

932027
2a



SC ✓

COMPLETED

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
EXECUTIVE SUMMARY

Witmer Road Site NYD980509459
Site Name EPA Site ID Number

Niagara Falls, New York 02-8706-08
Address TDD Number

Date of Site Visit: July 21, 1987

DRAFT

SITE DESCRIPTION

The Witmer Road Site is located on Witmer Road in Niagara Falls, Niagara County, New York. It is located in a commercial/industrial section of Niagara Falls with scattered clusters of older urban homes. The entire site is approximately 15 acres in size with the area of disposal being approximately 1 acre.

This site has been used since the 1940s for open dumping and refuse burning. Furniture, wood, and paper were burned in open pits by the City of Niagara Falls. Numerous citizen complaints in the 1960s resulted in the discontinuation of the burning activities. Industrial wastes reportedly disposed of on site include materials cleaned out of air pollution equipment, lime cleanouts, slag, and other miscellaneous wastes. Sporadic scavenger dumping of refuse on site appears to be continuing to a limited extent. In 1982, the USGS collected soil samples at the site and detected copper and priority pollutant organic compounds.

The ownership history of the site is unknown; however, the present owners of the disposal area were identified as Mr. Adolph Kachinoski of Kach's Scrap Company, Mr. Ryding of Sartorian Company, Mr. Garlock, Mr. Zygmunt, and Mr. Burtwell. Niagara Mohawk also owns rights-of-way on the disposal site. Currently, the site is used for scrapyards and as an easement for high voltage towers belonging to Niagara Mohawk.

On July 21, 1987, NUS Corporation FIT 2, conducted a site investigation at this site and collected four soil samples in the old burn pits and surrounding areas.

Prepared by: Elizabeth Torpey Date: 07/21/87
of NUS Corporation

9166

2

1971-1972

1971-1972

SITE INSPECTION REPORT
PART 1 - SITE LOCATION AND INSPECTION INFORMATION

01 STATE 02 SITE NUMBER
NY D980509459

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site) 02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER
Witmer Road Site Witmer Road and Maryland Avenue
03 CITY 04 STATE 05 ZIP CODE 06 COUNTY 07 COUNTY CODE 08 CONG DIST.
Niagara Falls NY 14305 Niagara 063 36
09 COORDINATES
LATITUDE LONGITUDE
4 30 0 7' 1 9".N 0 7 90 0 2' 4 1".W
10 TYPE OF OWNERSHIP (Check one)
 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
7 / 21 / 87 ACTIVE 1940s / still active UNKNOWN
MONTH DAY YEAR INACTIVE BEGINNING YEAR ENDING YEAR

AGENCY PERFORMING INSPECTION (Check all that apply)
 A. EPA B. EPA CONTRACTOR NUS Corp., Edison, NJ C. MUNICIPAL D. MUNICIPAL CONTRACTOR
(Name of firm) (Name of firm)
 E. STATE F. STATE CONTRACTOR G. OTHER (Specify)
(Name of firm)

05 CHIEF INSPECTOR 06 TITLE 07 ORGANIZATION 08 TELEPHONE NO.
Elizabeth Torpey Environmental Scientist NUS Corporation (201) 225-6160
09 OTHER INSPECTORS 10 TITLE 11 ORGANIZATION 12 TELEPHONE NO.
Pete Morton Geologist NUS Corporation (201) 225-6160
Rich Feinberg Geologist NUS Corporation (201) 225-6160
Laurie Gneiding Toxicologist NUS Corporation (201) 225-6160
Michael Bauman Geologist NUS Corporation (201) 225-6160

DRAFT

13 SITE REPRESENTATIVES INTERVIEWED 14 TITLE 15 ADDRESS 16 TELEPHONE NO.
Bill Kachinoski Site Operator 4800 Witmer Road (716) 282-3455
Niagara Falls, NY 14305

17 ACCESS GAINED BY (Check one) 18 TIME OF INSPECTION 19 WEATHER CONDITIONS
 PERMISSION 0925 Clear, Sunny, 85°F, wind from southeast at 10-20 mph.
 WARRANT

