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961005

ENGINEERING INVESTIGATIONS AT INACTIVE HAZARDOUS WASTE SITES

PRELIMINARY SITE ASSESSMENT

ETE SANITATION AND LANDFILL
GAINESVILLE (T)

SITE NO. 961005
WYOMING (C)

Prepared for:

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

Thomas C. Jorling, Commissioner

DIVISION OF HAZARDOUS WASTE REMEDIATION

Michael J. O'Toole, Jr., P.E. – Director

URS Consultants, Inc.
570 Delaware Avenue
Buffalo, New York 14202

DECEMBER 1990

1104

PRELIMINARY SITE ASSESSMENT

TASK 1: DATA RECORDS SEARCH AND ASSESSMENT

ETE SANITATION AND LANDFILL

SITE NO. 961005

GAINESVILLE (T)/WYOMING (C)

DECEMBER 1990

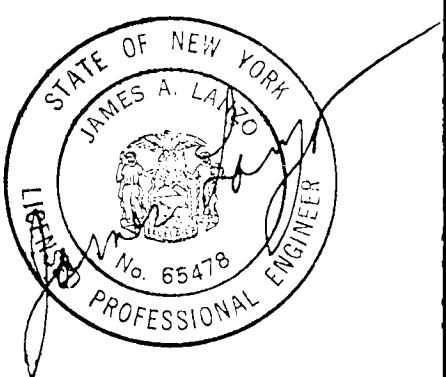
Performed Under

NYSDEC CONTRACT NO. D002340

NYSDEC WORK ASSIGNMENT NO. D002340-3

By

URS CONSULTANTS, INC.



For

DIVISION OF HAZARDOUS WASTE REMEDIATION

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

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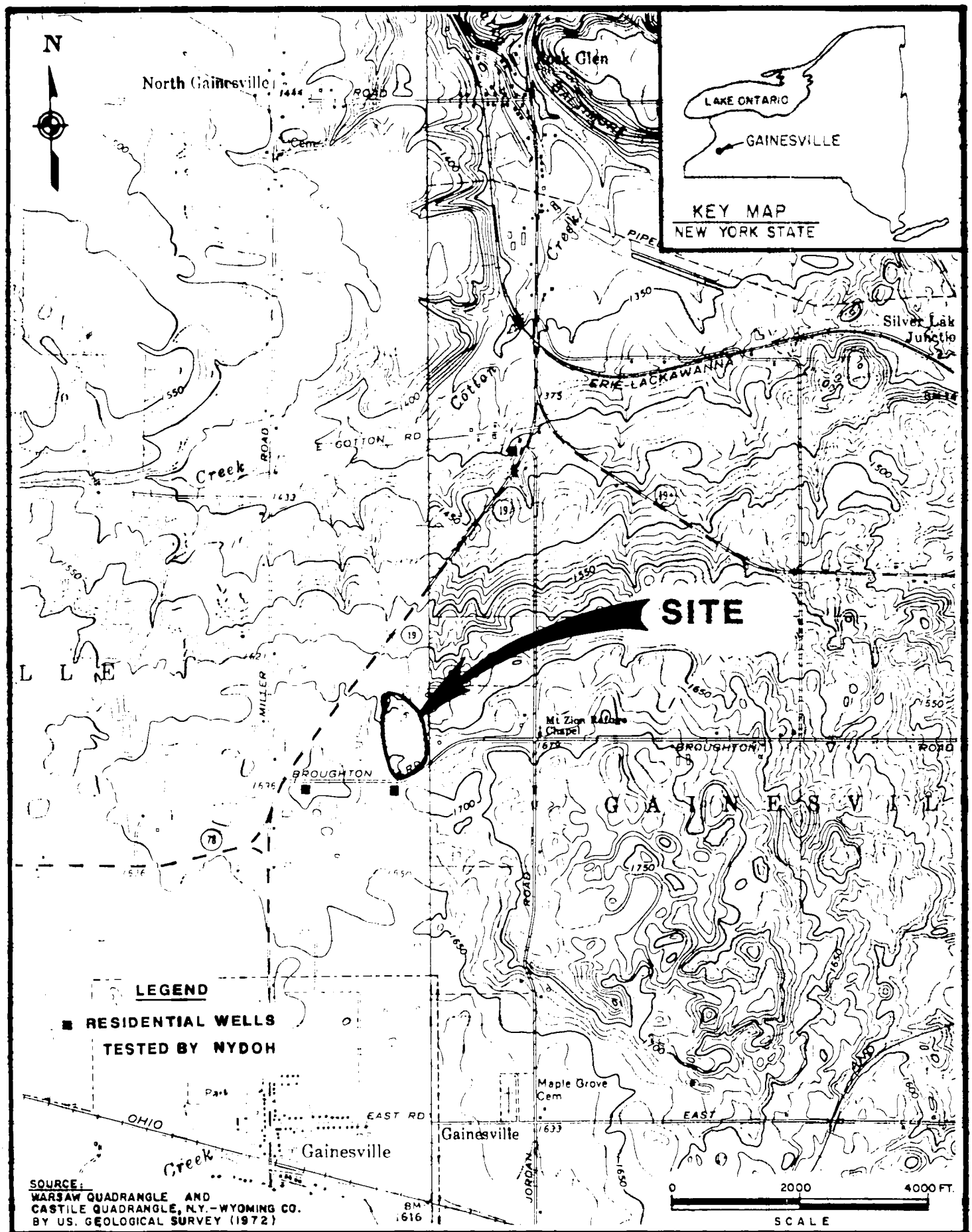
1. EXECUTIVE SUMMARY

The ETE Sanitation and Landfill site, NYSDEC Site # 961005 is located on Broughton Road in the Town of Gainesville, Wyoming County, New York (Figure 1). It was the site of a privately owned and operated landfill that was in operation from 1972 to 1979. During that time municipal waste was accepted from several towns in Wyoming County, as well as industrial waste from Almor Corp. and Mallory Timers in Warsaw, and Morton Salt in Silver Springs.

During the records search, a Hazardous Waste Questionnaire completed in 1984 by Almor Corp. was located. It indicates that Almor Corp. disposed of 150 tons of drummed, lightly leaded paint sludge at ETE Sanitation and Landfill (Ref. 1). Site inspection reports completed by NYSDEC indicate that Morton Salt dumped 4 to 5 truckloads of salt per week for an unknown period of time at the landfill. A former Mallory Timers employee was interviewed and stated that Mallory wastes were taken to ETE Sanitation and Landfill after the Warsaw Village Landfill was closed in 1974 (Ref. 1).

The entire population of the Town of Gainesville is supplied with water from private wells (Ref. 9, 33). The Village of Silver Springs is supplied with water from two springs and two wells, the wells being located within two miles of ETE Sanitation and Landfill. The Letchworth Central Schools' wells are located within 2 miles of the ETE site (Ref. 3, 26).

A site inspection was conducted on May 22, 1990 by URS Geologist Phyllis Rettke and NYSDEC Senior Engineering Geologist Gerald Pietraszek. The site showed evidence of being poorly managed during its period of operation, with very little having been done since the site was closed in 1979. There was evidence of recent small fires on the site. Rusted drums and garbage were protruding from the ground surface and new trash was



A-3279

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SITE LOCATION MAP
ETE SANITATION LANDFILL

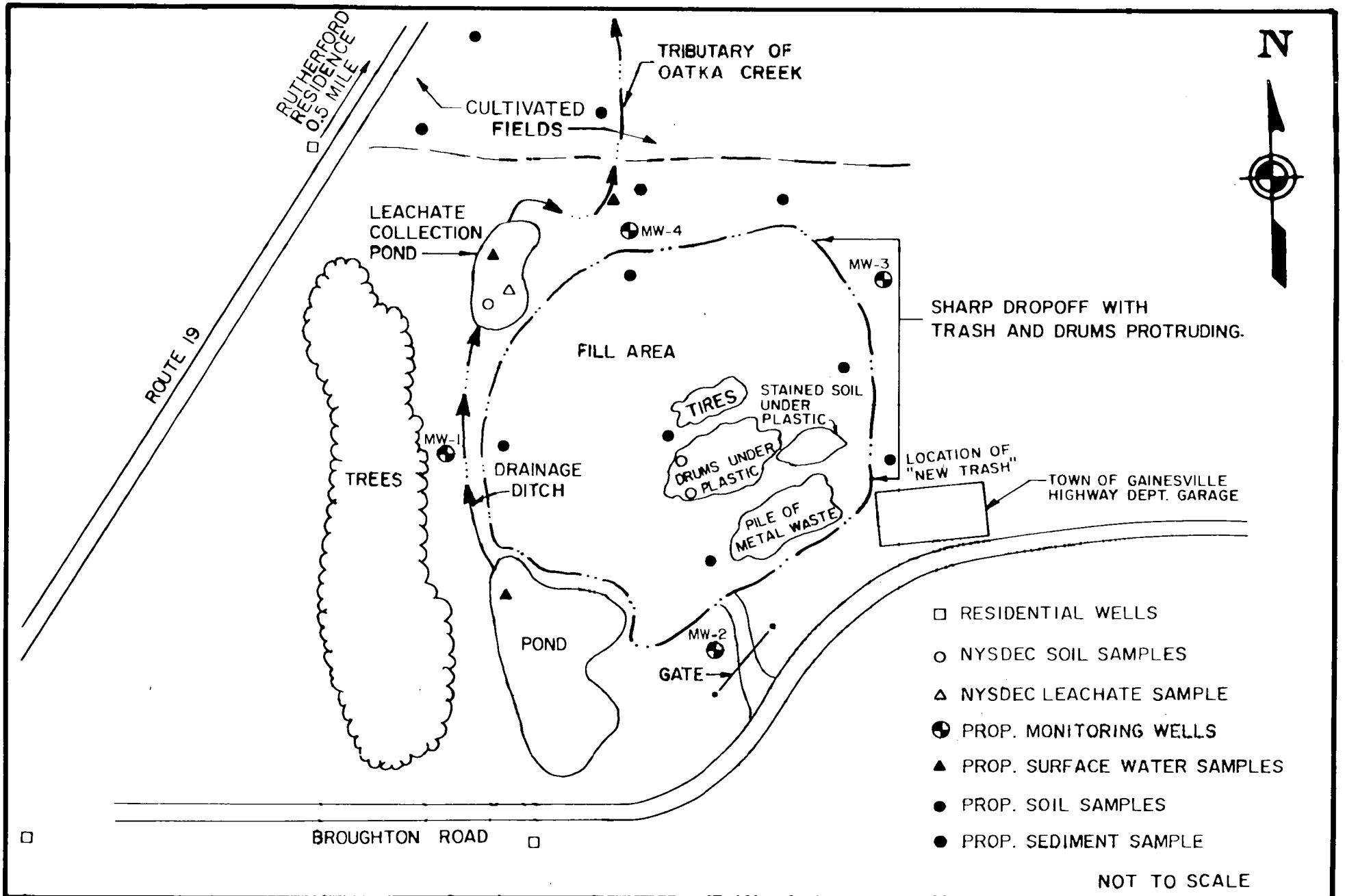
FIGURE 1

being deposited in one area of the site. NYSDEC had previously collected rusted drums from different areas of the site, sampled them, placed them in one area, and covered them with plastic. Many small depressions on site were filled with leachate, and in other areas leachate was seeping out of the ground (Figure 2). All of the onsite surface water, with the exception of the southernmost pond, was either covered with a film of leachate or stained a deep rusty orange brown. No readings above background were noted on any air monitoring instruments. Photographs taken during the site visit are presented as Figure 3.

Onsite disposal of waste characterized as hazardous according to 6NYCRR 371.3(e)1 has been documented at ETE Sanitation and Landfill (Ref. 1, 7). In addition to the leaded paint sludge and plating wastes, truckloads of salt have been dumped in the past (Ref. 18, 19). Nineteen onsite drums are covered with plastic but otherwise unsecured and the site is accessible to the public. A farmer with property adjacent to the site reported, in 1979, being unable to grow crops in a field bordering the site due to the dumping of salt (Ref. 23, 24). It has been documented that leachate drains from the collection pond onsite into a tributary of Oatka Creek. This site poses a potential threat to the water supply of the population of the Gainesville area as well as a threat to the recreational fishing in Oatka Creek.

The evidence available for ETE Sanitation and Landfill is insufficient to reclassify this site at this time. It is recommended that the NYSDEC perform surface water, sediment, soil, and groundwater sampling for analysis of contamination.

A-3282



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SITE SKETCH
ETE SANITATION AND LANDFILL

FIGURE 2

Looking northwest towards a pile of plastic debris and other trash in the foreground. Water in the background is flowing off the fill and towards the upper left of the photo to the leachate collection pond.

Leachate pool with abundant vegetation near the center of the site.

FIGURE 3
SITE PHOTOGRAPHS
ETE SANITATION AND LANDFILL

Looking west towards drop off at northern edge of the fill. Refuse protruding from and deposited on the ground. Tire on right side of the photo shows leachate stains.

Looking north from near the entrance towards a pile of crushed drums. These were collected from all over the site and covered with plastic by NYSDEC.

Based on the information gathered during this investigation of the ETE Sanitation and Landfill site, the following Hazard Ranking System scores were calculated:

S_M = 38.0 (S_{GW} = 66.0, S_{SW} = 0.08, S_A = 0.00)

S_{FE} = 0.00

S_{DC} = 25.00

47-15-25 (11/90)—9d

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

Original—BHSC
Copy—REGION
Copy—DEE
Copy—DOH
Copy—PREPARER

ADDITIONS/CHANGES TO REGISTRY OF INACTIVE HAZARDOUS WASTE DISPOSAL SITES

1. SITE NAME	2. SITE NO.	3. TOWN	4. COUNTY
ETE Sanitation & Landfill	961005	Gainesville	Wyoming

5. REGION	6. CLASSIFICATION	7. ACTIVITY
9	Current 2a / Proposed ____	☐ Add ☐ Reclassify ☐ Delist ☐ Modify ____

8a. DESCRIBE LOCATION OF SITE (Attach U.S.G.S. Topographic Map showing site location)

The ETE site is located approximately 5.5 miles south of the Village of Warsaw on Rte. 19. Turn left on Broughton Road and left again at the gate west of the highway garage.

b. Quadrangle Warsaw c. Site Latitude 42° 39' 28" Longitude 78° 07' 36" d. Tax Map Number ____

9a. BRIEFLY DESCRIBE THE SITE (Attach site plan showing disposal/sampling locations)

The site has many exposed drums and garbage protruding from the surface. There is inadequate cover applied to the fill-area. Many apparently permanent leachate outbreaks are present.

b. Area 20 acres c. EPA ID Number ____ d. PA/SI ☐ Yes ☒ No

e. Completed ☐ Phase I ☐ Phase II ☒ PSA ☐ Sampling

10. BRIEFLY LIST THE TYPE AND QUANTITY OF THE HAZARDOUS WASTE AND THE DATES THAT IT WAS DISPOSED OF AT THIS SITE

150 tons of lightly leaded paint sludge disposed of between 1974 and 1979. Unknown amount of plating waste, between? and 1979. Unknown quantity of waste salt.

11a. SUMMARIZED SAMPLING DATA ATTACHED

☐ Air ☒ Groundwater ☐ Surface Water ☒ Soil ☒ Waste ☐ EP Tox ☐ TCLP

b. List contravened parameters and values

2 residential wells near the site exceed NYS Water Quality standards for Iron

12. SITE IMPACT DATA

a. Nearest surface water Distance onsite ft. Direction ____ Classification none

b. Nearest groundwater Depth 2.5 ft. Flow Direction presumed North ☐ Sole Source ☐ Primary ☐ Principal

c. Nearest water supply Distance 1200 ft. Direction South Active ☒ Yes ☐ No

d. Nearest building Distance 100 ft. Direction South Use Garage

e. Crops or livestock on site? ☐ Yes ☒ No

f. Exposed hazardous waste? ☒ Yes ☐ No

g. Controlled site access? ☐ Yes ☒ No

h. Documented fish or wildlife mortality? ☐ Yes ☒ No

i. Impact on special status fish or wildlife resource? ☐ Yes ☒ No

j. Within a State Economic Development Zone? ☐ Yes ☒ No

k. For Class 2a. Code ____ Health Model Score ____

l. For Class 2. Priority Category ____

m. HRS Score Sm=38, SFe=0.0, Sdc=25.00

n. Significant Threat ☐ Yes ____ ☐ No ☒ Unknown

13. SITE OWNER'S NAME	14. ADDRESS	15. TELEPHONE NUMBER
ETE Corp. Don Iwanicki, Trustee	Gainesville, New York 14567	(716) 343-4577

16. PREPARER

Phyllis Rettke, Geologist, URS Consultants
Name, Title and Organization

12/6/90
Date

Phyllis A Rettke
Signature

17. APPROVED

Name, Title and Organization

Date

Signature

2. PURPOSE

Data Records Search and Assessment, Task 1 of the Preliminary Site Assessment (PSA), was conducted at ETE Sanitation and Landfill, Site No. 961005, in Gainesville, Wyoming County, New York by URS Consultants under contract to the New York State Department of Environmental Conservation (NYSDEC) Superfund Standby Contract (Contract No. D002340), Work Assignment No. D002340-3.

ETE Sanitation and Landfill site (Figure 1) is recognized by NYSDEC to be a suspected inactive hazardous waste site. This site is currently classified as Class 2a because there has been insufficient information to document hazardous waste disposal and/or assess the significance of potential risks to public health or the environment. The purpose of the PSA is to provide the information for NYSDEC to reclassify the site according to the following classifications:

- Class 2- Hazardous waste sites presenting a significant threat to the public health or the environment.
- Class 3- Hazardous waste sites not presenting a significant threat to the public health or the environment
- Delist-Sites where hazardous waste disposal cannot be documented.

3. SCOPE OF WORK

The Preliminary Site Assessment at ETE Sanitation and Landfill comprised several interrelated tasks as follows:

File Reviews

An extensive data search was conducted, utilizing both site-specific and regional sources. This information was compiled from existing data as well as new sources including:

- Visit to the NYSDEC Region 9 office to conduct a file search (5/11/90 and 5/12/90) (716) 847-4590;
- Phone conversation (5/14/90) and visit (5/22/90) with Wyoming County Soil Conservation Service, Brian Timothy, for soil maps, prime farmland maps, and irrigation information (716) 786-3118; and
- Visit with NYSDEC Region 9 office Dick Foley (5/29/90) for Wetlands maps, (716) 847-4590.

Site Inspection

A site inspection was conducted on May 22,1990 in order to: assess the surface characterization of the site and vicinity; observe evidence, if any, of hazardous substances or wastes present; photograph the site; conduct preliminary air monitoring using a PID (HNu), an Explosimeter, and a radiation meter; and confirm information obtained from the initial data search. During the 1-1/2 hour site inspection, no readings above background level were noted on any instruments. A USEPA Site Inspection Report (EPA Form 2070-13) and the NYSDEC "Additions/Changes to the

Registry of Inactive Hazardous Waste Disposal Sites" were completed following the site inspection.

The site inspection was conducted with the following personnel:

NAME	TITLE	AFFILIATION
Phyllis Rettke	Geologist	URS Consultants, Inc.
Gerald Pietraszek	Sr. Engineering Geologist	NYSDEC

ETE Sanitation and Landfill is currently closed and no longer accepts municipal or industrial wastes. However, during the site inspection, piles of recently dumped trash were observed near the entrance. Piles of scrap black plastic were found, and there were many areas where garbage and plastic garbage bags were protruding from the ground surface. Also present was evidence of onsite burning of material.

Leachate was evident in many portions of the site. It appears as a blue or white film on standing water or as bright rusty orange opaque water.

Nineteen overpacked drums covered with plastic are located onsite (Ref. 31). Several chunks of solidified paint sludge, which apparently fell out when the rusted drums were moved were also observed onsite (Refs. 31, site inspection). None of these lumps of pigment gave any readings above background level from air monitoring instruments.

4. SITE ASSESSMENT

4.1 Site History

The 20-acre ETE Sanitation and Landfill Site is located in a rural agricultural area on Broughton Road in the Town of Gainesville, Wyoming County, New York. It is the site of a private landfill that operated from 1972 to 1979, much of that time without a permit. ETE accepted municipal wastes from six towns in Wyoming County and industrial waste consisting of paint sludge, plating wastes, and salt.

This site was in violation of landfill operating regulations from 1972 until its closing in 1979 (Ref. 18 to 22). These violations include onsite burning and refuse not being spread, compacted or covered. Leachate outbreaks have been observed onsite and in a collection pond which has overflowed into a tributary of Oatka Creek. Dead animals have been dumped and drums are exposed.

When the owner tried to obtain a permit to operate a landfill under Part 360 in New York State, the state attempted to have the owners comply with the regulations. An order to cease any and all operations was issued by the New York State Supreme Court in December 1978 (Ref. 20). ETE Sanitation and Landfill continued to operate in violation of that order. In 1979, when a suit was brought against the owners for defying the court order, the owners declared bankruptcy. In 1990, the NYSDEC collected and overpacked nineteen drums and placed them under a plastic cover (Refs. 31, site inspection).

The site is currently not fenced and has uncontrolled walking access. There is, however, a locked gate near Broughton Road. It is apparent that there has been dumping of waste since the facility was closed in 1979. The Town of Gainesville garage, located along Broughton Road east of the site has an access road to the site. During the site

visit, it was observed that new trash is being deposited, apparently by the Town of Gainesville.

4.2 Site Topography

ETE Sanitation and Landfill is located in the Appalachian Uplands physiographic province of New York State. The site is located at the southern end of the Wyoming Valley which narrows and ends in the vicinity of Gainesville. The site is on a slight rise, and the land surface dips away in all directions from the site. This topography is the result of the erosion and deposition during the Wisconsin Glacial period when all of Wyoming County was covered by glaciers. The irregular land surface at the site was developed on top of moraines marking the edge of glacial advances. The Devonian bedrock underlying the region dips at a very gentle angle to the south.

The leachate collection pond located at the northern edge of the site drains into a tributary of Oatka Creek. This tributary is not used for drinking or irrigation within 3 miles of the site. Prime agricultural land is located within 2000 feet of the leachate collection pond (Ref. 14). There are no NYSDEC regulated wetlands located within 1 mile of the site.

The central portion of the site is essentially flat and irregular. This portion of the site showed typical glacially derived material on the surface. The sandy material contained many cobbles which were igneous and metamorphic in origin. This material may have been removed from nearby areas and used as cover when the landfill was in operation. Leachate was evident in all of the small depressions, mostly tire tracks. When walking in almost any direction from the central portion of the landfill, the ground surface drops and becomes extremely irregular, with drums, tires and garbage protruding from the surface. The northeastern edge of the property had many small trees growing out of crushed and rusted drums on

the irregular, sloping surface. The rest of the site is covered with grasses and native plants. Stressed vegetation, although not evident at this time, was previously reported (Ref. 22). There were many birds observed during the site visit.

4.3 Site Hydrology

Surface Water Hydrology

ETE Sanitation and Landfill drains north into an intermittent tributary of Oatka Creek (Cotton Creek) which joins Oatka Creek upstream of the Village of Warsaw and flows first east then north. Oatka Creek upgradient of the Village of Warsaw and north of the site has a stream classification of "C(t)" (Ref. 32). All of the surface water, with the exception of the southernmost pond, was either covered with a film of leachate or stained a deep rusty orange color (Figure 1). The surficial soils are a gravely loam, which is relatively well drained; therefore there does exist the possibility of some recharge of the Pleistocene till aquifer from the surface, as well as from the leachate collection pond. No wetlands are located within 1 mile of the site .

The overflow from the leachate collection pond flows north, crosses some adjacent farmland and flows under Route 19, and eventually into a tributary of Oatka Creek (Ref. 22).

Groundwater Hydrology

Surficial soils at the site are classified as Bath-Valois gravelly loam and Alden mucky silt loam. The Bath-Valois type, which is found beneath most of the landfill and assumed to be the original surficial soil, consists of gently sloping or undulating soils formed on moraines. The seasonal water table is located at a depth of greater than 30 inches. The Alden mucky silt loam is a very poorly drained soil type which is

found in low areas and is often found beneath ponds or lakes. The seasonal water table for the Alden type, which is at the surface, appears to be beneath the pond on the southern edge of the site (Ref. 5). Cover for the landfill was obtained by removing soil from nearby areas (Ref. site inspection) and, although positive identification of the cover material is not possible, based on the Soil Survey of Wyoming County (Ref. 5) is presumed to be similar in nature to the gravely loam soil at the site.

All of Wyoming County was covered by glaciers during the Wisconsin glacial epoch. The resultant glacial deposit forms a layer in Wyoming Valley which is greater than 30 feet thick in the Gainesville vicinity. The direction of flow in the overburden (glacial aquifer) is reportedly to the north. It should be noted, however, that the ETE Site is very close to the divide between two sub-watersheds within the Genesee River Basin which drain both to the north (Oatka Creek) and the south (East Koy Creek) (Ref. 2). Therefore, until the precise location of the groundwater divide is determined, all directions are potentially downgradient of the site. The water table is seasonally high in part of the landfill and most likely intersects parts of the unlined landfill during wet periods.

The underlying Devonian bedrock dips to the south, and groundwater flow is assumed to be to the south.

The population of the Town of Gainesville, as well the population of the surrounding area, is supplied with drinking water from private wells in the glacial aquifer (Ref. 9,33). The Village of Silver Springs is supplied with water from 2 springs and 2 wells (Ref. 17). The wells are located within 2 miles east of the ETE site. One of the two wells is drilled into sand and gravel of Pleistocene age. The other well is screened in the Middle Devonian aquifer, probably shale (Ref. 16). The Letchworth Central Schools are also supplied with water from wells

screened in the Pleistocene sand and gravel aquifer, and these are located approximately 2 miles south of the ETE site (Ref. 16, 26).

