL

**STATUS REPORT**

**JANUARY 1994**

**RECEIVED**

**JAN 13 1994**

**REG. 1  
OIL SPILLS**

**OSWEGO FUEL OIL  
45 INTERSECTION AVENUE  
HEMPSTEAD, NEW YORK  
SPILL #90-03084**

**PREPARED FOR:**

**OSWEGO FUEL OIL  
45 INTERSECTION AVENUE  
HEMPSTEAD, NEW YORK 11550**

**PREPARED BY:**

**TYREE BROTHERS ENVIRONMENTAL SERVICES, INC.  
208 ROUTE 109  
FARMINGDALE, NEW YORK 11735**

Member



**Tyree  
Environmental  
Technologies**

**STATUS REPORT**

**DECEMBER 1993**

**OSWEGO OIL TERMINAL  
45 INTERSECTION AVENUE  
HEMPSTEAD, N. Y. 11550  
SPILL #90-03084**

NYSDEC spill #90-03084 was issued to Oswego oil for the spill of approximately thirty (30) gallons of #2 fuel oil spilled by human error and affecting land resources.

This site is an active oil terminal located in Hempstead, New York. Currently there are five (5) 20,000 gallon and one (1) 25,000 gallon underground storage tanks in service. There are also two (2) 20,000 gallon above ground tanks on site. These seven (7) tanks are all piped together and all product is dispensed at the tank fill area. Additionally, there is a 10,000 gallon tank that was abandoned in place as well as two gasoline storage tanks that are not in service.

8 tanks

All oil that is pumped out of the terminal is pumped through a main tanker fill located on the southeast section of the property (see site map). The only petroleum products currently stored on site are fuel oil and kerosene. The catch basins in the tanker fill area are used to collect runoff and are piped to a distribution box. This distribution box is filled with bondtone. The bondtone will expand if exposed to petroleum products. This will seal off the release of petroleum products to the drywell and divert it to the 4,000 gallon tank to the south of the tanker fill area thus preventing any release of production the drywell. This system is permitted and tested regularly by the DEC (NY0206342) and has been in compliance.

Member

In the past, anomolous levels of contaminants detected through laboratory analysis of the upgradient wells promoted petroleum product ID analysis at regular intervals. The results of this has indicated that there is an upgradient source of contamination that the Oswego Oil monitoring wells are detecting. The two possible sources are the Hempstead Gas Plant site, located just north of Oswego Oil, and Mollineaux Brothers Fuel Oil, Inc., located to the west of Oswego Oil.

The Hempstead Gas Plant (HGP):

On June 9, 1981 the Long Island Lighting Company (LILCO), the current owners of the Hempstead Gas Plant contacted the United States Environmental Protection Agency in compliance to the CERCLA laws of 1980. At the time, LILCO notified the EPA that it believed that the sites did not come under CERCLIS or RCRA jurisdiction. On January 9, 1989, the USEPA added the Hempstead Gas Plant to the CERCLIS list (EPA ID#NYD986881829).

A final draft for the preliminary site assessment (PA) indicated a potential for soil contamination through facility process operations and an ash pit. The area of potentially contaminated soil includes the entire 7.56 acre site.

A list of the potential contaminants associated with the Hempstead Gas Plant include benzene, toluene, xylenes, phenols, pyrenes, and other organic compounds also found in heating oils.

The preliminary assessment also concluded that there is a potential for contaminant migration since the site has been demolished and there may be broken piping and the site is uncovered, and uncontained. The report also states that there is a potential for contaminants from the former waste units to migrate to groundwater. This is based on the absence of containment throughout the site.

The Hempstead Gas Plant (HGP) was constructed on the parcel of land just north of Oswego Oil. The HGP began product in 1859 and utilized the carburetor water process to produce gas. The plant ceased production in 1951, with a total operating life of eighty-seven (87) years.

Member

Carbureted water gas is the water gas process enriched with a thermally cracked hydrocarbon such as oil, natural or liquified petroleum gas. The hydrocarbons were added in a super heater/carburetor which was usually a checkered brick oven. The by products of the carbureted water gas reaction were ash, clinker, tar, pitch and light oil.

Ash, the residue remaining from the burning of off and hard coals, was generated in the steam producing portion of all gas plants up to about 1945, when the boilers were converted for liquid fuels. Since the HGP was in operation since 1859, it is assumed that the plant generated ash. An individual study on coal ash conducted by Oak Ridge National Laboratory exhibited individual hydrocarbon concentrations ranging from 66-816 parts per billion (ppb). The method of ash management at the HGP is unknown. If ash was stored on the native soils, then the ash storage area may be a possible point source of hydrocarbons into the groundwater.

Clinker was the residue remaining from the coke used in the water gas and carbureted water gas operations. Clinker has the appearance of a rough stony material and was often carted away to landfills. If this clinker was disposed of on the HGP property, this may also be a source of contamination.

An iron oxide sponge was used in all gas plants for the removal of hydrogen sulfides from the manufactured gas stream. The sponge was normal regenerated with air to reactivate the material but a significant amount of iron coated wood chips were generated. This filter media may have intercepted hydrocarbons from the carbureted water gas manufacturing operations. If the spent oxides were stored on native soils, a possible soil and/or groundwater contamination problem may exist.

Tar was also a bi-product of the gas manufacturing process. The tar was removed from the manufactured gas stream usually as an emulsion with water. It was initially stored in tar wells or containment tanks where the tar was removed. The water by product of this process probably contained high dissolved levels of volatile organic aromatics. The method of disposal of this waste water is unknown but may have been through injection wells. If this is the case, then there may be attributable soil and/or groundwater contamination beneath this site.

Member



Pitch or tar heavies have been generated by the HGP. In later years, the tar was processed for the paving purposes. This by-product was also sold for the manufacture of electrodes. The storage and disposal of the pitch at the HGP is unknown, so there is a potential of environmental contamination.

Drip oils or light oil residues were by-products from the carburation process. The oils were removed from the gas stream by using condensers and precipitators. Water and oils were collected and the water was separated from the oils. The collected oils were reused or sold. The discharge point of the water was unknown, but may have entered the soil through an injection well system. If this is the case, the contaminated soils and/or groundwater may be on site. Groundwater flow is toward Oswego Oil.

The other potential area for cross contamination is NYSDEC spill #87-07262, approximately 35 feet west of the Oswego monthly well #2.

#### Mollineaux Brothers, Inc.

NYSDEC spill #87-07262 was issued to Mollineaux Brothers, Inc. a retail distributor of home heating oils. This particular spill number was issued for a loss of 50 gallons of heating oil and affecting land resources.

It should be noted that the Mollineaux site is currently undergoing significant construction activity and soil tank removals. It should also be noted that the site is currently a gravel and dirt base, with fuel dispensing equipment and used heating oil tanks scattered about. There is a possibility that there may have been an undocumented release of hydrocarbons since the fueling equipment and tanks are unprotected on a public accessway (Sealy Avenue).

There are ten other upgradient sites that have released hydrocarbon to either land or groundwater with one-half mile of the Oswego Oil terminal (see spill list).

Member



Tyree  
Environmental  
Technologies

## Oswego Oil Terminal - Overall Progress:

Tyree Brothers Environmental Services, Inc. started monitoring and bailing activities in October of 1990, in response to a leaking valve on a four (4) inch pipeline running along the northwest property line, approximately halfway between the two 20 thousand gallon UST's and the two 20 thousand gallon AST's. The soils beneath the valve were removed prior to the commencement of monitoring and bailing activities.

Monitoring and bailing efforts since 1990 have recovered a total of two (2) gallons of product from the five monitoring wells. The quarterly (semi-annual) sampling activities have determined that there are unknown hydrocarbons in the upgradient wells early in this investigation. The concentrations have become more dispersed with later sampling events, leading to non-detect levels in the quarterly samplings.

The analysis trends of volatile organic aromatic compounds is complex. There is an overall decrease in VOA's in monitoring wells #1, 3, 4 and 5. Well #2 which is closest to the Mollineaux facility has had an increase in VOA's with time.

Depth to water for each well was recorded on October 4, 1993 using a sonic interface probe. No free-phase petroleum product was observed during the monitoring. Tabulated monitoring data is included in this report.

### SUMMARY:

1. There are eleven (11) upgradient active NYSDEC spill sites within one-half mile of Oswego Oil. One site is directly to the west of Oswego Oil and may be impacting the groundwater beneath the Oswego facility.
2. There is one (1) 7.8 acre CERCLIS site immediately upgradient of the subject site. The Hempstead Gas Plant has confirmed soil contamination. The site does have groundwater monitoring wells.
3. There has been no free floating petroleum product in any of the wells for more than a year.

Member

4. Closure of this spill is requested for the following reasons:

- a. The 30 gallons of fuel oil that had leaked out of the valve were remediated by soil excavation and bailing activities.
- b. High dissolved levels have remained even after there was no floating product remaining. Upgradient wells periodically showed the highest BTEX concentrations. BTEX levels in the westernmost well closest to Mollineaux are increasing with time.
- c. An upgradient plume is possibly emanating from the Hempstead Gas Plant which will make the NYSDEC cleanup goals unachievable for the groundwater beneath Oswego, since it extends under their property. The increasing dissolved levels in the western wells may be attributable to numerous undocumented spills on Sealy Avenue, associated with the Mollineau facility.
- d. Oswego Oil has remained in compliance with the requirements mandated by the NYSDEC for this spill and for its spill protection permit. Oswego will continue to utilize the on-site monitoring wells after this spill file is closed to insure that there are no more free product releases on to the groundwater on site.

Member



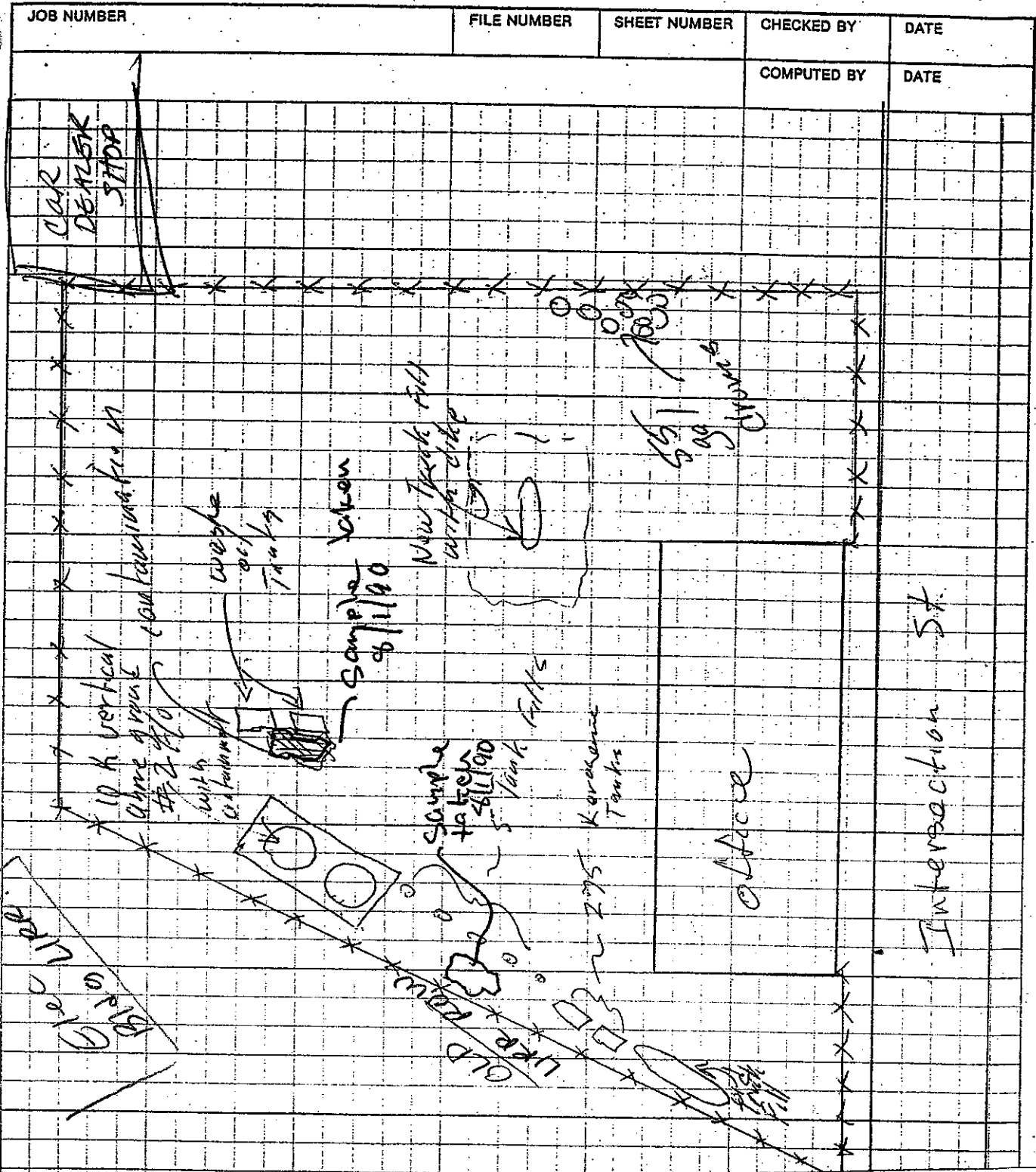
Tyree  
Environmental  
Technologies

**Table 1: NYSDEC Spill Log Information**

UPGRADIENT SPILLS WITHIN VICINITY OF OSWEGO OIL CORPORATION, 45 INTERSECTION AVE, HEMPSTEAD, NEW YORK

SPILL NUMBER	MATERIAL CLASS	CNTY	NAME ADDRESS	CAUSE	RESOURCE	ACTIVE (A) CLOSED (C)
91-08570	HAZ MATERIAL	UNKNOWN	625 SOUTH STREET	DELIBERATE	GROUNDWATER	ACTIVE
90-02695	GASOLINE	UNKNOWN	37 CATHEDRAL AVENUE	TANK TEST FAILURE	LAND	ACTIVE
90-04663	#2 FUEL OIL	UNKNOWN	1140 FRANKLIN AVENUE	TANK TEST FAILURE	GROUNDWATER	ACTIVE
90-09641	#4 FUEL OIL	UNKNOWN	22 HAMILTON PALCE	TANK TEST FAILURE	LAND	ACTIVE
90-11027	GASOLINE	UNKNOWN	1300 FRANKLIN AVENUE	TANK TEST FAILURE	GROUNDWATER	ACTIVE
86-06650	GASOLINE	UNKNOWN	NEW YORK TELEPHONE	TANK FAILURE	GROUNDWATER	ACTIVE
87-00281	GASOLINE	UNKNOWN	CHERRY VALLEY ROAD	TANK FAILURE	GROUNDWATER	ACTIVE
86-08055	#2 FUEL OIL	UNKNOWN	GARDEN CITY MAINT CTR, CHERRY AVENUE	TANK FAILURE	GROUNDWATER	ACTIVE
91-00472	#4 FUEL OIL	UNKNOWN	CATHEDRAL AVENUE	HUMAN ERROR	LAND	ACTIVE
90-03084	#2 FUEL OIL	30 GALLONS	45 INTERSECTION AVENUE	HUMAN ERROR	LAND	ACTIVE
87-07262	#2 FUEL OIL	50 GALLONS	INTERSECTION STREET & SEALY AVENUE	UNKNOWN	LAND	ACTIVE
88-02361	#2 FUEL OIL	UNKNOWN	20 WENDEL TERRACE (NON COM-INST)	TANK TEST FAILURE	GROUNDWATER	ACTIVE

PROJECT GRID



John Rhodes

PRESIDENT

Oswego Oil Service Corp.

45 INTERSECTION STREET  
HEMPSTEAD, N. Y. 11650  
516 486-3900

THE  
SEAR-BROWN  
GROUP

### Calculations:

Project: *Oswayo Oil  
Hempstead N.Y.  
Ground Water Contours*

Project No.

Date

by

sh

of

Date of Readings: *12-1-92*  
Datum for Elevations: *Assumed.*

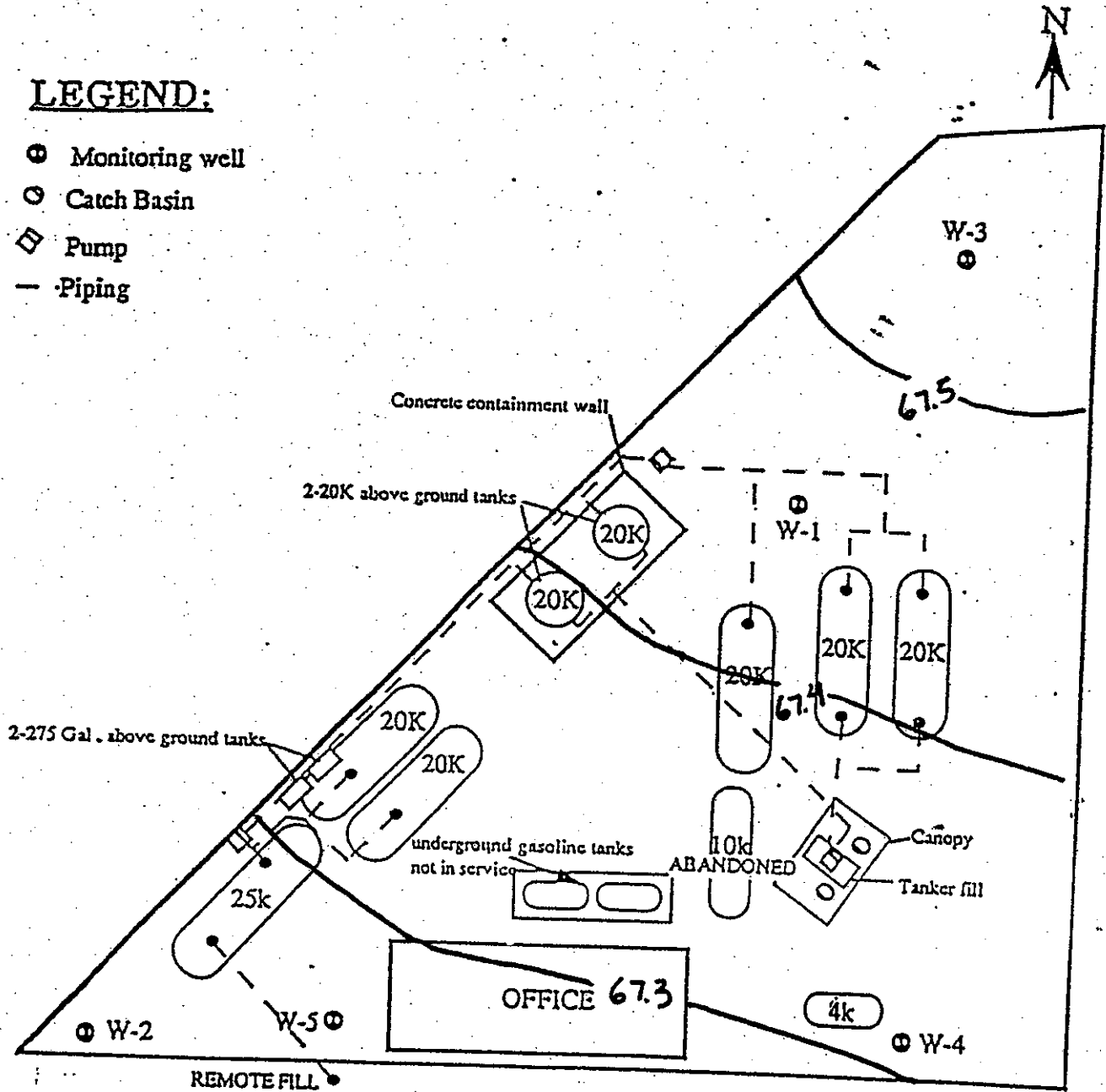
### LEGEND:

⊙ Monitoring well

○ Catch Basin

◇ Pump

— Piping



INTERSECTION STREET

THE  
SEAR-BROWN  
GROUP

Calculations:

Project: Oswego Oil  
Hempstead N.Y.  
Ground Water Contours

Project No.

Date

by

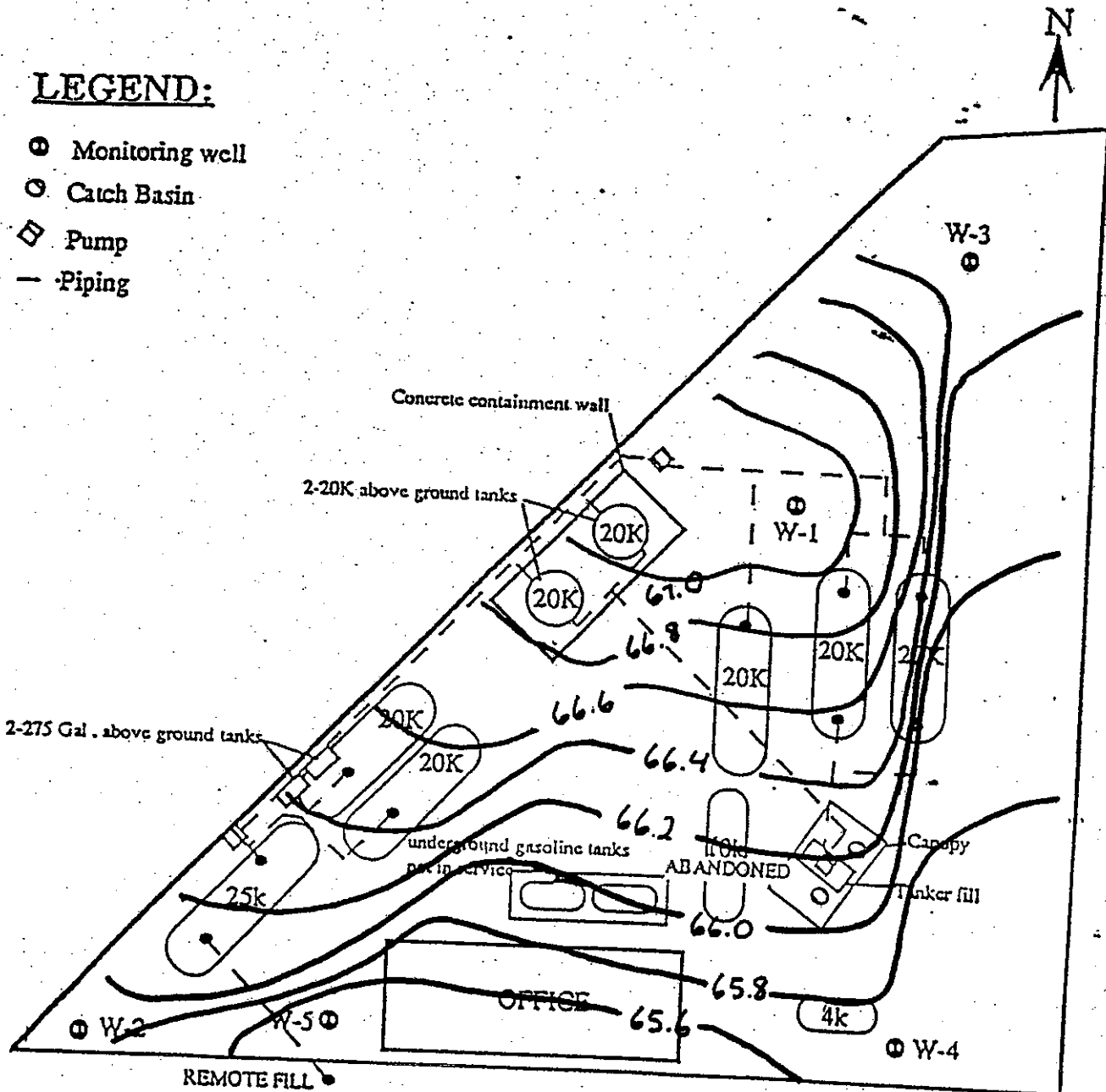
sh

of

Date of Readings: 11-3-92 2nd Test  
Datum for Elevations: Assumed.

LEGEND:

- ⊕ Monitoring well
- Catch Basin
- ◇ Pump
- - Piping



INTERSECTION STREET

**THE SEAR-BROWN GROUP**

**Calculations:**

Project: *Oswego Oil  
Hempstead N.Y.  
Ground Water Contours*

Project No.

Date

by

of

Date of Readings: *10-1-92*

Datum for Elevations: *Assumed.*

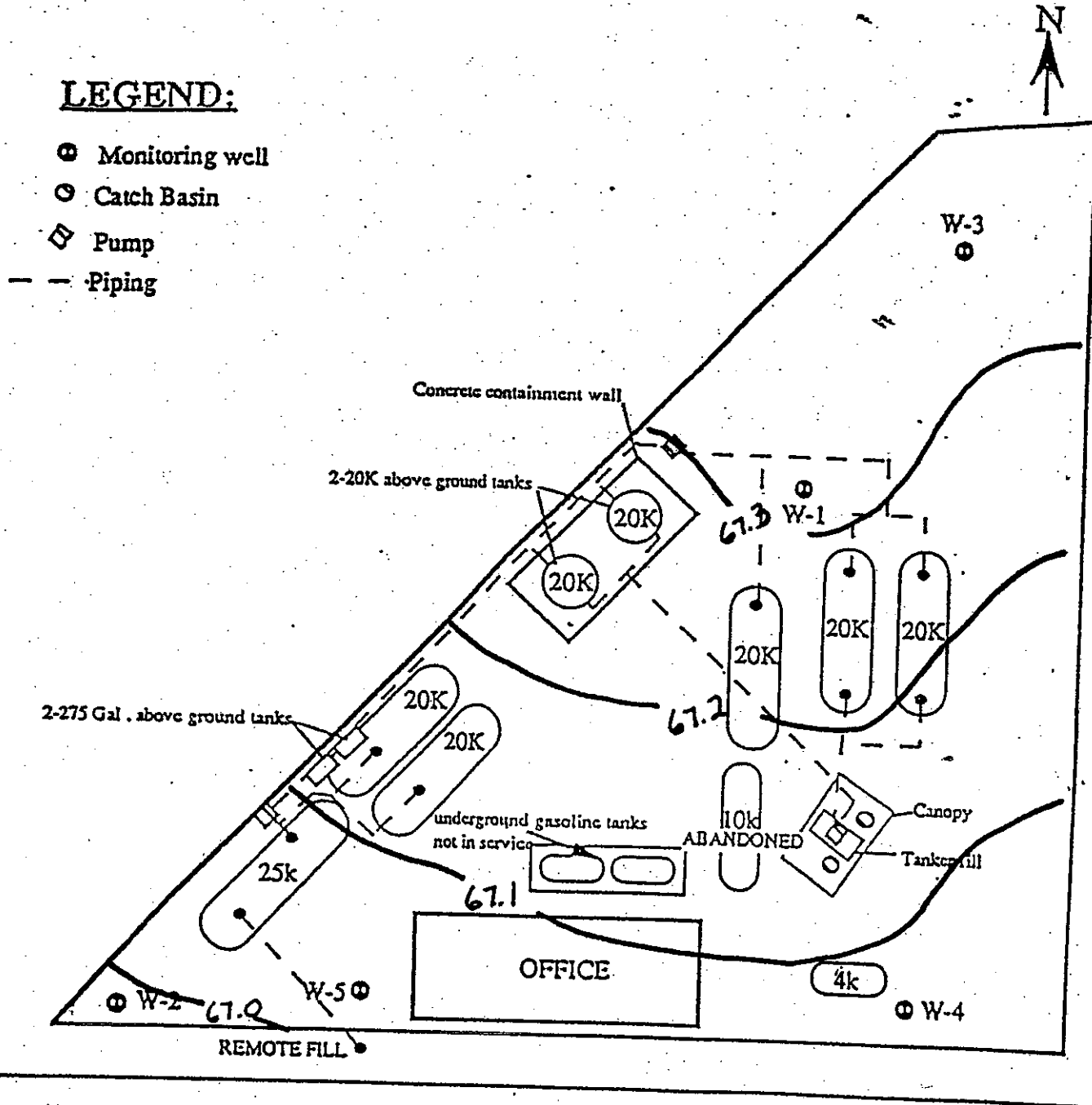
**LEGEND:**

⊙ Monitoring well

○ Catch Basin

◇ Pump

— Piping



INTERSECTION STREET

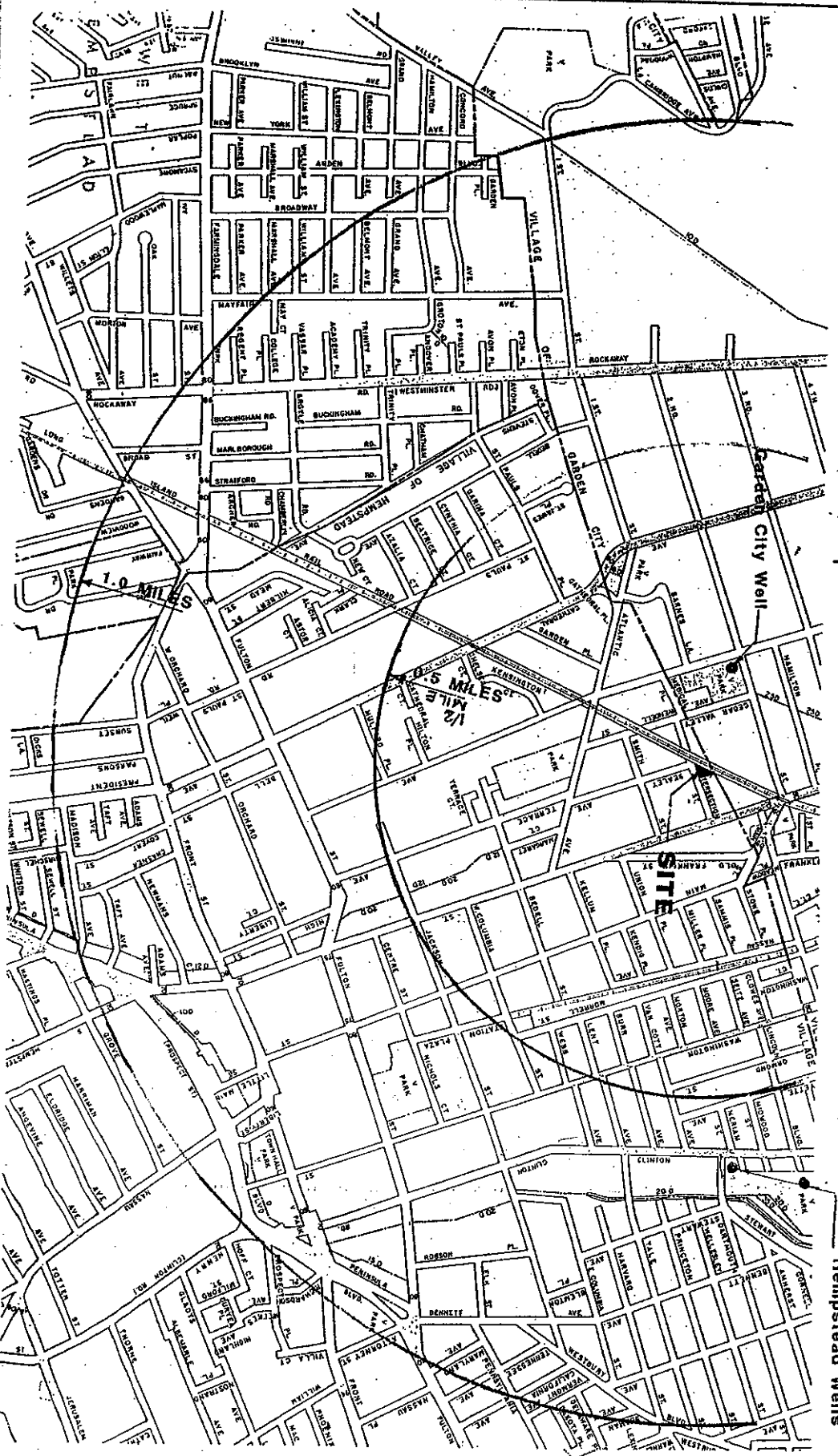


THE SEAR-BROWN GROUP

Scale 1" = 800'

Calculations:  
Project: Oswego Hempstead NY  
Sketch Map - Water Supply Wells

Project No. \_\_\_\_\_  
Date \_\_\_\_\_  
by \_\_\_\_\_  
of \_\_\_\_\_



ORIGINAL SIZE = 11x17

January 13, 1997

Mr. John Rhodes  
Oswego Oil  
45 Intersection Avenue  
Hempstead, New York 11550

Re: Oswego Oil  
45 Intersection Avenue  
Hempstead, New York  
NYSDEC Spill # 90-03084

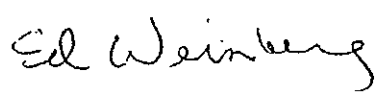
Dear Mr. Rhodes:

This letter is to inform you of the status of Spill Number 90-03084. The NYSDEC has removed the Oswego Oil site from its active petroleum spill listing, effective January 9, 1996. Therefore, NYSDEC requires no further investigation of the site at this time.

