New York State Department of Environmental Conservation
Division of Hazardous Waste Remediation
Bureau of Hazardous Site Control

360037

ADDITIONS/CHANGES TO REGISTRY: SUMMARY OF APPROVALS

SITE NAME: TEXACO HANGAR (FORMER MOBIL Corp) SEC I.D. NUMBER 360037

Current Classification 2a

Activity: ☐ Add as Class ___ ☑ Reclassify to 2 ☐ Delist Category ___ ☐ Modify ___

Approvals:

Regional Hazardous Waste Engineer	Yes	☑	No	☐	
NYSDOH	Yes	☑	No	☐	
DEE	Yes	☑	No	●	
Construction Services	Yes	n/a	No	☐	
BHSC: a. Investigation Section	Yes	☑	No	☐	
b. Site Control Section		[signature]	Date	12/27/95	
c. Director		[signature]	Date	1/2/96	
DHWR Assistant Director		[signature]	Date	4/4/96	

Completion Checklist		Completed By: Initials	Date
OWNER NOTIFICATION LETTER?	☑	___	5/17/96
ADJACENT PROPERTY OWNER NOTIFICATION LETTER?	☐	___	___
ENB/LEGAL NOTICE SENT? (For Deletion Only)	☐	___	___
COMMENTS SUMMARIZED/PLACE IN REPOSITORY	☐	___	___
FINAL NOTIFICATION SENT TO OWNER? (For Deletion Only)			

(For proposed Class 2a sites only) Planned investigative activities & dates: ___

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION

3/27/96

Original-BHSC
Copy-REGION
Copy-DEE
Copy DOH
Copy-PREPARER

SITE INVESTIGATION INFORMATION

1. SITE NAME	2. SITE NO	3. TOWN/CITY/VILLAGE	4. COUNTY
Texaco Hangar (formerly Mobil Corp.)	360037	White Plains	Westchester

5. REGION: 3

6. CLASSIFICATION: Current 2a Proposed 2 Modify

7. LOCATION OF SITE (Attach U.S.G.S Topographic Map showing site location)

a. Quadrangle	b. Site Latitude	Longitude	c. Tax Map Number
Glenville	41 deg. 03' 40"	73 deg. 42' 30"	Block 971, Lot 8

8. BRIEFLY DESCRIBE THE SITE (Attach site plan showing disposal/sampling locations)
The site is a leased aircraft hangar that serves corporate flight operations and is located at Westchester County Airport. The hangar is split in half, one half is serving Texaco Corp. and the other is serving Union Carbide Corp. The site consists of an aircraft pad, a maintenance facility, a paint booth, offices, and a #2 fuel oil underground storage tank. The PRP for the site is Mobil Corp., who was the lessee when the spill occurred.

a. Area __2___ acres b. EPA ID Number _____

c. Completed ( )Phase I ( )Phase II ( )PSA ( )RI/FS ( )PA/SI (X)Other

9. HAZARDOUS WASTES DISPOSED
F001 / F002 Wastes - LPS Instant Super Cleaner/Degreaser. This solvent is 90% to 100% 1,1,1-Trichloroethane according to Mobil's MSDS. The 1,1,1-TCA was spilled from a 55 gallon drum.

10. ANALYTICAL DATA AVAILABLE
a. ( )Air (X)Groundwater ( )Surface Water (X)Soil ( )Waste ( )EPTox ( )TCLP
b. Contravention of Standards or Guidance Values

Results of groundwater samples taken with a power punch
1,1-DCA @ 2,100 ppb.
1,1,1-TCA @ 460 ppb.
cis 1,2-DCE @ 360 ppb.
3/96 results 1,1-DCA @ 6800 ppb
1,1,1-TCA @ 5600 ppb
PCE @ 450 ppb

11. CONCLUSION
The site had a spill of chlorinated solvent from a 55 gallon drum. The solvent was used as a degreaser and cleaner which make the waste a F001 and a F002 Waste. The source is known and hazardous waste has been detected in the groundwater over standards. The site is within a mile of a Class AA surface water (Rye Lake). Rye Lake is also known as the Kensico Reservoir and is the location of a major water intake for the New York City Water Supply System.