4.4 Site Contamination

ETE Sanitation and Landfill is an unlined facility which has been partially covered with soil. Trash, rusted drums, and appliances are protruding from the surface of the landfill. There are metal objects, appliances, bikes, and sinks in several piles on the surface of the landfill. Nineteen drums were overpacked by the NYSDEC, covered with plastic, and are currently located onsite (Ref. 31, site inspection). There is also some recently dumped trash which was allegedly deposited by the Town of Gainesville behind their road maintenance garage.

In addition to the municipal waste from several towns in Wyoming County, ETE Sanitation and Landfill accepted industrial waste. Almor Corp. of Warsaw, New York, completed a hazardous waste questionnaire in 1984 stating that they disposed of approximately 150 tons of lightly leaded paint sludge in drums (Ref. 1), which are partially buried on site. It would take at least 400 to 500 drums to contain that volume of waste. It is alleged that Mallory Timers disposed of solvents and plating solutions, but the kind and quantity is unknown (Ref. 7). Morton Salt dumped 4 to 5 truckloads of salt per week at this site, but the composition of the salt (aside from halite) and the period of time that this deposition occurred is unknown (Ref. 18, 19).

There are two ponds onsite. The larger of the two had a normal appearance and smell during the site visit. The other, the leachate collection pond, had a deep rusty orange brown color and a pronounced organic odor. This pond drains to a tributary of Oatka Creek, which crosses Mr. Merritt Broughton's farmland to the north of the site.

Onsite soils, surface water and drum contents were analyzed between 1987 and 1990. Site contamination was identified by analysis by Cambridge Analytical Associates (CAA) in March of 1987, NYSDEC (Mobile Lab) in September of 1987, samples by the New York State Department of Health (NYSDOH) in 1989, and during the partial drum clean up through analysis by Lozier Labs in 1990.

NYSDEC sampled leachate and sediment from the leachate collection pond. These were collected and analyzed for inorganics in March 1987 by CAA. Only cyanide was detected in the samples (Ref. 28).

The NYSDEC collected one water sample from the pond, one drum content and one soil sample in September 1987. The results of these analyses are reported in an analytical report by the Mobile Lab dated January 1, 1988. Drum contents contained 1,1,1-trichloroethane (4.2%) and isophorone (8,142 ppm), as well as phenol (133.8 ppm) and bis(-2-chloroethyl) ether (181.7 ppm). The soil and water samples indicated the presence of many organic chemicals at concentrations of up to 7.5 ppm (isophorone) (Ref. 34).

The 1989 NYSDOH soil sample results showed contamination in the vicinity of the drum storage area. Concentrations of metals (aluminum, arsenic, barium, calcium, chromium, cobalt, copper, iron, lead, manganese, mercury, nickel, potassium, vanadium, zinc, titanium, and tin) as high as 24,100 ppm (iron) were detected.

The contents of 19 onsite drums were sampled and analyzed in 1990 as part of a drum clean-up. Six contained liquid and thirteen contained solid wastes. Three of the six liquid samples were found to be ignitable and are classified as hazardous waste according to RCRA and New York State standards. E.P. Toxicity tests were performed on the drum contents for metals, pesticides, and herbicides. Lead and chromium were detected at concentrations below the regulatory levels; no other EP Toxicity compounds

TABLE 1
ANALYTICAL RESULTS
ETE SANITATION AND LANDFILL

Sample ID Number			Soil #1	Soil #2
Collection Date			11/14/89	11/14/89
Parameter	Units	Class		
1,1,1-Trichloroethane	ug/kg	VOC	2.8	
Trichloroethene	ug/kg	VOC	1.0	
Tetrachloroethene	ug/kg	VOC	1.2	
Aluminum	mg/kg	Inorganic	13,500	370
Arsenic	mg/kg	Inorganic	4.7	3.8
Barium	mg/kg	Inorganic	69	24
Calcium	mg/kg	Inorganic	3,620	22,400
Chromium	mg/kg	Inorganic	24	14
Cobalt	mg/kg	Inorganic	6.2	6.5
Copper	mg/kg	Inorganic	58	23
Iron	mg/kg	Inorganic	24,100	23,500
Lead	mg/kg	Inorganic		25
Magensium	mg/kg	Inorganic	3,740	
Managanese	mg/kg	Inorganic	268	418
Mercury	mg/kg	Inorganic	0.08	0.03
Nickel	mg/kg	Inorganic	23	16
Potassium	mg/kg	Inorganic	2,140	1,760
Vanadium	mg/kg	Inorganic	24	18
Zinc	mg/kg	Inorganic	854	408
Strontium	mg/kg	Inorganic		31
Titanium	mg/kg	Inorganic	123	132

Note: Only detected results are reported.

TABLE 2
ETE SANITATION AND LANDFILL
DRUM CONTENTS – EP TOX RESULTS

Matrix		LIQUID				
Sample ID Number		**#7**	**#9**	**#10**	**#11**	**#12**
Collection Date		4/9/90	4/9/90	4/9/90	4/9/90	4/9/90
Parameter	Units					
Chromium	mg/kg					
Lead	mg/kg					

Matrix		SOLID													
Sample ID Number		#1	#2	#3	#4	#5	#6	#8	#13	#14	#15	#16	#17	#18	#19
Collection Date		4/9/90	4/9/90	4/9/90	4/9/90	4/9/90	4/9/90	4/9/90	4/9/90	4/9/90	4/9/90	4/9/90	4/9/90	4/9/90	4/9/90
Parameter	Units														
Chromium	mg/kg	0.11	0.17		0.19							0.07			
Lead	mg/kg	0.49	0.28		10.2			1.89				0.68	0.52	2.56	

were detected. Lead and chromium were detected with concentrations up to 2.56 ppm (lead) (Ref. 30) (Table 2). The 19 drums have been overpacked and stored onsite under plastic, as is the stained soil from the vicinity of the drums which NYSDEC removed and relocated. NYSDEC will dispose of these in an appropriate manner (Ref. 31). Organic chemicals (volatiles and one pesticide) were detected at a maximum concentration of 2.8 ppm (1,1,1-trichloroethane) (Table 1) (Ref. 29).

Domestic well water from kitchen taps of three properties in the vicinity of the ETE site was analyzed in 1990. Mr. Owen Eddy of the Wyoming County Health Department indicated that there was no concern about water (Ref. 25, 29) in these private wells, as two are located upgradient and the third (Rutherford residence) is 1/2-mile away. A comparison of compounds detected in the private wells against New York State and Federal drinking water standards is presented as Table 3.

TABLE 3
ANALYSIS OF TAP WATER FROM NEIGHBORING RESIDENCES

LOCATION		RUTHERFORD RESIDENCE	WM. SAFFORD RESIDENCE	A. SAFFORD RESIDENCE	WATER STANDARDS (1)
ANALYTES	UNITS				
ARSENIC	UG/L	10	<0.1	<0.1	25 UG/L
BARIUM	UG/L	163	131	102	1000 UG/L
CALCIUM	MG/L	53.9	91.5	44	---
COPPER	UG/L	---	19	---	1000 UG/L
IRON (2)	UG/L	478	53	987	300 UG/L
MANGANESE (2)	UG/L	204	---	64	300 UG/L
MAGNESIUM	MG/L	12.6	23.0	12.4	---
MOLYBDENUM	UG/L	---	---	31	---
POTASSIUM	MG/L	1.3	1.3	1.1	---
SODIUM	MG/L	16.9	50.5	7.9	---
STRONTIUM	UG/L	424	130	201	---
ZINC	UG/L	---	13	84	5.0 MG/L

(1) Water Standards are from NYSDEC TOGS 1.1.1, Ambient Water Quality and Guidance, 4/1/87; and the USEPA MCLS.

(2) Iron in two of the residential wells was found to be in contravention of standards. In addition, the NYS Sanitary Code, Subpart 5-1 standard for iron plus manganese of 500 UG/L was contravened in these two samples.

5. ASSESSMENT OF DATA ACCURACY AND RECOMMENDATIONS

5.1 Hazardous Waste Deposition

Along with the municipal waste, it has been documented that hazardous waste was deposited at ETE Sanitation and Landfill. Disposal information available from the Hazardous Waste Questionnaire in 1984 indicates that Almor Corp. dumped approximately 30 tons of lightly leaded paint sludge per year for 5 years (Ref. 1). Morton Salt dumped truckloads of salt and allegations of dumping by Mallory Timers have also been made (Ref 18, 19). The contents of three drums are ignitable and are therefore classified as hazardous waste (Ref. 30).

5.2 Significant Threat Determination

Some of the paint sludge dumped at ETE Sanitation and Landfill by Almor has been buried, while some is evident on the surface. The high water table along portions of the site makes contaminants in the drums, many of which are in poor condition, available to ground water, and through the drainage system onsite to a tributary to Oatka Creek.

Approximately 3,331 people within a three mile radius of the site use a combination of private and municipal wells drilled into the Pleistocene sands and gravel aquifer and springs for potable water (Ref. 3, 16, 26). It is unclear whether there is a hydraulic connection between the aquifer used for domestic water supply and the aquifer directly beneath the landfill. NYSDEC performed an analysis on water from kitchen taps of three adjoining properties (Ref. 29), two of which are reportedly upgradient of the site. No organics were detected. Iron levels in two of the wells exceed New York State Water Quality Standards.

The contents of three out of six onsite drums tested for ignitability were found to be ignitable. The drum contents are classified

according to RCRA characteristics and 6NYCRR Part 371.3b as hazardous wastes. Additional drums are present onsite which have not been sampled or analyzed. The classified drums are not near any objects which could be damaged by fire or explosion, and the Wyoming County Bureau of Fire has indicated that they know of no threat from fire or explosion (Ref. 13). However, there is evidence of recent small fires on the site. Additionally, the site is adjacent to the Village of Gainesville Highway Department Garage, an active place of work and accessible to the public. The Highway Department Garage does not have a well and only road salting equipment is stored there (Ref. 35).

5.3 Recommendations

Based on the presence of drums onsite, the contents of which have been classified as hazardous waste, the fact that the drums are unsecured, and the site is accessible to the public, further action will be required at this site. Proposed sample locations are shown on Figure 2.

Specific recommendations include:

- Surface water sampling and analysis of the ponds onsite, the tributary to Oatka Creek, and some of the more prominent and permanent leachate seeps should be performed. The analysis should include the entire Target Compound List (TCL).

- A sediment sample should be taken in the tributary to Oatka Creek and analyzed for TCL parameters.

- Seven soil samples should be taken and analyzed for the TCL in order to determine the extent of the soil contamination and assess any threat to the Village of Gainesville highway department workers.

- Monitoring wells MW-1 to MW-4 should be drilled to a depth of 25 feet, sampled, and analyzed for TCL parameters to detect any contamination, monitor any offsite contamination, and identify the direction of groundwater movement in the overburden.

- Three soil samples should be taken in the farm fields north of the site. While proposed locations are noted on Figure 2, the sampling locations should only be finalized after consulting with Mr. Broughton. This would allow sampling of the former areas of stressed vegetation.

- Nineteen of the drums onsite were sampled in 1990 by NYSDEC. They are earmarked for removal by the NYSDEC. Any additional drums remaining onsite should be sampled and the waste characterized.

APPENDIX A

References

APPENDIX A

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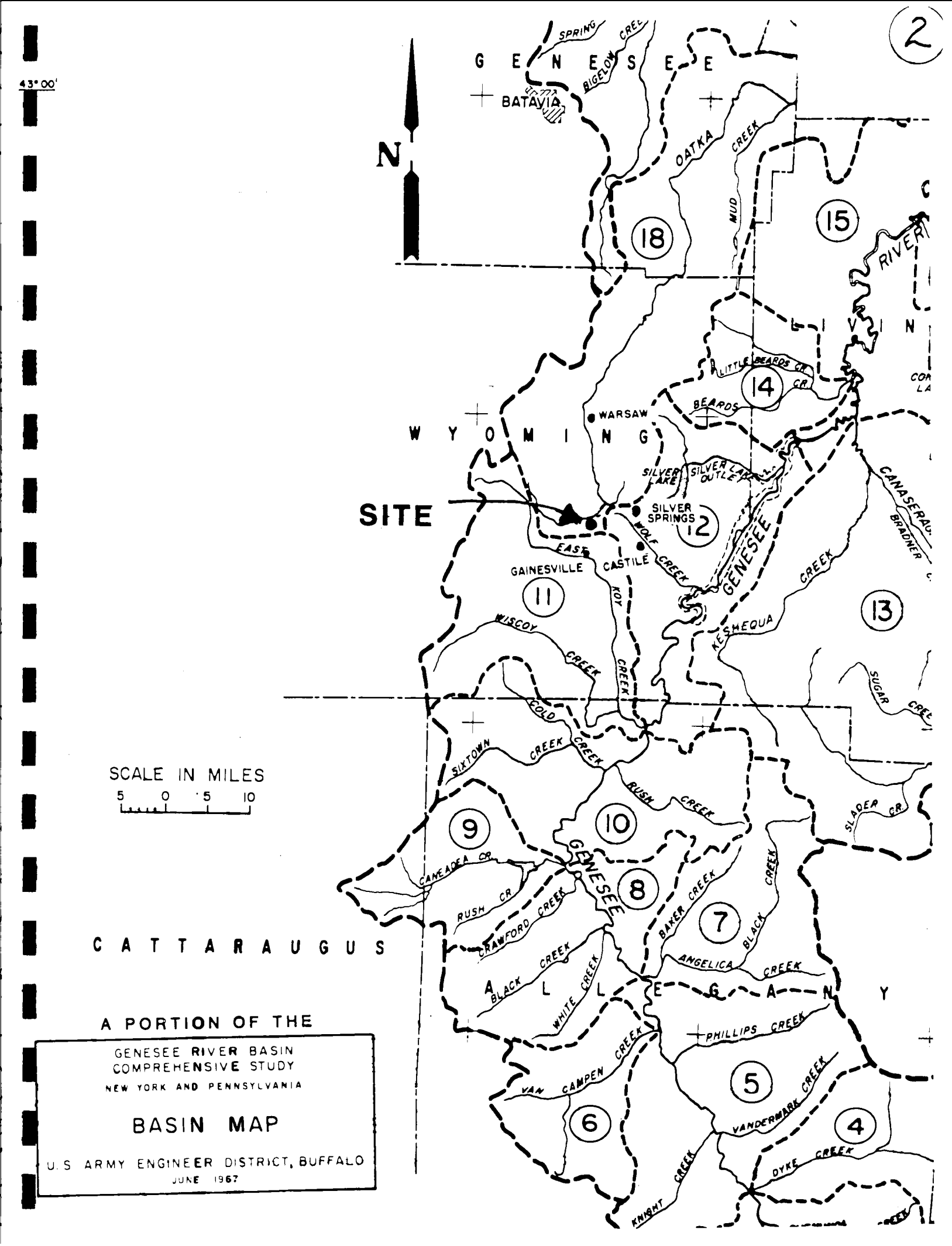

A PORTION OF THE

GENESEE RIVER BASIN
COMPREHENSIVE STUDY
NEW YORK AND PENNSYLVANIA

BASIN MAP

U.S. ARMY ENGINEER DISTRICT, BUFFALO
JUNE 1967

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
OFFICE OF FIELD SERVICES

INTER-OFFICE SPEED MEMO
(USE ONLY FOR UNOFFICIAL CORRESPONDENCE)

(18)

TO: Bob Metry

FROM: Joe Simone

SUBJECT: E.T.E. landfill ~~leachate~~ problem

File 6150?

DATE: June 7, 1979

REPLY REQUIRED BY:

DATE RETURNED:

REPLY AT BOTTOM OF THIS FORM

This site has a severe leachate problem which is having adverse effects on the local environment. Leachate is percolating through a large area of uncovered refuse along the entire north edge of the landfill. It is seeping out of the toe of the refuse pile especially along the northwest corner as well as along the east side of the site. The leachate from the north is flowing into a large holding pond which is filled to capacity. Leachate has overflown the banks and is seeping out of the earth dike in many places. Some of this leachate is traveling via a drainage ditch into a tributary of Oatka Creek. There is some overground flow into the creek and some under ground seepage which is surfacing at the the south west corner of Mr. Merit Broughton's field rendering about 1½ acres unproductive. The tributary of Oatka Creek is stained with leachate and foul smelling. Morton Salt Co. has been dumping about 4-5 truck loads per week which probably increases the adverse effect on the farm land (Mr. Merit Broughton stated his problems begun when Morton started dumping). The Assistant Attorney General plans ~~on~~ to serve the motion papers by June 8, 1979 in order to make them returnable for the June 22 Special Term.

On May 10, 1978 Lt. McCargo investigated the site. At that time the pond was not overflowing but there was visual evidence that it had been overflown. He also observed leachate seepage along the dike

ORIGINATOR — Send copies 1 & 2 (white & yellow)
Retain copy 3 (pink)
Forward copy 4 (gold) to Regional Director (field only).

RECIPIENT — Retain copy 1 (white)
Return copy 2 (yellow)

FSO-5 (1/73)

(19)

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Solid Waste Management
Field Investigation Report

INITIAL DEC NOTIFICATION: (From Complaint Log - SW-100)

Received By: ETM Date: 5/2/79 Time: 10:19
Received From: MR. BARBER WYOM. COUNTY 786-8310
(name) (address) (phone)

LOCATION:

County: WYOMING Municipality: WARSAW
Closest Landfill or Waste Hauler in the area: ETE

BRIEF DESCRIPTION OF COMPLAINT: (From Complaint Log - SW-100)

Cause and/or Effect: MORTON SALT DUMPED 3 LOADS OF SALT INTO ETE LANDFILL - LEACHATE COMING OUT ON RT. 19 - NORTH & EAST OF SITE - BERNIE EHART - SUPERVISOR OF GAINESVILLE 493-5712 HAS MORE INFO.

FIELD INVESTIGATION:

Conducted By: _____ Date: _____ Time: _____

Initial Findings: See attached report.

Action Taken: GIVEN TO K. H. FOR ACTION

FILE: 6/30/7

SW-90 Form

F1c

(20)

Peter Burke
Kevin Hintz (KH)
ETE Landfill, Gainesville - #61S07

August 16, 1979

On August 16, 1979 this writer inspected the above subject landfill and found the following violations of Part 360:

1. Leachate leaving the site and entering tributary of Oatka Creek.

2. Refuse being deposited in south end of leachate pond.

3. Non-daily cover.

4. Protruding refuse.

5. Lack of final and intermediate cover.

6. Windblown papers littering the area around landfill.

7. Improper slopes and grades.

8. Erosion of soil cover.

9. Lack of cover vegetation on completed areas.

10. Refuse not being compacted on the working face. Lift height is in excess of 10 feet and working face in excess of 1 on 3.

In addition to the Part 360 violations, refuse continues to be landfilled at the ETE Landfill. This is in violation of the Order & Judgement, Index No. 1324-78. Under this order, which was served to Mr. Herbert on July 23, 1979, the landfill operation was to have ceased within 10 days. There, it appears that Mr. Herbert is not going to adhere to the order and close his landfill voluntarily. It is recommended that either the closure of the landfill be mandated physically or fines levied for each day of operation beyond August 2, 1979. In addition, Mr. Herbert should be fined for contempt of court and further legal action taken.

KH:dd

cc: Mr. Mitrey

15 (12/75)

F-6

(21)

New York State Department of Environmental Conservation

MEMORANDUM

TO: Peter Burke
FROM: Kevin Hintz
SUBJECT: ETE Sanitation & Landfill, Inc.
Index No. 1324-78
DATE: March 26, 1979

File: 6/107

In response to a complaint from a Conservation Officer that refuse was on fire at the above subject site, this writer inspected the site on March 21, 1979. See attached inspection report. Based on the report, the following violations exist:

1. Leachate

   Leachate, red-brown & black septic is breaking out at various spots along the north edge of the landfill.

2. Leachate leaving the site

   Leachate is overflowing the leachate holding pond and is seeping through the pond walls. The leachate is entering a tributary of the Oatka Creek.

3. Refuse being placed in water

   Along the north edge of the landfill, refuse is being placed in the waters of the leachate holding pond. The working face has extended inside the south edge of the pond which at this time is overflowing.

4. Refuse burning

   Refuse fire reported on March 13, 1979 by a Conservation Officer. On March 21, 1979 the refuse was still smoldering. No earthen material placed over it.

5. Evidence of burning

   Burnt and charred refuse remains near the north edge of the site. No attempt to place cover over it has been made.

6. Non-daily cover

   Snow remaining on refuse on the north edge of the landfill. Refuse in northeast corner is sun-bleached. Based on this information and previous checks made at the site, it is apparent that no earthen cover has been applied for quite some time. An area spproximately 150' x 200' along the north edge, including the northeast corner is occupied by uncovered refuse. The refuse varies in depth from 10 to 25'. Site attendant said last cover was applied on March 17, 1979.

(21)

7. Protruding refuse

Refuse is protruding on the cover on the north edge of the fill just west of the area of uncovered refuse.

8. Improper grading

Water is pooling and ponding on completed areas on the southern and western portions of the landfill.

9. Vegetation

These same completed areas lack a proper cover vegetation.

10. Erosion of cover

The soil cover on a portion of the northern slope of the landfill, in the northwest corner, is being eroded.

11. Windblown refuse

The area directly north of the area of uncovered refuse is littered with windblown papers and refuse. However, to the northeast and east, the woods and brush are heavily littered with refuse.

12. Permit to Operate

This site is not yet under a Permit to Operate.

13. Improper compaction

Refuse remained unspread and uncompacted at the site. There were 10 to 15 loads present. Operator stated he did not know how many loads were brought in that morning. It appears that refuse is not being spread & compacted daily.

14. Working face in excess of 10'

Based on visual observation of the north edge of the landfill, the refuse varies in depth from 10' to 25'. There is not evidence of daily or intermediate cover.

15. Working face exceeds 1 on 3

The refuse has just been pushed over the north edge of the landfill. In places the refuse has formed a straight drop off. There is no compaction of the working face or north slope. Refuse is just being worked on top and not the face.

16. Salvaging

The metal salvaging pile located in the southeast corner is very large, occupying approximately 1 acre. This pile of salvage metals should be reduced.

Based on the inspection and previous inspections of the above said facilities, it is recommended that the site be closed. It appears that closure will be the only means of obtaining compliance with Part 360 of 6NYCRR.

KH:dd

15 (12-75)

(22)

New York State Department of Environmental Conservation

MEMORANDUM

TO: Mr. John Tygert/Mr. Lawrence Clare
FROM: Mr. Kevin Glaser
SUBJECT: ETE Landfill

DATE: May 8, 1987

Upon inspecting this site, on the above date, I found approximately six drums in the southeast section which did or still do contain chlorinated solvents. One full unopened drum was labeled Chlorothene, a trade name for a chlorinated solvent degreaser. Other drums were too deteriorated to identify from labels, but visually could be identified to contain rain water, paint sludge film, and chlorinated solvents. Several drums around these were labeled to contain motor oil; all of the motor oil drums checked were empty. The small amount of vegetation near these drums showed signs of being chemically burned.

Also noted at the site was a leachate collection pond. It has a continuous flow in and out, and is a pale shade of orange noted both 5/7/87 and 3/27/87. This site has several leachate breakouts of which most drain to the leachate pond. Some of the leachate drains to a swamp area east and northeast of the site which flows north and combines with the leachate pond overflow. This flows north and west under Route 19 and enters a swamp on the north side of East Cotton Road. This swamp drains under East Cotton Road and into Cotton Creek, downstream from the Village of Warsaw drinking water intake.

The surface of the landfill is sparsely covered with stressed vegetation. There are areas with refuse still protruding and other areas where leachate has collected, evaporated leaving traces of salts on the surface.

Sampling of the leachate pond and leachate pond sludge was done in late March and results have not yet been received. Sampling of the drums to identify contents should be the next step and then further studies to determine the extent of contamination.

KG:jps

Merritt Broughton III
Broughton Rd.
Silver Springs, N.Y. 14550

Dear Sir.

In writing in regards to an employee of yours that I spoke to on June 2, 1979 about the conditions created by the E.t.E. Landfill, Township of Mainsville, Wyo. Co.

1. Run off from landfill is running into a stream which runs across my property, it's reddish brown in color and smells. This stream also emptys into the Oatka Creek.

2. Run off from landfill runs across a field and run off makes it impossible to grow crop on 1 acre of land there, because the soil is full of salt which has been dumped in landfill by Morton Salt Co.

noticed in the corner of the same field, which is a reddish, brown substance, which makes it impossible to work that part of field.

4. I don't understand how this landfill gets away with not burying its refuge every day, also they are dumping into a pond, also some of this has not been buried in at least 3 months, which is creating a very bad odor in the area

As a taxpayer of town, County + State tapes why should I have to put up with such a a mess.

Merritt Broughton, III

Received: 03/31/87

REPORT
04/30/87 17:44:49

Work Order # 87-03-242

REPORT TO: NYSDEC
Room 317
50 Wolf Road
Albany, New York 12233-0001
ATTEN: Mr. Jack Ryan

CLIENT: NYSDEC SAMPLES: 2
COMPANY: NYSDEC
FACILITY: Bur. of Tech. Services & Res.

