

PHASE I REPORT
ENGINEERING INVESTIGATIONS
AND EVALUATIONS AT INACTIVE
HAZARDOUS WASTE DISPOSAL SITES

Harvey Newman and Son
Niagara County, NY



Prepared for:
New York State
Department of
Environmental Conservation
50 Wolf Road, Albany, New York 12233
Henry G. Williams, Commissioner

Division of Solid and Hazardous Waste
Norman H. Nosenchuck, P.E., Director

ENGINEERING-SCIENCE
in association with
DAMES & MOORE

SEPTEMBER 1984

TABLE OF CONTENTS

	<u>Page</u>	
SECTION I	EXECUTIVE SUMMARY	1
	Objective	1
	Site Background	1
	Assessment	2
	Recommendations	2
SECTION II	SITE DESCRIPTION	3
	Site Location Map	4
SECTION III	HRS SCORING	5
	HRS Worksheets	6
	HRS Documentation	13
	Site Investigation Form	26
	Preliminary Assessment Form	40
SECTION IV	SITE HISTORY	44
SECTION V	SUMMARY OF AVAILABLE DATA	45
	Regional Geology and Hydrology	45
	Site Geology	46
	Site Hydrology	46
	Sampling and Analysis	46
SECTION VI	ASSESSMENT OF ADEQUACY OF DATA	50
SECTION VII	PHASE II WORK PLAN	51
	Objectives	51
	Task Description	51
	Cost Estimate	51
APPENDIX A	BIBLIOGRAPHY	
APPENDIX B	NYS REGISTRY FORM	

SECTION 1

SECTION I
EXECUTIVE SUMMARY

SECTION I
EXECUTIVE SUMMARY
Harvey Newman and Son

OBJECTIVE

The purpose of this two phase program is to conduct engineering investigations and evaluations at inactive hazardous waste disposal sites in New York State in order to calculate a Hazard Ranking System (HRS) score for each site and estimate the cost of any recommended remedial action. During the initial portion of this investigation (Phase I) all available data and records combined with information collected from a site inspection were reviewed and evaluated to determine the adequacy of existing information for calculating an HRS score. On the basis of this evaluation, a Phase II Work Plan was prepared for collecting additional HRS data (if necessary), evaluating remedial alternatives and preparing a cost estimate for recommended remedial action. The results of the Phase I study for this site are summarized below and detailed in the body of the report.

SITE BACKGROUND

The Harvey Newman and Son site is located in Wheatfield, Niagara County, New York. The NYS site code is 932062. The site is owned by Dennis Newman who operates a landscaping and trucking business. Various top soils, gravel and construction rubble are stored on site. Concern centers on a load of mill scale from Robblin Steel that is also being stored on site until a buyer can be located. Surface water and soil samples were taken and analyzed for heavy metals. No metals were detected in the water samples, while only very low concentrations were found in the soil. It is unclear if the soil metals were an indication of contamination or naturally occurring. To date there are no known health or environmental hazards.

ASSESSMENT

Insufficient information was available to complete a final HRS scoring. The preliminary HRS scoring was:

S_M	= 0.00	S_A	= 0.00
S_{GW}	= 0.00	S_{FE}	= 0.00
S_{SW}	= 0.00	S_{DC}	= 25.00

The final site score will most likely increase since insufficient information was available to complete the groundwater route. However, the increase in the site score would be low due to the low target factors for this site. Although an air sample is required to complete the HRS scoring, it is not recommended for this site due to the nature of the waste material.

RECOMMENDATIONS

The following recommendations are made for the completion of Phase II:

- o groundwater monitoring system consisting of one up-gradient and two down-gradient wells
- o sample analyses should include heavy metals

The estimated manhours needed to complete Phase II are 283, while the estimated cost is \$16,178.

SECTION 2

SECTION II
SITE DESCRIPTION

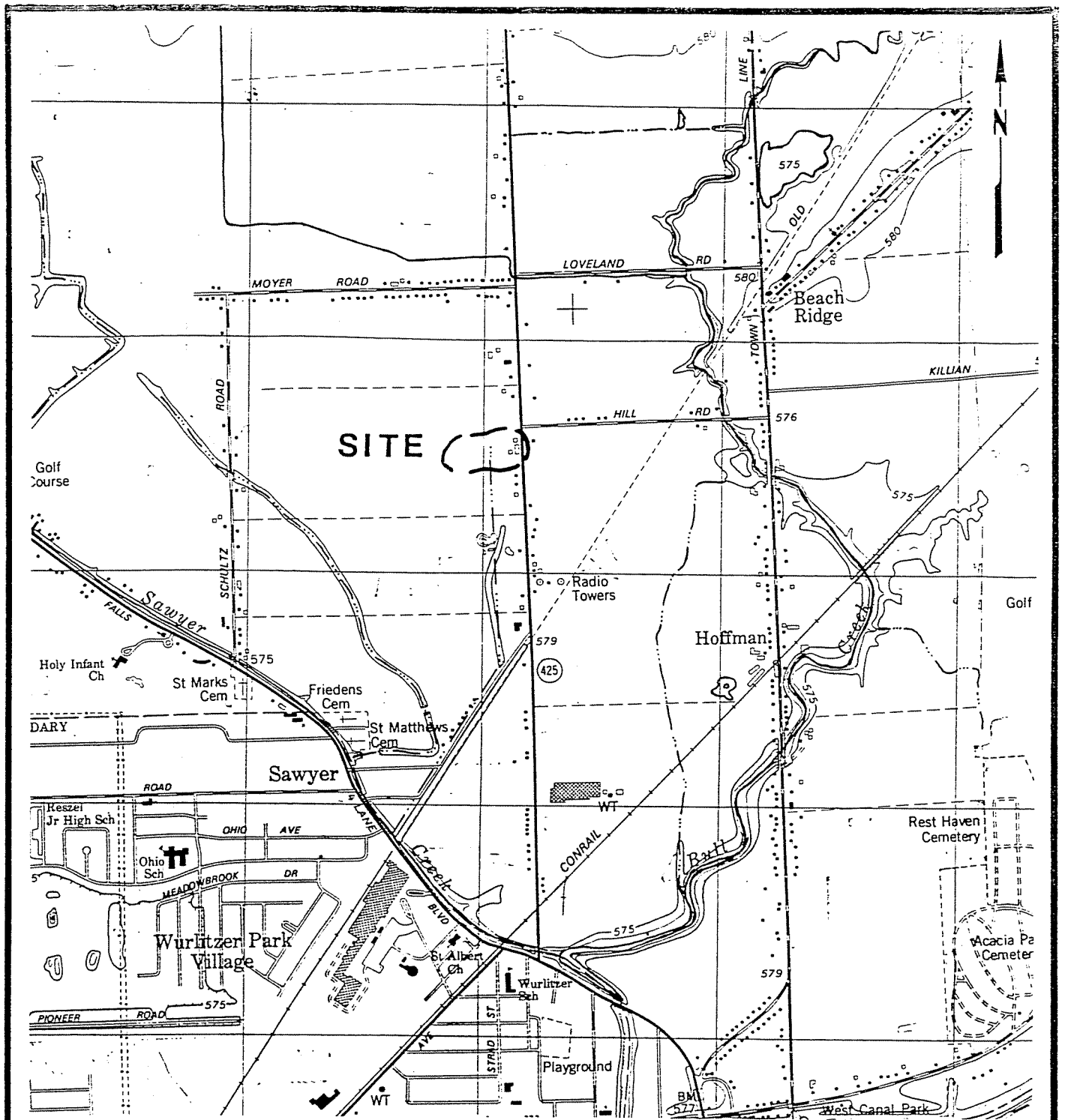
SECTION II

SITE DESCRIPTION

Harvey Newman and Son

The Harvey Newman and Son site is located at 7230 Shawnee Road in Wheatfield, Niagara County, New York. Mr. Newman operates a landscaping and trucking business. He does not dispose of chemical wastes on his property.

Various topsoils, construction rubble and gravel materials (sold as fill) are stored on the 20 acre site. A load of mill scale from Roblin Steel has been stored on the property for two years awaiting eventual shipment to a scrap metal reclaimer. Concern centers over the possible contamination of surface and groundwater.



REFERENCE: BASE TAKEN FROM U.S.G.S. 7.5 MIN.
 TOPOGRAPHIC MAP, TONAWANDA EAST,
 NY (1980) QUADRANGLE

SITE LOCATION MAP
 HARVEY NEWMAN & SON

SECTION III
HRS SCORING

HRS COVER SHEET

Facility name: Harvey Newman and Son

Location: Wheatfield, NY

EPA Region: II

Person(s) in charge of the facility: Dennis Newman (owner)

7230 Shawnee Road

Wheatfield, NY

Name of Reviewer: John Kubarewicz/Eileen Gilligan

Date: August 26, 1983

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.)

Not a disposal site. Mr. Newman stores fill for resale or burial. He has a pile
of mill scale from Robblin Steel Company stored on site until a buyer can be found.

No apparent health or environmental problems.

Scores: $S_M = 0.00$ ($S_{GW} = 0.00$ $S_{SW} = 0.00$ $S_a = 0.00$)

$S_{FE} = 0.00$

$S_{OC} = 25.00$

GROUND WATER ROUTE WORK 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	0	6	
Net Precipitation	0 1 2 3	1	2	3	
Permeability of the Unsaturated Zone	0 1 2 3	1	0	3	
Physical State	0 1 2 3	1	1	3	

Total Route Characteristics Score	0	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	5	8	

Total Waste Characteristics Score	23	26	
-----------------------------------	----	----	--

5 Targets					3.5
Ground Water Use	0 1 2 3	3	3	9	
Distance to Nearest Well/Population Served	0 4 6 8 10	1	0	40	
	12 16 18 20				
	24 30 32 35 40				

Total Targets Score	3	49	
---------------------	---	----	--

6 If line 1 is 45, multiply 1 x 4 x 5	2 factors are unknown	0	
If line 1 is 0, multiply 2 x 3 x 4 x 5			57,330

7 Divide line 6 by 57,330 and multiply by 100	S _{gw} = 0
---	---------------------

SURFACE 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	1	3		
Total Route Characteristics Score							9	15	

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	5	8
Total Waste Characteristics Score										23	28	

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	8	8	10	1	0	40
	12	16	18	20				
	24	30	32	35	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						
---	--	--	--	--	--	--

AIR ROUTE WORK SHEET

Air Route Work Sheet

Rating Factor	Assigned Value (Circle One)	Multi-plier	Score	Max. Score	Ref. (Section)	
Observed Release	0	45	1	0	45	5.1

Date and Location: N/A

Sampling Protocol: N/A

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

DIRECT CONTACT WORK SHEET

Direct Contact Work Sheet

Rating Factor	Assigned Value (Circle One)	Multi-plier	Score	Max. Score	Ref. (Section)	
1 Observed Incident	0	45	1	0	45	3.1
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	3.2	
3 Containment	0 15	1	15	15	3.3	
4 Waste Characteristics Toxicity	0 1 2 3	5	15	15	3.4	
5 Targets					3.5	
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			5400	21,600		
7 Divide line 6 by 21,600 and multiply by 100			SDC = 25.00			