12. SITE IMPACT DATA
a. Nearest surface water: Distance _3,000_ft. Direction _West_ Classification _AA, Rye Lake, & C,C(T) stream
b. Nearest Groundwater: Depth _8-10_ft. Flow Direction _unk_ ( )Sole Source ( )Primary (X)Principal
c. Nearest water supply: Distance __0___ft. Direction _municipal system Active (X)Yes ( )No
d. Nearest building: Distance __0____ft. Direction _____ Use _____

e. In State Economic Development Zone?	( )Y (X)N	i. Controlled site access?	(X)Y ( )N
f. Crops or livestock on site?	( )Y (X)N	j. Exposed hazardous waste?	( )Y (X)N
g. Documented fish or wildlife mortality?	( )Y (X)N	k. HRS Score _____	
h. Impact on special status fish or wildlife resource?	( )Y (X)N	l. For Class 2: Priority Category	_2___

13. SITE OWNER'S NAME	14. ADDRESS	15. TELEPHONE NUMBER
Westchester County Airport, Operations Office	White Plains, NY 10604	(914) 946-9000

16. PREPARER: Keith Browne 10/3/95
Revised By: Anthony J. Sylvester

Anthony J. Sylvester 3/27/96
Signature Date

Anthony J. Sylvester, Env. Spec # 1, DHWR
Name, Title, Organization

17. APPROVED:

Charles N. Goddard 4/4/96
Signature Date

Charles N. Goddard, Asst. Director, DHWR
Name, Title, Organization

STATE OF NEW YORK
DEPARTMENT OF HEALTH

Office of Public Health II University Place Albany, New York 12203-3399

Barbara A. DeBuono, M.D., M.P.H.
Commissioner

Karen Schimke
Executive Deputy Commissioner

December 27, 1995

Mr. Earl Barcomb, P.E., Director
Bureau of Hazardous Site Control
NYS Department of Environmental Conservation
50 Wolf Road
Albany, NY 12233

RE: SITE INVESTIGATION INFORMATION
Texaco Hangar
White Plains, Westchester Co.
Site #360037

Dear Mr. Barcomb:

My staff have reviewed the Site Investigation Information package for the referenced site. Based on the information contained therein I concur that this site should be reclassified from a class 2a to a class 2. We look forward to participating in the investigation of this site.

If you have any questions regarding this matter, please call Mr. Steven Bates, of my staff, at 518-458-6305.

Sincerely,

G. Anders Carlson, Ph.D.
Director
Bureau of Environmental Exposure
Investigation

lmw/95361PRO0075

cc: Dr. N. Kim
Mr. S. Bates
Mr. G. Laccetti
Mr. M. Knudsen
Mr. C. Torres - WCHD
Mr. R. Pergadia - DEC Reg. 3

CLASSIFICATION WORKSHEET

Site: Texaco Hangar County: Westchester Region 3

1. Hazardous waste disposed? ☒ Y (to 2) ☐ N (Stop) ☐ U (Stop)

2. Consequential amount of hazardous waste? ☒ Y (to 3) ☐ N (Stop) ☐ U (to 3)

3. Part 375-1.4(a)(1) applies? ☐ N (to 4) ☐ U (to 4)
☒ Y (as checked below; Class 2; to 5)

☐ a. endangered or threatened species
☐ b. streams, wetlands or coastal zone
☐ c. bioaccumulation
☐ d. fish, shellfish, crustacea or wildlife
☐ e. fire, spill, explosion or toxic reaction
☒ f. proximity to people or water supplies

4. Part 375-1.4(a)(2) applies? ☐ N (Cl 3; Stop) ☐ U (Cl 2a; Stop)
☐ Y (Class 2; to 5)

5. Factor(s) considered in making this determination: The site is within a mile of Rye Lake, a class AA surface water. Rye Lake is also ~~connected~~ known to Kensico Reservoir part of NYC water supply. GW is impacted, and although direction is unknown, it is either impacting or close to impacting homeowner wells in Connecticut or Rye Lake (aka Kensico Reservoir).