WORK ID: R-986-027,-028
TAKEN: By Robert Wozniak
TRANS: By Federal Ex. #2609695104
TYPE: Environmental
P.O. #: C001299
INVOICE: under separate cover

PREPARED BY: Cambridge Analytical Assoc.
Environmental Division
1106 Commonwealth Avenue
Boston, MA 02215
ATTEN:
PHONE: 617-232-2207

Edward A. Lawler
CERTIFIED BY

CONTACT LAWLER

This report is approved for release by the following staff:
Laboratory Director:
Inorganic Laboratory:
Organic Laboratory:

SAMPLE IDENTIFICATION

01 R-986-027
02 R-986-028

TEST CODES and NAMES used on this report

AG_I_A	Silver (Ag)-ICP	CO_I_S	Cobalt (Ca)-ICP
AG_I_S	Silver (Ag)-ICP	CR_I_A	Chromium (Cr)-ICP
ALK_A	Alkalinity-EPA 310.1	CR_I_S	Chromium (Cr)-ICP
AL_I_A	Aluminum (Al)-ICP	CU_I_A	Copper (Cu)-ICP
AL_I_S	Aluminum (Al)-ICP	CU_I_S	Copper (Cu)-ICP
AS_GFA	Arsenic (As)-furnace AAS	DIGSOL	Acid digestion-soil-SW846
AS_GFS	Arsenic (As)-furnace AAS	DIG_AQ	Acid digestion-aqueous-EPA
BA_I_A	Barium (Ba)-ICP	ECLPMS	A/B/N extraction-aq-CLP
BA_I_S	Barium (Ba)-ICP	ECLPPE	Pest/PCB ext-aq-CLP
BE_I_A	Beryllium (Be)-ICP	FE_I_A	Iron (Fe)-ICP
BE_I_S	Beryllium (Be)-ICP	FE_I_S	Iron (Fe)-ICP
BOD	Biological oxygen demand	HG_CVA	Mercury (Hg)-cold vapor
CA_I_A	Calcium (Ca)-ICP	HG_CVS	Mercury (Hg)-cold vapor
CA_I_S	Calcium (Ca)-ICP	K_I_A	Potassium (K)-ICP
CD_I_A	Cadmium (Cd)-ICP	K_I_S	Potassium (K)-ICP
CD_I_S	Cadmium (Cd)-ICP	MG_I_A	Magnesium (Mg)-ICP
CNT_A	Total cyanide-EPA 335.3	MG_I_S	Magnesium (Mg)-ICP
CNT_S	Total cyanide-EPA 335.3	MN_I_A	Manganese (Mn)-ICP
COD	Chemical oxygen demand	MN_I_S	Manganese (Mn)-ICP
CO_I_A	Cobalt (Co)-ICP	MSCLPS	Semi-volatiles-CLP

Received: 03/31/87 04/30/87 17:44:49

TEST CODES and NAMES used on this report

NA_I_A	Sodium (Na)-ICP
NA_I_S	Sodium (Na)-ICP
NH3_A	Ammonia-EPA 350.1
NH3_S	Ammonia-EPA 350.1
NI_I_A	Nickel (Ni)-ICP
NI_I_S	Nickel (Ni)-ICP
NO32_A	Nitrate/nitrite-EPA 353.2
NO32_S	Nitrate/nitrite-EPA 353.2
PB_GFA	Lead (Pb)-furnace AAS
PB_GFS	Lead (Pb)-furnace AAS
PH_A	pH-EPA 150.1
PH_S	pH-EPA 150.1
SB_I_A	Antimony (Sb)-ICP
SB_I_S	Antimony (Sb)-ICP
SE_GFA	Selenium (Se)-furnace
SE_GFS	Selenium (Se)-furnace
TKN_A	Total Kjeldahl N-EPA 351.3
TKN_S	Total Kjeldahl N-EPA 351.3
TL_GFA	Thallium (Tl)-furnace
TL_GFS	Thallium (Tl)-furnace
TSS	Suspended solids-EPA 160.2
V_I_A	Vanadium (V)-ICP
V_I_S	Vanadium (V)-ICP
ZN_I_A	Zinc (Zn)-ICP
ZN_I_S	Zinc (Zn)-ICP

NYSDEC

NARRATIVE:

Analytical methods utilized during this project were largely U.S.EPA Contract Laboratory Program (CLP) methods. The exception to this are the inorganic wet chemical analyses.

This standard CAA laboratory report summarizes the non-CLP inorganic wet chemical analyses. CLP parameters are marked 'CLP' in this report.

CLP data packages for the metals and organic analyses follow.

Received: 03/31/87

REPORT
Results by Sample

Work Order # 87-03-242

SAMPLE ID R-986-027 SAMPLE # 01 FRACTIONS: A,B,D,E,F,G,H,I,J,K,L
Date & Time Collected 03/30/87 Category WATER

AG_I_A CLP mg/l	ALK_A 410 mg/l as CaCO3	AL_I_A CLP mg/l	AS_GFA CLP mg/l	BA_I_A CLP mg/l	BE_I_A CLP mg/l
BOD 166 mg/l	CA_I_A CLP mg/l	CD_I_A CLP mg/l	CNT_A 0.01 mg/l	COD 320 mg/l	CO_I_A CLP mg/l
CR_I_A CLP mg/l	CU_I_A CLP mg/l	DIG_AQ CLP date complete	ECLPMS CLP extraction date	ECLPPE CLP extraction date	FE_I_A CLP mg/l
HG_CVA CLP mg/l	K_I_A CLP mg/l	MG_I_A CLP mg/l	MN_I_A CLP mg/l	NA_I_A CLP mg/l	NH3_A 23 mg/l as N
NI_I_A CLP mg/l	NO32_A 0.60 mg/l as N	PB_GFA CLP mg/l	PH_A 7.22 pH units	SB_I_A CLP mg/l	SE_GFA CLP mg/l
TKN_A 24 mg/l as N	TL_GFA CLP mg/l	TSS 38 mg/l	V_I_A CLP mg/l	ZN_I_A CLP mg/l	

SAMPLE ID R-986-028 SAMPLE # 02 FRACTIONS: A,B,C,D
Date & Time Collected 03/30/87 Category SOIL

AG_I_S CLP ug/g (dry wt)	AL_I_S CLP ug/g (dry wt)	AS_GFS CLP ug/g (dry wt)	BA_I_S CLP ug/g (dry wt)	BE_I_S CLP ug/g (dry wt)	CA_I_S CLP ug/g (dry wt)
CD_I_S CLP ug/g (dry wt)	CNT_S 1.6 ug/g (dry wt)	CO_I_S CLP ug/g (dry wt)	CR_I_S CLP ug/g (dry wt)	CU_I_S CLP ug/g (dry wt)	DIGSOL CLP date complete
ECLPMS CLP extraction date	ECLPPE CLP extraction date	FE_I_S CLP ug/g (dry wt)	HG_CVS CLP ug/g (dry wt)	K_I_S CLP ug/g (dry wt)	MG_I_S CLP ug/g (dry wt)
MN_I_S CLP ug/g (dry wt)	MSCLPS CLP date complete	NA_I_S CLP ug/g (dry wt)	NH3_S 69 ug/g N (dry wt	NI_I_S CLP ug/g (dry wt)	NO32_S 4.3 ug/g N(dry wt)
PB_GFS CLP ug/g (dry wt)	PH_S 7.06 pH units	SB_I_S CLP ug/g (dry wt)	SE_GFS CLP ug/g (dry wt)	TKN_S 450 ug/g N(dry wt)	TL_GFS CLP ug/g (dry wt)

REPORT
Results by Sample

Work Order # 87-03-242
Continued From Above

V_I_S_____CLP	ZN_I_S_____CLP
ug/g (dry wt)	ug/g (dry wt)

Received: 03/31/87 04/30/87 17:44:49

NYSDEC

INORGANICS ANALYSES--LABORATORY CONTROL SAMPLE SUMMARY

Parameter	LCS	True Value (mg/l)	Analytical Value (mg/l)	Percent Recovery
Ammonia	EPA 284-3	0.56	0.577	103
Nitrate/Nitrite	EPA 378-3	0.06	0.059	98
Total Kjeldahl Nitrogen	EPA 284-8	5.28	5.44	103
Alkalinity	EPA 384-2	35	34.5	99
COD	EPA 1284-3	298	312	105
BOD	EPA 1284-3	5.05	4.41	87
Total Suspended Solids	EPA 1185-3	507	501	99

0315 NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER FOR LABORATORIES AND RESEARCH

PAGE 1 RESULTS OF EXAMINATION FINAL REPORT

SAMPLE ID: 891002457 SAMPLE RECEIVED:89/11/17/11 CHARGE: 5.00
PROGRAM: 110:STATE SUPERFUND ANALYTICAL SERVICES
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE:6056
POLITICAL SUBDIVISION:GAINESVILLE COUNTY:WYOMING
LATITUDE: . LONGITUDE: . Z DIRECTION:
LOCATION: (T)GAINSVILLE, ETE SANITATION LANDFILL (#961005)
DESCRIPTION:STANLEY RUTHERFORD RES., 4344 RTE 19, KITCHEN TAP
REPORTING LAB: 10:LABORATORY OF INORGANIC ANALYTICAL CHEMISTRY - ALBANY
TEST PATTERN: 10-001:SAFE DRINKING WATER ACT - METALS ONLY
SAMPLE TYPE: 120:PRIVATE WATER SUPPLY - DRILLED WELL
TIME OF SAMPLING: 89/11/14 13: DATE PRINTED:89/12/27

ANALYSIS: ICP-1 ICP GROUPING 1

PARAMETER	RESULT
MERCURY	< 0.2 MCG/L
ARSENIC	10. MCG/L
SELENIUM	< 5. MCG/L
LEAD	< 10. MCG/L
BERYLLIUM	< 1. MCG/L
SILVER	< 10. MCG/L
BARIUM	163. MCG/L
CADMIUM	< 5. MCG/L
COBALT	< 5. MCG/L
CHROMIUM	< 5. MCG/L
COPPER	< 5. MCG/L
IRON	478. MCG/L
MANGANESE	204. MCG/L
NICKEL	< 5. MCG/L
STRONTIUM	424. MCG/L
TITANIUM	< 5. MCG/L
VANADIUM	< 5. MCG/L
ZINC	27. MCG/L
MOLYBDENUM	< 20. MCG/L
ANTIMONY	< 50. MCG/L
TIN	< 50. MCG/L
THALLIUM	< 30. MCG/L
ALUMINUM	< 100. MCG/L
CALCIUM	53.9 MG/L
POTASSIUM	1.3 MG/L
MAGNESIUM	12.6 MG/L
SODIUM	16.9 MG/L

**** END OF REPORT ****

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BUFFALO, N.Y.

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0521 NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER FOR LABORATORIES AND RESEARCH

PAGE 1 RESULTS OF EXAMINATION FINAL REPORT

SAMPLE ID: 895015 SAMPLE RECEIVED:89/11/16/ CHARGE: 15.00
PROGRAM: 110:STATE SUPERFUND ANALYTICAL SERVICES
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE:5056
POLITICAL SUBDIVISION:CANISTEO COUNTY:STEUBEN
LATITUDE: . LONGITUDE: . 2 DIRECTION:
LOCATION: (T)GAINSVILLE, ETE SANITATION LF (#961005)
DESCRIPTION:STANLEY RUTHERFORD RES.,4344 RTE 19, KITCHEN TAP
REPORTING LAB: TOX:LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: VOL3:PURGEABLES - HALOGENATED AND AROMATICS
SAMPLE TYPE: 120:PRIVATE WATER SUPPLY - DRILLED WELL
TIME OF SAMPLING: 89/11/14 13: DATE PRINTED:89/12/01

ANALYSIS: VH05021 VOLATILE HALOGENATED ORGANICS (DES 310-29)
DATE PRINTED: 89/12/01 FINAL REPORT

----------PARAMETER----------	----------RESULT----------
CHLOROMETHANE	< 0.5 MCG/L
BROMOMETHANE	< 0.5 MCG/L
VINYL CHLORIDE	< 0.5 MCG/L
DICHLORODIFLUOROMETHANE (FREON-12)	< 0.5 MCG/L
CHLOROETHANE	< 0.5 MCG/L
METHYLENE CHLORIDE (DICHLOROMETHANE)	< 0.5 MCG/L
TRICHLOROFLUOROMETHANE (FREON-11)	< 0.5 MCG/L
1,1-DICHLOROETHENE	< 0.5 MCG/L
1,1-DICHLOROETHANE	< 0.5 MCG/L
TRANS-1,2-DICHLOROETHENE	< 0.5 MCG/L
CIS-1,2-DICHLOROETHENE	< 0.5 MCG/L
CHLOROFORM	< 0.5 MCG/L
1,2-DICHLOROETHANE	< 0.5 MCG/L
DIBROMOMETHANE	< 0.5 MCG/L
1,1,1-TRICHLOROETHANE	< 0.5 MCG/L
CARBON TETRACHLORIDE	< 0.5 MCG/L
BROMODICHLOROMETHANE	< 0.5 MCG/L
2,3-DICHLOROPROPENE	< 0.5 MCG/L
1,2-DICHLOROPROPANE	< 0.5 MCG/L
CIS-1,3-DICHLOROPROPENE	< 0.5 MCG/L
TRICHLOROETHENE	< 0.5 MCG/L
1,3-DICHLOROPROPANE	< 0.5 MCG/L
DIBROMOCHLOROMETHANE	< 0.5 MCG/L
TRANS-1,3-DICHLOROPROPENE	< 0.5 MCG/L
1,1,2-TRICHLOROETHANE	< 0.5 MCG/L
1,2-DIBROMOETHANE (EDB)	< 0.5 MCG/L
2-CHLOROETHYLVINYL ETHER	< 0.5 MCG/L
BROMOFORM	< 0.5 MCG/L
1,1,1,2-TETRACHLOROETHANE	< 0.5 MCG/L
1,2,3-TRICHLOROPROPANE	< 0.5 MCG/L

**** CONTINUED ON NEXT PAGE ****

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ROCHESTER, N.Y. 14608

0522 NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER FOR LABORATORIES AND RESEARCH

PAGE 2 RESULTS OF EXAMINATION FINAL REPORT

AMPLE ID: 895015 SAMPLE RECEIVED:89/11/16/ CHARGE: 15.00
POLITICAL SUBDIVISION:CANISTEO COUNTY:STEUBEN
LOCATION: (I)GAINSVILLE, ETE SANITATION LF (#961005)
IME OF SAMPLING: 89/11/14 13: DATE PRINTED:89/12/01

PARAMETER	RESULT
1,1,2,2-TETRACHLOROETHANE	< 0.5 MCG/L
TETRACHLOROETHENE	< 0.5 MCG/L
PENTACHLOROETHANE	< 0.5 MCG/L
1-CHLOROCYCLOHEXENE-1	< 0.5 MCG/L
CHLOROBENZENE	< 0.5 MCG/L
BIS(2-CHLOROETHYL)ETHER	< 0.5 MCG/L
1,2-DIBROMO-3-CHLOROPROPANE	< 0.5 MCG/L
BROMOBENZENE	< 0.5 MCG/L
O-CHLOROTOLUENE	< 0.5 MCG/L
BIS(2-CHLORO)SOPROPYL)ETHER	< 0.5 MCG/L
1,3-DICHLOROBENZENE	< 0.5 MCG/L
1,2-DICHLOROBENZENE	< 0.5 MCG/L
1,4-DICHLOROBENZENE	< 0.5 MCG/L

NALYSIS: 5031 AROMATIC PURGEABLES, EPA METHOD 503.1 (DES 310-22)
DATE PRINTED: 89/12/01 FINAL REPORT

PARAMETER	RESULT
BENZENE	< 0.5 MCG/L
TOLUENE	< 0.5 MCG/L
ETHYLBENZENE	< 0.5 MCG/L
P-XYLENE	< 0.5 MCG/L
M-XYLENE	< 0.5 MCG/L
O-XYLENE	< 0.5 MCG/L
CUMENE	< 0.5 MCG/L
STYRENE	< 0.5 MCG/L
P-BROMOFLUOROBENZENE	< 0.5 MCG/L
N-PROPYLBENZENE	< 0.5 MCG/L
TERT-BUTYLBENZENE	< 0.5 MCG/L
P-CHLOROTOLUENE	< 0.5 MCG/L
M-CHLOROTOLUENE	< 0.5 MCG/L
1,3,5-TRIMETHYLBENZENE	< 0.5 MCG/L
1,2,4-TRIMETHYLBENZENE	< 0.5 MCG/L
P-CYMENE	< 0.5 MCG/L
CYCLOPROPYLBENZENE	< 0.5 MCG/L
SEC-BUTYLBENZENE	< 0.5 MCG/L
N-BUTYLBENZENE	< 0.5 MCG/L
2,3-BENZOFURAN	< 0.5 MCG/L
HEXACHLOROBUTADIENE (C-46)	< 0.5 MCG/L
1,2,4-TRICHLOROBENZENE	< 0.5 MCG/L
NAPHTHALENE	< 0.5 MCG/L
1,2,3-TRICHLOROBENZENE	< 0.5 MCG/L
PH OF AROMATIC ALIQUOT	2.

**** END OF REPORT ****

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WADSWORTH CENTER FOR LABORATORIES AND RESEARCH

PAGE 1 RESULTS OF EXAMINATION FINAL REPORT

SAMPLE ID: 891002459 SAMPLE RECEIVED:89/11/17/11 CHARGE: 5.00
PROGRAM: 110:STATE SUPERFUND ANALYTICAL SERVICES
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE:6056
POLITICAL SUBDIVISION:GAINESVILLE COUNTY:WYOMING
LATITUDE: . LONGITUDE: . Z DIRECTION:
LOCATION: (I)GAINSVILLE, ETE SANITATION LANDFILL (#961005)
DESCRIPTION:MR&MRS WILLIAM SAFFORD RES.,5342 BROUGHTON RD.,KITCHEN TAP
REPORTING LAB: 10:LABORATORY OF INORGANIC ANALYTICAL CHEMISTRY - ALBANY
TEST PATTERN: 10-001:SAFE DRINKING WATER ACT - METALS ONLY
SAMPLE TYPE: 120:PRIVATE WATER SUPPLY - DRILLED WELL
TIME OF SAMPLING: 89/11/14 11:45 DATE PRINTED:89/12/27

ANALYSIS: ICP-1 ICP GROUPING 1

PARAMETER	RESULT
MERCURY	< 0.2 MCG/L
ARSENIC	< 10. MCG/L
SELENIUM	< 5. MCG/L
LEAD	< 10. MCG/L
BERYLLIUM	< 1. MCG/L
SILVER	< 10. MCG/L
BARIUM	131. MCG/L
CADMIUM	< 5. MCG/L
COBALT	< 5. MCG/L
CHROMIUM	< 5. MCG/L
COPPER	19. MCG/L
IRON	53. MCG/L
MANGANESE	< 5. MCG/L
NICKEL	< 5. MCG/L
STRONTIUM	130. MCG/L
TITANIUM	< 5. MCG/L
VANADIUM	< 5. MCG/L
ZINC	13. MCG/L
MOLYBDENUM	< 20. MCG/L
ANTIMONY	< 50. MCG/L
TIN	< 50. MCG/L
THALLIUM	< 30. MCG/L
ALUMINUM	< 100. MCG/L
CALCIUM	91.5 MG/L
POTASSIUM	1.3 MG/L
MAGNESIUM	23.0 MG/L
SODIUM	50.5 MG/L

**** END OF REPORT ****

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WADSWORTH CENTER FOR LABORATORIES AND RESEARCH

PAGE 1 RESULTS OF EXAMINATION FINAL REPORT

SAMPLE ID: 895013 SAMPLE RECEIVED:89/11/16/ CHARGE: 15.00
PROGRAM: 110:STATE SUPERFUND ANALYTICAL SERVICES
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE:6056
POLITICAL SUBDIVISION:GAINESVILLE COUNTY:WYOMING
LATITUDE: . LONGITUDE: . Z DIRECTION:
LOCATION: (1)GAINSVILLE, ETE SANITATION LANDFILL (#961005)
DESCRIPTION:MR & MRS WILLIAM SAFFORD RES.,5342 BROUGHTON RD.,
DESCRIPTION:PRIVATE WELL KTICHEN TAP WATER
REPORTING LAB: TOX:LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: VOL3:PURGEABLES - HALOGENATED AND AROMATICS
SAMPLE TYPE: 126:PRIVATE WATER SUPPLY - DRILLED WELL
TIME OF SAMPLING: 89/11/14 11:45 DATE PRINTED:89/12/01

ANALYSIS: VHC5021 VOLATILE HALOGENATED ORGANICS (DES 310-29)
DATE PRINTED: 89/12/01 FINAL REPORT

PARAMETER	RESULT
CHLOROMETHANE	< 0.5 MCG/L
BROMOMETHANE	< 0.5 MCG/L
VINYL CHLORIDE	< 0.5 MCG/L
DICHLORODIFLUOROMETHANE (FREON-12)	< 0.5 MCG/L
CHLOROETHANE	< 0.5 MCG/L
METHYLENE CHLORIDE (DICHLOROMETHANE)	< 0.5 MCG/L
TRICHLOROFLUOROMETHANE (FREON-11)	< 0.5 MCG/L
1,1-DICHLOROETHENE	< 0.5 MCG/L
1,1-DICHLOROETHANE	< 0.5 MCG/L
TRANS-1,2-DICHLOROETHENE	< 0.5 MCG/L
CIS-1,2-DICHLOROETHENE	< 0.5 MCG/L
CHLOROFORM	< 0.5 MCG/L
1,2-DICHLOROETHANE	< 0.5 MCG/L
DIBROMOMETHANE	< 0.5 MCG/L
1,1,1-TRICHLOROETHANE	< 0.5 MCG/L
CARBON TETRACHLORIDE	< 0.5 MCG/L
BROMODICHLOROMETHANE	< 0.5 MCG/L
2,3-DICHLOROPROPENE	< 0.5 MCG/L
1,2-DICHLOROPROPANE	< 0.5 MCG/L
CIS-1,3-DICHLOROPROPENE	< 0.5 MCG/L
TRICHLOROETHENE	< 0.5 MCG/L
1,3-DICHLOROPROPANE	< 0.5 MCG/L
DIBROMOCHLOROMETHANE	< 0.5 MCG/L
TRANS-1,3-DICHLOROPROPENE	< 0.5 MCG/L
1,1,2-TRICHLOROETHANE	< 0.5 MCG/L
1,2-DIBROMOETHANE (EDB)	< 0.5 MCG/L
2-CHLOROETHYLVINYL ETHER	< 0.5 MCG/L
BROMOFORM	< 0.5 MCG/L
1,1,1,2-TETRACHLOROETHANE	< 0.5 MCG/L

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WADSWORTH CENTER FOR LABORATORIES AND RESEARCH

 RESULTS OF EXAMINATION FINAL REPORT

SAMPLE ID: 895013 SAMPLE RECEIVED:89/11/16/ CHARGE: 15.00
POLITICAL SUBDIVISION:GAINESVILLE COUNTY:WYOMING
LOCATION: (1)GAINSVILLE, ETE SANITATION LANDFILL (#961005)
TIME OF SAMPLING: 89/11/14 11:45 DATE PRINTED:89/12/01

PARAMETER	RESULT
1,2,3-TRICHLOROPROPANE	< 0.5 MCG/L
1,1,2,2-TETRACHLOROETHANE	< 0.5 MCG/L
TETRACHLOROETHENE	< 0.5 MCG/L
PENTACHLOROETHANE	< 0.5 MCG/L
1-CHLOROCYCLOHEXENE-1	< 0.5 MCG/L
CHLOROBENZENE	< 0.5 MCG/L
BIS(2-CHLOROETHYL)ETHER	< 0.5 MCG/L
1,2-DIBROMO-3-CHLOROPROPANE	< 0.5 MCG/L
BROMOBENZENE	< 0.5 MCG/L
O-CHLOROTOLUENE	< 0.5 MCG/L
BIS(2-CHLOROISOPROPYL)ETHER	< 0.5 MCG/L
1,3-DICHLOROBENZENE	< 0.5 MCG/L
1,2-DICHLOROBENZENE	< 0.5 MCG/L
1,4-DICHLOROBENZENE	< 0.5 MCG/L

ANALYSIS: 5031 AROMATIC PURGEABLES, EPA METHOD 503.1 (DES 310-22)
DATE PRINTED: 89/12/01 FINAL REPORT

PARAMETER	RESULT
BENZENE	< 0.5 MCG/L
TOLUENE	< 0.5 MCG/L
ETHYLBENZENE	< 0.5 MCG/L
P-XYLENE	< 0.5 MCG/L
M-XYLENE	< 0.5 MCG/L
O-XYLENE	< 0.5 MCG/L
CUMENE	< 0.5 MCG/L
STYRENE	< 0.5 MCG/L
P-BROMOFLUOROBENZENE	< 0.5 MCG/L
N-PROPYLBENZENE	< 0.5 MCG/L
TERT-BUTYLBENZENE	< 0.5 MCG/L
P-CHLOROTOLUENE	< 0.5 MCG/L
M-CHLOROTOLUENE	< 0.5 MCG/L
1,3,5-TRIMETHYLBENZENE	< 0.5 MCG/L
1,2,4-TRIMETHYLBENZENE	< 0.5 MCG/L
P-CYMENE	< 0.5 MCG/L
CYCLOPROPYLBENZENE	< 0.5 MCG/L
SEC-BUTYLBENZENE	< 0.5 MCG/L
N-BUTYLBENZENE	< 0.5 MCG/L
2,3-BENZOFURAN	< 0.5 MCG/L
HEXACHLOROBUTADIENE (C-46)	< 0.5 MCG/L
1,2,4-TRICHLOROBENZENE	< 0.5 MCG/L
NAPHTHALENE	< 0.5 MCG/L
1,2,3-TRICHLOROBENZENE	< 0.5 MCG/L
PH OF AROMATIC ALIQUOT	2.