Fire and Explosion Work Sheet

Rating Factor	Assigned Value (Circle One)	Multi-plier	Score	Max. Score	Ref. (Section)
---------------	--------------------------------	-------------	-------	------------	----------------

1 Containment	1 3	1		3	7.1
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2 Waste Characteristics					7.2
Direct Evidence	0 3	1		3	
Ignitability	0 1 2 3	1		3	
Reactivity	0 1 2 3	1		3	
Incompatibility	0 1 2 3	1		3	
Hazardous Waste Quantity	0 1 2 3 4 5 6 7 8	1		8	

Total Waste Characteristics Score		20	
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3 Targets					7.3
Distance to Nearest Population	0 1 2 3 4 5	1		5	
Distance to Nearest Building	0 1 2 3	1		3	
Distance to Sensitive Environment	0 1 2 3	1		3	
Land Use	0 1 2 3	1		3	
Population Within 2-Mile Radius	0 1 2 3 4 5	1		5	
Buildings Within 2-Mile Radius	0 1 2 3 4 5	1		5	

Total Targets Score		24	
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4 Multiply 1 x 2 x 3				1,440	
--	--	--	--	-------	--

5 Divide line 4 by 1,440 and multiply by 100	S F E = 0
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WORKSHEET FOR COMPUTING S_M

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

DOCUMENTATION RECORDS
FOR
HAZARD RANKING SYSTEM

INSTRUCTIONS: The purpose of these records is to provide a convenient way to prepare an auditable record of the data and documentation used to apply the Hazard Ranking System to a given facility. As briefly as possible summarize the information you used to assign the score for each factor (e.g., "Waste quantity = 4,230 drums plus 800 cubic yards of sludges"). The source of information should be provided for each entry and should be a bibliographic-type reference that will make the document used for a given data point easier to find. Include the location of the document and consider appending a copy of the relevant page(s) for ease in review.

FACILITY NAME: Harvey Newman and Son

LOCATION: Shawnee Road, Wheatfield

GROUND WATER ROUTE

1 OBSERVED RELEASE

Contaminants detected (5 maximum):

Not applicable. No groundwater samples collected for chemical analysis.

Rationale for attributing the contaminants to the facility:

Not applicable.

* * *

2 ROUTE CHARACTERISTICS

Depth to Aquifer of Concern

Name/description of aquifers(s) of concern:

Unknown.

Depth(s) from the ground surface to the highest seasonal level of the saturated zone [water table(s)] of the aquifer of concern:

Unknown.

Depth from the ground surface to the lowest point of waste disposal/storage:

Unknown.

Net Precipitation

Mean annual or seasonal precipitation (list months for seasonal):

32 inches.
(USDOC Climatic Atlas of US)

Mean annual lake or seasonal evaporation (list months for seasonal):

24 inches.
(USDOC Climatic Atlas of US)

Net precipitation (subtract the above figures):

8 inches.

Permeability of Unsaturated Zone

Soil type in unsaturated zone:

Unknown.

Permeability associated with soil type:

Unknown.

Physical State

Physical state of substances at time of disposal (or at present time for generated gases):

Solid.
(NCDOH, 1983)

* * *

3 CONTAINMENT

Containment

Method(s) of waste or leachate containment evaluated:

Unlined landfill.

Method with highest score:

Unlined landfill.

4 WASTE CHARACTERISTICS

Toxicity and Persistence

Compound(s) evaluated:

Arsenic

Cadmium

Lead

(NCDOH, 1982a)

Sample concentrations low PPB, may be natural.

Compound with highest score:

Lead 3,3 - 18

Hazardous Waste Quantity

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):

350 yd³
(NCDOH)

Basis of estimating and/or computing waste quantity:

(NCDOH, 1983b)

* * *

5 TARGETS

Ground Water Use

Use(s) of aquifer(s) of concern within a 3-mile radius of the facility:

Not used, but usable.

Distance to Nearest Well

Location of nearest well drawing from aquifer of concern or occupied building not served by a public water supply:

Not applicable. No wells drawing from aquifer of concern.

Distance to above well or building:

Not applicable.

Population Served by Ground Water Wells Within a 3-Mile Radius

Identified water-supply well(s) drawing from aquifer(s) of concern within a 3-mile radius and populations served by each:

Not applicable.

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):

Not applicable.

Total population served by ground water within a 3-mile radius:

Not applicable.

SURFACE WATER ROUTE

1 OBSERVED RELEASE

Contaminants detected in surface water at the facility or downhill from it (5 maximum):

No contaminants detected in surface water.
(NCDOH, 1982)

Rationale for attributing the contaminants to the facility:

Not applicable.

* * *

2 ROUTE CHARACTERISTICS (USGS Topographic Map: Tonawanda East, NY Quadrangle)

Facility Slope and Intervening Terrain

Average slope of facility in percent:

0%
(USGS Topographic Map)

Name/description of nearest downslope surface water:

Ditch adjacent to property.

Average slope of terrain between facility and above-cited surface water body in percent:

0%

Is the facility located either totally or partially in surface water?

No.

Is the facility completely surrounded by areas of higher elevation?

No.

(USGS Topographic Map: Tonawanda East, NY Quadrangle)

1-Year 24-Hour Rainfall in Inches

2.1 inches

(40 CFR)

Distance to Nearest Downslope Surface Water

0.1 in.

(USGS Topographic Map: Tonawanda East, NY Quadrangle)

Physical State of Waste

Solid

(NCDOH)

* * *

3 CONTAINMENT

Containment

Method(s) of waste or leachate containment evaluated:

Unlined landfill.

Method with highest score:

Unlined landfill.

4 WASTE CHARACTERISTICS

Toxicity and Persistence

Compound(s) evaluated

Arsenic

Cadmium

Lead

(NCDOH, 1982a)

Low concentration in soil, may be natural.

Compound with highest score:

Lead 3,3 - 18

Hazardous Waste Quantity

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):

350 yd³

Basis of estimating and/or computing waste quantity:

(NCDOH, 1983b)

* * *

5 TARGETS

Surface Water Use

Use(s) of surface water within 3 miles downstream of the hazardous substance:

Not applicable. No uses of surface water within 3 miles downstream.

Is there tidal influence?

No.

(USGS Topographic Map: Tonawanda East, NY Quadrangle)

Distance to a Sensitive Environment

Distance to 5-acre (minimum) coastal wetland, if 2 miles or less:

Not applicable. None within 2 miles.

(USGS Topographic Map: Tonawanda East, NY Quadrangle)

Distance to 5-acre (minimum) fresh-water wetland, if 1 mile or less:

Not applicable. None within 1 mile.

(NYS Wetlands Map)

Distance to critical habitat of an endangered species or national wildlife refuge, if 1 mile or less:

Not applicable. None within 1 mile.

(NYSDEC Region 9 Dept. of Fish & Wildlife files)

Population Served by Surface Water

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:

Not applicable. None within specified distances.

(USGS Topographic Map: Tonawanda East, NY Quadrangle)

Computation of land area irrigated by above-cited intake(s) and conversion to population (1.5 people per acre):

Not applicable.

Total population served:

Not applicable.

Name/description of nearest of above water bodies:

Not applicable.

Distance to above-cited intakes, measured in stream miles.

Not applicable.

AIR ROUTE

1 OBSERVED RELEASE

Contaminants detected:

Not applicable. Air quality not monitored for contamination.

Date and location of detection of contaminants

Not applicable.

Methods used to detect the contaminants:

Not applicable.

Rationale for attributing the contaminants to the site:

Not applicable.

* * *

2 WASTE CHARACTERISTICS

Reactivity and Incompatibility

Most reactive compound:

Not applicable.

Most incompatible pair of compounds:

Not applicable.

Toxicity

Most toxic compound:

Not applicable.

Hazardous Waste Quantity

Total quantity of hazardous waste:

Not applicable.

Basis of estimating and/or computing waste quantity:

Not applicable.

* * *

3 TARGETS

Population Within 4-Mile Radius

Circle radius used, give population, and indicate how determined:

0 to 4 mi 0 to 1 mi 0 to 1/2 mi 0 to 1/4 mi

(USGS Topographic Map: Tonawanda East, NY Quadrangle)

Distance to a Sensitive Environment

Distance to 5-acre (minimum) coastal wetland, if 2 miles or less:

Not applicable. None within 2 miles.

(USGS Topographic Map: Tonawanda East, NY Quadrangle)

Distance to 5-acre (minimum) fresh-water wetland, if 1 mile or less:

Not applicable. None within 1 mile.

(NYS Wetlands Map)

Distance to critical habitat of an endangered species, if 1 mile or less:

Not applicable. None within 1 mile.
(NYSDEC Region 9 Dept. of Fish and Wildlife Files)

Land Use

Distance to commercial/industrial area, if 1 mile or less:

More than 1.0 mile.
(ES/D&M site visit)

Distance to national or state park, forest, or wildlife reserve, if 2 miles or less:

Greater than 2 miles.

Distance to residential area, if 2 miles or less:

0.1 mi.
(ES/D&M site visit)

Distance to agricultural land in production within past 5 years, if 1 mile or less:

0.2 mi.
(ES/D&M site visit)

Distance to prime agricultural land in production within past 5 years, if 2 miles or less:

Not applicable. None within 2 miles.
(ES/D&M site visit)

Is a historic or landmark site (National Register or Historic Places and National Natural Landmarks) within the view of the site?

No.
(ES/D&M site visit)



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

I. IDENTIFICATION
01 STATE | 02 SITE NUMBER
NY 0006514703

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site) HARVEY NEWMAN & SON		02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER 7230 SHAWNEE RD.			
03 CITY WHEATFIELD		04 STATE NY	05 ZIP CODE 14150	06 COUNTY Niagara	07 COUNTY CODE 063
09 COORDINATES LATITUDE 43° 04' 41.2"		LONGITUDE 078° 50' 12.6"		10 TYPE OF OWNERSHIP (Check one) <input checked="" type="checkbox"/> A. PRIVATE <input type="checkbox"/> B. FEDERAL <input type="checkbox"/> C. STATE <input type="checkbox"/> D. COUNTY <input type="checkbox"/> E. MUNICIPAL <input type="checkbox"/> F. OTHER <input type="checkbox"/> G. UNKNOWN	

III. INSPECTION INFORMATION

01 DATE OF INSPECTION 7.29.83 MONTH DAY YEAR	02 SITE STATUS <input checked="" type="checkbox"/> ACTIVE <input type="checkbox"/> INACTIVE	03 YEARS OF OPERATION 1949 — BEGINNING YEAR ENDING YEAR		— UNKNOWN
04 AGENCY PERFORMING INSPECTION (Check all that apply)				
<input type="checkbox"/> A. EPA <input type="checkbox"/> B. EPA CONTRACTOR ENGINEERING-SCIENCE <input type="checkbox"/> C. MUNICIPAL <input type="checkbox"/> D. MUNICIPAL CONTRACTOR <input type="checkbox"/> E. STATE <input checked="" type="checkbox"/> F. STATE CONTRACTOR DAMES & MOORE <input type="checkbox"/> G. OTHER <small>(Name of firm)</small>				