WB per Keith Browne

SUMMARY

Consequential Hazardous Waste ☒ Yes ☐ No ☐ Unknown

Significant Threat ☒ Yes ☐ No ☐ Unknown

Proposed Classification 2 Site Number 360037

10/3/95
Date

Keith Browne EI
Signature and Title

NEW YORK STATE DEPARTMENTS OF ENVIRONMENTAL CONSERVATION AND HEALTH
INACTIVE HAZARDOUS WASTE DISPOSAL, SITE PRIORITY RANKING WORKSHEET

SITE I.D. 360037 SITE NAME Texaco Hanger

Priority I - Sites for which remediation should supersede all other Class 2 sites. Priority I can be assigned if any one of the following questions can be answered affirmatively.

a) Has a public or private water supply which is currently in use been contaminated or threatened?.... ☐

b) Has human exposure to contaminants (or the potential for exposure) been identified which represents a significant health risk as determined by DOH?..... ☐

c) Has bioaccumulation of site contaminants in flora or fauna resulted in a health advisory?..... ☐

d) Are site contaminants present at levels that are acutely toxic to fish or wildlife or that have caused documented fish or wildlife mortality?..... ☐

☐ (1) [If 1 or more boxes are checked, check this box]

Priority II - Important Sites. Priority II will be assigned if any of the following questions can be answered affirmatively.

a) Has a Class A or AA surface water body, primary or principal aquifer been contaminated or threatened without affecting an existing water supply?..... ☒

b) Has bioaccumulation of site contaminants in flora or fauna resulted in actionable levels (but not a health advisory)?..... ☐

c) Are contaminants at levels chronically toxic to fish/wildlife?..... ☐

d) Have endangered, threatened or rare species, significant habitats, designated coastal zone or regulated wetlands been impacted by releases from the site?..... ☐

☒ (2) [If 1 or more boxes are checked, check this box]

Priority III - will be assigned unless one or more of the site prioritization criteria, specified above, apply to a site. After remedial needs for Priority I and II sites have been accommodated, remediation of sites under this category can be considered. If Priority III, check box 3. ☐ (3)

Enter the number of the priority box checked 1, 2, or 3 here..... / (4)
This is the site's priority rank.

FACTORS

IJC Factor - If the sites has been identified by the International Joint Commission (IJC) as a component in a remedial action plan, subtract (1) from the value in box 4 and enter the result in box 5..... ☐ (5)

	Yes	No
EDZ Factor - If the site is within a New York State designated Economic Development Zone (EDZ) should this fact cause the site priority to be raised?.....	☐	☒
Community Support Factor - If the site has been targeted for local government-supported development by a developer willing to sign a consent order with DEC to finance investigation and remediation should this fact cause the site priority to be raised?.....	☐	☒

If either "yes" box is checked, subtract 1 from the value in box 4 and enter the result into box 6. If "no" is checked, the value in box 6 equals box 4 (or box 5 if applicable). If both IJC and EDZ/Community Support factors apply, only 1 (not 2) will be subtracted from the value in box 4. The resultant value in box 6 will never be less than 1..... ☐ (6)

	Yes	No
IRM NOTE: Should this site be considered a candidate for an Interim Remedial Measure (IRM) as defined by 6NYCRR Part 375-1.3n?	☒	☐

If "yes" please explain why: An IRM may prevent the migration of contaminates off site into Onondaga Lake.

Preparer Kent Snowe Date 10/3/95

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION 96/04/01
INACTIVE HAZARDOUS WASTE DISPOSAL REPORT

CLASSIFICATION CODE: 2a/ REGION: 3 SITE CODE: 360037
EPA ID:

NAME OF SITE : Texaco Hangar (Formerly Mobil Corp.)
STREET ADDRESS: Hangar D, Bay 1, Westchester County Airport
TOWN/CITY: COUNTY: ZIP:
White Plains Westchester 10604

SITE TYPE: Open Dump- Structure-X Lagoon- Landfill- Treatment Pond-
ESTIMATED SIZE: 2 Acres

