734023

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

ADDITIONS/CHANGES TO REGISTRY: SUMMARY OF APPROVALS

SITE NAME: VALENTE DEC I.D. NUMBER 734023

Current Classification 2A

Activity: ☐ Add as Class ___ ☐ Reclassify to ___ ☒ Delist Category D1 ☐ Modify ___

Approvals:

Regional Hazardous Waste Engineer	Yes	X	No	☐	1/16/96
NYSDOH	Yes	☐	No	☐	
DEE	Yes	X	No	☐	1/17/96
Construction Services	Yes	☐	No	☐	N/A
BHSC: a. Investigation Section	Yes	X	No	☐	12/4/95
b. Site Control Section	[signature] FOR ALM				Date 3/29/96
c. Director	[signature]				Date 3/29/96
DHWR Assistant Director	[signature]				Date 4/8/96

Completion Checklist		Completed By: Initials	Date
OWNER NOTIFICATION LETTER?	☑		5/9/96
ADJACENT PROPERTY OWNER NOTIFICATION LETTER?	☑		5/28/96
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

SITE INVESTIGATION INFORMATION

1. SITE NAME	2. SITE NUMBER	3. TOWN/CITY/VILLAGE	4. COUNTY
VALENITE	734023	TOWN OF DEWITT	ONONDAGA

5. REGION	6. CLASSIFICATION		
7	CURRENT 2a	PROPOSED D1	MODIFY

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

a. Quadrangle SYRACUSE EAST, NY

b. Site Latitude _43_° _04_' _47_" Site Longitude _76_° _06_' _16_"

c. Tax Map Numbers 31-04-08.2

d. Site Street Address 315 WAVEL STREET, SYRACUSE

8. BRIEFLY DESCRIBE THE SITE (Attach site plan showing disposal/sampling locations)

A building historically utilized as a machine shop occupies a large portion of this one half acre site. Loading dock access directly behind the building is gravel and dirt covered. The far end of the property borders Poznan Street and is unmaintained and debris strewn. A mobile home park is just across Poznan Street and adjacent to the unmaintained portion of the site. A park resident has moved some of the debris onsite for a vegetable garden, lawn chairs and a small kiddie pool. Discovery of this site stems from employee concerns about the past machining of cobalt metal, between 1961-1981. Cobalt cuttings were recycled due to the high value of this exotic metal, but ventilation discharges and possible floor sweepings discharged out of the back loading dock explain elevated cobalt levels in various areas of the property. A PSA was completed in July 1995 and was supplemented by an inorganic analysis performed by the NYSDEC Mobile Lab for the selected metals *arsenic, chromium, cadmium, cobalt, nickel, copper, and mercury,* from a composite soil sample in the root zone of the on-site vegetable garden. On 8/16/95, representatives of the NYSDEC and NYSDOH collected a three point composite soil sample from the onsite garden which was growing tomatoes, corn, and a leafy crop. In 1982, Garey Machine Corp. resumed operations and (most recently reorganizing as JIT PRECISION) has not machined cobalt in its operation of the facility.

a. Area __0.5__ acres b. EPA ID Number __NYD980780365__

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

9. HAZARDOUS WASTE DISPOSED (Include EPA Hazardous Waste Numbers)

NONE DOCUMENTED,..., Cobalt is not a listed, nor a characteristic hazardous waste, as defined by 6NYCRR PART 371.

10. ANALYTICAL DATA AVAILABLE

a. ( )Air ( )Groundwater ( )Surface Water ( )Sediment (x)Soil ( )Waste ( )Leachate (x)EPTox ( )TCLP

b. Contravention of Standards or Guidance Values

garden soil sample (DEC lab) maximum levels detected in surface soil samples from PSA NO EPTOX FAILURES, NO VOCs, SOME PAHs SEE PACKAGE

copper at 20 ppm arsenic at 49 ppm chromium at 57.9 ppm cobalt at 6670 ppm
cobalt at 50 ppm copper at 2120 ppm mercury at .74 ppm nickel at 175 ppm zinc at 187 ppm

11. CONCLUSION

Cobalt dust and fumes are hazardous to machinists, but it is not a hazardous waste at this site. Cobalt is too valuable a metal not to recycle cuttings, and its presence at this site is from ventilation discharges and likely floor sweepings out of the rear loading dock door. The highest levels of cobalt were found at SS-1 & SS-2, located near the loading dock. Cobalt is also not a listed nor a characteristically hazardous waste, as defined by 6 NYCRR Part 371. As hazardous waste has not been documented at this site, classification to "D1" is proposed and appropriate.