05 CHIEF INSPECTOR JOHN KUBAREWICZ	06 TITLE ENGINEER	07 ORGANIZATION ES	08 TELEPHONE NO. (703) 591-7575
09 OTHER INSPECTORS EILEEN GILLIGAN	10 TITLE GEOLOGIST	11 ORGANIZATION D&M	12 TELEPHONE NO. (315) 638-2572
			()
			()
			()
			()

13 SITE REPRESENTATIVES INTERVIEWED HARVEY NEWMAN	14 TITLE OWNER	15 ADDRESS 7230 SHAWNEE RD.	16 TELEPHONE NO. (716) 692-6253
DENNIS NEWMAN	OWNER	7230 SHAWNEE RD.	(716) 692-6253
			()
			()
			()
			()

17 ACCESS GAINED BY (check one) <input checked="" type="checkbox"/> PERMISSION <input type="checkbox"/> WARRANT	18 TIME OF INSPECTION 10:30	19 WEATHER CONDITIONS CLOUDY & DRIZZLE
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IV. INFORMATION AVAILABLE FROM

01 CONTACT JOHN KUBAREWICZ	02 OF (Agency/Organization) ENGINEERING-SCIENCE		03 TELEPHONE NO. (103) 591-7575
04 PERSON RESPONSIBLE FOR SITE INSPECTION FORM KATHRYN GLADDEN	05 AGENCY	06 ORGANIZATION ES	07 TELEPHONE NO. 103-591-7575
			08 DATE 8.4.83 MONTH DAY YEAR



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

I. IDENTIFICATION

01 STATE | 02 SITE NUMBER

NY 0000514703

II. HAZARDOUS CONDITIONS AND INCIDENTS

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

UNKNOWN

01 B. SURFACE WATER CONTAMINATION 02 OBSERVED (DATE: 4.16.82) POTENTIAL ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

NO, SAMPLES ANALYZED FOR METALS AND THO WERE NEGATIVE

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

UNKNOWN

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

No

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

NO

01 F. CONTAMINATION OF SOIL 02 OBSERVED (DATE: 4.16.82) POTENTIAL ALLEGED
03 AREA POTENTIALLY AFFECTED: _____ (Acres) 04 NARRATIVE DESCRIPTION

METALS FOUND IN LOW
CONCENTRATIONS OF SOIL
MAY BE NATURAL BACKGROUND

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

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

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



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

I. IDENTIFICATION

01 STATE | 02 SITE NUMBER

NY | 000514703

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 J. DAMAGE TO FLORA
04 NARRATIVE DESCRIPTION

02 OBSERVED (DATE: _____) POTENTIAL ALLEGED

NONE APPARENT

01 K. DAMAGE TO FAUNA
04 NARRATIVE DESCRIPTION (include name(s) of species)

02 OBSERVED (DATE: _____) POTENTIAL ALLEGED

—

01 L. CONTAMINATION OF FOOD CHAIN
04 NARRATIVE DESCRIPTION

02 OBSERVED (DATE: _____) POTENTIAL ALLEGED

UNKNOWN

01 M. UNSTABLE CONTAINMENT OF WASTES
(Spills/Runoff/Standing liquids, Leaking drums)
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

02 OBSERVED (DATE: _____) POTENTIAL ALLEGED

NONE APPARENT, SMALL SCALE STORED IN PILE

01 N. DAMAGE TO OFFSITE PROPERTY
04 NARRATIVE DESCRIPTION

02 OBSERVED (DATE: _____) POTENTIAL ALLEGED

UNKNOWN

01 O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs
04 NARRATIVE DESCRIPTION

02 OBSERVED (DATE: _____) POTENTIAL ALLEGED

UNKNOWN

01 P. ILLEGAL/UNAUTHORIZED DUMPING
04 NARRATIVE DESCRIPTION

02 OBSERVED (DATE: _____) POTENTIAL ALLEGED

NONE APPARENT

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

NONE APPARENT

III. TOTAL POPULATION POTENTIALLY AFFECTED: _____

IV. COMMENTS

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

SITE INSPECTION



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

I. IDENTIFICATION

01 STATE | 02 SITE NUMBER
NY 0000514703

II. PERMIT INFORMATION

01 TYPE OF PERMIT ISSUED <i>(Check all that apply)</i>	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 checked="" type="checkbox"/> G. STATE <i>(Specify)</i>	9A144	2/81	—	PERMIT TO HAUL MILL SCALE
<input type="checkbox"/> H. LOCAL <i>(Specify)</i>				
<input type="checkbox"/> I. OTHER <i>(Specify)</i>				
<input type="checkbox"/> J. NONE				

III. SITE DESCRIPTION

01 STORAGE/DISPOSAL <i>(Check all that apply)</i>	02 AMOUNT	03 UNIT OF MEASURE	04 TREATMENT <i>(Check all that apply)</i>	05 OTHER
<input type="checkbox"/> A. SURFACE IMPOUNDMENT <input type="checkbox"/> B. PILES <input type="checkbox"/> C. DRUMS, ABOVE GROUND <input type="checkbox"/> D. TANK, ABOVE GROUND <input type="checkbox"/> E. TANK, BELOW GROUND <input type="checkbox"/> F. LANDFILL <input type="checkbox"/> G. LANDFARM <input checked="" type="checkbox"/> H. OPEN DUMP <input type="checkbox"/> I. OTHER <i>(Specify)</i>			<input type="checkbox"/> A. INCENERATION <input type="checkbox"/> B. UNDERGROUND INJECTION <input type="checkbox"/> C. CHEMICAL/PHYSICAL <input type="checkbox"/> D. BIOLOGICAL <input type="checkbox"/> E. WASTE OIL PROCESSING <input type="checkbox"/> F. SOLVENT RECOVERY <input type="checkbox"/> G. OTHER RECYCLING/RECOVERY <input type="checkbox"/> H. OTHER <i>(Specify)</i>	<input checked="" type="checkbox"/> A. BUILDINGS ON SITE 06 AREA OF SITE 20 <i>(Acres)</i>

07 COMMENTS

PILE OF MILL SCALE (IRON OXIDE) IS BEING STORED ON SITE UNTIL A BUYER CAN BE FOUND.

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 BARRIERS, DRUMS, ETC.

V. ACCESSIBILITY

01 WASTE EASILY ACCESSIBLE: YES NO
 02 COMMENTS

NO RESTRICTIONS

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

NIAGARA COUNTY DOH (1983)
 SITE INSPECTION



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

I. IDENTIFICATION

01 STATE | 02 SITE NUMBER
NY 0000514703

II. DRINKING WATER SUPPLY

01 TYPE OF DRINKING SUPPLY <i>(Check as applicable)</i>		02 STATUS			03 DISTANCE TO SITE	
COMMUNITY	SURFACE A. <input checked="" type="checkbox"/>	WELL B. <input type="checkbox"/>	ENDANGERED A. <input type="checkbox"/>	AFFECTED B. <input type="checkbox"/>	MONITORED C. <input checked="" type="checkbox"/>	A. <u>7</u> (mi)
NON-COMMUNITY	C. <input type="checkbox"/>	D. <input type="checkbox"/>	D. <input type="checkbox"/>	E. <input type="checkbox"/>	F. <input type="checkbox"/>	B. _____ (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 N/A

03 DISTANCE TO NEAREST DRINKING WATER WELL N/A (mi)

04 DEPTH TO GROUNDWATER <u>UNKNOWN</u> (ft)	05 DIRECTION OF GROUNDWATER FLOW <u>SOUTH</u>	06 DEPTH TO AQUIFER OF CONCERN <u>4</u> (ft)	07 POTENTIAL YIELD OF AQUIFER <u>UNKNOWN</u> (gpd)	08 SOLE SOURCE AQUIFER <input type="checkbox"/> YES <input type="checkbox"/> NO
--	--	---	---	--

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

10 RECHARGE AREA <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	COMMENTS	11 DISCHARGE AREA <input type="checkbox"/> YES <input type="checkbox"/> NO	COMMENTS
---	----------	---	----------

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>BULL CREEK</u>	<input type="checkbox"/>	<u>0.6</u> (mi)
<u>UNNAMED POND</u>	<input type="checkbox"/>	<u>1.5</u> (mi)
<u>TONA WANDA CREEK</u>	<input type="checkbox"/>	<u>3.0</u> (mi)

V. DEMOGRAPHIC AND PROPERTY INFORMATION

01 TOTAL POPULATION WITHIN			02 DISTANCE TO NEAREST POPULATION
ONE (1) MILE OF SITE A. <u>304</u> NO. OF PERSONS	TWO (2) MILES OF SITE B. <u>2660</u> NO. OF PERSONS	THREE (3) MILES OF SITE C. <u>11,400</u> NO. OF PERSONS	<u>0.2</u> (mi)
03 NUMBER OF BUILDINGS WITHIN TWO (2) MILES OF SITE <u>800</u>		04 DISTANCE TO NEAREST OFF-SITE BUILDING <u>0.2</u> (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)*

SITE IS LOCATED ON OUTSKIRTS OF SUBURBAN AREA.



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

I. IDENTIFICATION
01 STATE: NY 02 SITE NUMBER: 0000514703

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^{-9} cm/sec) B. RELATIVELY IMPERMEABLE ($10^{-4} - 10^{-9}$ cm/sec) C. RELATIVELY PERMEABLE ($10^{-2} - 10^{-4}$ cm/sec) D. VERY PERMEABLE (Greater than 10^{-2} cm/sec)

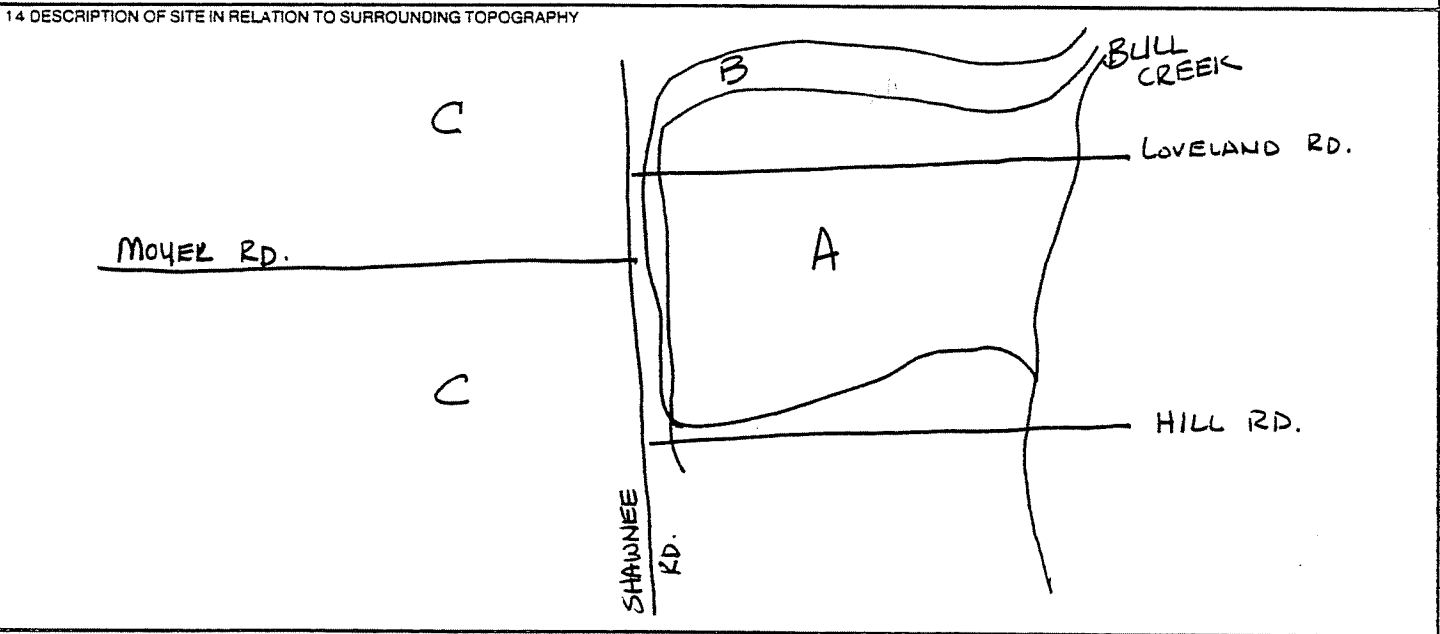
03 DEPTH TO BEDROCK: 225 (ft) 04 DEPTH OF CONTAMINATED SOIL ZONE: ∅ (ft) 05 SOIL pH: UNKNOWN