SITE OWNER/OPERATOR INFORMATION:
CURRENT OWNER NAME....: County of Westchester c/o County Ex.
CURRENT OWNER ADDRESS.: 700 Michailin Office Building, White Plain
OWNER(S) DURING USE...: County of Westchester
OPERATOR DURING USE...: Mobil Oil Corporation
OPERATOR ADDRESS......: P.O. Box 1029, Princeton, NJ
PERIOD ASSOCIATED WITH HAZARDOUS WASTE: From To

SITE DESCRIPTION:
The site is an aircraft hangar which serves as a maintenance facility for corporate flight operations. The site consists of the outside aircraft pad, the hangar bay, administrative offices, and an underground #2 fuel storage tank behind the hangar building. A 55 gallon drum of LPS Instant Super Cleaner (primarily 1,1,1-TCA) routinely used in the aircraft maintenance operations is known to have been spilled in the hangar bay close to the dividing wall and ~~may have~~ has spread to the other half of the bay occupied by another company. Additionally, TCA was also detected in soils under the aircraft pad and under the bay floor.

The site is a significant threat because numerous private drinking water wells have been contaminated and depending upon groundwater flow, other numerous wells in NYS and also in Connecticut may be ~~contaminated~~ threatened or the Kensico Reservoir (a.k.a. Rye Lake), part of the NYC public water supply may be threatened.

HAZARDOUS WASTE DISPOSED:

TYPE	QUANTITY (units)
1,1,1-TCA (U226 Waste)	Unknown
1,1-DCA	↓
PCE	

SITE CODE: 360037

ANALYTICAL DATA AVAILABLE:
Air- Surface Water- Groundwater-X Soil-X Sediment-

CONTRAVENTION OF STANDARDS:
Groundwater-X Drinking Water-X Surface Water- Air-

LEGAL ACTION:

TYPE..: Consent Order - DEE State- Federal-
STATUS: Negotiation in Progress- X Order Signed-

REMEDIAL ACTION:

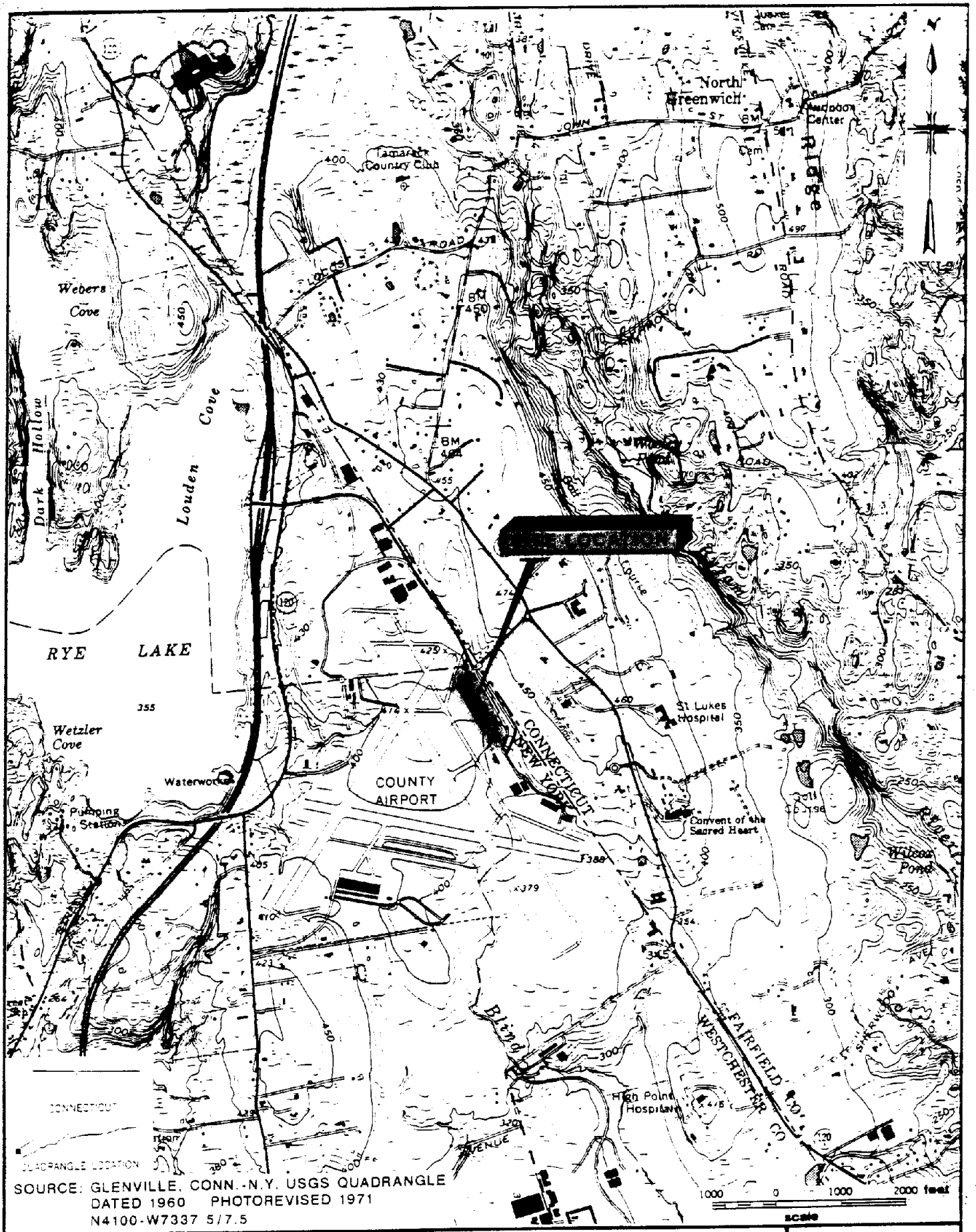
Proposed-X Under design- In Progress- Completed-
NATURE OF ACTION: IRM - Soil Vapor Extraction