IV. INFORMATION AVAILABLE FROM

01 CONTACT 02 OF (Agency/Organization) 03 TELEPHONE NO.
Diana Messina EPA Region 2, Edison, N.J. (201) 321-6776

04 PERSON RESPONSIBLE FOR SITE INSPECTION FORM 05 AGENCY 06 ORGANIZATION 07 TELEPHONE NO. 08 DATE
Elizabeth Torpey EPA NUS Corporation (201) 225-6160 8 / 10 / 87
MONTH DAY YEAR

II. WASTE STATES, QUANTITIES, AND CHARACTERISTICS

01 PHYSICAL STATES (Check all that apply)		02 WASTE QUANTITY AT SITE		03 WASTE CHARACTERISTICS (Check all that apply)				
<input checked="" type="checkbox"/> A. SOLID	<input type="checkbox"/> E. SLURRY	(Measures of waste quantities must be independent)	TONS <u>Unknown</u> CUBIC YARDS _____ NO. OF DRUMS _____	<input checked="" type="checkbox"/> A. TOXIC	<input type="checkbox"/> E. SOLUBLE	<input type="checkbox"/> I. HIGHLY VOLATILE		
<input checked="" type="checkbox"/> B. POWDER, FINES	<input type="checkbox"/> F. LIQUID			<input type="checkbox"/> B. CORROSIVE	<input type="checkbox"/> F. INFECTIOUS	<input type="checkbox"/> J. EXPLOSIVE		
<input type="checkbox"/> C. SLUDGE	<input type="checkbox"/> G. GAS			<input type="checkbox"/> C. RADIOACTIVE	<input type="checkbox"/> G. FLAMMABLE	<input type="checkbox"/> K. REACTIVE		
<input type="checkbox"/> D. OTHER _____ (Specify)				<input checked="" type="checkbox"/> D. PERSISTENT	<input type="checkbox"/> H. IGNITABLE	<input type="checkbox"/> L. INCOMPATIBLE	<input type="checkbox"/> M. NOT APPLICABLE	

III. WASTE TYPE

CATEGORY	SUBSTANCE NAME	01 GROSS AMOUNT	02 UNIT OF MEASURE	03 COMMENTS
SLU	SLUDGE			
OLW	OILY WASTE			
SOL	SOLVENTS	Unknown		
PSD	PESTICIDES			
OCC	OTHER ORGANIC CHEMICALS	Unknown		
IOC	INORGANIC CHEMICALS			
ACD	ACIDS			
BAS	BASES			
MES	HEAVY METALS	Unknown		

DRAFT

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

CATEGORY	02 SUBSTANCE NAME	03 CAS NUMBER	04 STORAGE/DISPOSAL METHOD	05 CONCENTRATION	06 MEASURE OF CONCENTRATION
SOL	Benzene	71-43-2	Unknown	8.8	ug/kg
SOL	1,1,1-Trichloroethane	71-55-6	Unknown	22.9**	ug/kg
SOL	Trichloroethene	79-01-6	Unknown	detectable	ug/kg
OCC	Fluoranthene	206-44-0	Unknown	detectable*	ug/kg
OCC	Naphthalene	91-20-3	Unknown	detectable*	ug/kg
OCC	Bis(2-ethylhexyl)phthalate	117-81-7	Unknown	104**	ug/kg
OCC	Pyrene	129-00-0	Unknown	detectable*	ug/kg
OCC	Carbon disulfide	75-15-0	Unknown	38.4	ug/kg
OCC	Dibenzofuran		Unknown	detectable*	ug/kg
OCC	2-Octadecanol		Unknown	690*	ug/kg
OCC	Unknown hydrocarbons		Unknown	16,750*	ug/kg
IOC	Molecular Sulfur		Unknown	450	ug/kg
MES	Copper	7440-50-8	Unknown	28,000	ug/kg
MES	Iron		Unknown	1,400,000	ug/kg
OCC	2-Methylnaphthalene	91-57-6	Unknown	detectable*	ug/kg
OCC	2-Methyl(s)-1-dodecano]		Unknown	1,300*	ug/kg

*holding time exceeded

**surrogate recoveries were above or below the acceptance limit

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 (See specific references. e.g., state files, sample analysis, reports)

Niagara County Health Department, Site Profile Report, March 1982.
Phase I Investigation Report, Engineering-Science, May 1985.
USGS Draft Report, 1983.