12. SITE DATA

a. Nearest Surface Water: Distance __1200__ft. Direction _____EAST_____ Classification _____"C"____

b. Nearest Groundwater: Depth ____~10__ft. Flow Direction _____EAST_____ ( )Sole Source ( )Primary ( )Principal

c. Nearest Water Supply: Distance __> 3____mi. Direction ___SOUTHWEST___ Active (x)Yes ( )No

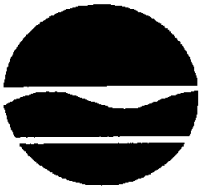
d. Nearest Building: Distance __onsite__ Direction ____onsite_____ Use ___production machine shop_____

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 ___22____		
h. Impact on special status fish or wildlife resource?	( )Y	(x)N	l. For Class 2: Priority Category _____		

13. SITE OWNER'S NAME	14. ADDRESS	15. TELEPHONE NUMBER
MICHAEL E. GAREY, JIT PRECISION MACHINING, INC.	315 WAVEL STREET, SYRACUSE NY 13206	(315) 438-8917

16. PREPARER	17. APPROVED
Carl R Hoffman DECEMBER 13, 1995	Charles M Goldsmith 4/5/96
Signature Date	Signature Date
CARL HOFFMAN, ENVIRONMENTAL ENGINEER 2, NYSDEC/DHWR/BHSC/WIS	Asst + D.C
Name, Title, Organization	Name, Title, Organization

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



Michael D. Zagata
Commissioner

Via Fax

MAR 27 1996

Dr. G. Anders Carlson
Bureau of Environmental Exposure Assessment
NYS Dept. Of Health
2 University Place
Albany, NY 12203-3313

Dear Dr. Carlson:

I have made a list of site reclassification actions that have not been acted upon by the Bureau of Environmental Exposure Assessment. This list includes the site name, site code, requested action, and the date mailed to your bureau. Since we have not had any reply to the proposed reclassifications from your bureau, we will assume that there are no objections to these proposed changes and will move forward and implement the reclassification of these sites.

Site Number	Site Name	Reclass Proposed	Date Mailed
152017	MacKenzie Chemical	2a to 3	11/6/95
709006	Old Bainbridge Village Dump	2a to D1	2/2/96
734023	Valenite	2a to D1	1/11/96
738015	Alcan Sheet and Plate	2a to 3	11/22/94
859015	Old Erie Canal	2a to 3	12/4/95

If you have any questions or problems with the proposed changes, please contact me immediately. These reclassifications will take place before 4/1/96.

Sincerely,

Earl H. Barcomb
Director
Bureau of Hazardous Site Control
Division of Hazardous Waste Remediation

bcc: E. Barcomb
R. Marino
D. Farrar

DF/srh

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION 010896
INACTIVE HAZARDOUS WASTE DISPOSAL REPORT

CLASSIFICATION CODE: ~~2~~ D1 REGION: 7 SITE CODE: 734023
EPA ID: NYD980780365

NAME OF SITE : Valenite
STREET ADDRESS: 315 Wavel Street
TOWN/CITY: COUNTY: ZIP:
East Syracuse: Dewitt (T) Onondaga 13214

SITE TYPE: Open Dump- X Structure- Lagoon- Landfill- Treatment Pond-
ESTIMATED SIZE: .5 Acres

Current owner
MICHAEL E. GARey
JIT Precision
MACHINING, INC.
315 WAVEL ST.
Syracuse NY
13206

SITE OWNER/OPERATOR INFORMATION:
CURRENT OWNER NAME....: Jacob Mafner
CURRENT OWNER ADDRESS.: Fay Rd., North Syracuse, NY
OWNER(S) DURING USE...: Jacob Hafner, Fay Rd., N. Syracuse 13212
OPERATOR DURING USE...: VALENITE
OPERATOR ADDRESS.....:
PERIOD ASSOCIATED WITH HAZARDOUS WASTE: From 1961 To 1981

SITE DESCRIPTION:
Latitude: 43 04'47"N Longitude: 76 06'16"W
Flat topography: Industrial/residential area
Nearest waterbody: Ley Creek, approximately 1200 feet east

The Valenite facility was operated from 1961 to 1981, and manufactured various carbide cutting tools. The entire facility consists of a manufacturing building on a small lot in a light industrial/commercial area. A former employee of the Company has alleged that as much as 10-20,000 lbs. of heavy metal dust was blown out of exhaust vents on the building and ended up settling over a wide area. It has also been alleged that approximately 3,000 gallons of waste oil was dumped behind the plant building.

A small trailer park is located about 300 feet behind the Valenite lot. Some of the residents have planted vegetable gardens in an area within 200 feet of the Valenite facility. The soil in one of the gardens was sampled in the early 1980s and found to have been contaminated with excessive levels of cobalt. There is also a concern that children could come in contact with the contaminated soil if they were playing in the area.

An EPA Preliminary Assessment was completed for this site in June of 1984. DEC staff sampled the site in October of 1985, and confirmed that the soil was contaminated by cobalt. A State funded Preliminary Site Assessment (PSA) was completed in May of 1991.
A PSA Report was completed in July 1995 and mobile lab analysis of soil sample collected from the onsite garden on 8/16/95 indicated Cobalt at 50 ppm,

HAZARDOUS WASTE DISPOSED:

TYPE	QUANTITY (units)
Cobalt dust	10-20,000 lbs.
Titanium dust	over a 20 year period.
Tungsten dust	
Contaminated waste oils	approx. 3,000 gallons (alleged)

Cobalt is not a hazardous waste and the PSA investigation did not document the disposal of hazardous waste at this site.