Should additional environmental problems be discovered at the site, the NYSDEC would require action at that time. The on-site monitoring wells could be used to ensure that there are no additional releases of free product to the groundwater on site.

If you have any questions regarding this matter, please contact me at (516) 249-3150, ext. 296.

Sincerely,



Ed Weinberg, P.E.  
Technical Services Manager

cc: J. Noonan, Sear-Brown Group

January 11, 1994

Oswego Oil Company  
45 Intersection Avenue  
Hempstead, New York

DEC - Haas  
444-0332

Attn: John Rhodes

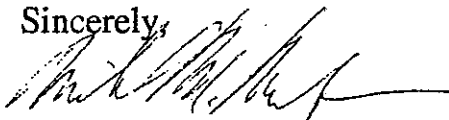
Re: NYSDEC Spill # 90-03084  
Premises

Dear Mr. Rhodes;

Enclosed please find the latest quarterly report for Oswego Oil. With this report, we have requested review of the spill file for closure, since there are other groundwater situations that may be giving us the high dissolved readings. I have taken the liberty to forward the complete EPA report on the Hempstead Gas Plant along with the report enclosed to Mr. Haas. I hope that the data presented to the DEC will be sufficient for a closure of this spill.

If you need any additional information, please do not hesitate to contact me.

Sincerely,



Michael M. Mulqueen  
Hydrogeologist/Project Manager

Encl.

~~cc: J. Noonan, Sear Brown Group~~

RECEIVED

JAN 24 1994

Member



Tyree  
Environmental  
Technologies

THE SEAR BROWN GROUP

January 11, 1994

NYSDEC  
SUNY - Building #40  
Stony Brook, New York 11790-2356  
Attn: Mr. Joe Haas

Re: Oswego Fuel Oil  
45 Intersection Avenue  
Hempstead, New York  
Spill #90-03084

Dear Mr. Haas:

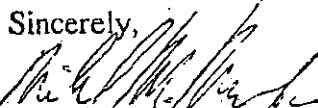
Enclosed please find the bi-monthly monitoring report, and investigation of other spills in the vicinity of the above referenced site. Included in this report is a description of the site's condition, possible off site sources of contamination and sampling data for October 1993. Please excuse the tardiness of this report due to the filing of FOIL requests with the USEPA.

At this time, we would like to request a review of this file for closure, for the following reasons:

1. No free floating product has been noted in over 18 months.
2. The properties to the north and west have environmental problems that are possibly affecting the groundwater quality beneath the Oswego site.

Please contact me at (516) 249-3150, extension 296, if you have any questions or require additional information.

Sincerely,

  
Michael M. Mulqueen  
Hydrogeologist/Project Manager

MMM/jmf  
Encl.

cc: J. Rhodes - Oswego Oil  
J. Noonan, Sear Brown

Member

**STATUS REPORT**

**JANUARY 1994**

**OSWEGO FUEL OIL  
45 INTERSECTION AVENUE  
HEMPSTEAD, NEW YORK  
SPILL #90-03084**


**PREPARED FOR:**

**OSWEGO FUEL OIL  
45 INTERSECTION AVENUE  
HEMPSTEAD, NEW YORK 11550**

**PREPARED BY:**

**TYREE BROTHERS ENVIRONMENTAL SERVICES, INC.  
208 ROUTE 109  
FARMINGDALE, NEW YORK 11735**

Member

 **Tyree  
Environmental  
Technologies**

STATUS REPORT

DECEMBER 1993

OSWEGO OIL TERMINAL  
45 INTERSECTION AVENUE  
HEMPSTEAD, N. Y. 11550  
SPILL #90-03084

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Member

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#### The Hempstead Gas Plant (HGP):

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The Hempstead Gas Plant (HGP) was constructed on the parcel of land just north of Oswego Oil. The HGP began product in 1859 and utilized the carburetor water process to produce gas. The plant ceased production in 1951, with a total operating life of eighty-seven (87) years.

Atty: [unclear]

Carbureted water gas is the water gas process enriched with a thermally cracked hydrocarbon such as oil, natural or liquified petroleum gas. The hydrocarbons were added in a super heater/carburetor which was usually a checkered brick oven. The by products of the carbureted water gas reaction were ash, clinker, tar, pitch and light oil.

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Member



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There are ten other upgradient sites that have released hydrocarbon to either land or groundwater with one-half mile of the Oswego Oil terminal (see spill list).

Member

## Oswego Oil Terminal - Overall Progress:

Tyree Brothers Environmental Services, Inc. started monitoring and bailing activities in October of 1990, in response to a leaking valve on a four (4) inch pipeline running along the northwest property line, approximately halfway between the two 20 thousand gallon UST's and the two 20 thousand gallon AST's. The soils beneath the valve were removed prior to the commencement of monitoring and bailing activities.

Monitoring and bailing efforts since 1990 have recovered a total of two (2) gallons of product from the five monitoring wells. The quarterly (semi-annual) sampling activities have determined that there are unknown hydrocarbons in the upgradient wells early in this investigation. The concentrations have become more dispersed with later sampling events, leading to non-detect levels in the quarterly samplings.

The analysis trends of volatile organic aromatic compounds is complex. There is an overall decrease in VOA's in monitoring wells #1, 3, 4 and 5. Well #2 which is closest to the Mollineaux facility has had an increase in VOA's with time.

Depth to water for each well was recorded on October 4, 1993 using a sonic interface probe. No free-phase petroleum product was observed during the monitoring. Tabulated monitoring data is included in this report.

### SUMMARY:

1. There are eleven (11) upgradient active NYSDEC spill sites within one-half mile of Oswego Oil. One site is directly to the west of Oswego Oil and may be impacting the groundwater beneath the Oswego facility.
2. There is one (1) 7.8 acre CERCLIS site immediately upgradient of the subject site. The Hempstead Gas Plant has confirmed soil contamination. The site does have groundwater monitoring wells.
3. There has been no free floating petroleum product in any of the wells for more than a year.

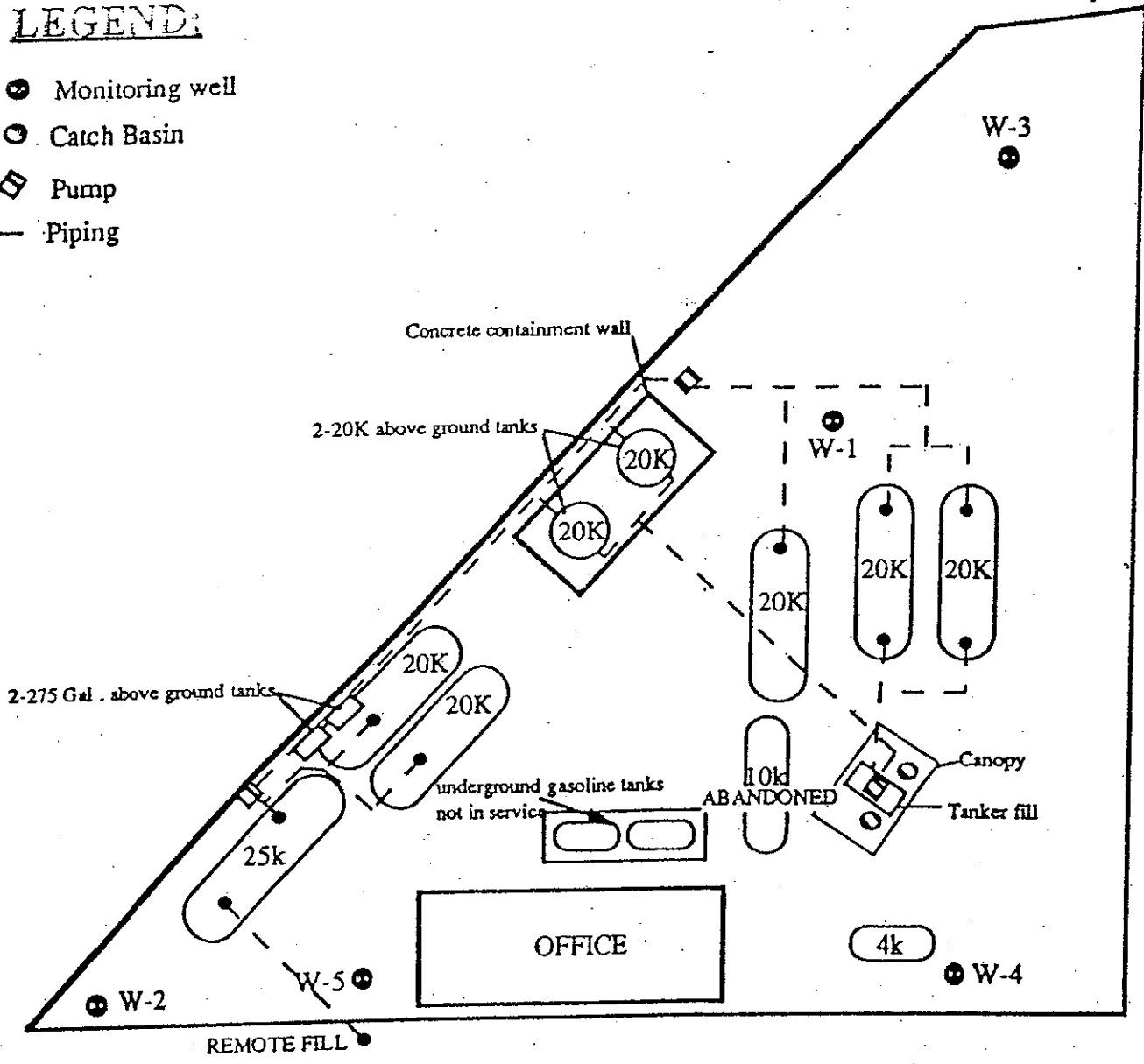
Member

4. Closure of this spill is requested for the following reasons:
- a. The 30 gallons of fuel oil that had leaked out of the valve were remediated by soil excavation and bailing activities.
  - b. High dissolved levels have remained even after there was no floating product remaining. Upgradient wells periodically showed the highest BTEX concentrations. BTEX levels in the westernmost well closest to Mollineaux are increasing with time.
  - c. An upgradient plume is possibly emanating from the Hempstead Gas Plant which will make the NYSDEC cleanup goals unachievable for the groundwater beneath Oswego, since it extends under their property. The increasing dissolved levels in the western wells may be attributable to numerous undocumented spills on Sealy Avenue, associated with the Mollineau facility.
  - d. Oswego Oil has remained in compliance with the requirements mandated by the NYSDEC for this spill and for its spill protection permit. Oswego will continue to utilize the on-site monitoring wells after this spill file is closed to insure that there are no more free product releases on to the groundwater on site.

Member

**LEGEND:**

- Monitoring well
- Catch Basin
- ◊ Pump
- Piping

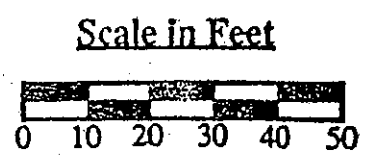


INTERSECTION STREET

\*4K tank used as overfill protection. Piped from distribution box to tank.

**Tyree Brothers  
Environmental Services, Inc.**  
208 Route 109  
Farmingdale, New York 11735

**Oswego Oil**  
45 Intersection St.  
Hempstead, N.Y.  
Spill #90-03084



**ANALYSIS REPORT - EPA602 • SW-846 8020**

10/19/93

**Project**

Oswego Oil J/N 923117  
 45 Intersection Street  
 Hempstead, NY  
**Handler:** Mike Mulqueen

**Custody Document C3335**

Received: 10/07/93 6:25 PM  
 Sampled by: Thomas Ritchie

**Sample 1**

Custody: C3335  
 Collected: 10/07/93  
 Location: Well #1  
 Remarks:

Type: Grab  
 Matrix: Liquid

**Analysis Information**

Analyzed: 10/09/93  
 Remarks:

Analyte	Concentration	Units	Dilution	MDL	Units
Benzene	9.0	ppb	1	0.72	ppb
Toluene	229	ppb	50	46	ppb
Chlorobenzene	ND	ppb	1	0.31	ppb
Ethylbenzene	104	ppb	50	55	ppb
m,p-Xylene	1130	ppb	50	100	ppb
o-Xylene	667	ppb	50	34	ppb
1,3-Dichlorobenzene	ND	ppb	1	1.0	ppb
1,4-Dichlorobenzene	ND	ppb	1	0.90	ppb
1,2-Dichlorobenzene	ND	ppb	1	0.76	ppb

**Sample 2**

Custody: C3335  
 Collected: 10/07/93  
 Location: Well #2  
 Remarks:

Type: Grab  
 Matrix: Liquid

**Analysis Information**

Analyzed: 10/09/93  
 Remarks:

Analyte	Concentration	Units	Dilution	MDL	Units
Benzene	ND	ppb	50	36	ppb
Toluene	515	ppb	50	46	ppb
Chlorobenzene	ND	ppb	50	15.5	ppb
Ethylbenzene	1800	ppb	50	55	ppb
m,p-Xylene	3370	ppb	50	100	ppb
o-Xylene	2760	ppb	50	34	ppb
1,3-Dichlorobenzene	ND	ppb	50	50	ppb
1,4-Dichlorobenzene	ND	ppb	50	45	ppb
1,2-Dichlorobenzene	ND	ppb	50	38	ppb

ppb=ug/L,ug/Kg; ppm=mg/L,mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed;MDL=Method Detection Limit;nd=Not Determined; NR=Not Reported;SM=Sample;E=Quantitated above calibration; Results based on Dry Weight Basis

**ANALYSIS REPORT - EPA602 • SW-846 8020**

10/19/93

**Project**

Oswego Oil J/N 923117  
 45 Intersection Street  
 Hempstead, NY

**Handler:** Mike Mulqueen

**Custody Document C3335**

Received: 10/07/93 6:25 PM  
 Sampled by: Thomas Ritchie

**Sample 3**

Custody: C3335  
 Collected: 10/07/93  
 Location: Well #3  
 Remarks:

Type: Grab  
 Matrix: Liquid

**Analysis Information**

Analyzed: 10/09/93  
 Remarks:

Analyte	Concentration	Units	Dilution	MDL	Units
Benzene	ND	ppb	1	0.72	ppb
Toluene	ND	ppb	1	0.92	ppb
Chlorobenzene	ND	ppb	1	0.31	ppb
Ethylbenzene	ND	ppb	1	1.1	ppb
m,p-Xylene	< 2.0	ppb	1	2.0	ppb
o-Xylene	1.6	ppb	1	0.68	ppb
1,3-Dichlorobenzene	ND	ppb	1	1.0	ppb
1,4-Dichlorobenzene	ND	ppb	1	0.90	ppb
1,2-Dichlorobenzene	ND	ppb	1	0.76	ppb

**Sample 4**

Custody: C3335  
 Collected: 10/07/93  
 Location: Well #4  
 Remarks:

Type: Grab  
 Matrix: Liquid

**Analysis Information**

Analyzed: 10/09/93  
 Remarks:

Analyte	Concentration	Units	Dilution	MDL	Units
Benzene	ND	ppb	10	7.2	ppb
Toluene	ND	ppb	10	9.2	ppb
Chlorobenzene	ND	ppb	10	3.1	ppb
Ethylbenzene	ND	ppb	10	11	ppb
m,p-Xylene	ND	ppb	10	20	ppb
o-Xylene	ND	ppb	10	6.8	ppb
1,3-Dichlorobenzene	ND	ppb	10	10	ppb
1,4-Dichlorobenzene	ND	ppb	10	9	ppb
1,2-Dichlorobenzene	ND	ppb	10	7.6	ppb

ppb=ug/L,ug/Kg; ppm=mg/L,mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed;MDL=Method Detection Limit;nd=Not Determined; NR=Not Reported;SM=Sample;E=Quantitated above calibration; Results based on Dry Weight Basis

Environmental Testing Laboratories

208 Route 100, Farmingdale, NY 11735 - Fax: 516-249-8344 - Phone: 516-249-1000

ANALYSIS REPORT - EPA602 • SW-846 8020

10/19/93

**Project**

Oswego Oil J/N 923117  
45 Intersection Street  
Hempstead, NY  
Handler: Mike Mulqueen

**Custody Document C3335**

Received: 10/07/93 6:25 PM  
Sampled by: Thomas Ritchie

**Sample 5**

Custody: C3335  
Collected: 10/07/93  
Location: Well #5  
Remarks:

Type: Grab  
Matrix: Liquid

**Analysis Information**

Analyzed: 10/09/93  
Remarks:

Analyte	Concentration	Units	Dilution	MDL	Units
Benzene	<36	ppb	50	36	ppb
Toluene	127	ppb	50	46	ppb
Chlorobenzene	ND	ppb	50	15.5	ppb
Ethylbenzene	270	ppb	50	55	ppb
m,p-Xylene	1430	ppb	50	100	ppb
o-Xylene	952	ppb	50	34	ppb
1,3-Dichlorobenzene	ND	ppb	50	50	ppb
1,4-Dichlorobenzene	ND	ppb	50	45	ppb
1,2-Dichlorobenzene	ND	ppb	50	38	ppb

Reviewed by:

*Peggy Lorigan*

ppb=ug/L,ug/Kg; ppm=mg/L,mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed;MDL=Method Detection Limit;nd=Not Determined; NR=Not Reported;SM=Sample;E=Quantitated above calibration; Results based on Dry Weight Basis

Member

**ANALYSIS REPORT - Pet Product ID - 310.13**

10/19/93

**Project**

Oswego Oil J/N 923117  
 45 Intersection Street  
 Hempstead, NY  
 Handler: Mike Mulqueen

**Custody Document C3335**

Received: 10/07/93 6:25 PM  
 Sampled by: Thomas Ritchie

**Sample 1**

Custody: C3335  
 Collected: 10/07/93  
 Location: Well #1  
 Remarks:

Type: Grab  
 Matrix: Liquid

**Analysis Information**

Analyzed: 10/13/93  
 Remarks:

Analyte	Concentration	Units	Dilution	MDL	Units
Gasoline	ND		1		
Lubricating Oils	ND		1		
Kerosene/Jet Fuel	ND	ppm	1	1	ppm
#2 Fuel Oil/Diesel	ND	ppm	1	1	ppm
#4 Fuel Oil	ND	ppm	1	2	ppm
#6 Fuel Oil	ND	ppm	1	4	ppm

**Sample 2**

Custody: C3335  
 Collected: 10/07/93  
 Location: Well #2  
 Remarks:

Type: Grab  
 Matrix: Liquid

**Analysis Information**

Analyzed: 10/13/93  
 Remarks:

Analyte	Concentration	Units	Dilution	MDL	Units
Gasoline	ND		1		
Lubricating Oils	ND		1		
Kerosene/Jet Fuel	ND	ppm	1	1	ppm
#2 Fuel Oil/Diesel	ND	ppm	1	1	ppm
#4 Fuel Oil	ND	ppm	1	2	ppm
#6 Fuel Oil	ND	ppm	1	4	ppm

ppb=ug/L,ug/Kg; ppm=mg/L,mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed;MDL=Method Detection Limit;nd=Not Determined; NR=Not Reported;SM=Sample;E=Quantitated above calibration; Results based on Dry Weight Basis

Member



ANALYSIS REPORT - Pet Product ID - 310.13

10/19/93

**Project**

Oswego Oil J/N 923117  
 45 Intersection Street  
 Hempstead, NY  
**Handler:** Mike Mulqueen

**Custody Document C3335**

Received: 10/07/93 6:25 PM  
 Sampled by: Thomas Ritchie

**Sample 3**

Custody: C3335  
 Collected: 10/07/93  
 Location: Well #3  
 Remarks:

Type: Grab  
 Matrix: Liquid

**Analysis Information**

Analyzed: 10/13/93  
 Remarks:

Analyte	Concentration	Units	Dilution	MDL	Units
Gasoline	ND		1		
Lubricating Oils	ND		1		
Kerosene/Jet Fuel	ND	ppm	1	1	ppm
#2 Fuel Oil/Diesel	ND	ppm	1	1	ppm
#4 Fuel Oil	ND	ppm	1	2	ppm
#6 Fuel Oil	ND	ppm	1	4	ppm

**Sample 4**

Custody: C3335  
 Collected: 10/07/93  
 Location: Well #4  
 Remarks:

Type: Grab  
 Matrix: Liquid

**Analysis Information**

Analyzed: 10/13/93  
 Remarks:

Analyte	Concentration	Units	Dilution	MDL	Units
Gasoline	ND		1		
Lubricating Oils	ND		1		
Kerosene/Jet Fuel	ND	ppm	1	1	ppm
#2 Fuel Oil/Diesel	ND	ppm	1	1	ppm
#4 Fuel Oil	ND	ppm	1	2	ppm
#6 Fuel Oil	ND	ppm	1	4	ppm

ppb=ug/L,ug/Kg; ppm=mg/L,mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed;MDL=Method Detection Limit;nd=Not Determined; NR=Not Reported;SM=Sample;E=Quantitated above calibration; Results based on Dry Weight Basis

Member

**ANALYSIS REPORT - Pet Product ID - 310.13**

10/19/93

**Project**

Oswego Oil - J/N 923117  
 45 Intersection Street  
 Hempstead, NY  
 Handler: Mike Mulqueen

**Custody Document C3335**

Received: 10/07/93 6:25 PM  
 Sampled by: Thomas Ritchie

**Sample 5**

Custody: C3335  
 Collected: 10/07/93  
 Location: Well #5  
 Remarks:

Type: Grab  
 Matrix: Liquid

**Analysis Information**

Analyzed: 10/13/93  
 Remarks:

Analyte	Concentration	Units	Dilution	MDL	Units
Gasoline	ND		1		
Lubricating Oils	ND		1		
Kerosene/Jet Fuel	ND	ppm	1	1	ppm
#2 Fuel Oil/Diesel	ND	ppm	1	1	ppm
#4 Fuel Oil	ND	ppm	1	2	ppm
#6 Fuel Oil	ND	ppm	1	4	ppm

Reviewed by: Beggy Ligo

ppb=ug/L,ug/Kg; ppm=mg/L,mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed;MDL=Method Detection Limit;nd=Not Determined; NR=Not Reported;SM=Sample;E=Quantitated above calibration; Results based on Dry Weight Basis

**Table 1: NYSDEC Spill Log Information**

UPGRADIENT SPILLS WITHIN VICINITY OF OSWEGO OIL CORPORATION, 45 INTERSECTION AVE, HEMPSTEAD, NEW YORK

SPILL NUMBER	MATERIAL CLASS	QNTY	NAME/ADDRESS	CAUSE	RESOURCE	ACTIVE (A) CLOSED (C)
91-03570	HAZ MATERIAL	UNKNOWN	625 SOUTH STREET	DELIBERATE	GROUNDWATER	ACTIVE
90-02895	GASOLINE	UNKNOWN	37 CATHEDRAL AVENUE	TANK TEST FAILURE	LAND	ACTIVE
90-04663	#2 FUEL OIL	UNKNOWN	1140 FRANKLIN AVENUE	TANK TEST FAILURE	GROUNDWATER	ACTIVE
90-09641	#4 FUEL OIL	UNKNOWN	22 HAMILTON PALCE	TANK TEST FAILURE	LAND	ACTIVE
90-11027	GASOLINE	UNKNOWN	1300 FRANKLIN AVENUE	TANK TEST FAILURE	GROUNDWATER	ACTIVE
86-06660	GASOLINE	UNKNOWN	NEW YORK TELEPHONE	TANK FAILURE	GROUNDWATER	ACTIVE
87-00281	GASOLINE	UNKNOWN	CHERRY VALLEY ROAD	TANK FAILURE	GROUNDWATER	ACTIVE
86-08055	#2 FUEL OIL	UNKNOWN	GARDEN CITY MAINT CTR, CHERRY AVENUE	TANK FAILURE	GROUNDWATER	ACTIVE
91-00472	#4 FUEL OIL	UNKNOWN	CATHEDRAL AVENUE	HUMAN ERROR	LAND	ACTIVE
90-03084	#2 FUEL OIL	30 GALLONS	45 INTERSECTION AVENUE	HUMAN ERROR	LAND	ACTIVE
87-07262	#2 FUEL OIL	50 GALLONS	INTERSECTION STREET & SEALY AVENUE	UNKNOWN	LAND	ACTIVE
88-02361	#2 FUEL OIL	UNKNOWN	20 WENDEL TERRACE (NON COM-INST)	TANK TEST FAILURE	GROUNDWATER	ACTIVE

TYREE BROS. ENVIRONMENTAL SERVICES  
 208 ROUTE 109  
 FARMINGDALE, NY 11735

(THIS WEEK) 10/4/93

(LAST WEEK) 8/11/93

(FIRST WEEK) 10/27/90

WELL #	D.T.P.	D.T.W.	PRODUCT	WELL #	D.T.P.	D.T.W.	PRODUCT	WELL #	D.T.P.	D.T.W.	PRODUCT
1		25.1'		1		COVERED		1		30.50'	
2		25.7'		2		29.44'		2		30.27'	
3				3		29.13'		3		30.00'	
4				4		28.97'		4		29.81'	
5				5		29.35'		5		30.22'	

\*\*\*\*\*  
 \*COMMENT\*  
 \*\*\*\*\*  
 TRACE = FLOATING PRODUCT

OSWEGO FUEL OIL  
 45 INTERSECTION STREET  
 HEMPSTEAD, NEW YORK  
 90-03084

\* PRODUCT REMOVED THIS DATE -----> 0 GALLONS  
 \* TOTAL PRODUCT REMOVED TO DATE -----> 2 GALLONS

May 9, 1994

New York State Department  
of Environmental Conservation  
Spill Unit  
Building #40  
Stonybrook, New York 11790-2356

Attn: Joe Haas

Re: Oswego Oil  
45 Intersection Avenue  
Hempstead, New York  
NYSDEC Spill #90-03084

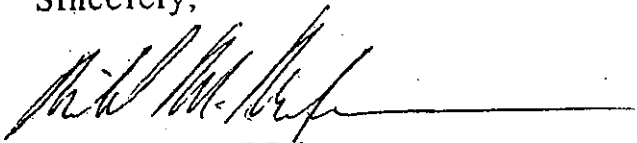
Dear Mr. Haas:

Enclosed please find the last required round of sampling for the above referenced location as indicated in your February, 1994 correspondence.

The sampling was delayed until ambient weather conditions would insure that all wells were accessible.

If you need any further information, please do not hesitate to contact me.

Sincerely,



Michael M. Mulqueen  
Hydrogeologist/Project Manager

cc: J. Rhodes, Oswego  
~~J. Noonan, Sears & Roebuck~~

RECEIVED

MAY 23 1994

Member

 Tyree  
Environmental  
Technologies

THE SEAR DROWN GROUP

ANALYSIS REPORT - EPA602 • SW-846 8020

04/29/94

**Project**

Oswego Oil J/N 923117  
45 Intersection Street  
Hempstead, NY  
Handler: Mike Mulqueen

**Custody Document C6106**

Received: 04/21/94 3:30 PM  
Sampled by: Bernie Ludwig  
Job Number: 923117

**Sample 1**

Custody: C6106  
Collected: 04/21/94  
Location: Well 1  
Remarks:

Type: Grab  
Matrix: Liquid

**Analysis Information**

Analyzed: 04/26/94  
Remarks:

<u>Analyte</u>	<u>Concentration</u>	<u>Units</u>	<u>Dilution</u>	<u>MDL</u>	<u>Units</u>
Benzene	49.0	ppb	10	7.2	ppb
Toluene	198	ppb	10	9.2	ppb
Chlorobenzene	ND	ppb	10	3.1	ppb
Ethylbenzene	71.7	ppb	10	11	ppb
m,p-Xylene	694	ppb	10	20	ppb
o-Xylene	358	ppb	10	6.8	ppb
1,3-Dichlorobenzene	ND	ppb	10	10	ppb
1,4-Dichlorobenzene	ND	ppb	10	9	ppb
1,2-Dichlorobenzene	ND	ppb	10	7.6	ppb

**Sample 2**

Custody: C6106  
Collected: 04/21/94  
Location: Well 2  
Remarks:

Type: Grab  
Matrix: Liquid

**Analysis Information**

Analyzed: 04/26/94  
Remarks:

<u>Analyte</u>	<u>Concentration</u>	<u>Units</u>	<u>Dilution</u>	<u>MDL</u>	<u>Units</u>
Benzene	ND	ppb	50	36	ppb
Toluene	625	ppb	50	46	ppb
Chlorobenzene	ND	ppb	50	15.5	ppb
Ethylbenzene	1220	ppb	50	55	ppb
m,p-Xylene	1650	ppb	50	100	ppb
o-Xylene	1030	ppb	50	34	ppb
1,3-Dichlorobenzene	ND	ppb	50	50	ppb
1,4-Dichlorobenzene	ND	ppb	50	45	ppb
1,2-Dichlorobenzene	ND	ppb	50	38	ppb

ppb=ug/L,ug/Kg; ppm=mg/L,mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed;MDL=Method Detection Limit;nd=Not Determined; NR=Not Reported;SM=Sample;E=Quantitated above calibration; Results of soil samples are based on dry weight basis; IDL=Instrument detection limit.