**** END OF REPORT ****

0316 NEW YORK STATE DEPARTMENT OF HEALTH
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PAGE 1 RESULTS OF EXAMINATION FINAL REPORT

SAMPLE ID: 891002458 SAMPLE RECEIVED:89/11/17/11 CHARGE: 5.00
PROGRAM: 110:STATE SUPERFUND ANALYTICAL SERVICES
SOURCE ID: DRAINAGE BASIN: GAZEITEER CODE:6056
POLITICAL SUBDIVISION:GAINESVILLE COUNTY:WYOMING
LATITUDE: . LONGITUDE: . Z DIRECTION:
LOCATION: (1)GAINSVILLE, ETE SANITATION LANDFILL (#961005)
DESCRIPTION:AVIS SAFFORD RES., 5284 BROUGHTON RD.,KITCHEN TAP
REPORTING LAB: 10:LABORATORY OF INORGANIC ANALYTICAL CHEMISTRY - ALBANY
TEST PATTERN: 10-001:SAFE DRINKING WATER ACI - METALS ONLY
SAMPLE TYPE: 120:PRIVATE WATER SUPPLY - DRILLED WELL
TIME OF SAMPLING: 89/11/14 12:30 DATE PRINTED:89/12/27

ANALYSIS: ICP-1 ICP GROUPING 1

----------PARAMETER----------	----------RESULT----------
MERCURY	< 0.2 MCG/L
ARSENIC	< 10. MCG/L
SELENIUM	< 5. MCG/L
LEAD	< 10. MCG/L
BERYLLIUM	< 1. MCG/L
SILVER	< 10. MCG/L
BARIUM	102. MCG/L
CADMIUM	< 5. MCG/L
COBALT	< 5. MCG/L
CHROMIUM	< 5. MCG/L
COPPER	< 5. MCG/L
IRON	987. MCG/L
MANGANESE	64. MCG/L
NICKEL	< 5. MCG/L
STRONTIUM	201. MCG/L
TITANIUM	< 5. MCG/L
VANADIUM	< 5. MCG/L
ZINC	84. MCG/L
MOLYBDENUM	31. MCG/L
ANTIMONY	< 50. MCG/L
TIN	< 50. MCG/L
THALLIUM	< 30. MCG/L
ALUMINUM	< 100. MCG/L
CALCIUM	44.0 MG/L
POTASSIUM	1.1 MG/L
MAGNESIUM	12.4 MG/L
SODIUM	7.9 MG/L

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PAGE 1 RESULTS OF EXAMINATION FINAL REPORT

SAMPLE ID: 895014 SAMPLE RECEIVED:89/11/16/ CHARGE: 15.00
PROGRAM: 110:STATE SUPERFUND ANALYTICAL SERVICES
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE:5056
POLITICAL SUBDIVISION:CANISTEO COUNTY:STEUBEN
LATITUDE: . LONGITUDE: . Z DIRECTION:
LOCATION: (I)GAINSVILLE, ETE SANITATION LF (#961005)
DESCRIPTION:AVIS GAFFORD RES.,5284 BROUGHTON RD., KITCHEN TAP
REPORTING LAB: TOX:LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: VOL3:PURGEABLES - HALOGENATED AND AROMATICS
SAMPLE TYPE: 120:PRIVATE WATER SUPPLY - DRILLED WELL
TIME OF SAMPLING: 89/11/14 12:30 DATE PRINTED:89/12/01

ANALYSIS: VH05021 VOLATILE HALOGENATED ORGANICS (DES 310-29)
DATE PRINTED: 89/12/01 FINAL REPORT

----------PARAMETER----------	----------RESULT----------
CHLOROMETHANE	< 0.5 MCG/L
BROMOMETHANE	< 0.5 MCG/L
VINYL CHLORIDE	< 0.5 MCG/L
DICHLORODIFLUOROMETHANE (FREON-12)	< 0.5 MCG/L
CHLOROETHANE	< 0.5 MCG/L
METHYLENE CHLORIDE (DICHLOROMETHANE)	< 0.5 MCG/L
TRICHLOROFLUOROMETHANE (FREON-11)	< 0.5 MCG/L
1,1-DICHLOROETHENE	< 0.5 MCG/L
1,1-DICHLOROETHANE	< 0.5 MCG/L
TRANS-1,2-DICHLOROETHENE	< 0.5 MCG/L
CIS-1,2-DICHLOROETHENE	< 0.5 MCG/L
CHLOROFORM	< 0.5 MCG/L
1,2-DICHLOROETHANE	< 0.5 MCG/L
DIBROMOMETHANE	< 0.5 MCG/L
1,1,1-TRICHLOROETHANE	< 0.5 MCG/L
CARBON TETRACHLORIDE	< 0.5 MCG/L
BROMODICHLOROMETHANE	< 0.5 MCG/L
2,3-DICHLOROPROPENE	< 0.5 MCG/L
1,2-DICHLOROPROPANE	< 0.5 MCG/L
CIS-1,3-DICHLOROPROPENE	< 0.5 MCG/L
TRICHLOROETHENE	< 0.5 MCG/L
1,3-DICHLOROPROPANE	< 0.5 MCG/L
DIBROMOCHLOROMETHANE	< 0.5 MCG/L
TRANS-1,3-DICHLOROPROPENE	< 0.5 MCG/L
1,1,2-TRICHLOROETHANE	< 0.5 MCG/L
1,2-DIBROMOETHANE (EDB)	< 0.5 MCG/L
2-CHLOROETHYLVINYL ETHER	< 0.5 MCG/L
BROMOFORM	< 0.5 MCG/L
1,1,1,2-TETRACHLOROETHANE	< 0.5 MCG/L
1,2,3-TRICHLOROPROPANE	< 0.5 MCG/L

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0520 NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER FOR LABORATORIES AND RESEARCH

 RESULTS OF EXAMINATION FINAL REPORT

SAMPLE ID: B95014 SAMPLE RECEIVED:89/11/16/ CHARGE: 15.00
POLITICAL SUBDIVISION:CANISTEO COUNTY:STEUBEN
LOCATION: (I)GAINSVILLE, LTE SANITATION LF (#961005)
TIME OF SAMPLING: 89/11/14 12:30 DATE PRINTED:89/12/01

PARAMETER	RESULT
1,1,2,2-TETRACHLOROETHANE	< 0.5 MCG/L
TETRACHLOROETHENE	< 0.5 MCG/L
PENTACHLOROETHANE	< 0.5 MCG/L
1-CHLOROCYCLOHEXENE-1	< 0.5 MCG/L
CHLOROBENZENE	< 0.5 MCG/L
BIS(2-CHLOROETHYL)ETHER	< 0.5 MCG/L
1,2-DIBROMO-3-CHLOROPROPANE	< 0.5 MCG/L
BROMOBENZENE	< 0.5 MCG/L
O-CHLOROTOLUENE	< 0.5 MCG/L
BIS(2-CHLOROISOPROPYL)ETHER	< 0.5 MCG/L
1,3-DICHLOROBENZENE	< 0.5 MCG/L
1,2-DICHLOROBENZENE	< 0.5 MCG/L
1,4-DICHLOROBENZENE	< 0.5 MCG/L

ANALYSIS: 5031 AROMATIC PURGEABLES, EPA METHOD 503.1 (DES 310-22)
DATE PRINTED: 89/12/01 FINAL REPORT

PARAMETER	RESULT
BENZENE	< 0.5 MCG/L
TOLUENE	< 0.5 MCG/L
ETHYLBENZENE	< 0.5 MCG/L
P-XYLENE	< 0.5 MCG/L
M-XYLENE	< 0.5 MCG/L
O-XYLENE	< 0.5 MCG/L
CUMENE	< 0.5 MCG/L
STYRENE	< 0.5 MCG/L
P-BROMOFLUOROBENZENE	< 0.5 MCG/L
N-PROPYLBENZENE	< 0.5 MCG/L
TERT-BUTYLBENZENE	< 0.5 MCG/L
P-CHLOROTOLUENE	< 0.5 MCG/L
M-CHLOROTOLUENE	< 0.5 MCG/L
1,3,5-TRIMETHYLBENZENE	< 0.5 MCG/L
1,2,4-TRIMETHYLBENZENE	< 0.5 MCG/L
P-CYMENE	< 0.5 MCG/L
CYCLOPROPYLBENZENE	< 0.5 MCG/L
SEC-BUTYLBENZENE	< 0.5 MCG/L
N-BUTYLBENZENE	< 0.5 MCG/L
2,3-BENZOFURAN	< 0.5 MCG/L
HEXACHLOROBUTADIENE (C-46)	< 0.5 MCG/L
1,2,4-TRICHLOROBENZENE	< 0.5 MCG/L
NAPHTHALENE	< 0.5 MCG/L
1,2,3-TRICHLOROBENZENE	< 0.5 MCG/L
PH OF AROMATIC ALIQUOT	2.

**** END OF REPORT ****

0575 NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER FOR LABORATORIES AND RESEARCH

PAGE 1 RESULT OF EXAMINATION FINAL REPORT

SAMPLE ID: [illegible] DATE OF RECEIPT:[illegible] CHARGE: 7.00
PROGRAM: [illegible] SUPERFUND [illegible] SERVICES
SOURCE ID: [illegible] GAZETTEER CODE:6050
POLITICAL SUBDIVISION:ORANGEVILLE COUNTY:WYOMING
LATITUDE: . LONGITUDE: . Z DIRECTION:
LOCATION: (T)ORANGEVILLE, [illegible] LANDFILL (#961005)
DESCRIPTION:SOIL #?, SURFACE AT DRUM DISPOSAL AREA
REPORTING LAB: LABORATORY OF INORGANIC ANALYTICAL CHEMISTRY - ALBANY
TEST PATTERN: [illegible]-035:METALS IN SOLID MATERIAL
SAMPLE TYPE: SOIL, GRAB
TIME OF SAMPLING: [illegible]/11/[illegible] 11: DATE PRINTED:[illegible]/01/83

PARAMETER	RESULT
SOLIDS, DRY	73. PERCENT
ARSENIC IN DRY SOLIDS	3.5 MCG/G
MERCURY IN DRY SOLIDS	0.03 MCG/G
SELENIUM IN DRY SOLIDS	< 0.5 MCG/G
BERYLLIUM IN DRY SOLIDS	< [illegible] MCG/G
SILVER IN DRY SOLIDS	< 4. MCG/G
BARIUM IN DRY SOLIDS	74. MCG/G
CADMIUM IN DRY SOLIDS	< 2. MCG/G
COBALT IN DRY SOLIDS	5.[illegible] MCG/G
CHROMIUM IN DRY SOLIDS	14. MCG/G
COPPER IN DRY SOLIDS	23. MCG/G
IRON IN DRY SOLIDS	23500. MCG/G
MANGANESE IN DRY SOLIDS	415. MCG/G
NICKEL IN DRY SOLIDS	16. MCG/G
STRONTIUM IN DRY SOLIDS	31. MCG/G
TITANIUM IN DRY SOLIDS	132. MCG/G
VANADIUM IN DRY SOLIDS	18. MCG/G
ZINC IN DRY SOLIDS	408. MCG/G
MOLYBDENUM IN DRY SOLIDS	< 5. MCG/G
LEAD IN DRY SOLIDS	75. MCG/G
ANTIMONY IN DRY SOLIDS	< 20. MCG/G
TIN IN DRY SOLIDS	< 20. MCG/G
THALLIUM IN DRY SOLIDS	< 10. MCG/G
ALUMINUM IN DRY SOLIDS	8370. MCG/G
CALCIUM IN DRY SOLIDS	22400. MCG/G
POTASSIUM IN DRY SOLIDS	1760. MCG/G
MAGNESIUM IN DRY SOLIDS	7980. MCG/G
SODIUM IN DRY SOLIDS	1160. MCG/G
DIGESTION OF SOLIDS FOR METALS	DONE
DIGESTION OF SOLIDS FOR HG	DONE

**** END OF REPORT ****

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SAMPLE ID: 895012 SAMPLE RECEIVED: 89/11/16/ CHARGE: 71.50
PROGRAM: 110: STATE SUPERFUND ANALYTICAL SERVICES
SOURCE ID: DRAINAGE BASIN: GAZETTEER COD: 6056
POLITICAL SUBDIVISION: GAINESVILLE COUNTY: WYOMING
LATITUDE: LONGITUDE: 2 DIRECTION:
LOCATION: (1)GAINSVILLE, ETE SANITATION LANDFILL (#961005)
DESCRIPTION: SOIL#2, SURFACE AT DRUM DISPOSAL AREA
REPORTING LAB: TOX: LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: VOL3SOIL: PURGEABLE HALO-ORGANICS - SOIL/SEDIMENT (CES 312-4)
SAMPLE TYPE: 600: SOIL, SAND
TIME OF SAMPLING: 89/11/14 11: DATE PRINTED: 90/01/05

ANALYSIS: MHOS021S VOLATILE HALOGENATED ORGANICS-SOIL/SED. (DES 312-4)
DATE REPORTED: 89/12/08 REPORT MAILED OUT

PARAMETER	RESULT
CHLOROMETHANE	[ND]
BROMOMETHANE	[ND]
VINYL CHLORIDE	[ND]
DICHLORODIFLUOROMETHANE (FREON-12)	[ND]
CHLOROETHANE	[ND]
METHYLENE CHLORIDE (DICHLOROMETHANE)	< 0.08 MCG/G
TRICHLOROFLUOROMETHANE (FREON-11)	< 0.08 MCG/G
1,1-DICHLOROETHENE	< 0.08 MCG/G
1,1-DICHLOROETHANE	< 0.08 MCG/G
TRANS-1,2-DICHLOROETHENE	< 0.08 MCG/G
CIS-1,2-DICHLOROETHENE	< 0.08 MCG/G
CHLOROFORM	< 0.08 MCG/G
1,2-DICHLOROETHANE	< 0.08 MCG/G
DIBROMOMETHANE	[ND]
1,1,1-TRICHLOROETHANE	< 0.08 MCG/G
CARBON TETRACHLORIDE	< 0.08 MCG/G
BROMODICHLOROMETHANE	< 0.08 MCG/G
CIS-1,3-DICHLOROPROPENE	< 0.08 MCG/G
1,2-DICHLOROPROPANE	< 0.08 MCG/G
TRANS-1,3-DICHLOROPROPENE	< 0.08 MCG/G
TRICHLOROETHENE	< 0.08 MCG/G
1,3-DICHLOROPROPANE	< 0.08 MCG/G
DIBROMOCHLOROMETHANE	< 0.08 MCG/G
TRANS-1,3-DICHLOROPROPENE	< 0.08 MCG/G
1,1,2-TRICHLOROETHANE	< 0.08 MCG/G
1,2-DIBROMOETHANE (EDB)	< 0.08 MCG/G
2-CHLOROETHYL VINYL ETHER	[ND]
BROMOFORM	< 0.08 MCG/G
1,1,1,2-TETRACHLOROETHANE	< 0.08 MCG/G
1,2,3-TRICHLOROPROPANE	< 0.08 MCG/G

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SUBMITTED BY: WEISS

(29)

SAMPLE ID: 895012 SAMPLE RECEIVED: 89/11/14 CHARGE: 41.50
POLITICAL SUBDIVISION: GAINESVILLE COUNTY: WYOMING
LOCATION: (1) GAINSVILLE, ERE SANITATION LANDFILL (#961005)
TIME OF SAMPLING: 89/11/14 11: DATE PRINTED: 90/01/05

PARAMETER	RESULT
1,1,2,2-TETRACHLOROETHANE	< 0.08 MCG/G
TETRACHLOROETHENE	< 0.08 MCG/G
PENTACHLOROETHANE	< 0.08 MCG/G
1-CHLOROCYCLOHEXENE-1	(ND)
CHLOROBENZENE	< 0.08 MCG/G
BIS(2-CHLOROETHYL)ETHER	(ND)
1,2-DIBROMO-3-CHLOROPROPANE	(ND)
BROMOBENZENE	< 0.08 MCG/G
O-CHLOROTOLUENE	< 0.08 MCG/G
BIS(2-CHLOROISOPROPYL)ETHER	(ND)
1,3-DICHLOROBENZENE	< 0.08 MCG/G
1,2-DICHLOROBENZENE	< 0.08 MCG/G
1,4-DICHLOROBENZENE	< 0.08 MCG/G

ANALYSIS: 50315 VOLATILE ORGANICS - SOIL/SEDIMENT (DES 3/2-4)
DATE REPORTED: 89/12/06 REPORT MAILED OUT

PARAMETER	RESULT
BENZENE	< 0.08 MCG/G
TOLUENE	< 0.08 MCG/G
ETHYLBENZENE	< 0.08 MCG/G
P-XYLENE	< 0.08 MCG/G
M-XYLENE	< 0.08 MCG/G
O-XYLENE	< 0.08 MCG/G
CUMENE	< 0.08 MCG/G
STYRENE	< 0.08 MCG/G
P-BROMOFLUOROBENZENE	< 0.08 MCG/G
N-PROPYLBENZENE	< 0.08 MCG/G
TERT-BUTYLBENZENE	< 0.08 MCG/G
M/P-CHLOROTOLUENE	< 0.08 MCG/G
O-CHLOROTOLUENE	< 0.08 MCG/G
1,3,5-TRIMETHYLBENZENE	< 0.08 MCG/G
1,2,4-TRIMETHYLBENZENE	< 0.08 MCG/G
P-CYMENE	< 0.08 MCG/G
CYCLOPROPYLBENZENE	< 0.08 MCG/G
SEC-BUTYLBENZENE	< 0.08 MCG/G
N-BUTYLBENZENE	< 0.08 MCG/G
2,3-BENZOFURAN	< 0.08 MCG/G
HEXACHLOROBUTADIENE (C-46)	< 0.08 MCG/G
1,2,4-TRICHLOROBENZENE	< 0.08 MCG/G
NAPHTHALENE	< 0.08 MCG/G
1,2,3-TRICHLOROBENZENE	< 0.08 MCG/G

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PAGE 3 RESULTS OF EXAMINATION FINAL REPORT

SAMPLE ID: 895012 SAMPLE RECEIVED: 89/11/16 CHARGE: A1.50
POLITICAL SUBDIVISION: GAINESVILLE COUNTY: WYOMING
LOCATION: (T)GAINSVILLE, ETE SANITATION LANDFILL (#961005)
TIME OF SAMPLING: 89/11/14 11: DATE PRINTED: 90/01/05

FOLLOWING PARAMETERS NOT PART OF TEST PATTERN

ANALYSIS: XPESTPS PESTICIDES & PCB's - SOIL/SEDIMENT (DFS 312-2)
DATE REPORTED: 89/12/08 REPORT MAILED OUT

PARAMETER	RESULT
HCH, ALPHA	< 0.0003 MCG/G
HCH, BETA	< 0.0008 MCG/G
HCH, GAMMA (LINDANE)	< 0.0003 MCG/G
HCH, DELTA	< 0.0008 MCG/G
HEPTACHLOR	< 0.001 MCG/G
ALDRIN	< 0.0004 MCG/G
HEPTACHLOR EPOXIDE	< 0.001 MCG/G
ENDOSULFAN I	< 0.001 MCG/G
4,4'-DDE	< 0.001 MCG/G
DIELDRIN	< 0.0004 MCG/G
ENDRIN	< 0.0004 MCG/G
4,4'-DDD	0.001 MCG/G [PL]
ENDOSULFAN II	< 0.001 MCG/G
ENDRIN ALDEHYDE	< 0.0004 MCG/G
ENDOSULFAN SULFATE	< 0.001 MCG/G
4,4'-DDT	< 0.001 MCG/G
METHOXYCHLOR	< 0.02 MCG/G
TOXAPHENE	< 0.02 MCG/G
CHLORDANE	< 0.002 MCG/G
MIREX	< 0.001 MCG/G
PCB, AROCLOR 1221	< 0.001 MCG/G
PCB, AROCLOR 1016/1242	< 0.001 MCG/G
PCB, AROCLOR 1248	< 0.001 MCG/G
PCB, AROCLOR 1254	< 0.001 MCG/G
PCB, AROCLOR 1260	< 0.001 MCG/G

ANALYSIS: 625AS ACIDS - STEAM DISTILLED (DFS 312-5)
DATE PRINTED: 90/01/05 FINAL REPORT

PARAMETER	RESULT
PHENOL	< 0.05 MCG/G
2-CHLOROPHENOL	< 0.05 MCG/G
2-NITROPHENOL	< 0.05 MCG/G
2,4-DIMETHYLPHENOL	< 0.05 MCG/G
2,4-DICHLOROPHENOL	< 0.05 MCG/G
4-CHLORO-3-METHYLPHENOL	< 0.05 MCG/G
2,4,6-TRICHLOROPHENOL	< 0.05 MCG/G
2,4,5-TRICHLOROPHENOL	< 0.05 MCG/G
2,4-DINITROPHENOL	< 0.05 MCG/G
4-NITROPHENOL	< 0.05 MCG/G
2-METHYL-4,6-DINITROPHENOL	< 0.05 MCG/G
PENTACHLOROPHENOL	< 0.05 MCG/G

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PAGE 4 RESULTS OF EXAMINATION FINAL REPORT

SAMPLE ID: 8P5012 SAMPLE RECEIVED: 89/11/16 CHARGE: $1.50
POLITICAL SUBDIVISION: GAINESVILLE COUNTY: WYOMING
LOCATION: T1GAINSVILLE, ETE SANITATION LANDFILL (NY61005)
TIME OF SAMPLING: 89/11/14 11: DATE PRINTED: 90/01/05

ANALYSIS: 625BNS BASE/NEUTRALS - STEAM DISTILLED (DES 312-3)
DATE PRINTED: 90/01/05 FINAL REPORT

PARAMETER	RESULT
N-NITROSODI-N-PROPYLAMINE	< 0.05 MCG/G
HEXACHLOROETHANE	< 0.05 MCG/G
NITROBENZENE	< 0.05 MCG/G
ISOPHORONE	< 0.05 MCG/G
BIS(2-CHLOROETHOXY)METHANE	< 0.05 MCG/G
HEXACHLOROCYCLOPENTADIENE (C-56)	< 0.05 MCG/G
2-CHLORONAPHTHALENE	< 0.05 MCG/G
2,6-DINITROTOLUENE	< 0.05 MCG/G
ACENAPHTHYLENE	< 0.05 MCG/G
DIMETHYLPHTHALATE	< 0.05 MCG/G
ACENAPHTHENE	< 0.05 MCG/G
2,4-DINITROTOLUENE	< 0.05 MCG/G
DIETHYLPHTHALATE	< 0.05 MCG/G
FLUORENE	< 0.05 MCG/G
N-NITROSODIPHENYLAMINE	< 0.05 MCG/G
1,2-DIPHENYLHYDRAZINE	< 0.05 MCG/G
4-BROMOPHENYL PHENYL ETHER	< 0.05 MCG/G
HEXACHLOROBENZENE	< 0.05 MCG/G
PHENANTHRENE	< 0.05 MCG/G
ANTHRACENE	< 0.05 MCG/G
DI-N-BUTYL PHTHALATE	< 0.05 MCG/G
FLUORANTHENE	< 0.05 MCG/G
PYRENE	< 0.05 MCG/G
BENZIDINE	< 0.05 MCG/G
BUTYL BENZYL PHTHALATE	< 0.05 MCG/G
BENZO(a)ANTHRACENE	< 0.05 MCG/G
3,3'-DICHLOROBENZIDINE	< 0.05 MCG/G
CHRYSENE	< 0.05 MCG/G
BIS(2-ETHYLHEXYL)PHTHALATE	< 0.05 MCG/G
DI-N-OCTYL PHTHALATE	< 0.05 MCG/G
BENZO(b)FLUORANTHENE	< 0.05 MCG/G
BENZO(k)FLUORANTHENE	< 0.05 MCG/G
BENZO(a)PYRENE	< 0.05 MCG/G
INDENO(1,2,3-cd)PYRENE	< 0.05 MCG/G
DIBENZO(ah)ANTHRACENE	< 0.05 MCG/G
BENZO(ghi)PERYLENE	< 0.05 MCG/G

**** END OF REPORT ****

0374 [illegible]
[illegible]

PAGE 1 [illegible] FINAL REPORT

SAMPLE ID: [illegible] [illegible] CHARGE: 7.00
PROGRAM: [illegible]
SOURCE ID: [illegible] GAZETTEER CODE:6056
POLITICAL SUBDIVISION:[illegible] COUNTY:WYOMING
LATITUDE: . LONGITUDE: . Z DIRECTION:
LOCATION: [illegible] (#961005)
DESCRIPTION:SOIL [illegible], SURFACE [illegible] DISPOSAL [illegible]
REPORTING LAB: [illegible] INORGANIC ANALYTICAL CHEMISTRY - ALBANY
TEST PATTERN: [illegible]
SAMPLE TYPE: [illegible]
TIME OF [illegible] DATE PRINTED:90/01/03

