

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

RECLAMED

401022

ADDITIONS/CHANGE TO REGISTRY: SUMMARY OF APPROVALS

SITE NAME PASSANO CORPORATION DEC I.D. NUMBER 401022

Current Classification 2a

Activity: ☐ Add as Class ☒ Reclassify to 3 ☐ Delist Category ☐ Modify ☐

Approvals:

Regional Hazardous Waste Engineer Yes ☒ No ☐

NYSDOH Yes ☐ No ☐ SEE ENB LTR DTD 3/8/94 TO A. CARLSON

DEE Yes ☒ No ☐

BHSC: a. Investigation Section Yes ☒ No ☐

b. Site Control Section Robert J. Marino Date 3/14/94

c. Director Charles J. Goldstein Date 3/21/94

DHWR Assistant Director Charles J. Goldstein Date 3/21/94

COMPLETION CHECKLIST

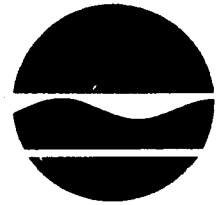
	YES	COMPLETED BY: INITIALS	DATE
OWNER NOTIFICATION LETTER?	☐		
ADJACENT PROPERTY OWNER NOTIFICATION LETTER?	☐		
ENB/LEGAL NOTICE SENT? (For Deletion Only)	☐		
COMMENTS SUMMARIZED/PLACED IN REPOSITORY	☐		
FINAL NOTIFICATION SENT TO OWNER? (For Deletion Only)	☐		

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

REGISTRY SITE CLASSIFICATION DECISION

1. SITE NAME Passanno Corporation	2. SITE NO 401022	3. TOWN/CITY/VILLAGE Watervliet	4. COUNTY Albany
5. REGION 4		6. CLASSIFICATION Current: 2a Proposed: 3 Modify	
7. LOCATION OF SITE (Attach U.S.G.S Topographic Map showing site location) a. Quadrangle : Troy South b. Site Latitude : 42° 43' 30" N Longitude : 73° 43' 15" W c. Tax map number(s) : Section 32, Subsection 3, Block 1, Lot 27. d. Site Street Address : 213 Watervliet-Shaker Road, Watervliet, NY 12189			
8. BRIEFLY DESCRIBE THE SITE (Attach site plan showing disposal/sampling locations) The Passanno Corporation has been at their present location since 1969. The single building on the property is used for storage of both raw materials and finished products, as well as for bulk paint mixing. Chemicals used in the mixing process, such as xylol, naptha, and mineral spirits, are stored onsite in above-ground tanks. Typical products mixed at the facility have included aluminized roof coatings, driveway sealers, asphaltic paints, and coatings containing metals such as mercury, lead, and zinc. In 1973, 60 drums of black enamel paint were dumped on the ground in the northern and western portion of the property. The liquid, estimated at 3,000 gallons, was dumped in an effort to use it as an asphalt coating. However, it soaked into the soil. The empty drums were then crushed and buried onsite beneath 1-2 feet of soil. a. Area : 4.0 acres b. EPA ID Number : NYD000010016 c. Completed:(X)Phase I (X)Phase II ()PSA ()RI/FS ()PA/SI ()Other			
9. HAZARDOUS WASTES DISPOSED -> Lead (EPA ID # D008) -> Xylene (EPA ID # F003)			
10. ANALYTICAL DATA AVAILABLE a. ()Air (X)Groundwater (X)Surface Water (X)Soil (X)Waste (X)EPTox (X)TCLP b. Contravention of Standards or Guidance Values -> Lead : 138,000 ppm in waste leaking to soil; 30 ppm cleanup guidance (TAGM # 4046) 77 mg/l in EP Tox; 5 mg/l standard (6 NYCRR Part 371) 75.3 ppb in groundwater; 5 ppb standard (TOGS 1.1.1) -> Xylene : 138,000 ppm in waste leaking to soil; 1.2 ppm cleanup guidance (TAGM#4046) -> Barium : 9,140 ppb in groundwater; 1,000 ppb standard (TOGS 1.1.1)			
11. JUSTIFICATION FOR CLASSIFICATION DECISION In 1973, 3,000 gallons of lead-containing paint were dumped onto the northern and western portions of the property. The emptied drums were subsequently crushed and buried on-site. Sampling done in 1992 revealed that material contained inside the drums was still leaking to the soil. Sludge samples taken from the drums revealed extremely high levels of lead and xylene. An EP Toxicity was run on a sludge sample, showing a level of 77 mg/l for lead (well over the 5 mg/l standard). Thus, a consequential amount of hazardous waste has been disposed at this site, but there is no significant threat. Therefore, this site should be classified to a Class 3 in the NYS Registry of Inactive Hazardous Waste Sites.			
12. SITE IMPACT DATA a. Nearest surface water: Distance : 5,000 ft. Direction : East Classification : Class C (Hudson River) b. Nearest Groundwater: Depth : 4 ft. Flow Direction : East ()Sole Source ()Primary ()Principal c. Nearest water supply: Distance : 5,200 ft. Direction : West Active: (X)Yes ()No d. Nearest building: Distance : --- ft. Direction : Onsite Use : Warehousing and paint mixing e. In State Economic Development Zone? ()Y (x)N i. Controlled site access? ()Y (x)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 : N/A h. Impact on special status fish or wildlife resource? ()Y (x)N l. For Class 2: Priority Category : N/A			
13. SITE OWNER'S NAME Mr. Richard Cunningham	14. ADDRESS 213 Watervliet-Shaker Road Watervliet, NY 12189	15. TELEPHONE NUMBER (518) 273-3822	
16. PREPARER <i>David K. Harrington</i> 1/24/93 Signature Date David K. Harrington Environmental Engineer 1 DHWR, BHSC Name, Title, Organization		17. APPROVED <i>Charles J. Lallier</i> 3/21/94 Signature Date <i>Asst Dir</i> Name, Title, Organization	

New York State Department of Environmental Conservation
10 Wolf Road, Albany, New York, 12233



Langdon Marsh
Acting Commissioner

MAR 08 1994

G. Anders Carlson, Ph.D., P.E.
Bureau of Environmental Exposure Investigation
NYS Department of Health
Two University Place, Room 205
Albany, New York 12203-3313

Dear Dr. Carlson:

Re: Passonno Paints, ID #401022

This site has been proposed as a Class 3. We know that hazardous wastes are present at this site. The Phase II investigation provided information which has led us to conclude that the wastes do not present a significant threat to the environment. This reclass package was circulated on December 29, 1993. We will be making a classification decision on this site and would appreciate receiving any input that you may have by March 18, 1994.

Sincerely,

Earl H. Barcomb, P.E.

Director

Bureau of Hazardous Site Control

Division of Hazardous Waste Remediation



STATE OF NEW YORK DEPARTMENT OF HEALTH

Center for Environmental Health

2 University Place

Albany, New York 12203-3399

Mark R. Chassin, M.D., M.P.P., M.P.H.
Commissioner

Paula Wilson
Executive Deputy Commissioner

OFFICE OF PUBLIC HEALTH

Lloyd F. Novick, M.D., M.P.H.
Director

Diana Jones Ritter
Executive Deputy Director

William N. Stasiuk, P.E., Ph.D.
Center Director

March 22, 1994

Mr. Earl Barcomb, P.E., Director
Bureau of Hazardous Site Control
NYS Dept. of Environmental Conservation
50 Wolf Rd., Room 222
Albany, NY 12233

RE: **REGISTRY SITE CLASSIFICATION DECISION**
Passano Corp.
Watervliet, Albany County
Site ID#401022

Dear Mr. Barcomb:

My staff have reviewed the classification package for the Passano Corporation located in the Town of Colonie, Albany County. Approximately 60 drums containing black, off-specification radiator paint were emptied, the drums crushed and covered with 1 to 2 feet of fill. Analysis of waste samples have shown extremely high levels of lead (138,000 ppm) and xylene (138,000 ppm). Ignitability testing showed flash points of 67 F and 80 F. The site is not fenced and there is a potential for direct contact due to the shallow unmaintained burial of the waste. In addition to the toxicity of the waste there is also a strong potential of a fire hazard. The status of the site and the available data are not consistent with a conclusion that there is no significant threat. For this reason, I find the site reclassification from 2a to 3 unacceptable.

Sincerely,

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

reg/jlh/94069PRO0188

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
INACTIVE HAZARDOUS WASTE DISPOSAL REPORT

CLASSIFICATION CODE: 3 REGION: 4 SITE CODE: 401022
EPA ID: NYD000010016

NAME OF SITE: Passanno Corporation
STREET ADDRESS: 213 Watervliet-Shaker Road
TOWN/CITY: Watervliet COUNTY: Albany ZIP: 12189

SITE TYPE: Open Dump-X Structure- Lagoon- Landfill- Treatment Pond-
ESTIMATED SIZE: 4.0 Acres

SITE OWNER/OPERATOR INFORMATION:

CURRENT OWNER NAME....: Mr. Richard Cunningham
CURRENT OWNER ADDRESS.: 213 Watervliet-Shaker Road, Watervliet, NY 12189
OWNER(S) DURING USE...: Mr. Richard Cunningham
OPERATOR DURING USE...: Mr. Richard Cunningham
OPERATOR ADDRESS.....: 213 Watervliet-Shaker Road, Watervliet, NY 12189
PERIOD ASSOCIATED WITH HAZARDOUS WASTE: From 1969 To Present

SITE DESCRIPTION:

Site Latitude : 42° 43' 30" N Longitude : 73° 43' 15" W
Site Topography : Flat Area : Industrial
Nearest Surface Waterbody : 5,000 feet east (Hudson River)

The Passanno Corporation has been at their present location since 1969. The single building on the property is used for storage of both raw materials and finished products, as well as for bulk paint mixing. Chemicals used in the mixing process, such as xylol (a commercial grade of xylene), naptha, and mineral spirits, are stored onsite in above-ground storage tanks. Typical products mixed at the facility have included aluminized roof coatings, driveway sealers, asphaltic paints, and coatings containing metals such as mercury, lead, chromium, and zinc. In 1973, 60 drums of black enamel radiator paint that were rejected by the client they were made for, were dumped in the northern and western portions of the property. The liquid, estimated at 3,000 gallons, was dumped on the ground in an effort to use it as an asphaltic coating. However, it soaked into the soil. The empty drums were then crushed and buried beneath 1-2 feet of soil. Test pitting, done in 1992 as part of a Phase II investigation, found extremely high levels of lead (138,000 ppm) and xylene (138,000 ppm) in sludge that has been leaking from the buried drums.

HAZARDOUS WASTE DISPOSED:	CONFIRMED X	SUSPECTED
TYPE		QUANTITY (units)
-> Lead (EPA ID # D008)		3,000 gallons
-> Xylene (EPA ID # F003)		

SITE CODE: 401022

ANALYTICAL DATA AVAILABLE:

Air- Surface Water-X Groundwater-X Soil-X Sediment-

CONTRAVENTION OF STANDARDS:

Groundwater-X Drinking Water- Surface Water- Air-

LEGAL ACTION:

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

REMEDIAL ACTION:

Proposed-	Under design-	In Progress-	Completed-
NATURE OF ACTION:			

GEOTECHNICAL INFORMATION:

SOIL TYPE: Fill overlying clayey silt

GROUNDWATER DEPTH: 7 feet

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:

A recent Phase II investigation has shown lead and xylene contamination in onsite soil from disposal of paint in the rear of the building. Potential for contaminants to migrate from the site appears low, as site is underlain by a layer of clayey soil.

ASSESSMENT OF HEALTH PROBLEMS:

UNAFI

SUBJECT TO REVISION
NOT FOR EXTERNAL RELEASE

CLASSIFICATION WORKSHEET

Site: PASSANNO CORPORATION County: ALBANY Region: 4

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 | ☐ d. fish, shellfish, crustacea or wildlife |
| ☐ b. streams, wetlands or coastal zone | ☐ e. fire, spill, explosion or toxic reaction |
| ☐ c. bioaccumulation. | ☐ 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:

Hazardous wastes have been identified, crushed drums
of an ignitable waste. Migration of the wastes
is unlikely as the soils are tight. GW, SW & SED
sample indicate no migration of the wastes.

DE 3-31-94.