ANALYSIS REPORT - EPA602 • SW-846 8020

04/29/94

**Project**

Oswego Oil J/N 923117  
 45 Intersection Street  
 Hempstead, NY  
 Handler: Mike Mulqueen

**Custody Document C6106**

Received: 04/21/94 3:30 PM  
 Sampled by: Bernie Ludwig  
 Job Number: 923117

**Sample 3**

Custody: C6106  
 Collected: 04/21/94  
 Location: Well 3  
 Remarks:

Type: Grab  
 Matrix: Liquid

**Analysis Information**

Analyzed: 04/26/94  
 Remarks:

<u>Analyte</u>	<u>Concentration</u>	<u>Units</u>	<u>Dilution</u>	<u>MDL</u>	<u>Units</u>
Benzene	1.0	ppb	1	0.72	ppb
Toluene	15.9	ppb	1	0.92	ppb
Chlorobenzene	ND	ppb	1	0.31	ppb
Ethylbenzene	<1.1	ppb	1	1.1	ppb
m,p-Xylene	2.0	ppb	1	2.0	ppb
o-Xylene	12.6	ppb	1	0.68	ppb
1,3-Dichlorobenzene	ND	ppb	1	1.0	ppb
1,4-Dichlorobenzene	ND	ppb	1	0.90	ppb
1,2-Dichlorobenzene	ND	ppb	1	0.76	ppb

**Sample 4**

Custody: C6106  
 Collected: 04/21/94  
 Location: Well 4  
 Remarks:

Type: Grab  
 Matrix: Liquid

**Analysis Information**

Analyzed: 04/26/94  
 Remarks:

<u>Analyte</u>	<u>Concentration</u>	<u>Units</u>	<u>Dilution</u>	<u>MDL</u>	<u>Units</u>
Benzene	ND	ppb	10	7.2	ppb
Toluene	ND	ppb	10	9.2	ppb
Chlorobenzene	ND	ppb	10	3.1	ppb
Ethylbenzene	ND	ppb	10	11	ppb
m,p-Xylene	ND	ppb	10	20	ppb
o-Xylene	ND	ppb	10	6.8	ppb
1,3-Dichlorobenzene	ND	ppb	10	10	ppb
1,4-Dichlorobenzene	ND	ppb	10	9	ppb
1,2-Dichlorobenzene	ND	ppb	10	7.6	ppb

ppb=ug/L,ug/Kg; ppm=mg/L,mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed;MDL=Method Detection Limit;nd=Not Determined; NR=Not Reported;SM=Sample;E=Quantitated above calibration; Results of soil samples are based on dry weight basis; IDL=Instrument detection limit.

**ANALYSIS REPORT - EPA602 • SW-846 8020**

04/29/94

**Project**

Oswego Oil J/N 923117  
 45 Intersection Street  
 Hempstead, NY  
**Handler:** Mike Mulqueen

**Custody Document C6106**

Received: 04/21/94 3:30 PM  
 Sampled by: Bernie Ludwig  
 Job Number: 923117

**Sample 5**

Custody: C6106  
 Collected: 04/21/94  
 Location: Well 5  
 Remarks:

Type: Grab  
 Matrix: Liquid

**Analysis Information**

Analyzed: 04/26/94  
 Remarks:

<u>Analyte</u>	<u>Concentration</u>	<u>Units</u>	<u>Dilution</u>	<u>MDL</u>	<u>Units</u>
Benzene	ND	ppb	50	36	ppb
Toluene	145	ppb	50	46	ppb
Chlorobenzene	ND	ppb	50	15.5	ppb
Ethylbenzene	200	ppb	50	55	ppb
m,p-Xylene	597	ppb	50	100	ppb
o-Xylene	403	ppb	50	34	ppb
1,3-Dichlorobenzene	ND	ppb	50	50	ppb
1,4-Dichlorobenzene	ND	ppb	50	45	ppb
1,2-Dichlorobenzene	ND	ppb	50	38	ppb

Reviewed by: Lezzy Parigi

ppb=ug/L,ug/Kg; ppm=mg/L,mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed;MDL=Method Detection Limit;nd=Not Determined; NR=Not Reported;SM=Sample;E=Quantitated above calibration; Results of soil samples are based on dry weight basis; IDL=Instrument detection limit.



**ANALYSIS REPORT - Per Product ID - 310.13**

04/29/94

**Project**

Oswego Oil J/N 923117  
 45 Intersection Street  
 Hempstead, NY  
**Handler:** Mike Mulqueen

**Custody Document C6106**

Received: 04/21/94 3:30 PM  
 Sampled by: Bernie Ludwig  
 Job Number: 923117

**Sample 1**

Custody: C6106  
 Collected: 04/21/94  
 Location: Well 1  
 Remarks:

Type: Grab  
 Matrix: Liquid

**Analysis Information**

Analyzed: 04/26/94  
 Remarks:

<u>Analyte</u>	<u>Concentration</u>	<u>Units</u>	<u>Dilution</u>	<u>MDL</u>	<u>Units</u>
Gasoline	ND		1		
Lubricating Oils	ND		1		
Kerosene/Jet Fuel	ND	ppm	1	1	ppm
#2 Fuel Oil/Diesel	40	ppm	1	1	ppm
#4 Fuel Oil	ND	ppm	1	2	ppm
#6 Fuel Oil	ND	ppm	1	4	ppm

**Sample 2**

Custody: C6106  
 Collected: 04/21/94  
 Location: Well 2  
 Remarks:

Type: Grab  
 Matrix: Liquid

**Analysis Information**

Analyzed: 04/26/94  
 Remarks:

<u>Analyte</u>	<u>Concentration</u>	<u>Units</u>	<u>Dilution</u>	<u>MDL</u>	<u>Units</u>
Gasoline	ND		1		
Lubricating Oils	ND		1		
Kerosene/Jet Fuel	PRESENT	ppm	1	1	ppm
#2 Fuel Oil/Diesel	ND	ppm	1	1	ppm
#4 Fuel Oil	ND	ppm	1	2	ppm
#6 Fuel Oil	ND	ppm	1	4	ppm

ppb=ug/L,ug/Kg; ppm=mg/L,mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed;MDL=Method Detection Limit;nd=Not Determined; NR=Not Reported;SM=Sample;E=Quantitated above calibration; Results of soil samples are based on dry weight basis; IDL=Instrument detection limit.

# ANALYSIS REPORT - Pet Product ID - 310.13

04/29/94

### Project

Oswego Oil J/N 923117  
45 Intersection Street  
Hempstead, NY  
Handler: Mike Mulqueen

### Custody Document C6106

Received: 04/21/94 3:30 PM  
Sampled by: Bernie Ludwig  
Job Number: 923117

### Sample 3

Custody: C6106  
Collected: 04/21/94  
Location: Well 3  
Remarks:

Type: Grab  
Matrix: Liquid

### Analysis Information

Analyzed: 04/26/94  
Remarks:

Analyte	Concentration	Units	Dilution	MDL	Units
Gasoline	ND		1		
Lubricating Oils	ND		1		
Kerosene/Jet Fuel	ND	ppm	1	1	ppm
#2 Fuel Oil/Diesel	ND	ppm	1	1	ppm
#4 Fuel Oil	ND	ppm	1	2	ppm
#6 Fuel Oil	ND	ppm	1	4	ppm

### Sample 4

Custody: C6106  
Collected: 04/21/94  
Location: Well 4  
Remarks:

Type: Grab  
Matrix: Liquid

### Analysis Information

Analyzed: 04/26/94  
Remarks:

Analyte	Concentration	Units	Dilution	MDL	Units
Gasoline	ND		1		
Lubricating Oils	ND		1		
Kerosene/Jet Fuel	ND	ppm	1	1	ppm
#2 Fuel Oil/Diesel	ND	ppm	1	1	ppm
#4 Fuel Oil	TRACES	ppm	1	2	ppm
#6 Fuel Oil	ND	ppm	1	4	ppm

ppb=ug/L,ug/Kg; ppm=mg/L,mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed;MDL=Method Detection Limit;nd=Not Determined; NR=Not Reported;SM=Sample;E=Quantitated above calibration; Results of soil samples are based on dry weight basis; IDL=Instrument detection limit.



**ANALYSIS REPORT - Pet Product ID - 310.13**

04/29/94

**Project**

Oswego Oil J/N 923117  
45 Intersection Street  
Hempstead, NY  
**Handler: Mike Mulqueen**

**Custody Document C6106**

Received: 04/21/94 3:30 PM  
Sampled by: Bernie Ludwig  
Job Number: 923117

**Sample 5**

Custody: C6106  
Collected: 04/21/94  
Location: Well 5  
Remarks:

Type: Grab  
Matrix: Liquid

**Analysis Information**

Analyzed: 04/26/94  
Remarks:

Analyte	Concentration	Units	Dilution	MDL	Units
Gasoline	ND		1		
Lubricating Oils	ND		1		
Kerosene/Jet Fuel	ND	ppm	1	1	ppm
#2 Fuel Oil/Diesel	TRACES	ppm	1	1	ppm
#4 Fuel Oil	ND	ppm	1	2	ppm
#6 Fuel Oil	ND	ppm	1	4	ppm

Reviewed by: *Bernie Ludwig* *Qu*

ppb=ug/L,ug/Kg; ppm=mg/L,mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed;MDL=Method Detection Limit;nd=Not Determined; NR=Not Reported;SM=Sample;E=Quantitated above calibration; Results of soil samples are based on dry weight basis; IDL=Instrument detection limit.

# NYSDEC SPILL REPORT FORM



DEC REGION# 1 (Stony Brook) SPILL NUMBER 9311634  
 CALL NAME: INTERNATIONAL FUEL CORP DEC LEAD: AUSTIN  
 CALLER'S NAME: PAT RHODES NOTIFIER'S NAME: \_\_\_\_\_  
 CALLER'S AGENCY: OSWEGO OIL CO NOTIFIER'S AGENCY: \_\_\_\_\_  
 CALLER'S PHONE: (516) 485-3304 EXT. \_\_\_\_\_ NOTIFIER'S PHONE: \_\_\_\_\_ EXT. \_\_\_\_\_

SPILL DATE: 12/29/1993 TIME: 17:00  
 CALL RECEIVED DATE: 12/29/1993 TIME: 17:05 RECEIVED BY CID #: \_\_\_\_\_

Material Spilled	Mat. Class	Am't Spilled	Units	Am't Recovered
1) #2 FUEL OIL	<u>Pet-Haz-Other-Unk.</u>	30	<u>Gal</u> - Lbs	0
2) _____	Pet-Haz-Other-Unk.		Gal - Lbs	
3) _____	Pet-Haz-Other-Unk.		Gal - Lbs	
4) _____	Pet-Haz-Other-Unk.		Gal - Lbs	

**SPILL LOCATION**  
 PLACE: INTERNATIONAL FUEL CORP  
 STREET: 45 INTERSECTION STREET  
 T/C/V: HEMPSTEAD CO: NASSAU  
 CONTACT: \_\_\_\_\_  
 PHONE: \_\_\_\_\_ EXT. \_\_\_\_\_

**POTENTIAL SPILLER**  
 NAME: INTERNATIONAL FUEL CORP  
 STREET: 772 MARTIN DRIVE  
 CITY: UNIONDALE  
 STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_  
 CONTACT: \_\_\_\_\_  
 PHONE: (516) 538-0342 EXT. \_\_\_\_\_

**SPILL CAUSE**  
 Human Error  
 Traffic Accident  
 Equipment Failure  
 Vandalism  
 Tank Test Failure\*  
 Housekeeping  
 Deliberate  
 Abandoned Drums  
 Tank Failure  
 Tank Overfill  
 Other  
 Unknown

**SPILL SOURCE**  
 Gas Station  
 Passenger Vehicle  
 Comm. Vehicle  
 Tank Truck  
 Private Dwelling  
 Vessel  
 Railroad Car  
 Major Facility  
 Non-Maj Facility  
 Comm/Indust  
 Non-Comm/Instit  
 Unknown

**RESOURCE AFFECTED**  
 On Land  
 In Sewer  
 Groundwater  
 Surface Water\*\*  
 Air

**SPILL REPORTED BY**  
 Responsible Party  
 Affected Persons  
 Police Department  
 Fire Department  
 Tank Tester  
 DEC  
 Citizen  
 Health Dept.  
 Local Agency  
 Federal Gov't  
 Other

\*\* WATERBODY: \_\_\_\_\_

CALLER REMARKS: FILLING TANK TRUCK, SPILL IN BERM AREA, CLEANED UP WITH SPEEDI DRI, SPILL CONTAINED WITHIN LOADING RACKS, NO RESPONSE TONIGHT

PBS Number	Tank Number	Tank Size	Test Method	Leak Rate

PRIMARY CONTACT CALLED DATE: \_\_\_\_\_ TIME: \_\_\_\_\_ hrs. REACHED DATE: \_\_\_\_\_ TIME: \_\_\_\_\_ hrs.  
 SECONDARY CONT. CALLED DATE: \_\_\_\_\_ TIME: \_\_\_\_\_ hrs. FAXED BY CID#: \_\_\_\_\_

PIN #	T & A	Cost Center	ISR to Central Office
Cleanup Ceased	02/24/1994	Meets St'ds YES	Last Inspection
Penalty NO	RP-CUI	ENF-INIT	INVES-COM
CAP	UST Trust Eligible NO	Site: A <u>B</u> C D E	Resp. Party 1 2 <u>3</u> 4 5 6
Reg Close Date	02/24/1994		

## NYSDEC SPILL REPORT FORM

DEC REGION# 1 (Stony Brook)      SPILL NUMBER 9311634  
 CALLER NAME: INTERNATIONAL FUEL CORP      DEC LEAD: AUSTIN  
 CALLER'S NAME: PAT RHODES      NOTIFIER'S NAME: \_\_\_\_\_  
 CALLER'S AGENCY: OSWEGO OIL CO      NOTIFIER'S AGENCY: \_\_\_\_\_  
 CALLER'S PHONE: (516) 485-3304 EXT. \_\_\_\_\_      NOTIFIER'S PHONE: \_\_\_\_\_ EXT. \_\_\_\_\_

SPILL DATE: 12/29/1993      TIME: 17:00  
 CALL RECEIVED DATE: 12/29/1993      TIME: 17:05      RECEIVED BY CID #: \_\_\_\_\_

Material Spilled	Mat. Class	Am't Spilled	Units	Am't Recovered
1) <u>#2 FUEL OIL</u>	<u>Pet-Haz-Other-Unk.</u>	<u>30</u>	<u>Gal</u> - Lbs	<u>0</u>
2) _____	<u>Pet-Haz-Other-Unk.</u>	_____	Gal - Lbs	_____
3) _____	<u>Pet-Haz-Other-Unk.</u>	_____	Gal - Lbs	_____
4) _____	<u>Pet-Haz-Other-Unk.</u>	_____	Gal - Lbs	_____

### SPILL LOCATION

PLACE: INTERNATIONAL FUEL CORP  
 STREET: 45 INTERSECTION STREET  
 T/C/V: HEMPSTEAD      CO: NASSAU  
 CONTACT: \_\_\_\_\_  
 PHONE: \_\_\_\_\_ EXT. \_\_\_\_\_

### POTENTIAL SPILLER

NAME: INTERNATIONAL FUEL CORP  
 STREET: 772 MARTIN DRIVE  
 CITY: UNIONDALE  
 STATE: \_\_\_\_\_      ZIP: \_\_\_\_\_  
 CONTACT: \_\_\_\_\_  
 PHONE: (516) 538-0342      EXT. \_\_\_\_\_

### SPILL CAUSE

Human Error       Tank Test Failure       Tank Failure  
 Traffic Accident       Housekeeping       Tank Overfill  
 Equipment Failure       Deliberate       Other  
 Vandalism       Abandoned Drums       Unknown

### SPILL SOURCE

Gas Station       Private Dwelling       Non-Maj Facility  
 Passenger Vehicle       Vessel       Comm/Indust  
 Comm. Vehicle       Railroad Car       Non-Comm/Instit  
 Tank Truck       Major Facility       Unknown

### RESOURCE AFFECTED

On Land       Groundwater       Air  
 In Sewer       Surface Water\*\*

### SPILL REPORTED BY

Responsible Party       Tank Tester       Local Agency  
 Affected Persons       DEC       Federal Gov't  
 Police Department       Citizen       Other  
 Fire Department       Health Dept.

CALLER REMARKS: FILLING TANK TRUCK, SPILL IN BERM AREA, CLEANED UP WITH SPEEDI DRI, SPILL CONTAINED WITHIN LOADING RACKS, NO RESPONSE TONIGHT

PBS Number	Tank Number	Tank Size	Test Method	Leak Rate

PRIMARY CONTACT CALLED DATE: \_\_\_\_\_ TIME: \_\_\_\_\_ hrs.      REACHED DATE: \_\_\_\_\_ TIME: \_\_\_\_\_ hrs.  
 SECONDARY CONT. CALLED DATE: \_\_\_\_\_ TIME: \_\_\_\_\_ hrs.      FAXED BY CID#: \_\_\_\_\_

PIN #	T & A	Cost Center	ISR to Central Office
Cleanup Ceased	02/24/1994	Meets St'ds YES	Last Inspection _____ Penalty NO
RP-CUI	ENF-INIT	INVS-COM	CAP
UST Trust Eligible NO	Site: A <input checked="" type="radio"/> B <input type="radio"/> C <input type="radio"/> D <input type="radio"/> E	Resp. Party 1 2 <input checked="" type="radio"/> 3 4 5 6	Reg Close Date 02/24/1994

NYSDEC REGION 1  
INITIAL SPILL REPORT

AH  
LOGGED

SPILL DATE 12/29/93 TIME 1700 hrs. SPILL NO. 93-11634

OFF DATE 12/29/93 TIME 1730 hrs. ANS SVC DATE 12/29/93 TIME 1705 hrs.

REG OFF DATE 12/29/93 TIME 1805 hrs. FIRST CALL REC'D BY: A.R.C.

UST ELIGIBLE? Y. N CALL REC'D BY: BOB

LEGAL ACTION: Y. N. INITIAL CLASSIFICATION: B.3

PETROLEUM SPILLED

MATERIAL CLASS

- |            |             |               |                      |           |
|------------|-------------|---------------|----------------------|-----------|
| 1-GASOLINE | 5-DIESEL    | 8-NON PCB OIL | 1-PETROLEUM          | 5-UNKNOWN |
| 2-#2 FUEL  | 6-JET FUEL  | 9-PCB OIL     | 2-NON PETRO/NON HAZ  |           |
| 3-#4 FUEL  | 7-WASTE OIL | 10-KEROSENE   | 3-HAZARDOUS MATERIAL |           |
| 4-#6 FUEL  |             | 11-UNKNOWN    | 4-RAW SEWAGE         |           |

OTHER MATERIAL SPILLED \_\_\_\_\_

QUANTITY SPILLED 30 GALS/LBS  
TANK SIZE \_\_\_\_\_ GALS  
FAILURE RATE \_\_\_\_\_ G.P.H  
TEST METHOD \_\_\_\_\_

SPILL LOCATION

ADDRESS: OSWEGO LANDING DOCK SPILLER NAME: NTC FUEL CORP  
45<sup>th</sup> INTERSECTION ST. STREET #: 722 MARTIN DR.  
1/2 BLOCK WEST OFF FRANKLIN CITY/ST/ZIP: UNIONDALE  
MUNICIPALITY: Hempstead SPILLER'S PHONE: 538-0342  
28 -NASSAU 47 -SUFFOLK CONTACT: \_\_\_\_\_

SPILL CAUSE

SPILL SOURCE

- |                    |                  |                  |                 |
|--------------------|------------------|------------------|-----------------|
| 1-HUMAN ERROR      | 7-DELIBERATE     | 1-COMM/INDUST.   | 7-COMM.VEHICLE  |
| 2-TRAFFIC ACCIDENT | 8-ABAND. DRUMS   | 2-NON COMM/INST  | 8-TANK TRUCK    |
| 3-EQUIP. FAILURE   | 9-TANK FAILURE   | 3-MAJOR FACILITY | 9-PVT.DWELLING  |
| 4-VANDALISM        | 10-TANK OVERFILL | 4-BULK FACILITY  | 10-VESSEL       |
| 5-TK TEST FAIL.    | 11-OTHER         | 5-GAS STATION    | 11-RAILROAD CAR |
| (BULK STOR. PRO.)  | 12-UNKNOWN       | 6-PASS.VEHICLE   | 12-UNKNOWN      |
| 6-HOUSEKEEPING     |                  |                  |                 |

RESOURCE AFFECTED

NOTIFIER

- |                              |                 |                 |                |
|------------------------------|-----------------|-----------------|----------------|
| 1-ON LAND                    | 4-SURFACE WATER | 1-RESP. PARTY   | 7-CITIZEN      |
| 2-IN DRAINAGE                | 5-AIR           | 2-AFFECT. PERS. | 8-HEALTH DEPT. |
| 3-GROUND WATER               |                 | 3-POLICE DEPT.  | 9-LOCAL AGENCY |
| WATER BODY _____             |                 | 4-FIRE DEPT.    | 10-FED. GOVT.  |
| DRAIN BASIN/SUB BASIN: _____ |                 | 5-TANK TESTER   | 11-OTHER       |
|                              |                 | 6-NYSDEC        | (SEE BELOW)    |

REMARKS: FILLING TANK TRUCKS / SPILL IN BERM AREA -  
CLEANED UP w/ SPILL-DRY / NO OIL BACK.

ACTION/HISTORY: 12-29-93 @ 18:15 - TELECALL w/ MRS. RHODES AUSTIN ON SITE 12/30/93 Cleanup Complete  
SPILL CONTAINED WITHIN LANDING DOCKS. - NO RESPONSE TONIGHT. Disposal receipts received.

CALLER'S NAME: POT RHODES NOTIFIER'S NAME: JOAN RHODES  
CALLER'S AGENCY: OSWEGO OIL CO NOTIFIER'S AGENCY: \_\_\_\_\_  
CALLER'S PHONE: 516-485-3304 NOTIFIER'S PHONE: \_\_\_\_\_  
PIN # \_\_\_\_\_ ASSIGNED TO: [Signature]  
T/A # \_\_\_\_\_ CLOSED DATE: 12/24/94  
CC: \_\_\_\_\_ FINAL CLASSIFICATION: \_\_\_\_\_  
EPA ID# \_\_\_\_\_

**State of New Jersey  
Department of Environmental Protection and Energy  
Hazardous Waste Regulation Program  
Manifest Section  
CN 028, Trenton, NJ 08625-0028**

Please type or print in block letters. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039. Expires 9-30-94

**UNIFORM HAZARDOUS  
WASTE MANIFEST**

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address

A. State Manifest Document Number

**NJA 1601457**

4. Generator's Phone ( )

B. State Generator's ID

5. Transporter 1 Company Name  
**TREE BROS. ENVIRONMENTAL SERVICE**

6. US EPA ID Number  
**NYD006801243**

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Trans. ID **NJ DEH 151973**

D. Transporter's Phone

9. Designated Facility Name and Site Address

**S & M WASTE, INC.  
105 JACOBUS AVENUE  
SOUTH KEARNY, NJ 07032**

10. US EPA ID Number  
**HJD001291105**

E. State Trans. ID

F. Transporter's Phone

G. State Facility's ID

H. Facility's Phone

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers

13. Total Quantity

14. Unit W/Vol

Waste No.

a.  **HAZARDOUS WASTE SOLID, D NOS  
3 NA 3082  
PG 111 FUEL OIL, WATER, SOIL**

No.	Type	Total Quantity	Unit W/Vol	Waste No.
1	DM	47.7	P	

b.

c.

d.

GENERATOR

Additional Descriptions for Materials Listed Above

**175 GALLON DRUMS (15) 5-20  
WATER OIL**

**2011 GALLON  
DRUMS (SPEEDY DRY) 70-100**

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

**015129-007**

**DECAL # 47677**

**EMERGENCY CONTACT: ELLEN PENNA  
(516) 249-3150**

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name

Signature

Month Day Year

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month Day Year

These wastes are exclusively generated in and use the N.J. Dept. of Environmental Protection and Energy. (800) 292-7172

CONTACT WCN





**F. IDENTIFY THE HEALTH HAZARD CHARACTERISTICS FROM THE TABLE BELOW:**

1. IMMEDIATE (ACUTE) HEALTH HAZARD:  NONE  HIGHLY TOXIC  TOXIC  IRRITANT  SENSITIZER  CORROSIVE  OTHER HAZARDOUS CHEMICALS WITH AN ADVERSE EFFECT ON A TARGET ORGAN THAT GENERALLY OCCURS RAPIDLY AS A RESULT OF SHORT TERM EXPOSURE AND WITH A SHORT DURATION
2. DELAYED (CHRONIC) HEALTH HAZARD:  CARCINOGENS\*  OTHER HAZARDOUS CHEMICALS WITH AN ADVERSE EFFECT ON A TARGET ORGAN THAT GENERALLY OCCURS AS A RESULT OF LONG TERM EXPOSURE AND WITH A LONG DURATION

3. IDENTIFY WHAT EXTREMELY HAZARDOUS SUBSTANCE(S) COMPONENT(S) AS DEFINED IN SARA TITLE III SECTION 355 IS IN THE WASTE STREAM, ITS PERCENTAGE AND WEIGHT:  NONE

4. IDENTIFY ANY TOXIC/HAZARDOUS (OSHA 1910.1000 SUBPART Z) REGULATED SUBSTANCES IN THE WASTE STREAM. LIST SUBSTANCES AND PERCENTAGE:  NONE

\*If Carcinogens are known to be in waste specify the carcinogenic substance in Section C.

- POSITIVE PHOSPHORIC ACIDIZER
- COMPRESSED GAS
- FLAMMABLE SOLID
- ORGANIC PEROXIDE
- REACTIVE
- SHOCK SENSITIVE
- REACTIVE METALS (SPECIFY IN SECTION D)

OTHER DESCRIBE \_\_\_\_\_

NONE OF THE ABOVE

**G. SHIPPING INFORMATION**

- BULK LIQUID  BULK SOLID
- BULK SLUDGE  DRUMS (POLY)
- OTHER  DRUMS (STEEL)

SHIPPING FREQUENCY QUANTITY \_\_\_\_\_ PER \_\_\_\_\_

**H. MANIFEST INFORMATION**

IS THIS A D.O.T. HAZARDOUS MATERIAL?  YES  NO

PROPER D.O.T. SHIPPING NAME (Table 172.101 49 CFR) \_\_\_\_\_

D.O.T. HAZARD CLASS/DIVISION: \_\_\_\_\_

ADDITIONAL DESCRIPTIONS REQUIREMENTS (49 CFR 172.203) \_\_\_\_\_

EMERGENCY RESPONSE TELEPHONE NUMBER (172.604) \_\_\_\_\_

HAZARDOUS WASTE SOLID WASTE UNNA UN 3077 HQ UNITS (lb/kg) \_\_\_\_\_

PACKAGING GROUP (CIRCLE ONE) I II III

CONTACT (Print Name) ELEN PENNA

**I. WASTE CHARACTERISTICS**

- 1) IS THIS A USEPA HAZARDOUS WASTE?  YES  NO
- 2) USEPA HAZARDOUS WASTE NUMBER(S) \_\_\_\_\_
- 3) STATE HAZARDOUS WASTE NUMBER(S) \_\_\_\_\_
- 4) DOES THIS WASTE CONTAIN ANY PCB'S?  YES  NO IF YES INDICATE LEVEL \_\_\_\_\_
- 5) DOES THIS WASTE CONTAIN ANY HERBICIDES, PESTICIDES, DIOXIN OR RESIDUES THEREOF?  YES  NO If YES, list compound and concentration in Section C.
- 6) IS THIS WASTE PROHIBITED FROM LAND DISPOSAL UNDER 40 CFR PART 268?  YES  NO
- 7) AS LIST WASTE SUBCATEGORY DESCRIPTION IF APPLICABLE \_\_\_\_\_
- 8) WASTE A (CHECK ONE):  NON-WASTEWATER  WASTEWATER (SEE 40 CFR 268.2) or check none  NONE
- 9) IS THIS WASTE SUBJECT TO ANY CALIFORNIA LIST RESTRICTIONS?  YES  NO
- 10) IF YES, check all applicable restrictions:  HOC'S  PCB'S  ACID  METALS  CYANIDE
- 11) BENZENE NESHP APPLICABILITY: Is this waste stream subject to management under National Emission Standards for Benzene Waste Operations as provided in 40 CFR Part 61, Subpart FF?  YES  NO. If YES, give BENZENE Concentration: \_\_\_\_\_
- 12) DOES THIS WASTE CONTAIN ANY N-NITROSO-N-METHYLUREA?  YES  NO If YES, Concentration: \_\_\_\_\_
- 13) WAS THE INFORMATION ON THIS WPS BASED ON GENERATORS KNOWLEDGE  YES  NO OR ACTUAL CHEMICAL ANALYSIS \_\_\_\_\_
- 14) ARE THERE ANY SPECIAL HANDLING INSTRUCTIONS FOR THE DISPOSAL OF THIS WASTE?  YES  NO If YES, Specify: \_\_\_\_\_

HAZARD CODES T/S

**J. VIRGIN PETROLEUM CONTAMINATED SOIL AND MEDIA CERTIFICATION**

I HEREBY CERTIFY THAT VIRGIN PETROLEUM PRODUCTS ARE THE ONLY SOURCE OF CONTAMINATION FOR THE WASTE STREAM DESCRIBED ON THIS WASTE PROFILE SHEET. BASED ON MY KNOWLEDGE AS GENERATOR, THIS MATERIAL DOES NOT EXCEED THE REGULATORY LEVELS FOR THE TOXICITY CHARACTERISTICS.

SIGNATURE \_\_\_\_\_

**K. AUTHORIZATION TO CORRECT WPS**

I AUTHORIZE S&W WASTE INC. TO MAKE CORRECTIONS TO THIS WPS. SUCH CORRECTIONS BEING CONSISTENT WITH THE RESULTS OF SAMPLE ANALYSIS AND REGULATORY REQUIREMENTS. I UNDERSTAND THAT A CORRECTED COPY OF THE WPS WILL BE SENT TO ME.

SIGNATURE \_\_\_\_\_

**L. SPECIAL HANDLING COMMENTS**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**M. OFFICIAL USE ONLY**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**APPROVAL COMMITTEE**

INITIALS DATE  
ENV. \_\_\_\_\_  
OPS. \_\_\_\_\_  
TECH. \_\_\_\_\_

**N. POLYCHLORINATED BIPHENYL (PCB)/HERBICIDE, PESTICIDE, INSECTICIDE/ALUMINUM AND REACTIVE METAL WARRANTY**

I hereby warrant that the material transferred to S&W WASTE INC., for transportation, treatment, storage and/or disposal is not radioactive waste and is not contaminated by either POLYCHLORINATED BIPHENYL (PCB) at a level greater than 39 PPM or HERBICIDE/INSECTICIDE/PESTICIDE or Dioxins or Furans of any value unless it is listed in Section C and approved by S&W WASTE, INC., nor does it contain Elemental Aluminum or Reactive Metal Paste, Powder or Pigment unless it is listed in Section C and approved by S&W WASTE, INC., and hereby agree to indemnify and hold S&W WASTE, INC., harmless from any costs, damages or other liability resulting from breach of this warranty or any other terms and conditions of this Waste Material Profile Sheet.