06 NET PRECIPITATION: 8 (in) 07 ONE YEAR 24 HOUR RAINFALL: 2.1 (in) 08 SLOPE SITE SLOPE: 0 % DIRECTION OF SITE SLOPE: N/A TERRAIN AVERAGE SLOPE: 0 %

09 FLOOD POTENTIAL: SITE IS IN 7500 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. 3.5 (mi)
 12 DISTANCE TO CRITICAL HABITAT (of endangered species): 3.5 (mi)
 ENDANGERED SPECIES: GOLDEN EAGLE, BROWN PELICAN, PEREGRINE FALCON

13 LAND USE IN VICINITY
 DISTANCE TO:
 COMMERCIAL/INDUSTRIAL: A. 3.0 (mi) RESIDENTIAL AREAS: NATIONAL/STATE PARKS, FORESTS, OR WILDLIFE RESERVES: B. 0 (mi) AGRICULTURAL LANDS: PRIME AG LAND: C. _____ (mi) AG LAND: D. 0 (mi)



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



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

I. IDENTIFICATION

01 STATE | 02 SITE NUMBER
NY | D000514703

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			
VEGETATION			
OTHER			

III. FIELD MEASUREMENTS TAKEN

01 TYPE	02 COMMENTS

IV. PHOTOGRAPHS AND MAPS

01 TYPE <input type="checkbox"/> GROUND <input type="checkbox"/> AERIAL	02 IN CUSTODY OF _____ <small>(Name of organization or individual)</small>
03 MAPS <input type="checkbox"/> YES <input type="checkbox"/> NO	04 LOCATION OF MAPS _____

V. OTHER FIELD DATA COLLECTED (Provide narrative description)

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



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

I. IDENTIFICATION

01 STATE | 02 SITE NUMBER
NY | 000514703

II. CURRENT OWNER(S)

PARENT COMPANY (if applicable)

01 NAME HARVEY P. & GENEVIEVE NEWMAN		02 D+B NUMBER	08 NAME		09 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.) 32 PINE ST.		04 SIC CODE	10 STREET ADDRESS (P.O. Box, RFD #, etc.)		11 SIC CODE
05 CITY NORTH TONAWANDA	06 STATE NY	07 ZIP CODE 14120	12 CITY	13 STATE	14 ZIP CODE
01 NAME DENNIS H. & NANCY NEWMAN		02 D+B NUMBER	08 NAME		09 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.) 7220 SHAWNEE RD.		04 SIC CODE	10 STREET ADDRESS (P.O. Box, RFD #, etc.)		11 SIC CODE
05 CITY NORTH TONAWANDA	06 STATE NY	07 ZIP CODE 14120	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
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
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
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)

NYS TAX RECORDS
SITE INSPECTION



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

I. IDENTIFICATION

01 STATE | 02 SITE NUMBER
NY | 0000514703

II. CURRENT OPERATOR <small>(Provide if different from owner)</small>				OPERATOR'S PARENT COMPANY <small>(If applicable)</small>			
01 NAME DENNIS NEWMAN		02 D+B NUMBER		10 NAME		11 D+B NUMBER	
03 STREET ADDRESS <small>(P.O. Box, RFD #, etc.)</small> 7220 SHAWNEE RD.			04 SIC CODE	12 STREET ADDRESS <small>(P.O. Box, RFD #, etc.)</small>			13 SIC CODE
05 CITY N. TONAWANDA		06 STATE NY	07 ZIP CODE 14120		14 CITY		15 STATE
08 YEARS OF OPERATION 1949-	09 NAME OF OWNER HARVEY NEWMAN						
III. PREVIOUS OPERATOR(S) <small>(List most recent first; provide only if different from owner)</small>				PREVIOUS OPERATORS' PARENT COMPANIES <small>(If applicable)</small>			
01 NAME HARVEY NEWMAN		02 D+B NUMBER		10 NAME		11 D+B NUMBER	
03 STREET ADDRESS <small>(P.O. Box, RFD #, etc.)</small>			04 SIC CODE	12 STREET ADDRESS <small>(P.O. Box, RFD #, etc.)</small>			13 SIC CODE
05 CITY		06 STATE	07 ZIP CODE		14 CITY		15 STATE
08 YEARS OF OPERATION	09 NAME OF OWNER DURING THIS PERIOD						
01 NAME		02 D+B NUMBER		10 NAME		11 D+B NUMBER	
03 STREET ADDRESS <small>(P.O. Box, RFD #, etc.)</small>			04 SIC CODE	12 STREET ADDRESS <small>(P.O. Box, RFD #, etc.)</small>			13 SIC CODE
05 CITY		06 STATE	07 ZIP CODE		14 CITY		15 STATE
08 YEARS OF OPERATION	09 NAME OF OWNER DURING THIS PERIOD						
01 NAME		02 D+B NUMBER		10 NAME		11 D+B NUMBER	
03 STREET ADDRESS <small>(P.O. Box, RFD #, etc.)</small>			04 SIC CODE	12 STREET ADDRESS <small>(P.O. Box, RFD #, etc.)</small>			13 SIC CODE
05 CITY		06 STATE	07 ZIP CODE		14 CITY		15 STATE
08 YEARS OF OPERATION	09 NAME OF OWNER DURING THIS PERIOD						

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

SITE INSPECTION
NYS TAX RECORDS



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

I. IDENTIFICATION
01 STATE | 02 SITE NUMBER
NY 0000514703

II. ON-SITE GENERATOR

01 NAME NONE		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 ROBLIN STEEL CO.		02 D+B NUMBER		01 NAME		02 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.) 101 EAST AVENUE		04 SIC CODE		03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE	
05 CITY N. TONAWANDA	06 STATE NY	07 ZIP CODE 14120		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	

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)

NIAGARA COUNTY DOH (1983)



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

I. IDENTIFICATION

01 STATE | 02 SITE NUMBER
NY 10000 514703

II. PAST RESPONSE ACTIVITIES

01 <input type="checkbox"/> A. WATER SUPPLY CLOSED 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> B. TEMPORARY WATER SUPPLY PROVIDED 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> C. PERMANENT WATER SUPPLY PROVIDED 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> D. SPILLED MATERIAL REMOVED 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> E. CONTAMINATED SOIL REMOVED 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> F. WASTE REPACKAGED 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> G. WASTE DISPOSED ELSEWHERE 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> H. ON SITE BURIAL 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> I. IN SITU CHEMICAL TREATMENT 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> J. IN SITU BIOLOGICAL TREATMENT 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> K. IN SITU PHYSICAL TREATMENT 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> L. ENCAPSULATION 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> M. EMERGENCY WASTE TREATMENT 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> N. CUTOFF WALLS 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> O. EMERGENCY DIKING/SURFACE WATER DIVERSION 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> P. CUTOFF TRENCHES/SUMP 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> Q. SUBSURFACE CUTOFF WALL 04 DESCRIPTION	02 DATE _____	03 AGENCY _____



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

I. IDENTIFICATION
01 STATE | 02 SITE NUMBER
NY | 0000514703

II PAST RESPONSE ACTIVITIES (Continued)

01 <input type="checkbox"/> R. BARRIER WALLS CONSTRUCTED 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> S. CAPPING/COVERING 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> T. BULK TANKAGE REPAIRED 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> U. GROUT CURTAIN CONSTRUCTED 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> V. BOTTOM SEALED 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> W. GAS CONTROL 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> X. FIRE CONTROL 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> Y. LEACHATE TREATMENT 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> Z. AREA EVACUATED 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> 1. ACCESS TO SITE RESTRICTED 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> 2. POPULATION RELOCATED 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
01 <input checked="" type="checkbox"/> 3. OTHER REMEDIAL ACTIVITIES 04 DESCRIPTION	02 DATE <u>4.16.82</u>	03 AGENCY _____

SITE INSPECTED AND SURFACE WATER DRAINAGE ANALYZED

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

NIAGARA COUNTY DSH (198)



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

I. IDENTIFICATION

01 STATE | 02 SITE NUMBER
NY 0000514703

II. ENFORCEMENT INFORMATION

01 PAST REGULATORY/ENFORCEMENT ACTION YES NO

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

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



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION
01 STATE | 02 SITE NUMBER
NY | 000514703

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site)
HARVEY NEWMAN & SON

02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER
7730 SHAWNEE RD.

03 CITY
WHEATFIELD

04 STATE | 05 ZIP CODE | 06 COUNTY | 07 COUNTY CODE | 08 CONG DIST
NY | 14150 | NIAGARA | 063 | 36

09 COORDINATES LATITUDE LONGITUDE
43 04 41.3 | 078 50 12.6

10 DIRECTIONS TO SITE (Starting from nearest public road)
ON SHAWNEE RD., BEHIND HOUSE

III. RESPONSIBLE PARTIES

01 OWNER (if known)
HARVEY & GENEVIEVE NEWMAN

02 STREET (Business, mailing, residential)
32 PINE ST.

03 CITY
N. TONAWANDA

04 STATE | 05 ZIP CODE | 06 TELEPHONE NUMBER
NY | 14120 | (716) 692-2593

07 OPERATOR (if known and different from owner)
SAME

08 STREET (Business, mailing, residential)

09 CITY

10 STATE | 11 ZIP CODE | 12 TELEPHONE NUMBER
()

13 TYPE OF OWNERSHIP (Check one)
 A. PRIVATE B. FEDERAL: _____ (Agency name) C. STATE D. COUNTY E. MUNICIPAL
 F. OTHER: _____ (Specify) G. UNKNOWN

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)
 A. RCRA 3001 DATE RECEIVED: _____ MONTH DAY YEAR B. UNCONTROLLED WASTE SITE (CERCLA 103 c) DATE RECEIVED: _____ MONTH DAY YEAR C. NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION
 YES DATE 7 29 83 MONTH DAY YEAR
 NO

BY (Check all that apply)
 A. EPA B. EPA CONTRACTOR C. STATE D. OTHER CONTRACTOR
 E. LOCAL HEALTH OFFICIAL F. OTHER: _____ (Specify)
CONTRACTOR NAME(S): ENGINEERING - SCIENCE