PARAMETER	RESULT
SOLIDS, DRY	[illegible]. PERCENT
ARSENIC IN DRY SOLIDS	[illegible] MCG/G
MERCURY IN DRY SOLIDS	[illegible] MCG/G
SELENIUM IN DRY SOLIDS	< [illegible] MCG/G
BERYLLIUM IN DRY SOLIDS	[illegible] MCG/G
SILVER IN DRY SOLIDS	< [illegible]. MCG/G
BARIUM IN DRY SOLIDS	6[illegible]. MCG/G
CADMIUM IN DRY SOLIDS	< 1. MCG/G
COBALT IN DRY SOLIDS	6.5 MCG/G
CHROMIUM IN DRY SOLIDS	[illegible]. MCG/G
COPPER IN DRY SOLIDS	5[illegible]. MCG/G
IRON IN DRY SOLIDS	24[illegible]. MCG/G
MANGANESE IN DRY SOLIDS	268. MCG/G
NICKEL IN DRY SOLIDS	2[illegible]. MCG/G
STRONTIUM IN DRY SOLIDS	< 20. MCG/G
TITANIUM IN DRY SOLIDS	12[illegible]. MCG/G
VANADIUM IN DRY SOLIDS	24. MCG/G
ZINC IN DRY SOLIDS	[illegible]. MCG/G
MOLYBDENUM IN DRY SOLIDS	< [illegible]. MCG/G
LEAD IN DRY SOLIDS	[illegible]1. MCG/G
ANTIMONY IN DRY SOLIDS	< [illegible]. MCG/G
TIN IN DRY SOLIDS	2[illegible]. MCG/G
THALLIUM IN DRY SOLIDS	< 1[illegible]. MCG/G
ALUMINUM IN DRY SOLIDS	13500. MCG/G
CALCIUM IN DRY SOLIDS	3620. MCG/G
POTASSIUM IN DRY SOLIDS	2140. MCG/G
MAGNESIUM IN DRY SOLIDS	3740. MCG/G
SODIUM IN DRY SOLIDS	< [illegible]. MCG/G
DIGESTION OF SOLIDS FOR METALS	DONE
DIGESTION OF SOLIDS FOR HG	DONE

**** END OF REPORT ****

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WLSS NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER FOR LABORATORIES AND RESEARCH

PAGE 1 RESULTS OF EXAMINATION FINAL REPORT

SAMPLE ID: 875011 SAMPLE RECEIVED: 87/11/14 CHARGE: 1.50
PROGRAM: 110:STATE SUPERFUND ANALYTICAL SERVICES
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE: 5056
POLITICAL SUBDIVISION: GAINESVILLE COUNTY: WYOMING
LATITUDE: LONGITUDE: Z DIRECTION:
LOCATION: (T)GAINSVILLE, ETE SANITATION LANDFILL (NY961005)
DESCRIPTION: SOIL #1, SURFACE AT DRUM DISPOSAL AREA
REPORTING LAB: TOX:LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: VOL3SOIL:PURGEABLE HALO-ORGANICS - SOIL/SEDIMENT (SEE 310-4)
SAMPLE TYPE: 600:SOIL, SAND
TIME OF SAMPLING: 87/11/14 10:40 DATE PRINTED: 88/01/05

ANALYSIS: WH0502IS VOLATILE HALOGENATED ORGANICS-SOIL/SED (SEE 310-4)
DATE REPORTED: 87/12/08 REPORT MAILED OUT

PARAMETER	RESULT
CHLOROMETHANE	[ND]
BROMOMETHANE	[ND]
VINYL CHLORIDE	[ND]
DICHLORODIFLUOROMETHANE (FREON-12)	[ND]
CHLOROETHANE	[ND]
METHYLENE CHLORIDE (DICHLOROMETHANE)	< 0.08 MCG/G
TRICHLOROFLUOROMETHANE (FREON-11)	< 0.08 MCG/G
1,1-DICHLOROETHENE	< 0.08 MCG/G
1,1-DICHLOROETHANE	< 0.08 MCG/G
TRANS-1,2-DICHLOROETHENE	< 0.08 MCG/G
CIS-1,2-DICHLOROETHENE	< 0.08 MCG/G
CHLOROFORM	< 0.08 MCG/G
1,2-DICHLOROETHANE	< 0.08 MCG/G
DIBROMOMETHANE	[ND]
1,1,1-TRICHLOROETHANE	2.0 MCG/G
CARBON TETRACHLORIDE	< 0.08 MCG/G
BROMODICHLOROMETHANE	< 0.08 MCG/G
1,3-DICHLOROPROPENE	< 0.08 MCG/G
1,2-DICHLOROPROPANE	< 0.08 MCG/G
CIS-1,3-DICHLOROPROPENE	< 0.08 MCG/G
TRICHLOROETHENE	1.0 MCG/G
1,3-DICHLOROPROPANE	< 0.08 MCG/G
DIBROMOCHLOROMETHANE	< 0.08 MCG/G
TRANS-1,3-DICHLOROPROPENE	< 0.08 MCG/G
1,1,2-TRICHLOROETHANE	< 0.08 MCG/G
1,2-DIBROMOETHANE (EDB)	< 0.08 MCG/G
2-CHLOROETHYLVINYL ETHER	[ND]
BROMOFORM	< 0.08 MCG/G
1,1,1,2-TETRACHLOROETHANE	< 0.08 MCG/G
1,2,3-TRICHLOROPROPANE	< 0.08 MCG/G

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SAMPLE ID: 895011 SAMPLE RECEIVED: 89/11/14 CHARGE: $ 50
POLITICAL SUBDIVISION: GAINESVILLE COUNTY: WYOMING
LOCATION: (T)GAINSVILLE, ETE SANITATION LANDFILL (FS1005)
TIME OF SAMPLING: 89/11/14 10:40 DATE PRINTED: 90/01/05

PARAMETER	RESULT
1,1,2,2-TETRACHLOROETHANE	< 0.08 MCG/G
TETRACHLOROETHENE	1.2 MCG/G
PENTACHLOROETHANE	< 0.08 MCG/G
1-CHLOROCYCLOHEXENE-1	(ND)
CHLOROBENZENE	< 0.08 MCG/G
BIS(2-CHLOROETHYL)ETHER	(ND)
1,2-DIBROMO-3-CHLOROPROPANE	(ND)
BROMOBENZENE	< 0.08 MCG/G
2-CHLOROTOLUENE	< 0.08 MCG/G
BIS(2-CHLOROISOPROPYL)ETHER	(ND)
1,3-DICHLOROBENZENE	< 0.08 MCG/G
1,2-DICHLOROBENZENE	< 0.08 MCG/G
1,4-DICHLOROBENZENE	< 0.08 MCG/G

ANALYSIS: 50318 VOLATILE ORGANICS - SOIL/SEDIMENT (DES 312-4)
DATE REPORTED: 89/12/08 REPORT MAILED OUT

PARAMETER	RESULT
BENZENE	< 0.08 MCG/G
TOLUENE	< 0.08 MCG/G
ETHYLBENZENE	< 0.08 MCG/G
P-XYLENE	< 0.08 MCG/G
M-XYLENE	< 0.08 MCG/G
O-XYLENE	< 0.08 MCG/G
CUMENE	< 0.08 MCG/G
STYRENE	< 0.08 MCG/G
P-BROMOFLUOROBENZENE	< 0.08 MCG/G
N-PROPYLBENZENE	< 0.08 MCG/G
TERT-BUTYLBENZENE	< 0.08 MCG/G
O/P-CHLOROTOLUENE	< 0.08 MCG/G
M-CHLOROTOLUENE	< 0.08 MCG/G
1,3,5-TRIMETHYLBENZENE	< 0.08 MCG/G
1,2,4-TRIMETHYLBENZENE	< 0.08 MCG/G
P-CYMENE	< 0.08 MCG/G
CYCLOPROPYLBENZENE	< 0.08 MCG/G
SEC-BUTYLBENZENE	< 0.08 MCG/G
N-BUTYLBENZENE	< 0.08 MCG/G
2,3-BENZOFURAN	< 0.08 MCG/G
HEXACHLOROBUTADIENE (C-46)	< 0.08 MCG/G
1,2,4-TRICHLOROBENZENE	< 0.08 MCG/G
NAPHTHALENE	< 0.08 MCG/G
1,2,3-TRICHLOROBENZENE	< 0.08 MCG/G

**** CONTINUED ON NEXT PAGE ****

SAMPLE ID: B95011 SAMPLE RECEIVED: 89/11/16 CHARGE: A.SG
POLITICAL SUBDIVISION: GAINESVILLE COUNTY: WYOMING
LOCATION: (1)GAINSVILLE, ETE SANITATION LANDFILL (#96005)
TIME OF SAMPLING: 89/11/14 10:40 DATE PRINTED: 90/01/05

FOLLOWING PARAMETERS NOT PART OF TEST PATTERN

ANALYSIS: XPESTPS PESTICIDES & PCB's - SOIL/SEDIMENT (DEC 312-2)
DATE REPORTED: 89/12/08 REPORT MAILED OUT

PARAMETER	RESULT
HCH, ALPHA	< 0.4 MCG/G
HCH, BETA	< 0.4 MCG/G
HCH, GAMMA (LINDANE)	< 0.4 MCG/G
HCH, DELTA	< 0.4 MCG/G
HEPTACHLOR	< 0.5 MCG/G
ALDRIN	< 0.2 MCG/G
HEPTACHLOR EPOXIDE	< 0.5 MCG/G
ENDOSULFAN I	< 0.5 MCG/G
4,4'-DDE	< 0.5 MCG/G
DIELDRIN	< 0.2 MCG/G
ENDRIN	< 0.2 MCG/G
4,4'-DDD	< 0.5 MCG/G
ENDOSULFAN II	< 0.5 MCG/G
ENDRIN ALDEHYDE	< 0.2 MCG/G
ENDOSULFAN SULFATE	< 0.5 MCG/G
4,4'-DDT	< 0.5 MCG/G
METHOXYCHLOR	< 10. MCG/G
TOXAPHENE	< 10. MCG/G
CHLORDANE	< 1.0 MCG/G
MIREX	< 0.5 MCG/G
PCB, AROCLOR 1221	< 0.5 MCG/G
PCB, AROCLOR 1016/1242	< 0.5 MCG/G
PCB, AROCLOR 1248	< 0.5 MCG/G
PCB, AROCLOR 1254	< 0.5 MCG/G
PCB, AROCLOR 1260	< 0.5 MCG/G

ANALYSIS: 625AS ACIDS - STEAM DISTILLED (DEC 312-5)
DATE PRINTED: 90/01/05 FINAL REPORT

PARAMETER	RESULT
PHENOL	< 2.5 MCG/G
2-CHLOROPHENOL	< 2.5 MCG/G
2-NITROPHENOL	< 2.5 MCG/G
2,4-DIMETHYLPHENOL	< 2.5 MCG/G
2,4-DICHLOROPHENOL	< 2.5 MCG/G
4-CHLORO-3-METHYLPHENOL	< 2.5 MCG/G
2,4,6-TRICHLOROPHENOL	< 2.5 MCG/G
2,4,5-TRICHLOROPHENOL	< 2.5 MCG/G
2,4-DINITROPHENOL	< 2.5 MCG/G
4-NITROPHENOL	< 2.5 MCG/G
2-METHYL-4,6-DINITROPHENOL	< 2.5 MCG/G
PENTACHLOROPHENOL	< 2.5 MCG/G

**** CONTINUED ON NEXT PAGE ****

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PAGE 4 RESULTS OF EXAMINATION FINAL REPORT

SAMPLE ID: 895011 SAMPLE RECEIVED: 89/11/16 CHARGE: $1.50
POLITICAL SUBDIVISION: GAINESVILLE COUNTY: WYOMING
LOCATION: (1)GAINSVILLE, ETE SANITATION LANDFILL (#761005)
TIME OF SAMPLING: 89/11/14 10:40 DATE PRINTED: 90/01/05

ANALYSIS: 625BNS BASE/NEUTRALS - STEAM DISTILLED (DES 312-3)
DATE PRINTED: 90/01/05 FINAL REPORT

PARAMETER	RESULT
N-NITROSODI-N-PROPYLAMINE	< 2.5 MCG/G
HEXACHLOROETHANE	< 2.5 MCG/G
NITROBENZENE	< 2.5 MCG/G
ISOPHORONE	< 2.5 MCG/G
BIS(2-CHLOROETHOXY)METHANE	< 2.5 MCG/G
HEXACHLOROCYCLOPENTADIENE (C-56)	< 2.5 MCG/G
2-CHLORONAPHTHALENE	< 2.5 MCG/G
2,6-DINITROTOLUENE	< 2.5 MCG/G
ACENAPHTHYLENE	< 2.5 MCG/G
DIMETHYLPHTHALATE	< 2.5 MCG/G
ACENAPHTHENE	< 2.5 MCG/G
2,4-DINITROTOLUENE	< 2.5 MCG/G
DIETHYLPHTHALATE	< 2.5 MCG/G
FLUORENE	< 2.5 MCG/G
N-NITROSODIPHENYLAMINE	< 2.5 MCG/G
1,2-DIPHENYLHYDRAZINE	< 2.5 MCG/G
4-BROMOPHENYL PHENYL ETHER	< 2.5 MCG/G
HEXACHLOROBENZENE	< 2.5 MCG/G
PHENANTHRENE	< 2.5 MCG/G
ANTHRACENE	< 2.5 MCG/G
DI-N-BUTYL PHTHALATE	< 2.5 MCG/G
FLUORANTHENE	< 2.5 MCG/G
PYRENE	< 2.5 MCG/G
BENZIDINE	< 2.5 MCG/G
BUTYL BENZYL PHTHALATE	< 2.5 MCG/G
BENZO(a)ANTHRACENE	< 2.5 MCG/G
3,3'-DICHLOROBENZIDINE	< 2.5 MCG/G
CHRYSENE	< 2.5 MCG/G
BIS(2-ETHYLHEXYL)PHTHALATE	< 2.5 MCG/G
DI-N-OCTYL PHTHALATE	< 2.5 MCG/G
BENZO(b)FLUORANTHENE	< 2.5 MCG/G
BENZO(k)FLUORANTHENE	< 2.5 MCG/G
BENZO(a)PYRENE	< 2.5 MCG/G
INDENO(1,2,3-cd)PYRENE	< 2.5 MCG/G
DIBENZO(ah)ANTHRACENE	< 2.5 MCG/G
BENZO(ghi)PERYLENE	< 2.5 MCG/G

**** END OF REPORT ****

0525 NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER FOR LABORATORIES AND RESEARCH

PAGE 1 RESULTS OF EXAMINATION FINAL REPORT

SAMPLE ID: 895016 SAMPLE RECEIVED:89/11/16/ CHARGE: 15.00
PROGRAM: 110:STATE SUPERFUND ANALYTICAL SERVICES
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE:5056
POLITICAL SUBDIVISION:CANISTEO COUNTY:STEUBEN
LATITUDE: . LONGITUDE: . Z DIRECTION:
LOCATION: (I)GAINSVILLE, ETE SANITATION LF (#961005)
DESCRIPTION:FIELD BLANKS WITH 895013-895015 DATE PREPARED 10/30/89
REPORTING LAB: IDX:LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: VOL3:PURGEABLES - HALOGENATED AND AROMATICS
SAMPLE TYPE: 297:FIELD BLANK / TRIP BLANK
TIME OF SAMPLING: 89/11/14 : DATE PRINTED:89/12/01

ANALYSIS: VHC5021 VOLATILE HALOGENATED ORGANICS (DES 310-29)
DATE PRINTED: 89/12/01 FINAL REPORT

PARAMETER	RESULT
CHLOROMETHANE	< 0.5 MCG/L
BROMOMETHANE	< 0.5 MCG/L
VINYL CHLORIDE	< 0.5 MCG/L
DICHLORODIFLUOROMETHANE (FREON-12)	< 0.5 MCG/L
CHLOROETHANE	< 0.5 MCG/L
METHYLENE CHLORIDE (DICHLOROMETHANE)	< 0.5 MCG/L
TRICHLOROFLUOROMETHANE (FREON-11)	< 0.5 MCG/L
1,1-DICHLOROETHENE	< 0.5 MCG/L
1,1-DICHLOROETHANE	< 0.5 MCG/L
TRANS-1,2-DICHLOROETHENE	< 0.5 MCG/L
CIS-1,2-DICHLOROETHENE	< 0.5 MCG/L
CHLOROFORM	< 0.5 MCG/L
1,2-DICHLOROETHANE	< 0.5 MCG/L
DIBROMOMETHANE	< 0.5 MCG/L
1,1,1-TRICHLOROETHANE	< 0.5 MCG/L
CARBON TETRACHLORIDE	< 0.5 MCG/L
BROMODICHLOROMETHANE	< 0.5 MCG/L
2,3-DICHLOROPROPENE	< 0.5 MCG/L
1,2-DICHLOROPROPANE	< 0.5 MCG/L
CIS-1,3-DICHLOROPROPENE	< 0.5 MCG/L
TRICHLOROETHENE	< 0.5 MCG/L
1,3-DICHLOROPROPANE	< 0.5 MCG/L
DIBROMOCHLOROMETHANE	< 0.5 MCG/L
TRANS-1,3-DICHLOROPROPENE	< 0.5 MCG/L
1,1,2-TRICHLOROETHANE	< 0.5 MCG/L
1,2-DIBROMOETHANE (EDB)	< 0.5 MCG/L
2-CHLOROETHYLVINYL ETHER	< 0.5 MCG/L
BROMOFORM	< 0.5 MCG/L
1,1,1,2-TETRACHLOROETHANE	< 0.5 MCG/L
1,2,3-TRICHLOROPROPANE	< 0.5 MCG/L

**** CONTINUED ON NEXT PAGE ****

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NEW YORK STATE DEPARTMENT OF HEALTH
42 SOUTH WASHINGTON ST.
ROCHESTER, N.Y. 14608

SUBMITTED BY:WEISS

0526 NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER FOR LABORATORIES AND RESEARCH

PAGE 2 RESULTS OF EXAMINATION FINAL REPORT

SAMPLE ID: 895016 SAMPLE RECEIVED:89/11/16/ CHARGE: 15.00
POLITICAL SUBDIVISION:CANISTEO COUNTY:STEUBEN
LOCATION: (I)GAINSVILLE, ETE SANITATION DF (#961005)
TIME OF SAMPLING: 89/11/14 : DATE PRINTED:89/12/01

PARAMETER	RESULT
1,1,2,2-TETRACHLOROETHANE	< 0.5 MCG/L
TETRACHLOROETHENE	< 0.5 MCG/L
PENTACHLOROETHANE	< 0.5 MCG/L
1-CHLOROCYCLOHEXENE-1	< 0.5 MCG/L
CHLOROBENZENE	< 0.5 MCG/L
BIS(2-CHLOROETHYL)ETHER	< 0.5 MCG/L
1,2-DIBROMO-3-CHLOROPROPANE	< 0.5 MCG/L
BROMOBENZENE	< 0.5 MCG/L
O-CHLOROTOLUENE	< 0.5 MCG/L
BIS(2-CHLOROISOPROPYL)ETHER	< 0.5 MCG/L
1,3-DICHLOROBENZENE	< 0.5 MCG/L
1,2-DICHLOROBENZENE	< 0.5 MCG/L
1,4-DICHLOROBENZENE	< 0.5 MCG/L

ANALYSIS: 5031 AROMATIC PURGEABLES, EPA METHOD 503.1 (DES 310-22)
DATE PRINTED: 89/12/01 FINAL REPORT

PARAMETER	RESULT
BENZENE	< 0.5 MCG/L
TOLUENE	< 0.5 MCG/L
ETHYLBENZENE	< 0.5 MCG/L
P-XYLENE	< 0.5 MCG/L
M-XYLENE	< 0.5 MCG/L
O-XYLENE	< 0.5 MCG/L
CUMENE	< 0.5 MCG/L
STYRENE	< 0.5 MCG/L
P-BROMOFLUOROBENZENE	< 0.5 MCG/L
N-PROPYLBENZENE	< 0.5 MCG/L
TERT-BUTYLBENZENE	< 0.5 MCG/L
P-CHLOROTOLUENE	< 0.5 MCG/L
M-CHLOROTOLUENE	< 0.5 MCG/L
1,3,5-TRIMETHYLBENZENE	< 0.5 MCG/L
1,2,4-TRIMETHYLBENZENE	< 0.5 MCG/L
P-CYMENE	< 0.5 MCG/L
CYCLOPROPYLBENZENE	< 0.5 MCG/L
SEC-BUTYLBENZENE	< 0.5 MCG/L
N-BUTYLBENZENE	< 0.5 MCG/L
2,3-BENZOFURAN	< 0.5 MCG/L
HEXACHLOROBUTADIENE (C-46)	< 0.5 MCG/L
1,2,4-TRICHLOROBENZENE	< 0.5 MCG/L
NAPHTHALENE	< 0.5 MCG/L
1,2,3-TRICHLOROBENZENE	< 0.5 MCG/L
PH OF AROMATIC ALIQUOT	5.

**** END OF REPORT ****

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ETE Sanitation
96/005

CLIENT:	NEW YORK STATE DEC #9	DATE REC'D	: 04/16/90
	600 DELAWARE AVENUE	LABORATORY NO.	: 90041221
	BUFFALO, NY 14202	REPORT DATE	: 05/10/90
	ATTN: KEVIN GLASER	RE : FILE # 9-014	

SAMPLE INFORMATION

SAMPLE DATE	: 04/09/90	LOCATION	:ETE SANITATION
SAMPLE TIME	: (ALL DAY)	TYPE OF SAMPLE	:LIQUID
NUMBER OF SAMPLES	: 6	SAMPLER	:CLIENT

LABORATORY REPORT

PARAMETER	DRUM #7	DRUM #9	DRUM #10	DRUM #11	LIMITS	UNITS
EPTOX METALS	SEE ATTACHED					
PCB	SEE ATTACHED					
FLASHPOINT	74.5	68.4	>150	>150	140	Degrees F
CORROSIVITY	SEE ATTACHED					
REACTIVITY	SEE ATTACHED					
PESTICIDES	SEE ATTACHED					
HERBICIDES	SEE ATTACHED					

NYSDOH LAB ID # 10390

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CLIENT: NEW YORK STATE DEC #9

PAGE 3

DATE REC'D :04/16/90
LABORATORY NO. :90041221
REPORT DATE :05/10/90

SAMPLE INFORMATION

SAMPLE DATE :	04/09/90	LOCATION	:ETE SANITATION
SAMPLE TIME :	(ALL DAY)	TYPE OF SAMPLE	:LIQUID
NUMBER OF SAMPLES :	6	SAMPLER	:CLIENT

LABORATORY REPORT

PARAMETER	DRUM #7	DRUM #9	DRUM #10	DRUM #1	UNITS ppm
PCB 1221	<1.0	<1.0	<1.0	<1.0	mg/kg
PCB 1232	<1.0	<1.0	<1.0	<1.0	mg/kg
PCB 1016	<1.0	<1.0	<1.0	<1.0	mg/kg
PCB 1242	<1.0	<1.0	<1.0	<1.0	mg/kg
PCB 1248	<1.0	<1.0	<1.0	<1.0	mg/kg
PCB 1254	<1.0	<1.0	<1.0	<1.0	mg/kg
PCB 1260	<1.0	<1.0	<1.0	<1.0	mg/kg
PCB 1262	<1.0	<1.0	<1.0	<1.0	mg/kg
PCB 1268	<1.0	<1.0	<1.0	<1.0 .	mg/kg
TOTAL PCB'S	<1.0	<1.0	<1.0	<1.0	mg/kg

METHOD : EPA 600/4-81-045

NYSDOH LAB ID # 10390

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CLIENT: NEW YORK STATE DEC #9
PAGE 4

DATE REC'D :04/16/90
LABORATORY NO. :90041221
REPORT DATE :05/10/90

SAMPLE INFORMATION

SAMPLE DATE :	04/09/90	LOCATION	:ETE SANITATION
SAMPLE TIME :	(ALL DAY)	TYPE OF SAMPLE	:LIQUID
NUMBER OF SAMPLES :	6	SAMPLER	:CLIENT

LABORATORY REPORT

PARAMETER	DRUM #12	ETE 4/9/90	UNITS
PCB 1221	<1.0	<1.0	mg/kg
PCB 1232	<1.0	<1.0	mg/kg
PCB 1016	<1.0	<1.0	mg/kg
PCB 1242	<1.0	<1.0	mg/kg
PCB 1248	<1.0	<1.0	mg/kg
PCB 1254	<1.0	<1.0	mg/kg
PCB 1260	<1.0	<1.0	mg/kg
PCB 1262	<1.0	<1.0	mg/kg
PCB 1268	<1.0	<1.0	mg/kg
TOTAL PCB'S	<1.0	<1.0	mg/kg

METHOD : EPA 600/4-81-045

NYSDOH LAB ID # 10390

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CLIENT: NEW YORK STATE DEC #9
PAGE 5

DATE REC'D :04/16/90
LABORATORY NO. :90041221
REPORT DATE :05/10/90

SAMPLE INFORMATION

SAMPLE DATE :	04/09/90	LOCATION	:ETE SANITATION
SAMPLE TIME :	(ALL DAY)	TYPE OF SAMPLE	:SOLID
NUMBER OF SAMPLES :	14	SAMPLER	:CLIENT

LABORATORY REPORT

PARAMETER	DRUM #1	DRUM #2	DRUM #3	DRUM #4	UNITS	LIMITS
					ppm	
EP TOX METALS:						
ARSENIC	<0.100	<0.100	<0.100	<0.100	mg/l	5.0
BARIUM	<10.0	<10.0	<10.0	<10.0	mg/l	100.0
CADMIUM	<0.05	<0.05	<0.05	<0.05	mg/l	1.0
CHROMIUM	0.11	0.17	<0.050	0.19	mg/l	5.0
LEAD	0.49	0.28	<0.20	10.2	mg/l	5.0
MERCURY	<0.050	<0.050	<0.050	<0.050	mg/l	0.2
SELENIUM	<0.100	<0.100	<0.100	<0.100	mg/l	1.0
SILVER	<0.05	<0.05	<0.05	<0.05	mg/l	5.0

All analysis was performed by methods outlined in EPA SW846 "Test Methods for Evaluating Solid Waste:, 3rd Ed.