GEOTECHNICAL INFORMATION:
SOIL TYPE: fill
GROUNDWATER DEPTH: 10 to 15 ft. below ground surface

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:

Onsite soils were found to be contaminated with Volatile Organic Carbon vapors and Total Petroleum Hydrocarbons.

ASSESSMENT OF HEALTH PROBLEMS:



SOURCE: GLENVILLE, CONN.-N.Y. USGS QUADRANGLE
DATED 1960 PHOTOREVISED 1971
N4100-W7337 5/7.5

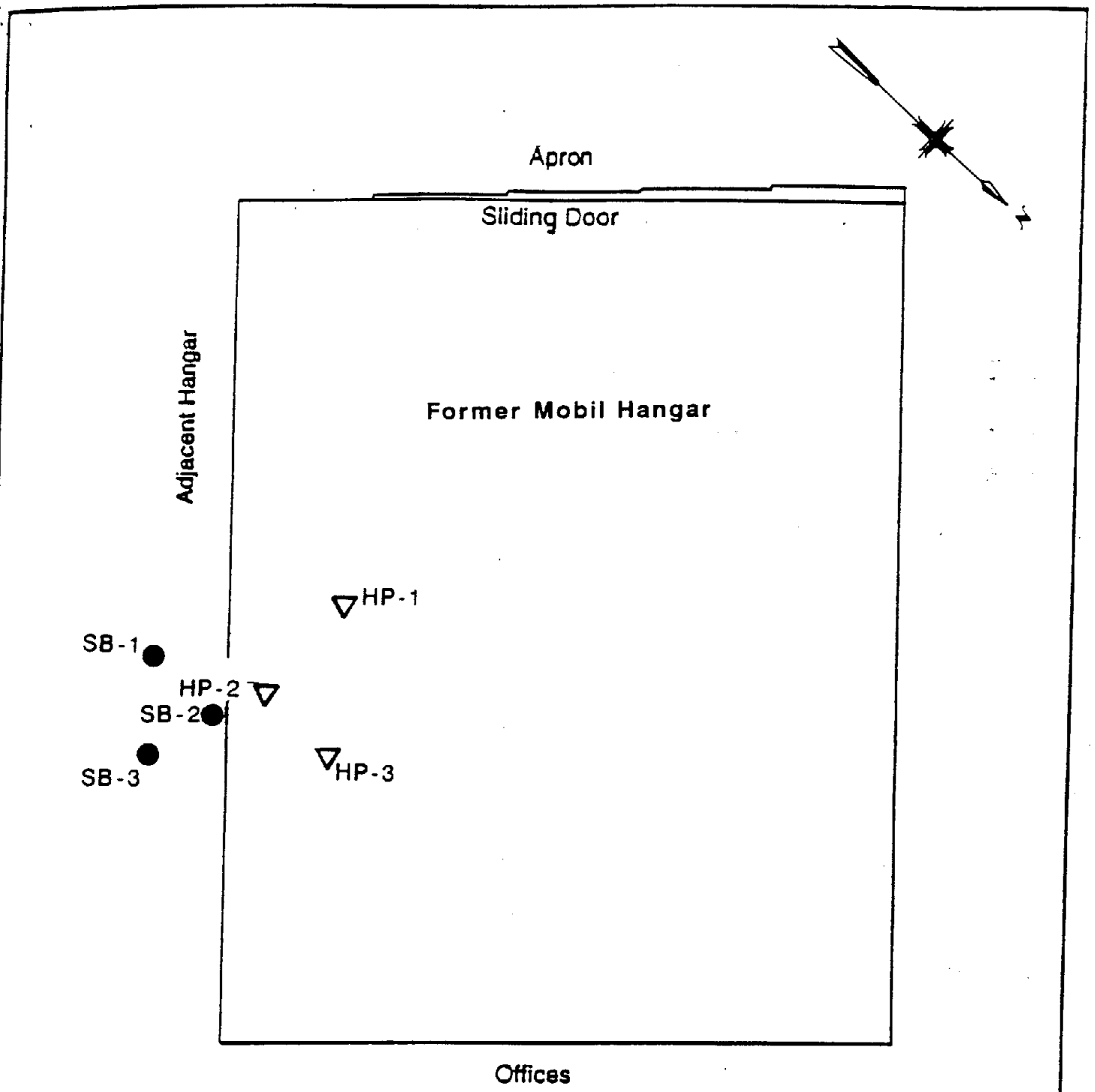
MALCOLM PIRNIE

MOBIL OIL CORPORATION
FORMER MOBIL HANGAR
WESTCHESTER COUNTY AIRPORT

SITE LOCATION MAP

MALCOLM PIRNIE, INC

FIGURE 1-1



MALCOLM PIRNIE

MOBIL OIL CORPORATION
FORMER MOBIL HANGAR
WESTCHESTER COUNTY AIRPORT
SOIL AND GROUNDWATER SAMPLING LOCATIONS

MALCOLM PIRNIE, INC

FIGURE 2-1

PRELIMINARY SITE ASSESSMENT REPORT

FORMER MOBIL OIL HANGAR D, BAY 1
WESTCHESTER COUNTY AIRPORT
TOWN OF HARRISON, WESTCHESTER COUNTY

AUGUST 1995

PREPARED BY:

MALCOLM PIRNIE INC.
One International Boulevard
Mahwah, New Jersey

- Groundwater samples were obtained through the use of a PowerPunch Probe rather than a HydroPunch probe. The equipment and procedures followed are essentially identical. Specific procedures used are described in Section 2.2.

- The relocation of PowerPunch boring HP-1 approximately 10 feet to the southwest due to the presence of an expansion joint in the concrete floor and a low ceiling support beam;

- The relocation of Soil Boring SB-2 approximately 10 feet to the southeast due to a low ceiling support beam and the presence of cobbles 2 to 4 feet below ground surface:

- The collection of only one soil sample (SB-1A) from Soil Boring SB-1 due to an elevated bedrock surface; and

- The laboratory analysis was performed by AccuTest, Inc. located in New Jersey. AccuTest is a New York State Department of Health-Environmental Laboratory Approval Program (NYSDOH-ELAP) approved laboratory.