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF ENVIRONMENTAL REMEDIATION 8/9/96
INACTIVE HAZARDOUS WASTE DISPOSAL REPORT

CLASSIFICATION CODE: D1 REGION: 7 SITE CODE: 734023
EPA ID: NYD980780365

NAME OF SITE : Valenite
STREET ADDRESS: 315 Wavel Street

TOWN/CITY:	COUNTY:	ZIP:
East Syracuse: Dewitt (T)	Onondaga	13214

SITE TYPE: Open Dump- X Structure- Lagoon- Landfill- Treatment Pond-
ESTIMATED SIZE: .5 Acres

SITE OWNER/OPERATOR INFORMATION:
CURRENT OWNER NAME....: JIT Precision Machining, Inc.
CURRENT OWNER ADDRESS.: 315 Wavel St., Syracuse, NY
OWNER(S) DURING USE...: Jacob Hafner,Fay Rd.,N. Syracuse 13212
OPERATOR DURING USE...: Valenite
OPERATOR ADDRESS.....: ,
PERIOD ASSOCIATED WITH HAZARDOUS WASTE: From To

SITE DESCRIPTION:
Flat topography: Industrial/residential area
Nearest waterbody: Ley Creek, approximately 1200 feet east
The Valenite facility was operated from 1961 to 1981, and manufactured various carbide cutting tools. The entire facility consists of a manu facturing building on a small lot in a light industrial/commercial area.
A former employee of the Company has alleged that as much as 10-20,000 lbs. of heavy metal dust was blown out of exhaust vents on the building and ended up settling over a wide area. It has also been alleged that approximately 3,000 gallons of waste oil was dumped behind the plant building.
A small trailer park is located about 300 feet behind the Valenite lot. Some of the residents have planted vegetable gardens in an area within 200 feet of the Valenite facility. The soil in one of the gardens was sampled in the early 1980s and found to have been contaminated with excessive levels of cobalt. Recent sampling in 1995 has shown that cobalt levels in the garden soil are still high. There is also a concern that children could come in contact with the contaminated soil if they were playing in the area.
An EPA Preliminary Assessment was completed for this site in June of 1984. DEC staff sampled the site in October of 1985, and confirmed that the soil was contaminated by cobalt. A State funded Preliminary Site Assessment (PSA) was completed for this site in May of 1991.
The PSA Report was completed in July 1995. Analysis of soil samples collected from the on-site garden on 8/16/95 indicated cobalt at 50 ppm.
Cobalt is not a hazardous waste and the PSA investigation did not document the disposal of hazardous waste at this site.

HAZARDOUS WASTE DISPOSED:

TYPE	QUANTITY (units)

SITE CODE: 734023

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

CONTRAVENTION OF STANDARDS:
Groundwater- 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:

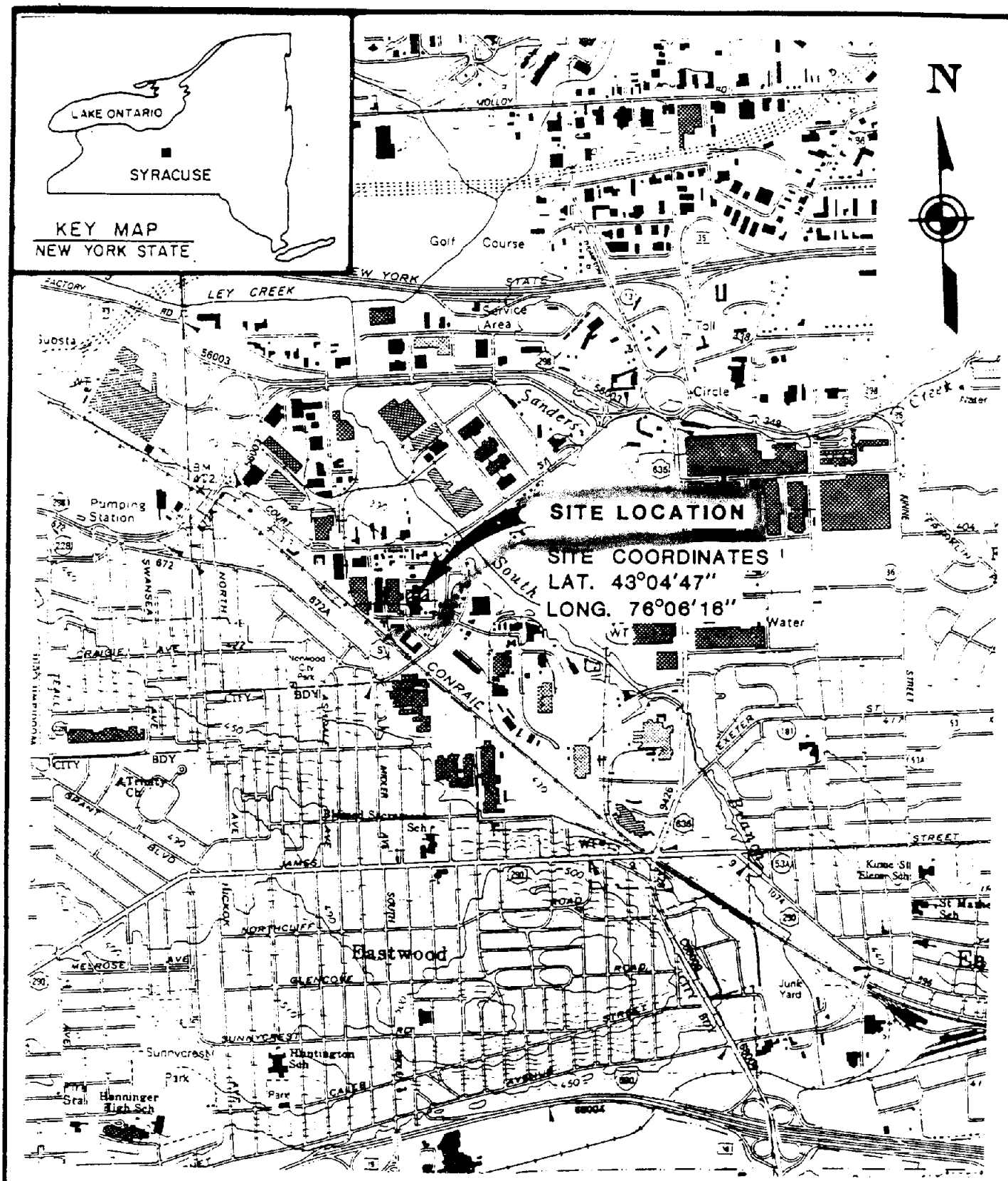
GEOTECHNICAL INFORMATION:
SOIL TYPE: Lacustrine silts, sands and clays
GROUNDWATER DEPTH: Approximately 1-3 feet

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:

The completed PSA has helped assess the extent of environmental problems at this site. Soil contamination by cobalt dust (a non-hazardous waste) has been confirmed in the vicinity of Valenite. There are no environmental problems associated with the disposal of hazardous waste at this site.

ASSESSMENT OF HEALTH PROBLEMS:

There is soil sampling data which indicates heavy metal and SVOC contamination onsite and off. There is a trailer park behind the facility and an area of vegetable gardens (reported in the 1994 PSA as abandoned) making the possibility of plant uptake a concern if gardening was active, as well as direct contact with soil by children playing in the vicinity. The area is served by a public water supply with a remote source.