SUMMARY

Consequential Hazardous Waste

☒ Yes

☐ No

☐ Unknown

Significant Threat

☐ Yes

☒ No

☐ Unknown

Proposed Classification: 3

Site Number: 401022

Nov. 16, 1993
Date

David K. Harrington ENVIRONMENTAL ENGINEER I
Signature and Title

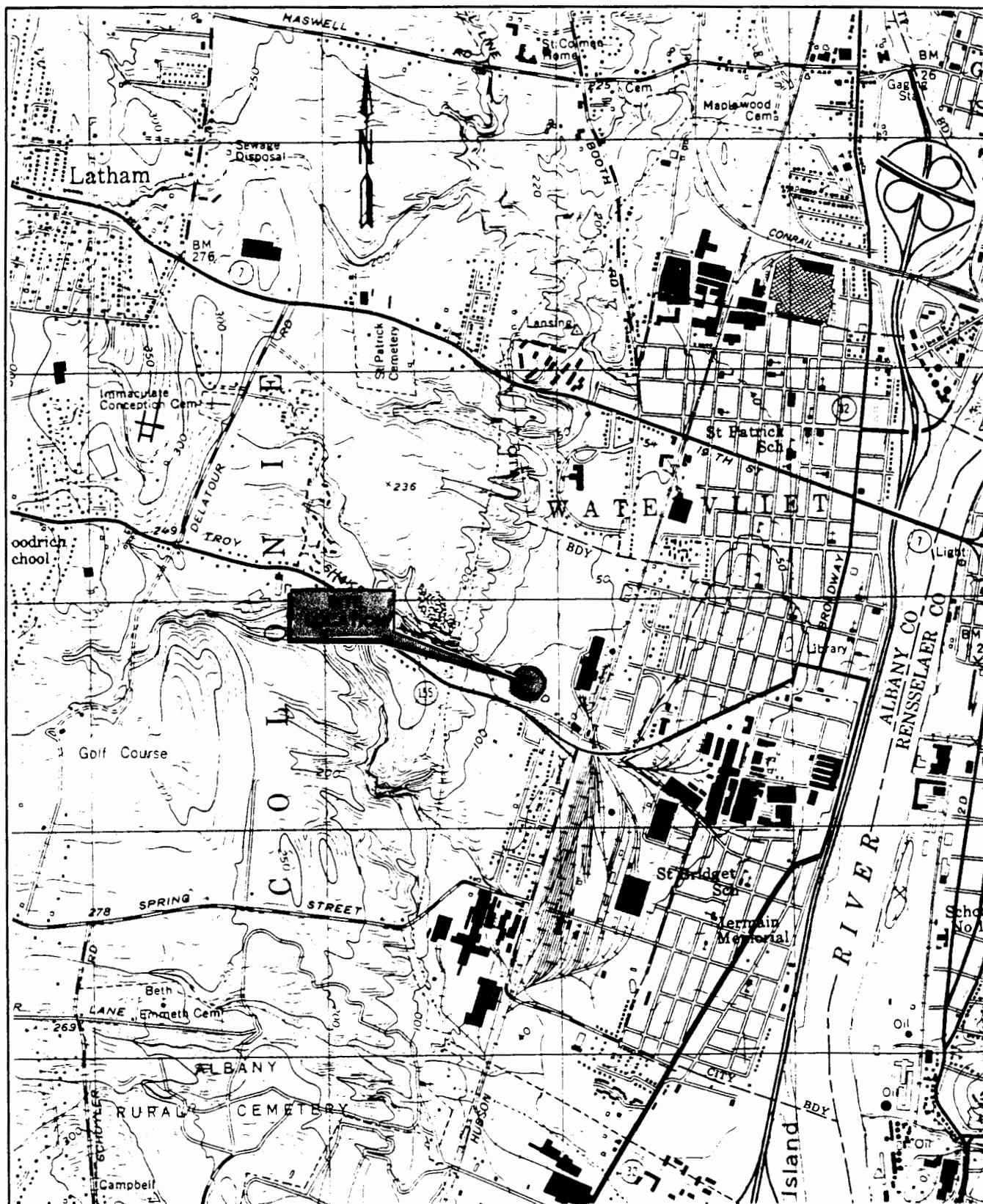


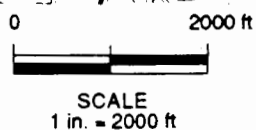
FIGURE 1-1

SITE LOCATION

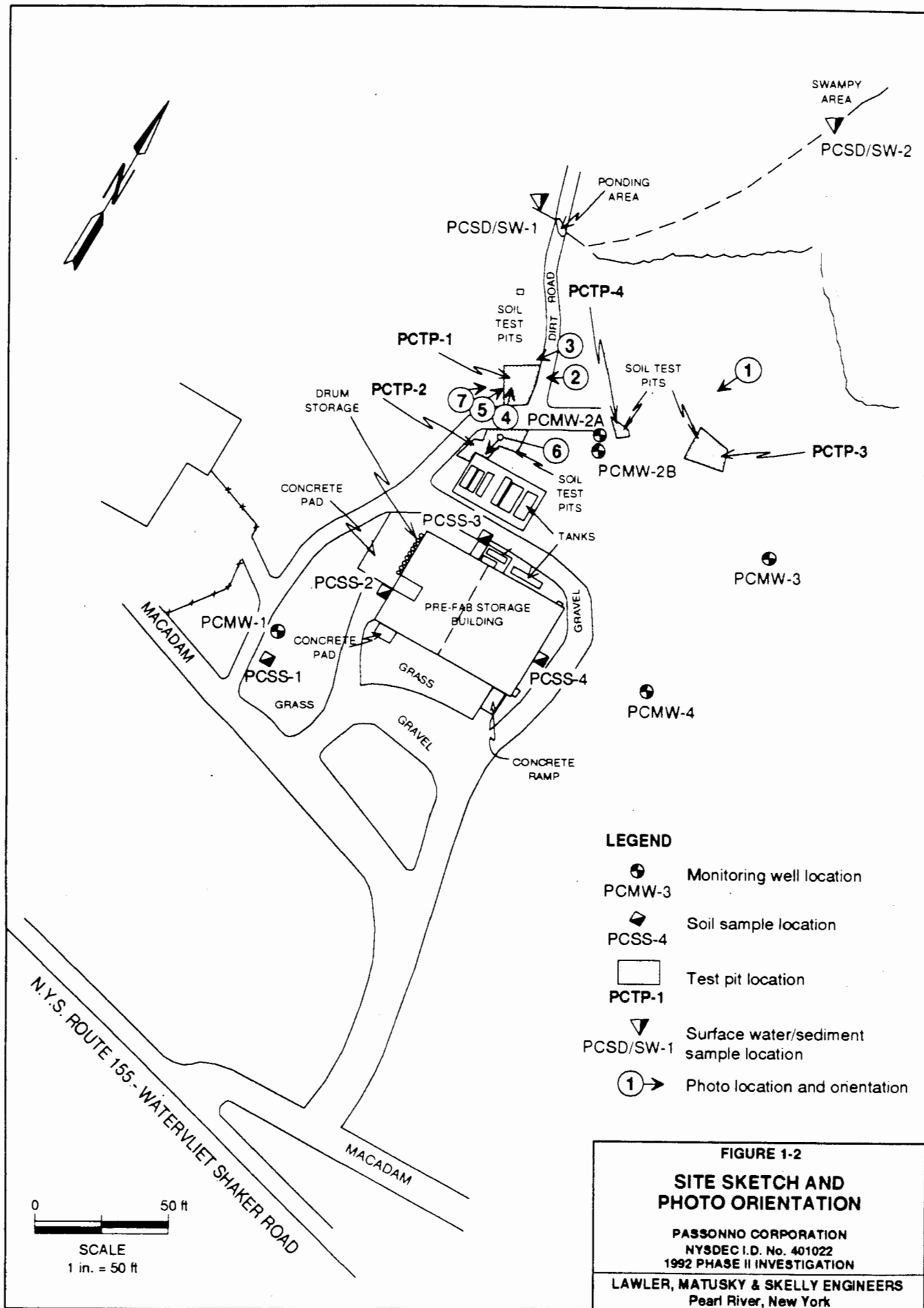
PASSONNO CORPORATION
 NYSDEC I.D. No. 401022
 1992 PHASE II INVESTIGATION

LAWLER, MATUSKY & SKELLY ENGINEERS
 Pearl River, New York

Map source: USGS 7.5-minute quadrangle series,
 Troy South, NY, 1952, photorevised 1980.



Lat: 42° 43' 30" N
 Long: 73° 43' 15" W



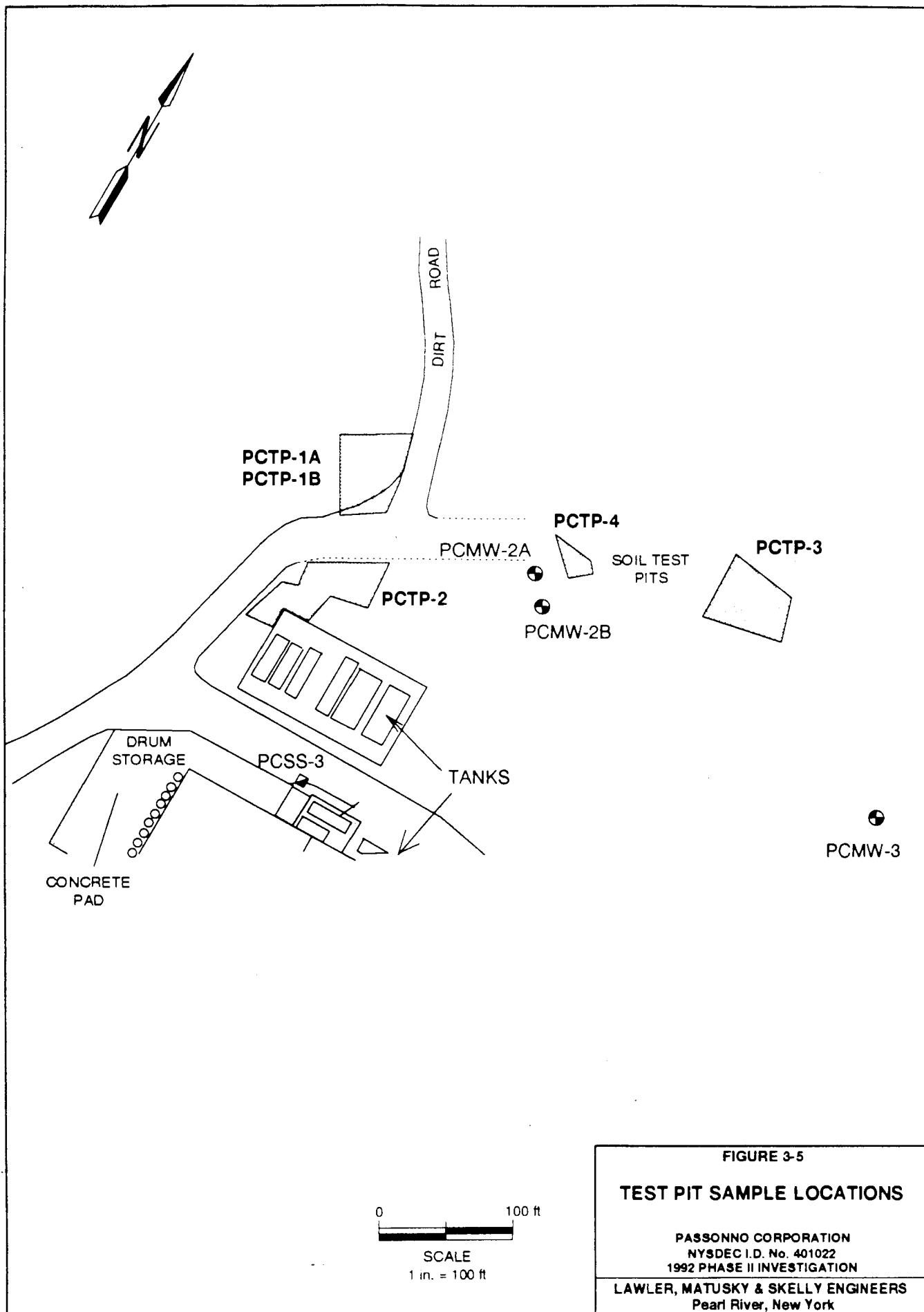
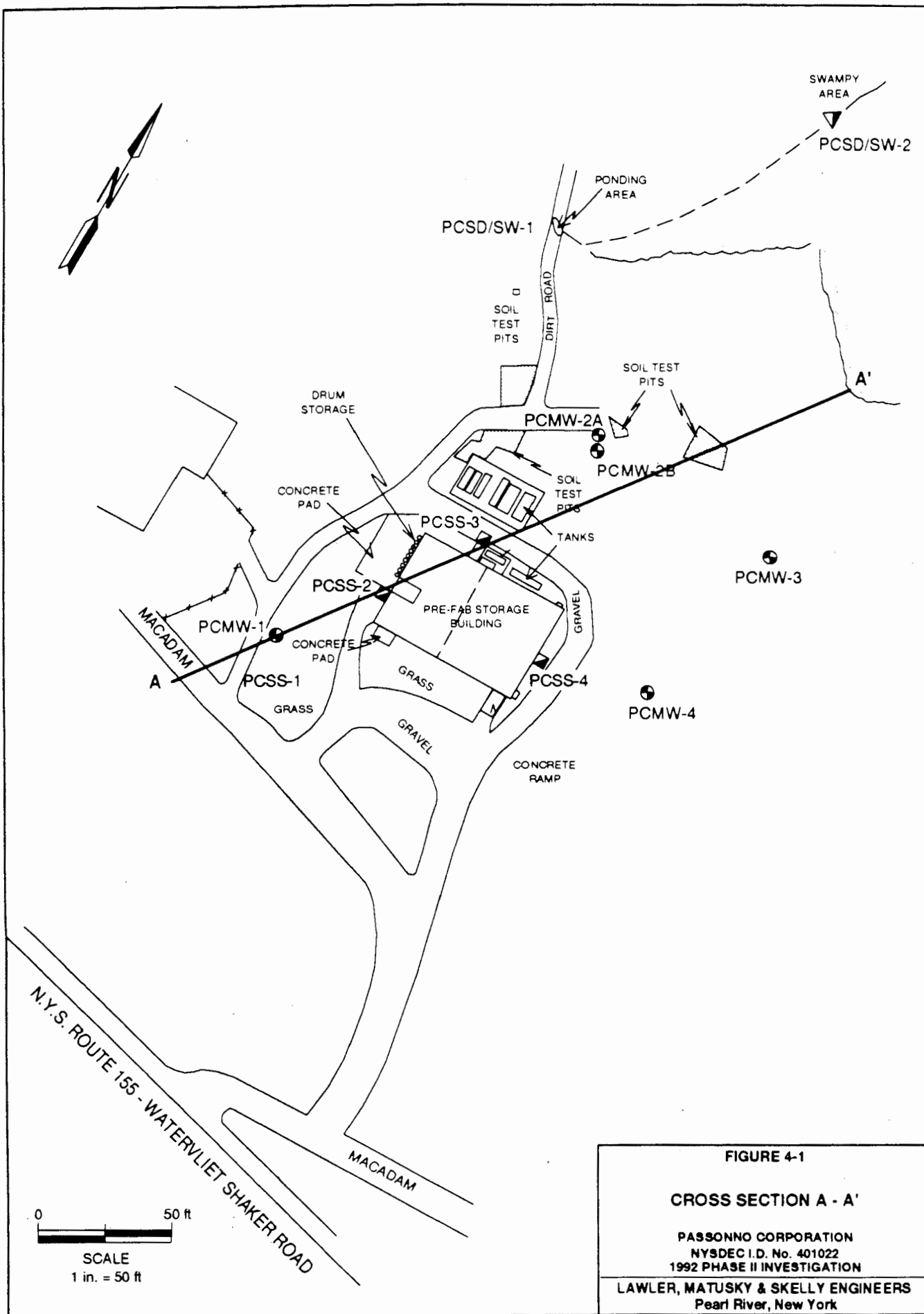