2.2 GROUNDWATER INVESTIGATION

The groundwater investigation consisted of the installation of three Power Punch probes located in Hangar D, Bay 1 (Figure 2-1). At each sample location, the borehole was advanced by the continuous collection of split spoon soil samples from the base of the concrete slab to the water table. Split spoon soil samples were visually classified according to the Unified Soil Classification System (USCS). After transferring, the soil from the split spoon to labeled sample jars, headspace measurements of VOCs were obtained using an HNu photoionization detector (PID). Geologic logs of the boreholes are provided in Appendix A.

Upon encountering the water table by the repeated split spoon sample collection, the 2-inch diameter, stainless steel Power Punch probe was driven several feet below the water table, until the top of the bedrock was encountered. A 5 foot section of 3/4 inch diameter PVC screen attached to 3/4 inch diameter PVC casing was inserted into the Power Punch

probe, dislodging the disposable drive tip of the probe. The probe was then completely withdrawn from the borehole and steam cleaned for use at the next sample location as formation water filled the PVC. After a sufficient volume of water entered the PVC, a decontaminated bailer was inserted into the PVC and a groundwater sample was collected.

Groundwater samples were immediately poured into two labeled, 40-ml vials preserved by adjusting the Ph to 2 with laboratory grade hydrochloric acid, and capped with no visible headspace. The samples were then placed in an iced cooler where they were stored until delivered to the analytical laboratory.

2.3 SOIL INVESTIGATION

The soil investigation consisted of the advancement of three soil borings located in Hangar D, Bay 2 (Figure 2-1). At each sample location, the borehole was advanced by the continuous collection of split spoon soil samples from the base of the concrete slab to the water table. Split spoon soil samples were visually classified according to the USCS. After transferring the soil from the split spoon to labeled sample jars, headspace measurements of VOCs were obtained using an HNu PID. Geologic logs of the boreholes are provided in Appendix A.

Two samples from each of the three borings were to be submitted for laboratory analysis: one sample that exhibited the highest headspace reading in each boring and one sample collected from each of the deepest split spoons (i.e., just above the water table). However, as discussed in Section 2.1, only one sample (SB-1A) was collected from Soil Boring SB-1 due to an elevated bedrock surface. The selected soil samples were then placed in an iced cooler where they were stored until delivered to the analytical laboratory.

3.1 GROUNDWATER INVESTIGATION

The groundwater investigation consisted of the collection and laboratory analysis of four groundwater samples, including one field duplicate sample. The analytical results were compared to the NYSDEC Division of Water Technical and Operational Guidance Series (TOGS 1.1.1) Ambient Water Quality Standards and Guidance Values dated November 1991 to allow a relative evaluation of the concentrations detected.

Analytical results indicate the presence of three chlorinated hydrocarbons at concentrations above the applicable standards (Table 3-1).

Sample Numbers HP-1 and HP-1(dup) reported 1,1-DCA concentrations of 750 parts per billion (ppb) and 730 ppb, respectively; above the TOGS standard of 5 ppb. No other VOCs were detected in sample HP-1 or HP-1(dup).

Sample HP-2 contained 2100 ppb 1,1,-DCA, 460 ppb 1,1,1-TCA, and 360 ppb cis-1,2-dichloroethene (cis-1,2-DCE). The TOGS standard for 1,1,1-TCA is 5 ppb. There is no TOGS for cis-1,2-DCE. However, in cases where there is no TOGS standard, the Principle Organic Contaminant (POC) standards applies. The POC standard for cis-1,2-DCE is 5 ppb. No other VOCs were detected in sample HP-2.

Sample HP-3 contained 59 ppb 1,1,1-DCA and 240 ppb cis-1,2-DCE; above the applicable standard of 5 ppb. No other VOCs were detected in sample HP-3.

3.2 SOIL INVESTIGATION

The soil investigation consisted of the collection and analysis of six soil samples, including one field duplicate sample. The analytical results are compared to the NYSDEC Division of Hazardous Waste Remediation - Technical and Administrative Guidance Memorandum (TAGM) on the Determination of Soil Cleanup Objectives and Cleanup Levels dated January 1994 to allow a relative evaluation of the concentrations detected.