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

1. IDENTIFICATION
01 STATE 02 SITE NUMBER
NY D980509459

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 A. GROUNDWATER CONTAMINATION 02 OBSERVED (DATE: _____) POTENTIAL ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 0 04 NARRATIVE DESCRIPTION

Lab results from samples taken by the USGS in 1982 indicated the presence of heavy metals and organic priority pollutant substances in the soil. Since the pit was unlined, it is possible that these contaminants migrated to the groundwater; however, groundwater is not used as a potable water supply within 3 miles.

01 B. SURFACE WATER CONTAMINATION 02 OBSERVED (DATE: _____) POTENTIAL ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 55,000 04 NARRATIVE DESCRIPTION

The Niagara River is located 5,500 feet west of the site and is used for recreation; however, there are no drinking water intakes within 3 miles. There is slight potential for contamination of surface water through runoff; however, it is unlikely, since the areas of contamination have been covered and the site is relatively flat with no predominant drainage direction existing.

DRAFT

01 C. CONTAMINATION OF AIR 02 OBSERVED (DATE: _____) POTENTIAL ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 67,000 04 NARRATIVE DESCRIPTION

Potential for air contamination is likely to be small since the areas of contamination have been covered. There were no organic vapor readings observed during a 7/21/87 NUS Corporation site investigation.

01 D. FIRE/EXPLOSIVE CONDITIONS 02 OBSERVED (DATE: _____) POTENTIAL ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 33,200 04 NARRATIVE DESCRIPTION

The presence of fire/explosive conditions is unlikely from the burn pit area since it has been covered.

01 E. DIRECT CONTACT 02 OBSERVED (DATE: _____) POTENTIAL ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 11,000 04 NARRATIVE DESCRIPTION

All wastes appear to be covered except for some suspected scavenger dumping. Access is partially restricted by fences, but is possible through the Niagara Mohawk corridors.

01 F. CONTAMINATION OF SOIL 02 OBSERVED (DATE: 1983) POTENTIAL ALLEGED
03 AREA POTENTIALLY AFFECTED: 1 acre 04 NARRATIVE DESCRIPTION
(ACRES)

A USGS team collected 2 soil samples in the area of the burn pits in 1983 and discovered the presence of heavy metals and organic priority pollutants.

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

Groundwater is not used for drinking within 3 miles. Surface water intakes in the Niagara River are either upstream or at least 4 miles downstream.

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

The area of contamination is supposed to be inactive; however, it is suspected that there is still some scavenger dumping activity.

01 I. POPULATION EXPOSURE/INJURY 02 OBSERVED (DATE: _____) POTENTIAL ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 67,000 04 NARRATIVE DESCRIPTION

Approximately 67,000 people live within 4 miles of the site. The greatest exposure routes appear to be through direct contact and surface water contamination.

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 J. DAMAGE TO FLORA 02 OBSERVED (DATE: _____) POTENTIAL ALLEGED
04 NARRATIVE DESCRIPTION

If the contamination present were available for uptake through surface water migration, there would be a potential for damage to the flora.

01 K. DAMAGE TO FAUNA 02 OBSERVED (DATE: _____) POTENTIAL ALLEGED
04 NARRATIVE DESCRIPTION (Include name(s) of species)

There is a potential for damage to fauna through consumption of contaminated vegetation or direct contact with contaminated soil.

01 L. CONTAMINATION OF FOOD CHAIN 02 OBSERVED (DATE: _____) POTENTIAL ALLEGED
04 NARRATIVE DESCRIPTION

Food chain contamination would be possible if contaminated surface water or groundwater migrated to the nearby Niagara River and were made available for uptake by aquatic vegetation or organisms. Portions of the Niagara River, within 2 miles of the site, are used for recreational fishing purposes.

01 M. UNSTABLE CONTAINMENT OF WASTES 02 OBSERVED (DATE: _____) POTENTIAL ALLEGED
(Spills/runoff/standing liquids/leaking drums)
03 POPULATION POTENTIALLY AFFECTED: 11,000 04 NARRATIVE DESCRIPTION

The area in which the burn pits were located was not lined.