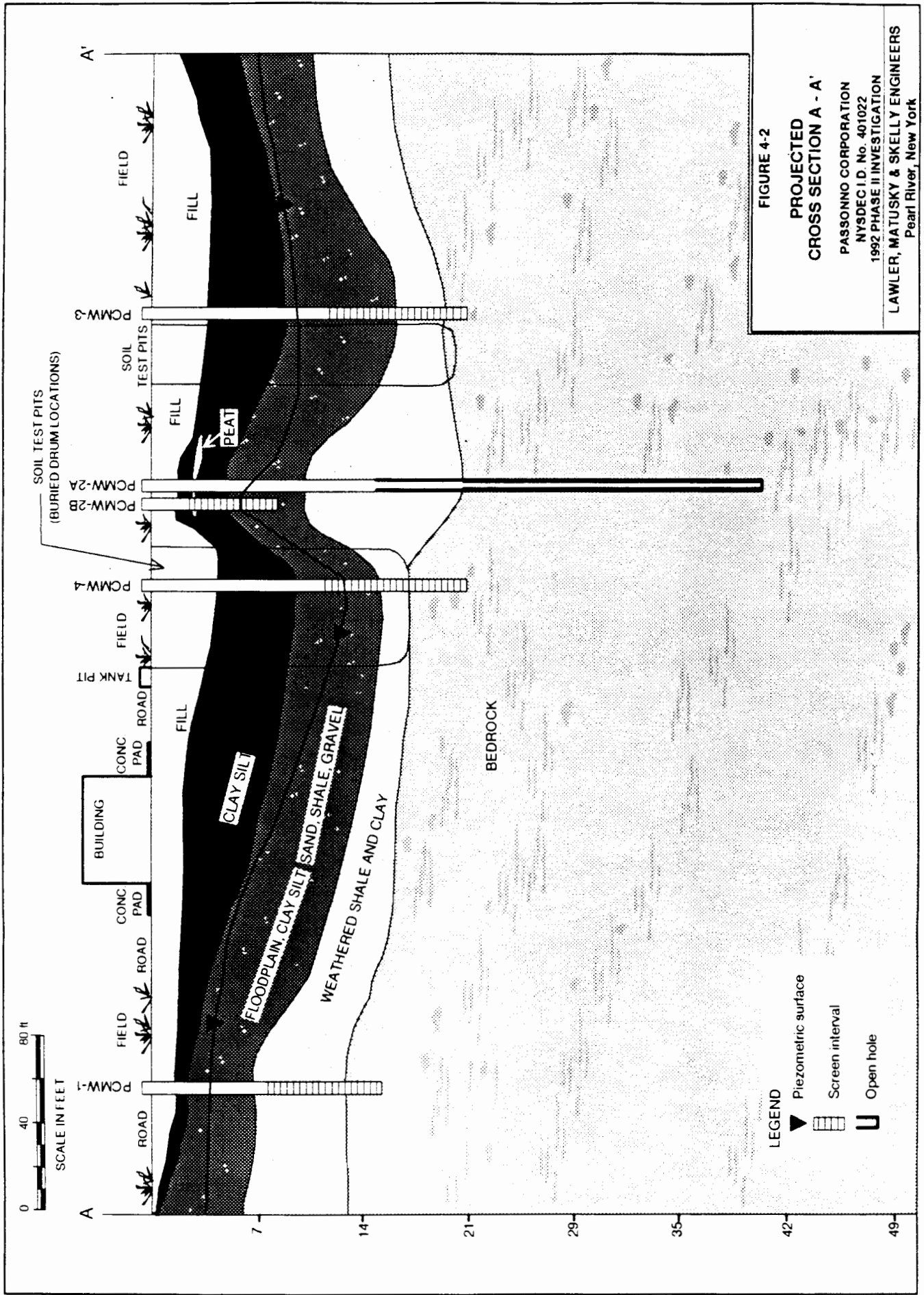
FIGURE 3-5

TEST PIT SAMPLE LOCATIONS

PASSONNO CORPORATION
NYSDEC I.D. No. 401022
1992 PHASE II INVESTIGATION

LAWLER, MATUSKY & SKELLY ENGINEERS
Pearl River, New York





CHAPTER 1

EXECUTIVE SUMMARY

The Passonno Corporation maintains a paint manufacturing and warehouse facility (Passonno Paints) on Watervliet-Shaker Road in the Town of Colonie in Albany County, New York, 1 mile west of the Hudson River and Watervliet, location of the company's main office (Figure 1-1). The warehouse facility in Colonie, the subject of this Phase II investigation, is situated on approximately 4 acres and is owned by Mr. Richard Cunningham.

The site operates essentially as a mixing and storage facility for roof and other surface coatings. Raw materials are stored outside in aboveground storage tanks, in 55-gal drums, or (in the case of solids added during the manufacturing process) in sealed bags. Processes at the facility include cold and hot mixing of colored and metallic bases with solvents to form the final liquid mixtures.

Solvents stored in the aboveground tanks include xylol, mineral spirits, and high-flash naphtha. Tars and heavy asphalt material are also stored in aboveground tanks within the bermed area.

According to Phase I documentation and information provided by Mr. Cunningham in 1973, approximately 60 drums containing black, off-specification radiator paint were emptied at the northwestern end of the facility, then buried in the same general area under 1 to 2 ft of fill material brought in from the Watervliet Arsenal. The off-specification material was reportedly mixed on-site using gillsonite, black pigment, xylol, and high-flash naphtha. Some other wastes, including roof coatings, may also have been disposed of.

Lawler, Matusky & Skelly Engineers (LMS), under contract to the New York State Department of Environmental Conservation (NYSDEC), performed a Phase II investigation to identify the nature of the contamination (if any) at the site. The main area of concern is located north of the building adjacent to the aboveground tank storage berm, where drums were reportedly emptied and subsequently buried (see Figure 1-2 and the photos oriented to

the figure). Several other locations adjacent to discharge points of floor drains were of specific concern.

To classify the site fully, the Phase II investigation included a geophysics survey to confirm the presence of buried metal and to indicate the area's approximate boundaries. Following the survey, several test pits were excavated in this area. Approximately 45 crushed drums were revealed in one portion of the burial area. Samples of waste remaining in several drums and soil exposed to the spilled material were analyzed for a variety of target compound list (TCL) parameters and for characteristics of hazardous waste.

Two liquid waste samples were collected; both failed ignitability tests and one of the two also contained leachable lead at a concentration of 77 mg/l. Soil samples were contaminated with volatile and semivolatile compounds as well as numerous metals above NYSDEC soil cleanup objectives and levels (used to restore inactive hazardous waste sites to predisposal conditions).

After monitoring wells were installed, groundwater samples were taken; surface water, sediment, and surface soil were also sampled at and around the site. The analytical results of these samples indicated that contamination confirmed in the test pit operation was not present in groundwater samples collected from the deep and shallow water-bearing zones. Trace groundwater contamination was encountered in the area of soil contamination; however, based on the downgradient well samples, there appears to be little, if any, migration of contamination through overburden materials. Surface water and sediment samples confirmed that contamination related to the site does not leave the site by these media.

Based on the data collected during the Phase II investigation, LMS believes that there is sufficient information to reclassify the site as a Class 2 hazardous waste site. Because there may be additional areas requiring investigation and/or remediation, LMS recommends a remedial investigation (RI), to include an interim remedial measure (IRM) focusing on the delineation, classification, and subsequent removal or treatment of the buried drums and contaminated soil at the site. Additional groundwater monitoring may be required if soil contamination or drums are found below the tank berm.

The floor drains that lead to the outside of the building should be cleaned and sealed to prevent accidental discharges onto the ground surface.

An additional investigation is needed in the area around and beneath the concrete drum storage pad along the western end of the building. During well installation, shallow soil contamination was observed in the area of the proposed upgradient well, causing it to be relocated.

TABLE 4-2 (Page 1 of 7)
TEST PIT SAMPLE DATA SUMMARY (JULY 1992)
Passonno Corp. NYSDEC I.D. No. 401022

PARAMETER	PCTP-1A ¹	DL ¹ PCTP-1A	PCTP-1B ¹	DL ¹ PCTP-1B	NYSDEC RECOMMENDED SOIL CLEANUP OBJECTIVES (b)
VOLATILE ORGANICS (mg/kg)					
Methylene chloride	2.00 b j	7.20 b d j	7.30 b j	ND	0.1
Acetone	ND	29.0 b d j	ND	ND	0.2
1,1-Dichloroethylene	ND	ND	ND	ND	0.4
2-Butanone	ND	ND	ND	ND	0.3
Trichloroethylene	ND	ND	ND	ND	0.7
Benzene	0.720 j	ND	9.40 j	ND	0.06
Tetrachloroethylene	ND	ND	ND	ND	1.4
Toluene	ND	ND	780	590 d j	1.5
Chlorobenzene	ND	ND	ND	ND	1.7
Ethylbenzene	310 e	300 d	7,700 e	8,500 d	5.5
Xylene (total)	670 e	860 d	19,000 e	38,000 d e	1.2
Tentatively Identified Compounds					
Methylcyclohexane	130 j	ND	ND	ND	NA
Unknown dimethylcyclohexa	373 (d) j	197 (3) d j	760 (2) j	ND	NA
Unknown alkylsubstituted cyc	160 j	34.0 d j	ND	ND	NA
Heptane, 2-methyl-	120 j	ND	ND	ND	NA
Unknown trimethylbenzene	65.0 j	68.0 d j	860 j	ND	NA
Octane	120 j	110 d j	1,600 j	1,500 d j	NA
Propylbenzene	46.0 j	41.0 d j	540 j	ND	NA
Cyclohexane, methyl-	ND	ND	380 j	660 d j	NA
Unknown alkylsubstituted cycl	ND	ND	950 (2) j	ND	NA
Unknown ethylmethylcyclohe	ND	ND	420 j	ND	NA
Unknown alkane	ND	ND	220 j	ND	NA
Unknown hydrocarbon	ND	ND	ND	ND	NA
Nonane	ND	ND	ND	ND	NA
Unknown hydrocarbons	ND	ND	ND	ND	NA

- () - Number of compounds in total
(b) - NYSDEC Division of Hazardous Waste Remediation Memorandum (HWR-92-4046)
16 November 1992, Determination of Soil Cleanup Objectives and Cleanup Levels.
1 - Recorded concentration not corrected for % solids. Results are estimated biased high (Ref. 17).
b - Found in associated blanks.
d - Concentration recovered from diluted sample.
e - Estimated concentration; exceeds GC/MS calibration range.
j - Estimated concentration; compound present below quantitation limit.
DL - Diluted sample analysis (Ref. 18).
NA - Not applicable.
ND - Not detected at analytical detection limit (Ref. 18).
NU - Tetrachloroethylene likely a laboratory anomaly and not a sample component, datum is unusable (Ref. 19).

TABLE 4-2 (Page 2 of 7)

TEST PIT SAMPLE DATA SUMMARY (JULY 1992)
 Passonno Corp. NYSDEC I.D. No. 401022

PARAMETER	PCTP-2A	DL	MS	MSD	PCTP-2A	PCTP-4A	FIELD BLANK (mg/l) (7/22/92)	TRIP BLANK (mg/l) (7/22/92)	NYSDEC RECOMMENDED SOIL CLEANUP OBJECTIVES (b)
VOLATILE ORGANICS (mg/kg)									
Methylene chloride	0.19 b j	1.90 b d j	0.23 b j	0.25 b j	0.68 b j	0.001 b j	0.002 b j		0.1
Acetone	1.10 b j	ND	ND	ND	ND	ND	ND	ND	0.2
2-Butanone	ND	ND	0.69 b j	1.00 b j	ND	ND	ND	ND	0.3
Ethylbenzene	ND	ND	ND	ND	0.63 j	0.002 j	0.001 j		5.5
Xylene (total)	ND	ND	ND	ND	1.70 j	0.008 j	0.004 j		1.2
Tentatively Identified Compounds									
Methylcyclohexane	ND	ND	NR	NR	ND	ND	ND	ND	NA
Unknown dimethylcyclohexane	48.3 (4) j	25.0 (2) d j	NR	NR	146 (5) j	ND	ND	ND	NA
Unknown alkylsubstituted cyc	ND	ND	NR	NR	33.0 j	ND	ND	ND	NA
Heptane, 2-methyl-	10.0 j	11.0 d j	NR	NR	ND	ND	ND	ND	NA
Unknown trimethylbenzene	ND	ND	NR	NR	ND	ND	ND	ND	NA
Octane	ND	ND	NR	NR	ND	ND	ND	ND	NA
Propylbenzene	ND	ND	NR	NR	ND	ND	ND	ND	NA
Cyclohexane, methyl-	ND	ND	NR	NR	ND	ND	ND	ND	NA
Unknown alkylsubstituted cycl	ND	ND	NR	NR	ND	ND	ND	ND	NA
Unknown ethylmethylcyclohexa	ND	ND	NR	NR	ND	ND	ND	ND	NA
Unknown alkane	4.30 j	4.50 d j	NR	NR	ND	ND	ND	ND	NA
Unknown hydrocarbon	14.9 (3) j	9.70 d j	NR	NR	74.0 (3) j	ND	ND	ND	NA
Nonane	2.40 j	ND	NR	NR	14.0 j	ND	ND	ND	NA

() - Number of compounds in total.

(b) - NYSDEC Division of Hazardous Waste Remediation Memorandum (HWR-92-4046)
 16 November 1992, Determination of Soil Cleanup Objectives and Cleanup Levels.

b - Found in associated blanks

d - Concentration recovered from diluted sample (Ref. 18).

j - Estimated concentration; compound present below quantitation limit.

DL - Diluted sample analysis (Ref. 18).

NA - Not applicable.

ND - Not detected at analytical detection limit (Ref. 18).

NR - Not run.

MS - Matrix spike.

MSD - Matrix spike duplicate.