NYSDOH LAB # 10390

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CLIENT: NEW YORK STATE DEC #9

PAGE 6

DATE REC'D :04/16/90
LABORATORY NO. :90041221
REPORT DATE :05/10/90

SAMPLE INFORMATION

SAMPLE DATE :	04/09/90	LOCATION	:ETE SANITATION
SAMPLE TIME :	(ALL DAY)	TYPE OF SAMPLE	:SOLID
NUMBER OF SAMPLES :	14	SAMPLER	:CLIENT

LABORATORY REPORT

PARAMETER	DRUM #5	DRUM #6	DRUM #8	DRUM #13	UNITS	LIMITS
EP TOX METALS:						
ARSENIC	<0.100	<0.100	<0.100	<0.100	mg/l	5.0
BARIUM	<10.0	<10.0	<10.0	<10.0	mg/l	100.0
CADMIUM	<0.05	<0.05	<0.05	<0.05	mg/l	1.0
CHROMIUM	<0.05	0.08	<0.05	<0.050	mg/l	5.0
LEAD	<0.20	<0.20	1.89	<0.20	mg/l	5.0
MERCURY	<0.050	<0.050	<0.050	<0.050	mg/l	0.2
SELENIUM	<0.100	<0.100	<0.100	<0.100	mg/l	1.0
SILVER	<0.05	<0.05	<0.05	<0.05	mg/l	5.0

All analysis was performed by methods outlined in EPA SW846 "Test Methods for Evaluating Solid Waste", 3rd Ed.

NYSDOH LAB # 10390

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CLIENT: NEW YORK STATE DEC #9
PAGE 7

DATE REC'D :04/16/90
LABORATORY NO. :90041221
REPORT DATE :05/10/90

SAMPLE INFORMATION

SAMPLE DATE :	04/09/90	LOCATION	:ETE SANITATION
SAMPLE TIME :	(ALL DAY)	TYPE OF SAMPLE	:SOLID
NUMBER OF SAMPLES :	14	SAMPLER	:CLIENT

LABORATORY REPORT

PARAMETER	DRUM #14	DRUM #15	DRUM #16	DRUM #17	UNITS	LIMITS
EP TOX METALS:						
ARSENIC	<0.100	<0.100	<0.100	<0.100	mg/l	5.0
BARIUM	<10.0	<10.0	<10.0	<10.0	mg/l	100.0
CADMIUM	<0.050	<0.050	<0.050	<0.050	mg/l	1.0
CHROMIUM	<0.500	<0.050	0.070	<0.050	mg/l	5.0
LEAD	<0.20	<0.20	0.68	0.52	mg/l	5.0
MERCURY	<0.050	<0.050	<0.050	<0.050	mg/l	0.2
SELENIUM	<0.100	<0.100	<0.100	<0.100	mg/l	1.0
SILVER	<0.05	<0.05	<0.05	<0.05	mg/l	5.0

All analyses were performed by methods outlined in EPA SW846 "Test Methods for Evaluating Solid Waste", 3rd Ed.

NYSDOH LAB # 10390

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CLIENT: NEW YORK STATE DEC #9

DATE REC'D :04/16/90
LABORATORY NO. :90041221
REPORT DATE :05/10/90

SAMPLE INFORMATION

SAMPLE DATE :	04/09/90	LOCATION	:ETE SANITATION
SAMPLE TIME :	(ALL DAY)	TYPE OF SAMPLE	:SOLID
NUMBER OF SAMPLES :	14	SAMPLER	:CLIENT

LABORATORY REPORT

PARAMETER	DRUM #18	DRUM #19	METHOD #	UNITS	LIMITS
EP TOX METALS:					
ARSENIC	<0.100	<0.100	7060	mg/l	5.0
BARIUM	<10.0	<10.0	7080	mg/l	100.0
CADMIUM	<0.050	<0.050	7130	mg/l	1.0
CHROMIUM	<0.050	<0.500	7190	mg/l	5.0
LEAD	2.56	<0.20	7420	mg/l	5.0
MERCURY	<0.050	<0.050	7471	mg/l	0.2
SELENIUM	<0.100	<0.100	7740	mg/l	1.0
SILVER	<0.05	<0.050	7760	mg/l	5.0

All analysis was performed by methods outlined in [illegible] SW846 "Test Methods for Evaluating Solid Waste", 3rd Ed.

NYSDOH LAB # 10390

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NEW YORK STATE DEC #9

LABORATORY REPORT

PARAMETER	DRUM #1	DRUM #2	DRUM #3	DRUM #4	DRUM #5	UNITS
CORROSIVITY	7.00	7.00	6.00	7.00	7.00	S.U.
REACTIVITY : *						
CYANIDE	<10	<10	<10	<10	<10	mg/kg
SULFIDE	<15	<10	<10	<10	<10	mg/kg
PESTICIDES :						
LINDANE	<0.20	<0.10	<0.10	<0.10	<0.20	ug/l
ENDRIN	<0.20	<0.10	<0.10	<0.10	<0.20	ug/l
METHOXYCHLOR	<2.0	<1.0	<1.0	<1.0	<2.0	ug/l
TOXAPHENE	<10	<5.0	<5.0	<5.0	<10	ug/l
HERBICIDES :						
2,4-D	<0.06	<0.03	<0.03	<0.03	<0.06	ug/l
2,4,5-TP (SILVEX)	<0.06	<0.03	<0.03	<0.03	<0.06	ug/l

* Performed by Method SW846, Sect. 8.3.

NYSDOH ID # 10390

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NEW YORK STATE DEC #9

LABORATORY REPORT

PARAMETER	DRUM #6	DRUM #8	DRUM #13	DRUM #14	DRUM #15	UNITS
CORROSIVITY	7.00	7.00	7.00	7.00	5.50	S.U.
REACTIVITY : *						
CYANIDE	<10	<10	<10	<10	<10	mg/kg
SULFIDE	<10	<10	<10	<10	<10	mg/kg
PESTICIDES :						
LINDANE	<0.10	<0.10	<0.10	<0.10	<0.25	ug/l
ENDRIN	<0.10	<0.10	<0.10	<0.10	<0.25	ug/l
METHOXYCHLOR	<1.0	<1.0	<1.0	<1.0	<2.5	ug/l
TOXAPHENE	<5.0	<5.0	<5.0	<5.0	<13	ug/l
HERBICIDES :						
2,4-D	<0.04	<0.03	<0.04	<0.03	<0.08	ug/l
2,4,5-TP (SILVEX)	<0.04	<0.03	<0.04	<0.03	<0.08	ug/l

* Performed by Method SW846, Sect. 8.3.

NYSDOH LAB ID # 10390

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NEW YORK STATE DEC #9

LABORATORY REPORT

PARAMETER	DRUM #16	DRUM #17	DRUM #18	DRUM #19	METHOD NUMBER	UNITS
CORROSIVITY	7.00	7.00	5.50	7.00		S.U.
REACTIVITY : *						
CYANIDE	<10	<10	<10	<10		mg/kg
SULFIDE	<10	<10	<15	<10		mg/kg
PESTICIDES :					SW 846 3510/8080	
LINDANE	<0.10	<1.0	<0.20	<0.10		ug/l
ENDRIN	<0.10	<1.0	<0.20	<0.10		ug/l
METHOXYCHLOR	<1.0	<10	<2.0	<1.0		ug/l
TOXAPHENE	<5.0	<50	<10	<5.0		ug/l
HERBICIDES :					SW 846 3510/8150	
2,4-D	<0.03	<0.30	<0.06	<0.03		ug/l
2,4,5-TP (SILVEX)	<0.03	<0.30	<0.06	<0.03		ug/l

* Performed by Method SW846, Sect. 8.3.

NYSDOH LAB ID # 10390

LABORATORY DIRECTOR

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
716-654-6350

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

30

NYS DEC #9

PAGE 2

LABORATORY REPORT

PARAMETER	DRUM #12	ETE 4/9/90	LIMITS	UNITS	METHOD #
EPTOX METALS	SEE ATTACHED				
PCB	SEE ATTACHED				
FLASHPOINT	>150	84.8	140	Degrees F	SW846 1010
CORROSIVITY	SEE ATTACHED				
REACTIVITY	SEE ATTACHED				
PESTICIDES	SEE ATTACHED				
HERBICIDES	SEE ATTACHED				

NYSDOH LAB ID # 10390

LABORATORY DIRECTOR

APPENDIX B

Site Inspection Report
USEPA Form 2070-13

EPA FORM 2070-13

Site Inspection Report

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 1 - SITE LOCATION AND INSPECTION INFORMATION

EPA

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
NY	961005

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site)	02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER				
ETE Sanitation and Landfill	Broughton Road				
03 CITY	**04 STATE**	**05 ZIP CODE**	**06 COUNTY**	**07 COUNTY CODE**	**08 CONG DIST**
Gainesville	NY	14066	Wyoming		

09 COORDINATES		10 TYPE OF OWNERSHIP (Check one)
LATITUDE	LONGITUDE	
42° 39' 28"	78° 07' 36"	[X] A. PRIVATE [ ] B. FEDERAL [ ] C. STATE [ ] D. COUNTY [ ] E. MUNICIPAL [ ] F. OTHER [ ] G. UNKNOWN

III. INSPECTION INFORMATION

01 DATE OF INSPECTION	02 SITE STATUS	03 YEARS OF OPERATION
5 22 90 (MONTH DAY YEAR)	[ ] ACTIVE [X] INACTIVE	1974 (BEGINNING YEAR) 1979 (ENDING YEAR) ___ UNKNOWN

04 AGENCY PERFORMING INSPECTION (Check all that apply)

[ ] A. EPA [ ] B. EPA CONTRACTOR (Name of firm) [ ] C. MUNICIPAL [ ] D. MUNICIPAL CONTRACTOR (Name of firm)
[ ] E. STATE [X] F. STATE CONTRACTOR URS Consultants (Name of firm) [ ] G. OTHER (Specify)

05 CHIEF INSPECTOR	06 TITLE	07 ORGANIZATION	08 TELEPHONE NO.
Phyllis Rettke	Geologist	URS Consultants	(716) 883-5525
09 OTHER INSPECTORS	**10 TITLE**	**11 ORGANIZATION**	**12 TELEPHONE NO.**
Gerald Pietraszek	Senior Engineering Geologist	NYSDEC	(716) 847-4590
			( )
			( )
			( )
			( )

13 SITE REPRESENTATIVES INTERVIEWED	14 TITLE	15 ADDRESS	16 TELEPHONE NO
			( )
			( )
			( )
			( )
			( )
			( )

17 ACCESS GAINED BY (Check one)	18 TIME OF INSPECTION	19 WEATHER CONDITIONS
[X] PERMISSION [ ] WARRANT	1:15 PM	Cloudy, temp. in mid 50's

IV. INFORMATION AVAILABLE FROM

01 CONTACT	02 OF (Agency/Organization)	03 TELEPHONE NO.
Phyllis Rettke	URS Consultants, Inc.	(716) 883-5525

04 PERSON RESPONSIBLE FOR SITE INSPECTION FORM	05 AGENCY	06 ORGANIZATION	07 TELEPHONE NO.	08 DATE
Phyllis Rettke	Same		716-883-5525	6 11 90 (MONTH DAY YEAR)

EPA FORM 2070-13 (7-81)

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
- PART 2 - WASTE INFORMATION

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
NY	961005

II. WASTE STATES, QUANTITIES, AND CHARACTERISTICS

01 PHYSICAL STATES (Check all that apply)

- [X] A. SOLID
- [ ] B. POWDER, FINES
- [X] C. SLUDGE
- [ ] D. OTHER (Specify)
- [ ] E. SLURRY
- [X] F. LIQUID
- [ ] G. GAS

02 WASTE QUANTITY AT SITE (Measures of waste quantities must be independent)

TONS: 150
CUBIC YARDS:
NO. OF DRUMS:

03 WASTE CHARACTERISTICS (Check all that apply)

- [X] A. TOXIC
- [ ] B. CORROSIVE
- [ ] C. RADIOACTIVE
- [X] D. PERSISTENT
- [ ] E. SOLUBLE
- [ ] F. INFECTIOUS
- [ ] G. FLAMMABLE
- [X] H. IGNITABLE
- [ ] I. HIGHLY VOLATILE
- [ ] J. EXPLOSIVE
- [ ] K. REACTIVE
- [ ] L. INCOMPATIBLE
- [ ] M. NOT APPLICABLE

III. WASTE TYPE

CATEGORY	SUBSTANCE NAME	01 GROSS AMOUNT	02 UNIT OF MEASURE	03 COMMENTS
SLU	SLUDGE	150	tons	Almor Questionnaire
OLW	OILY WASTE			
SOL	SOLVENTS	unknown		
PSD	PESTICIDES			
OCC	OTHER ORGANIC CHEMICALS			
IOC	INORGANIC CHEMICALS	unknown		4-5 trucks of salt/week
ACD	ACIDS			
BAS	BASES			
MES	HEAVY METALS			

IV. HAZARDOUS SUBSTANCES (See Appendix for most frequently cited CAS Numbers)

01 CATEGORY	02 SUBSTANCE NAME	03 CAS NUMBER	04 STORAGE/DISPOSAL METHOD	05 CONCENTRATION	06 MEASURE OF CONCENTRATION
	Halite, other salts		dumped on surface		
	Carbon tetrachloride				
	Trichlorethane				
	Tetrachlorethane				
	Dichloropropane				
	Lightly leaded paint sludge		drums	unknown	

V. FEEDSTOCKS (See Appendix for CAS Numbers)

CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER	CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER
FDS			FDS		
FDS			FDS		
FDS			FDS		
FDS			FDS		

VI. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

Almor Hazardous waste questionnaire, NYSDEC Registry form

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
NY	961005

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A. GROUNDWATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED: 3331
02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

There was uncontrolled dumping of many substances on an unlined and unregulated landfill. Potential contamination of groundwater within the Pleistocene sand and gravel aquifer does exist.

01 ☒ B. SURFACE WATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED: _____
02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

Leachate collection pond overflows into Cotton Creek, a tributary of Oatka Creek. Oatka Creek is used downstream for recreation and irrigation.

01 ☐ C. CONTAMINATION OF AIR
03 POPULATION POTENTIALLY AFFECTED: _____
02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

none reported

01 ☒ D. FIRE/EXPLOSIVE CONDITIONS
03 POPULATION POTENTIALLY AFFECTED: 3331
02 ☒ OBSERVED (DATE: 5/22/90) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

Contents of drums onsite are ignitable. Nineteen of the onsite drums are overpacked.

01 ☒ E. DIRECT CONTACT
03 POPULATION POTENTIALLY AFFECTED: 171
02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

Site has a gate which only limits access to vehicles. Evidence of small fires was seen during the site visit. Boat shell was observed on the shore of one onsite pond, an attraction to children.

01 ☒ F. CONTAMINATION OF SOIL
03 AREA POTENTIALLY AFFECTED: unknown (Acres)
02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☒ ALLEGED
04 NARRATIVE DESCRIPTION

NYDSEC reported that there was solvent contamination of the soil in several locations onsite.

01 ☒ G. DRINKING WATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED: 3331
02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

This is the population within a 3 mile range using well water(2675) + 1/2 the student population of LetchworthCentral Schools.(1/2 of 1312= 656).

01 ☐ H. WORKER EXPOSURE/INJURY
03 WORKERS POTENTIALLY AFFECTED: _____
02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

none reported

01 ☒ I. POPULATION EXPOSURE/INJURY
03 POPULATION POTENTIALLY AFFECTED: 3331
02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

Population within a 3 mile radius of the site

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION
01 STATE: NY | 02 SITE NUMBER: 961005

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 [X] J. DAMAGE TO FLORA
02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
Some areas of the site had sparse vegatation, stressed vegatation was reported in the past.

01 [X] K. DAMAGE TO FAUNA
02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION (Include names(s) of species)
Potential to contaminate birds and small mammals onsite.

01 [X] L. CONTAMINATION OF FOOD CHAIN
02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
Potential to contaminate food chain through the fish in the Oatka and the plants onsite.

01 [X] M. UNSTABLE CONTAINMENT OF WASTES (Spills, Runoff, Standing liquids, Leaking drums)
02 [X] OBSERVED (DATE: 5/22/90) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____
04 NARRATIVE DESCRIPTION
Corroded drums were observed on site, reports of uncovered waste and numerous leachate outbreaks were reported in the past.

01 [X] N. DAMAGE TO OFFSITE PROPERTY
02 [X] OBSERVED (DATE: 6/79) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
Merritt Broughton, a farmer with property adjacent to the site, reported part of a field (1.5 acres)on which he was unable to grow crops during the 1970's.

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs
02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
none reported

01 [X] P. ILLEGAL/UNAUTHORIZED DUMPING
02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☒ ALLEGED
04 NARRATIVE DESCRIPTION
illegal dumping was alleged by William Uptegrove(a former Mallory Timers employee)

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS
none reported

III. TOTAL POPULATION POTENTIALLY AFFECTED: 3331(poulation within a 3 mile radius)

IV. COMMENTS

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)
Site visit, Wm. Uptegrove, personal communication with Phyllis Rettke, NYSDEC Region 9 files.

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION
PART 4 - PERMIT AND DESCRIPTIVE INFORMATION

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
NY	961005

II. PERMIT INFORMATION

01 TYPE OF PERMIT ISSUED (Check all that apply)	02 PERMIT NUMBER	03 DATE ISSUED	04 EXPIRATION DATE	05 COMMENTS
☐ A. NPDES				
☐ B. UIC				
☐ C. AIR				
☐ D. RCRA				
☐ E. RCRA INTERIM STATUS				
☐ F. SPCC PLAN				
☐ G. STATE (Specify)				
☐ H. LOCAL (Specify)				
☐ I. OTHER (Specify)				
☐ J. NONE				

III. SITE DESCRIPTION

01 STORAGE/DISPOSAL (Check all that apply)	02 AMOUNT	03 UNIT OF MEASURE
☐ A. SURFACE IMPOUNDMENT		
☐ B. PILES		
☐ C. DRUMS, ABOVE GROUND		
☐ D. TANK, ABOVE GROUND		
☐ E. TANK, BELOW GROUND		
☒ F. LANDFILL	unknown	
☐ G. LANDFARM		
☒ H. OPEN DUMP	unknown	
☐ I. OTHER (Specify)		

04 TREATMENT (Check all that apply)

- ☐ A. INCINERATION
- ☐ B. UNDERGROUND INJECTION
- ☐ C. CHEMICAL/PHYSICAL
- ☐ D. BIOLOGICAL
- ☐ E. WASTE OIL PROCESSING
- ☐ F. SOLVENT RECOVERY
- ☐ G. OTHER RECYCLING/RECOVERY
- ☐ H. OTHER (Specify)

05 OTHER

- ☐ A. BUILDINGS ON SITE

06 AREA OF SITE

20 (Acres)

07 COMMENTS

Some material onsite was buried but some was apparently dumped on the surface. Some of the surface dumping may have been done illegally after the facility was closed by the state.

IV. CONTAINMENT

01 CONTAINMENT OF WASTES (Check one)

☐ A. ADEQUATE, SECURE ☐ B. MODERATE ☐ C. INADEQUATE, POOR ☐ D. INSECURE, UNSOUND, DANGEROUS

02 DESCRIPTION OF DRUMS, DIKING, LINERS, BARRIERS, ETC.

no liner onsite. Drums are both on the surface(collected and put under plastic by NYSDEC) and buried but protruding from the ground surface.

V. ACCESSIBILITY

01 WASTE EASILY ACCESSIBLE ☒ YES ☐ NO

02 COMMENTS

The only access that is limited is that by vehicles through the locked gate

VI. SOURCES OF INFORMATION (Cite specific references, e.g. state files, sample analysis, reports)

Site visit, 5/22/90.

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 5 - WATER, DEMOGRAPHIC, AND ENVIRONMENTAL DATA

I. IDENTIFICATION
01 STATE: NY | 02 SITE NUMBER: 961005

II. DRINKING WATER SUPPLY

01 TYPE OF DRINKING SUPPLY (Check as applicable)

	SURFACE	WELL
COMMUNITY	A. ☒	B. ☒
NON-COMMUNITY	C. ☐	D. ☒

02 STATUS

ENDANGERED	AFFECTED	MONITORED
A. ☒	B. ☐	C. ☐
D. ☒	E. ☐	F. ☐

03 DISTANCE TO SITE
A. 2 (mi)
B. .25 (mi)

III. GROUNDWATER

01 GROUNDWATER USE IN VICINITY (Check one)
☒ A. ONLY SOURCE FOR DRINKING ☐ B. DRINKING (Other sources available) COMMERCIAL, INDUSTRIAL, IRRIGATION (No other water sources available) ☐ C. COMMERCIAL, INDUSTRIAL, IRRIGATION (Limited other sources available) ☐ D. NOT USED, UNUSEABLE

02 POPULATION SERVED BY GROUND WATER 3331
03 DISTANCE TO NEAREST DRINKING WATER WELL 0.25 (mi)

04 DEPTH TO GROUNDWATER	05 DIRECTION OF GROUNDWATER FLOW	06 DEPTH TO AQUIFER OF CONCERN	07 POTENTIAL YIELD OF AQUIFER	08 SOLE SOURCE AQUIFER
2.5 (ft)	unknown	unknown (ft)	unknown (gpd)	☐ YES ☒ NO

09 DESCRIPTION OF WELLS (Including useage, depth, and location relative to population and buildings)
All of the wells for the population of Gainesville, Letchworth Central Schools and part of the water supply for Silver Springs are drilled into the Pleistocene sand and gravel aquifer.

10 RECHARGE AREA		11 DISCHARGE AREA	
☐ YES ☐ NO	COMMENTS: unknown	☐ YES ☐ NO	COMMENTS: unknown

IV. SURFACE WATER

01 SURFACE WATER USE (Check one)
☒ A. RESERVOIR, RECREATION DRINKING WATER SOURCE ☐ B. IRRIGATION, ECONOMICALLY IMPORTANT RESOURCES ☐ C. COMMERCIAL, INDUSTRIAL ☐ D. NOT CURRENTLY USED

02 AFFECTED/POTENTIALLY AFFECTED BODIES OF WATER

NAME:	AFFECTED	DISTANCE TO SITE
unnamed tributary to Oatka Creek	☐	adjacent (mi)
Oatka Creek	☐	.6 (mi)
	☐	(mi)

V. DEMOGRAPHIC AND PROPERTY INFORMATION

01 TOTAL POPULATION WITHIN

ONE (1) MILE OF SITE	TWO (2) MILES OF SITE	THREE (3) MILES OF SITE
A. 171 NO. OF PERSONS	B. 1106 NO. OF PERSONS	C. 3331 NO. OF PERSONS

02 DISTANCE TO NEAREST POPULATION
.25 (mi)

03 NUMBER OF BUILDINGS WITHIN TWO (2) MILES OF SITE
291

04 DISTANCE TO NEAREST OFF-SITE BUILDING
adjacent (mi)

05 POPULATION WITHIN VICINITY OF SITE (Provide narrative description of nature of population within vicinity of site, e.g., rural, village, densely populated urban area)
3331 This includes the population within a 3 mile radius of the site (USGS maps) and 1/2 of the student population of the Letchworth Central Schools.

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 5 - WATER, DEMOGRAPHIC, AND ENVIRONMENTAL DATA

I. IDENTIFICATION
01 STATE: NY | 02 SITE NUMBER: 961005

VI. ENVIRONMENTAL INFORMATION

01 PERMEABILITY OF UNSATURATED ZONE (Check one)

☐ A. $10^{-6} - 10^{-8}$ cm/sec ☒ B. $10^{-4} - 10^{-6}$ cm/sec ☐ C. $10^{-4} - 10^{-3}$ cm/sec ☐ D. GREATER THAN 10^{-3} cm/sec

02 PERMEABILITY OF BEDROCK (Check one)

☐ A. IMPERMEABLE (Less than 10^{-6} cm/sec) ☐ B. RELATIVELY IMPERMEABLE ($10^{-4} - 10^{-6}$ cm/sec) ☐ C. RELATIVELY PERMEABLE ($10^{-2} - 10^{-4}$ cm/sec) ☐ D. VERY PERMEABLE (Greater than 10^{-2} cm/sec)

03 DEPTH TO BEDROCK	04 DEPTH OF CONTAMINATED SOIL ZONE	05 SOIL pH	
unknown (ft)	unknown (ft)	5.1-7.3	

06 NET PRECIPITATION	07 ONE YEAR 24 HOUR RAINFALL	08 SLOPE: SITE SLOPE	DIRECTION OF SITE SLOPE	TERRAIN AVERAGE SLOPE
13 (in)	2.5 (in)	0-3 %	North	0-2 %

09 FLOOD POTENTIAL: not in the floodplain
SITE IS IN _____ YEAR FLOODPLAIN

10 ☐ SITE IS ON BARRIER ISLAND, COASTAL HIGH HAZARD AREA, RIVERINE FLOODWAY

11 DISTANCE TO WETLANDS (5 acre minimum)

ESTUARINE: A. _____ (mi)

OTHER: B. _____ (mi)

12 DISTANCE TO CRITICAL HABITAT (of endangered species)

_____ (mi)

ENDANGERED SPECIES: _____

13 LAND USE IN VICINITY

DISTANCE TO:

COMMERCIAL/INDUSTRIAL	RESIDENTIAL AREAS; NATIONAL/STATE PARKS, FORESTS, OR WILDLIFE RESERVES	AGRICULTURAL LANDS: PRIME AG LAND	AG LAND
A. _____ (mi)	B. _____ (mi)	C. .40 (mi)	D. .20 (mi)

14 DESCRIPTION OF SITE IN RELATION TO SURROUNDING TOPOGRAPHY

Site is located on one of the higher areas in an irregular area which is the result of glaciation. The land slopes away from the site in all directions.