O. The information on this Waste Material Profile Sheet (WMPS) may have been prepared by other individuals. By signing Section O of this WMPS I certify that all information, including any attached information, is complete and is an accurate representation of the waste and its known or suspected hazards.

DATE 1-25-94

PRINT NAME/TITLE JOHN RHOADS HOY

GENERATOR'S SIGNATURE \_\_\_\_\_

COPY # 4

GENERATOR COPY

PLEASE DETACH FOR YOUR RECORDS

# NYSDEC SPILL REPORT FORM



DEC REGION# 1 (Stony Brook) SPILL NUMBER 9704538  
 SPILL NAME: OSWEGO OIL DEC LEAD: T/T/F  
 CALLER'S NAME: JOHN LEDDY NOTIFIER'S NAME: JOHN LEDDY  
 CALLER'S AGENCY: PROTEST ENTERPRISES NOTIFIER'S AGENCY: PROTEST ENTERPRISES  
 CALLER'S PHONE: (516) 321-4670 EXT. \_\_\_\_\_ NOTIFIER'S PHONE: (516) 321-4670 EXT. \_\_\_\_\_

SPILL DATE: 07/16/1997 TIME: 10:17  
 CALL RECEIVED DATE: 07/16/1997 TIME: 10:47 RECEIVED BY CID #: 267

Material Spilled	Mat. Class	Am't Spilled	Units	Am't Recovered
1) #2 FUEL OIL	<u>Pet-Haz-Other-Unk.</u>	<u>Unknown</u>	<u>Gal</u> - Lbs	<u>0</u>
2) _____	<u>Pet-Haz-Other-Unk.</u>	_____	<u>Gal</u> - Lbs	_____
3) _____	<u>Pet-Haz-Other-Unk.</u>	_____	<u>Gal</u> - Lbs	_____
4) _____	<u>Pet-Haz-Other-Unk.</u>	_____	<u>Gal</u> - Lbs	_____

### SPILL LOCATION

PLACE: OSWEGO OIL  
 STREET: 45 INTERSECTION STREET  
 T/C/V: HEMPSTEAD CO: NASSAU  
 CONTACT: JOHN RHODES  
 PHONE: (516) 485-3900 EXT. \_\_\_\_\_

### POTENTIAL SPILLER

NAME: OSWEGO OIL  
 STREET: 45 INTERSECTION STREET  
 CITY: HEMPSTEAD  
 STATE: NY ZIP: 11550  
 CONTACT: JOHN RHODES  
 PHONE: (516) 485-3900 EXT. \_\_\_\_\_

### SPILL CAUSE

Human Error  
 Traffic Accident  
 Equipment Failure  
 Vandalism  
 Tank Test Failure\* Tank Failure  
 Housekeeping Tank Overfill  
 Deliberate Other  
 Abandoned Drums Unknown

### SPILL SOURCE

Gas Station  
 Passenger Vehicle  
 Comm. Vehicle  
 Tank Truck  
 Private Dwelling  
 Vessel  
 Railroad Car  
 Major Facility  
 Non-Maj Facility  
 Comm/Indust  
 Non-Comm/Instit  
 Unknown

### RESOURCE AFFECTED

On Land  
 In Sewer  
 Groundwater  
 Surface Water\*\*  
 Air

### SPILL REPORTED BY

Responsible Party  
 Affected Persons  
 Police Department  
 Fire Department  
 Tank Tester  
 DEC  
 Citizen  
 Health Dept.  
 Local Agency  
 Federal Gov't  
 Other

\*\* WATERBODY: \_\_\_\_\_

CALLER REMARKS: LINE TEST FAILURE ON 2 ABOVE GROUND TANKS  
NASSAU CO FIRE MARSHALL ADVISED ALSO

TANK OWNER IS DIGGING UP LINE TO FIND THE PROBLEM

*PBS Number	Tank Number	Tank Size	Test Method	Leak Rate

PRIMARY CONTACT CALLED DATE: \_\_\_\_\_ TIME: \_\_\_\_\_ hrs. REACHED DATE: \_\_\_\_\_ TIME: \_\_\_\_\_ hrs.  
 SECONDARY CONT. CALLED DATE: \_\_\_\_\_ TIME: \_\_\_\_\_ hrs. FAXED BY CID#: \_\_\_\_\_

PIN #	T. & A	Cost Center	SR to Central Office
Cleanup Ceased	Meets St'ds YES	Last Inspection	Penalty NO
	ENF-INIT	INVES-COM	CAP
UST Trust Eligible NO	Site: A <input checked="" type="radio"/> B <input type="radio"/> C <input type="radio"/> D <input type="radio"/> E <input type="radio"/>	Resp. Party 1 2 3 <input checked="" type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6	Reg Close Date 09/09/1997

NYSDEC SPILL REPORT FORM

DEC REGION# 1 (Stony Brook) SPILL NUMBER 9704538  
 SPILL NAME: OSWEGO OIL DEC LEAD: T/T/F  
 CALLER'S NAME: JOHN LEDDY NOTIFIER'S NAME: JOHN LEDDY  
 CALLER'S AGENCY: PROTEST ENTERPRISES NOTIFIER'S AGENCY: PROTEST ENTERPRISES  
 CALLER'S PHONE: (616) 321-4670 EXT. \_\_\_\_\_ NOTIFIER'S PHONE: (616) 321-4670 EXT. \_\_\_\_\_

SPILL DATE: 07/16/97 TIME: 10:17  
 CALL RECEIVED DATE: 07/16/97 TIME: 10:47 RECEIVED BY CID #: 267

Material Spilled	Mat. Class	Am't Spilled	Units	Am't Recovered
1) #2 FUEL OIL	<u>Pet-Haz-Other-Unk.</u>	<u>Unknown</u>	<u>Gal</u> Lbs	<u>0</u>
2) _____	<u>Pet-Haz-Other-Unk.</u>	_____	<u>Gal</u> - Lbs	_____
3) _____	<u>Pet-Haz-Other-Unk.</u>	_____	<u>Gal</u> - Lbs	_____
4) _____	<u>Pet-Haz-Other-Unk.</u>	_____	<u>Gal</u> - Lbs	_____

**SPILL LOCATION**  
 PLACE: OSWEGO OIL  
 STREET: 45 INTERSECTION ST  
 T/C/V: HEMPSTEAD CO: NASSAU  
 CONTACT: JOHN RHODES  
 PHONE: (516) 485-3900 EXT. \_\_\_\_\_

**POTENTIAL SPILLER**  
 NAME: OSWEGO OIL  
 STREET: 45 INTERSECTION ST  
 CITY: HEMPSTEAD  
 STATE: NY ZIP: 11550  
 CONTACT: JOHN RHODES  
 PHONE: (516) 485-3900 EXT. \_\_\_\_\_

**SPILL CAUSE**  
 Human Error  
 Traffic Accident  
 Equipment Failure  
 Vandalism  
 Tank Test Failure  
 Housekeeping  
 Deliberate  
 Abandoned Drums  
 Tank Failure  
 Tank Overfill  
 Other  
 Unknown

**SPILL SOURCE**  
 Gas Station  
 Passenger Vehicle  
 Comm. Vehicle  
 Tank Truck  
 Private Dwelling  
 Vessel  
 Railroad Car  
 Major Facility  
 Non-Maj Facility  
 Comm/Indust  
 Non-Comm/Instt  
 Unknown

**RESOURCE AFFECTED**  
 On Land  
 In Sewer  
 Groundwater  
 Surface Water\*\*  
 Air

**SPILL REPORTED BY**  
 Responsible Party  
 Affected Persons  
 Police Department  
 Fire Department  
 Tank Tester  
 DEC  
 Citizen  
 Health Dept.  
 Local Agency  
 Federal Gov't  
 Other

CALLER REMARKS: LINE TEST FAILURE ON 2 ABOVE GROUND TANKS (20,000)  
NASSAU CO FIRE MARSHALL ADVISED ALSO. TANK OWNER IS DIGGING UP LINE TO FIND PROBLEM  
Prior Spill History @ this Location. (90-03084 (JEH) case  
TANK OWNER IS DIGGING UP LINE TO FIND THE PROBLEM. site impacted by adjacent  
coal gas venting.

PBS Number	Tank Number	Tank Size	Test Method	Leak Rate
_____	_____	_____	<u>HEZ I</u>	_____

PRIMARY CONTACT CALLED DATE: \_\_\_\_\_ TIME: \_\_\_\_\_ hrs. REACHED DATE: \_\_\_\_\_ TIME: \_\_\_\_\_ hrs.  
 SECONDARY CONT. CALLED DATE: \_\_\_\_\_ TIME: \_\_\_\_\_ hrs. FAXED BY CID#: 267

PIN #	T & A	Cost Center	ISR to Central Office
Cleanup Ceased	Meets St'ds	NO	Last Inspection
RP-CUI	ENF-INIT	INVS-COM	CAP
UST Trust Eligible	NO	Site: A <u>B</u> C D E	Resp. Party 1 2 3 <u>4</u> 5 6
Reg Close Date	<u>9/1/97</u>		

Created on 07/16/97 Last Updated on 07/16/97 Is Updated? YES  
 Date Printed: 07/16/97 EDO DATA INPUT [ ]

*9/1/97 David Fleming*

RECEIVED

AUG 11 1997

REG 1 - OIL SPILL

Oswego Oil Service Corp  
45 Intersection Street  
Hempstead, New York 11550

August 7, 1997

New York State Department of Environmental Conservation  
Cathy A. Gibbons  
Building 40 SUNY  
Stony Brook, New York 11790--2356

Dear Ms Gibbons:

RE: Spill #97-04538, Oswego Oil

45 Intersection Street, Hempstead, N.Y.  
In reference to the above spill, a contractor, James Woerner, Inc., was engaged to make the necessary repairs which consisted of excavating a buried line, locating the failed area which was a two inch threaded pipe coming off the main line, removing the threaded pipe and welding a patch over the area. In the course of excavation soil that was contaminated was segregated and removed by Waste Recycling Solutions 129 Peconic Avenue Riverhead, NY (NYSDEC 364 Transporter Permit No. 1A-415). All the above work was done under the supervision of and with the consent of the Nassau County Fire Marshall Office.

Before the line was put in operation the line was tested by Pro Test Enterprises, 331 Walker Street, N. Babylon, NY 11704 upon passing the test the Nassau County Fire Marshall Office was notified and approved reopening the line.

If you have any questions, please feel free to contact myself at 516-485-3900.

Sincerely,



Oswego Oil Service Corp  
John Rhodes

\*\*\* NON-HAZARDOUS \*\*\*  
DOCUMENT OF CARGO

YSDEC spill number  
97-04538

Date 7/23/97

Document Number No 0083

Tractor or Truck License Number XW 6611

Tanker or Semi-Trailer License Number N/A

GENERATOR

Company Name: Oswego Oil Company

Company Address: 45 Intersection Street Hempstead, N.Y.

Telephone: 516 588-2251 Contact: Jim Warner

TRANSPORTER

- Waste Recycling Solutions 129 Peconic Avenue Riverhead, N.Y. (516) 369-9601
- Maggio Sanitation 9 Commercial Blvd. Medford, N.Y. (516) 636-6300
- B/P Wreckers 50 Yennecott Drive Southold, N.Y. (516) 734-7939

EPA Transporter I.D. No. N/A NYSDEC 364 Transporter Permit No. 1A-415

TREATMENT/RECYCLING/DISPOSAL FACILITY

Facility Name: T. T. Materials

Facility Address: Mid-Hudson Recycling Park Wingdale N.Y.

Telephone: 914-832-3434 Contact: Art Connelly

WASTE INFORMATION

Description and Quantity

Approx. 10 cu. yds. of non-hazardous  
(#2 fuel oil) petroleum contaminated soil  
generated during JST removal at  
Oswego Oil Company  
45 Intersection Street  
Hempstead, N.Y.

Coded as W816

7/23/97

Generator \_\_\_\_\_

Date \_\_\_\_\_

Transporter \_\_\_\_\_

Date \_\_\_\_\_

Treatment/Recycling/Disposal Facility \_\_\_\_\_

Date \_\_\_\_\_

# NYSDEC SPILL REPORT FORM



DEC REGION# 1 (Stony Brook)      SPILL NUMBER 9925536  
 SPILL NAME: OSWEGO OIL SERVICE CORP      DEC LEAD: ACAMPORA 99-185  
 CALLER'S NAME: NICK ACAMPORA      NOTIFIER'S NAME: NICK ACAMPORA  
 CALLER'S AGENCY: DEC SPILLS MOSF COORD      NOTIFIER'S AGENCY: DEC SPILLS MOSF COORD  
 CALLER'S PHONE: (516) 444-0322 EXT. \_\_\_\_\_      NOTIFIER'S PHONE: (516) 444-0322 EXT. \_\_\_\_\_

SPILL DATE: 03/28/2000      TIME: 12:00  
 CALL RECEIVED DATE: 03/28/2000      TIME: 12:00      RECEIVED BY CID #: \_\_\_\_\_

Material Spilled	Mat. Class	Am't Spilled	Units	Am't Recovered
1) #2 FUEL OIL	<u>Pet-Haz-Other-Unk.</u>	Unknown	<u>Gal</u> - Lbs	Unknown
2) LUBE OIL	<u>Pet-Haz-Other-Unk.</u>	Unknown	<u>Gal</u> - Lbs	Unknown
3) _____	Pet-Haz-Other-Unk.	_____	Gal - Lbs	_____
4) _____	Pet-Haz-Other-Unk.	_____	Gal - Lbs	_____

**SPILL LOCATION**  
 PLACE: OSWEGO OIL SERVICE CORP  
 STREET: 45 INTERSECTION STREET  
 T/C/V: HEMPSTEAD      CO: NASSAU  
 CONTACT: JOHN RHODES  
 PHONE: (516) 485-3900      EXT. \_\_\_\_\_

**POTENTIAL SPILLER**  
 NAME: OSWEGO OIL SERVICE CORP  
 STREET: 45 INTERSECTION STREET  
 CITY: HEMPSTEAD  
 STATE: NY      ZIP: 11550  
 CONTACT: JOHN RHODES  
 PHONE: (516) 485-3304      EXT. \_\_\_\_\_

**SPILL CAUSE**  
 Human Error       Tank Test Failure\*       Tank Failure  
 Traffic Accident       Housekeeping       Tank Overfill  
 Equipment Failure       Deliberate       Other  
 Vandalism       Abandoned Drums       Unknown  
  
**RESOURCE AFFECTED**  
 On Land       Groundwater       Air  
 In Sewer       Surface Water\*\*

**SPILL SOURCE**  
 Gas Station       Private Dwelling       Non-Maj Facility  
 Passenger Vehicle       Vessel       Comm/Indust  
 Comm. Vehicle       Railroad Car       Non-Comm/Instit  
 Tank Truck       Major Facility       Unknown  
  
**SPILL REPORTED BY**  
 Responsible Party       Tank Tester       Local Agency  
 Affected Persons       DEC       Federal Gov't  
 Police Department       Citizen       Other  
 Fire Department       Health Dept.

**\*\*WATERBODY:** \_\_\_\_\_  
**CALLER REMARKS:** DURING ROUTINE INSPECTION BY THE DEC WATER UNIT, INSPECTOR FOUND VARIOUS POSSIBLE VIOLATIONS. REQUESTED INSPECTION BY THIS UNIT. UPON INSPECTION, FOUND NUMEROUS SPILLS AND HOUSEKEEPING PROBLEMS. WILL CONTACT NCHD AND FM AND ADVISE.

*PBS Number	Tank Number	Tank Size	Test Method	Leak Rate

PRIMARY CONTACT CALLED DATE: \_\_\_\_\_ TIME: \_\_\_\_\_ hrs. REACHED DATE: \_\_\_\_\_ TIME: \_\_\_\_\_ hrs.  
 SECONDARY CONT. CALLED DATE: \_\_\_\_\_ TIME: \_\_\_\_\_ hrs. FAXED BY CID#: \_\_\_\_\_

PIN #	T & A	Cost Center	ISR to Central Office		
Cleanup Ceased		Meets St'ds	NO	Last Inspection	Penalty
CUI		ENF-INIT		INVS-COM	CAP
UST Trust Eligible		NO	Site: A <input checked="" type="radio"/> B <input type="radio"/> C <input type="radio"/> D <input type="radio"/> E <input type="radio"/>	Resp. Party	1 2 <input checked="" type="radio"/> 3 4 5 6
Reg Close Date					

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
DIVISION OF WATER - REGION ONE  
PHONE (631) 444-0421  
FAX # (631) 444-0424

N. Acampora  
Spills

# MEMO

To: K. Gomez, W. Spitz  
From: William O'Brien *WOB*  
Subject: Oswego Oil Service, 45 Intersection Street, Hempstead  
Date: March 22, 2000

I inspected this SPDES facility today. The following comments refer to the attached diagram,

1. Product unloading area on street side of building. According to John Rhodes, Terminal Manager (?), this is used "sometimes". It consists of a concrete slab with a hose sitting on it adjacent to the sidewalk. The slab and adjoining grass are heavily stained with oil. Also note the adjacent storm drain in Intersection Street, the street slopes downhill from the unloading area to the drain. I didn't check the drain for product.
2. Loading Rack #3. Heavy oil contamination between rack and fence along former railroad right of way. Heavy oil contamination below rack. Uncovered buckets of oil, apparently under leaks (?) under rack. No storm water containment or separator for this rack.
3. 2x275, these are kerosene and maybe diesel tanks. The secondary containment is, in part, unmortared concrete blocks. The kerosene pump is resting on four concrete blocks. A second, unmarked pump may serve one of the tanks.
4. Loading Rack #2. Apparently abandoned. Oil contamination in the area.
5. Two vertical #2 fuel oil tanks in dike. I noticed product type, but not size marked on tanks. Dike floor below grade. Corners of dike floor not solid, but filled with something called "bontone" (?) That according to John Rhodes "lets water pass through, but swells if petroleum is present and stops flow". This is a SPDES violation. This is not on their permit. There is sheen on some water in the dike.
6. Product Handling Pumps. Extremely heavy oil contamination in this area. No secondary containment.
7. Underground Tanks. At least a couple. There may also be gasoline storage, as there is a pump marked unleaded gasoline at the rear of the building.
8. Loading Rack #1. This is surrounded by a somewhat discontinuous 'speed bump' type dike. Heavy oil contamination below the rack. This is apparently the 'active' rack.
9. General. Site is semi-paved with deteriorating concrete and asphalt and significant unpaved areas. The north end of the property is full of junk box trailers (contents?), oil trucks and general debris.

## Recommendations:

Facility currently does not have a valid SPDES permit (it expired 9/99), and has unpermitted outfalls. This is beyond handling with NOV, I would like to conduct a joint inspection with Nick Acampora and NCDH & NCFM. The site needs to be paved, remediated, have proper junk dikes and a SPDES permit. This will require legal action for SPDES, Spills and probably PBS violations. I also think there are a few more violations for NCDH & NCFM.



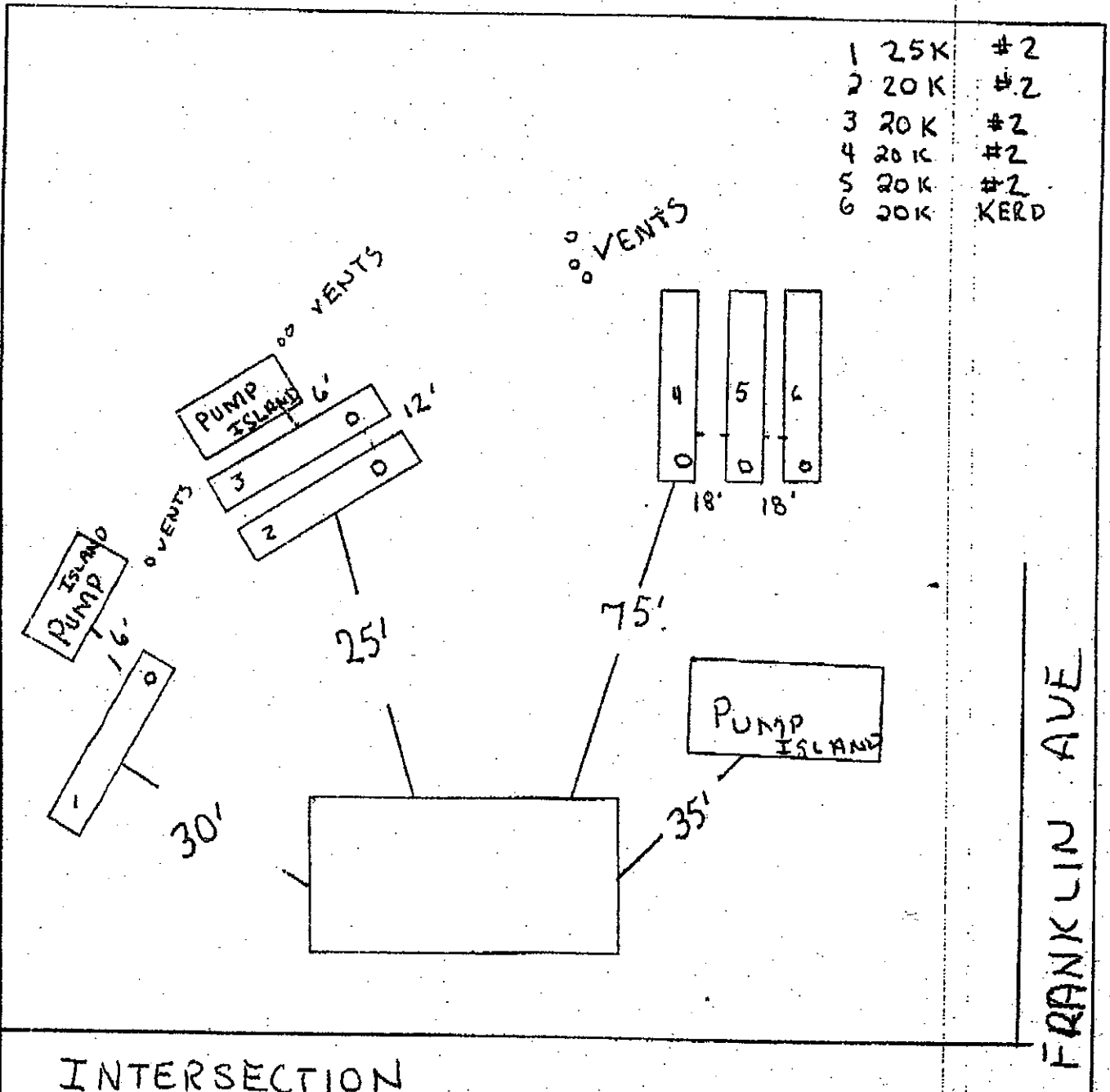
**SITE SKETCH**

Work Order #: 1346-98  
 Customer: OSWEGO OIL SERVICE  
 Job Name: OSWEGO OIL SERVICE  
 Job Address: 45 INTERSECTION ST  
 Job City, State, Zip: HEMPSTEAD, NY 11550  
 Comments: \_\_\_\_\_

Tank pad cover? asphalt/concrete/lift  
 Inside city limits? Yes  No   
 Tanks bonded? Yes  No   
 Closest Intersection INTERSECTION & FRANKLIN

**CP 2369-98**

Please indicate on drawing the location of the buildings, all tanks, vents, how many islands, measurement in feet and surrounding streets.





**NYSDEC Region 1, SUNY, Bldg. 40, Stony Brook, NY 11790-2356**

Field Notes    Phone Conversation    Meeting Notes   Spill No. 99-255.36

<b>Location</b>			<b>Representatives on site</b>		<b>time in</b>	<b>time out</b>	
Name <u>OSWEGO OIL CO</u>			DEC <u>ALAMPORA</u>		<u>1105</u>	<u>1244</u>	
Address <u>45 INTERSECTION ST.</u>			<u>R. MAICKEL / NORM</u>				
Town <u>Hampstead</u>			<u>J. HICKMAN / NORM</u>				
Phone							
<b>Weather</b>	<b>Temperature</b>	<b>General conditions</b>					
humidity	Cold	Sunny					
Dry	Fair	Partly Cloudy					
Humid	Warm	Cloudy					
Very humid	Hot	Rain / Snow					
			<u>JOHN &amp; PATRICIA RHODES</u>				

Date	Time	Inspection Narrative
4/27/00	1105	<p>ALAMPORA ON SITE / MET W/ ABOVE REPRESENTATIVE R. MAICKEL &amp; NORM CONDUCTED INSPECTION OF FACILITY.</p> <p>SEE ATTACHMENT W/ VIOLATIONS.</p> <p>SURFACE SPRINGS &amp; OVERFILLS NOTED THROUGHOUT FACILITY.</p> <p>AS PER MS. RHODES, REMOTE FILL POINT LOCATED OUTSIDE BLDG. IS NO LONGER USED.</p> <p>EXCESSIVE WATER IN CONTAINMENT AREA.</p> <p>OVERFILL OF TANK NOTED - SPILLAGE AROUND VENT LINE.</p> <p>PRODUCT IN FILL PANS OF V/K TANKS.</p> <p>FORTHWITH ORDER BEING ISSUED BY ALCPM.</p> <p>FACILITY SHOULD SHUT DOWN UNTIL FURTHER NOTICE.</p> <p>1244 - LEFT SITE</p>
5/1/00	1617	<p>ALAMPORA LEFT MESSAGE FOR MR. &amp; MRS. RHODES FOR COME BACK &amp; STATE.</p>
5/18/00	0931	<p>ALAMPORA HAD TELECON W/ JOHN RHODES. HE FEELS MAJORITY OF CLEANUP HAS BEEN COMPLETED. SITE IS STACKPILED.</p> <p>DORRYL KURT HAS BEEN HIRED TO INSPECT ABOVE GROUND TANKS.</p>

Contractor's Equipment	Contractor's Work Force	time in	time out

**Site Sketch (Include North Arrow)**

6/7/00

1439 - DRAMPARA ON SITE  
 - MET W/ RICK MARICHEL (W.P.M.)  
 - SKINN RHODES (COSWEGCO)

- INSPECTED FACILITY
- FACILITY STILL CLOSED
- W/G TANKS OUT OF SERVICE / MAINWAYS OPEN FOR INSPECTION AS PER JOHN RHODES - DARYL KOST (P.E.) HAS BEEN RETAINED TO INSPECT
- SPILL AROUND TRANSFER PUMP. PARTIALLY CLEANED UP SOIL AROUND PUMP HAS BEEN REMOVED TO APPROX 1.5' B.L.S. - ADD'L SOIL MUST BE REMOVED
- INSPECTED ROCK DRED. DETERMINED WHERE PRODUCT LINES GO UNDER GROUND, CONCRETE PIPING HAS BEEN COMPROMISED. CONTAMINATED SOIL ALSO FOUND. INSTRUCTED MR. RHODES TO EXCAVATE SOIL
- WILL RE-INSPECT NEXT WEEK

1525 - LEFT SITE

7/6/2000

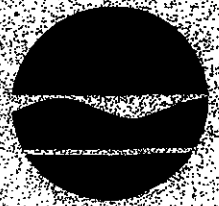
1344 - DRAMPARA ON SITE, MET W/ MRS. RHODES

- INSPECTED AREAS OF CONCERN
- ADD'L WORK REQ'D @ LANDING RACK @ TWO EXCAVATED AREAS
- ADD'L WORK REQ'D @ THE TRANSFER PUMP - EXCAVATION IS APPROX 2' DEEP. ADD'L WORK IS NEEDED @ SOUTHERN HALF. WILL RE-INSPECT NEXT WEEK. GAVE O.K. TO BACKFILL NORTHERN PORTION OR EXCAVATION TO STABILIZE PUMP

1400 - LEFT SITE

New York State Department of Environmental Conservation  
Building 40 - SUNY, Stony Brook, New York 11790-2366

TEL # (516) 444-0320  
FAX # (516) 444-0373



**REQUEST FOR CLEANUP NOTIFICATION FORM - FIELD ISSUE**

Date April 27, 2000

IMMEDIATE CLEANUP REQUIRED

WITHIN 10-DAY PERIOD (Unless otherwise specified, the 10-day period will begin with the above date.)

SPILL #: 99-25536 SPILL LOCATION: OSWEGO OIL SERVICE CORP.  
Hempstead,

RESPONSIBLE PARTY INFORMATION:

Address: 45 INTERSECTION STREET, HEMPSTEAD

Telephone: (516) 480-3900

Contact Person(s): PATRICIA / JOHN RHODES

FINDINGS: NUMEROUS P/O SPILLS INTO SOIL THROUGH OUT  
FACILITY (I.E. VENTS, TRANSFER PUMP, FUEL STORAGE  
AREA, ROCK AREA) - ~~WATER AND WASTEWATER FROM~~  
~~WASTEWATER TREATMENT~~

WORK TO BE PERFORMED: REMOVE ALL CONTAMINATED SOIL & PROPERLY  
DISPOSE OF SAME. PROVIDE DISPOSAL MANIFESTS TO PROVE  
PROPER DISPOSAL. ADVISE REP. OF THIS OFFICE UPON  
COMPLETION OF WORK FOR REINSPECTION. REMOVE ALL  
PRODUCT FROM FILL POTS, PROPERLY DISPOSE OF ALL LIQUIDS  
IN OPEN CONTAINERS.

This letter serves as notice that the Department is directing you or your company to proceed with a cleanup of the above-referenced site within the time frame indicated. You may either hire a contractor or do the work yourself. However, you must use a contractor with a 364 Transporter Permit to transport the contaminated material to a proper disposal facility.

If you do not proceed with the required cleanup within the time frame noted above, this office will proceed with the cleanup of the site, and the New York State Department of Law will seek reimbursement along with an assessment of penalties from you in accordance with Article 12 of the New York State Navigation Law.

J.P. Rh... Responsible Party/Agent 4/27/00 Date (Signature acknowledges receipt only)

[Signature] Spill Response Investigator 4/27/00 Date (Original to RP, Copy to DEC)



# ORDER TO REMOVE VIOLATIONS FORTHWITH

April 27 2003  
(Date)

Insp. No. L1A 27191

TO Oswego Oil Service Corp.  
Inspection of the premises at: 45 Intersection 5th

Hempstead N.Y. 11550  
discloses the existence of certain violations of the Nassau County Fire Prevention Ordinances.