SOURCE

USGS, SYRACUSE EAST, N.Y. QUADRANGLE
7.5 MINUTE SERIES, 1990

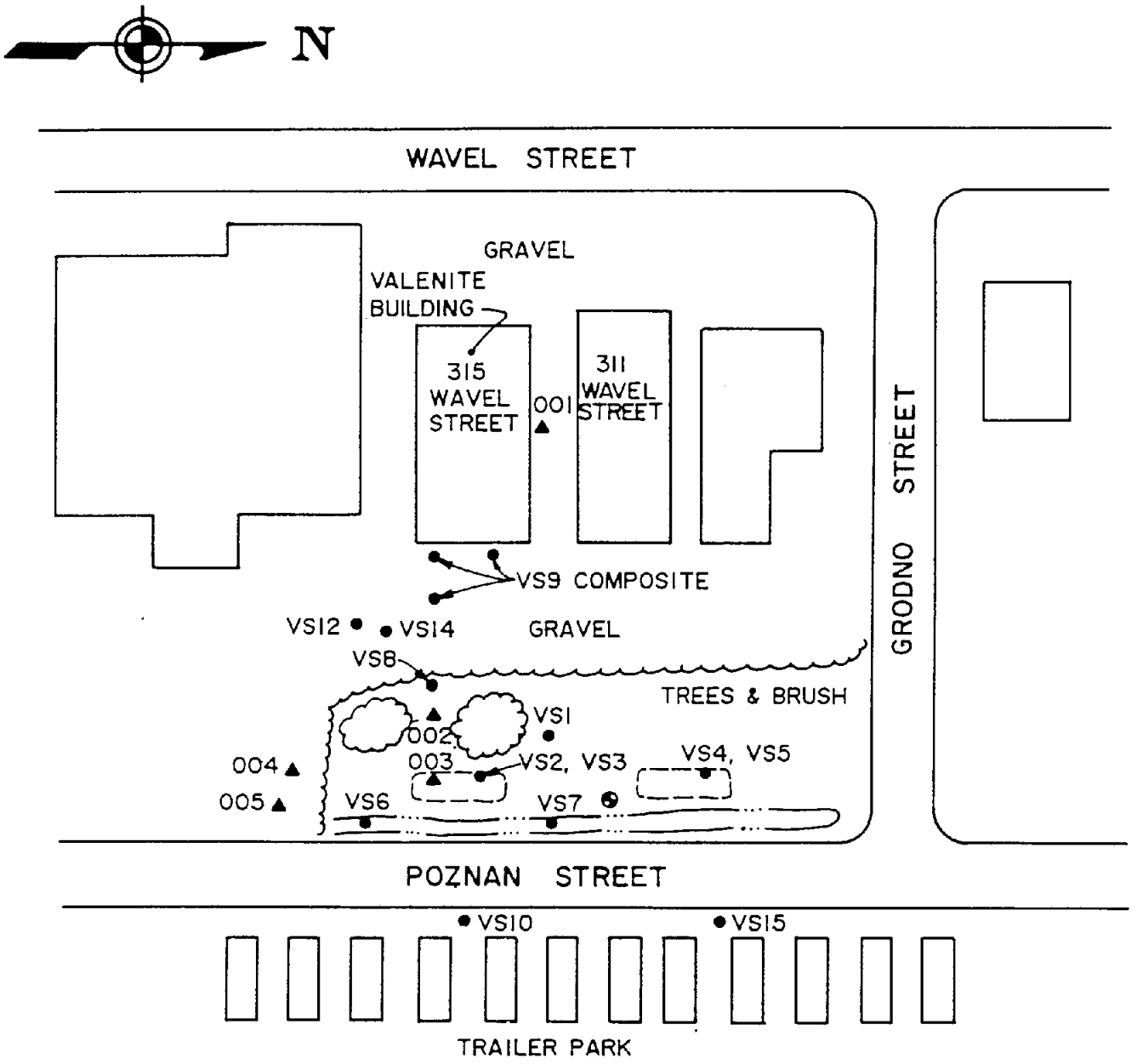
SCALE IN FEET

0 1000 2000

1: 24,000

URS CONSULTANTS, INC.	VALENITE NYSDEC SITE # 734023 **SITE LOCATION MAP**	FIGURE 1-1

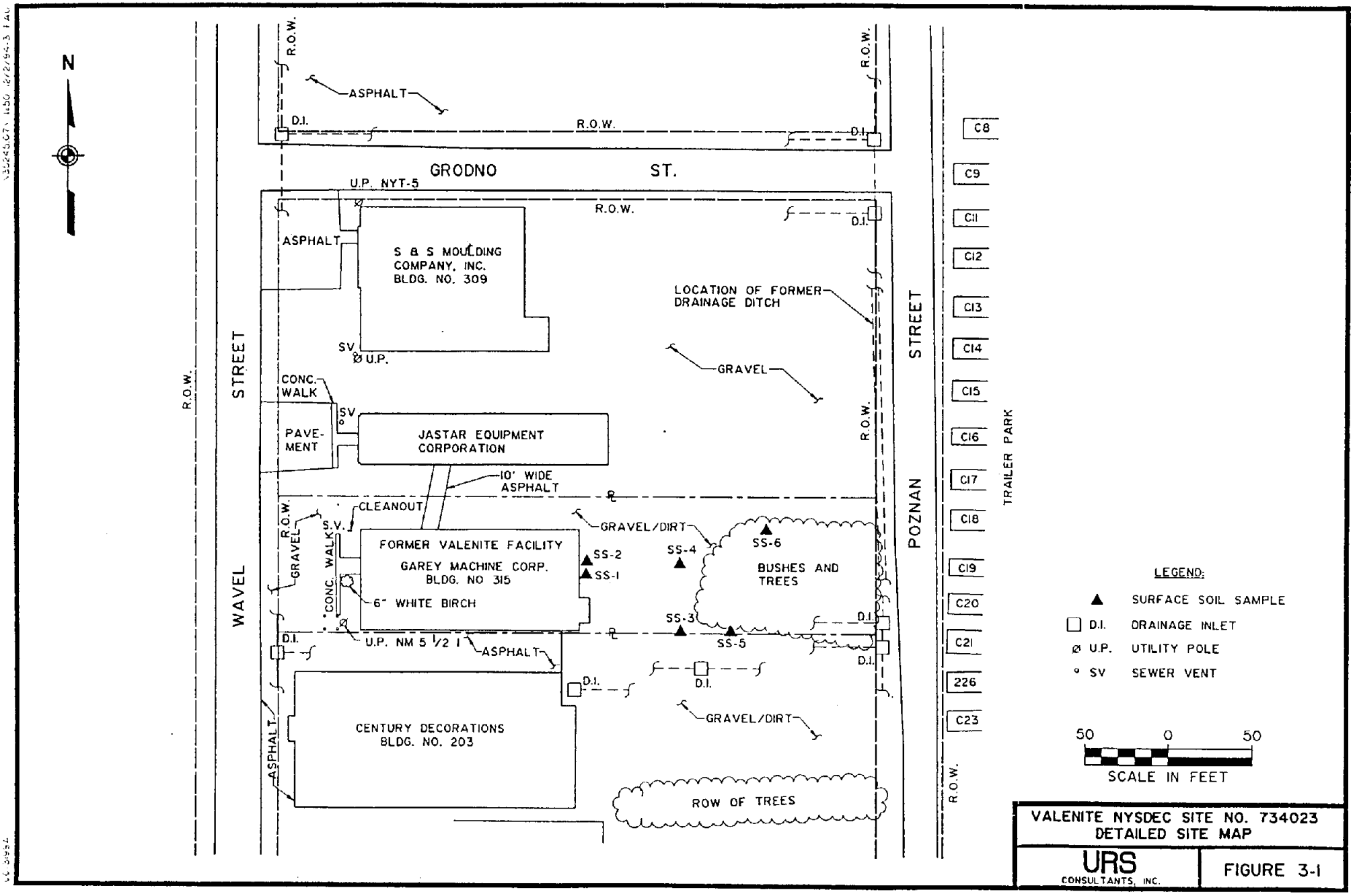
A-3553



LEGEND

- ▲ NYSDEC SOIL SAMPLES, OCT. 1985
- ● EPA REGION II FIELD INVESTIGATION TEAM, JUNE 1984
- GARDEN
- DRAINAGE DITCH

NOT TO SCALE



VALENITE NYSDEC SITE NO. 734023
DETAILED SITE MAP

URS CONSULTANTS, INC.

FIGURE 3-1

1.0 EXECUTIVE SUMMARY

1.1 Site Description and Disposal History

The former Valenite Metals Company facility is located at 315 Wavel Street in an urban/industrial area in the Town of DeWitt, Onondaga County, New York (Figure 1-1). The NYSDEC defines the site as the area around the former Valenite facility. The 0.5 acre site is located in the Syracuse Metropolitan area. The property is now owned by the Garey Machine Corp. operated by Mr. Michael Garey. The one-story concrete block building occupies the western half of the property. At the time of the site inspection, the majority of the property was covered with gravel and was used for parking. The eastern edge of the property, along Poznan Street, is covered in trees and brush and was previously used by residents of the adjacent mobile home park for vegetable gardens (Figure 1-2).

The surface water nearest to the site is the South Branch of Ley Creek which is located 1,200 feet east of the site. Former employees alleged that between 1961 and 1981 heavy metal contaminated dust was discharged to the atmosphere from the ventilation system of the building. During the same time period, used machine oil from vacuum pumps allegedly was dumped beside the building and into the drainage ditch at the rear of the building.

It is likely that between the time of the former employee allegations and 1982, when Mr. Garey leased the property, a new ventilation system was installed.

1.2 Site Investigation

Roy F. Weston, Inc., completed a Preliminary Assessment of the Valenite site for the USEPA in September 1984. The results of that report and of the 1985 NYSDEC study found cobalt and many semivolatile organic compounds in the soil at elevated levels.