DRAFT

01 N. DAMAGE TO OFFSITE PROPERTY 02 OBSERVED (DATE: _____) POTENTIAL ALLEGED
04 NARRATIVE DESCRIPTION

There are several residences and other businesses that could suffer damage if there were a migration of contaminated surface water off site.

01 O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs 02 OBSERVED (DATE: _____) POTENTIAL ALLEGED
04 NARRATIVE DESCRIPTION

No sewers, storm drains, or treatment plants are known to exist in the area.

01 P. ILLEGAL/UNAUTHORIZED DUMPING 02 OBSERVED (DATE: _____) POTENTIAL ALLEGED
04 NARRATIVE DESCRIPTION

This site has a history of alleged scavenger dumping. Also, the site is not currently fenced entirely, thus making it possible for future dumping to occur.

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

There are no other known, potential or alleged hazards.

III. TOTAL POPULATION POTENTIALLY AFFECTED: 67,000

IV. COMMENTS

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

Site Inspection, 7/21/87, NUS Corporation, FIT 2, Edison, NJ.
Niagara County Health Department, Site Profile Report, March 1982.
Phase I Investigation Report, Engineering-Science, May 1985.
General Sciences Corporation. 1984 Draft Graphical Exposure Modeling System (GEMS) User's Guide.
USGS Draft Report, 1983.

II. PERMIT INFORMATION

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

DRAFT

III. SITE DESCRIPTION

01 Storage/Disposal (Check all that apply)	02 AMOUNT	03 UNIT OF MEASURE	04 TREATMENT (Check all that apply)	05 OTHER
<input checked="" type="checkbox"/> A. SURFACE IMPOUNDMENT			<input checked="" type="checkbox"/> A. INCINERATION	<input checked="" type="checkbox"/> A. BUILDINGS ON SITE
<input checked="" type="checkbox"/> B. PILES	Unknown		<input type="checkbox"/> B. UNDERGROUND INJECTION	
<input type="checkbox"/> C. DRUMS, ABOVE GROUND			<input type="checkbox"/> C. CHEMICAL/PHYSICAL	
<input type="checkbox"/> D. TANK, ABOVE GROUND			<input type="checkbox"/> D. BIOLOGICAL	06 AREA OF SITE
<input type="checkbox"/> E. TANK, BELOW GROUND			<input type="checkbox"/> E. WASTE OIL PROCESSING	
<input type="checkbox"/> F. LANDFILL			<input type="checkbox"/> F. SOLVENT RECOVERY	
<input type="checkbox"/> G. LANDFARM			<input type="checkbox"/> G. OTHER RECYCLING/RECOVERY	
<input type="checkbox"/> H. OPEN DUMP			<input type="checkbox"/> H. OTHER	1 (Acres)
<input checked="" type="checkbox"/> I. OTHER Burn Pits (Specify)	Unknown		(Specify)	

07 COMMENTS

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.

The area of the burn pits is unlined.

V. ACCESSIBILITY

01 WASTE EASILY ACCESSIBLE: YES NO

02 COMMENTS

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

Niagara County Health Department Site Profile Report, March 1982.

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

1. IDENTIFICATION
 01 STATE 02 SITE NUMBER
 NY 0980509459

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

Approx. 15 (ft) Unknown (ft) Unknown

06 NET PRECIPITATION

07 ONE YEAR 24 HOUR RAINFALL

08 SLOPE

SITE SLOPE

DIRECTION OF SITE SLOPE

TERRAIN AVERAGE SLOPE

9 (in) 2.0 (in) <3 % variable 3 %

09 FLOOD POTENTIAL

10

SITE IS IN 500 YEAR FLOODPLAIN SITE IS ON BARRIER ISLAND, COASTAL HIGHLAND AREA, RIVERINE FLOODWAY

11 DISTANCE TO WETLANDS (5 acre minimum)

ESTUARINE

OTHER

>1 (mi)

A. >2 (mi) B. >1 (mi)

ENDANGERED SPECIES: Not Applicable

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. 0 (mi) B. 1.3 (mi) C. >3 (mi) D. >3 (mi)

14 DESCRIPTION OF SITE IN RELATION TO SURROUNDING TOPOGRAPHY

The disposal site consists of previously existing burn pits for municipal garbage that have been filled in. Abandoned cars, rusted tanks, and other various scrap garbage are predominant on the site. It is slightly vegetated by small trees, brush, and tall grass. There are commercial scrapyards on the south, west, and east boundaries, with residential homes on the northern boundary.