Analytical results indicate the presence of two chlorinated hydrocarbons in the soil samples at concentrations below applicable TAGM standards (Table 3-1). The TAGM standard for 1,1-DCA is 200 ppb. However, no TAGM standard exists for cis-1,2-DCE.

TABLE 3-1

SUMMARY OF ANALYTICAL RESULTS
Former Mobil Oil Hangar D
Town of Harrison, Westchester County

SAMPLE I.D.	SB-1A	SB-1A(dup)	SB-2C	SB-2F	SB-3C	SB-3G	HP-1	HP-1(dup)	HP-2	HP-3
SAMPLE MATRIX	soil	soil	soil	soil	soil	soil	groundwater	groundwater	groundwater	groundwater
SAMPLE DEPTH(FT)	1.5-2.0	1.5-2.0	5.5-6.0	11.5-12.0	5.5-6.0	12.0-12.5	-	-	-	-
1,1-dichloroethane	-	-	-	15	-	1.1	750	730	2100	59
1,1,1-trichloroethane	-	-	-	-	-	-	-	-	460	-
cis-1,2-dichloroethene	53	32	-	5.5	2.3	1.1	-	--	360	240

NOTES:

1) All results in ppb (groundwater reported in ug/l and soil reported in ug/kg).
2) Laboratory deliverable provided in Appendix B.

Samples SB-1A and SB-1A(dup) reported cis-1,2-DCE concentrations of 53 ppb and 32 ppb, respectively.. No other VOCs were detected in samples SB-1A or SB-1A(dup).

Sample SB-2C contained no detectable levels of VOCs. Sample SB-2F contained 15 ppb 1,1-DCA and 5.5 ppb cis-1,2-DCE. No other VOCs were detected in Sample SB-2F.

Sample SB-3C contained 2.3 ppb cis-1,2-DCE. Sample SB-3G contained 1,1-DCA and cis-1,2-DCE. No other VOCs were detected in Samples SB-3C or SB-3G.

A. Sylvester

New York State Department of Environmental Conservation
50 Wolf Road, Albany, New York 12233 - 7010

Michael Zagata
Commissioner

JUN - 3 1996

City of White Plains
City Clerk
City Hall
White Plains, New York 10601

Dear Sir/Madam:

The Department of Environmental Conservation (DEC) maintains a Registry of sites where hazardous waste disposal has occurred. Property located at Hangar D, Bay 1, Westchester County Airport in the City of White Plains and County of Westchester and designated as Tax Map Number 971-8 was recently reclassified as a Class 2 in the Registry. The name and site I.D. number of this property as listed in the Registry is Texaco Hangar (Formerly Mobil Corp.), Site #360037.

The Classification Code 2 means that a significant threat to the public health or environment exists -- action required.

We are sending this letter to you and others who own property near the site listed above, as well as the county and town clerks. We are notifying you about these activities at this site because we believe it is important to keep you informed.

If you currently are renting or leasing your property to someone else, please share this information with them. If you no longer own the property to which this letter was sent, please provide this information to the new owner and provide this office with the name and address of the new owner so that we can correct our records.

The reason for this recent classification decision is as follows:

- Chlorinated solvents used as a degreaser and cleaner leaked from a 55 gallon drum at the site. These chlorinated solvents have been detected in the groundwater at levels which exceed the NYS drinking standards. The site is within a mile of a Class AA surface water (Rye Lake). Rye Lake is also known as the Kensico Reservoir and is the location of a major water intake for the New York City Water Supply System.

If you would like additional information about this site or the inactive hazardous waste site remedial program, call:

DEC's Inactive Hazardous Waste Site Toll-Free Information Number 1-800-342-9296 or New York State Health Department's Health Liaison Program (HeLP) 1-800-458-1158, ext. 402.

Sincerely,

Robert L. Marino
Chief
Site Control Section
Bureau of Hazardous Site Control
Division of Hazardous Waste Remediation

bcc: R. Marino
J. Swartwout
E. O'Dell, R/3
A. Sylvester
A. Carlson
L. Ennist

AS/srh