On November 13, 1990, a site inspection for PSA Task 1 was conducted by Donald McCall (URS Consultants, Inc.) and Robert Kreuzer (URS Consultants, Inc.). During the site visit Mr. Michael E. Garey, who operates the Garey Machine Corp, was interviewed. Due to the alleged method of waste

disposal, no contamination was visible during the inspection. On August 8, 1994, a site inspection for PSA Task 3 was conducted by Andre LaPres of URS Consultants, Inc., Carl Hoffman of the NYSDEC, and Michael Garey. At that time it was noted that the drainage swale, depicted on the site sketch generated for the PSA Task 1 in 1991, had been filled in. Mr. Garey stated that the drainage swale had been replaced by a city storm sewer. Mr. Garey noted that refuse was present in the overgrown areas on the eastern portion of the site.

The swarf pile which had been identified in the NYSDEC work plan had been removed. The Valenite site is a suspected inactive hazardous waste site recognized by the NYSDEC. The site currently is classified as Class 2a because there is insufficient information to document hazardous waste disposal and/or assess the significance of potential risks to public health or the environment.

URS Consultants conducted a limited program of sampling in August 1994 during which six surficial soil samples were collected at the rear of the building. Standards, Criteria, and Guidance values (SCGs) were contravened for chrysene, benzo(b)fluoranthene, benzo(a)pyrene, dibenz(a,h)anthracene, arsenic, cadmium, calcium, chromium, cobalt, copper, magnesium, mercury, nickel, and cyanide in one or more of the samples. Maximum concentrations for toxicity characteristics were not exceeded. Table 3-1 gives a complete list of results and SCG exceedances.

1.3 Presence of Hazardous Waste

The site currently is listed in the Registry of Inactive Hazardous Waste Sites in New York State as a Class 2a site. There is no documentation of disposal of hazardous waste as defined by 6 NYCRR Part 371 or 6 NYCRR Part 375 at the site.