- 1.) Flammable / Combustible Liquid Storage tanks ~~do not~~ have valid registration certificates  
 \* ALL Flammable / Combustible storage tanks shall be registered with the Nassau County Fire Marshal.  
 \* The said tank registration must be posted at the place of business.
- 2.) There is no monthly inspection reports maintained at the facility  
 \* Conduct Monthly inspections of the facility and maintain a written record of the inspection.
- 3.) The above ground storage tanks are not marked as to when they were inspected and or tested,  
 \* Have tanks tested / inspected or Remove or properly abandon.

**YOU ARE HEREBY ORDERED TO REMOVE SAID VIOLATIONS FORTHWITH**

Section Penalties

Any person or business entity other than a corporation violating any provisions of this Article, or failing to comply therewith, or violating or failing to comply with any order or regulation made thereunder, shall upon conviction be guilty of a misdemeanor punishable by a fine not exceeding one thousand dollars (\$1,000) or by imprisonment or not more than one (1) year, or both for each and every offense. A corporation violating or failing to comply with any order or regulation made thereunder, shall upon conviction be guilty of a misdemeanor punishable by a fine not exceeding five thousand dollars (\$5,000) for each and every offense. The imposition of the penalty for any violation of the Article shall not excuse the violation or permit it to continue, and each fifteen (15) days that the prohibited conditions are maintained shall constitute a separate offense.

Received by: [Signature]  
(SIGNED)  
Vince Puccio P.I.  
(PRINT NAME) (TITLE)

**FIRE INSPECTOR  
OFFICE OF THE FIRE MARSHAL  
COUNTY OF NASSAU**

F.I. D. MAICHER SH.# 103

NASSAU COUNTY FIRE COMMISSION  
OFFICE OF FIRE MARSHAL  
899 JERUSALEM AVENUE  
P.O. BOX 128  
UNIONDALE, NEW YORK 11553-0128



BUREAU OF FIRE PREVENTION  
(516) 572-1000

# ORDER TO REMOVE VIOLATIONS FORTHWITH

April 27, 2000  
(Date)

Insp. No. LID 27191

TO Oswego Oil Service Corp.

Inspection of the premises at: 45 Intersection St.

Hamstead N.Y. 11550

discloses the existence of certain violations ~~of~~ of the Nassau County Fire Prevention Ordinances.

4.) ALL <sup>Flammable</sup> / combustible storage tanks are overdue for tightness testing

\* Have Flammable / combustible tanks "Tightness TESTED" or cease use and Remove or properly abandon.

5.) There is an accumulation of water in the "Dike Area".

\* Remove the water and dispose of properly.

\* Maintain the "Bond Tone" as required.

6.) There is evidence of "Product" spills on the property.

\* Clean up and dispose of properly all "Spills".

\* ALL Spills shall be reported to the Fire Marshal within two hours of the spill.

5/1/00 YOU ARE HEREBY ORDERED TO REMOVE SAID VIOLATIONS FORTHWITH  
Section Violations Penalties as stated

Received by: [Signature]  
(SIGNED)

James Ryan  
(PRINT NAME) (TITLE)  
FIRE INSPECTOR  
OFFICE OF THE FIRE MARSHAL  
COUNTY OF NASSAU

Any person or business entity other than a corporation violating any provisions of this Article, or failing to comply therewith, or violating or failing to comply with any order or regulation made thereunder, shall upon conviction be guilty of a misdemeanor punishable by a fine not exceeding one thousand dollars (\$1,000) or by imprisonment not more than one (1) year, or both for each and every offense. A corporation violating or failing to comply with any order or regulation made thereunder, shall upon conviction be guilty of a misdemeanor punishable by a fine not exceeding five thousand dollars (\$5,000) for each and every offense. The imposition of the penalty for any violation of the Article shall not excuse the violation or permit it to continue, and each fifteen (15) days that the prohibited conditions are maintained shall constitute a separate offense.

F.I. \_\_\_\_\_ SH.# \_\_\_\_\_



NASSAU COUNTY FIRE COMMISSION  
OFFICE OF FIRE MARSHAL  
899 JERUSALEM AVENUE  
P.O. BOX 128  
UNIONDALE, NEW YORK 11553-0128



BUREAU OF FIRE PREVENTION  
(516) 572-1000

# ORDER TO REMOVE VIOLATIONS FORTHWITH

April 27, 2000  
(Date)

Insp. No. L10 27191

TO Oswego Oil Service Corp.

Inspection of the premises at: 45 Intersection ST.

Hempstead N.Y. 11550

discloses the existence of certain violations of the Nassau County Fire Prevention Ordinances.

- 7.) The Fixed Fire Extinguishing system has not been test or inspected.  
\* Provide documentation as to the type of system and have it inspected and tested. This inspection/test shall be witnessed by the Fire Marshal.
- 8.) All the fill parts for all the underground Flammable/combustible storage tanks shall be marked as to the product contained therein.
- 9.) As the combustible/flamable storage tanks are not registered with the Fire Marshal. Cease use and empty in a legal manner. No Disposing.

**YOU ARE HEREBY ORDERED TO REMOVE SAID VIOLATIONS FORTHWITH**

Section Penalties

Received by:

J.P. Rhule  
(SIGNED)

John P. Rhule  
(PRINT NAME) (TITLE)

FIRE INSPECTOR  
OFFICE OF THE FIRE MARSHAL  
COUNTY OF NASSAU

F.I. R. Marshall SH.# 123

Any person or business entity other than a corporation violating any provisions of this Article, or failing to comply therewith, or violating or failing to comply with any order or regulation made thereunder, shall upon conviction be guilty of a misdemeanor punishable by a fine not exceeding one thousand dollars (\$1,000), or by imprisonment not more than one (1) year, or both for each and every offense. A corporation violating or failing to comply with any order or regulation made thereunder, shall upon conviction be guilty of a misdemeanor punishable by a fine not exceeding five thousand dollars (\$5,000) for each and every offense. The imposition of the penalty for any violation of the Article shall not excuse the violation or permit it to continue, and each fifteen (15) days that the prohibited conditions are maintained shall constitute a separate offense.

NASSAU COUNTY FIRE COMMISSION  
OFFICE OF FIRE MARSHAL  
899 JERUSALEM AVENUE  
P.O. BOX 128  
UNIONDALE, NEW YORK 11553-0128



BUREAU OF FIRE PREVENTION  
(516) 572-1000

# ORDER TO REMOVE VIOLATIONS FORTHWITH

4/27/2000  
(Date)

Insp. No. 27191

TO Oswego Oil Service Corp

Inspection of the premises at: 45 Intersection St., Hempstead, NY

discloses the existence of certain violations of ~~Part II~~ of the Nassau County Fire Prevention Ordinances.

- ① There is an excessive amount of combustible materials stored in the above location in an disorganized manner
- ② All combustibles shall be stored in a orderly manner and all waste is to be disposed of forthwith
- ③ There shall be no extension cords used in place of permanent electrical wiring
- ④ remove all extension cords at once.
- ⑤ All fire extinguishers shall be serviced as needed or not less than annually
- ⑥ All fire extinguishers shall be mounted and accessible for use at all times.
- ⑦ All electrical connections shall be in accordance with the National Electric Code. There shall be no open wiring or other modifications to the electrical wiring at the above location.

**YOU ARE HEREBY ORDERED TO REMOVE SAID VIOLATIONS FORTHWITH**

Section Penalties

Received by: J.P.H.

(SIGNED)

James P. Heaton  
(PRINT NAME)

Pass  
(TITLE)

FIRE INSPECTOR  
OFFICE OF THE FIRE MARSHAL  
COUNTY OF NASSAU

F.I. James P. Heaton

SH.# 107

Any person or business entity other than a corporation violating any provisions of this Article, or failing to comply therewith, or violating or failing to comply with any order or regulation made thereunder, shall upon conviction be guilty of a misdemeanor punishable by a fine not exceeding one thousand dollars (\$1,000) or by imprisonment not more than one (1) year, or both for each and every offense. A corporation violating or failing to comply with any order or regulation made thereunder, shall upon conviction be guilty of a misdemeanor punishable by a fine not exceeding five thousand dollars (\$5,000) for each and every offense. The imposition of the penalty for any violation of the Article shall not excuse the violation or permit it to continue, and each fifteen (15) days that the prohibited conditions are maintained shall constitute a separate offense.

Page 5 of 5

NASSAU COUNTY FIRE COMMISSION  
OFFICE OF FIRE MARSHAL  
899 JERUSALEM AVENUE  
P.O. BOX 128  
UNIONDALE, NEW YORK 11553-0128



BUREAU OF FIRE PREVENTION  
(516) 572-1000

# ORDER TO REMOVE VIOLATIONS FORTHWITH

4/27/2000  
(Date)

Insp. No. 27191

TO OSWEGO Oil Service Corp.

Inspection of the premises at: 45 INTERSECTION ST., HENRIETTA, NY

discloses the existence of certain violations of \_\_\_\_\_ of the Nassau County Fire Prevention Ordinances.

- ⑧ there shall be no combustible storage under any structure
- ⑨ Remove all combustible storage under existing structure
- ⑩ there shall be no flammable or combustible storage within the above noted location
- ⑪ Remove all ~~flam~~ storage containers with any flammable or combustible liquids from the building immediately.
- ⑫ there shall be no combustible storage within five feet of any electrical panels, hot water heaters, and/or heating plants.
- ⑬ Remove all combustible materials from within five feet of all electrical panels, hot water heaters and/or heating plants.
- ⑭ Repair and maintain all bonding cables located at the dispensing rack at the above location.

## YOU ARE HEREBY ORDERED TO REMOVE SAID VIOLATIONS FORTHWITH

Section Penalties

Any person or business entity other than a corporation violating any provisions of this Article, or failing to comply therewith, or violating or failing to comply with any order or regulation made thereunder, shall upon conviction be guilty of a misdemeanor punishable by a fine not exceeding one thousand dollars (\$1,000) or by imprisonment not more than one (1) year, or both for each and every offense. A corporation violating or failing to comply with any order or regulation made thereunder, shall upon conviction be guilty of a misdemeanor punishable by a fine not exceeding five thousand dollars (\$5,000) for each and every offense. The imposition of the penalty for any violation of the Article shall not excuse the violation or permit it to continue, and each fifteen (15) days that the prohibited conditions are maintained shall constitute a separate offense.

Received by: J.P. Pelt  
(SIGNED)

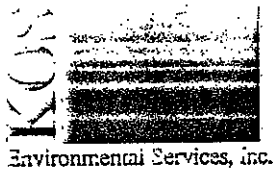
John Puccio Puccio  
(PRINT NAME) (TITLE)

FIRE INSPECTOR  
OFFICE OF THE FIRE MARSHAL  
COUNTY OF NASSAU

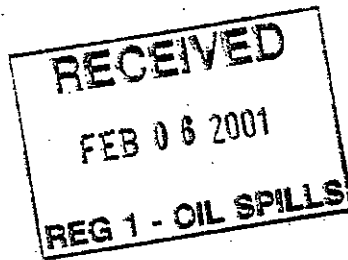
F.I. John Puccio SH.# 107

PC-1844-C-10/96





February 2, 2001



Mssrs. Nick Acampora and William O'Brien  
NYSDEC  
Bldg. 40 - S.U.N.Y.  
Stony Brook, N.Y. 11790

**Re: Oswego Oil Corp.  
45 Intersection Street  
Hempstead, N.Y.**

Dear Sirs:

On November 28, 2000 a joint meeting was held at Oswego Oil Service Corp. between Mssrs. N. Acampora and W. O'Brien of the NYSDEC, Darrel J. Kost P.E. (consultant for Oswego Oil Service Corp.) and Mr. John Rhodes of Oswego Oil Service Corp. The purpose of the meeting was to inspect the facility with respect to SPDES, Bulk Storage and spill requirements.

The results of the inspection identified the following issues:

**Item 1 - Loading Rack at Westerly Side of Property**

NYSDEC Issue - if this loading rack is going to be active it would be necessary to provide containment for loading/unloading of trucks as well as additional corrective actions needed to the existing pavement.

Response - There are no present or future plans to make this loading area active. The area will remain as it presently is.

**Item 2 - Containment Area for ASTs**

NYSDEC Issue - Existing "Bondtone" material located within the dike area needs to be removed and replaced with concrete.

Response - The "bondtone" material was removed and replaced with concrete in December, 2000.

**Item #3 - Existing utility pole located within containment area**

NYSDEC Issue - The wooden utility pole within the dike area may allow a discharge to penetrate beneath the dike floor area.

Response - The contact area between the concrete dike floor and the wooden utility pole will be sealed and inspected periodically. The placement of this pole was previously approved by the NCFM at the time of plan submission.

**Item #4 - Paving of Loading Rack area**

NYSDEC Issue - The loading rack area pavement and containment berm are in poor condition and in need of repair with regard to spill containment and prevention.

Response- Oswego Oil is scheduling to repave and repair the loading rack area this spring/summer of 2001.

**Item #5 - Paving of Off-loading area**

NYSDEC Issue - The off-loading area for the underground storage tanks is not paved and susceptible to a discharge of oil with respect to soil and/or groundwater.

Response - Oswego Oil will submit plans to the NCFM in the spring of 2001 for their approval regarding the paving/berming of this area. Subsequent to NCFM approval, Oswego Oil will pave this area in the summer of 2001.

**Item #6 - Paving & Containment at Pump location (northeast)**

NYSDEC Issue - The transfer pump area was recently excavated regarding the removal of contaminated soil. In order to minimize any future spills in this area, it was recommended that this area be paved and have proper containment.

Response - Oswego Oil will include this area with its plan submission to the NCFM in the spring of 2001. Improvement to this area will be made in the summer of 2001

**Item #7 - Additional excavation of contaminated soil at east end of loading rack**

NYSDEC Issue - The open excavation at the east end of the loading rack required an additional two feet of soil removal.

Response - This area was excavated, inspected by the NYSDEC and backfilled in December, 2000

**Item #8 - Abandonment of Existing Diesel USTs**

NYSDEC Issue - There are two existing diesel USTs that have not been used in years. These USTs require proper abandonment.

Response - Oswego Oil will properly abandon these USTs in Spring/Summer of 2001

**Item #9 - Bailing of Monitoring Wells on a daily basis**

NYSDEC Issue - Three monitoring wells were found to have floating product. These wells require bailing of product on a daily basis until a course of action is developed.

Response - Oswego Oil has been "bailing" these wells on a daily basis and has kept a log regarding the amount of oil recovered.

**Item # 10 - Fingerprinting of oil sample from westerly monitoring well**

NYSDEC Issue - A sample of "blackish" colored liquid was removed from a monitoring well on the westerly side of the facility. Due to groundwater contamination issues associated with an adjacent LIPA site, it was recommended to identify the liquid removed from the well. Subsequent to identification, remediation requirements would be discussed.

Response - The liquid was identified as "weathered #2 fuel oil or diesel fuel" by EcoTest Laboratories (analysis attached).

**Item #11 - SPDES Application**

NYSDEC Issue - A SPDES application must be submitted for this facility.

Response - Oswego Oil will submit a SPDES application by the end of February, 2001.

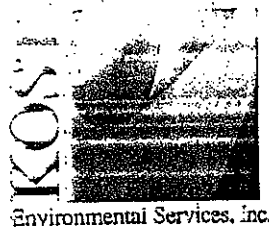
This information should summarize the items discussed at the 11/28/00 meeting. If additional information or corrections are needed, please contact me at 631-298-2292.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Darrel J. Kost". The signature is written in a cursive style with a large initial "D".

Darrel J. Kost P.E.

cc. Mr. J. Rhodes  
Mr. N. Damadeo



July 3, 2001

Mr. Nick Acampora  
New York State Dept. of Env. Conservation  
Bldg. 40 - SUNY  
Stony Brook, New York 11790

Re: **Subsurface Investigation**  
**Oswego Oil Service Corp.**  
**Hempstead, N.Y.**  
**Spill # 00-25127**

Dear Mr. Acampora:

As per our conversation regarding the Oswego Oil Service (OOS) site, a **Subsurface Investigation** will be performed to determine if any off-site contamination has occurred. Subsequent to that investigation, a Corrective Action Plan (CAP) will be submitted with respect to our findings.

The Subsurface Investigation work will include a geoprobe survey of the area as noted on the attached site plan. The geoprobe locations are based upon previous groundwater work performed at the site which indicates a southerly groundwater flow direction and a depth of thirty feet to water. Groundwater samples will be obtained from each geoprobe location and analyzed for STARS 8021 & 8270. No soil sampling is anticipated for this work effort. Subsequent to the geoprobe investigation, a determination will be made regarding the installation of any permanent monitoring wells and the need for corrective actions, if any.

Upon your review and concurrence of this planned scope for investigative work, we will commence work accordingly.

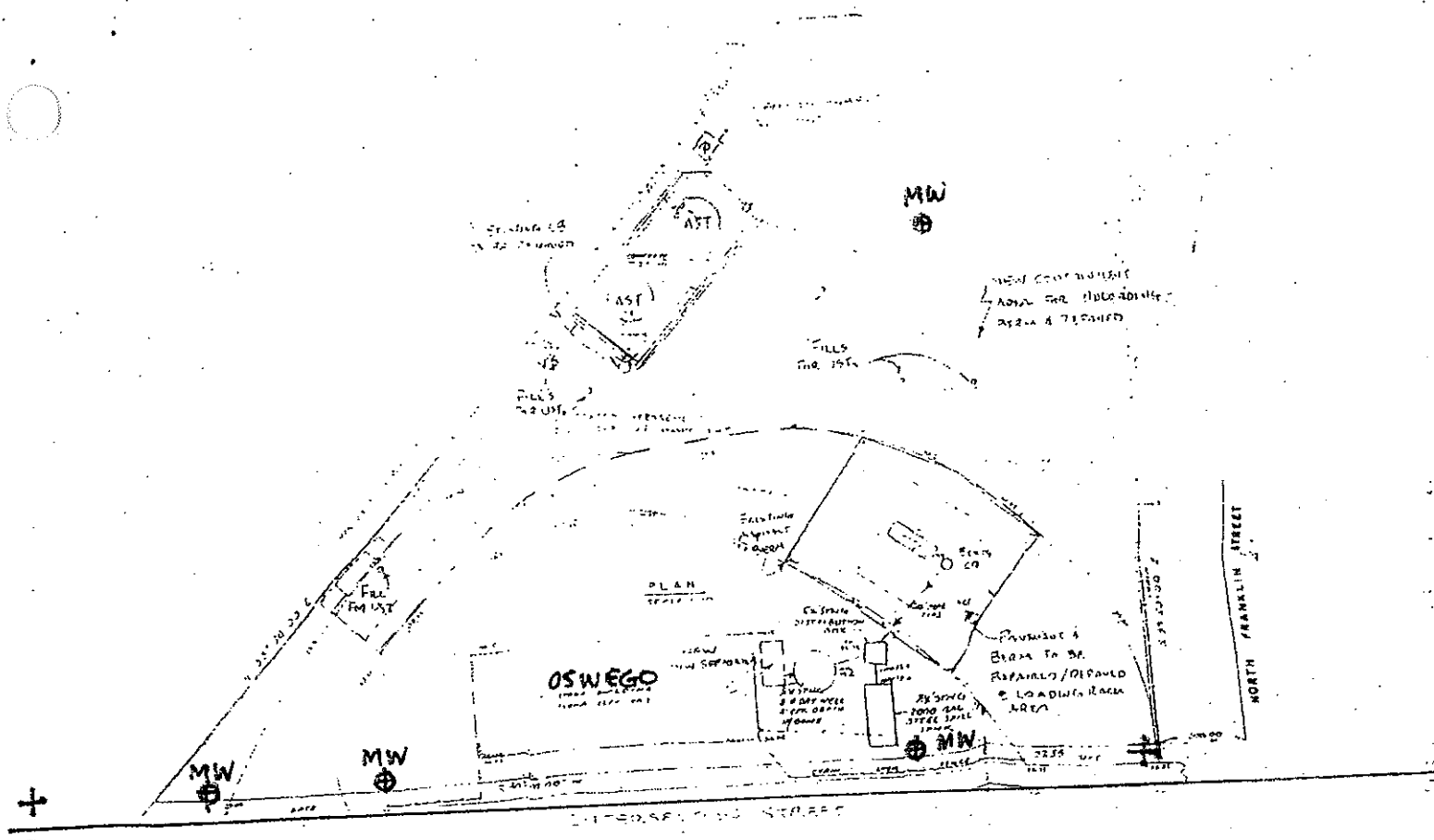
If you have any questions regarding this submittal, feel free to contact me at 631-298-2292.

Sincerely yours,

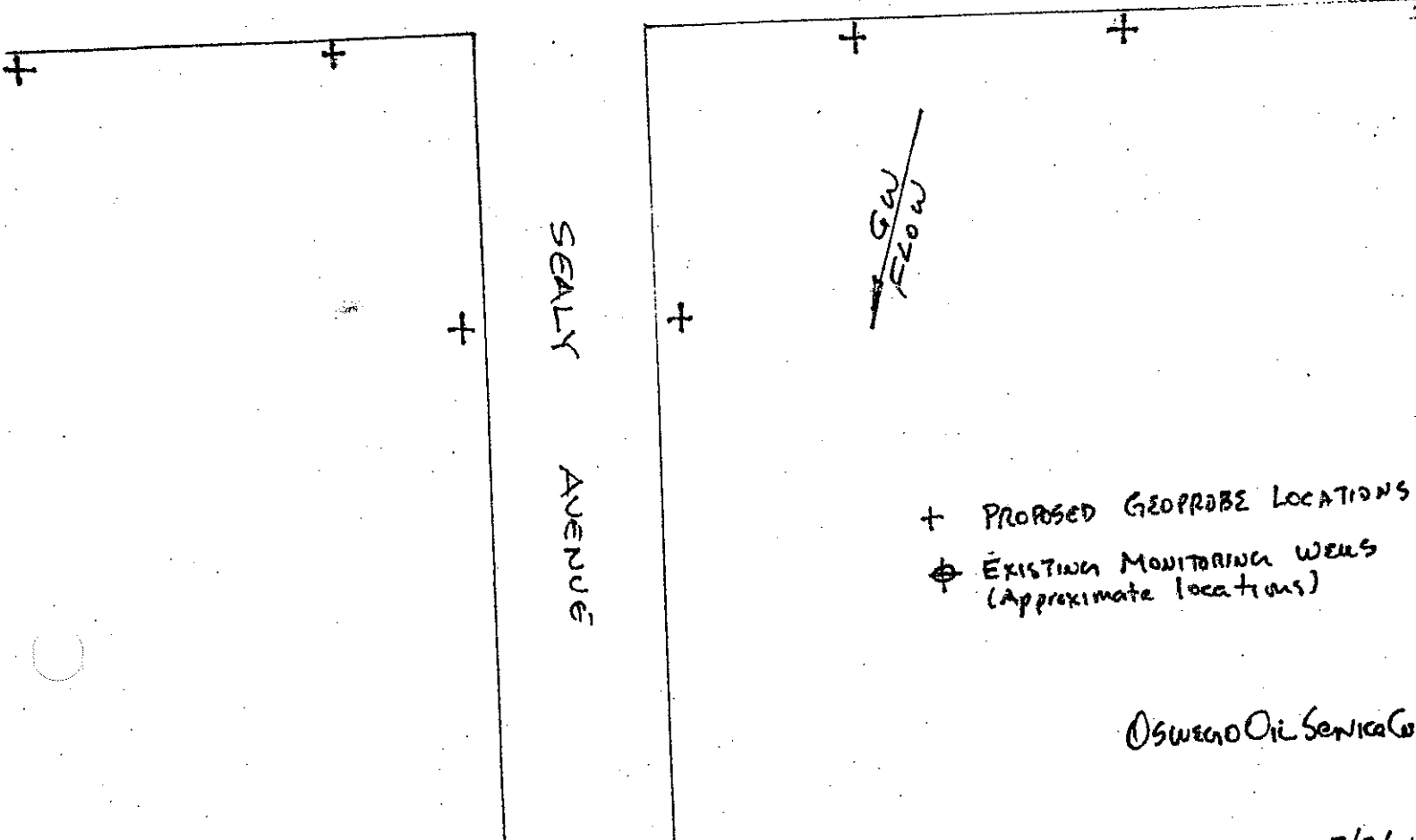
A handwritten signature in black ink that reads "Darrel J. Kost". The signature is stylized and written in a cursive-like font.

Darrel J. Kost P.E.

cc. John Rhodes  
Nicholas J. Damadeo  
Mary E. Carpentiere



INTERSECTION STREET



- + PROPOSED GEOPROBE LOCATIONS
- ⊕ EXISTING MONITORING WELLS (Approximate locations)

OSWEGO OIL SERVICE CORP

**ECOTEST LABORATORIES, INC.**

077 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5777

Email: [ecotestlab@aol.com](mailto:ecotestlab@aol.com) Website: [www.ecotestlabs.com](http://www.ecotestlabs.com)

LAB NO: 205506.00

12/08/00

Kost Environmental Inc.  
775 Ole Jule Lane  
Mattituck, NY 11952

ATTN: Daryl Kost

SOURCE OF SAMPLE: Oswego Oil  
COLLECTED BY: Client

DATE COL'D: 11/28/00 RECEIVED: 11/29/00

SAMPLE: Liquid sample, W-1, 11:00 am

**ANALYTICAL PARAMETERS**

Diesel Range Organic % >95\*

**ANALYTICAL PARAMETERS**

cc:

REMARKS: Diesel Range Organics by EPA Method 8015.  
(Quantified as Diesel Fuel).

\*Product appears to be weathered #2 Fuel Oil or Diesel Fuel.  
Quality of match = Good.

DIRECTOR 

New York State Department of Environmental Conservation  
Division of Legal Affairs, Regional Office  
Building 40 - SUNY, Stony Brook, New York 11790  
Phone: (631) 444-0260 Direct Line: (631) 444-0260  
Website: www.dec.state.ny.us



Erin M. Crotty  
Commissioner

July 15, 2002

*via facsimile and U.S. Mail*  
Nicholas J. Damadeo, Esq.  
14 Loft Road  
Smithtown, NY 11787

Re: **Oswego Oil Service Corporation** (DEC Case No. R1-20000522-4)

Dear Mr. Damadeo:

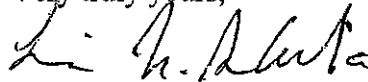
Pursuant to our meeting earlier today, in exchange for a suspended penalty payment of one thousand dollars (\$1,000) the Department has agreed to grant the above referenced Respondent an extension to come into compliance with its Schedule A requirements numbered 4 Paying of Loading Rack Area and number 5 Paying of Off-Loading Area. These requirements are to be completed no later than ninety (90) days from the date Respondent receives approval from both the Nassau County Fire Marshall's Office and the Nassau County Department of Health. Receipt of a bank certified check or money order for one thousand dollars (\$1,000) will resolve the outstanding Notice of Penalties Due dated March 27, 2002. If payment is not received by bank certified check or money order the check will be returned to your office and this matter will be deemed **unresolved**.

Also, as discussed at our meeting earlier today, it was agreed that Respondent will continue to bail monitoring well number 4 at least 3 to 5 times a week. Additional sampling will be done on monitoring wells 2 and 5 and a more aggressive floating product removal plan will be submitted to Nick Acampora by Monday, August 19, 2002. This plan must be approvable. Approvable means the plan is approvable by the DEC with minimal revision. "Minimal revision" shall mean that Respondent incorporates all revisions required by the DEC and resubmits the plan for approval within fifteen (15) calendar days after receipt of the written comments from the DEC.



This is the final offer by the Department to resolve this matter and it will remain open until Wednesday, July 24, 2002.

Very truly yours,



Louise M. DeCandia  
Assistant Regional Attorney

cc: W. O'Brien  
N. Acampora  
K.A. Murphy



311 2 2112

August 10, 2001

Mr. Nick Acampora  
NYS Dept. of Environmental Conservation  
Bldg. 40 S.U.N.Y.  
Stony Brook, N.Y. 11790-2356

Re: **Subsurface/Groundwater Investigation Report**  
**Oswego Oil Service Corp.**  
**45 Intersection Street**  
**Hempstead, New York**

Dear Mr. Acampora:

Attached is the **Subsurface/Groundwater Investigation Report** for the Oswego Oil Service Corp. (OOSC), 45 Intersection Street, Hempstead, New York. This report was prepared in accordance with your July 30, 2001 correspondence.

Overall, it is recommended that OOSC continue bailing of the three wells that show floating product intermittently and additional on-site testing of the remaining wells for dissolved fractions. In addition, it is recommended that no remedial work be initiated until the Keyspan groundwater issue is defined and information made available through Freedom of Information.

The analytical results for some of the boring locations did exceed NYSDEC groundwater guidelines but that was expected based on previous site data. The concentrations were also in the same general magnitude of previous sampling results recorded in 1993 when spill #90-03084 was "closed".

If you have any questions, call me at 631-298-2292.

Yours truly,

A handwritten signature in dark ink, appearing to read "Darrel J. Kost".

Darrel J. Kost P.E.

cc. Mr. J. Rhodes  
Mr. N. Damadeo



**SUBSURFACE/GROUNDWATER INVESTIGATION REPORT**

Oswego Oil Service Corp  
45 Intersection Street  
Hempstead, New York

*January 2002*

Prepared for: Oswego Oil Service Corp  
45 Intersection Street  
Hempstead, New York

Prepared By: Kost Environmental Services, Inc.  
775 Ole Jule Lane  
Mattituck, New York 11952

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I. Purpose and Scope	1
II. Historical Information	2
III. Subsurface Investigation	3
IV. Analytical Results	5
V. Discussion	9
VI. Conclusions	10

Appendix

## I. PURPOSE & SCOPE

The purpose of this report is to discuss the **Subsurface/Groundwater Investigation** conducted for the site identified as Oswego Oil Service Corp., 45 Intersection Street, Hempstead, New York.

The scope of work included the installation of subsurface borings downgradient of the subject property to determine and evaluate off-site groundwater conditions. A review of available historical documentation was also included within this investigation.

This work was performed in accordance with an approved NYSDEC work plan submitted by Kost Environmental Services, Inc. (KES) on July 3, 2001 and agreed upon with conditions by the NYSDEC on July 30, 2001.