TABLE 4-2 (Page 3 of 7)

TEST PIT SAMPLE DATA SUMMARY (JULY 1992)

Passonno Corp. NYSDEC I.D. No. 401022

PARAMETER	PCTP-1A	PCTP-1B	MS*	MSD*	PCTP-1B	PCTP-2A	MS	MSD	PCTP-2A	PCTP-4A	FIELD BLANK (mg/l)	NYSDEC RECOMMENDED SOIL CLEANUP OBJECTIVES (b)
SEMIVOLATILE ORGANICS (mg/kg)												
bis(2-Chloroethyl)ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
Benzyl alcohol	ND	ND	ND	170 j	ND	ND	ND	ND	ND	ND	ND	NA
Naphthalene	3,000	2,800	5,000 e	4,300 e	ND	ND	ND	ND	130 j	ND	ND	13.0
2-Methylnaphthalene	970	330 j	620	560	ND	ND	ND	ND	0.78 j	ND	ND	36.4
Acenaphthylene	ND	240 j	ND	ND	ND	ND	ND	ND	1.60 j	ND	ND	41.0
Acenaphthene	760 j	ND	610	620	ND	ND	ND	ND	ND	ND	ND	50.0
Dibenzofuran	580 j	140 j	280 j	290 j	ND	ND	ND	ND	1.60 j	ND	ND	6.2
Fluorene	840	160 j	300 j	310 j	ND	ND	ND	ND	1.90 j	ND	ND	50
Pentachlorophenol	ND	ND	ND	ND	0.10 j	ND	ND	ND	ND	ND	ND	1.0
Phenanthrene	1,900	400	720	760	0.02 j	ND	ND	ND	27.0	ND	ND	50
Anthracene	570 j	23.0 j	41.0 j	47.0 j	ND	ND	ND	ND	8.60	ND	ND	50
Carbazole	130 j	32.0 j	52.0 j	72.0 j	ND	ND	ND	ND	3.00 j	ND	ND	NA
Fluoranthene	780	170 j	270 j	290 j	0.023 j	ND	ND	ND	30.0	ND	ND	50
Pyrene	430 j	100 j	ND	ND	0.026 j	ND	ND	ND	33.0	ND	ND	50
Benzo(a)anthracene	96.0 j	ND	ND	ND	ND	ND	ND	ND	37.0	ND	ND	0.22
Chrysene	100 j	ND	ND	ND	ND	ND	ND	ND	27.0	ND	ND	0.4
bis(2-Ethylhexyl)phthalate	ND	ND	ND	ND	0.022 j	0.031	0.097 j	ND	ND	ND	ND	50
Benzo(b)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	34.0	ND	ND	1.1
Benzo(k)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	14.0	ND	ND	1.1
Benzo(a)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	26.0	ND	ND	0.061
Indeno(1,2,3-c,d)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	15.0	ND	ND	3.2
Dibenzo(a,h)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	11.0	ND	ND	0.014
Benzo(g,h,i)perylene	ND	ND	ND	ND	ND	ND	ND	ND	9.70	ND	ND	50

* - Spiking compound; data not representative of actual sample concentration.

(b) - NYSDEC Division of Hazardous Waste Remediation Memorandum (HWR-92-4046)
16 November 1992, Determination of Soil Cleanup Objectives and Cleanup Levels.

1 - Data estimated due to elevated spike recoveries; possibly biased high (Ref. 18).

e - Estimated concentration; exceeds GC/MS calibration range.

j - Estimated concentration; compound present below quantitation limit.

MS - Matrix spike.

NA - Not applicable.

ND - Not detected at analytical detection limit (Ref. 18).

MSD - Matrix spike duplicate.

TABLE 4-2 (Page 4 of 7)

TEST PIT SAMPLE DATA SUMMARY (JULY 1992)
 Passonno Corp. NYSDEC I.D. No. 401022

PARAMETER	PCTP-1A	PCTP-1B	MS	MSD	PCTP-2A	MS	MSD	PCTP-2A	PCTP-4A	FIELD BLANK (mg/l)	NYSDEC RECOMMENDED SOIL CLEANUP OBJECTIVES (b)
SEMIVOLATILE ORGANICS (mg/kg)											
Tentatively Identified Compounds											
Unknown aliphatic alcohol	ND	ND	NR	NR	ND	NR	NR	NR	ND	0.004 j	NA
Unknown	ND	ND	NR	NR	ND	NR	NR	NR	20.7 (2) j	0.016 b j	NA
Benzenesulfonamide, n-butyl-	ND	ND	NR	NR	ND	NR	NR	NR	ND	0.054 j	NA
Unknown alkane	110,300 (11) j	34,500 (8) j	NR	NR	0.546 (4) j	NR	NR	NR	15.0 j	ND	NA
Benzene, 1-ethyl-3-methyl-	11,000 j	6,500 j y	NR	NR	ND	NR	NR	NR	ND	ND	NA
Benzene, 1-ethyl-4-methyl-	8,500 j	4,800 j	NR	NR	ND	NR	NR	NR	ND	ND	NA
Benzene, 1,3,5-trimethyl-	8,000 j	4,600 j	NR	NR	ND	NR	NR	NR	ND	ND	NA
Benzene, 1,2,4-trimethyl-	15,000 j y	6,800 j y	NR	NR	ND	NR	NR	NR	ND	ND	NA
Decane	10,000 j	11,000 j y	NR	NR	ND	NR	NR	NR	ND	ND	NA
Benzene, 1,2,3-trimethyl-	10,000 j	4,300 j	NR	NR	ND	NR	NR	NR	ND	ND	NA
Unknown methylpropylcyclohex	7,700 j	2,700 j	NR	NR	ND	NR	NR	NR	ND	ND	NA
Unknown ethyldimethylbenze	6,000 j	ND	NR	NR	ND	NR	NR	NR	ND	ND	NA
Undecane	15,000 j y	12,000 j y	NR	NR	ND	NR	NR	NR	ND	ND	NA
Nonane	ND	6,200 j y	NR	NR	ND	NR	NR	NR	ND	ND	NA
Benzene, propyl-	ND	2,500 j	NR	NR	ND	NR	NR	NR	ND	ND	NA
Benzene, 1-ethyl-2-methyl-	ND	3,300 j	NR	NR	ND	NR	NR	NR	ND	ND	NA
Dodecane	ND	5,000 j	NR	NR	ND	NR	NR	NR	ND	ND	NA
2-Pentanone, 4-hydroxy-4-met	ND	ND	NR	NR	8.30 a b j	NR	NR	NR	ND	ND	NA
Benzaldehyde	ND	ND	NR	NR	0.120 b j	NR	NR	NR	ND	ND	NA
Naphthalene, decahydro-	ND	ND	NR	NR	0.087 j	NR	NR	NR	ND	ND	NA
Benzoyl chloride	ND	ND	NR	NR	0.087 b j	NR	NR	NR	ND	ND	NA

() - Number of compounds in total.

(b) - NYSDEC Division of Hazardous Waste Remediation Memorandum (HWR-92-4046)
 16 November 1992, Determination of Soil Cleanup Objectives and Cleanup Levels.

a - Suspected aldol condensation package.

b - Found in associated blanks.

j - Estimated concentration; compound present below quantitation limit.

y - Compound present below adjusted contract-required detection limit (Ref. 17).

MS - Matrix spike.

NA - Not applicable.

ND - Not detected at analytical detection limit (Ref. 18).

NR - Not run.

MSD - Matrix spike duplicate.

TABLE 4-2 (Page 5 of 7)
TEST PIT SAMPLE DATA SUMMARY (JULY 1992)
Passonno Corp. NYSDEC I.D. No. 401022

PARAMETER	PCTP-1A	PCTP-1B	MS	MSD	PCTP-1B	PCTP-1B	MS	MSD	PCTP-2A	MS	MSD	PCTP-2A	PCTP-4A	FIELD BLANK (mg/l)	NYSDEC RECOMMENDED SOIL CLEANUP OBJECTIVES (b)
SEMIVOLATILE ORGANICS (mg/kg)															
Tentatively Identified Compounds															
Triethylene glycol	ND	ND	NR	NR	NR	0.13 j	NR	NR	NR	NR	NR	NR	ND	ND	NA
Unknown polyalkoxyalcohol	ND	ND	NR	NR	NR	0.64 (2) j	NR	NR	NR	NR	NR	NR	ND	ND	NA
Unknown hexanedioate	ND	ND	NR	NR	NR	0.21 j	NR	NR	NR	NR	NR	NR	ND	ND	NA
Unknown decanedioate	ND	ND	NR	NR	NR	0.21 b j	NR	NR	NR	NR	NR	NR	ND	ND	NA
Nonacosane	ND	ND	NR	NR	NR	0.99 j	NR	NR	NR	NR	NR	NR	ND	ND	NA
Phenanthrene, 3-methyl-	ND	ND	NR	NR	NR	ND	NR	NR	NR	NR	NR	NR	7.50 j	ND	NA
Phenanthrene, 2-methyl-	ND	ND	NR	NR	NR	ND	NR	NR	NR	NR	NR	NR	10.0 j	ND	NA
Anthracene, 2-methyl-	ND	ND	NR	NR	NR	ND	NR	NR	NR	NR	NR	NR	9.10 j	ND	NA
4H-cyclopenta[def]phenanthrene	ND	ND	NR	NR	NR	ND	NR	NR	NR	NR	NR	NR	7.70 j	ND	NA
Unknown benzonaphthofuran	ND	ND	NR	NR	NR	ND	NR	NR	NR	NR	NR	NR	16.0 j	ND	NA
Unknown benzofluorene	ND	ND	NR	NR	NR	ND	NR	NR	NR	NR	NR	NR	9.50 j	ND	NA
11H-benzo[a]fluorene	ND	ND	NR	NR	NR	ND	NR	NR	NR	NR	NR	NR	17.0 j	ND	NA
Unknown methylpyrene	ND	ND	NR	NR	NR	ND	NR	NR	NR	NR	NR	NR	17.7 (2) j	ND	NA
Unknown benzantracenone	ND	ND	NR	NR	NR	ND	NR	NR	NR	NR	NR	NR	10.0 j	ND	NA
Benzo[c]phenanthrene	ND	ND	NR	NR	NR	ND	NR	NR	NR	NR	NR	NR	7.10 j	ND	NA
Unknown c19h14 pna-hydrocar	ND	ND	NR	NR	NR	ND	NR	NR	NR	NR	NR	NR	13.0 j	ND	NA
Unknown c20h14 pna-hydrocar	ND	ND	NR	NR	NR	ND	NR	NR	NR	NR	NR	NR	12.0 j	ND	NA
Unknown c20h12 pna-hydrocar	ND	ND	NR	NR	NR	ND	NR	NR	NR	NR	NR	NR	27.0 j	ND	NA
Benzo[e]pyrene	ND	ND	NR	NR	NR	ND	NR	NR	NR	NR	NR	NR	32.0 j	ND	NA
Perylene	ND	ND	NR	NR	NR	ND	NR	NR	NR	NR	NR	NR	15.0 j	ND	NA
Unknown c21h14 pna-hydrocar	ND	ND	NR	NR	NR	ND	NR	NR	NR	NR	NR	NR	9.00 j	ND	NA
PESTICIDES/PCBs (mg/kg)															
alpha-BHC	0.011 j p	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.11
4,4'-DDE	ND	ND	0.098 j z	0.21 z	ND	ND	0.005 z	0.004 z	ND	ND	ND	ND	ND	ND	2.1
4,4'-DDD	ND	ND	ND	ND	ND	ND	0.002 z	0.002 z	ND	ND	ND	ND	ND	ND	2.9
Endrin ketone	ND	ND	0.051 j	0.10 j z	ND	ND	0.003 j p z	0.003 j	0.036 j p	ND	ND	ND	0.019 j	ND	NA
alpha-Chlordane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.54+

() - Number of compounds in total.
(b) - NYSDEC Division of Hazardous Waste Remediation Memorandum (HWR-92-4046)
16 November 1992, Determination of Soil Cleanup Objectives and Cleanup Levels.
+ - Cleanup objectives for Chlordane.
b - Found in associated blanks.
j - Estimated concentration; compound present below quantitation limit.
p - Pesticide/aroclor target analyte has >25% difference for the detected concentrations between the two GC columns.
z - Suspected breakdown product of a matrix spike analyte.
NA - Not applicable.
MS - Matrix spike.
NR - Not detected at analytical detection limit (Ref. 18).
MSD - Matrix spike duplicate.

TABLE 4-2 (Page 6 of 7)

TEST PIT SAMPLE DATA SUMMARY (JULY 1992)

Passonno Corp. NYSDEC I.D. No. 401022

PARAMETER	PCTP-1A	PCTP-1B	PCTP-2A	PCTP-4A	NYSDEC EPTOX STANDARDS AND RCRA HAZARDOUS WASTE CRITERIA
EPTOX					
PESTICIDES (mg/l)	ND	ND	ND	ND	-
EPTOX					
HERBICIDE (mg/l)	ND	ND	ND	ND	-
CONVENTIONALS					
Flashpoint (°F)	67	80	>150	>150	< 140 +
Reactive cyanide (mg/kg)	<3.5 @	<69	<42	<43	250
Reactive sulfide (mg/kg)	<4.8 @	<96	<58	<60	500
pH	5.3	6.93	7.56	7.79	<2 or >12 +
Solids, total (%w/w)	43.0	50.2	83.4	80.5	-
TCLP METALS (mg/l)					
Arsenic, total	<1	<1	<1	<1	5.0
Barium, total	<10	<10	<10	<10	100
Cadmium, total	<0.1	<0.1	<0.1	<0.1	1.0
Chromium, total	<1	<1	<1	<1	5.0
Lead, total	<1	77	<1	<1	5.0
Mercury, total	<0.04	<0.04	<0.04	<0.04	0.2
Selenium, total	<0.1	<0.1	<0.1	<0.1	1.0
Silver, total	<1	<1	<1	<1	5.0

+ - For liquids.

@ - Reported in mg/l

ND - Not detected at analytical detection limit (Ref. 18).

TABLE 4-2 (Page 7 of 7)

TEST PIT SAMPLE DATA SUMMARY (JULY 1992)

Passonno Corp. NYSDEC I.D. No. 401022

PARAMETER	PCTP-1A	PCTP-1B	PCTP-2A	DUP PCTP-2A	PCTP-4A	FIELD BLANK (mg/l) (7/21/92)	EASTERN U.S. BACKGROUND SOIL CONCENTRATIONS (b)
TAL METALS (mg/kg)							
Aluminum	958	22,300	15,600	16,110	8,110	2.73	33,000
Antimony	ND N*	1,040 N*	ND N*	ND*	ND N*	ND	N/A
Arsenic	ND	1.5 B	8.1	8.0	12.4	ND	3.0 - 12.0 æ
Barium	9.1 B	66.2	117	118	98.7	0.05 B	15 - 600
Beryllium	ND	0.15 B	1.1	1.0	0.70 B	ND	0 - 1.75
Cadmium	ND	2.4	ND	ND	ND	ND	0.1 - 1.0
Calcium	739 B	58,800	1,780	1,796	44,000	3.28 B	130 - 35,000 æ
Chromium	5.5	12,900	25.8	24.0	12.7	0.011	1.5 - 40.0 æ
Cobalt	3.2 B	14.0	21.8	20.2	8.2	0.011 B	2.5 - 60.0 æ
Copper	3.4 B	0.66 B	33.0	33.0	59.0	0.012 B	1.0 - 50.0
Iron	8,800	7,410	37,100	38,152	16,300	4.66	2,000 - 550,000
Lead	18.0*	138,000 N R*	119 N R*	55.7*	54.2 N R*	0.032	4.0 - 61
Magnesium	486 B	1,740	6,240	6,670	3,160	1.75 B	100 - 5,000
Manganese	82.5	51.1	877	927	471	0.15	50 - 5,000
Mercury	0.43	10.0	ND	ND	0.07 B	ND	0.001 - 0.2
Nickel	10.0 B	4.6 B	38.1	36.1	17.1	0.016 B	0.5 - 25
Potassium	534 B	534 B	2,060	1,955	858	3.24 B	8,500 - 43,000 æ
Selenium	ND N*	ND W N*	0.24 B N*	ND*	0.52 B N*	ND	0.1 - 3.9
Silver	ND	2.9	ND	ND	ND	0.005 B	N/A
Sodium	ND	1,040 B	62.9 B	72.2 B	66.7 B	0.33 B	6,000 - 8,000
Thallium	ND	ND	ND	ND	ND	ND	N/A
Vanadium	8.8 B	10.6 B	29.8	30.2	18.8	0.009 B	1.0 - 300
Zinc	37.1	7,710	69.0	71.6	90.3	0.034	9.0 - 50
Cyanide	ND	2,440	ND	ND	33.2	ND	N/A

(b) - NYSDEC Division of Hazardous Waste Remediation Memorandum (HWR-92-4046)

16 November 1992, Determination of Soil Cleanup Objectives and Cleanup Levels.

- Due to poor spike recovery and duplicate correlation these results are suspect and are usable only to indicate approximate contamination.