02 SITE STATUS (Check one)
 A. ACTIVE B. INACTIVE C. UNKNOWN

03 YEARS OF OPERATION
1949 BEGINNING YEAR | _____ ENDING YEAR UNKNOWN

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED
MILL SCALE CONSISTING OF FeO, Fe₃O₄ and Fe₂O₃

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION
UNKNOWN

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents)
 A. HIGH (Inspection required promptly) B. MEDIUM (Inspection required) C. LOW (Inspect on time available basis) D. NONE (No further action needed, complete current disposition form)

VI. INFORMATION AVAILABLE FROM

01 CONTACT
JOHN KUBAREWICZ

02 OF (Agency/Organization)
ENGINEERING-SCIENCE

03 TELEPHONE NUMBER
(703) 591-7575

04 PERSON RESPONSIBLE FOR ASSESSMENT
KATHRYN GLADDEN

05 AGENCY
ES

06 ORGANIZATION

07 TELEPHONE NUMBER
(703) 591-7575

08 DATE
8.4.83 MONTH DAY YEAR



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION
01 STATE 02 SITE NUMBER
NY 0000514703

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 J. DAMAGE TO FLORA
04 NARRATIVE DESCRIPTION

02 OBSERVED (DATE: _____) POTENTIAL ALLEGED

Not apparent

01 K. DAMAGE TO FAUNA
04 NARRATIVE DESCRIPTION (Include names of species)

02 OBSERVED (DATE: _____) POTENTIAL ALLEGED

—

01 L. CONTAMINATION OF FOOD CHAIN
04 NARRATIVE DESCRIPTION

02 OBSERVED (DATE: _____) POTENTIAL ALLEGED

Unknown

01 M. UNSTABLE CONTAINMENT OF WASTES
(Soils/runoff/standing liquids/leaking drums)
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

02 OBSERVED (DATE: _____) POTENTIAL ALLEGED

None apparent, scale scored in pile

01 N. DAMAGE TO OFFSITE PROPERTY
04 NARRATIVE DESCRIPTION

02 OBSERVED (DATE: _____) POTENTIAL ALLEGED

Unknown

01 O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs
04 NARRATIVE DESCRIPTION

02 OBSERVED (DATE: _____) POTENTIAL ALLEGED

Unknown

01 P. ILLEGAL/UNAUTHORIZED DUMPING
04 NARRATIVE DESCRIPTION

02 OBSERVED (DATE: _____) POTENTIAL ALLEGED

None Apparent

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

None Apparent

III. TOTAL POPULATION POTENTIALLY AFFECTED: _____

IV. COMMENTS

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

Site Inspection



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE | 02 SITE NUMBER
NY 0000514703

II. HAZARDOUS CONDITIONS AND INCIDENTS

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

Unknown

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

No, samples analyzed for metals and THO were negative

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

Unknown

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

No

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

No

01 F. CONTAMINATION OF SOIL 02 OBSERVED (DATE: 4-16-82) POTENTIAL ALLEGED
03 AREA POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION
(Acres)

metals found in low concentrations in soil may be natural background

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

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

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

SECTION IV
SITE HISTORY

SECTION IV

SITE HISTORY

Harvey Newman and Son

The Harvey Newman site has been a landscaping, landfill, and top-soil business owned and operated by the Newman family since 1949. In 1981 Mr. Newman received a permit to haul and store iron and zinc phosphate from Roblin Steel for eventual deposit elsewhere (NYSDEC, 1981).

Inspections of the site in April, 1982 and July, 1983 by the Niagara County Department of Health and a state contractor found piles of concrete, dirt, and a load of mill scale from Roblin Steel on the site (NCDOH, 1983). A sampling program conducted by the New York State Department of Environmental Conservation (Region 9) failed to detect heavy metals in surface water samples, but did detect very low levels of heavy metals in the soil (NYSDEC). Comparison of these soil samples results with background samples collected by the USGS reveals that the concentration levels of copper, lead, nickel, and zinc are somewhat above background levels.

SECTION V
SUMMARY OF AVAILABLE DATA

SECTION V
SUMMARY OF AVAILABLE DATA
Harvey Newman & Son

REGIONAL GEOLOGY AND HYDROLOGY

The site is located in the Erie-Ontario lowlands physiographic province. The bedrock of this region is predominantly limestone, dolostone, and shale. Most of the rocks are deep aquifers with regional flow to the south.

In the recent past, most of New York State, including the site, has been repeatedly covered by a series of continental ice sheets. The activity of the glacier widened preexisting valleys, and deposited widespread accumulations of till. The melting of ice, ending approximately 12,000 years ago, produced large volumes of meltwater; this water subsequently shaped channels and deposited thick accumulations of stratified, granular sediments.

As glacial ice retreated from the region, meltwater formed lakes in front of the ice margin. This region is covered by lake sediments, the most recent being from Lake Iroquois (a larger predecessor to Lake Ontario) and from Lake Tonawanda (an elongate lake which occupied an east-west valley and drained north into Lake Iroquois). The sediments consist of blanket sands and beach ridges which are occasionally underlain by lacustrine silts and clays (indicating quiet or deeper water deposition).

Granular deposits in this region frequently act as shallow aquifers, whereas lacustrine clays, as well as tills, often inhibit groundwater movement. However, fine-grained, water-lain sediments, such as silts and clays, frequently contain horizontal laminations and sand seams. These internal features facilitate lateral groundwater movement through otherwise low permeability materials.

SITE GEOLOGY

No subsurface investigations have been performed on the site. This summary of site geology is based on USGS topographic map, NYS Museum and Science Service Bedrock Geology Map and Quaternary Geology Map, and geologic investigations at nearby disposal sites.

The bedrock at the site is expected to be Camillus Shale (Salina Group) and may be located at depths below 25 feet. Overlying the bedrock is a lacustrine silt and clay unit which becomes sandy in the upper soil layers. A continuous layer of topsoil covers the ground surface of the site, to a depth of approximately 1 foot.

SITE HYDROLOGY

No on-site hydrogeological investigations have been performed. This summary of site hydrology is based on our experience of site subsurface conditions at other sites in the vicinity.

The site soils probably form a shallow aquifer, with a water table at a depth of approximately 4 feet. A deep bedrock aquifer may occur in the shale. Flow directions and rates within these aquifers are undetermined.

There are no surface water bodies on the site. A rainwater collecting ditch borders the site to the east. Water in this ditch is slow moving, eventually draining to the south.

SAMPLING AND ANALYSIS

Surface water samples from four locations on the Harvey Newman and Son site were analyzed for metals (NCDOH, 1982). Results are summarized in Table V-1. Figure V-1 shows the sampling locations.

Soil samples were also taken at the same locations as the water samples are analyzed for metals and organics. An additional soil sample (#1) was taken at the outfall of an existing drain pipe believed to be serving the yard. (NCDOH, 1982). Results are summarized in Table V-2.

A chemical analysis of the Roblin Steel Company mill scale deposited on the Harvey Newman and Son site showed that the iron oxide scale contained 80%-85% FeO, 10%-15% Fe₃O₄ and 2% Fe₂O₃ (NCDOH, 1983).

TABLE V-1
 Summary of Analysis of Harvey Newman and Son
 Surface Water Samples for Metals (Niagara County DOH, 1982)

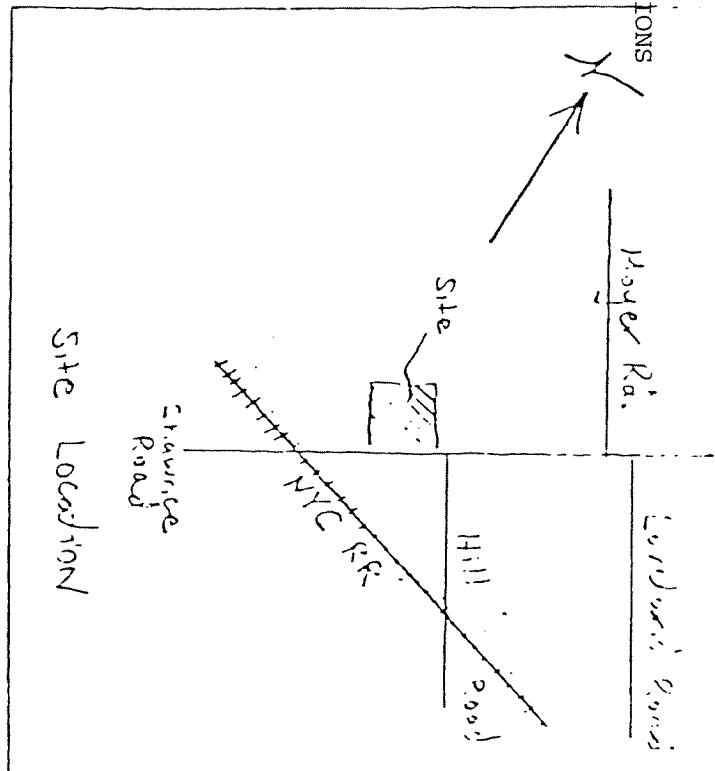
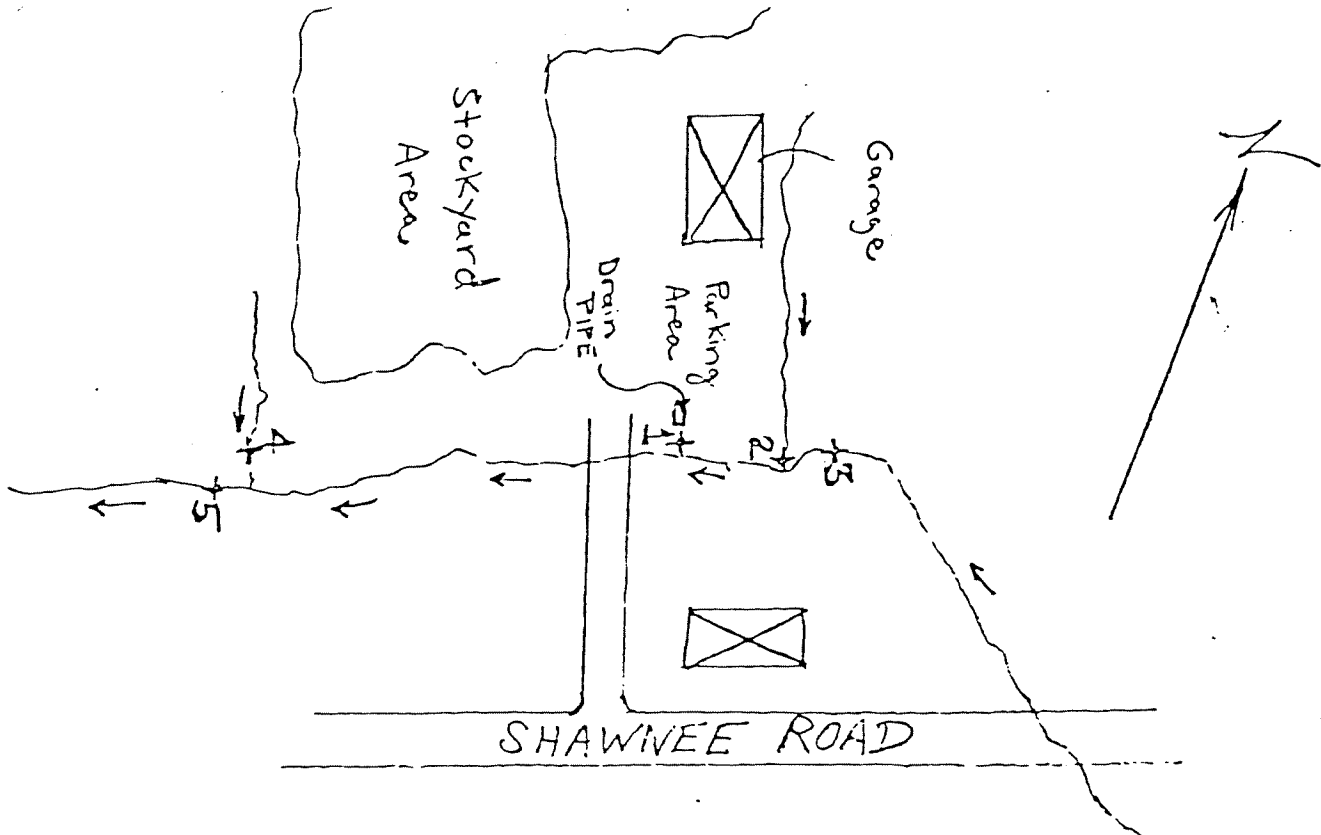
Parameter (mg/l)	<u>Sample Station</u>			
	2	3	4	5
Arsenic	<0.006	<0.006	<0.006	<0.006
Beryllium	<0.01	<0.01	<0.01	<0.01
Cadmium	0.006	<0.005	<0.005	<0.006
Chromium	<0.006	<0.006	<0.006	<0.006
Mercury	<0.001	<0.001	<0.001	<0.001
Nickel	<0.03	<0.03	<0.03	<0.03
Antimony	<0.2	<0.2	<0.2	<0.2