## II. HISTORICAL INFORMATION

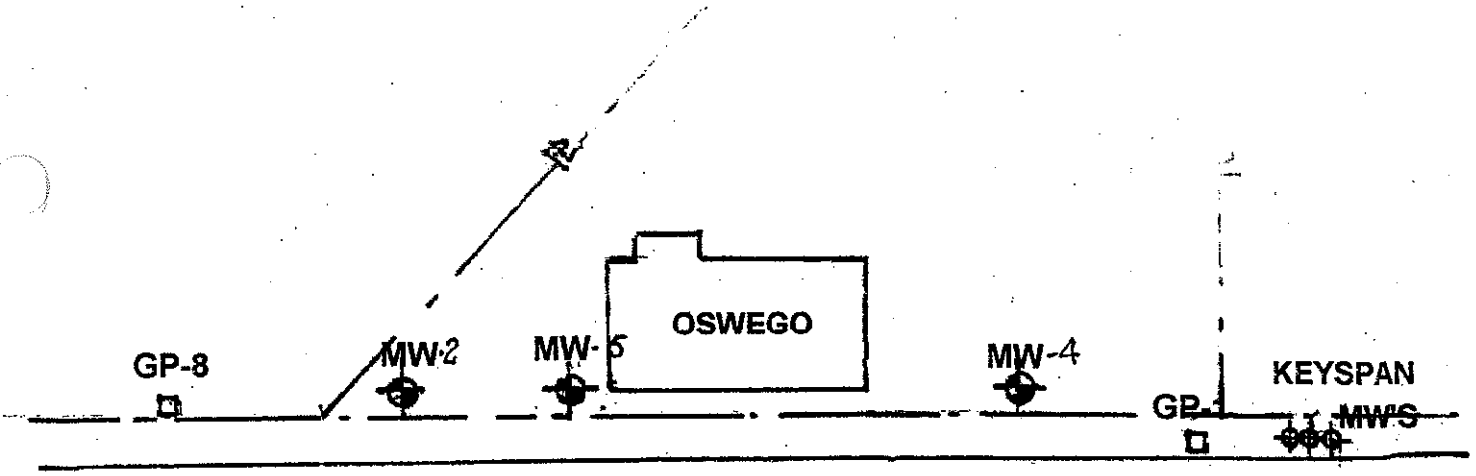
A review of the NYSDEC spill logs indicated that five spills were reported with respect to the Oswego site since 1986. These spills were identified as the following:

- 00-25127 7/14/00 Presence of floating product in monitoring wells. This groundwater investigation is a result of that spill reporting.
- 99-25536 3/28/00 Routine inspection by NYSDEC identified numerous spills and housekeeping problems. The items identified in this spill are presently being addressed i.e. recent removal of two abandoned USTs, upgrading of facility, etc.
- 97-04538 7/16/97 Line test failure from two ASTs to loading rack. The product line was repaired and approximately 20 c.y. of contaminated soil was removed and disposed of. Incident was "closed" in August 1997.
- 93-11634 12/29/93 Spill occurred at rack during fill operation  
Spill cleaned up and closed on 2/24/94.
- 90-03084 6/14/90 Poor filling of tanks & leaky equipment. This spill investigation resulted in the installation of five monitoring wells and groundwater analysis for dissolved contaminants. The investigation identified gasoline, fuel oil/diesel and "unknown hydrocarbon" contaminants in the groundwater. In addition, the investigation identified "upgradient" sources that may have contributed to the Oswego on-site contamination. Contaminant levels ranged from the presence of floating product in well #2 to non-detectable concentrations in well #4. Wells #2 and #5 indicated the highest dissolved concentrations also. The spill was "closed" by the NYSDEC on January 9, 1996 with dissolved concentrations ranging from a high of 4,525ppb (BTEX) in well #2 to a low of non-detect in well #4 (see Appendix).

### III. SUBSURFACE INVESTIGATION

On October 29, 2001, nine (9) subsurface borings to a depth of approximately thirty-seven (37) feet were performed at the subject site by Environmental Assessment & Remediations (EAR), of Patchogue, New York. The borings were located to the south (downgradient) of the Oswego property along the Village of Hempstead right-of-way for Intersection Street and Sealy Avenue. The borings were identified as borings GP-1 through GP-9 (See Figure 1 - Geoprobe Locations).

Groundwater samples (GP-1 thru GP-9) were obtained utilizing a direct push technique. The equipment was scrubbed in an Alconox solution and was rinsed with distilled water to prevent cross contamination. Soil samples were screened for odor by olfactory means. Visual inspection of all samples was also conducted to identify any obvious signs of contamination. Groundwater samples were obtained from each boring location using dedicated tubing and subsequent to removing three volumes of liquid.



INTERSECTION STREET

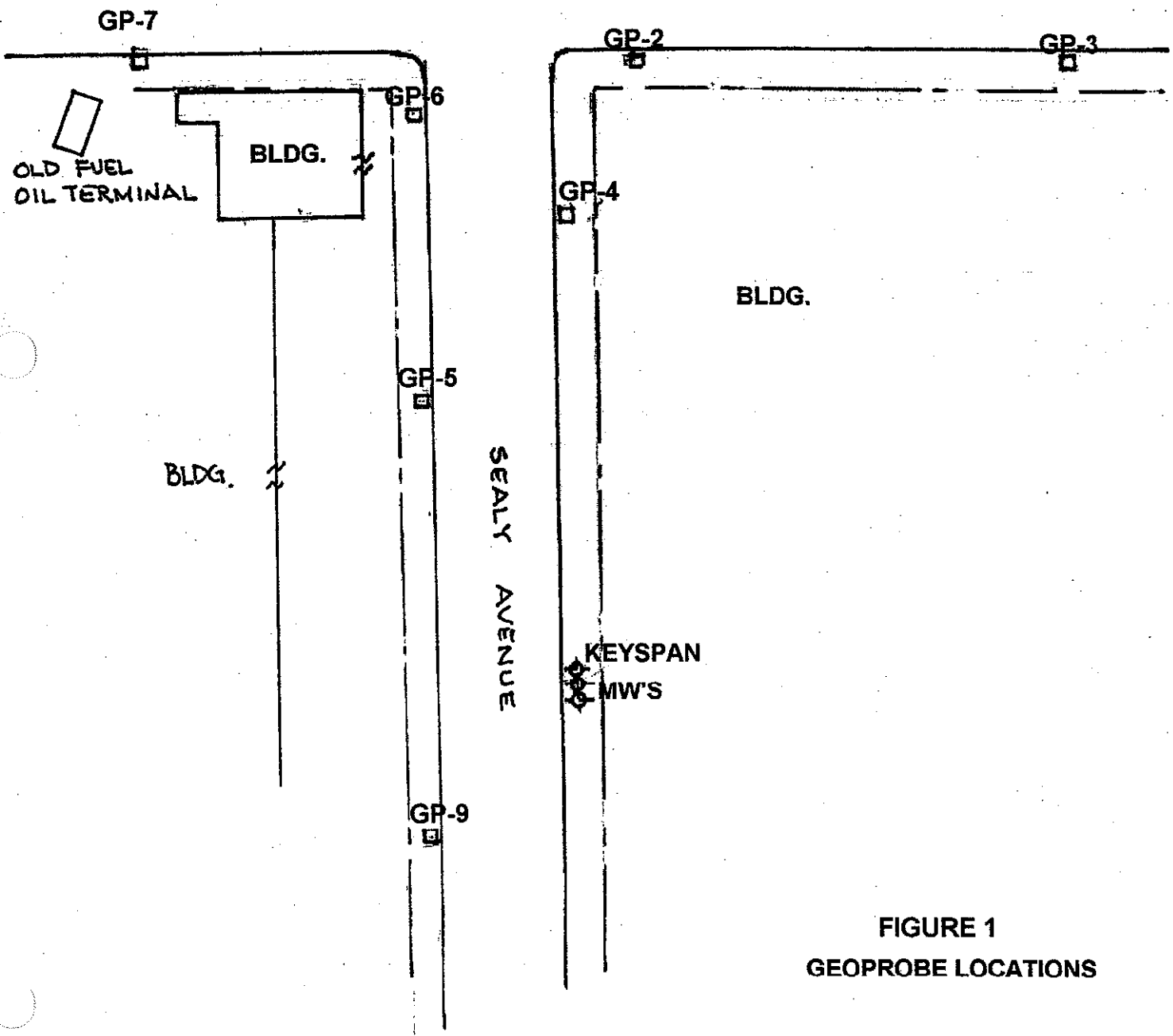


FIGURE 1  
GEOPROBE LOCATIONS



### III. ANALYTICAL RESULTS

The groundwater samples retained at the site were immediately refrigerated, and delivered to EcoTest Laboratories Inc. for analysis. The groundwater samples were analyzed for NYSDEC STARS Methods 8021 (Volatiles) and 8270 (Base/Neutrals).

The results of the laboratory analyses are summarized on **Table 1 - Groundwater Sample Analysis.**

#### GP-1 (Easterly property line for Oswego)

Detectable concentrations of **benzene**, toluene, **ethylbenzene**, **xylenes**, **isopropylbenzene**, **n-propylbenzene**, 1,3,5-trimethylbenzene, 1,2,4-trimethylbenzene, **sec-butylbenzene**, **naphthalene**, MTBE, **2-methylnaphthalene**, acenaphthene, flourene and phenanthrene were observed. The "bolded" concentrations exceeded New York State Ambient Water Quality Standards and Guidance Values (See Table 1).

#### GP-2 (Southside of Intersection Street)

Detectable concentrations of **benzene**, toluene, **ethylbenzene**, **xylenes**, **isopropylbenzene**, **n-propylbenzene**, 1,3,5-trimethylbenzene, tert-butylbenzene, 1,2,4-trimethylbenzene, **sec-butylbenzene**, isopropyltoluene, n-butylbenzene, **naphthalene**, **MTBE**, **2-methylnaphthalene**, acenaphthylene, acenaphthene, flourene, phenanthrene and anthracene were observed. The "bolded" concentrations exceeded New York State Ambient Water Quality Standards and Guidance Values (See Table 1).

#### GP-3 (East of Oswego property/Southside of Intersection St.)

Detectable concentrations of xylenes, 1,2,4-trimethylbenzene, naphthalene, **2-methylnaphthalene** and phenanthrene were observed. The "bolded" concentrations exceeded New York State Ambient Water Quality Standards and Guidance Values (See Table 1).

GP-4 (Eastside of Sealy Ave./South of GP-2)

Detectable concentrations of **benzene**, **toluene**, **ethylbenzene**, **xylenes**, **isopropylbenzene**, **n-propylbenzene**, **1,3,5-trimethylbenzene**, **tert-butylbenzene**, **1,2,4-trimethylbenzene**, **sec-butylbenzene**, **isopropyltoluene**, **naphthalene**, **MTBE**, **2-methylnaphthalene**, **acenaphthylene**, **acenaphthene**, **flourene**, **phenanthrene**, **anthracene**, **fluoranthene**, **pyrene**, **benzo(a)anthracene**, **chrysene**, **benzo(b)fluoranthene**, **benzo(k)fluoranthene** and **benzo(a)pyrene** were observed. The "bolded" concentrations exceeded New York State Ambient Water Quality Standards and Guidance Values (See Table 1).

GP-5 (Westside of Sealy Ave./South of GP-4)

Detectable concentrations of **benzene**, **toluene**, **ethylbenzene**, **xylenes**, **isopropylbenzene**, **n-propylbenzene**, **1,3,5-trimethylbenzene**, **1,2,4-trimethylbenzene**, **sec-butylbenzene**, **isopropyltoluene**, **naphthalene**, **MTBE**, **2-methylnaphthalene**, **acenaphthylene**, **acenaphthene**, **flourene**, **phenanthrene**, **anthracene**, **fluoranthene**, **pyrene**, **benzo(a)anthracene**, **chrysene**, **benzo(b)fluoranthene**, **benzo(k)fluoranthene** and **benzo(a)pyrene** were observed. The "bolded" concentrations exceeded New York State Ambient Water Quality Standards and Guidance Values (See Table 1).

GP-6 (Westside of Sealy Ave./North of GP-5)

Detectable concentrations of **benzene**, **toluene**, **ethylbenzene**, **xylenes**, **isopropylbenzene**, **n-propylbenzene**, **1,3,5-trimethylbenzene**, **1,2,4-trimethylbenzene**, **sec-butylbenzene**, **isopropyltoluene**, **naphthalene**, **MTBE**, **2-methylnaphthalene**, **acenaphthene**, **flourene**, **phenanthrene**, **anthracene**, **fluoranthene**, **pyrene**, **benzo(a)anthracene** and **chrysene** were observed. The "bolded" concentrations exceeded New York State Ambient Water Quality Standards and Guidance Values (See Table 1).

GP-7 (West of westerly Oswego property line/Southside of Intersection St.)

Detectable concentrations of **benzene, toluene, ethylbenzene, xylenes, isopropylbenzene, n-propylbenzene, 1,3,5-trimethylbenzene, 1,2,4-trimethylbenzene, isopropyltoluene, naphthalene, MTBE, 2-methylnaphthalene, acenaphthylene, acenaphthene, flourene, phenanthrene, anthracene, fluoranthene, pyrene, benzo(a)anthracene, chrysene, benzo(b)fluoranthene, benzo(k)fluoranthene and benzo(a)pyrene** were observed. The "bolded" concentrations exceeded New York State Ambient Water Quality Standards and Guidance Values (See Table 1).

GP-8 (50' west of westerly property line for Oswego/Northside of Intersection St.)

Detectable concentrations of **benzene, toluene, ethylbenzene, xylenes, isopropylbenzene, n-propylbenzene, 1,3,5-trimethylbenzene, 1,2,4-trimethylbenzene, isopropyltoluene, naphthalene, MTBE, 2-methylnaphthalene, acenaphthylene, flourene, phenanthrene and pyrene** were observed. The "bolded" concentrations exceeded New York State Ambient Water Quality Standards and Guidance Values (See Table 1).

GP-9 (Most southerly/Westside of Sealy Ave.)

Detectable concentrations of **xylenes, isopropylbenzene, 1,2,4-trimethylbenzene, naphthalene, 2-methylnaphthalene, acenaphthylene and phenanthrene** were observed. The "bolded" concentrations exceeded New York State Ambient Water Quality Standards and Guidance Values (See Table 1).

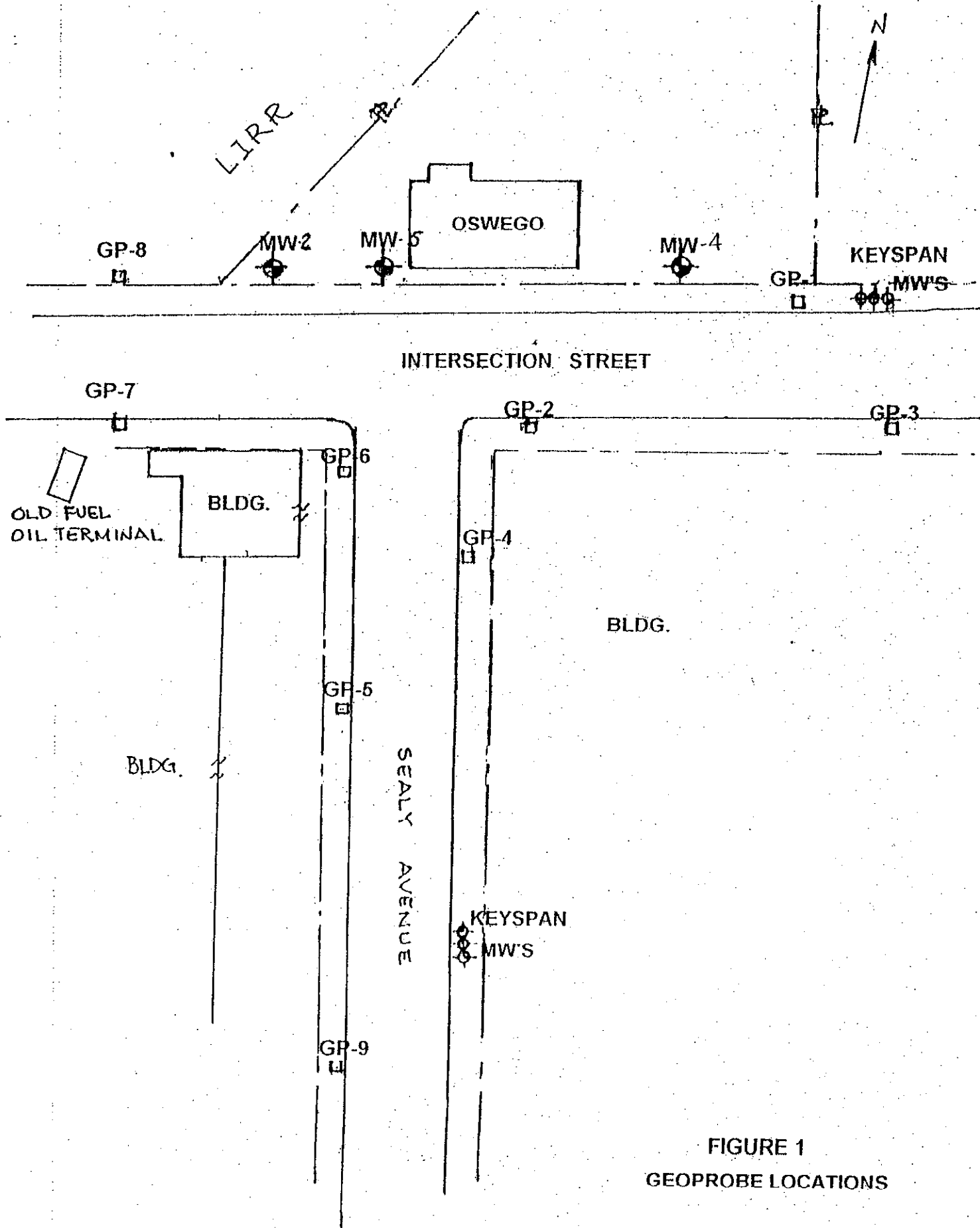
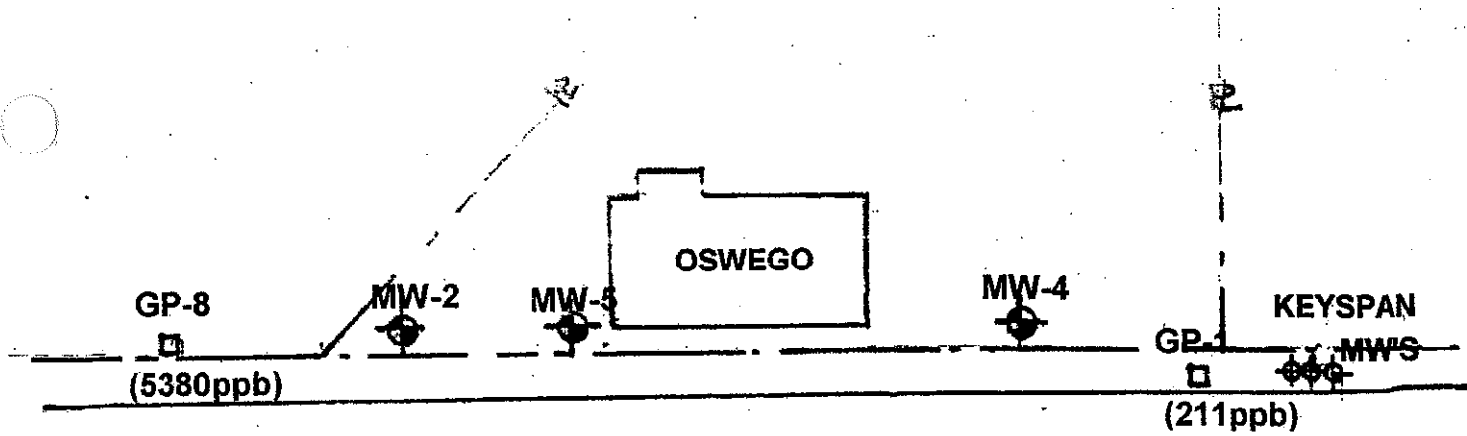


FIGURE 1  
GEOPROBE LOCATIONS

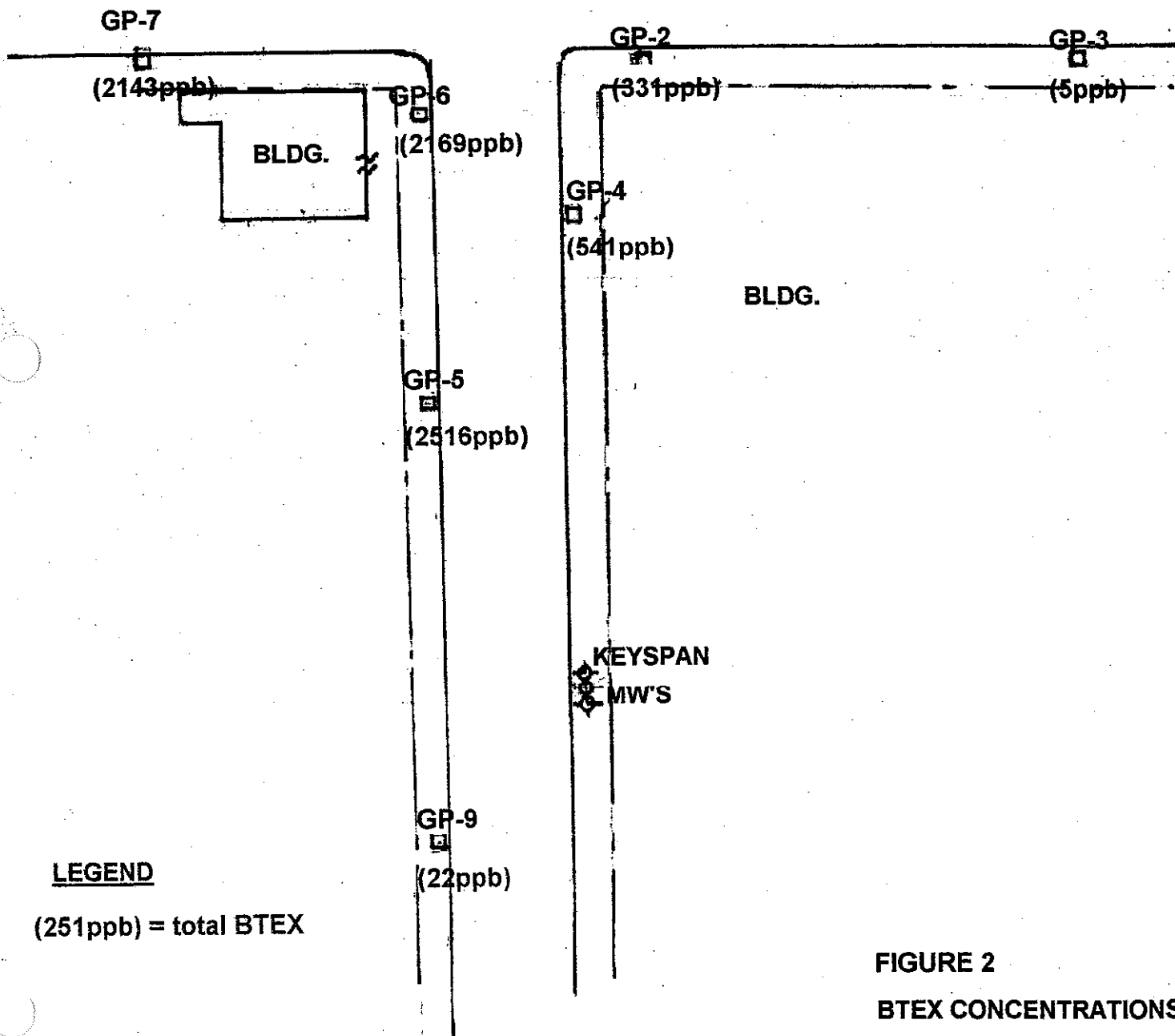
GROUNDWATER ANALYSIS	NYSDEC GROUP WATER SITE									
	GP-1	GP-2	GP-3	GP-4	GP-5	GP-6	GP-7	GP-8	GP-9	ppb 0.07
BENZENE	68	64	<MDL	110	16	79	58	27	<MDL	5
TOLUENE	2	40	<MDL	31	50	170	15	10	<MDL	5
ETHYLBENZENE	110	57	<MDL	130	850	520	870	1400	<MDL	15
XYLENES	31	170	5	270	1600	1400	1200	1800	22	5
ISOPROPYLBENZENE	19	13	<MDL	23	65	56	43	54	<MDL	5
N-PROPYLBENZENE	25	12	<MDL	18	24	28	17	26	<MDL	5
1,3,5-TRIMETHYLBENZENE	4	8	<MDL	19	110	110	86	120	<MDL	5
TERT-BUTYLBENZENE	<MDL	1	<MDL	1	<MDL	<MDL	<MDL	<MDL	<MDL	5
1,2,4-TRIMETHYLBENZENE	55	20	7	110	360	320	250	340	7	5
SEC-BUTYLBENZENE	7	7	<MDL	6	2	5	<MDL	<MDL	<MDL	5
ISOPROPYLTOLUENE	<MDL	2	<MDL	7	7	11	2	3	<MDL	5
N-BUTYLBENZENE	<MDL	3	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	5
NAPHTHALENE	270	320	6	170	2900	3400	1800	2300	71	10
MTBE	3	240	<MDL	120	3	15	19	4	<MDL	10
2-METHYLNAPHTHALENE	130	15	9	110	180	70	240	150	5	
ACENAPHTHYLENE	<MDL	8	<MDL	26	11	<MDL	120	62	2	
ACENAPHTHENE	4	4	<MDL	39	87	57	240	<MDL	<MDL	20
FLUORENE	5	6	<MDL	42	53	27	100	28	<MDL	50
PHENANTHRENE	6	8	1	100	120	68	260	45	1	50
ANTHRACENE	<MDL	1	<MDL	30	34	19	59	<MDL	<MDL	50
FLUORANTHENE	<MDL	<MDL	<MDL	24	28	18	66	<MDL	<MDL	50
PYRENE	<MDL	<MDL	<MDL	43	52	33	110	11	<MDL	50
BENZO(A)	<MDL	<MDL	<MDL	15	18	11	39	<MDL	<MDL	0.002
ANTHRACENE	<MDL	<MDL	<MDL	14	16	10	35	<MDL	<MDL	0.002
CHRYSENE	<MDL	<MDL	<MDL	5	6	<MDL	13	<MDL	<MDL	0.002
BENZO(B)	<MDL	<MDL	<MDL	5	6	<MDL	15	<MDL	<MDL	0.002
FLUORANTHENE	<MDL	<MDL	<MDL	10	11	<MDL	26	<MDL	<MDL	ND
BENZO(K) FLUORANTHENE	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	0.002
BENZO(A)PYRENE	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	0.002
INDENO(1,2,3-CD)	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	NR
PYRENE	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	NR
DIBENZO(A,H)	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	NR
ANTHRACENE	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	NR
BENZO(GHI)	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	NR
PERYLENE	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	NR

OSWEGO OIL  
TABLE 1  
GROUNDWATER SAMPLE ANALYSIS

<MDL= less than method detection level  
ND= non-detect  
NR= not regulated



INTERSECTION STREET



LEGEND

(251ppb) = total BTEX

FIGURE 2  
BTEX CONCENTRATIONS

#### IV. DISCUSSION

The off-site groundwater investigation has identified dissolved concentrations of BTEX ranging from 5380 ppb at GP-8 to a low of 5 ppb at GP-3. The dissolved plume extends approximately 250 feet to the southwest with its furthest extent unknown due to the presence of numerous structures throughout the area. The furthest westerly extent of the dissolved plume is also unknown due to the presence of numerous underground natural gas lines throughout the area. The easterly extent of the dissolved plume is approximately 50 feet to the east of the Oswego easterly property line. The northerly extent is also unknown due to the presence of off-site sources.

The present concentrations of total BTEX at GP-8 (5380 ppb) compared to the concentrations in 1994 at MW-2 (4525 ppb), when spill #90-03084 was "closed," are relatively of the same magnitude. MW-2 is approximately 50 feet to the east of GP-8. At the easterly sector, the concentrations of total BTEX at GP-1 (211 ppb) are slightly elevated from the concentrations in 1994 at MW-4 of non-detect BTEX.

There were two clusters of monitoring wells encountered during this investigation that were installed as part of the LILCO/Keyspan groundwater investigation regarding the Hempstead Gas Plant. This gas plant was previously located to the north and upgradient of the Oswego site. Recent discussion with the NYSDEC project manager, Mr. A. Omorogbe, who is overseeing this investigation, indicated that these wells have been sampled and analyzed. He also indicated that this information was not currently available through "freedom of information," but would be when the final report was issued in a year or so. It should be noted that the groundwater information regarding the gas plant investigation is important with respect to any possible actions undertaken at the Oswego site.

## V. CONCLUSIONS & RECOMMENDATIONS

Based upon the sampling/analysis program and historical information, the following is concluded and recommended:

- The groundwater samples obtained from the nine boring locations identified some concentrations of volatile/semi-volatile compounds in all nine locations that exceeded New York State Ambient Water Quality Standards and Guidance Values. The highest concentrations of total VOC/SVOCs were detected in boring locations GP-5, GP-6, GP-7 and GP-8, which are all located to the south and west of the subject property. The relative magnitude of these concentrations are similar to groundwater concentrations identified in 1994 for spill #90-03084 which was "closed" on January 9, 1996.
- Historical information has documented possible upgradient sources as contributing to the Oswego groundwater conditions. One of these sources has been identified as the LILCO/Keyspan Hempstead Plant. There is an ongoing investigation by Keyspan and the NYSDEC to identify contamination resulting from this gas plant's operation. It is recommended that this information be made available as soon as possible before any further remedial actions are undertaken at the Oswego site.
- Recent monitoring of the wells located on the Oswego property has indicated the intermittent presence of floating product in the southerly wells i.e. W-2, W-4 and W-5. These wells are presently being checked daily and bailed if needed. It is recommended that these wells continue to be checked and bailed and that the remaining wells on the site be sampled and analyzed for dissolved contaminants.



APPENDIX  
Analytical Results  
Historical Documentation

ANALYTICAL RESULTS

Tel: (631) 422-5777 • FAX: (631) 422-5770

Email: [ecotestlab@aol.com](mailto:ecotestlab@aol.com) Website: [www.ecotestlabs.com](http://www.ecotestlabs.com)

LAB NO: 215660.01

11/06/01

Kost Environmental Inc.  
775 Ole Jule Lane  
Mattituck, NY 11952  
ATTN: Daryl Kost

SOURCE OF SAMPLE: Oswego Oil, Hempstead  
COLLECTED BY: Client DATE COL'D: 10/29/01 RECEIVED: 10/30/01

SAMPLE: Water sample, GP-1

## ANALYTICAL PARAMETERS

ter-ButylMethylEther	ug/L	3
Benzene	ug/L	68
Toluene	ug/L	2
Ethyl Benzene	ug/L	110
m + p Xylene	ug/L	26
o Xylene	ug/L	5
Xylene	ug/L	31
Isopropylbenzene	ug/L	19
Propylbenzene	ug/L	25
1,3,5-Trimethylbenzene	ug/L	4
1,2,4-Trimethylbenzene	ug/L	55
sec-Butylbenzene	ug/L	7
p-Isopropyltoluene	ug/L	<1
n-Butylbenzene	ug/L	<1
Naphthalene(v)	ug/L	270
tert-Butylbenzene	ug/L	<1

## ANALYTICAL PARAMETERS

cc:

REMARKS: EPA Method 8021.