- New York State background concentration.

- Concentrations estimated due to poor spike recoveries, possibly biased low (Ref. 18).

- Value is less than the contract-required detection

- limit but greater than the instrument detection limit.

N - Spiked sample recovery is not within control limits.

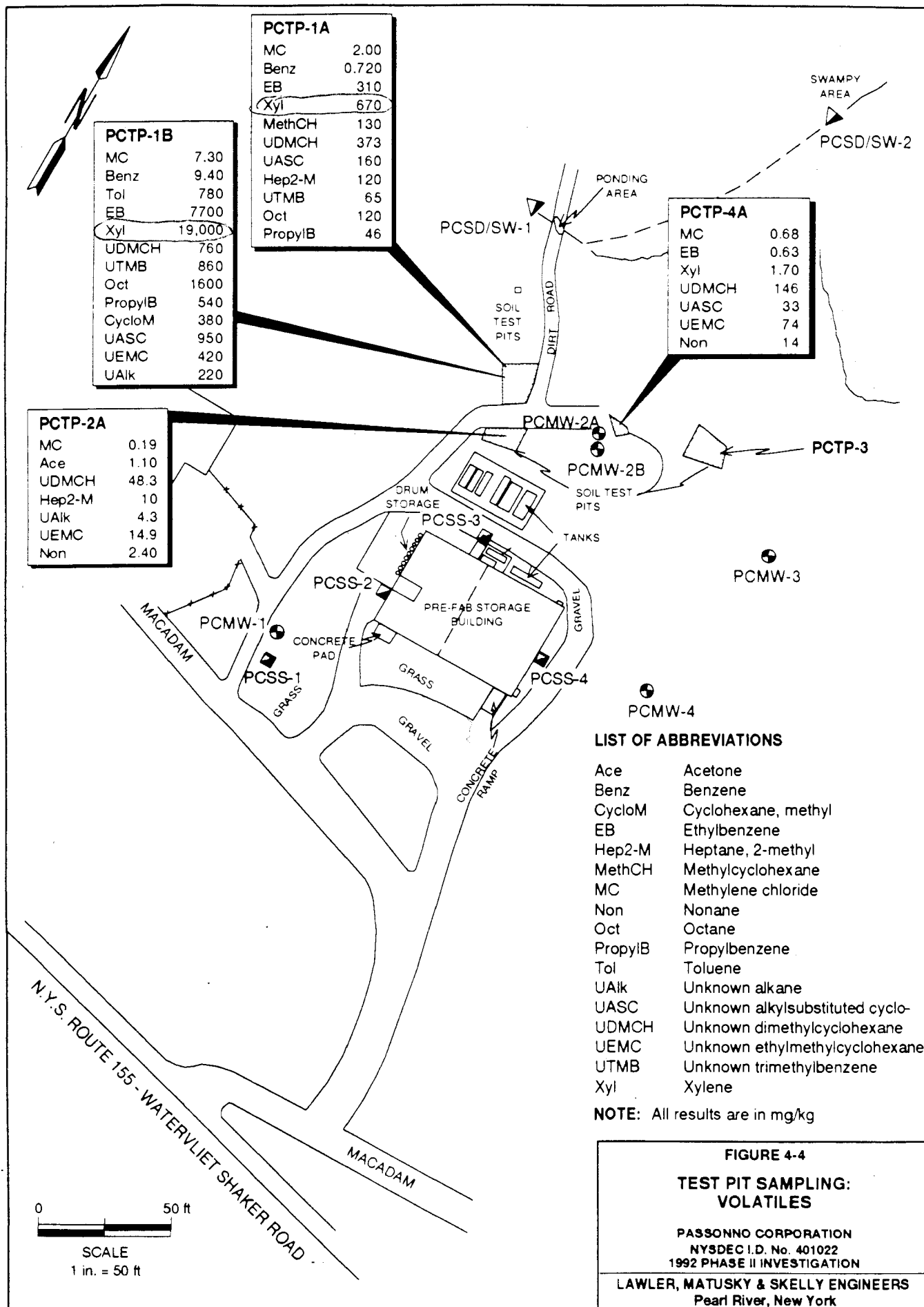
R - Duplicate analysis not within control limits.

- W - Post-digestion spike out of control limits, sample absorbance is less than 50% of spike absorbance.

- N/A - Not available.

- ND - Not detected at analytical detection limit (Ref. 18).

- DUP - Duplicate sample analysis



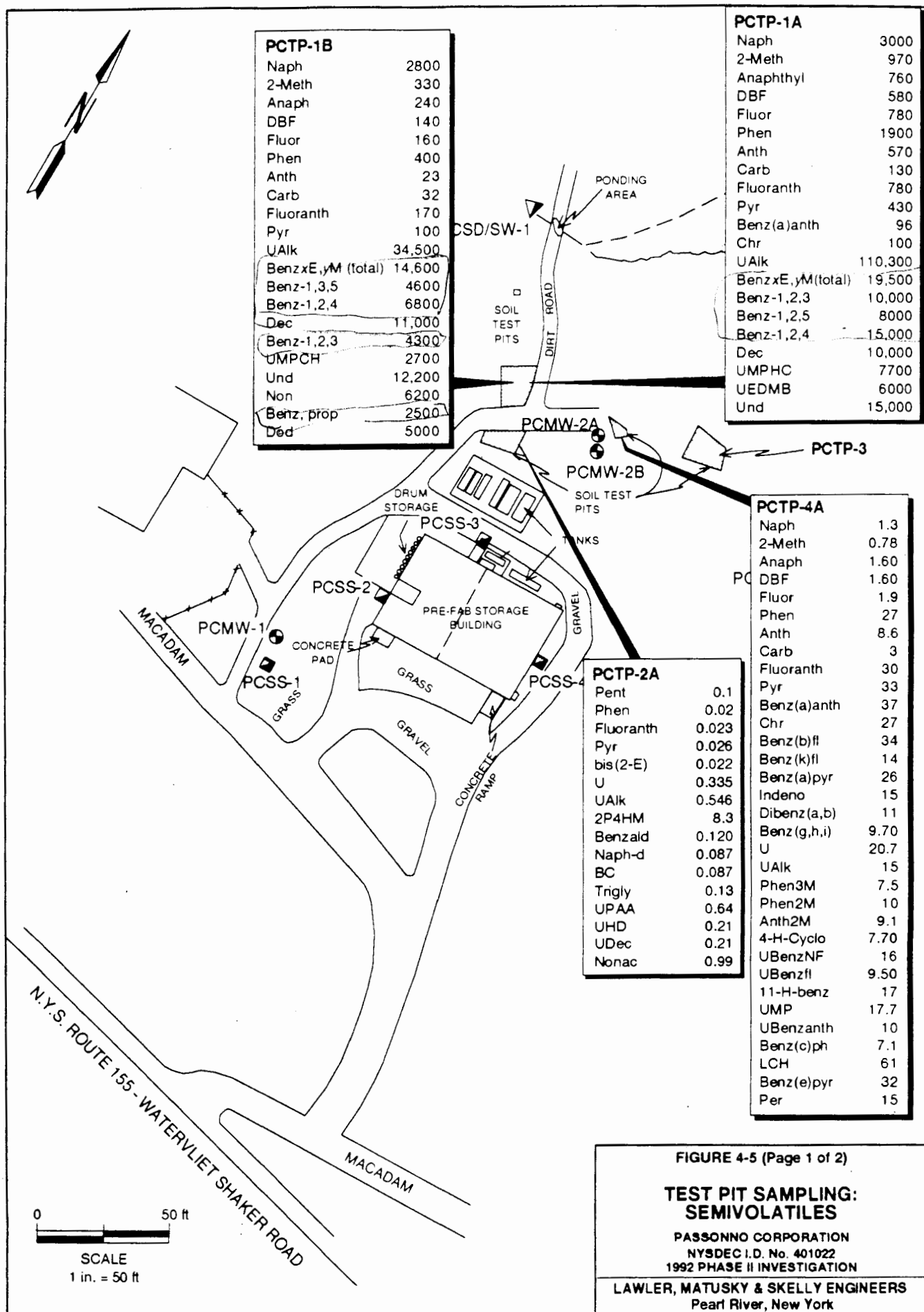


FIGURE 4-5 (Page 1 of 2)

TEST PIT SAMPLING: SEMIVOLATILES

PASSONNO CORPORATION
NYSDEC I.D. No. 401022
1992 PHASE II INVESTIGATION

LAWLER, MATUSKY & SKELLY ENGINEERS
Pearl River, New York

SEMIVOLATILES

Anaph	Acenaphthene
Anaphthyl	Acenaphthylene
Anth	Anthracene
Anth2M	Anthracene, 2-methyl
Benzald	Benzaldehyde
Benzx _E ,y _M	Benzene, x-ethyl-y-methyl (total)
Benz1-2-3	Benzene, 1-2-3-trimethyl
Benz1-2-4	Benzene, 1-2-4-trimethyl
Benz1-3-5	Benzene, 1-3-5-trimethyl
Benz. prop	Benzyne, propyl
Benz(a)anth	Benzo(a)anthracene
Benz(a)pyr	Benzo(a)pyrene
Benz(b)fl	Benzo(b)fluoranthene
Benz(c)ph	Benzo(c)phenanthrene
Benz(e)pyr	Benzo(e)pyrene
Benz(g,h,i)	Benzo(g,h,i)perylene
Benz(k)fl	Benzo(k)fluoranthene
BC	Benzoyl chloride
bis(2-E)	bis(2-Ethylehexyl)phthalate
Carb	Carbazole
Chr	Chrysene
Dec	Decane
DBF	Dibenzofuran
Dod	Dodacane
Fluoranth	Fluoranthene
Fluor	Fluorene
4-H-Cyclo	4-H-cyclopenta(def)phenanthrene
11H-Benz	11H-benzo(a)fluorene
Indeno	Indeno(1,2,3-c,d)pyrene
2-Meth	2-Methylnaphthalene
Naph	Naphthalene
Naph-d	Naphthalene, decahydro
Non	Nonane
Nonac	Nonacosane
2P4H4M	2-Pentanone, 4hydroxy-4-met
Pent	Pentachlorophenol
Per	Perylene
Phen	Phenanthrene
Phen2M	Phenanthrene, 2-methyl
Phen3M	Phenanthrene, 3-methyl
Pyr	Pyrene
Trigly	Triethylglycol
Und	Undecane
U	Unknown
UAlk	Unknown alkane
Ubenzanth	Unknown benzanthrene
Ubenzfl	Unknown benzofluorene
UbenzNF	Unknown benzonaphthofuran
UDec	Unknown decanedioate
UEDMB	Unknown ethyldimethylbenzene
UHD	Unknown hexanedioate
UMPCH	Unknown methylpropylcyclohexane
UMP	Unknown methylpyrene
UPAA	Unknown polyalkoxyalcohol
LCH	Long chain hydrocarbon

FIGURE 4-5 (Page 2 of 2)

TEST PIT SAMPLING: SEMIVOLATILES

PASSONNO CORPORATION
NYSDEC I.D. No. 401022
1992 PHASE II INVESTIGATION

LAWLER, MATUSKY & SKELLY ENGINEERS
Pearl River, New York

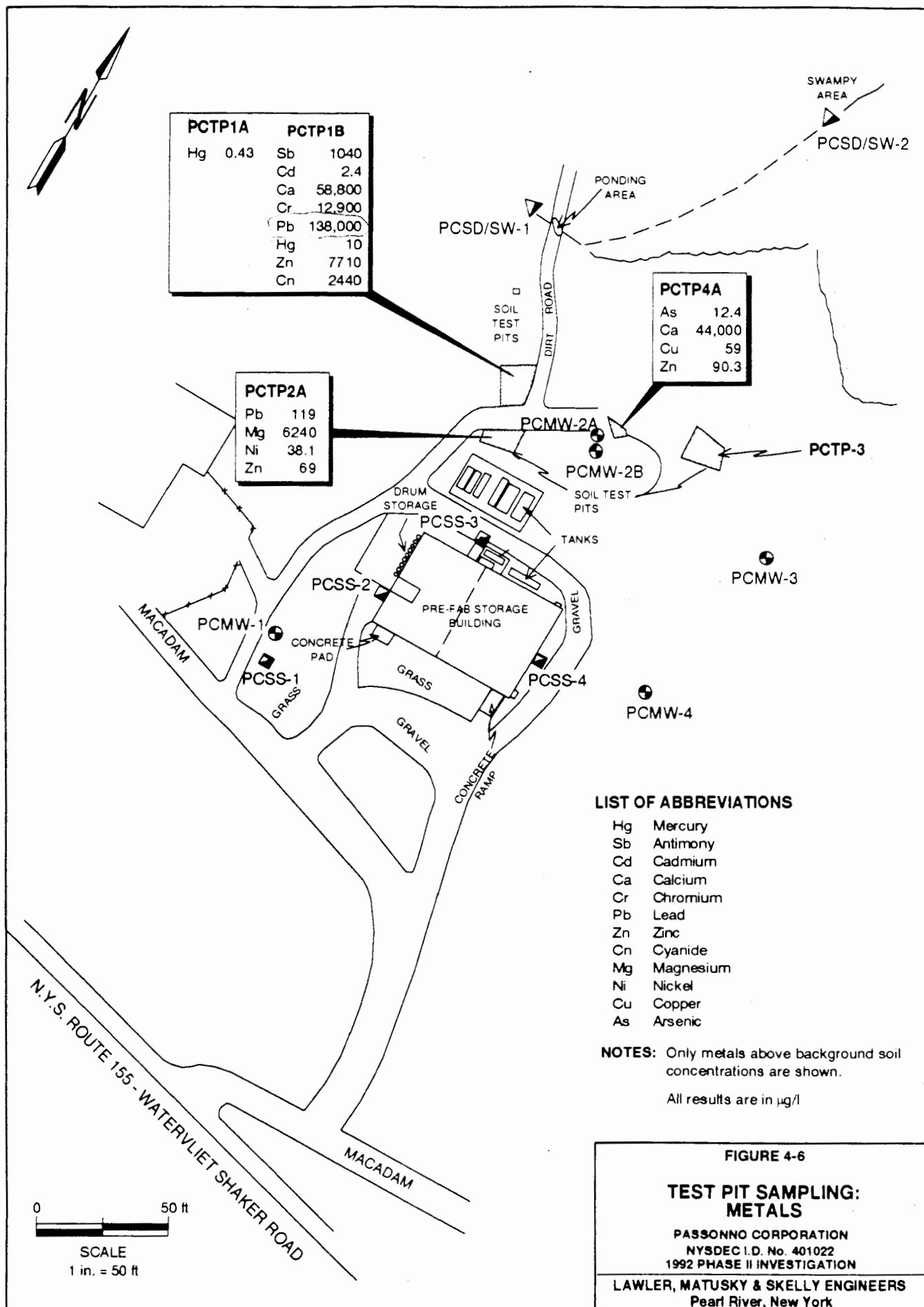


TABLE 4-3 (Page 1 of 8)