1.4 Significant Threat

Significant threat to the public health or the environment must be proven in order for the NYSDEC to reclassify a site. Significant threat must be a direct result of hazardous waste disposal and can be in the form of contravention of federal or state standards, impact on fish, wildlife, or flora, or through a potential for direct human contact.

Prior to this investigation and based on limited sampling, the site had been classified as a Class 2a site by the NYSDEC since there was no documentation of hazardous waste disposal or significant threat to nearby residents or the environment. Based upon the results of this investigation in which no hazardous waste disposal or significant threat was documented, this site should be delisted from the NYSDEC Registry of Inactive Hazardous Waste Sites in New York State.

1.5 Recommendations

The results of this study have been adequate to conclude that the presence of consequential hazardous waste has not been substantiated from results of site sampling. As such, removal of the Valenite site from the Registry of Inactive Hazardous Waste Sites in New York State is appropriate.

2.0 SITE HISTORY

The Valenite site (#734023) is a manufacturing facility located at 315 Wavel Street in the Town of DeWitt. The Valenite Metals Company rented this property from 1961 to 1981 from Jacob Hafner for the manufacture of carbide cutting tools, and the adjacent property at 311 Wavel for use as a warehouse. Former employees of Valenite have alleged that the company released metal contaminated dust into the air in addition to the dumping of used vacuum pump oil onto the ground. Dust released from operations inside the plant reportedly settled on everything around the building and covered cars parked around the building with black "soot." Blowers and a bag dust collection system were used to collect dust from the machine operations; however, the bags in the collector were often ripped or were otherwise inefficient. In addition, there was a secondary system that would sometimes discharge dust directly through stacks in the roof. A transformer explosion and fire also was reported to have occurred at the Valenite facility some time in the 1970s; subsequently, many of these transformers were replaced (Ref 1).

Valenite ceased operations at this site in 1981. In 1982, the Garey Machine Corp. leased the building and in 1988 bought the property. According to Mr. Garey, the Valenite building was extremely dirty inside prior to his occupancy. Mr. Garey also stated that at that time the ventilation system discharged inside the building.

Several previous investigations have been conducted at this site. Previous sample locations are shown on Figure 2-1. In June 1984, a Potential Hazardous Waste Site Preliminary Assessment was performed by Roy F. Weston, Inc. for the USEPA. In September of 1984, a Site Inspection for the USEPA, including soil sampling for cobalt, was conducted . In October 1985, the NYSDEC conducted their own sampling program at the site. Five soil samples were collected as part of this investigation (Ref. 1). URS Consultants, Inc. prepared a Preliminary Site Assessment, Task 1 in 1991.

		NEW YORK STATE DEPARTMENT of ENVIRONMENTAL CONSERVATION						
			DIVISION of HAZARDOUS WASTE REMEDIATION					
				VALENITE SITE				
FIELD ID		As mg/Kg	Cr mg/Kg	Cd mg/Kg	Co mg/Kg	Ni mg/Kg	Cu mg/Kg	Hg mg/Kg
79522914		50U	10U	10U	50	10U	20	0.2U
CRH-1								

The above table of selected metals was generated by the NYSDEC laboratory on soil sample CRH-1, which was collected on August 16, 1995 from the small vegetable garden shown on figure 2-1. A three point composite sample was made from the root zone of the garden soil. Corn, tomatoes, and a leafy crop were observed growing in the garden at the time of sampling. The composite soil sample was placed on ice, and returned to the lab on August 17, 1995.

TABLE 3-1
VALENITE SITE
PRELIMINARY SITE ASSESSMENT
EPTOX RESULTS

Sample ID		SS-1	SS-2	SS-3	SS-4	SS-5	SS-6
Date Collected		08/15/94	08/15/94	08/15/94	08/15/94	08/15/94	08/15/94
Date Received		08/16/94	08/16/94	08/16/94	08/16/94	08/16/94	08/16/94
Matrix		Surface Soil	Surface Soil	Surface Soil	Surface Soil	Surface Soil	Surface Soil
Parameters	SCG[2]						
Gamma-BHC (Lindane)	400		0.027				
Endrin	20						
Methoxychlor	10,000						
Toxaphene	500						
2,4-D	10,000						
2,3,5-TP (Silvex)	1,000						
Arsenic	5,000	131		161		191	
Barium	100,000	1200	818	696	545	699	455
Cadmium	1,000	31.7	14.9	9.4		8.3	
Chromium	5,000		6.70			15.6	
Lead	5,000		58.2				
Mercury	200	1.10	0.62	1.30	0.57	0.78	0.62
Selenium	1,000	89.2	104				82.1
Silver	5,000				17.90		

All results reported in µg/l.

Only detected results reported.

[2]- Maximum concentration of contaminants for toxicity characteristics.