Table V-2
 Summary of Analysis of Harvey Newman and Son
 Soil Samples (Niagara County DOH, 1982)

Parameter	Units of Measure	Sample Identification (Station #)				
		(1)	(2)	(3)	(4)	(5)
Arsenic	ug/g dry	3.9	5.6	6.7	1.9	3.9
Beryllium	ug/g dry	<0.6	<0.5	<2	<0.6	<0.5
Cadmium	ug/g dry	1.5	0.55	1.5	0.840	2.1
Chromium	ug/g dry	15	8.4	15	13	12
Copper	ug/g dry	69	26	39	42	44
Lead	ug/g dry	55	36	58	45	47
Mercury	ug/g dry	<0.09	<0.08	<0.1	<0.1	<0.1
Nickel	ug/g dry	36	20	35	29	38
Selenium	ug/g dry	1.1	<0.4	1.1	<0.6	<0.6
Silver	ug/g dry	<0.6	<0.5	<2	<0.6	<0.5
Thallium	ug/g dry	<6	<5	<20	<6	<5
Antimony	ug/g dry	<10	<9	<30	<10	<10
Zinc	ug/g dry	130	120	260	240	240
Halogenated	ug/g dry as Cl ₂	0.97	0.53	1.5	1.3	1.9
Organic Scan	Lindane Standard					

FIGURE V-1

HARVEY NEWMAN AND SON SAMPLING LOCATIONS



Harvey Newman & SON
Town of Wheatfield
Niagara County

SECTION VI
ASSESSMENT OF ADEQUACY OF DATA

SECTION VI

ASSESSMENT OF ADEQUACY OF DATA

Harvey Newman & Son

HRS Data Requirement	Comments on Data
Observed Release	
Ground Water	No available data, field data collection recommended.
Surface Water	Data available, adequate for HRS evaluation.
Air	No available data, field data collection is not recommended.
Route Characteristics	
Ground Water	Insufficient information, more data collection recommended.
Surface Water	Data available, adequate for HRS evaluation.
Air	Data available, adequate for HRS evaluation.
Containment	Information available, adequate for HRS evaluation.
Waste Characteristics	Information available, adequate for HRS evaluation.
Targets	Information available, adequate for HRS evaluation.
Observed Incident	Information available revealed no report of incident. No further investigation recommended.
Accessibility	Adequate information available.

SECTION VII
PHASE II WORK PLAN

SECTION VII
PHASE II WORK PLAN
Harvey Newman & Son

OBJECTIVES

The objectives of the Phase II activities are:

- o To collect additional field data necessary to complete the HRS scoring.
- o To perform a conceptual evaluation of remedial alternatives and estimate budgetary costs for the most likely alternative.
- o To prepare a site investigation report.

The additional field data required to complete the HRS are defined as follows:

Ground Water - A ground water monitoring system consisting of 3 wells is recommended. The wells are to be 20 to 50 feet in depth and constructed of 2" PVC pipe. The samples will be analyzed for metals.

TASK DESCRIPTION

The proposed Phase II tasks are described in Table VII-1.

COST ESTIMATE

The estimated manhours required for the Phase II project are presented in Table VII-2 and the estimated project costs by tasks are presented in Table VII-3.

HEALTH AND SAFETY PLAN

The Health and Safety Plan will be submitted as a separate document.

QUALITY ASSURANCE PLAN

The Quality Assurance Plan will be submitted as a separate document.

TABLE VII-1
 PHASE II WORK PLAN - TASK DESCRIPTION
Harvey Newman & Son

Tasks	Description of Task
TASK	
II-A Update Work Plan	Review the information in the Phase I report, conduct a site visit, and revise the Phase II work plan.
II-B Conduct Geophysical studies	No further studies necessary.
II-C Conduct Boring/Install Monitoring Wells	Install 1 up-gradient and 2 down-gradient wells. The wells are to be 20 to 50 feet in depth and constructed of 2" PVC pipe.
II-D Construct Test Pits/Auger Holes	No further construction of test pits/auger holes necessary.
II-E Perform Sampling and Analysis	
Soil samples from borings	No further sampling necessary.
Soil samples from surface soils	No further sampling necessary.
Soil samples from test pits and auger holes	No further sampling necessary.
Sediment samples from surface water	No further sampling necessary.
Ground-water samples	Analyze samples for metals.
Surface water samples	No further sampling necessary.
Air samples	No further sampling necessary.
Waste samples	No further sampling necessary.
II-F Calculate Final HRS	Based on the field data collected in Tasks IIB-IIE, complete the HRS form.
II-G Conduct Site Assessment	Prepare final report containing Phase I report, additional field data, final HRS and HRS documentation records, and site assessments. The site assessment will consist of a conceptual evaluation of alternatives and a preliminary cost estimate of the most probable alternative.
II-H Project Management	Project coordination, administration and reporting.

TABLE VII-2
 PERSONNEL RESOURCES BY TASK
 PHASE II HRS SITE INVESTIGATION (SITE: HARVEY MEMMAN & SON)

TASK DESCRIPTION	TEAM MEMBERS, MANHOURS											TOTAL HOURS	TOTAL	
	PIC	IRB	PM	DPH	PCH	QRM	HSN	FTL	FT	RAAL	RAAT			SS
II-A UPDATE WORK PLAN	1		4	1		1	1	6		6		8	28	469
II-B CONDUCT GEOPHYSICAL STUDIES													0	0
II-C CONDUCT BORING/INSTALL MONITORING WELLS			2	1		1	4	8	24	2		6	48	611.47
II-D CONSTRUCT TEST PITS/AUGER HOLES													0	0
II-E PERFORM SAMPLING AND ANALYSIS													0	0
SOIL SAMPLES FROM BORINGS													0	0
SOIL SAMPLES FROM SURFACE SOILS													0	0
SOIL SAMPLES FROM TEST PITS AND AUGER HOLES													0	0
SEDIMENT SAMPLES FROM SURFACE WATER													0	0
GROUND-WATER SAMPLES			2	1		1	2	4	16	2		10	38	455.41
SURFACE WATER SAMPLES													0	0
AIR SAMPLES													0	0
WASTE SAMPLES													0	0
II-F CALCULATE FINAL HRS				3			3	24				16	49	563.23
II-G CONDUCT SITE ASSESSMENT	1	2	4	2			4	16	6	24		32	91	1103.84
II-H PROJECT MANAGEMENT	2		6	2	3	4	4					8	29	509.2
TOTALS	4	2	21	10	3	7	11	25	80	16	24	80	283	3703.15

TABLE VII-3
 COST ESTIMATE BREAKDOWN BY TASK
 PHASE II HRS SITE INVESTIGATION (SITE: HARVEY NEWMAN & SON)

TASK DESCRIPTION	DIRECT LABOR HOURS	DIRECT LABOR COST	OTHER DIRECT COSTS (ODC), \$						SUBTOTAL ODC	TOTAL (\$)
			LAB ANALYSIS	TRAVEL AND SUBSTANCE	SUPPLIES	EQUIP. CHARGES	TRACTORS	MISC.		
II-A UPDATE WORK PLAN	28	469	100	50	50	50	25	225	694	
II-B CONDUCT GEOPHYSICAL STUDIES								0	0	
II-C CONDUCT BORING/INSTALL MONITORING WELLS	48	611.47	255	300	75	3600		4230	4841.47	
II-D CONSTRUCT TEST FITS/AUGER HOLES								0	0	
II-E PERFORM SAMPLING AND ANALYSIS										
SOIL SAMPLES FROM BORINGS								0	0	
SOIL SAMPLES FROM SURFACE SOILS								0	0	
SOIL SAMPLES FROM TEST PITS AND AUGER HOLES								0	0	
SEDIMENT SAMPLES FROM SURFACE WATER								0	0	
GROUND-WATER SAMPLES	38	455.41	267	85	100	75	25	552	1007.41	
SURFACE WATER SAMPLES								0	0	
ATR SAMPLES								0	0	
WASTE SAMPLES								0	0	
II-F CALCULATE FINAL HRS	49	563.23		50			25	125	688.23	
II-G CONDUCT SITE ASSESSMENT	91	1103.84		100			75	375	1478.84	
II-H PROJECT MANAGEMENT	29	500.2	150	150	50		50	400	900.2	
TOTALS	283	3703.15	267	590	750	500	3600	5907	9610.15	

OVERHEAD = 5369.56
 SUBTOTAL = 14979.71
 FEEL = 1199.37
 TOTAL PROJECT COST = 16178.09

APPENDIX A
BIBLIOGRAPHY

APPENDIX A

BIBLIOGRAPHY

Harvey Newman and Son

- Drapeau, Norman (1981) Chief, Operations Section. Memo to NYSDEC Region 9, with attachments. March 18, 1981.
- New York State Museum and Science Service (1970). Geologic Map of New York, Niagara Sheet, Map and Chart Series No. 15.
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- Niagara County Refuse Disposal District (1981). Application for Septic Tank Cleaner and Industrial Waste Collector Registration, Region 9 copy. March 10, 1981.
- NYSDEC (1981A). Industrial Waste Collector Registration Form Continuation. February 4, 1981.
- NYSDEC (1981B). Industrial Waste Collector Registration Form Continuation. March 2, 1981.
- NYSDEC (1981C). Septic Tank Cleaner and Industrial Waste Collector Annual Report. March 11, 1981.
- United States Geological Survey, Topographic Maps. 7.5 Minute Series.