DIRECTOR 

LAB NO: 215660.01

11/06/01

Kost Environmental Inc.  
775 Ole Jule Lane  
Mattituck, NY 11952

ATTN: Daryl Kost

SOURCE OF SAMPLE: Oswego Oil, Hempstead  
COLLECTED BY: Client DATE COL'D: 10/29/01 RECEIVED: 10/30/01

SAMPLE: Water sample, GP-1  
UNITS: ug/L

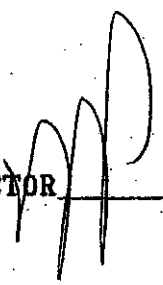
ANALYTICAL PARAMETERS

ANALYTICAL PARAMETERS

Naphthalene(sv)	150
2-Methylnaphthalene	130
Acenaphthylene	<1
Acenaphthene	4
Fluorene	5
Phenanthrene	6
Anthracene	<1
Fluoranthene	<1
Pyrene	<1
Benzo(a)anthracene	<1
Chrysene	<1
Benzo(b)fluoranthene	<1
Benzo(k)fluoranthene	<1
Benzo(a)pyrene	<1
Dibenzo(a,h)anthracene	<1
Indeno(1,2,3-cd)pyrene	<1
Benzo(ghi)perylene	<1

cc:

REMARKS: EPA Method 8270

DIRECTOR 

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 ATTN: Daryl Kost

SOURCE OF SAMPLE: Oswego Oil, Hempstead  
 COLLECTED BY: Client DATE COL'D: 10/29/01 RECEIVED: 10/30/01

SAMPLE: Water sample, GP-2

ANALYTICAL PARAMETERS

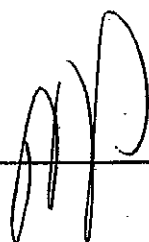
ter-ButylMethylEther	ug/L	240
Benzene	ug/L	64
Toluene	ug/L	40
Ethyl Benzene	ug/L	57
m + p Xylene	ug/L	62
o Xylene	ug/L	110
Xylene	ug/L	170
Isopropylbenzene	ug/L	13
Propylbenzene	ug/L	12
135-Trimethylbenzene	ug/L	8
124-Trimethylbenzene	ug/L	20
sec-Butylbenzene	ug/L	7
p-Isopropyltoluene	ug/L	2
n-Butylbenzene	ug/L	3
Naphthalene(v)	ug/L	320
tert-Butylbenzene	ug/L	1

ANALYTICAL PARAMETERS

cc:

REMARKS: EPA Method 8021.

DIRECTOR



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LAB NO: 215660.02

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Kost Environmental Inc.  
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ATTN: Daryl Kost

SOURCE OF SAMPLE: Oswego Oil, Hempstead  
COLLECTED BY: Client DATE COL'D: 10/29/01 RECEIVED: 10/30/01

SAMPLE: Water sample, GP-2  
UNITS: ug/L

ANALYTICAL PARAMETERS

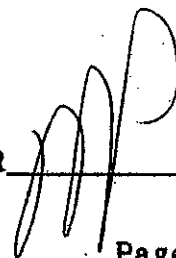
ANALYTICAL PARAMETERS

Naphthalene(sv)	210
2-Methylnaphthalene	15
Acenaphthylene	8
Acenaphthene	4
Fluorene	6
Phenanthrene	8
Anthracene	1
Fluoranthene	<1
Pyrene	<1
Benzo(a)anthracene	<1
Chrysene	<1
Benzo(b)fluoranthene	<1
Benzo(k)fluoranthene	<1
Benzo(a)pyrene	<1
Dibenzo(a,h)anthracene	<1
Indeno(1,2,3-cd)pyrene	<1
Benzo(ghi)perylene	<1

cc:

REMARKS: EPA Method 8270

DIRECTOR



**ECOTEST LABORATORIES, INC.**

E. V. R.

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LAB NO: 215660.03

11/06/01

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ATTN: Daryl Kost

SOURCE OF SAMPLE: Oswego Oil, Hempstead  
COLLECTED BY: Client DATE COL'D: 10/29/01 RECEIVED: 10/30/01

SAMPLE: Water sample, GP-3

**ANALYTICAL PARAMETERS**

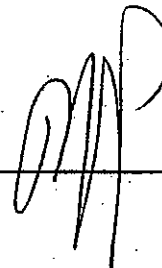
ter-ButylMethylEther	ug/L	<1
Benzene	ug/L	<1
Toluene	ug/L	<1
Ethyl Benzene	ug/L	<1
m + p Xylene	ug/L	3
o Xylene	ug/L	2
Xylene	ug/L	5
Isopropylbenzene	ug/L	<1
Propylbenzene	ug/L	<1
1,3-Trimethylbenzene	ug/L	<1
1,2,4-Trimethylbenzene	ug/L	7
sec-Butylbenzene	ug/L	<1
p-Isopropyltoluene	ug/L	<1
n-Butylbenzene	ug/L	<1
Naphthalene(v)	ug/L	6
tert-Butylbenzene	ug/L	<1

**ANALYTICAL PARAMETERS**

cc:

REMARKS: EPA Method 8021.

DIRECTOR





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LAB NO: 215660.03

11/06/01

Kost Environmental Inc.  
775 Ole Jule Lane  
Mattituck, NY 11952

ATTN: Daryl Kost

SOURCE OF SAMPLE: Oswego Oil, Hempstead  
COLLECTED BY: Client DATE COL'D: 10/29/01 RECEIVED: 10/30/01

SAMPLE: Water sample, GP-3  
UNITS: ug/L

ANALYTICAL PARAMETERS

ANALYTICAL PARAMETERS

Naphthalene(sv)	3
2-Methylnaphthalene	9
Acenaphthylene	<1
Acenaphthene	<1
Fluorene	<1
Phenanthrene	1
Anthracene	<1
Fluoranthene	<1
Pyrene	<1
Benzo(a)anthracene	<1
Chrysene	<1
Benzo(b)fluoranthene	<1
Benzo(k)fluoranthene	<1
Benzo(a)pyrene	<1
Dibenzo(a,h)anthracene	<1
Indeno(1,2,3-cd)pyrene	<1
Benzo(ghi)perylene	<1

cc:

REMARKS: EPA Method 8270

DIRECTOR



LAB NO: 215660.04 11/06/01

Kost Environmental Inc.  
775 Ole Jule Lane  
Mattituck, NY 11952  
ATTN: Daryl Kost

SOURCE OF SAMPLE: Oswego Oil, Hempstead  
COLLECTED BY: Client DATE COL'D: 10/29/01 RECEIVED: 10/30/01

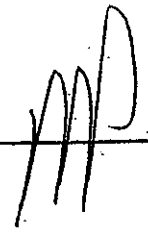
SAMPLE: Water sample, GP-4

ANALYTICAL PARAMETERS		
ter-ButylMethylEther	ug/L	120
Benzene	ug/L	110
Toluene	ug/L	31
Ethyl Benzene	ug/L	130
m + p Xylene	ug/L	130
o Xylene	ug/L	140
Xylene	ug/L	270
Isopropylbenzene	ug/L	23
Propylbenzene	ug/L	18
m-5-Trimethylbenzene	ug/L	49
124-Trimethylbenzene	ug/L	110
sec-Butylbenzene	ug/L	6
p-Isopropyltoluene	ug/L	7
n-Butylbenzene	ug/L	<1
Naphthalene(v)	ug/L	770
tert-Butylbenzene	ug/L	1

ANALYTICAL PARAMETERS

cc:

REMARKS: EPA Method 8021.

DIRECTOR 

# ECOTEST LABORATORIES, INC.

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ATTN: Daryl Kost

SOURCE OF SAMPLE: Oswego Oil, Hempstead  
COLLECTED BY: Client DATE COL'D: 10/29/01 RECEIVED: 10/30/01

SAMPLE: Water sample, GP-4  
UNITS: ug/L

## ANALYTICAL PARAMETERS

Naphthalene(sv)	160
2-Methylnaphthalene	110
Acenaphthylene	26
Acenaphthene	39
Fluorene	42
Phenanthrene	100
Anthracene	30
Fluoranthene	24
Pyrene	43
Benzo(a)anthracene	15
Chrysene	14
Benzo(b)fluoranthene	5^^
Benzo(k)fluoranthene	5^^
Benzo(a)pyrene	10
Dibenzo(a,h)anthracene	<10
Indeno(1,2,3-cd)pyrene	<10
Benzo(ghi)perylene	<10

## ANALYTICAL PARAMETERS

cc:

REMARKS: EPA Method 8270

^^Total = 10 ug/L, unable to separate isomers.

DIRECTOR 

# ECOTEST LABORATORIE

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LAB NO: 215660.05

11/06/01

Kost Environmental Inc.  
775 Ole Jule Lane  
Mattituck, NY 11952

ATTN: Daryl Kost

SOURCE OF SAMPLE: Oswego Oil, Hempstead  
COLLECTED BY: Client DATE COL'D: 10/29/01 RECEIVED: 10/30/01

SAMPLE: Water sample, GP-5

## ANALYTICAL PARAMETERS

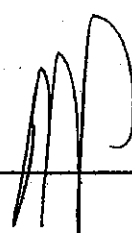
ter-ButylMethylEther	ug/L	3
Benzene	ug/L	16
Toluene	ug/L	50
Ethyl Benzene	ug/L	850
m + p Xylene	ug/L	820
o Xylene	ug/L	780
Xylene	ug/L	1600
Isopropylbenzene	ug/L	65
sec-Propylbenzene	ug/L	24
1,3-Trimethylbenzene	ug/L	110
1,2,4-Trimethylbenzene	ug/L	360
sec-Butylbenzene	ug/L	2
p-Isopropyltoluene	ug/L	7
n-Butylbenzene	ug/L	<1
Naphthalene(v)	ug/L	2900
tert-Butylbenzene	ug/L	<1

## ANALYTICAL PARAMETERS

cc:

REMARKS: EPA Method 8021.

DIRECTOR \_\_\_\_\_



LAB NO: 215660.05

11/06/01

Kost Environmental Inc.  
 775 Ole Jule Lane  
 Mattituck, NY 11952  
 ATTN: Daryl Kost

SOURCE OF SAMPLE: Oswego Oil, Hempstead  
 COLLECTED BY: Client DATE COL'D: 10/29/01 RECEIVED: 10/30/01

SAMPLE: Water sample, GP-5  
 UNITS: ug/L

## ANALYTICAL PARAMETERS

## ANALYTICAL PARAMETERS

Naphthalene(sv)	580
2-Methylnaphthalene	180
Acenaphthylene	11
Acenaphthene	87
Fluorene	53
Phenanthrene	120
Anthracene	34
Fluoranthene	28
Pyrene	52
Benzo(a)anthracene	18
Chrysene	16
Benzo(b)fluoranthene	6**
Benzo(k)fluoranthene	6**
Benzo(a)pyrene	11
Dibenzo(a,h)anthracene	<10
Indeno(1,2,3-cd)pyrene	<10
Benzo(ghi)perylene	<10

cc:

REMARKS: EPA Method 8270  
 \*\*Total = 12 ug/L, unable to separate isomers.

DIRECTOR 

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 E-mail: ecotestlabs@aol.com Website: www.ecotestlabs.com

LAB NO: 215600.06

11/06/01

Kost Environmental Inc.  
 775 Ole Jule Lane  
 Mattituck, NY 11952  
 ATTN: Daryl Kost

SOURCE OF SAMPLE: Oswego Oil, Hempstead  
 COLLECTED BY: Client DATE COL'D: 10/29/01 RECEIVED: 10/30/01

SAMPLE: Water sample, GP-6

## ANALYTICAL PARAMETERS

ter-ButylMethylEther	ug/L	15
Benzene	ug/L	79
Toluene	ug/L	170
Ethyl Benzene	ug/L	520
m + p Xylene	ug/L	850
o Xylene	ug/L	510
Xylene	ug/L	1400
Isopropylbenzene	ug/L	56
Propylbenzene	ug/L	28
1,3,5-Trimethylbenzene	ug/L	110
1,2,4-Trimethylbenzene	ug/L	320
sec-Butylbenzene	ug/L	5
p-Isopropyltoluene	ug/L	11
n-Butylbenzene	ug/L	<1
Naphthalene(v)	ug/L	3400
tert-Butylbenzene	ug/L	<1

## ANALYTICAL PARAMETERS

cc:

REMARKS: EPA Method 8021.

DIRECTOR 

ECOTEST LABORATORIES INC.

ENVIRONMENTAL TESTING

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11/06/01

Kost Environmental Inc.  
775 Ole Jule Lane  
Mattituck, NY 11952

ATTN: Daryl Kost

SOURCE OF SAMPLE: Oswego Oil, Hempstead  
COLLECTED BY: Client DATE COL'D: 10/29/01 RECEIVED: 10/30/01

SAMPLE: Water sample, GP-6  
UNITS: ug/L

ANALYTICAL PARAMETERS

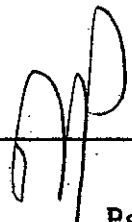
ANALYTICAL PARAMETERS

Naphthalene(sv)	54
2-Methylnaphthalene	70
Acenaphthylene	<10
Acenaphthene	37
Fluorene	27
Phenanthrene	68
Anthracene	19
Fluoranthene	18
Pyrene	33
Benzo(a)anthracene	11
Chrysene	10
Benzo(b)fluoranthene	<10
Benzo(k)fluoranthene	<10
Benzo(a)pyrene	<10
Dibenzo(a,h)anthracene	<10
Indeno(1,2,3-cd)pyrene	<10
Benzo(ghi)perylene	<10

cc:

REMARKS: EPA Method 8270

DIRECTOR



LAB NO: 215660.07

11/06/01

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775 Ole Jule Lane  
Mattituck, NY 11952  
ATTN: Daryl Kost

SOURCE OF SAMPLE: Oswego Oil, Hempstead  
COLLECTED BY: Client DATE COL'D: 10/29/01 RECEIVED: 10/30/01

SAMPLE: Water sample, GP-7

**ANALYTICAL PARAMETERS**

ter-ButylMethylEther	ug/L	19
Benzene	ug/L	58
Toluene	ug/L	15
Ethyl Benzene	ug/L	870
m + p Xylene	ug/L	530
o Xylene	ug/L	680
Xylene	ug/L	1200
Isopropylbenzene	ug/L	43
Propylbenzene	ug/L	17
1,3-Trimethylbenzene	ug/L	86
1,2,4-Trimethylbenzene	ug/L	250
sec-Butylbenzene	ug/L	<1
p-Isopropyltoluene	ug/L	2
n-Butylbenzene	ug/L	<1
Naphthalene(v)	ug/L	1800
tert-Butylbenzene	ug/L	<1

**ANALYTICAL PARAMETERS**

cc:

REMARKS: EPA Method 8021.

DIRECTOR 

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO: 215660.07

11/06/01

Kost Environmental Inc.  
775 Ole Jule Lane  
Mattituck, NY 11952

ATTN: Daryl Kost

SOURCE OF SAMPLE: Oswego Oil, Hempstead  
COLLECTED BY: Client DATE COL'D: 10/29/01 RECEIVED: 10/30/01

SAMPLE: Water sample, GP-7  
UNITS: ug/L

ANALYTICAL PARAMETERS

1aphthalene(sv)	470
2-Methylnaphthalene	240
1acenaphthylene	120
1acenaphthene	240
Fluorene	100
Phenanthrene	260
Anthracene	59
Fluoranthene	66
Pyrene	110
Benzo(a)anthracene	39
Chrysene	35
benzo(b)fluoranthene	15**
benzo(k)fluoranthene	15**
Benzo(a)pyrene	26
Dibenzo(a,h)anthracene	<10
Indeno(1,2,3-cd)pyrene	<10
Benzo(ghi)perylene	<10

ANALYTICAL PARAMETERS

cc:

REMARKS: EPA Method 8270  
\*\*Total = 30 ug/L, unable to separate isomers.

DIRECTOR





377 SHEFFIELD AVE. • BASTION, N.Y. 11703 • (801) 422-5777 • FAX (801) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO: 215660.08

11/06/01

Kost Environmental Inc.  
775 Ole Jule Lane  
Mattituck, NY 11952  
ATTN: Daryl Kost

SOURCE OF SAMPLE: Oswego Oil, Hempstead  
COLLECTED BY: Client DATE COL'D: 10/29/01 RECEIVED: 10/30/01

SAMPLE: Water sample, GP-8

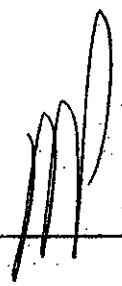
**ANALYTICAL PARAMETERS**

ter-ButylMethylEther	ug/L	4
Benzene	ug/L	27
Toluene	ug/L	10
Ethyl Benzene	ug/L	1400
m + p Xylene	ug/L	820
o Xylene	ug/L	1000
Xylene	ug/L	1800
Isopropylbenzene	ug/L	54
Propylbenzene	ug/L	26
135-Trimethylbenzene	ug/L	120
124-Trimethylbenzene	ug/L	340
sec-Butylbenzene	ug/L	<1
p-Isopropyltoluene	ug/L	3
n-Butylbenzene	ug/L	<1
Naphthalene(v)	ug/L	2300
tert-Butylbenzene	ug/L	<1

**ANALYTICAL PARAMETERS**

cc:

REMARKS: EPA Method 8021.

DIRECTOR 

ECOTEST LABORATORIES, INC.

100 WILHELM WALKER BLVD., N. BABYLON, N.Y. 11703 • (631) 422-6777 • FAX

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO: 215660.08

11/06/01

Kost Environmental Inc.  
775 Ole Jule Lane  
Mattituck, NY 11952

ATTN: Daryl Kost

SOURCE OF SAMPLE: Oswego Oil, Hempstead  
COLLECTED BY: Client DATE COL'D: 10/29/01 RECEIVED: 10/30/01

SAMPLE: Water sample, GP-8  
UNITS: ug/L

ANALYTICAL PARAMETERS

ANALYTICAL PARAMETERS

naphthalene(sv)	300
1-Methylnaphthalene	150
acenaphthylene	62
acenaphthene	<10
fluorene	28
phenanthrene	45
anthracene	<10
fluoranthene	<10
pyrene	11
benzo(a)anthracene	<10
chrysene	<10
benzo(b)fluoranthene	<10
benzo(k)fluoranthene	<10
benzo(a)pyrene	<10
dibenzo(a,h)anthracene	<10
indeno(1,2,3-cd)pyrene	<10
Benzo(ghi)perylene	<10

cc:

REMARKS: EPA Method 8270

DIRECTOR



ECOTEST LABORATORIES, INC.

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • 516-662-1111

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO: 215660.09

11/06/01

Kost Environmental Inc.  
775 Ole Jule Lane  
Mattituck, NY 11952  
ATTN: Daryl Kost

SOURCE OF SAMPLE: Oswego Oil, Hempstead  
COLLECTED BY: Client DATE COL'D: 10/29/01 RECEIVED: 10/30/01

SAMPLE: Water sample, GP-9

ANALYTICAL PARAMETERS

ter-ButylMethylEther	ug/L	<1
Benzene	ug/L	<1
Toluene	ug/L	<1
Ethyl Benzene	ug/L	<1
m + p Xylene	ug/L	9
o Xylene	ug/L	13
Xylene	ug/L	22
Isopropylbenzene	ug/L	2
Propylbenzene	ug/L	<1
1,3,5-Trimethylbenzene	ug/L	<1
1,2,4-Trimethylbenzene	ug/L	7
sec-Butylbenzene	ug/L	<1
p-Isopropyltoluene	ug/L	<1
n-Butylbenzene	ug/L	<1
Naphthalene(v)	ug/L	71
tert-Butylbenzene	ug/L	<1

ANALYTICAL PARAMETERS

cc:

REMARKS: EPA Method 8021.

DIRECTOR 

377 SHEPP RD. FAX (516) 422-8770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO: 215660.09

11/06/01

Kost Environmental Inc.  
775 Ole Jule Lane  
Mattituck, NY 11952

ATTN: Daryl Kost

SOURCE OF SAMPLE: Oswego Oil, Hempstead  
COLLECTED BY: Client DATE COL'D: 10/29/01 RECEIVED: 10/30/01

SAMPLE: Water sample, GP-9  
UNITS: ug/L

## ANALYTICAL PARAMETERS

## ANALYTICAL PARAMETERS

Naphthalene(sv)	53
2-Methylnaphthalene	5
Acenaphthylene	2
Acenaphthene	<1
Fluorene	<1
Phenanthrene	1
Anthracene	<1
Fluoranthene	<1
Pyrene	<1
Benzo(a)anthracene	<1
Chrysene	<1
Benzo(b)fluoranthene	<1
Benzo(k)fluoranthene	<1
Benzo(a)pyrene	<1
Dibenzo(a,h)anthracene	<1
Indeno(1,2,3-cd)pyrene	<1
Benzo(ghi)perylene	<1

cc:

REMARKS: EPA Method 8270

DIRECTOR 



Historical Documentation



1480 Inwood  
Fax 516 491 0771  
Tel 516 491 0882  
E-Mail [bmccaffrey@keyspaneergy.com](mailto:bmccaffrey@keyspaneergy.com)  
[www.keyspaneergy.com](http://www.keyspaneergy.com)

July 11, 2000

Brian R. McCaffrey, P.E.  
Vice President  
Environmental Engineering and Services

Dear Neighbor,

KeySpan Energy Corporation, working under an Order on Consent entered into with the New York State Department of Environmental Conservation (NYSDEC), will begin taking samples of soil and groundwater at and around its Hempstead (Intersection Street) Former Manufactured Gas Plant (MGP) site beginning approximately July 17. The samples and the analysis that will be undertaken by independent experts and NYSDEC will determine the environmental impacts that the plant may have had on the community and appropriate means to remediate the conditions that are found.

The MGP site began operations in the early 1900's and records indicate that the manufacturing operations ended sometime in the mid-1950's. The contaminants which we expect to find are byproducts of heating coal, oil and other hydrocarbons to produce gas, which was used for light and cooking in the Hempstead area prior to the completion of natural gas pipelines in the 1950's.

Included in the investigation will be installation of groundwater wells, monitoring wells both on and off the site, and the drilling of wells of various depths to take soil samples. Most of the offsite sampling will be done within two blocks of the current site perimeter, in areas where contamination may have migrated from the site. The drilling and digging of test pits may result in the release of odors, which should dissipate quickly. If we do notice or get reports of odors, there are measures that we will take to reduce their effect. However, while the odors may be unpleasant, they do not present a risk to public health. The workers on site will be wearing protective garments, as required by State and Federal regulations governing work of this type.

Documents related to the investigation are available to you at the Document Repositories, which are at the Hempstead Public Library on Washington Street, the Garden City Public Library on Seventh Street and at NYSDEC's Region 1 office in Stony Brook.

We are committed to minimizing any disruptions or inconvenience this work may cause and thank you for your cooperation. For news about the investigation or if you have any questions, please contact our Community Relations Hotline at 516-545-6161. Your call will be returned within one business day.

Sincerely,

BRM/lam





# NYSDEC SPILL REPORT FORM



DEC REGION# 1 (Stony Brook) SPILL NUMBER 0025127  
 SPILL NAME: OSWEGO OIL SERVICE CORP DEC LEAD: ACAMPORA 00-049  
 CALLER'S NAME: NICK ACAMPORA NOTIFIER'S NAME: DARRYL KOST  
 CALLER'S AGENCY: DEC SPILLS NOTIFIER'S AGENCY: KOST ENGINEERING  
 CALLER'S PHONE: (516) 444-0322 EXT. \_\_\_\_\_ NOTIFIER'S PHONE: \_\_\_\_\_ EXT. \_\_\_\_\_

SPILL DATE: 07/14/2000 TIME: 08:45  
 CALL RECEIVED DATE: 07/14/2000 TIME: 08:45 RECEIVED BY CID #: \_\_\_\_\_

Material Spilled	Mat. Class	Am't Spilled	Units	Am't Recovered
1) #2 FUEL OIL	<u>Pet</u> -Haz-Other-Unk.	Unknown	<u>Gal</u> - Lbs	Unknown
2) _____	Pet-Haz-Other-Unk.	_____	Gal - Lbs	_____
3) _____	Pet-Haz-Other-Unk.	_____	Gal - Lbs	_____
4) _____	Pet-Haz-Other-Unk.	_____	Gal - Lbs	_____

### SPILL LOCATION

PLACE: OSWEGO OIL SERVICE CORP  
 STREET: 45 INTERSECTION STREET  
 T/C/V: HEMPSTEAD CO: NASSAU  
 CONTACT: JOHN RHODES  
 PHONE: (516) 485-3900 EXT. \_\_\_\_\_

### POTENTIAL SPILLER

NAME: OSWEGO OIL SERVICE CORP  
 STREET: 45 INTERSECTION STREET  
 CITY: HEMPSTEAD  
 STATE: NY ZIP: \_\_\_\_\_  
 CONTACT: JOHN RHODES  
 PHONE: (516) 485-3900 EXT. \_\_\_\_\_

### SPILL CAUSE

Human Error  Tank Test Failure\*  Tank Failure  
 Accident  Housekeeping  Tank Overfill  
 Equipment Failure  Deliberate  Other  
 Vandalism  Abandoned Drums  Unknown

### SPILL SOURCE

Gas Station  Private Dwelling  Non-Maj Facility  
 Passenger Vehicle  Vessel  Comm/Indust  
 Comm. Vehicle  Railroad Car  Non-Comm/Instit  
 Tank Truck  Major Facility  Unknown

### RESOURCE AFFECTED

On Land  Groundwater  Air   
 In Sewer  Surface Water\*\*

### SPILL REPORTED BY

Responsible Party  Tank Tester  Local Agency   
 Affected Persons  DEC  Federal Gov't   
 Police Department  Citizen  Other   
 Fire Department  Health Dept.

\*\* WATERBODY: \_\_\_\_\_

CALLER REMARKS: DURING SITE INVESTIGATION, ENGINEERING COONSULTANT FOR THE RP DISCOVERED FLOATING PRODUCT IN SEVERAL MONITORING WELLS LOCATED ON THE PROPERTY. PREVIOUS SPILL NUMBERS EXIST.

PBS Number	Tank Number	Tank Size	Test Method	Leak Rate

PRIMARY CONTACT CALLED DATE: \_\_\_\_\_ TIME: \_\_\_\_\_ hrs. REACHED DATE: \_\_\_\_\_ TIME: \_\_\_\_\_ hrs.  
 SECONDARY CONT. CALLED DATE: \_\_\_\_\_ TIME: \_\_\_\_\_ hrs. FAXED BY CID#: \_\_\_\_\_

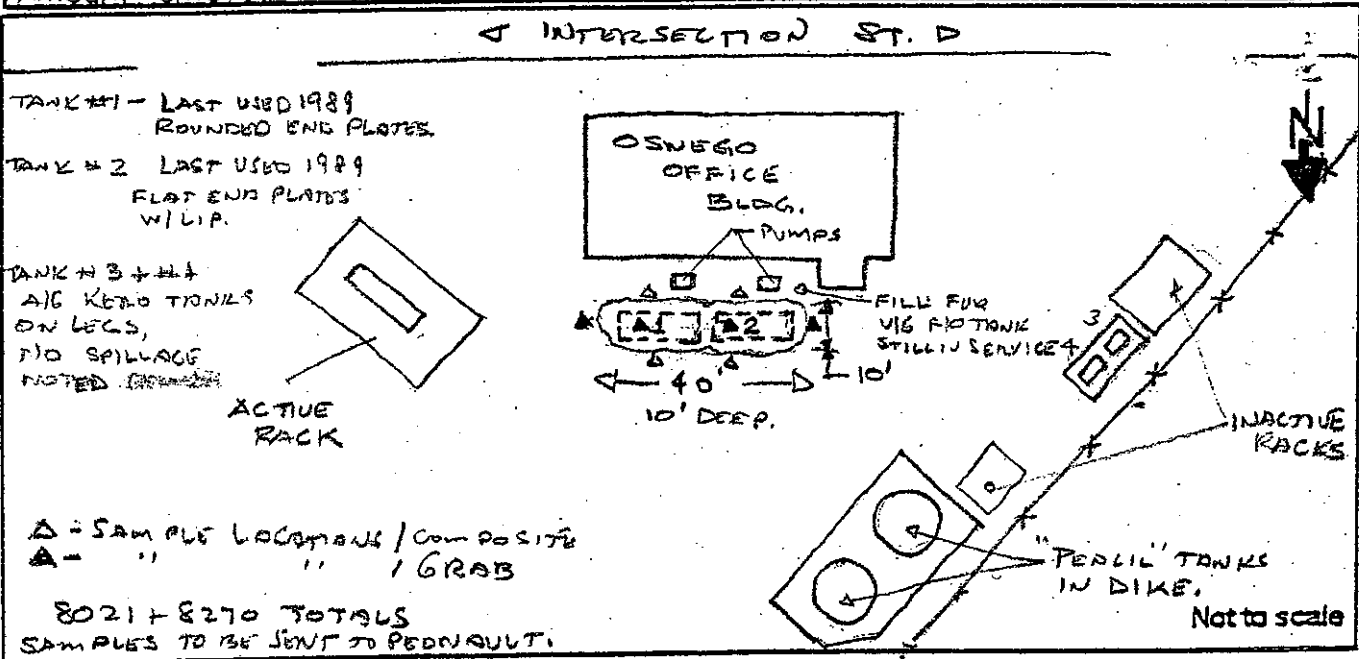
PIN #	T & A	Cost Center	SR to Central Office
Cleanup Ceased	Meets St'ds	NO	Last Inspection
Penalty	NO		
CUI	ENF-INIT	INVES-COM	CAP
UST Trust Eligible	NO	Site: A <u>B</u> C D E	Resp. Party 1 2 <u>3</u> 4 5 6
			Reg Close Date

NYS DEC-Region 1 Tank Removal Report Routine (Spill) # 00-25127

Establishment		Representatives On Site	
Name OSWEGO FIO	Address 45 INTERSECTION ST. (Nearest X St. FRANKLIN AVE.)	Municipality HEMPSTEAD	County Nassau/ Suffolk
Phone (516) 485-3900			
Contractor WERNER CONSTRUCTION		Foreman JIM WOERNER	
Owner / Rep. Of Establishment Name JOHN RILEDES		Address SAME	
Phone		Other P. DANIELS / DENNINBER ENU.	