TABLE 3-1
VALENITE SITE
PRELIMINARY SITE ASSESSMENT
INORGANIC RESULTS

Sample ID		SS-1	SS-2	SS-3	SS-4	SS-5	SS-6
Date Collected		08/15/94	08/15/94	08/15/94	08/15/94	08/15/94	08/15/94
Date Received		08/16/94	08/16/94	08/16/94	08/16/94	08/16/94	08/16/94
Matrix		Surface Soil	Surface Soil	Surface Soil	Surface Soil	Surface Soil	Surface Soil
Parameters	SCG [1]						
Aluminum	--	4230	5060	3590	3600	9080	10100
Antimony	--					12.80	
Arsenic	7.5	1.70	2.40	2.90	39.90	49	3.80
Barium	300	77.90	123	69.50	54.30	71	42.80
Beryllium	0.16		0.29	0.25	0.23	0.35	0.36
Cadmium	1						
Calcium	--	76500	84400	77200	174000	60400	26200
Chromium	10	40.90	51.50	57.90	30.20	55.20	15.40
Cobalt	30	6670	5200	137	216	171	16.20
Copper	25	44.50	99.20	266	50.40	2120	52.20
Iron	2,000	10,000	12700	14400	20400	25200	15000
Lead	500 *	108	77.70	61.80	44.20	126	32.10
Magnesium	--	38200	31600	37600	28800	29300	10900
Manganese	--	244	301.00	275	310	413	291
Mercury	0.1	0.74	0.67	0.38	0.28	0.59	0.35
Nickel	13	175	133	53.40	27.50	55.90	16.90
Potassium	--	879	1090	700	794	1270	952
Selenium	2						
Silver	--		1.50				
Sodium	--		214		92.50		
Thallium	--						
Vanadium	150	13	15.90	13.10	11.70	22	15.90
Zinc	20	100	128	102	57.10	187	41.70
Cyanide	*		-	-			-

All results reported in mg/kg.

Only detected results reported.

-- - No SCG Value.

* - Varies widely.

[1] - New York State Department of Environmental Conservation TAGM HWR-94-4046, January 24, 1994.

[redacted] - Exceeds SCG value

TABLE 3-1
VALENITE SITE
PRELIMINARY SITE ASSESSMENT
SEMIVOLATILE RESULTS

Sample ID		SS-1	SS-4	SS-5	SS-5 RE
Date Collected		08/15/94	08/15/94	08/15/94	08/15/94
Date Received		08/16/94	08/16/94	08/16/94	08/16/94
Matrix		Surface Soil	Surface Soil	Surface Soil	Surface Soil
Parameters	SCG				
Pentachlorophenol	1,000 or MDL				
Phenanthrene	50,000 *	3100	14000	2900	2600
Anthracene	50,000 *	690	2400	270	350
Carbazole	--	480	2500	490	470
Di-n-butylphthalate	8,100	250		89	89
Fluoranthene	50,000 *	3400	28000	3000	2900
Pyrene	50,000 *	5000	23000	3200	3600
Butylbenzylphthalate	50,000 *			59	35
3,3'-Dichlorobenzidine	--				
Benzo(a)anthracene	224 or MDL	4500	13000	1800	1500
Chrysene	400	4400	14000	950	1100
bis(2-Ethylhexyl)phthalate	50,000 *	290	440	740	690
Di-n-octylphthalate	50,000 *				
Benzo(b)fluoranthene	1,100	2000	16000	2100	2200
Benzo(k)fluoranthene	1,100	1900	17000	1500	1200
Benzo(a)pyrene	61 or MDL	3600	13000	1000	930
Indeno(1,2,3-cd)pyrene	3,200	840	3300	320	480
Dibenz(a,h)anthracene	14 or MDL	160	1300	110	190
Benzo(g,h,i)perylene	50,000 *	680	3100	280	510

All results reported in ug/kg.

Only detected results reported.

-- - No SCG Value.

* - Total semivolatiles <500,000 ppb.

MDL - Method Detection Limit.

[1] - New York State Department of Environmental Conservation

TAGM HWR-94-4046, January 24, 1994.

Exceeds SCG value

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
50 Wolf Road, Albany, New York 12233

Michael D. Zagata
Commissioner

M E M O R A N D U M

To:
- T. Reamon Investigation Section
- C. Branagh Regional Hazardous Waste Remediation Engineer

~~G. Rider~~, O&M Section (As Needed)
- R. Dana, DEE
- A. Carlson, DOH, Bureau of Environmental Exposure Invest.

From: Robert Marino, Site Control Section

Subject: Review of Classification Package for Site # 734023

Date: January 8, 1996 Valenite [2a → D1]

The attached new "Registry Site Investigation Information Form" with supporting documentation is attached for your review and approval.

If acceptable, sign at the bottom of the form (Box #17) and return within 30 calendar days.

If unacceptable, please return with an explanation of your position in a separate memo or letter.

An important part of your review should include modifying, if necessary, the statement in Block 11 (Conclusion) for Classification Decision of the Investigation Form so that it can be used in all appropriate notification documents (i.e., ENB, owner and adjacent property owner notification letters, and newspaper legal notice.

Please keep the supporting documentation for your records.

Attachment(s)