VII. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

Soil Survey of Wyoming County, USGS map, site visit.

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 6 - SAMPLE AND FIELD INFORMATION

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
NY	961005

II. SAMPLES TAKEN

SAMPLE TYPE	01 NUMBER OF SAMPLES TAKEN	02 SAMPLES SENT TO	03 ESTIMATED DATE RESULTS AVAILABLE
GROUNDWATER	3	Wadsworth Labs, Potable water from 3 houses adjoining the site.	1989
SURFACE WATER	1	NYSDEC	1987
WASTE	6 / 1*	Lozier Labs/ drum contents/*NYSDEC	1990/*1987
AIR			
RUNOFF			
SPILL			
SOIL	2 2 / *1	Cambridge Analytical Wadsworth Labs /*NYSDEC	1987 *1987
VEGETATION			
OTHER			

III. FIELD MEASUREMENTS TAKEN

01 TYPE	02 COMMENTS
PID (HNu)	No readings above background were noted. 5/22/90
Explosimeter	No readings above background were noted. 5/22/90
Geiger counter	No readings above background were noted. 5/22/90

IV. PHOTOGRAPHS AND MAPS

01 TYPE ☒ GROUND ☐ AERIAL

02 IN CUSTODY OF URS Consultants, Inc.
(Name of organization or individual)

03 MAPS ☒ YES ☐ NO

04 LOCATION OF MAPS 570 Delaware Ave., Buffalo New York 14202

V. OTHER FIELD DATA COLLECTED (Provide narrative description)

VI. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

Cambridge Analytical, 1987 Results, Wadsworth Labs., 1989 Results, Lozier 1990 Results, Site Visit.

EPA FORM 2070-13 (7-81)

EPA

POTENTIAL HAZARDOUS WASTE SITE SITE INSPECTION REPORT PART 7 - OWNER INFORMATION

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
NY	961005

II. CURRENT OWNER(S) / PARENT COMPANY (If applicable)

01 NAME	02 D+B NUMBER	08 NAME	09 D+B NUMBER
Don Iwanicki, Trustee			
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	**04 SIC CODE**	**10 STREET ADDRESS (P.O. Box, RFD #, etc.)**	**11 SIC CODE**
ETE Corporation			
05 CITY / 06 STATE / 07 ZIP CODE		**12 CITY / 13 STATE / 14 ZIP CODE**	
Gainesville / NY / 14569			

01 NAME	02 D+B NUMBER	08 NAME	09 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	**04 SIC CODE**	**10 STREET ADDRESS (P.O. Box, RFD #, etc.)**	**11 SIC CODE**
05 CITY / 06 STATE / 07 ZIP CODE		**12 CITY / 13 STATE / 14 ZIP CODE**	

01 NAME	02 D+B NUMBER	08 NAME	09 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	**04 SIC CODE**	**10 STREET ADDRESS (P.O. Box, RFD #, etc.)**	**11 SIC CODE**
05 CITY / 06 STATE / 07 ZIP CODE		**12 CITY / 13 STATE / 14 ZIP CODE**	

01 NAME	02 D+B NUMBER	08 NAME	09 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	**04 SIC CODE**	**10 STREET ADDRESS (P.O. Box, RFD #, etc.)**	**11 SIC CODE**
05 CITY / 06 STATE / 07 ZIP CODE		**12 CITY / 13 STATE / 14 ZIP CODE**	

III. PREVIOUS OWNER(S) (List most recent first) / IV. REALTY OWNER(S) (If applicable; list most recent first)

01 NAME	02 D+B NUMBER	01 NAME	02 D+B NUMBER
Edward Hebert			
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	**04 SIC CODE**	**03 STREET ADDRESS (P.O. Box, RFD #, etc.)**	**04 SIC CODE**
3 South Main Street			
05 CITY / 06 STATE / 07 ZIP CODE		**05 CITY / 06 STATE / 07 ZIP CODE**	
Gainesville / NY / 14569			

01 NAME	02 D+B NUMBER	01 NAME	02 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	**04 SIC CODE**	**03 STREET ADDRESS (P.O. Box, RFD #, etc.)**	**04 SIC CODE**
05 CITY / 06 STATE / 07 ZIP CODE		**05 CITY / 06 STATE / 07 ZIP CODE**	

01 NAME	02 D+B NUMBER	01 NAME	02 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	**04 SIC CODE**	**03 STREET ADDRESS (P.O. Box, RFD #, etc.)**	**04 SIC CODE**
05 CITY / 06 STATE / 07 ZIP CODE		**05 CITY / 06 STATE / 07 ZIP CODE**	

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

Wyoming County Clerk's Office, Real Property Tax. Dept.
Hazardous Waste Registry Form

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 8 - OPERATOR INFORMATION

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
NY	961005

II. CURRENT OPERATOR (Provide if different from owner)

01 NAME	02 D+B NUMBER

03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE

05 CITY	06 STATE	07 ZIP CODE

08 YEARS OF OPERATION	09 NAME OF OWNER

OPERATOR'S PARENT COMPANY (If applicable)

10 NAME	11 D+B NUMBER

12 STREET ADDRESS (P.O. Box, RFD #, etc.)	13 SIC CODE

14 CITY	15 STATE	16 ZIP CODE

III. PREVIOUS OPERATOR(S) (List most recent first; provide only if different from owner)

01 NAME	02 D+B NUMBER

03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE

05 CITY	06 STATE	07 ZIP CODE

08 YEARS OF OPERATION	09 NAME OF OWNER DURING THIS PERIOD

PREVIOUS OPERATORS' PARENT COMPANIES (If applicable)

10 NAME	11 D+B NUMBER

12 STREET ADDRESS (P.O. Box, RFD #, etc.)	13 SIC CODE

14 CITY	15 STATE	16 ZIP CODE

01 NAME	02 D+B NUMBER

03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE

05 CITY	06 STATE	07 ZIP CODE

08 YEARS OF OPERATION	09 NAME OF OWNER DURING THIS PERIOD

10 NAME	11 D+B NUMBER

12 STREET ADDRESS (P.O. Box, RFD #, etc.)	13 SIC CODE

14 CITY	15 STATE	16 ZIP CODE

01 NAME	02 D+B NUMBER

03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE

05 CITY	06 STATE	07 ZIP CODE

08 YEARS OF OPERATION	09 NAME OF OWNER DURING THIS PERIOD

10 NAME	11 D+B NUMBER

12 STREET ADDRESS (P.O. Box, RFD #, etc.)	13 SIC CODE

14 CITY	15 STATE	16 ZIP CODE

IV. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

EPA FORM 2070-13 (7-81)

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 9 - GENERATOR/TRANSPORTER INFORMATION

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
NY	961005

II. ON-SITE GENERATOR

01 NAME	02 D+B NUMBER

03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE

05 CITY	06 STATE	07 ZIP CODE

III. OFF-SITE GENERATOR(S)

01 NAME	02 D+B NUMBER	01 NAME	02 D+B NUMBER
Almor Corp.		Morton Salt Div.	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	**04 SIC CODE**	**03 STREET ADDRESS (P.O. Box, RFD #, etc.)**	**04 SIC CODE**
220 S. Main Street		45 Ribaud Ave.	
05 CITY / **06 STATE** / **07 ZIP CODE**		**05 CITY** / **06 STATE** / **07 ZIP CODE**	
Warsaw / NY / 14569		Silver Springs / NY /	
01 NAME	**02 D+B NUMBER**	**01 NAME**	**02 D+B NUMBER**
Mallory Timers			
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	**04 SIC CODE**	**03 STREET ADDRESS (P.O. Box, RFD #, etc.)**	**04 SIC CODE**
05 CITY / **06 STATE** / **07 ZIP CODE**		**05 CITY** / **06 STATE** / **07 ZIP CODE**	
Warsaw / NY / 14569			

IV. TRANSPORTER(S)

01 NAME	02 D+B NUMBER	01 NAME	02 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	**04 SIC CODE**	**03 STREET ADDRESS (P.O. Box, RFD #, etc.)**	**04 SIC CODE**
05 CITY / **06 STATE** / **07 ZIP CODE**		**05 CITY** / **06 STATE** / **07 ZIP CODE**	
01 NAME	**02 D+B NUMBER**	**01 NAME**	**02 D+B NUMBER**
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	**04 SIC CODE**	**03 STREET ADDRESS (P.O. Box, RFD #, etc.)**	**04 SIC CODE**
05 CITY / **06 STATE** / **07 ZIP CODE**		**05 CITY** / **06 STATE** / **07 ZIP CODE**	

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

Almor Questionnaire, NYSDEC landfill inspection reports, William Uptegrove, personal communication

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 10 - PAST RESPONSE ACTIVITIES

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
NY	961005

II. PAST RESPONSE ACTIVITIES

01 ☐ A. WATER SUPPLY CLOSED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
none reported

01 ☐ B. TEMPORARY WATER SUPPLY PROVIDED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
none reported

01 ☐ C. PERMANENT WATER SUPPLY PROVIDED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
none reported

01 ☐ D. SPILLED MATERIAL REMOVED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
none reported

01 ☐ E. CONTAMINATED SOIL REMOVED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
none reported

01 ☐ F. WASTE REPACKAGED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
none reported

01 ☐ G. WASTE DISPOSED ELSEWHERE — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
none reported

01 ☐ H. ON SITE BURIAL — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
none reported

01 ☐ I. IN SITU CHEMICAL TREATMENT — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
none reported

01 ☐ J. IN SITU BIOLOGICAL TREATMENT — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
none reported

01 ☐ K. IN SITU PHYSICAL TREATMENT — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
none reported

01 ☐ L. ENCAPSULATION — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
none reported

01 ☐ M. EMERGENCY WASTE TREATMENT — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
none reported

01 ☐ N. CUTOFF WALLS — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
none reported

01 ☐ O. EMERGENCY DIKING/SURFACE WATER DIVERSION — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
none reported

01 ☐ P. CUTOFF TRENCHES/SUMP — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
none reported

01 ☐ Q. SUBSURFACE CUTOFF WALL — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
none reported

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 10 - PAST RESPONSE ACTIVITIES

I. IDENTIFICATION
01 STATE: NY | 02 SITE NUMBER: 961005

II PAST RESPONSE ACTIVITIES (Continued)

01 ☐ R. BARRIER WALLS CONSTRUCTED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
none reported

01 ☐ S. CAPPING/COVERING — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
none reported

01 ☐ T. BULK TANKAGE REPAIRED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
none reported

01 ☐ U. GROUT CURTAIN CONSTRUCTED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
none reported

01 ☐ V. BOTTOM SEALED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
none reported

01 ☐ W. GAS CONTROL — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
none reported

01 ☐ X. FIRE CONTROL — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
none reported

01 ☐ Y. LEACHATE TREATMENT — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
none reported

01 ☐ Z. AREA EVACUATED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
none reported

01 ☐ 1. ACCESS TO SITE RESTRICTED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
none reported

01 ☐ 2. POPULATION RELOCATED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
none reported

01 ☒ 3. OTHER REMEDIAL ACTIVITIES — 02 DATE 1990 — 03 AGENCY NYSDEC
04 DESCRIPTION
NYSDEC collected crushed drums from all over the site and put them under plastic.

III. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

site visit

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 11 - ENFORCEMENT INFORMATION

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
NY	961005

II. ENFORCEMENT INFORMATION

01 PAST REGULATORY/ENFORCEMENT ACTION ☒ YES ☐ NO

02 DESCRIPTION OF FEDERAL, STATE, LOCAL REGULATORY/ENFORCEMENT ACTION

New York State Supreme Court Order and Judgement, Index # 1324-78 to Cease all operations within 10 days. Served on July 23, 1979.

III. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analyses, reports)

REF. 20, NYSDEC files

EPA FORM 2070-13 (7-81)

APPENDIX C

Interview Documentation Forms

(4)

URS

AN INTERNATIONAL PROFESSIONAL SERVICES ORGANIZATION

May 16, 1990

URS CONSULTANTS
570 DELAWARE AVENUE
BUFFALO, NEW YORK 14202-1207
(716) 883-5525

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NEW ORLEANS
SAN FRANCISCO
SAN MATEO
SEATTLE
WASHINGTON, D.C.

REC
URS CONS.
JUN 4 1990
JOB#

Kenneth Wallace - Operator
Village of Warsaw Filtration Plant
Rock Glen
Warsaw, New York 14569

RE: WATER SUPPLY FOR VILLAGE OF WARSAW

Dear Mr. Wallace:

As I mentioned during our telephone conversation on May 25, 1990, URS Consultants, Inc. is currently conducting a Phase I investigation of the ETE Sanitation and Landfill on Broughton Road, Gainesville, Wyoming County, New York and the Warsaw Village Landfill on Industrial Avenue, Village of Warsaw, Wyoming County, New York.

We are performing this investigation under contract to the New York State Department of Environmental Conservation (NYSDEC) pursuant to the requirements of the New York State Environmental Conservation Law, Section 3-0309.

This is to confirm our telephone conversation wherein you provided the following information:

- The source of water for the Village of Warsaw is the source of the Oatka Creek, west of Miller Road on Cotton Creek Road in Wyoming County.
- The Village of Warsaw owns the approximately 300 acres which is the source of the creek. (360)
- This location is upstream from tributary to Cotton Creek which exits the ETE Sanitation and Landfill in Gainesville

We would appreciate it if you would review this information, note any necessary corrections, and return a signed and dated copy to indicate your concurrence. Your prompt attention to this would be greatly appreciated, as the information is necessary to complete our evaluation of the site.

Sincerely,

URS CONSULTANTS, INC.

Phyllis Rettke
Geologist

PR/ys
5-24-90L
35216.03 (File: 5000)

I agree with the information as it is presented.

Kenneth D. Wallace 5/29/90

Kenneth Wallace Date

RETTKE 7

URS RECEIVED
URS CONSULTANTS
AN INTERNATIONAL PROFESSIONAL SERVICES ORGANIZATION

JUN 11 1990

JOB# 35216.03 (5010)

cc: PR

June 1, 1990

URS CONSULTANTS, INC.
570 DELAWARE AVENUE
BUFFALO, NEW YORK 14202-1207
(716) 883-5525
FAX: (716) 883-0754

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CHICAGO
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NEW YORK
PARAMUS NJ
NEW ORLEANS
SAN FRANCISCO
SAN MATEO
SEATTLE
WALNUT CREEK
WASHINGTON DC

Mr. William Uptegrove
Linwood Avenue and North Street
Warsaw, New York 14569

RE: DUMPING BY MALLORY TIMERS AT THE WARSAW VILLAGE LANDFILL

Dear Mr. Uptegrove:

As I mentioned during our meeting on May 31, 1990, URS Consultants, Inc. is currently conducting a Phase I investigation of the Warsaw Village Landfill on Industrial Avenue, Warsaw, New York.

We are performing this investigation under contract to the New York State Department of Environmental Conservation (NYSDEC) pursuant to the requirements of the New York State Environmental Conservation Law, Section 3-0309.

This is to confirm our conversation wherein you provided the following information:

- Before using tankers to dispose of waste, waste was put in drums and dumped at both the Warsaw Village Landfill and ETE Landfill in Gainesville.
- Mallory Timers continued to dump at the Warsaw Village Landfill after the landfill was closed.
- There was a key available to open the access gate and dumping took place at night.
- Contaminated black plastic from refrigerator timers was dumped on the landfill to dispose of it.
- When Mallory Timers closed the Warsaw plant, many chemicals were dumped in an attempt to "clean house".
- Tankers were unloaded adjacent to the landfill, behind the sand pile, 200-300 yards from the landfill.

We would appreciate it if you would review this information, note any necessary corrections or additions, and return a signed and dated copy to indicate your concurrence. Your prompt attention to this would be greatly appreciated, as the information is necessary to complete our evaluation of the site.

Sincerely,
URS CONSULTANTS, INC.

Phyllis Rettke

Phyllis Rettke
Geologist

PR/ys
6-1-90L 35216.03 (File: 5010)

I agree with the information as it is presented.

William Uptegrove

6-4-90
Date

URS
AN INTERNATIONAL PROFESSIONAL SERVICES ORGANIZATION

JOB NO. 35216.03.10134 JOB NAME ETE - Warsaw

MEMO OF TELECON

DATE 5/14/90 TELEPHONE 786-8894

PERSON CALLING Phyllis Rettke PERSON CALLED Owen Coddy - Senior Sanitarian

REPRESENTING URS REPRESENTING Wyoming County Health Dept

PURPOSE OF TELECON AND/OR EQUIPMENT INVOLVED:

TEXT OF TELECON

Village of Warsaw ~~has~~ Public water, nearest residence 7-800 yds

ETE extremely isolated - samples within 6 months

Private wells (ETE) for water supply

ETE - downhill - leachate in field

no regulation on covering

waste from factories in Warsaw

Private wells located less than 1/2 mile

from site.

cc:

(13)

URS Company, Inc.
CONSULTING ENGINEERS
NEW YORK NEW JERSEY

JOB NO. 35216.03. 134/135

JOB TITLE ETE Sanitation and Landfill / Warsaw Village Landfill

MEMO OF TELECON

DATE 5/25/90 TELEPHONE # 786-8867

PERSON CALLING Phyllis Rattke PERSON CALLED Jack Fisher

REPRESENTING URS REPRESENTING Wyoming County Bureau of Fire

PURPOSE OF TELECON AND/OR EQUIPMENT INVOLVED:

TEXT OF TELECON

No threat from fire and explosion exists at other site.

CC:

URS URS Company, Inc.

JOB NO. 35216.03.134

JOB TITLE ETE Sanitation & Landfill

MEMO OF TELECON

DATE 5/14/90 TELEPHONE # 786-5070

PERSON CALLING Phyllis Rettke PERSON CALLED Brian Timothy

REPRESENTING URS REPRESENTING Soil Conservation Serv.

PURPOSE OF TELECON AND/OR EQUIPMENT INVOLVED:

TEXT OF TELECON

No irrigation in vicinity of ETE site.
Will provide prime agricultural land + soil maps

cc:

RETTKE (17)

URS

AN INTERNATIONAL PROFESSIONAL SERVICES ORGANIZATION

URS CONSULTANTS
570 DELAWARE AVENUE
BUFFALO, NEW YORK 14202-1207
(716) 883-5525

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SAN MATEO
SEATTLE
WASHINGTON, D.C.

May 30, 1990

Mr. Allen Putney
Village of Silver Springs
43 N. Main St.
Silver Springs, NY 14550

RE: VILLAGE OF SILVER SPRINGS WATER SUPPLY

Dear Mr. Putney:

As I mentioned during our telephone conversation on May 29, 1990, URS Consultants, Inc., is currently conducting a Phase I investigation of the ETE Sanitation and Landfill on Broughton Road, Gainesville, Wyoming County, New York.

We are performing this investigation under contract to the New York State Department of Environmental Conservation (NYSDEC) pursuant to the requirements of the New York State Environmental Conservation Law, Section 3-0309.

This is to confirm our telephone conversation wherein you provided the following information:

- The source of water for the Village of Silver Springs is two springs and two wells.
- The wells are located west of the village, across the railroad tracks on Broughton Road.
- The wells are deep, but the aquifer is not known to you. They are located within a building.

I am enclosing a copy of the USGS 7 1/2' topographic map of the Castile Quadrangle. Please indicate on the map the location of the well.

We would appreciate it if you would review this information, not any necessary corrections, and return a signed and dated copy to indicate your concurrence. Your prompt attention to this would be greatly appreciated, as the information is necessary to complete our evaluation of the site.

Sincerely,

URS CONSULTANTS, INC.
Phyllis Rettke
Phyllis Rettke
Geologist

PR:jk
5-29-90L.2
35216.03 (File: 5010)

RECEIVED
URS CONSULTANTS
JUN 6 1990
JOB# 35216.03 (5010)
P.R. ✓

I agree with the information as it is presented.

Allen Putney
Allen Putney

6/5/90
Date

(24)

URS
AN INTERNATIONAL PROFESSIONAL SERVICES ORGANIZATION

JOB NO. 35216.03.10134 JOB NAME ETE Sanitation and Landfill

MEMO OF TELECON

DATE 5/30/90 TELEPHONE 493-2175

PERSON CALLING Phyllis Rettke PERSON CALLED Mrs Merritt Broughton

REPRESENTING URS REPRESENTING Landowner, adjacent to site

PURPOSE OF TELECON AND/OR EQUIPMENT INVOLVED:

Well location

TEXT OF TELECON

Mr Broughton owns almost all of the land surrounding the ETE site.

They use a private well ½ 1 mile away

One field adjacent to site wouldn't grow crops after Morton salt dumped - seems to be ok now

Garage on Broughton Rd belongs to Town of Gainesville

cc:

(25)

URS
AN INTERNATIONAL PROFESSIONAL SERVICES ORGANIZATION

JOB NO. 35216.03.10134 JOB NAME ETE Sanitation and Landfill

MEMO OF TELECON

DATE 6/22/90 TELEPHONE

PERSON CALLING Owen Eddy PERSON CALLED Phyllis Rettke

REPRESENTING Wyoming County Health Dept REPRESENTING URS

PURPOSE OF TELECON AND/OR EQUIPMENT INVOLVED: —

Returned call - Water quality of 3 nearby wells

TEXT OF TELECON

There is no concern about the water in the wells - Tested 11/14/89 - 2 are upgradient and 3rd is more than ½ mile away. Need more info from monitoring wells.

cc:

(26)

URS

AN INTERNATIONAL PROFESSIONAL SERVICES ORGANIZATION

June 12, 1990

URS CONSULTANTS
570 DELAWARE AVENUE
BUFFALO, NEW YORK 14202-1207
(716) 883-5525

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SAN FRANCISCO
SAN MATEO
SEATTLE
WASHINGTON, D.C.

W13

Mrs. Hoff
Secretary to Superintendent of Schools
Letchworth Central Schools
5550 School Road
Gainesville, New York 14066

RE: STUDENT POPULATION AT LETCHWORTH CENTRAL SCHOOLS

Dear Mrs. Hoff:

As I mentioned during our telephone conversation on June 11, 1990, URS Consultants, Inc. is currently conducting a Phase I investigation of the ETE Sanitation and Landfill on Broughton Road, Gainesville, Wyoming County, New York.

We are performing this investigation under contract to the New York State Department of Environmental Conservation (NYSDEC) pursuant to the requirements of the New York State Environmental Conservation Law, Section 3-0309.

This is to confirm our telephone conversation wherein you provided the following information:

- The Letchworth Central Schools (Elementary and High School) are located within 3 miles of the ETE Sanitation and Landfill in Gainesville.
- The student population is 781 elementary students and 531 high school students for a total of 1,312 students.
- The school district covers a 124 square mile area.
- The students drink water from the school wells when at school.

We would appreciate it if you would review this information, note any necessary corrections, and return a signed and dated copy to indicate your concurrence. Your prompt attention to this would be greatly appreciated, as the information is necessary to complete our evaluation of the site. Please use enclosed return envelope.

Sincerely,

URS CONSULTANTS, INC.

Phyllis Rettke

Phyllis Rettke
Geologist

PR/ys
6-12-0L
35216.03 (File: 5010)

I agree with the information as it is presented.

Charles R Pegan Supt. 6/14/90

Mrs. Hoff — Date

(27)

URS

AN INTERNATIONAL PROFESSIONAL SERVICES ORGANIZATION

JOB NO. 35216.03.10134 JOB NAME ETE Sanitation and Landfill

MEMO OF TELECON

DATE 6/11/90 TELEPHONE 1-786-8828

PERSON CALLING Phyllis A Rettke PERSON CALLED Mary Lambros

REPRESENTING URS Consultants REPRESENTING Real Property Tax Office Wyoming County Clerk's Off

PURPOSE OF TELECON AND/OR EQUIPMENT INVOLVED: Confirmation of current owner of ETE Site

TEXT OF TELECON

Current owner ETE Corporation (same as on registry sheet)
Don Iwanicki, Trustee

Tax bills go to Ed Herbert
c/o Glen Rock Restaurant

CC: _____

URS URS Company, Inc.

JOB NO. 35216.03-134

JOB TITLE ETE Sanitation & Landfill

MEMO OF TELECON

DATE 6/25/90 TELEPHONE #

PERSON CALLING Phyllis Rettke PERSON CALLED Kevin Glaser

REPRESENTING URS REPRESENTING NYSDEC

PURPOSE OF TELECON AND/OR EQUIPMENT INVOLVED:

TEXT OF TELECON

19 drums on site overpacked - will be disposed of -

liquids probably generated

solids - landfill ?

Stained soils will be disposed of in an appropriate manner.

May be hard to get rid of the crushed drums

CC:

URS

AN INTERNATIONAL PROFESSIONAL SERVICES ORGANIZATION

May 16, 1990

URS CONSULTANTS
570 DELAWARE AVENUE
BUFFALO, NEW YORK 14202-1207
(716) 883-5525

Distribution		
PR		
CH		
FILE	35216-03	

5010

Ms. Judy Foote
Town of Gainesville Assessor
5080 School Road
Gainesville, New York 14066

RE: GAINSVILLE WATER SUPPLY

Dear Ms. Foote:

As I mentioned during our telephone conversation on May 14, 1990, URS Consultants, Inc. is currently conducting a Phase I investigation of the ETE Sanitation and Landfill on Broughton Road, Gainesville, Wyoming County, New York.