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

Site Inspection, 7/21/87, NUS Corporation, FIT 2, Edison, NJ.
 Niagara County Health Department Site, Profile Report, March 1982.
 Phase I Investigation Report, Engineering-Science, May 1985.
 Uncontrolled Hazardous Waste Site Ranking System, A User's Manual.

II. DRINKING WATER SUPPLY

01 TYPE OF DRINKING SUPPLY (Check as applicable)	02 STATUS	03 DISTANCE TO SITE																				
<table border="0" style="width: 100%;"> <tr> <td style="width: 33.33%; text-align: center;">SURFACE</td> <td style="width: 33.33%; text-align: center;">WELL</td> <td style="width: 33.33%;"></td> </tr> <tr> <td>A. <input checked="" type="checkbox"/></td> <td>B. <input type="checkbox"/></td> <td></td> </tr> <tr> <td>C. <input type="checkbox"/></td> <td>D. <input type="checkbox"/></td> <td></td> </tr> </table>	SURFACE	WELL		A. <input checked="" type="checkbox"/>	B. <input type="checkbox"/>		C. <input type="checkbox"/>	D. <input type="checkbox"/>		<table border="0" style="width: 100%;"> <tr> <td style="width: 33.33%; text-align: center;">ENDANGERED</td> <td style="width: 33.33%; text-align: center;">AFFECTED</td> <td style="width: 33.33%; text-align: center;">MONITORED</td> </tr> <tr> <td>A. <input type="checkbox"/></td> <td>B. <input type="checkbox"/></td> <td>C. <input type="checkbox"/></td> </tr> <tr> <td>D. <input type="checkbox"/></td> <td>E. <input type="checkbox"/></td> <td>F. <input type="checkbox"/></td> </tr> </table>	ENDANGERED	AFFECTED	MONITORED	A. <input type="checkbox"/>	B. <input type="checkbox"/>	C. <input type="checkbox"/>	D. <input type="checkbox"/>	E. <input type="checkbox"/>	F. <input type="checkbox"/>	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">A. <u> </u> > 3 (mi)</td> <td style="width: 50%;">B. <u> </u> > 3 (mi)</td> </tr> </table>	A. <u> </u> > 3 (mi)	B. <u> </u> > 3 (mi)
SURFACE	WELL																					
A. <input checked="" type="checkbox"/>	B. <input type="checkbox"/>																					
C. <input type="checkbox"/>	D. <input type="checkbox"/>																					
ENDANGERED	AFFECTED	MONITORED																				
A. <input type="checkbox"/>	B. <input type="checkbox"/>	C. <input type="checkbox"/>																				
D. <input type="checkbox"/>	E. <input type="checkbox"/>	F. <input type="checkbox"/>																				
A. <u> </u> > 3 (mi)	B. <u> </u> > 3 (mi)																					

III. GROUNDWATER

01 GROUNDWATER USE IN VICINITY (Check one)

A. ONLY SOURCE FOR DRINKING B. DRINKING C. COMMERCIAL, INDUSTRIAL, IRRIGATION D. NOT USED, UNUSEABLE

(Other sources available)	(Limited other sources available)
COMMERCIAL, INDUSTRIAL, IRRIGATION	(No other water sources available)

02 POPULATION SERVED BY GROUND WATER: 0 03 DISTANCE TO NEAREST DRINKING WATER WELL: 3 (mi)

04 DEPTH TO GROUNDWATER 15 (ft) 05 DIRECTION OF GROUNDWATER FLOW southwest

06 DEPTH TO AQUIFER OF CONCERN 15 (ft) 07 POTENTIAL YIELD OF AQUIFER 10⁶ (gpd)

08 SOLE SOURCE AQUIFER YES NO

09 DESCRIPTION OF WELLS (Including usage, depth, and location relative to population and buildings)

Numerous monitoring wells are in the area.