GROUNDWATER SAMPLE DATA SUMMARY (August 1992)

Passonno Corp. NYSDEC I.D. No. 401022

PARAMETER	PCMW-1	PCMW-2A	PCMW-2B	PCMW-3	MS	MSD	NYSDEC CLASS GA STANDARDS
VOLATILE ORGANICS (µg/l)							
Methylene chloride	ND	ND	ND	1 b j	1 b j	1 b j	5.0
Acetone	ND	1 b j	10	6 b j	5 b j	6 b j	NS
Carbon disulfide	ND	5 b j	9 j	ND	ND	ND	NS
Tetrachloroethylene	ND	1 b j	ND	ND	ND	ND	5.0
Tentatively Identified Compounds							
Unknown trimethylcyclopentat	ND	ND	8 j	ND	NR	NR	50.0 GV
Unknown dimethylcyclohexane	ND	ND	123 (3) j	ND	NR	NR	50.0 GV
Unknown cycloalkane	ND	ND	30 (2) j	ND	NR	NR	50.0 GV
Pentalene, octahydro-	ND	ND	9 j	ND	NR	NR	50.0 GV
Unknown aliphatic hydrocarbo	ND	ND	6 j	ND	NR	NR	50.0 GV
Unknown hydrocarbon	ND	ND	7 j	ND	NR	NR	50.0 GV
Unknown C3-alkylbenzene	ND	ND	10 j	ND	NR	NR	50.0 GV

() - Number of compounds in total.

b - Found in associated blanks

j - Estimated concentration; compound present below quantitation limit.

GV - Guidance value.

MS - Matrix spike.

ND - Not detected at analytical detection limit (Ref. 18).

NR - Not run.

NS - No standard

MSD - Matrix spike duplicate.

TABLE 4-3 (Page 2 of 8)

GROUNDWATER SAMPLE DATA SUMMARY (August 1992)
 Passonno Corp. NYSDEC I.D. No. 401022

PARAMETER	PCMW-4	[Blind dup of PCMW-4] PCMW-4B	FIELD BLANK (9/10/92)	TRIP BLANK (9/10/92)	NYSDEC CLASS GA STANDARDS
VOLATILE ORGANICS (µg/l)					
Carbon disulfide	2 j	4 j	ND	ND	NS
Tentatively Identified Compounds	ND	ND	ND	ND	-

j - Estimated concentration; compound present below quantitation limit.

ND - Not detected at analytical detection limit (Ref. 18).

NS - No standard.

TABLE 4-3 (Page 3 of 8)

GROUNDWATER SAMPLE DATA SUMMARY (August 1992)
 Passonno Corp. NYSDEC I.D. No. 401022

PARAMETER	PCMW-1	PCMW-2A	PCMW-2B	PCMW-3	MS	MSD	NYSDEC CLASS GA STANDARDS
SEMIVOLATILE ORGANICS (µg/l)							
bis(2-ethoxy)phthalate	9 b j	ND	ND	ND	ND	ND	0.002
Tentatively I.D.identified Compounds							
2-Pyrrolidinone, 1-methyl-	ND						
Hexadecane	5 j	ND	ND	ND	NR	NR	50.0 GV
Heptadecane	4 j	ND	ND	ND	NR	NR	50.0 GV
Pentadecane	12 j	ND	ND	4 j	NR	NR	50.0 GV
Octadecane	3 j	ND	ND	ND	NR	NR	50.0 GV
Hexadecane, 2, 6, 10, 14,-tet	13 j	ND	ND	6 j	NR	NR	50.0 GV
Nonadecane	3 j	ND	ND	ND	NR	NR	50.0 GV
Hexadecanoic Acl.D.	11 j	ND	ND	5 j	NR	NR	50.0 GV
Eicosane	2 j	ND	ND	ND	NR	NR	50.0 GV
Unknown Alcohol	6 j	ND	ND	3 j	NR	NR	50.0 GV
Unknown	ND	ND	ND	ND	NR	NR	50.0 GV
Unknown aliphatic	5 (2) b j	32 (4) b j	20 (2) b j	NR	NR	NR	50.0 GV
Unknown aliphatic esters	17 b j	78 (3) b j	9 b j	NR	NR	NR	50.0 GV
Cyclohexane, cyclopropyl-	ND	ND	16 j	NR	NR	NR	50.0 GV
Unknown dimethylcyclohexan	ND	3 j	ND	NR	NR	NR	50.0 GV
Tricyclo[3.3.1.1 ^{3,7}]decane	ND	4 j	ND	NR	NR	NR	50.0 GV
Benzothiazole	ND	2 j	ND	NR	NR	NR	50.0 GV
	ND	3 j	ND	NR	NR	NR	50.0 GV
PESTICIDES/PCBs (µg/l)							
4,4'-DDE	ND	ND	ND	ND	0.11 z	0.16 z	-

() - Number of compounds in total.

b - Found in associated blanks.

j - Estimated concentration; compound present below quantitation limit.

z - Suspected breakdown product of a matrix spike analyte (endrin or 4,4' DDT); compound also detected in matrix spike blank.

GV - Guidance value.

MS - Matrix spike.

ND - Not detected at analytical detection limit (Ref. 18).

NR - Not run.

MSD - Matrix spike duplicate.

TABLE 4-3 (Page 4 of 8)

GROUNDWATER SAMPLE DATA SUMMARY (August 1992)

Passonno Corp. NYSDEC I.D. No. 401022

PARAMETER	PCMW-4	[8th dup of PCMW-4] PCMW-4B	FIELD BLANK (9/10/92)	TRIP BLANK (9/10/92)	NYSDEC CLASS GA STANDARDS
SEMIVOLATILE ORGANICS (µg/l)	ND	ND	ND	ND	-
Tentatively Identified Compounds					
Unknown	44 (3) b j	37 (3) b j	40 b j	ND	50.0 GV
Unknown aliphatic	8 b j	3 b j	13 b j	ND	50.0 GV
PESTICIDES/PCBs (µg/l)	ND	ND	ND	ND	-

() - Number of compounds in total.

b - Found in associated blanks.

j - Estimated concentration; compound present below quantitation limit.

GV - Guidance value.

ND - Not detected at analytical detection limit (Ref. 18).

TABLE 4-3 (Page 5 of 8)

GROUNDWATER SAMPLE DATA SUMMARY (August 1992)

Passonno Corp. NYSDEC I.D. No. 401022

PARAMETER	PCMW-1	FILTRATE PCMW-1	PCMW-2A	PCMW-2B	FILTRATE PCMW-2B	NYSDEC CLASS GA STANDARDS	NATURAL GW AMBIENT RANGES (n)
TAL METALS (µg/l)							
Aluminum	25,400 E	ND E	4,390 E	59,700 E	ND E	NS	<5.0 - 1,000
Antimony	ND	ND	25.2 B	ND	ND	3.0 GV	-
Arsenic	4.5 B N	ND N	ND N	5.7 B N	4.9 B N	25	<1.0 - 30
Barium	353	101 B	9,140	739	162 B	1,000	10 - 500
Beryllium	1.4 B	ND	ND	3.2 B	ND	3.0 GV	<10
Cadmium	ND	ND	ND	ND	ND	10	<1.0
Calcium	169,000	159,000	64,700	119,000	111,000	NS	1,000 - 150,000
Chromium	35	ND	4.8 B	17.2	4.6 B	50	<1.0 - 5.0
Cobalt	25.5 B	ND	8.6 B	49.5 B	ND	NS	<10
Copper	55.5	2.4 B	10.8 B	108	ND	200	<1.0 - 30
Iron	45,300 E	35.2 B E	77,300 E	86,300 E	536 E	300 (m)	10 - 10,000
Lead	25.3	ND	2.5 B W	75.3	0.78 B	25	<15
Magnesium	93,300	81,300	23,400	55,200	38,000	35,000 GV	1,000 - 50,000
Manganese	2,230	796	309	17,700	14,200	300 (m)	<1.0 - 1,000
Mercury	0.10 B	ND	ND	0.21	ND	2.0	<1.0
Nickel	48.6	ND	5.2 B	95.9	ND	NS	<10 - 50
Potassium	10,400	8,930	10,700	23,700	13,900	NS	1,000 - 10,000
Selenium	ND N	ND N	ND N	ND N	ND W N	10	<1.0 - 10
Silver	ND	ND	ND	ND	ND	50	<5.0
Sodium	130,000	127,000	95,600	34,500	33,700	20,000	500 - 120,000
Thallium	ND	ND	ND	ND	ND	4.0 GV	-
Vanadium	43.5 B	ND	7.4 B	94.6	ND	NS	<1.0 - 10
Zinc	169 E	24.1 E	32.6 E	237 E	6.0 B E	300	<10 - 2,000
Cyanide	ND	NR	ND	ND	NR	100	-

(m) - Iron and manganese not to exceed 500 µg/l.

(n) - Ref. 20.

B - Value is less than the contract-required detection limit but greater than the instrument detection limit.

E - Value estimated due to interference.

N - Spiked sample recovery is not within control limits.

W - Post-digestion spike out of control limits; sample absorbance is less than 50% of spike absorbance.

GV - Guidance value.

ND - Not detected at analytical detection limit (Ref. 18).

NR - Not run.

NS - No standard.

TABLE 4-3 (Page 6 of 8)

GROUNDWATER SAMPLE DATA SUMMARY (August 1992)

Passonno Corp. NYSDEC I.D. No. 401022

PARAMETER	PCMW-3	DUP PCMW-3	FILTRATE PCMW-3	DUP FILTRATE	NYSDEC CLASS GA STANDARDS	NATURAL GW AMBIENT RANGES (n)
TAL METALS (µg/l)						
Aluminum	23,800 E	26,900	ND E	ND	NS	<5.0 - 1,000
Antimony	ND	38.7 B	ND	ND	3.0 GV	
Arsenic	3.0 B N ¹	ND ¹	ND N	ND	25	<1.0 - 30
Barium	344	360	80.2 B	80.7 B	1,000	10 - 500
Beryllium	1.3 B	1.3 B	ND	ND	3.0 GV	<10
Cadmium	ND	ND	ND	ND	10	<1.0
Calcium	84,200	84,700	80,300	80,300	NS	1,000 - 150,000
Chromium	28.4	31.0	ND	ND	50	<1.0 - 5.0
Cobalt	16.9 B	15.9 B	ND	ND	NS	<10
Copper	38.7	41.4	ND	2.09 B	200	<1.0 - 30
Iron	32,300 E	36,600	51.4 B E	23.9 B	300 (m)	10 - 10,000
Lead	15.3	16.3	0.66 B	ND	25	<15
Magnesium	29,000	30,000	21,400	21,400	35,000 GV	1,000 - 50,000
Manganese	687	707	158	157	300 (m)	<1.0 - 1,000
Mercury	0.05 B	ND	ND	ND	2.0	<1.0
Nickel	37.9 B	42.4	ND	ND	NS	<10 - 50
Potassium	11,300	13,300	8,950	9,070	NS	1,000 - 10,000
Selenium	ND N ¹	ND ¹	ND N	ND	10	<1.0 - 10
Silver	ND	ND	ND	ND	50	<5.0
Sodium	21,100	21,000	18,700	18,500	20,000	500 - 120,000
Thallium	ND	ND	ND	ND	4.0 GV	
Vanadium	38.5 B	42.9 B	ND	ND	NS	<1.0 - 10
Zinc	140 E	145	41.0 E	41.1	300	<10 - 2,000
Cyanide	ND	ND	NR	NR	100	

(m) - Iron and manganese not to exceed 500 µg/l.

(n) - Ref. 20.

1 - Concentration estimated due to poor spike recoveries, possibly biased low; see Appendix B (Ref. 18).

B - Value is less than the contract-required detection limit but greater than the instrument detection limit.

E - Value estimated due to interference.

N - Spiked sample recovery is not within control limits.

ND - Not detected at analytical detection limit (Ref. 18).

NS - No standard.

NR - Not run.

GV - Guidance value.

DUP - Duplicate sample analysis.