We are performing this investigation under contract to the New York State Department of Environmental Conservation (NYSDEC) pursuant to the requirements of the New York State Environmental Conservation Law, Section 3-0309.

This is to confirm our telephone conversation wherein you provided the following information:

- The population of the Town of Gainesville is served entirely by private wells.
- The Village of Silver Springs, which is approximately 4 miles south of the ETE site, has a municipal water supply.
- Only 2 residences are close to the landfill. One approximately 1000' and one about 1/4 mile away. The nearest private well is 1000' from the ETE site.

We would appreciate it if you would review this information, note any necessary corrections, and return a signed and dated copy to indicate your concurrence. Your prompt attention to this would be greatly appreciated, as the information is necessary to complete our evaluation of the site.

Sincerely,

URS CONSULTANTS, INC.

Phyllis Rettke

Phyllis Rettke
Geologist

PR/ys
5-16-90.L
35216.03 (File: 5010)

I agree with the information as it is presented.

Judy Foote

Judy Foote

6-14-90

Date

URS
AN INTERNATIONAL PROFESSIONAL SERVICES ORGANIZATION

JOB NO. 55231.00.134 JOB NAME ETE

MEMO OF TELECON

DATE 11/20/90 TELEPHONE 716-493-2664

PERSON CALLING Phyllis Rettke PERSON CALLED Judy Foote

REPRESENTING URS REPRESENTING Town of Varnesville

PURPOSE OF TELECON AND/OR EQUIPMENT INVOLVED:

TEXT OF TELECON

The Highway Dept. on Broughton road does not have a well. The building is used to store equipment for salting roads in the winter.

cc:

APPENDIX D

Hazard Ranking System

Facility name: ETE Sanitation and Landfill

Location: Gainesville, New York

EPA Region: II

Person(s) in charge of the facility:

Name of Reviewer: Phyllis Rettke Date: 6/25/90

General description of the facility:

(For example: landfill, surface impoundment, pile, container; types of hazardous substances; location of the facility; contamination route of major concern; types of information needed for rating; agency action, etc.)

The ETE Sanitation and Landfill is located on Broughton Road in Gainesville, New York. It is a landfill which was operated without a permit for 7 years and accepted hazardous industrial waste as well as municipal waste. Leachate is evident all over the landfill. Plastic trash bags and rusted drums are protruding from the landfill surfce. Hazardous substances at the ETE site include leaded paint sludge and plating wastes. Groundwater and surface water are potentially affected by contamination migrating offsite.

Scores: S_M = 38.06 S_{gw} = 65.85 S_{sw} = 0.0 S_a = 0.0)

S_{FE} = 0

S_{DC} = 25

HRS COVER SHEET

Ground Water Route Work Sheet					
Rating Factor	Assigned Value (Circle One)	Multiplier	Score	Max. Score	Ref. (Section)
1 Observed Release	(0) 45	1	0	45	3.1
If observed release is given a score of 45, proceed to line 4. If observed release is given a score of 0, proceed to line 2.					
2 Route Characteristics					3.2
Depth to Aquifer of Concern	0 1 2 (3)	2	6	6	
Net Precipitation	0 1 (2) 3	1	2	3	
Permeability of the Unsaturated Zone	0 1 (2) 3	1	2	3	
Physical State	0 1 2 (3)	1	3	3	
Total Route Characteristics Score			13	15	
3 Containment	0 1 2 (3)	1	3	3	3.3
4 Waste Characteristics					3.4
Toxicity/Persistence	0 3 6 9 12 15 (18)	1	18	18	
Hazardous Waste Quantity	0 1 2 3 (4) 5 6 7 8	1	4	8	
Total Waste Characteristics Score			22	26	
5 Targets					3.5
Ground Water Use	0 1 2 (3)	3	9	9	
Distance to Nearest Well/Population Served	0 4 6 8 10 12 16 18 20 24 30 32 (35) 40	1	35	40	
Total Targets Score			44	49	
6 If line 1 is 45, multiply 1 x 4 x 5 / If line 1 is 0, multiply 2 x 3 x 4 x 5	37,752 →			57,330	
7 Divide line 6 by 57,330 and multiply by 100	S_{gw} = 65.85				

GROUND WATER ROUTE WORK SHEET

Surface Water Route Work Sheet					
Rating Factor	Assigned Value (Circle One)	Multi-plier	Score	Max. Score	Ref. (Section)
1 Observed Release	(0) 45	1	0	45	4.1
If observed release is given a value of 45, proceed to line 4. If observed release is given a value of 0, proceed to line 2.					
2 Route Characteristics					4.2
Facility Slope and Intervening Terrain	(0) 1 2 3	1	0	3	
1-yr. 24-hr. Rainfall	0 1 (2) 3	1	2	3	
Distance to Nearest Surface Water	0 1 2 (3)	2	6	6	
Physical State	0 1 2 (3)	1	3	3	
Total Route Characteristics Score			11	18	
3 Containment	0 1 2 (3)	1	3	3	4.3
4 Waste Characteristics					4.4
Toxicity/Persistence	0 3 6 9 12 15 (18)	1	18	18	
Hazardous Waste Quantity	0 1 2 3 (4) 5 6 7 8	1	4	8	
Total Waste Characteristics Score			22	26	
5 Targets					4.5
Surface Water Use	(0) 1 2 3	3	0	9	
Distance to a Sensitive Environment	(0) 1 2 3	2	0	6	
Population Served/Distance to Water Intake Downstream	(0) 4 6 8 10 12 16 18 20 24 30 32 35 40	1	0	40	
Total Targets Score			0	55	
6 If line 1 is 45, multiply 1 x 4 x 5. If line 1 is 0, multiply 2 x 3 x 4 x 5				64,350	
7 Divide line 6 by 64,350 and multiply by 100		S_{sw} = 0.00			

SURFACE WATER ROUTE WORK SHEET

Air Route Work Sheet					
Rating Factor	Assigned Value (Circle One)	Multiplier	Score	Max. Score	Ref. (Section)
1 Observed Release	(0) 45	1	0	45	5.1
Date and Location:					
Sampling Protocol:					
If line 1 is 0, the S_a = 0. Enter on line 5. If line 1 is 45, then proceed to line 2.					
2 Waste Characteristics					5.2
Reactivity and Incompatibility	0 1 2 3	1		3	
Toxicity	0 1 2 3	3		9	
Hazardous Waste Quantity	0 1 2 3 4 5 6 7 8	1		8	
	Total Waste Characteristics Score			20	
3 Targets					5.3
Population Within 4-Mile Radius	0 9 12 15 18 21 24 27 30	1		30	
Distance to Sensitive Environment	0 1 2 3	2		6	
Land Use	0 1 2 3	1		3	
	Total Targets Score			39	
4 Multiply 1 x 2 x 3				35,100	
5 Divide line 4 by 35,100 and multiply by 100		S_a = 0			

AIR ROUTE WORK SHEET

	S	S^2
Groundwater Route Score (S_{gw})	65.85	4336.22
Surface Water Route Score (S_{sw})	0.0	0.00
Air Route Score (S_a)	0.00	0.00
$S_{gw}^2 + S_{sw}^2 + S_a^2$		4336.22
$\sqrt{S_{gw}^2 + S_{sw}^2 + S_a^2}$		65.85
$\sqrt{S_{gw}^2 + S_{sw}^2 + S_a^2} \,/\, 1.73 = S_M =$		38.06

WORKSHEET FOR COMPUTING S_M

Fire and Explosion Work Sheet						
Rating Factor	Assigned Value (Circle One)	Multiplier	Score	Max. Score	Ref. (Section)	
1 Containment	1 (3)	1	3	3	7.1	
2 Waste Characteristics					7.2	
Direct Evidence	(0) 3	1	0	3		
Ignitability	0 1 2 (3)	1	3	3		
Reactivity	(0) 1 2 3	1	0	3		
Incompatibility	(0) 1 2 3	1	0	3		
Hazardous Waste Quantity	0 1 2 3 (4) 5 6 7 8	1	4	8		
Total Waste Characteristics Score			7	20		
3 Targets					7.3	
Distance to Nearest Population	(0) 1 2 3 4 5	1	0	5		
Distance to Nearest Building	(0) 1 2 3	1	0	3		
Distance to Sensitive Environment	(0) 1 2 3	1	0	3		
Land Use	(0) 1 2 3	1	0	3		
Population Within 2-Mile Radius	(0) 1 2 3 4 5	1	0	5		
Buildings Within 2-Mile Radius	(0) 1 2 3 4 5	1	0	5		
Total Targets Score			0	24		
4 Multiply 1 x 2 x 3				1,440		
5 Divide line 4 by 1,440 and multiply by 100		S_{FE} = 0				

FIRE AND EXPLOSION WORK SHEET

Direct Contact Work Sheet					
Rating Factor	Assigned Value (Circle One)	Multiplier	Score	Max. Score	Ref. (Section)
1 Observed Incident	(0) 45	1	0	45	8.1
If line 1 is 45, proceed to line 4 If line 1 is 0, proceed to line 2					
2 Accessibility	0 1 2 (3)	1	3	3	8.2
3 Containment	0 (15)	1	15	15	8.3
4 Waste Characteristics Toxicity	0 1 2 (3)	5	15	15	8.4
5 Targets					8.5
Population Within a 1-Mile Radius	0 1 (2) 3 4 5	4	8	20	
Distance to a Critical Habitat	(0) 1 2 3	4	0	12	
Total Targets Score			8	32	
6 If line 1 is 45, multiply 1 x 4 x 5 If line 1 is 0, multiply 2 x 3 x 4 x 5				21,600	
7 Divide line 6 by 21,600 and multiply by 100	S_{DC} = 25				

DIRECT CONTACT WORK SHEET

GROUNDWATER ROUTE

1 OBSERVED RELEASE

none reported

o CONTAMINANTS DETECTED (5 MAXIMUM):

NA

o RATIONALE FOR ATTRIBUTING THE CONTAMINANTS TO THE FACILITY:

NA

SCORE=0

2. ROUTE CHARACTERISTICS

DEPTH TO AQUIFER OF CONCERN

o NAME/DESCRIPTION OF AQUIFER(S) OF CONCERN:

Pleistocene sands and gravel

o DEPTH(S) FROM THE GROUND SURFACE TO THE HIGHEST SEASONAL LEVEL OF THE SATURATED ZONE [WATER TABLE(S)] OF THE AQUIFER OF CONCERN:

30 inches(REF. 5)

o DEPTH FROM THE GROUND SURFACE TO THE LOWEST POINT OF WASTE DISPOSAL/STORAGE:

disposal was on the surface, partially covered with soil

SCORE=3

NET PRECIPITATION

o MEAN ANNUAL OR SEASONAL PRECIPITATION(LIST MONTHS FOR SEASONAL):

40 inches annually(REF.2)

o MEAN ANNUAL OR SEASONAL EVAPORATION (LIST MONTHS FOR SEASONAL):

27 inches annually(REF. 12)

o NET PRECIPITATION (SUBTRACT THE ABOVE FIGURES):

13 inches

SCORE=2

PERMEABILITY OF UNSATURATED ZONE

o SOIL TYPE IN UNSATURATED ZONE:

Bath-Valois gravelly loam, Alden mucky silt loam

o PERMEABILITY ASSOCIATED WITH SOIL TYPE:

10^{-4} to 10^{-5} cm/sec(REF. 5)

SCORE=2

PHYSICAL STATE

o PHYSICAL STATE OF SUBSTANCES AT TIME OF DISPOSAL (OR AT PRESENT TIME FOR GENERATED GASES):

solids, sludges, liquids(REF. 1)

SCORE=3

3. CONTAINMENT

CONTAINMENT

o METHOD(S) OF WASTE OR LEACHATE CONTAINMENT EVALUATED:

no liner, landfill soil makeup encourages ponding

o METHOD WITH THE HIGHEST SCORE:

no liner

SCORE=3

4. WASTE CHARACTERISTICS

TOXICITY AND PERSISTENCE

o COMPOUND(S) EVALUATED:

leaded paint sludge(REF.1)

o COMPOUND WITH THE HIGHEST SCORE:

lead compounds

SCORE=18

HAZARDOUS WASTE QUANTITY

o TOTAL QUANTITY OF HAZARDOUS SUBSTANCES AT THE FACILITY, EXCLUDING THOSE WITH A CONTAINMENT SCORE OF 0(GIVE A REASONABLE ESTIMATE EVEN IF QUANTITY IS ABOVE MAXIMUM):

150 tons(REF. 1)

SCORE=4

o BASIS OF ESTIMATING AND/OR COMPUTING WASTE QUANTITY:

Hazardous Waste Questionnaire completed by Almor Corp.

5. TARGETS

GROUNDWATER USE

o USE(S) OF AQUIFER(S) OF CONCERN WITHIN A 3-MILE RADIUS OF THE FACILITY:

groundwater is used by approximately 3331 people within 3 miles of the site[this includes 2655 from house count(REF. 3) + 1/2 the student population of 1312(656) of the Letchworth Central Schools. (REF. 26)

SCORE=3

DISTANCE OF NEAREST WELL

o LOCATION OF NEAREST WELL DRAWING FROM AQUIFER OF CONCERN OR OCCUPIED BUILDING NOT SERVED BY A PUBLIC WATER SUPPLY:

across Broughton Road from ETE site(REF. 16)

o DISTANCE TO ABOVE WELL OR BUILDING:

1500 feet(REF. 3)

POPULATION SERVED BY GROUNDWATER WELL WITHIN A 3-MILE RADIUS

o IDENTIFIED WATER-SUPPLY WELL(S) DRAWING FROM AQUIFER(S) OF CONCERN WITHIN A 3-MILE RADIUS AND POPULATIONS SERVED BY EACH:

The entire population of Gainesville is served by private wells. The Village of Silver Springs is supplied from a combination of ground water and surface water and the wells are located less than 2 miles from the site.The student population of the Letchworth Central Schools drinks well water while on campus. (REF. 9,17,26)

o COMPUTATION OF LAND AREA IRRIGATED BY SUPPLY WELL(S) DRAWING FROM AQUIFER(S) OF CONCERN WITHIN A 3-MILE RADIUS, AND CONVERSION TO POPULATION(1.5 PEOPLE PER ACRE):

none reported

o TOTAL POPULATION SERVED BY GROUNDWATER WITHIN A 3-MILE RADIUS:

3331 people

SCORE=4

SURFACE WATER ROUTE

1. OBSERVED RELEASE

o CONTAMINANTS DETECTED IN SURFACE WATER AT THE FACILITY OR DOWNHILL FROM IT (5 MAXIMUM):

none reported

o RATIONALE FOR ATTRIBUTING THE CONTAMINANTS TO THE FACILITY:

NA

SCORE=0

2. ROUTE CHARACTERISTICS

FACILITY SLOPE AND INTERVENING TERRAIN

o AVERAGE SLOPE OF THE FACILITY IN PERCENT:

0 to 3%

o NAME/DESCRIPTION OF THE NEAREST DOWNSLOPE SURFACE WATER:

tributary of Oatka Creek

o AVERAGE SLOPE OF TERRAIN BETWEEN FACILITY AND ABOVE-CITED SURFACE WATER IN PERCENT:

0 to 2%

o IS THE FACILITY LOCATED EITHER TOTALLY OR PARTIALLY IN SURFACE WATER?:

yes, leachate collection pond near northern edge of the property

SCORE=3

o IS THE FACILITY COMPLETELY SURROUNDED BY AREAS OF HIGHER ELEVATION?

no(REF.3)

1-YEAR 24 HOUR RAINFALL IN INCHES

2.5 inches(REF 12)

SCORE=2

DISTANCE TO NEAREST DOWNSLOPE SURFACE WATER

The leachate collection pond empties into an intemittant tributary of Oatka Creek which enters the creek 4000 feet north of the site.

SCORE=3

PHYSICAL STATE OF WASTE

Solids, sludges, liquids

SCORE=3

3. CONTAINMENT

CONTAINMENT

o METHOD(S) OF WASTE OR LEACHATE CONTAINMENT EVALUATED:

no liner, leachate pond exits to creek

o METHOD WITH THE HIGHEST SCORE:

no liner

SCORE=3

4. WASTE CHARACTERISTICS

TOXICITY AND PERSISTENCE

o COMPOUND(S) EVALUATED

lightly leaded paint sludge, salt(REF. 1, 21)

o COMPOUND WITH THE HIGHEST SCORE:

lead

SCORE=18

HAZARDOUS WASTE QUANTITY

o TOTAL QUANTITY OF HAZARDOUS SUBSTANCES AT THE FACILITY EXCLUDING THOSE WITH A CONTAINMENT SCORE OF 0 (GIVE A REASONABLE ESTIMATE EVEN IF QUANTITY IS ABOVE MAXIMUM):

150 tons(REF. 1)

SCORE=4

o BASIS OF ESTIMATING AND/OR COMPUTING WASTE QUANTITY:

Hazardous waste questionnaire completed by Almor Corp.

5. TARGETS

SURFACE WATER USE

o USE(S) OF SURFACE WATER WITHIN 3 MILES DOWNSTREAM OF THE HAZARDOUS SUBSTANCE:

none reported

o IS THERE TIDAL INFLUENCE?

no

DISTANCE TO SENSITIVE ENVIRONMENT

o DISTANCE TO A 5-ACRE(MINIMUM) COASTAL WETLAND, IF 2 MILES OR LESS:

NA

o DISTANCE TO A 5 ACRE (MINIMUM) FRESH-WATER WETLAND, IF 1 MILE OR LESS:

no wetlands are located within 1 mile

o DISTANCE TO CRITICAL HABITAT OF AN ENDANGERED SPECIES OR NATIONAL WILDLIFE REFUGE, IF 1 MILE OR LESS:

no critical habitat of endangered species reported within 1 mile

SCORE=0

POPULATION SERVED BY SURFACE WATER

o LOCATION(S) OF WATER-SUPPLY INTAKE(S) WITHIN 3 MILES(FREE-FLOWING BODIES) OR 1 MILE (STATIC WATER BODIES) DOWNSTREAM OF THE HAZARDOUS SUBSTANCE AND POPULATION SERVED BY EACH INTAKE:

none

o COMPUTATION OF LAND AREA IRRIGATED BY ABOVE-CITED INTAKE(S) AND CONVERSION TO POPULATION (1.5 PEOPLE PER ACRE):

none reported

o TOTAL POPULATION SERVED

0

o NAME/DESCRIPTION OF NEAREST ABOVE-CITED WATER BODIES:

NA

o DISTANCE TO ABOVE-CITED INTAKES, MEASURED IN STREAM MILES:

NA

SCORE=0

AIR ROUTE

1. OBSERVED RELEASE

o CONTAMINANTS DETECTED:

none detected

o DATE AND LOCATION OF DETECTION OF CONTAMINANTS:

5/22/90, Gainesville, N.Y.

o METHODS USED TO DETECT THE CONTAMINANTS:

HNu

o RATIONALE FOR ATTRIBUTING THE CONTAMINANTS TO THE SITE:

NA

SCORE=0

2. WASTE CHARACTERISTICS

REACTIVITY AND INCOMPATIBILITY

o MOST REACTIVE COMPOUND

none reported

o MOST INCOMPATIBLE PAIR OF COMPOUNDS

none reported

SCORE=0

TOXICITY

o MOST TOXIC COMPOUND

NA

SCORE=0

HAZARDOUS WASTE QUANTITY

o TOTAL QUANTITY OF HAZARDOUS WASTE:

none reported

SCORE-0

o BASIS OF ESTIMATING AND/OR COMPUTING WASTE QUANTITY:

NA

3 TARGETS

POPULATION WITHIN 4-MILE RADIUS

o UNDERLINE RADIUS USED, GIVE POPULATION AND INDICATE HOW DETERMINED:

3564 People, House count of 4 mile radius from the site (USGS Topo Maps, Warsaw 1972,Castile 1976,Pike 1972,Portageville 1976)

0 TO 4 MI 0 TO 1 MI 0 TO 0.5 MI 0 TO 0.25 MI

SCORE-18

DISTANCE TO A SENSITIVE ENVIRONMENT

o DISTANCE TO 5 ACRE (MINIMUM) COASTAL WETLAND, IF 2 MILES OR LESS:

no coastal wetlands are located within 1 mile of the site

o DISTANCE TO 5 ACRE (MINIMUM) FRESH WATER WETLAND, IF 1 MILE OR LESS:

no freshwater wetlands are located within 1 mile of the site

o DISTANCE TO CRITICAL HABITAT OF AN ENDANGERED SPECIES, IF 1 MILE OR LESS:

no critical habitat of an endangered species is located within 1 mile of the site.

SCORE=0

LAND USE

o DISTANCE TO COMMERCIAL/INDUSTRIAL AREA , IF 1 MILE OR LESS:

NA

o DISTANCE TO NATIONAL OR STATE PARK, FOREST, OR WILDLIFE RESERVE, IF 2 MILES OR LESS:

none within 2 miles of the site

o DISTANCE TO RESIDENTIAL AREA, IF 2 MILES OR LESS:

NA

o DISTANCE TO AGRICULTURAL LAND IN PRODUCTION WITHIN THE LAST 5 YEARS, IF 1 MILE OR LESS:

less than 100 feet

o DISTANCE TO PRIME AGRICULTURAL LAND IN PRODUCTION WITHIN PAST YEARS, IF 2 MILES OR LESS:

2000 feet

o IS A HISTORICAL OR LANDMARK SITE(NATIONAL REGISTER OR HISTORIC PLACES AND NATIONAL NATURAL LANDMARKS) WITHIN VIEW OF THE SITE?

no

SCORE=0

FIRE AND EXPLOSION

1. CONTAINMENT

o HAZARDOUS SUBSTANCES PRESENT:

There is no threat of fire or explosion as reported by the Wyoming County Bureau of Fire at this site. There does exist a possibility of fire because some of the 19 drums onsite are ignitable. These drums are all overpacked.

o TYPE OF CONTAINMENT, IF APPLICABLE:

no threat of fire or explosion at this site

SCORE=0

2. WASTE CHARACTERISTICS

DIRECT EVIDENCE

o TYPE OF INSTRUMENT AND MEASUREMENTS:

none reported

SCORE=0

IGNITABILITY

o COMPOUND USED

Drum contents, waste solvents(REF. 30)

SCORE=3

REACTIVITY

o MOST REACTIVE COMPOUND:

less than 15 mg/kg (sulfide)

SCORE=0

INCOMPATIBILITY

o MOST INCOMPATIBLE PAIR OF COMPOUNDS:

unknown

SCORE=0

HAZARDOUS WASTE QUANTITY

o TOTAL QUANTITY OF HAZARDOUS SUBSTANCES AT THE FACILITY:

150 tons(REF. 1)

SCORE=4

o BASIS OF ESTIMATING AND/OR COMPUTING WASTE QUANTITY:

REF. 1
3 TARGETS

DISTANCE TO NEAREST POPULATION

no threat of fire or explosion (REF. 13)

SCORE=0

DISTANCE TO NEAREST BUILDING

no threat of fire or explosion reported (REF. 13)

SCORE=0

DISTANCE TO SENSITIVE ENVIRONMENT

o DISTANCE TO WETLANDS

no threat of fire or explosion reported(REF. 15)

o DISTANCE TO CRITICAL HABITAT:

no threat of fire or explosion reported

SCORE=0

LAND USE

o DISTANCE TO COMMERCIAL/INDUSTRIAL AREA

no threat of fire or explosion reported

o DISTANCE TO NATIONAL OR STATE PARK, FOREST OF WILDLIFE RESERVE, IF 2 MILES OR LESS:

no threat of fire or explosion reported

o DISTANCE TO RESIDENTIAL AREA, IF 2 MILES OR LESS:

no threat of fire or explosion reported

o DISTANCE TO AGRICULTURAL LAND IN PRODUCTION WITHIN PAST 5 YEARS, IF 1 MILE OR LESS:

no threat of fire or explosion reported

o DISTANCE TO PRIME AGRICULTURAL LAND IN PRODUCTION WITHIN PAST 5 YEARS, IF 2 MILES OR LESS:

no threat of fire or explosion reported

o IF A HISTORIC OR LANDMARK SITE (NATIONAL REGISTER OF HISTORIC PLACES AND NATIONAL NATURAL LANDMARKS) WITHIN VIEW OF THE SITE?

no threat of fire or explosion reported

SCORE=0

POPULATION WITHIN 2 MILE RADIUS

no threat of fire or explosion reported

SCORE=0

BUILDINGS WITHIN A 2 MILE RADIUS

no threat of fire or explosion reported

SCORE=0

DIRECT CONTACT

1. OBSERVED INCIDENT
o DATE, LOCATION AND PERTINENT DETAILS OF INCIDENT:

none reported

SCORE=0

2. ACCESSIBILITY
o DESCRIBE TYPE OF BARRIER(S):

locked gate across access road, otherwise site has no barriers

SCORE=3

3. CONTAINMENT
o TYPE OF CONTAINMENT, IF APPLICABLE:

no containment

SCORE=15

4. WASTE CHARACTERISTICS
TOXICITY
o COMPOUNDS EVALUATED

leaded paint sludge

o COMPOUND WITH HIGHEST SCORE:

lead

SCORE=3

5 TARGETS
POPULATION WITHIN 1 MILE RADIUS

171 People

SCORE=2

DISTANCE TO CRITICAL HABITAT (OF ENDANGERED SPECIES)

no critical habitat of endangered species within 1 mile

SCORE=0