7-11
NCDOH (1982). Niagara County Department of Health, Harvey
Newman Site Summary, April 16, 1982.

NAME OF SITE: Harvey Newman & Son

LOCATION: Shawnee Road, Niagara County

PRESENT OWNER: Harvey Newman

HISTORY

This site is used by Mr. Newman as a stockyard, with various grades of fill stored on-site for resale. The site is not a disposal site.

In March, 1981, Mr. Newman was permitted to haul iron and zinc phosphate sludge from Roblin Steel to the Niagara County Refuse Disposal District.

The Interagency Task Force Report indicates that iron and zinc phosphate sludge from Roblin Steel were deposited on-site. Also, the report mentions that the site was a possible fuel oil dump.

INVESTIGATION

During our sampling of the site, we observed iron oxide scale stored at the site for resale. There was no evidence of iron and zinc phosphate sludges. Also, on site was various grades of fill material.

Mr. Newman was permitted to haul industrial waste material from Roblin Steel to Niagara County Refuse Disposal. These materials as indicated on the permit are rolling mill scale, lime and phosphate sludge, cooling pond scale, and refractory material.

The site was sampled at five different locations. Sites 2-5 were sampled from existing drainage swales as indicated on the reference map. The following parameters were tested: (water) heavy metals, (soil) metals, and THO organics. Conducted at Site 1 was a soil sample tested for metals and THO organics at the outfall of an existing drain pipe believed to be serving the stockyard site.

SOIL AND GEOLOGICAL INFORMATION

The site is classified as poorly drained soils having a fine texture or moderately fine textured subsoil that is dominantly reddish in color, belonging to the Odessa-Lakemont Ovid series.

The Odessa silty clay loam has slopes of 0 to 2 at this site. This site is south of the limestone escarpment, which were areas that were occupied by glacial lakes.

Most commonly included with this soil in mapping are areas of Lakemont soils in depressions or along drainageways, of Schoharie and Cayuga soils on ridges or knolls, and of Churchville soils where the lake deposits are moderately deep over glacial till. Reddish colored silt is between depth of about 2 and 4 feet. This site has a silt loam surface layer cap of 10 to 12 inches thick.

The Salina rock at this site was formed during the Upper Silurian Period of the Paleozoic Era. Its characteristics are indifferntiated gypsiferous shale, domoite, principally Camillus Shale. The Camillus shale extends across Erie County in an east-west trending belt approximately six to eight miles wide. This belt is largely lowland in which outcrops are rare. The Camillus shale at the site is a massive gray magnesium-lime mudrock.

SAMPLE ANALYSES

Soil samples were taken from all five stations and analyzed for metals and THO. Water samples were taken for stations 2-5 and analyzed for metals.

DISCUSSION OF RESULTS

Drainage swales which encompass the noted Harvey Newman site were sampled and analyzed for metals and THO.

The test results did not confirm the presence of any unusually high concentrations of metals.

RECOMMENDATIONS

This site appears to be a storage area for various materials which are not hazardous. No further sampling should be conducted.

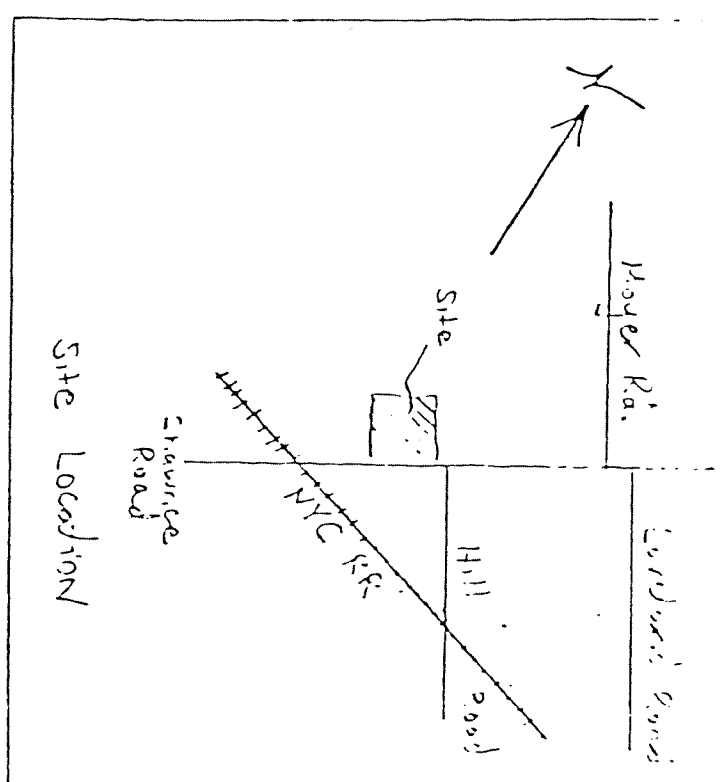
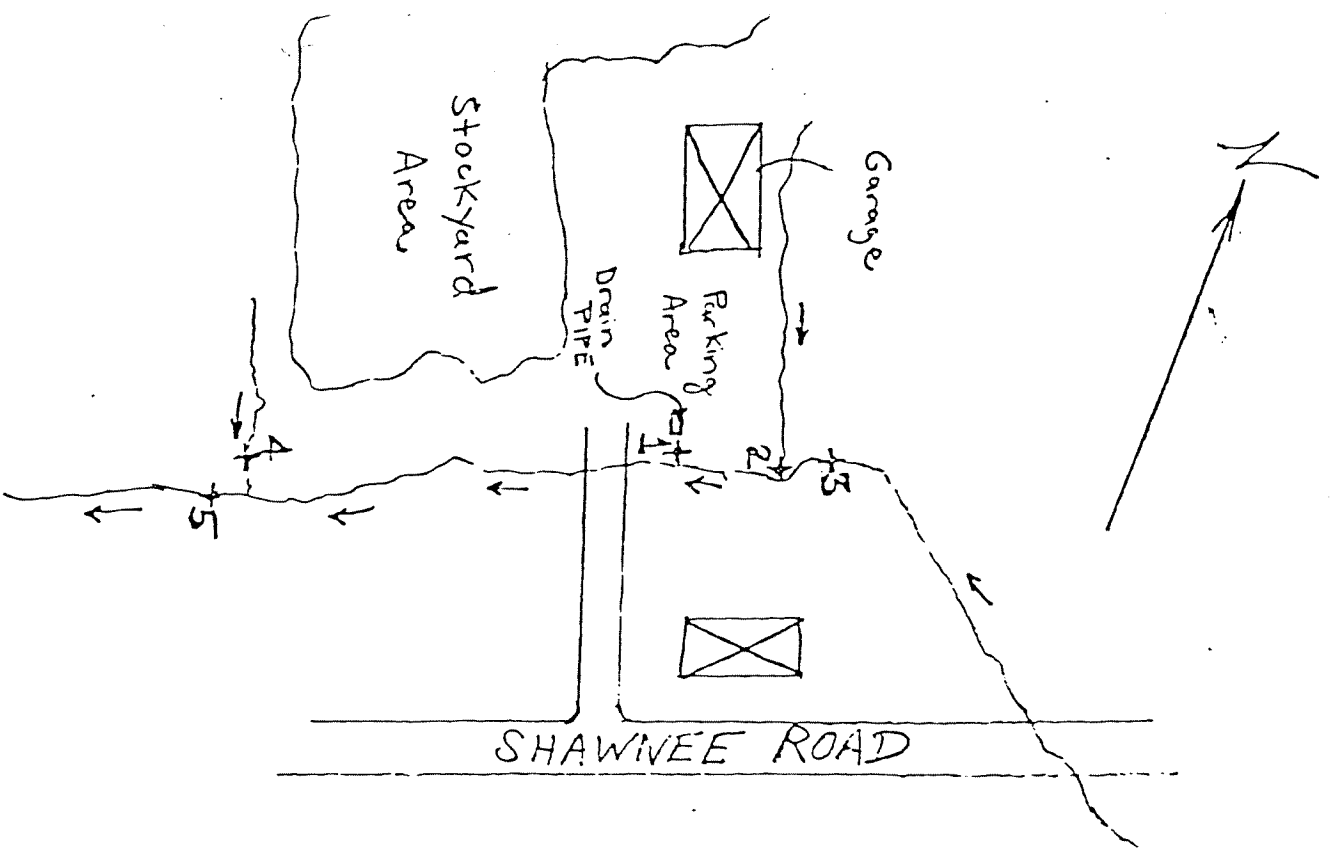
HARVEY NEWMAN - Water Analyses

(4/16/82)

<u>COMPOUND</u>	<u>UNITS OF MEASURE</u>	<u>SAMPLE IDENTIFICATION (Station #)</u>			
		<u>(2)</u>	<u>(3)</u>	<u>(4)</u>	<u>(5)</u>
Arsenic	ug/l	<6	<6	<6	<6
Beryllium	mg/l	<0.01	<0.01	<0.01	<0.01
Cadmium	mg/l	0.006	<0.005	<0.005	0.006
Chromium	mg/l	<0.006	<0.006	<0.006	<0.006
Copper	mg/l	0.020	<0.01	<0.01	<0.01
Lead	mg/l	0.11	0.05	0.07	<0.04
Mercury	ug/l	<1	<1	<1	<1
Nickel	mg/l	<0.03	<0.03	<0.03	<0.03
Selenium	ug/l	<6	<6	<6	<6
Silver	mg/l	<0.01	<0.01	<0.01	<0.01
Thallium	mg/l	<0.1	<0.1	<0.1	<0.1
Antimony	mg/l	<0.2	<0.2	<0.2	<0.2
Zinc	mg/l	0.039	0.167	0.057	0.044

HARVEY NEWMAN - Soil Analysis (4/16/82)

PARAMETER	UNITS OF MEASURE	SAMPLE IDENTIFICATION (Station #)				
		(1)	(2)	(3)	(4)	(5)
Arsenic	ug/g dry	3.9	5.6	6.7	1.9	3.9
Beryllium	ug/g dry	<0.6	<0.5	<2	<0.6	<0.5
Cadmium	ug/g dry	1.5	0.55	1.5	0.840	2.1
Chromium	ug/g dry	15	8.4	15	13	12
Copper	ug/g dry	69	26	39	42	44
Lead	ug/g dry	55	36	58	45	47
Mercury	ug/g dry	<0.09	<0.08	<0.1	<0.1	<0.1
Nickel	ug/g dry	36	20	35	29	38
Selenium	ug/g dry	1.1	<0.4	1.1	<0.6	<0.6
Silver	ug/g dry	<0.6	<0.5	<2	<0.6	<0.5
Thallium	ug/g dry	<6	<5	<20	<6	<5
Antimony	ug/g dry	<10	<9	<30	<10	<10
Zinc	ug/g dry	130	120	260	240	240
Dry Weight	%	56	54	32	31	32
Halogenated Organic Scan	ug/g dry as Cl ₂ Lindane Standard	0.97	0.53	1.5	1.3	1.9



Harvey Newman & SON
 Town of Wheatfield
 Niagara County

- Hooper File

NIAGARA COUNTY
DEPARTMENT OF HEALTH

Code Activity

Code Location

Service Request No.