TABLE 4-3 (Page 7 of 8)

GROUNDWATER SAMPLE DATA SUMMARY (August 1992)

Passonno Corp. NYSDEC I.D. No. 401022

PARAMETER	[Blind dup of PCMW-4]				FIELD BLANK	NYSDEC CLASS GA STANDARDS	NATURAL GW AMBIENT RANGES (n)
	PCMW-4	PCMW-4	PCMW-4B	FILTRATE			
TAL METALS (µg/l)							
Aluminum	7,220 E	NDE	7,820 E	NDE	NDE	NS	<5.0 - 1,000
Antimony	ND	ND	ND	ND	ND	3.0 GV	-
Arsenic	2.8 B N*	ND N	4.2 B N*	ND N	ND W N*	25	<1.0 - 30
Barium	771	575	675	571	ND	1,000	10 - 500
Beryllium	ND	ND	ND	ND	ND	3.0 GV	<10
Cadmium	ND	ND	ND	ND	ND	10	<1.0
Calcium	105,000	103,000	106,000	103,000	ND	NS	1,000 - 150,000
Chromium	12.2	3.7 B	12.2	5.0 B	ND	50	<1.0 - 5.0
Cobalt	9.4 B	6.6 B	11.3 B	5.5 B	ND	NS	<10
Copper	15.2 B	ND	16.8 B	2.4 B	ND	200	<1.0 - 30
Iron	11,200 E	NDE	12,200 E	NDE	38.3 B E	300 (m)	10 - 10,000
Lead	6.9	1.0 B	8.0	1.1 B	0.68 B	25	<15
Magnesium	46,100	43,500	47,000	43,300	ND	35,000 GV	1,000 - 50,000
Manganese	10,600	10,400	10,900	10,500	ND	300 (m)	<1.0 - 1,000
Mercury	ND	ND	ND	ND	ND	2.0	<1.0
Nickel	16.3 B	3.7 B	14.9 B	3.8 B	ND	NS	<10 - 50
Potassium	15,100	15,200	16,600	15,300	5.410	NS	1,000 - 10,000
Selenium	ND W N*	ND N	ND W N*	ND N	ND N*	10	<1.0 - 10
Silver	ND	ND	ND	ND	ND	50	<5.0
Sodium	70,900	70,000	71,100	69,500	ND	20,000	500 - 120,000
Thallium	ND	ND	ND	ND	ND	4.0 GV	-
Vanadium	11.2 B	ND	10.2 B	ND	ND	NS	<1.0 - 10
Zinc	55.9 E	22.1 E	55.0 E	21.8 E	3.1 B E	300	<10 - 2,000
Cyanide	ND	NR	ND	NR	ND	100	-

(m) - Iron and manganese not to exceed 500 µg/l.

(n) - Ref. 20.

1 - Concentration estimated due to poor spike recoveries, possibly biased low (Ref. 17).

B - Value is less than the contract-required detection limit but greater than the instrument detection limit.

E - Value estimated due to interference.

N - Spiked sample recovery is not within control limits.

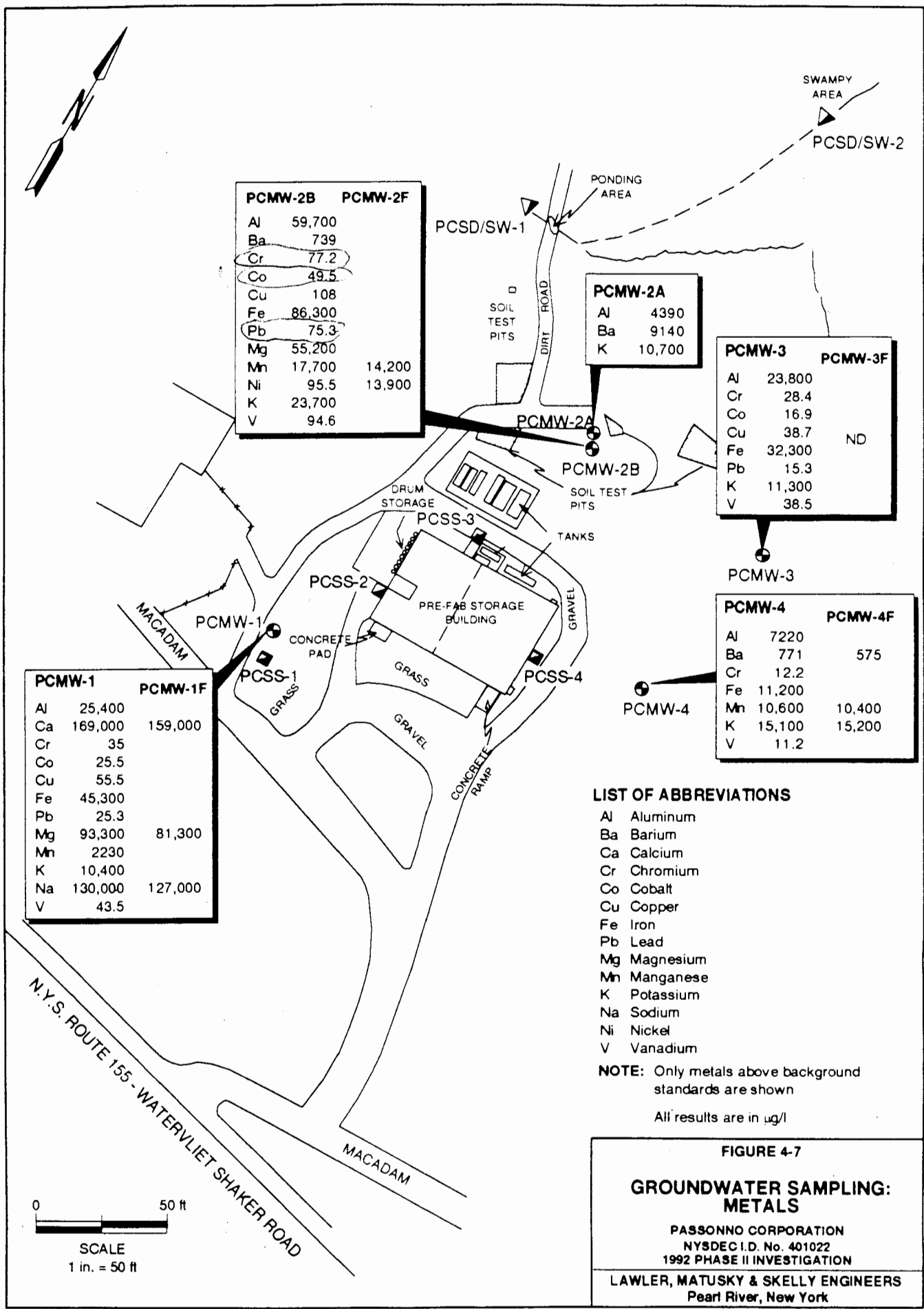
W - Post-digestion spike out of control limits; sample absorbance is less than 50% of spike absorbance.

GV - Guidance value.

ND - Not detected at analytical detection limit (Ref. 18)

NR - Not run.

NS - No standard.



PCMW-2B		PCMW-2F	
Al	59,700		
Ba	739		
Cr	77.2		
Co	49.5		
Cu	108		
Fe	86,300		
Pb	75.3		
Mg	55,200		
Mn	17,700	14,200	
Ni	95.5	13,900	
K	23,700		
V	94.6		

PCMW-2A	
Al	4390
Ba	9140
K	10,700

PCMW-3		PCMW-3F	
Al	23,800		
Cr	28.4		
Co	16.9		
Cu	38.7		
Fe	32,300		ND
Pb	15.3		
K	11,300		
V	38.5		

PCMW-1		PCMW-1F	
Al	25,400		
Ca	169,000	159,000	
Cr	35		
Co	25.5		
Cu	55.5		
Fe	45,300		
Pb	25.3		
Mg	93,300	81,300	
Mn	2230		
K	10,400		
Na	130,000	127,000	
V	43.5		

PCMW-4		PCMW-4F	
Al	7220		
Ba	771	575	
Cr	12.2		
Fe	11,200		
Mn	10,600	10,400	
K	15,100	15,200	
V	11.2		

LIST OF ABBREVIATIONS

- Al Aluminum
- Ba Barium
- Ca Calcium
- Cr Chromium
- Co Cobalt
- Cu Copper
- Fe Iron
- Pb Lead
- Mg Magnesium
- Mn Manganese
- K Potassium
- Na Sodium
- Ni Nickel
- V Vanadium

NOTE: Only metals above background standards are shown

All results are in ug/l

FIGURE 4-7

GROUNDWATER SAMPLING: METALS

PASSONNO CORPORATION
NYSDEC I.D. No. 401022
1992 PHASE II INVESTIGATION

LAWLER, MATUSKY & SKELLY ENGINEERS
Pearl River, New York

TABLE 4-4 (Page 1 of 4)

SURFACE SOIL SAMPLE DATA SUMMARY (AUGUST 1992)

Passonno Corp. NYSDEC I.D. No. 401022

PARAMETER	PCSS-1	PCSS-2	PCSS-3	RE	PCSS-4	NYSDEC RECOMMENDED SOIL CLEANUP OBJECTIVES
				PCSS-3		
VOLATILE ORGANICS (mg/kg)						
Acetone	ND	ND	ND	ND	0.004 j b	0.20
Xylene (total)	ND	0.03	0.016 *	NU	ND	1.20
Tentitively Identified Compounds						
Unknown cycloalkane	ND	0.144 (2) j	0.031 j	0.026 j	ND	NA
Unknown alkane	ND	0.564 (3) j	ND	ND	ND	NA
Unknown C4-cyclohexan	ND	0.380 j	0.028 j	0.032 j	ND	NA
Unknown hydrocarbon	ND	0.810 (3) j	0.063 (3) j	0.052 (3) j	ND	NA
Unknown	ND	0.210 j	0.024 j	0.029 (2) j	ND	NA
Unknown dimethylcycloh	ND	ND	0.047 (2) j	0.036 (2) j	ND	NA
Unknown trimethylcycloh	ND	ND	0.017 j	0.016 j	ND	NA
Unknown C3-alkylbenzen	ND	ND	0.018 j	ND	ND	NA

- * - Estimated concentration due to depressed internal standard recovery; possibly biased low.
 () - Number of compounds in total.
 b - Found in associated blanks.
 j - Estimated concentration; compound present below quantitation limit.
 NA - Not applicable.
 ND - Not detected at analytical detection limit (Ref. 18).
 NU - The data were not supported by the required raw data and therefore are not usable (Ref. 17).
 RE - Reextracted analysis.

TABLE 4-4 (Page 2 of 4)

SURFACE SOIL SAMPLE DATA SUMMARY (AUGUST 1992)

Passonno Corp. NYSDEC I.D. No. 401022

PARAMETER	PCSS-1	PCSS-2	PCSS-3	PCSS-4	NYSDEC
					RECOMMENDED SOIL CLEANUP OBJECTIVES (b)
SEMIVOLATILE ORGANICS (mg/kg)					
Acenaphthene	ND	ND	0.061 j	ND	50
Dibenzofuran	ND	ND	0.032 j	ND	8.2
Fluorene	ND	ND	0.050 j	ND	50
Phenanthrene	0.046 j	ND	0.42	0.220 j	50
Anthracene	ND	ND	0.066 j	0.046 j	50
Fluoranthene	0.140 j	ND	0.95	1.90	50
Pyrene	0.110 j	ND	0.92	1.80	50
Benzo(a)anthracene	0.067 j	ND	0.54	1.20	0.22
Chrysene	0.080 j	ND	0.290 j	0.59	0.4
bis(2-Ethylhexyl)phthalate	ND	ND	0.230 j	0.077 j	50
Benzo(b)fluoranthene	0.096 j	ND	1.0	1.90	1.1
Benzo(k)fluoranthene	0.042 j	ND	0.42	1.00	1.1
Benzo(a)pyrene	ND	ND	0.42	1.10	0.081
Indeno(1,2,3-c,d)pyrene	ND	ND	0.160 j	0.51	3.2
Dibenzo(a,h)anthracene	ND	ND	ND	0.22 j	0.014
Benzo(g,h,i)perylene	ND	ND	ND	0.27 j	50
Naphthalene	ND	ND	0.032 j	ND	13.0
Tentitively Identified Compounds					
Unknown	1 087 (7) b j	ND	9.98 (8) j	10.2 (7) j	NA
3-Penten-2-one, 4-methyl-	ND	ND	ND	ND	NA
2-Pentanone, 4-hydroxy-4-met	4.4 a b j	ND	ND	ND	NA
Unknown aliphatic ketone	ND	ND	0.22 j	ND	NA
Hexadecanoic acid	0.085 j	ND	0.6 j	ND	NA
Pentacosane	ND	ND	ND	ND	NA
Heptacosane	0.15 j	ND	ND	ND	NA
Unknown decanedioate	ND	ND	ND	ND	NA
Unknown aliphatic aldehyde	0.26 j	ND	ND	ND	NA
Nonacosane	0.84 j	ND	0.70 j	ND	NA
Unknown C31-alkane	1.0 j	ND	0.32 j	ND	NA
Unknown aliphatic	4.7 j	7.8 (3) j	0.16 j	ND	NA
Triacontane	ND	ND	ND	ND	NA
Benzo[e]pyrene	0.93 j	ND	0.65 j	2.1 j	NA
Furan, 2,3-dihydro-4-methyl-	0.15 b j	ND	ND	ND	NA
Decane	ND	1.8 j	ND	0.57 j	NA
Unknown alkane	ND	19.6 (8) j	ND	0.89 (2) j	NA
Unknown aliphatic alcohol	ND	1.4 j	0.13 j	ND	NA
Unknown C10H18-hydrocarbon	ND	1.4 j	ND	ND	NA
Undecane	ND	5.5 j	ND	1.5 j	NA
Unknown C8-alkylphenol	ND	2.4 j	ND	ND	NA
Unknown C9-alkylphenol	ND	8.8 (4) j	ND	ND	NA
11H-benzo[a]fluorene	ND	ND	0.16 j	ND	NA
Unknown polyterpene derivati	ND	ND	1.99 (3) j	3.27 (4) j	NA
Unknown polycyclic hydrocarb	ND	ND	0.47 j	1.49 (2) j	NA
Dodecane	ND	ND	ND	0.66 j	NA
Perylene	ND	ND	ND	0.83 j	NA
PESTICIDES/PCBs (mg/kg)	ND	ND	ND	ND	-

() - Number of compounds in total.

(b) - NYSDEC Division of Hazardous Waste Remediation Memorandum (HWR-92-4046)
16 November 1992, Determination of Soil Cleanup Objectives and Cleanup Levels.

a - Suspected aldol condensation product.

b - Found in associated blanks.

j - Estimated concentration; compound present below quantitation limit.

NA - Not applicable.