DRAFT

<p>10 RECHARGE AREA</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 25%; text-align: center;"><input checked="" type="checkbox"/> YES</td> <td style="width: 25%; text-align: center;"><input type="checkbox"/> NO</td> <td style="width: 50%;">COMMENTS</td> </tr> </table>	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	COMMENTS	<p>11. DISCHARGE AREA</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 25%; text-align: center;"><input type="checkbox"/> YES</td> <td style="width: 25%; text-align: center;"><input type="checkbox"/> NO</td> <td style="width: 50%;">COMMENTS</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">Unknown</td> </tr> </table>	<input type="checkbox"/> YES	<input type="checkbox"/> NO	COMMENTS	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	COMMENTS								
<input type="checkbox"/> YES	<input type="checkbox"/> NO	COMMENTS								
<input type="checkbox"/>	<input type="checkbox"/>	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
<u> Niagara River </u>	<input type="checkbox"/>	<u> 3/4 </u> (mi)
<u> _____ </u>	<input type="checkbox"/>	<u> _____ </u> (mi)
<u> _____ </u>	<input type="checkbox"/>	<u> _____ </u> (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. <u> 11,000 </u> NO. OF PERSONS	B. <u> 33,200 </u> NO. OF PERSONS	C. <u> 55,000 </u> NO. OF PERSONS	<u> 100 Feet </u> (mi)

03 NUMBER OF BUILDINGS WITHIN TWO (2) MILES OF SITE 11,900

04 DISTANCE TO NEAREST OFF-SITE BUILDING 100 Feet (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)

The area is a commercial/industrial section of Niagara Falls with scattered clusters of older urban homes.

II. SAMPLES TAKEN

SAMPLE TYPE	01 NUMBER OF SAMPLES TAKEN	02 SAMPLES SENT TO	03 ESTIMATED DATE RESULTS AVAILABLE
GROUNDWATER			
SURFACE WATER			
WASTE			
AIR			
RUNOFF			
SPILL			
SOIL	4	Gulf South Research Institute and PBS&J	10/87
VEGETATION			
OTHER			

III. FIELD MEASUREMENTS TAKEN

01 TYPE	02 COMMENTS
HNu	No readings above background
OVA	No readings above background
Mini Rad Alert	No readings above background

DRAFT

IV. PHOTOGRAPHS AND MAPS

01 TYPE	<input checked="" type="checkbox"/> GROUND <input type="checkbox"/> AERIAL	02 IN CUSTODY OF	NUS Corp., FIT 2, Edison, NJ (Name of organization or individual)
03 MAPS	04 LOCATION OF MAPS		
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	NUS Corp., FIT 2, Edison, NJ		

V. OTHER FIELD DATA COLLECTED (Provide narrative description)

Field log book No. 0104 Filed under TDD No. 02-8706-08

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

Site Inspection, 7/21/87 NUS Corporation, FIT 2, Edison, NJ.

II. CURRENT OWNER(S)			PARENT COMPANY (If applicable)		
01 NAME	02 D + B NUMBER	08 NAME	09 D + B NUMBER		
Mr. Adolf Kachinoski		Mr. Zygmunt			
03 STREET ADDRESS (P.O. Box, RFD#, etc.)	04 SIC CODE	10 STREET ADDRESS (P.O. Box, RFD#, etc.)	11 SIC CODE		
4800 Witmer Road		Maryland Avenue			
05 CITY	06 STATE	12 CITY	13 STATE	14 ZIP CODE	
Niagara Falls	NY	Niagara Falls	NY	14305	
01 NAME	02 D + B NUMBER	08 NAME	09 D + B NUMBER		
Mr. Ryding					
03 STREET ADDRESS (P.O. Box, RFD#, etc.)	04 SIC CODE	10 STREET ADDRESS (P.O. Box, RFD#, etc.)	11 SIC CODE		
James Avenue and Witmer Road					
05 CITY	06 STATE	12 CITY	13 STATE	14 ZIP CODE	
Niagara Falls	NY			14305	
01 NAME	02 D + B NUMBER	08 NAME	09 D + B NUMBER		
Mr. Burtwell					
03 STREET ADDRESS (P.O. Box, RFD#, etc.)	04 SIC CODE	10 STREET ADDRESS (P.O. Box, RFD#, etc.)	11 SIC CODE		
2998 Delaware Avenue					
05 CITY	06 STATE	12 CITY	13 STATE	14 ZIP CODE	
Niagara Falls	NY			14305	
01 NAME	02 D + B NUMBER	08 NAME	09 D + B NUMBER		
Mr. Garlock					
03 STREET ADDRESS (P.O. Box, RFD#, etc.)	04 SIC CODE	10 STREET ADDRESS (P.O. Box, RFD#, etc.)	11 SIC CODE		
2360 Maryland Avenue					
05 CITY	06 STATE	12 CITY	13 STATE	14 ZIP CODE	
Niagara Falls	NY			14305	

DRAFT

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		
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	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	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	05 CITY	06 STATE	07 ZIP CODE	

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

Town of Niagara Tax Assessors Office.