Date Received Complaint

Service Request *Inspection of Property where Demolition material is located*

Originator of Complaint Address

Owner *Dennis Newman* Address *7030 Shrewsbury Rd, Westfield*

Occupant Address *(692-6253)*

REPORT OF INVESTIGATION

Date	Hours
3-83	9:50 A.M.

This writer called Mr. Newman who said that the pile of material in question was mill scale from Reelin Steel in North Tonawanda. He said that he was selling the mill scale to I. and S. Scrap Metal in N. Tona. but with the industry being so slow right now there, had no choice but to store the mill scale until a buyer comes along. Mr. Newman stated that the mill scale has been stored on the property for 1 1/2 to 2 yrs. now.

J. Rodriguez

Date Abated By

**NIAGARA COUNTY
DEPARTMENT OF HEALTH**

Code Activity
Code Location
Service Request No.
Date Received Complaint

Request Inspection of Property where Permitted material is located.
 Director of Complaint Address
 Name Dennis Newman Address 7230 Shawnee Rd, Wheatfield
 Apartment Address 692-6253

REPORT OF INVESTIGATION

8:30
3:15
m. This writer went to Mr. Newman's address but found no one home at this time. I proceeded to make an observation of the type of material that is being stored on the property.

Most of what I saw at the site consisted of various sized piles of either broken up pieces of curbs or concrete, stone or dirt. There were a couple of very small (5' x 5' x 2' high) piles of asphalt chunks.

However, near the south-east section of the site there was a large pile of ash-like material (black but not a powdery material) rather like sand in texture.

This pile was probably 25' long by 25' wide by 15' high.

I will try to contact Mr. Newman to find out exactly what the material is, (2) where did it come from (3) what he is using the material for.

J. Landryan

8:30
10:35
p.m. This writer called Mr. Newman's telephone number but received no answer at this time.

J. Landryan

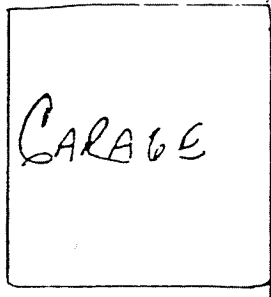
11:35
p.m. Called Mr. Newman's tele. # - no answer.

J. Landryan

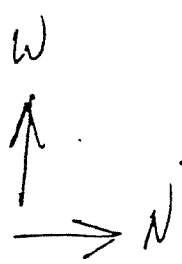
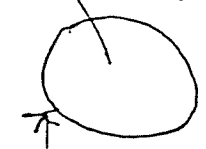
DENNIS NEWMAN'S ~~PROPERTY~~ PROPERTY

○ AREA WHERE THERE ARE VARIOUS SIZE SIZES OF DIRT STONES, CONCRETE OR CEMENT BLOCKS AND A SMALL AMOUNT OF ASPHALT

COMBINATION DIRT, STONES MIXTURE

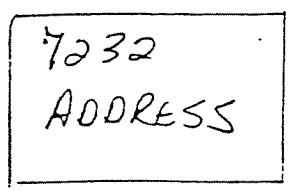


• PILE OF ASH
~25' x 25' x 14' HIGH



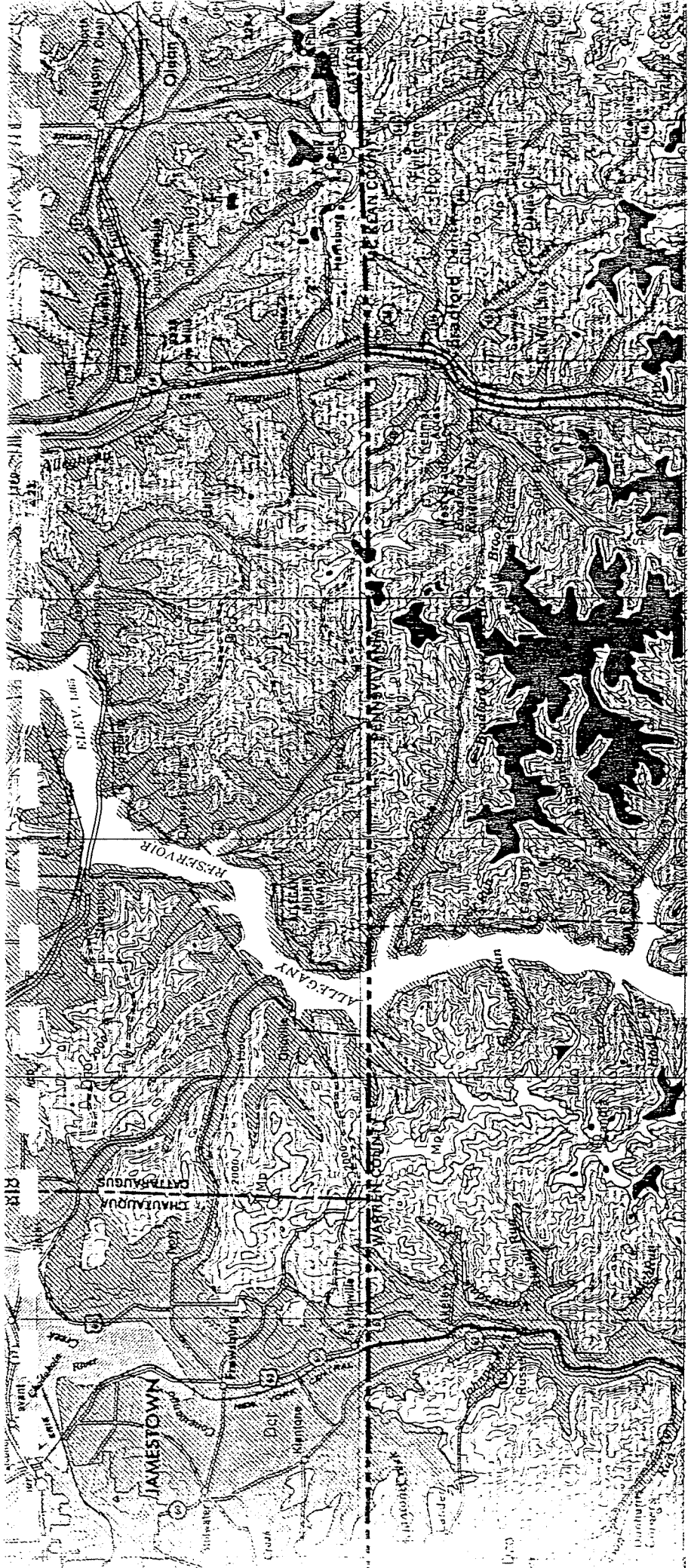
~200'

ACCESS ROAD



1/2" = TO SCALE

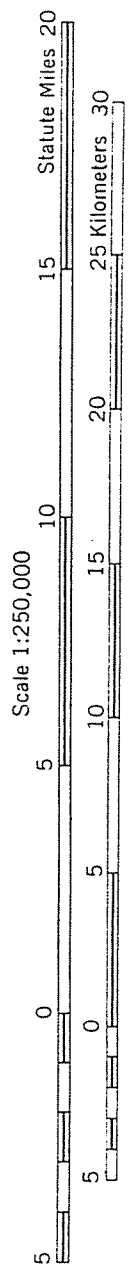
SHAWNEE RD.



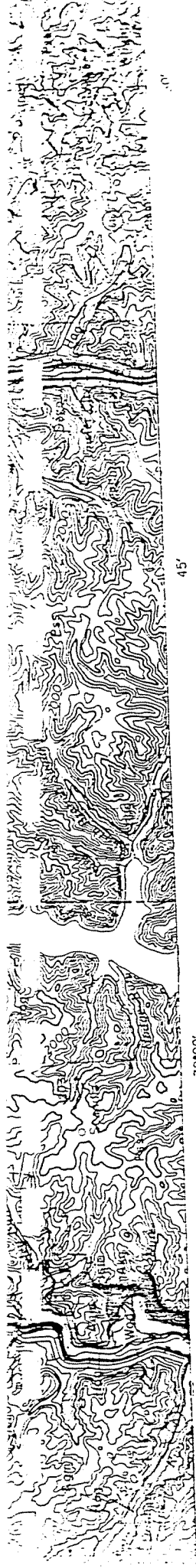
GEOLOGIC MAP OF NEW YORK

1970

Niagara Sheet



CONTOUR INTERVAL 100 FEET

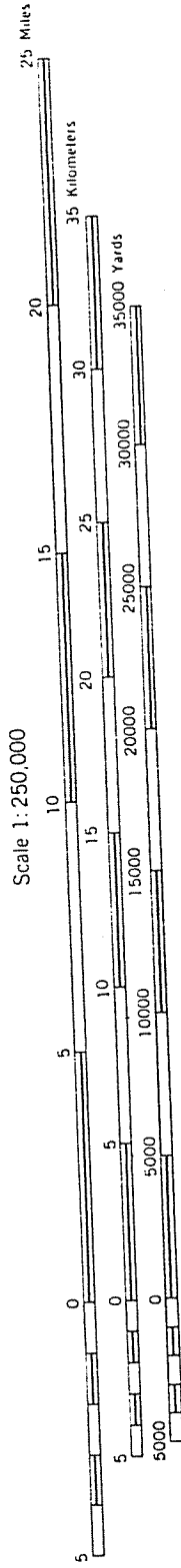


79°00'

45°

QUATERNARY GEOLOGY OF NEW YORK, NIAGARA SHEET

by Ernest H. Muller



MAP DATA SOURCES

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3. Karrow, P.F., 1963, Pleistocene geology of the Mines, Geol. Rep. 16, 68p. and Map 2033.
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11. Kindler, E.M. and F.B. Taylor, 1913, Description Atlas Folio 190, 25p.
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APPENDIX B
NYS REGISTRY FORM

-7-13-11/2/00

HAZARDOUS WASTE DISPOSAL SITES REPORT
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Code: _____

Site Code: 932062

Name of Site: Harvey Newman & Son Region: 9

County: Niagara Town/City: Wheatfield

Street Address: 7230 Shawnee Road

Status of Site Narrative:

This is not a disposal site. Mr. Newman stores various grades of fill for resale with no burial. No chemical wastes are hauled to the site. He does run a trucking service from various plant sites to permitted landfill sites. Mill scale from Roblin Steel is being stored on site until a buyer is located.

Type of Site:	Open Dump <input checked="" type="checkbox"/>	Treatment Pond(s) <input type="checkbox"/>	Number of Ponds _____
	Landfill <input type="checkbox"/>	Lagoon(s) <input type="checkbox"/>	Number of Lagoons _____
	Structure <input type="checkbox"/>		

Estimated Size 20 Acres

Hazardous Wastes Disposed? Confirmed Suspected

*Type and Quantity of Hazardous Wastes:

TYPE	QUANTITY (Pounds, drums, tons, gallons)
<u>Iron oxide scale</u>	<u>350 cubic yards (estimate)</u>
_____	_____
_____	_____
_____	_____
_____	_____

* Use additional sheets if more space is needed.

RECEIVED
JUN 27 1985
N.Y.S.D.E.C.