ND - Not detected at analytical detection limit (Ref. 18)

TABLE 4-4 (Page 3 of 4)

SURFACE SOIL SAMPLE DATA SUMMARY (AUGUST 1992)

Passonno Corp. NYSDEC I.D. No. 401022

PARAMETER	PCSS-1	PCSS-2	PCSS-3	PCSS-4	EASTERN U.S. BACKGROUND SOIL CONCENTRATIONS (b)
TAL METALS (mg/kg)					
Aluminum	19,100	10,300	14,900	10,500	33,000
Antimony	ND	ND	ND	ND	N/A
Arsenic	6.8	5.4	16.5	6.1	3.0 - 12.0 æ
Barium	130	52.6	159	48.5	15 - 800
Beryllium	1.2	0.54 B	0.82	0.58 B	0 - 1.75
Cadmium	ND	0.40 B	0.73 B	ND	0.1 - 1.0
Calcium	4,010	38,400	6,660	19,700	130 - 35,000 æ
Chromium	26.9	17.4	28.6	17.8	1.5 - 40.0 æ
Cobalt	16.5	12.0	15.2	11.1	2.5 - 60.0 æ
Copper	28.8	33.6	50.4	34.3	1.0 - 50.0
Iron	37,400	27,000	32,600	27,300	2,000 - 550,000
Lead	307	22.9	69.1	14.2	4.0 - 61
Magnesium	6,990	15,100	6,620	8,820	100 - 5,000
Manganese	1,170	1,040	792	588	50 - 5,000
Mercury	0.06 B	0.04 B	0.20	0.13	0.001 - 0.2
Nickel	34.0	26.0	38.3	27.5	0.5 - 25
Potassium	1,670	1,000	1,430	1,200	8,500 - 43,000 æ
Selenium	ND	ND W	0.24 B W	ND W	0.1 - 3.9
Silver	ND	ND	ND	ND	N/A
Sodium	121 B	67.3 B	ND	132 B	8,000 - 8,000
Thallium	ND	ND	ND	ND	N/A
Vanadium	32.8	19.2	28.1	20.3	1.0 - 300
Zinc	77.1 E	87.3 E	408 E	105 E	9.0 - 50
Cyanide	ND	ND	ND	ND	N/A

- (b) - NYSDEC Division of Hazardous Waste Remediation Memorandum (HWR-92-4046)
16 November 1992, Determination of Soil Cleanup Objectives and Cleanup Levels.
- æ - New York State background concentration.
- B - Value is less than the contract-required detection limit but greater than the instrument detection limit.
greater than the instrument detection limit.
- E - Value estimated due to interference.
- W - Post-digestion spike out of control limits; sample absorbance is less than 50% of spike absorbance.
- N/A - Not available.
- ND - Not detected at analytical detection limit (Ref. 18).

TABLE 4-4 (Page 4 of 4)

SURFACE SOIL/SAMPLE DATA SUMMARY (AUGUST 1992)

Passonno Corp. NYSDEC I.D. No. 401022

PARAMETER	PCSS-1	PCSS-2	PCSS-3	PCSS-4	NYSDEC EP TOX STANDARDS
EP TOX METALS (mg/l)					
Arsenic	<1	<1	<1	<1	5.0
Barium	<10	<10	<10	<10	100
Cadmium	<0.1	<0.1	<0.1	<0.1	1.0
Chromium	<1	<1	<1	<1	5.0
Lead	<1	<1	<1	<1	5.0
Mercury	<0.04	<0.04	<0.04	<0.04	0.2
Selenium	<0.1	<0.1	<0.1	<0.1	1.0
Silver	<1	<1	<1	<1	5.0
TOTAL SOLIDS (%w/w)	85.5	92.2	91.3	95.8	-

TABLE 4-5 (Page 1 of 3)

SEDIMENT SAMPLE DATA SUMMARY (AUGUST 1992)

Passonno Corp. NYSDEC I.D. No. 401022

PARAMETER	PCSD-1	PCSD-2
VOLATILE ORGANICS (mg/kg)		
Acetone	ND	0.026 b
Tentatively Identified Compounds	ND	ND
SEMIVOLATILE ORGANICS (mg/kg)		
Phenanthrene	ND	0.22 j
Fluoranthene	ND	0.27 j
Pyrene	0.024 j	0.16 j
Benzo(a)anthracene	ND	0.095 j
Chrysene	ND	0.10 j
Benzo(b)fluoranthene	ND	0.12 j
Benzo(k)fluoranthene	ND	0.083 j
Benzo(a)pyrene	ND	0.072 j
Tentatively Identified Compounds		
Unknown	5.093 (10) b j	5.33 (10) b j
3-Penten-2-one, 4-methyl-	0.120 a b j	ND
2-Pentanone, 4-hydroxy-4-met	6.0 a b j	6.2 a b j
Unknown aliphatic ketone	0.2 j	0.19 j
Hexadecanoic acid	0.098 j	0.14 j
Pentacosane	0.12 j	0.13 j
Heptacosane	0.46 j	0.38 j
Unknown decanedioate	0.27 b j	ND
Unknown aliphatic aldehyde	0.35 j	ND
Nonacosane	1.7 j	2.4 j
Unknown C31-alkane	0.66 j	1.3 j
Unknown aliphatic	ND	0.39 j
Triacontane	ND	0.13 j
Benzo(e)pyrene	ND	0.12 j
PESTICIDES/PCBs (mg/kg)	ND	ND

() - Number of compounds in total.

a - Suspected aldol condensation product.

b - Found in associated blanks.

j - Estimated concentration, compound present below quantitation limit.

ND - Not detected at analytical detection limit (Ref. 18).

TABLE 4-5 (Page 2 of 3)

SEDIMENT SAMPLE DATA SUMMARY (AUGUST 1992)

Passonno Corp. NYSDEC I.D. No. 401022

PARAMETER	PCSD-1	PCSD-2
TAL METALS (mg/kg)		
Aluminum	9,730	13,100
Antimony	ND	ND
Arsenic	8.1	6.5
Barium	82.7	126
Beryllium	0.76	0.84
Cadmium	ND	ND
Calcium	3,250	5,830
Chromium	17.0	26.6
Cobalt	14.6	14.4
Copper	28.3	28.0
Iron	31,800	28,500
Lead	30.1	42.6
Magnesium	4,920	5,580
Manganese	1,720	1,660
Mercury	0.03 B	0.06 B
Nickel	26.4	33.5
Potassium	825	1,500
Selenium	ND	ND
Silver	ND	ND
Sodium	74.2 B	130 B
Thallium	ND	ND
Vanadium	19.3	25.1
Zinc	54.4 E	82.2 E
Cyanide	ND	ND

- B - Value is less than the contract-required detection limit but greater than the instrument detection limit.
 E - Value estimated due to interference.
 ND - Not detected at analytical detection limit (Ref. 18).

TABLE 4-5 (Page 3 of 3)

SEDIMENT SAMPLE DATA SUMMARY (AUGUST 1992)

Passonno Corp. NYSDEC I.D.No. 401022

PARAMETER	PCSD-1	PCSD-2	NYSDEC EP TOX STANDARDS
EP TOX METALS (mg/kl)			
Arsenic	<1	<1	5.0
Barium	<10	<10	100
Cadmium	<0.1	<0.1	1.0
Chromium	<1	<1	5.0
Lead	<1	<1	5.0
Mercury	<0.04	<0.04	0.2
Selenium	<0.1	<0.1	1.0
Silver	<1	<1	5.0
TOTAL SOLIDS (% w/w)	77.7	57.7	-

TABLE 4-6 (Page 1 of 3)

SURFACE WATER SAMPLE DATA SUMMARY (AUGUST 1992)
Passonno Corp. NYSDEC I.D. No. 401022

PARAMETER	PCSW -1	PCSW-2	NYSDEC CLASS D STANDARDS
VOLATILE ORGANICS (µg/l)	ND	ND	-
Tentatively Identified Compounds	ND	ND	-
SEMIVOLATILE ORGANICS (µg/l)			
bis(2-Ethylhexyl)phthalate	2 b j	3 b j	NS
Tentatively Identified Compounds			
Unknown	16 b j	16 (3) b j	NS
Unknown aliphatic	194 (9) b j	161 (5) b j	NS
Unknown aliphatic amide	2 b j	5 (2) b j	NS
Unknown aliphatic alcohol	5 b j	4 b j	NS
Dodecanoic acid	3 b j	3 b j	NS
PESTICIDES/PCBs (µg/l)	ND	ND	-

- () - Number of compounds in total.
b - Found in associated blanks.
j - Estimated concentration; compound present below quantitation limit.
ND - Not detected at analytical detection limit (Ref. 18).
NS - No standard.

TABLE 4-6 (Page 2 of 3)

SURFACE WATER SAMPLE DATA SUMMARY (AUGUST 1992)
Passonno Corp. NYSDEC I.D. No. 401022

PARAMETER	PCSW -1	PCSW-2	NYSDEC CLASS D STANDARDS (h)
TAL METALS (µg/l)			
Aluminum	1,570 E	1,260 E	NS
Antimony	ND	ND	NS
Arsenic	ND N	ND N	360 d
Barium	59.5 B	56.4 B	NS
Beryllium	ND	ND	NS
Cadmium	ND	ND	7.0
Calcium	82,300	85,300	NS
Chromium	2.8 B	5.5 B	4,500
Cobalt	ND	5.4 B	110 GV
Copper	4.2 B	5.9 B	53
Iron	2,080 E	1,740 E	300
Lead	1.3 B W	1.1 B	360
Magnesium	27,400	28,400	NS
Manganese	334	208	NS
Mercury	ND	ND	0.2 GV
Nickel	4.6 B	4.3 B	4,465
Potassium	7,650	7,920	NS
Selenium	ND W N	ND N	NS
Silver	ND	ND	30
Sodium	42,100	43,200	NS
Thallium	ND	ND	20
Vanadium	ND	5.0 B	190
Zinc	10.2 B E	8.0 B E	844
Cyanide	ND	ND	22 (f)

- d - Dissolved form.
(f) - Free cyanide, sum of HCN + CN⁻.
(h) - Hardness: 320 mg equivalent CaCO₃/l.
B - Value less than contract-required detection limit but greater than instrument detection limit.
E - Value estimated due to interference.
N - Spiked sample recovery not within control limits.
W - Post-digestion spike out of control limits, sample absorbance less than 50% of spike absorbance.
GV - Guidance value.
ND - Not detected at analytical detection limit (Ref. 18).
NS - No standard.

bcc: w/o Enc.
E. Barcomb
R. Marino
J. Swartwout
T. Sylvester

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

w/enc. (copy of Site Report form only)
R. Dana
A. Carlson, DOH
L. Concra
R. Ostrov, R-4
E. Hamilton, R-4
S. Hammond

MAR 30 1994

Language: Italian
Acting Commissioner

Mr. Richard Cunningham
213 Watervliet-Shaker Rd.
Watervliet, NY 12189

Dear Mr. Cunningham:

As mandated by Section 27-1305 of the Environmental Conservation Law (ECL), the New York State Department of Environmental Conservation (NYSDEC) must maintain a registry of all inactive disposal sites known to contain hazardous waste. The ECL also mandates that this Department notify the owner of all or any part of each site or area included in the Registry of Inactive Hazardous Waste Disposal Sites as to changes in site classification.

Our records indicate that you are the owner or part owner of the site listed below. therefore, this letter constitutes notification of change in the classification of such site in the Registry of Inactive Hazardous Waste Disposal Sites in New York State.

DEC Site No.: 401022
Site Name: Passano Corporation - Roof Coating Facility
Site Address: 213 Watervliet-Shaker Rd., Colonie, NY 12189

Classification Change from 2a to 3

The reason for the change is as follows:

In 1973, 3,000 gallons of lead-containing paint were dumped onto the northern and western portions of the property. The emptied drums were subsequently crushed and buried on-site. Sampling done in 1992 revealed that material contained inside the drums was still leaking to the soil. Sludge samples taken from the drums revealed extremely high levels of lead and xylene. An EP Toxicity was run on a sludge sample, showing a level of 77 mg/l for lead (well over the 5 mg/l standard). Thus, a consequential amount of hazardous waste has been disposed at this site, but there is no significant threat. Therefore, this site should be classified to a Class 3 in the NYS Registry of Inactive Hazardous Waste Sites.

Enclosed is a copy of the New York State Department of Environmental Conservation, Division of Hazardous Waste Remediation, Inactive Hazardous Waste Disposal Site Report form as it appears in the Registry and Annual Report, and an explanation of the site classifications. The Law allows the owner and/or operator of a site listed in the Registry to petition the Commissioner of the New York State Department of Environmental Conservation for deletion of such site, modification of site classification, or modification of any information regarding such site, by submitting a written statement setting forth the grounds of the petition. Such petition may be addressed to:

Langdon Marsh, Acting Commissioner
New York State Dept. of Environmental Conservation
50 Wolf Road
Albany, New York 12233-0001

For additional information, please contact me at (518) 457-0747.

Sincerely,

A handwritten signature in dark ink, appearing to read "R. L. Marino". The signature is fluid and cursive, with the first name "Robert" and last name "Marino" clearly distinguishable.

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

Encl.

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

bcc: R. Marino
J. Swartwout
D. Roosa, R-4
T. Sylvester
L. Ennist
A. Carlson

Langdon Marsh
Acting Commissioner

MAR 30 1994

THE FOLLOWING HAS BEEN SENT TO THE ATTACHED LIST

Dear Sir/Madam:

The Department of Environmental Conservation (DEC) maintains a Registry of sites where hazardous waste disposal has occurred. Property located at 213 Watervliet-Shaker Road in the Town of Colonie and County of Albany and designated as Tax Map Number 32.3-1-27 was recently reclassified as a Class 3, in the Registry. The name and site ID number of this property as listed in the Registry is Passano Corp. - Roof Coating Facility, #401022.

The Classification Code 3 means that the site does not present a significant threat to the environment or public health and action may be deferred.

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:

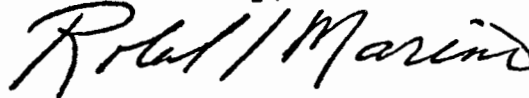
In 1973, 3,000 gallons of lead-containing paint were dumped onto the northern and western portions of the property. The emptied drums were subsequently crushed and buried on-site. Sampling done in 1992 revealed that material contained inside the drums was still leaking to the soil. Sludge samples taken from the drums revealed extremely high levels of lead and xylene. An EP Toxicity was run on a sludge

sample, showing a level of 77 mg/l for lead (well over the 5 mg/l standard). Thus, a consequential amount of hazardous waste has been disposed at this site, but there is no significant threat. Therefore, this site should be classified to a Class 3 in the NYS Registry of Inactive Hazardous Waste Sites.

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,

A handwritten signature in black ink, appearing to read "Robert L. Marino". The signature is fluid and cursive, with the first name "Robert" and last name "Marino" clearly distinguishable.

Robert L. Marino
Chief, Site Control Section
Bureau of Hazardous Site Control
Div. of Haz. Waste Remediation