II. CURRENT OPERATOR(S)			OPERATOR'S PARENT COMPANY (If applicable)		
01 NAME	02 D + B Number	10 NAME	11 D + B NUMBER		
Kach's Scrap Co.			04 SIC CODE	12 STREET ADDRESS (P.O. Box, RFD#, etc.)	
03 STREET ADDRESS (P.O. Box, RFD#, etc.)			13 SIC CODE		
4800 Witmer Road			07 ZIP CODE	14 CITY	15 STATE
05 CITY	06 STATE	07 ZIP CODE	14 CITY	15 STATE	16 ZIP CODE
Niagara Falls NY			14305		
08 YEARS OF OPERATION	09 NAME OF OWNER				

III. PREVIOUS OPERATOR(S) (List most recent first: Provide only if different from owner)			PREVIOUS OPERATOR'S PARENT COMPANIES (If applicable)		
01 NAME	02 D + B Number	10 NAME	11 D + B NUMBER		
03 STREET ADDRESS (P.O. Box, RFD#, etc.)			04 SIC CODE	12 STREET ADDRESS (P.O. Box, RFD#, etc.)	
			13 SIC CODE		
05 CITY	06 STATE	07 ZIP CODE	14 CITY	15 STATE	16 ZIP CODE
08 YEARS OF OPERATION	09 NAME OF OWNER				

DRAFT

01 NAME	02 D + B Number	10 NAME	11 D + B NUMBER		
03 STREET ADDRESS (P.O. Box, RFD#, etc.)			04 SIC CODE	12 STREET ADDRESS (P.O. Box, RFD#, etc.)	
			13 SIC CODE		
05 CITY	06 STATE	07 ZIP CODE	14 CITY	15 STATE	16 ZIP CODE
08 YEARS OF OPERATION	09 NAME OF OWNER				

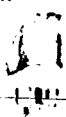
01 NAME	02 D + B Number	10 NAME	11 D + B NUMBER		
03 STREET ADDRESS (P.O. Box, RFD#, etc.)			04 SIC CODE	12 STREET ADDRESS (P.O. Box, RFD#, etc.)	
			13 SIC CODE		
05 CITY	06 STATE	07 ZIP CODE	14 CITY	15 STATE	16 ZIP CODE
08 YEARS OF OPERATION	09 NAME OF OWNER				

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

Site Inspection, 7/21/87, NUS Corporation, FIT 2, Edison, NJ.

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

1. IDENTIFICATION
 01 STATE 02 SITE NUMBER
 NY D980509459



II ON-SITE GENERATOR

01 NAME	02 D + B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD#, etc.)	04 SIC CODE	No hazardous wastes are generated on-site.
05 CITY	06 STATE	07 ZIP CODE

III OFF-SITE GENERATOR(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	05 CITY	06 STATE
	07 ZIP CODE		07 ZIP CODE

DRAFT

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	05 CITY	06 STATE
	07 ZIP CODE		07 ZIP CODE

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	05 CITY	06 STATE
	07 ZIP CODE		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	05 CITY	06 STATE
	07 ZIP CODE		07 ZIP CODE

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

Site Inspection, 7/21/87, NUS Corporation FIT 2, Edison, NJ.