Tank #	1	2	3	4		
Removal Date/Time	11/15/01	11/15/01	11/15/01	11/15/01		
Tank Size	1000	1000	275	275		
Content	DIESEL	DIESEL	KERO.	KERO.		
Pump System	Sub/Suct	Sub/Suct	Sub/Suct	Sub/Suct	Sub/Suct	Sub/Suct
Type of Tank	(S) F S/F	(S) F S/F	(S) F S/F	(S) F S/F	S F S/F	S F S/F
Degree of Corrosion	MOD.	SEVERE	A.G.	A.G.		
Pitting	MOD.	SUBRE	TANK	TANK		
Stain	NONE	NONE	NONE	NONE		
# of Holes/Cracks	3 NOTED	15 NOTED	NONE NOTED	NONE NOTED		
Tank Test Failure?	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
Contaminated Soil Found?	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
Amount Removed	← 20 YDS →	← 15 YDS →				

FRANKLIN



11/15/01 @ 10:52 - ACCOMPANY ON SITE. MET W/ THE ABOVE REFERENCED REPS. TANK #1 UNCOVERED UPON ARRIVAL. MINOR ODOOR NOTED IN STOCKPILED SOIL. UPON REMOVAL OF TANK #1, INSTRUCTED J. WOERNER TO OVEREXCAVATE @ BOTTOM OF EXCAVATION. P.H.D. READINGS > 50ppm, LESS THAN 10ppm. SLIGHT ODOOR, NO OBVIOUS SPILLING. FOUND 3 HOLES ALONG BOTTOM OF TANK. STOCKPILED APPROX 20 YDS. PROCEEDED W/ REMOVAL OF TANK #2. SIMILAR SOIL CONDITIONS NOTED. FOUND NUMEROUS HOLES @ BOTTOM OF TANK. TANK #4 DID HAVE SMALL AMOUNT OF BRISLY COLORED MATERIAL. GAVE O.K. TO BACKFILL EXCAVATION AFTER BOTTOM + SIDEWALL SAMPLING COMPLETED BY WERNER ENVIRONMENTAL.

DEC INSPECTOR: AD ACCOMPANY DATE: 11/15/01

\*TANKS #3 + 4 REMOVED AFTER MY DEPARTURE. NO OBVIOUS LEAKAGE. TANKS A/G



May 1, 2002

Mr. Nick Acampora  
NYS Dept. of Environmental Conservation  
Bldg. 40 S.U.N.Y.  
Stony Brook, N.Y. 11790-2356

RECEIVED

MAY 08 2002

REG 1 - OIL SPILL

Re: **Monthly Reports for Monitoring Wells -  
December 2001 thru April 2002  
Oswego Oil Service Corp.  
45 Intersection Street  
Hempstead, New York**

Dear Mr. Acampora:

Reference is made to your correspondence dated February 14, 2002 regarding the monthly submittal of ground water data for the subject facility.

Attached is a table of inches of product recorded via a bailer and the amount of water/oil recovered from each well. Data recording the depth to water and depth to product for each well will be supplied to you in future reports. We apologize for the mix-up.

If you have any questions regarding this information, feel free to contact me at 631-298-2292.

Sincerely,

A handwritten signature in black ink, appearing to read "Barrel J. Kost". The signature is fluid and cursive, with a prominent initial "B".

Barrel J. Kost P.E.

cc. Mr. J. Rhodes

DATE	MW2 (WEST)		MW4 (EAST)		MW5 (MIDDLE)	
	PRODUCT IN BAILER	PRODUCT REMOVED	PRODUCT IN BAILER	PRODUCT REMOVED	PRODUCT IN BAILER	PRODUCT REMOVED
12/27/01	1"	3 QTS	2"	6 QTS	8	21 QTS
1/3/02	1	3	3	71/2	81/2	221/2
1/4/02	1	3	3	71/2	7	18
1/7	1	41/2	21/2	6	7	191/2
1/9	1	3	3	9	61/2	18
1/14	1	3	4	101/2	8	21
1/15	1	3	4	12	8	221/2
1/21	1	3	4	101/2	7	21
1/23	1	3	4	12	7	221/2
1/24	1	3	41/2	15	8	24
1/29	1	3	5	131/2	8	24
1/30	1	33/4	4	12	8	221/2
1/31	1	3	4	12	8	221/2
2/2	1	41/2	4	123/4	8	24
2/5	2	71/2	5	161/2	81/2	251/2
2/6	21/2	41/2	51/2	161/2	9	24
2/7	2	3	4	12	8	24
2/8	2	41/2	41/2	161/2	8	221/2
2/11	11/2	33/4	5	171/4	81/2	24
2/13	2	41/2	5	161/2	81/2	24
2/14	11/2	51/4	5	153/4	8	251/2
2/15	11/2	41/2	5	171/4	8	221/2
2/19	2	6	51/2	18	9	251/2
2/20	2	41/2	51/2	161/2	8	24
2/21	2	41/2	6	171/4	81/2	24
2/25	2	6	6	18	8	251/2
2/26	11/2	3	51/2	161/2	81/2	24
2/27	2	41/2	5	161/2	81/2	243/4
2/28	11/2	41/2	5	153/4	7	191/2
3/5	2	41/2	6	161/2	8	213/4
3/8	2	6	6	161/2	8	24
3/9	2	6	6	18	8	243/4
3/12	2	51/4	6	183/4	81/2	221/2
3/14	2	63/4	6	18	8	24
3/16	2	6	6	18	81/2	243/4
3/20	21/2	63/4	7	191/2	9	251/2
3/21	21/2	6	71/2	221/2	9	24
3/23	2	6	7	201/4	8	21
3/26	21/2	63/4	7	221/2	8	21
3/28	3	71/2	8	30	7	15
4/2	4	12	7	221/2	71/2	191/2
4/4	41/2	9	7	27	7	18
4/8	31/2	71/2	8	30	6	15
4/10	41/2	15	81/2	24	7	221/2
4/11	6	191/2	8	251/2	61/2	161/2
4/15	6	153/4	8	24	71/2	21


**OSWEGO OIL**



RECEIVED  
DEC 24 2003  
REG 1 - OIL SPILLS

December 20, 2003

SPILL # 00-25127

1/5/03 @ 14:30 -  
ACAMPORA HAD TELECON W/  
D. KOST. ADVISED HWM TREN.  
IF EQ. IS OUT OF SERVICE  
THEY MUST CONTINUE  
MANUAL BAILING. HG  
UNOBSERVED. 

Mr. Nick Acampora  
NYS Dept. of Environmental Conservation  
Bldg. 40 S.U.N.Y.  
Stony Brook, N.Y. 11790-2356

Re: Monthly Reports for Monitoring Wells -  
December 2002 thru December 2003  
Oswego Oil Service Corp.  
45 Intersection Street  
Hempstead, New York

Dear Mr. Acampora:

The following information will update you with regard to the Oswego facility and its ongoing operations since our last written correspondence of December 2002.

The remediation system consisting of Spill Buster product recovery pumps became operational in November 2002. The system recovered product initially but since August of 2003 has not been operational due to improvements being made at the facility. These improvements are required by the Consent Order signed with the NYSDEC regarding runoff issues and proper containment. In addition, there were mechanical problems encountered with the Spill Buster equipment, which required removal of the pumps for repair under the warranty in the winter of 2003. The equipment has been repaired but is not operational due to the ongoing SPDES construction improvements at the facility. It is expected that the construction will be completed in the spring of 2004 and the recovery system will be operational at that time.

The groundwater tapings regarding the on-site monitoring wells for Oswego Oil since the last report are tabulated in the following table. Please note that due to heavy snow conditions of last winter, groundwater monitoring readings were not performed.

DATE	MW2	MW3	MW4	MW5	COMMENTS
12/15/02	DTP DTW 34.97* Prod.	DTP DTW 33.26 Prod. 0	DTP DTW 34.43* Prod.	DTP DTW33.97* Prod.	*bottom of well-dry
1/16/03	DTP DTW 34.97* Prod.	DTP - DTW 33.14 Prod. 0	DTP DTW 34.43* Prod.	DTP 33.40 DTW 33.50 Prod. 0.10	*bottom of well-dry
2/16/03	DTP DTW na Prod.	DTP DTW na Prod.	DTP DTW na Prod.	DTP DTW na Prod.	All wells snow covered and inaccessible
3/11/03	DTP DTW na Prod.	DTP DTW na Prod.	DTP DTW na Prod.	DTP DTW na Prod.	All wells snow covered and inaccessible
4/7/03	DTP DTW na Prod.	DTP DTW na Prod.	DTP DTW na Prod.	DTP DTW na Prod.	All wells snow covered and inaccessible
9/25/03	DTP 31.11 DTW 31.18 Prod. 0.07	DTP - DTW 30.88 Prod. 0	DTP 30.88 DTW 30.97 Prod. 0.09	DTP 31.04 DTW 31.08 Prod. 0.04	Recovery system not operating; orange/brown product in MW-2 and MW-5 unlike MW-4 product
12/20/03	DTP 30.07 DTW 30.17 Prod. 0.10	DTP - DTW 29.75 Prod. 0	DTP 29.51 DTW 29.62 Prod. 0.11	DTP 29.94 DTW 29.97 Prod. 0.03	Recovery system not operating; orange/brown product in MW-2 and MW-5 unlike MW-4 product

If you have any questions regarding this information, feel free to contact me at 631-298-2292.

Sincerely,



Darrel J. Kost P.E.

cc. Mr. J. Rhodes  
Mr. N. Damadeo



Field Notes    Phone Conversation    Meeting Notes   Spill No. 00-25127

Location			Representatives on site	time in	time out
Name <u>OSWEGO OIL TERMINAL</u>			<u>DEC DEAMARA</u>	<u>1306</u>	<u>1351</u>
Address <u>INTERSECTION STREET</u>			<u>J. RHODES - OSWEGO</u>		
Town <u>HAMPSTEAD</u>			<u>J. FEWERS - NCFM</u>		
Phone			<u>J. WERNER - INTERVEN</u>		
Weather	Temperature	General conditions	PRP		
humidity <u>Dry</u> Humid Very humid	Cold <u>Fair</u> Warm Hot	<u>Sunny</u> Partly Cloudy Cloudy Rain / Snow			

Date	Time	Inspection Narrative
<u>11/7/01</u>	<u>1306</u>	<p><u>- DEAMARA ON SITE</u></p> <p><u>MET W/ THE ABOVE REF. REPS. TO DISCUSS PLANNED ACTIONS @ SITE.</u></p> <p><u>- MRS. RHODES ALSO PROVIDED DISPOSAL DOCUMENTATIONS FOR STOCKPILED SOIL ASSOCIATED W/ EXCAVATION WORK @ SITE.</u></p> <p><u>- 2 X 1K GALLON DIESEL TANKS + 2 X 275 GALLON ALG. TANKS TO BE REMOVED NEXT WEEK. (PLANNED FOR 11/15/01)</u></p> <p><u>- PLAN SHOWED TO ALL INCLUDED INSTALLATION OF NEW ASPHALT PAVEMENT AROUND ENTIRE SITE AND ASPHALT BERM AROUND BACK; FILL PITS FOR UIC TANKS AND AREA NEAR POWER TANK STORAGE AREA.</u></p> <p><u>- PLANS ALSO CALL FOR INSTALLATION OF NEW O/W SEPARATOR + ABANDONMENT OF OLD SEPARATOR</u></p> <p><u>- DARRA KOST COMPLETED SUBSURFACE INVESTIGATION AWAITING RESULTS TO DETERMINE FUTURE ACTIONS</u></p> <p><u>- PRODUCT FLOWING STILL IN PROGRESS.</u></p> <p><u>SIDES PERMIT NOW VALID.</u></p> <p><u>- WILL RETURN NEXT WEEK MR. T/R.</u></p>
	<u>1351</u>	<p><u>- LEFT SITE.</u></p> <p><i>[Signature]</i></p>



May 31, 2002

Mr. Nick Acampora  
NYS Dept. of Environmental Conservation  
Bldg. 40 S.U.N.Y.  
Stony Brook, N.Y. 11790-2356

Re: **Spill No. 00-25127**  
**Monitoring Well Analysis**  
**Oswego Oil Service Corp.**  
**45 Intersection Street**  
**Hempstead, New York**

Dear Mr. Acampora:

Recently, various documents were obtained from your department regarding a Freedom of Information request with respect to the LILCO Hempstead Gas Plant (HGP). The HGP was previously located just to the northwest and up-gradient to the Oswego Oil property.

A review of the **Draft Field Investigation Report for the LILCO Hempstead Gas Plant**, March 4, 1992 indicated the potential for off-site migration of groundwater contamination along the southern site boundary (see pages 39 and 40 of the report which are attached). In addition, groundwater contours included in the report indicated a southeasterly flow directly onto the LIRR right-of-way and onto the adjacent Oswego site (see attached Figure 14 of that report).

Based upon the above-noted HGP information and the presence of floating product in the westerly sector of the Oswego site (down-gradient from the HGP site), product samples were obtained from the two westerly monitoring wells located on the Oswego Oil property on April 19, 2002. These wells were previously identified as MW-2 and MW-5 (see attached site plan). In addition, a sample of virgin no. 2 fuel oil was also obtained from the Oswego facility, which is its only product of distribution.



These three samples were then refrigerated and delivered to EcoTest Laboratories for analysis. The samples were analyzed for STARS 8260 Volatiles, 8270 Base Neutrals/Acids and cyanide. The results of these analyses are summarized in Table 1.

A comparison of the concentrations of contaminants identified in the two monitoring wells with the virgin no.2 sample and the contaminants identified in the HGP report clearly indicates that the Oswego site has been impacted by HGP activities.

In order to better evaluate the subsurface conditions in the HGP area and the impact on the Oswego site, requests have been made through the NYSDEC contact person Mr. Amen M. Omorogbe for the latest Keyspan groundwater sampling results regarding off-site wells installed on Intersection Street, Sealy Avenue and the LIRR right-of-way. Mr. Omorogbe has indicated that a draft document exists but cannot be released and expects a final report to be issued in approximately one year.

Waiting for the release of the Keyspan report, Oswego Oil will continue to monitor its site with respect to groundwater data but has curtailed its bailing activities due to the elevated concentrations of HGP contaminants.

If you have any questions regarding this information, feel free to contact me at 631-298-2292.

Sincerely,



Darrel J. Kost P.E.

cc. Mr. J. Rhodes  
Mr. N. Damadeo  
Mr. A. Omorogbe, NYSDEC  
Mr. W. Parish, NYSDEC

SAMPLE ANALYSIS	MW-2	MW-5	VIRGIN No. 2
BENZENE	<25,000	<50,000	<25,000
TOLUENE	150,000	100,000	200,000
ETHYLBENZENE	4,700,000	740,000	290,000
XYLENES	8,600,000	1,790,000	1,600,000
ISOPROPYLBENZENE	500,000	230,000	160,000
N-PROPYLBENZENE	260,000	290,000	280,000
1,3,5-TRIMETHYLBENZENE	1,100,000	590,000	550,000
TERT-BUTYLBENZENE			
1,2,4-TRIMETHYLBENZENE	3,600,000	2,100,000	1,800,000
SEC-BUTYLBENZENE	110,000	250,000	230,000
ISOPROPYLTOLUENE	480,000	480,000	460,000
N-BUTYLBENZENE			
NAPHTHALENE	32,000,000	9,900,000	1,900,000
P-ETHYLTOLUENE	3,800,000	940,000	1,300,000
1,2,4,5-TETRAMETHYLBENZENE	300,000	400,000	270,000
P-DIETHYLBENZENE	720,000	800,000	890,000
ACETONE	<250,000	<500,000	250,000
ACENAPHTHYLENE	680,000	<500,000	<50,000
ACENAPHTHENE	6,400,000	3,800,000	<50,000
FLUORENE	4,900,000	2,400,000	600,000
PHENANTHRENE	12,000,000	6,000,000	1,700,000
ANTHRACENE	3,200,000	1,700,000	210,000
FLUORANTHENE	3,600,000	1,600,000	<50,000
PYRENE	5,100,000	2,400,000	190,000
BENZO(A) ANTHRACENE	1,900,000	940,000	<50,000
CHRYSENE	1,900,000	1,000,000	<50,000
BENZO(B) FLUORANTHENE	700,000	<500,000	<50,000
BENZO(K) FLUORANTHENE	700,000	<500,000	<50,000
BENZO(A)PYRENE	1,300,000	640,000	<50,000

TABLE 1  
OSWEGO OIL

DRAFT

HAZARDOUS WASTE REGION  
NYSDEC REGION 1

FIELD INVESTIGATION REPORT

FOR THE

LILCO

HIEMPSTEAD GAS PLANT

March 4, 1992

Prepared By:

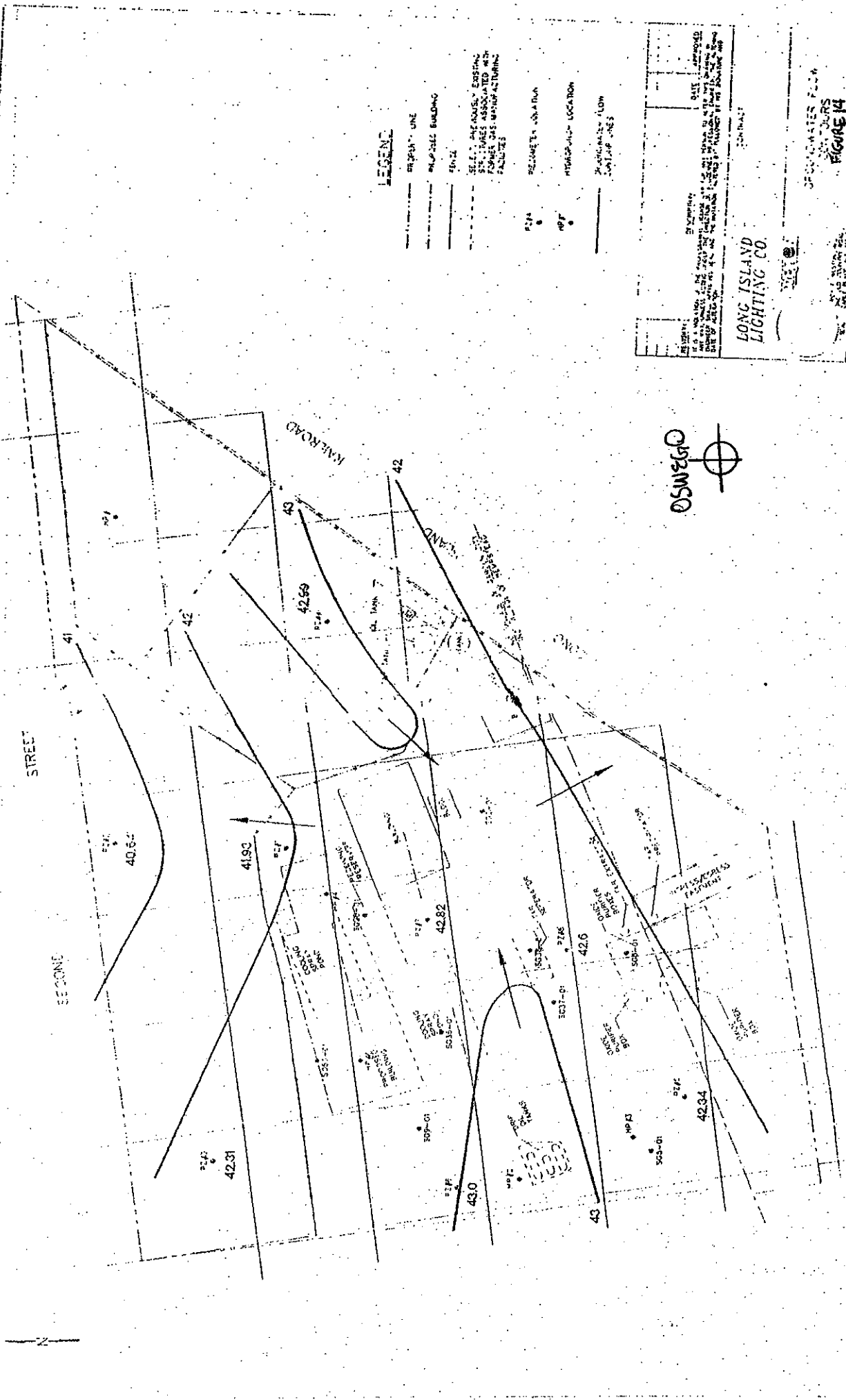
ROY F. WESTON, INC.  
One Old Country Road  
Carle Place, NY 11514

#### 4.0 CONCLUSIONS

Based upon evaluation of data generated through implementation of the WESTON Field Investigation Plan the following conclusions have been made:

1. Waste material, typically associated with coal gasification process wastes, have been noted in various locations throughout the site. This waste material is typically bluish or black in color, often mixed with sand fill or construction debris. Wood chips, indicative of purifier box waste, were also observed in this waste material.
2. Petroleum stained soils were also present at the project site. These soils generally exhibited an obvious odor as well as a typical petroleum sheen. Often these soils were located below deposits of the waste material described above. These soils were observed as deep as approximately 26 feet bgs in boring locations completed in the southwestern portion of the site.
3. Comparison of chemical concentrations detected in soil samples with NYSDEC soil cleanup guidance values indicate exceedances for volatile organic compounds, specifically BTEX and various polycyclic aromatic hydrocarbons.
4. Cyanide was found in soil/waste samples but below NYSDEC soil cleanup guidance values.
5. Complete chemical analyses completed for a limited number of soil samples did not indicate the presence of pesticides, PCBs and metals.
6. Based upon review of facility drawings dated 8 November 1954, soil and groundwater contamination coincides with previously existing structures associated with gas plant manufacturing procedures, including tar storage tanks, tar separators, oxide purifier boxes, cooling spray ponds and drip oil storage tanks.

7. Site-specific groundwater flow contours indicate groundwater movement to be toward the center of the site from the east and west. Groundwater flows from the site in both a northerly and southerly direction. Regional groundwater flow is reportedly in a southern direction.
8. Upon review of groundwater analytical data and comparison to NYSDEC/DOH applicable standards and guidelines specific exceedances were noted. Concentrations of volatile organic compounds (BTEX), various polycyclic aromatic hydrocarbons (PAHS) and cyanide were above regulatory standards and guidelines.
9. A floating petroleum product layer has been observed in the southwestern area of the site. This product layer is present within PZ-5, PZ-6, and PZ-8 with preliminary thicknesses estimated at approximately .25 inch.
10. The potential exists along the southern site boundary for the off-site migration of groundwater contamination. This contamination is anticipated to be restricted to the shallow upper glacial aquifer based upon an assessment of local stratigraphy. Specifically, well completion reports for the Village of Garden City Public Supply Wells (adjacent property) indicate several significant gray clay units (ranging from 13 to 92 feet thick) underlying the shallow upper glacial aquifer. These deposits may act as confining units, retarding vertical migration of contaminants to the deeper Magothy aquifer.



**LEGEND**

- PROPERTY LINE
- PLANNED BUILDING
- FENCE
- SELECT PLANTERS EXISTING
- PLANTERS ASSOCIATED WITH FORMER GAS MANUFACTURING FACILITIES
- P27A - METER
- P27 - METER LOCATION
- WATER MAIN - 12" DIA.
- WATER MAIN - 18" DIA.



LONG ISLAND LIGHTING CO.

FIGURE 14

THIS PLAN IS A PRELIMINARY PLAN AND IS NOT TO BE USED FOR CONSTRUCTION. IT IS THE RESPONSIBILITY OF THE ENGINEER TO VERIFY THE ACCURACY OF THE DATA AND TO OBTAIN NECESSARY PERMITS FROM THE APPROPRIATE AGENCIES. THE ENGINEER'S OFFICE IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS PLAN.

SEWER WATER PLAN

DATE: 10/15/10

SCALE: 1" = 40'

New York State Department of Environmental Conservation  
Building 40 - SUNY, Stony Brook, New York

TEL # (516) 444-0320  
FAX # (516) 444-0373



John P. Cahill  
Commissioner

August 4, 1997

CERTIFIED LETTER - RETURN RECEIPT REQUESTED

Mr. John Rhodes  
Oswego Oil  
45 Intersection Street  
Hempstead, New York 11550

Re: Spill #97-04538, Oswego Oil  
45 Intersection Street, Hempstead, N.Y.

Dear Mr. Rhodes:

Please be advised, the above mentioned spill number remains on the NYSDEC list of active spills. To complete the file, a statement explaining the repairs made to the system and the condition of the soil, with regard to contamination, should be submitted to this office. Please place the spill number on all correspondence.

If you have any questions, please feel free to call me at (516) 444-0336.

Sincerely,

*Cathy A. Gibbons*  
Cathy A. Gibbons  
Environmental Engineer I

CAG:ap  
cc: A. Leung, NYSDEC

Oswego Oil Service Corp  
45 Intersection Street  
Hempstead, New York 11550

August 7, 1997

New York State Department of Environmental Conservation  
Cathy A. Gibbons  
Building 40 SUNY  
Stony Brook, New York 11790--2356

Dear Ms Gibbons:

RE: Spill #97-04538, Oswego Oil

45 Intersection Street, Hempstead, N.Y.  
In reference to the above spill, a contractor, James Woerner, Inc., was engaged to make the necessary repairs which consisted of excavating a buried line, locating the failed area which was a two inch threaded pipe coming off the main line, removing the threaded pipe and welding a patch over the area. In the course of excavation soil that was contaminated was segregated and removed by Waste Recycling Solutions 129 Peconic Avenue Riverhead, NY (NYSDEC 364 Transporter Permit No. 1A-415). All the above work was done under the supervision of and with the consent of the Nassau County Fire Marshall Office.

Before the line was put in operation the line was tested by Pro Test Enterprises, 331 Walker Street, N. Babylon, NY 11704 upon passing the test the Nassau County Fire Marshall Office was notified and approved reopening the line.

If you have any questions, please feel free to contact myself at 516-485-3900.

Sincerely,

Oswego Oil Service Corp  
John Rhodes

---





# PEDNEAULT ASSOCIATES, INC.

1615 NINTH AVENUE, BOX 205  
BOHEMIA, N.Y. 11716

Phone: (631) 467-8477 Fax: (631) 467-6905

## AMERICA'S TEST LAB!

Prepared Exclusively For:

BERNDGER ENVIRONMENTAL, INC.  
1615 NINTH AVE.  
BOHEMIA, NY 11716  
(631) 588-2251  
PO # 310704 JOB # 11-258

**PEDNEAULT ASSOCIATES, INC.**

1615 NINTH AVENUE, BOX 205, BOHEMIA, N.Y. 11716

LAB#: 03100054 SAMPLE ID#: 03100054-001  
PROJECT ID: OSWEGO OIL, HEMPSTEAD  
SAMPLE ORIGIN: TEST HOLE (TH - 1)  
MATRIX: SOLID

COLLECT DATE AND TIME	DATE AND TIME RECEIVED	RELEASE DATE	REPORT DATE	
10/3/03	10/3/03 5:35:11 PM	10/7/03	10/7/03	
TEST: SEMI-VOLATILE ORGANIC COMPOUNDS			METHOD: EPA 8270D B/N	
PARAMETER	CAS #	RESULT	UNITS	QUALIFIER
2-Fluorophenol	367-12-4	95900	µg/kg	
Phenol - d5		140000	µg/kg	
Nitrobenzene - d5	98-95-3	80000	µg/kg	
2-Fluorobiphenyl	321-60-8	117000	µg/kg	
2,4,6-Tribromophenol	118-79-6	31800	µg/kg	97
Terphenyl - d14		53700	µg/kg	

John Pedneault  
Lab Director

ND-None Detected

Page 3 of 3  
NYS ELAP #10224  
MWBE #46075



C O V E R

S H E E T

FAX

To: George Harris, Environmental Remediation, Central Office  
Fax #: (518) 402-9679  
Re: Oswego Oil Terminal, Hempstead  
Date: 10, October 2003  
Pages: 1 of 7 including title page

From: Nick Acampora, Region One Spill Prevention and Response.  
(631) 444-0322 Voice (631) 444-0328 Fax

George:

I was given your name from Karen Gomez, Regional Spill Engineer and Walter Parish, HWR regarding the results of soil sampling recently completed at the above referenced site. The facility is located adjacent to the former KeySpan MGP site off of Intersection Road, Hempstead.

During recent upgrade work which included the installation of a leaching pool for a new oil/water separator, the contractor encountered what he believed to be petroleum contamination. A spill number was issued (#03-25298) and an inspection was scheduled.

Based on my observations, the soil appeared to discolored from 0 to -4' with no significant odor. At approximately -5' yellow-orange colored sandy soil was encountered. Again, no significant odor was detected but the soil did appear to be contaminated. A soil sample was taken at the excavation termination point (-5'). The sample was run utilizing EPA Methods 8021 and 8270.

I received the sample results on October 9, 2003. While no volatile contamination was present, semi-volatile contamination was including 6 compounds I am not familiar with. The results where significant for those 6 compounds. Specifically, high levels of 2-fluorophenol; phenol; nitrobenzene; 2-fluorobiphenyl; 2,4,6, tribromophenol; & terphenyl. A copy of the results package a attached for your information.

An attempt was made to determine if these compounds had any relation to each other in use. It appears some are used in solvents. It also appears that the compounds may have been used at MGP facilities. As previously indicated, the subject parcel is adjacent to a former MGP.

Do these compounds look familiar to you and if so what were their uses? And if these compounds are related to MGP facilities where do we go from here? If you have any questions/comments, please give me a call. Thanks for your assistance in this matter.



C O V E R

S H E E T

FAX

To: CHRIS MAGEE  
Fax #: 518.402.9595  
RE: SPILL # 03-25298  
Date: 10/17/03  
Pages: 8, including this cover sheet.

COMMENTS:

CHRIS,

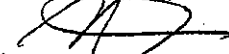
ATTACHED IS THE SOIL SAMPLE RESULTS THAT WE  
DISCUSSED A SHORT TIME AGO.

ANY ASSISTANCE WOULD BE GREATLY APPRECIATED.  
PLEASE CALL OR E-MAIL ME OR KAREN GIMÉZ.  
THANKS....

my # 631-444-0322

KG # 631 444-0321

From the desk of...

NICK   
Spill Prevention and Response  
(631) 444-0320  
Fax: (631) 444-0328





# PEDNEAULT ASSOCIATES, INC.

1615 NINTH AVENUE, BOX 205

BOHEMIA, N.Y. 11716

Phone: (631) 467-8477 Fax: (631) 467-6905

AMERICA'S TEST LAB!

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1615 NINTH AVE.

BOHEMIA, NY 11716

(631) 588-2251

PO # 310704 JOB # 11-258

PEDNEAULT ASSOCIATES, INC.

1615 NINTH AVENUE, BOX 305, BOHEMIA, N.Y. 11716

LAB#: 03100054

SAMPLE ID#: 03100054-001

PROJECT ID: OSWEGO OIL, HEMPSTEAD

SAMPLE ORIGIN: TEST HOLE (TH - 1)

MATRIX: SOLID

COLLECT DATE AND TIME	DATE AND TIME RECEIVED	RELEASE DATE	REPORT DATE	
10/3/2003	10/3/2003 5:35:11 PM	10/7/2003	10/7/2003	
TEST: SEMI-VOLATILE ORGANIC COMPOUNDS			METHOD: EPA 8270D B/N	
PARAMETER	RESULT	UNITS	QUALIFIER	
Surrogate Recovery				
2-Fluorophenol	47.98	%		
Phenol - d5	69.93	%		
Nitrobenzene - d5	79.95	%		
2-Fluorobiphenyl	117.11	%		
2,4,6-Tribromophenol	15.90	%	S7	
Terphenyl - d14	53.69	%		

John Pedneault  
Lab Director

ND-None Detected

Page 3 of 3  
NYS ELAP #10224  
MWBE #46075