II. PAST RESPONSE ACTIVITIES

01 A. WATER SUPPLY CLOSED	02 DATE: _____	03 AGENCY: _____
04 DESCRIPTION		
No Previous History.		
01 B. TEMPORARY WATER SUPPLY PROVIDED	02 DATE: _____	03 AGENCY: _____
04 DESCRIPTION		
No Previous History.		
01 C. PERMANENT WATER SUPPLY PROVIDED	02 DATE: _____	03 AGENCY: _____
04 DESCRIPTION		
No Previous History.		
01 D. SPILLED MATERIAL REMOVED	02 DATE: _____	03 AGENCY: _____
04 DESCRIPTION		
No Previous History.		
01 E. CONTAMINATED SOIL REMOVED	02 DATE: _____	03 AGENCY: _____
04 DESCRIPTION		
No Previous History.		
01 F. WASTE REPACKAGED	02 DATE: _____	03 AGENCY: _____
04 DESCRIPTION		
No Previous History.		
01 G. WASTE DISPOSED ELSEWHERE	02 DATE: _____	03 AGENCY: _____
04 DESCRIPTION		
No Previous History.		
01 H. ON SITE BURIAL	02 DATE: _____	03 AGENCY: _____
04 DESCRIPTION		
No Previous History.		
01 I. IN SITU CHEMICAL TREATMENT	02 DATE: _____	03 AGENCY: _____
04 DESCRIPTION		
No Previous History.		
01 J. IN SITU BIOLOGICAL TREATMENT	02 DATE: _____	03 AGENCY: _____
04 DESCRIPTION		
No Previous History.		
01 K. IN SITU PHYSICAL TREATMENT	02 DATE: _____	03 AGENCY: _____
04 DESCRIPTION		
No Previous History.		
01 L. ENCAPSULATION	02 DATE: _____	03 AGENCY: _____
04 DESCRIPTION		
No Previous History.		
01 M. EMERGENCY WASTE TREATMENT	02 DATE: _____	03 AGENCY: _____
04 DESCRIPTION		
No Previous History.		
01 N. CUTOFF WALLS	02 DATE: _____	03 AGENCY: _____
04 DESCRIPTION		
No Previous History.		
01 O. EMERGENCY DIKING/SURFACE WATER DIVERSION	02 DATE: _____	03 AGENCY: _____
04 DESCRIPTION		
No Previous History.		
01 P. CUTOFF TRENCHES/SUMP	02 DATE: _____	03 AGENCY: _____
04 DESCRIPTION		
No Previous History.		
01 Q. SUBSURFACE CUTOFF WALL	02 DATE: _____	03 AGENCY: _____
04 DESCRIPTION		
No Previous History.		

DRAFT

II. PAST RESPONSE ACTIVITIES

01 R. BARRIER WALLS CONSTRUCTED	02 DATE: _____	03 AGENCY: _____
04 DESCRIPTION		
No Previous History.		
01 S. CAPPING/COVERING	02 DATE: _____	03 AGENCY: _____
04 DESCRIPTION		
No Previous History.		
01 T. BULK TANKAGE REPAIRED	02 DATE: _____	03 AGENCY: _____
04 DESCRIPTION		
No Previous History.		
01 U. GROUT CURTAIN CONSTRUCTED	02 DATE: _____	03 AGENCY: _____
04 DESCRIPTION		
No Previous History.		
01 V. BOTTOM SEALED	02 DATE: _____	03 AGENCY: _____
04 DESCRIPTION		
No Previous History.		
01 W. GAS CONTROL	02 DATE: _____	03 AGENCY: _____
04 DESCRIPTION		
No Previous History.		
01 X. FIRE CONTROL	02 DATE: _____	03 AGENCY: _____
04 DESCRIPTION		
No Previous History.		
01 Y. LEACHATE TREATMENT	02 DATE: _____	03 AGENCY: _____
04 DESCRIPTION		
No Previous History.		
01 Z. AREA EVACUATED	02 DATE: _____	03 AGENCY: _____
04 DESCRIPTION		
No Previous History.		
01 1. ACCESS TO SITE RESTRICTED	02 DATE: _____	03 AGENCY: _____
04 DESCRIPTION		
No Previous History.		
01 2. POPULATION RELOCATED	02 DATE: _____	03 AGENCY: _____
04 DESCRIPTION		
No Previous History.		
01 3. OTHER REMEDIAL ACTIVITIES	02 DATE: _____	03 AGENCY: _____
04 DESCRIPTION		

DRAFT

The burning of garbage is no longer practiced, and the pits have been filled in.

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

Site Inspection, 7/21/87, NUS Corporation, FIT 2, Edison, NJ.