EA Report DEC31A

PRELIMINARY INVESTIGATION OF THE KORKAY, INC. SITE TOWN OF BROADALBIN, FULTON COUNTY, NEW YORK

PHASE I. SUMMARY REPORT

Prepared for

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

Prepared by

Ecological Analysts, Inc.
R.D. 2, Goshen Turnpike
Middletown, New York 10940

September 1984

CONTENTS

EXECUTIVE SUMMARY

The Korkay, Inc. Site (New York ID No. 518014, EPA ID No. NYD002088508) is a barrel storage and cleaning area on the property of Korkay, Inc., 70 West Main Street, Broadalbin, Fulton County, New York. Korkay, Inc. buys bulk chemicals (mostly detergents and solvents) and mixes them as automotive cleaners and waxes and general hand and spray cleaners. Between 1969 and 1980, Korkay obtained used barrels, washed them out, relined them, and used them to distribute their final products. The barrel washwater, together with washwater from spill cleanup and vat cleaning, was discharged to the septic tank. Unwashed barrels were stored outdoors on the west side of the building, apparently resulting in some leakage of their contents onto the ground. The previous contents of the barrels are not known, but are believed to have been acetone, isopropyl alcohol, degreasers, surfactants, perfumes, and flavorings.

In 1980, Korkay installed an indoor, 4,000 gallon holding tank for the vat cleaning wastewater, and contracted to have drums washed offsite. Although puddles of leachate had been reported on the ground in the barrel storage area, an EA site inspection indicated that there were no signs of recent leaks or spills in this area, and that the vegetation (weeds, shrubs, and trees) on and around the site appeared healthy.

The preliminary HRS scores for the Korkay, Inc. site are as follows: Migration Score (S_M) = 7.14; Direct Contact Score (S_{DC}) = 0. The available data are inadequate for preparing a final HRS because of the lack of analytical data and the lack of information on quantities of materials discharged to ground water. Since Korkay, Inc. has taken mitigating measures (installation of a holding tank and cessation of barrel washing activities) to prevent further wastewater discharges to the septic tank or ground, a modest ground water sampling effort can be recommended to confirm the presence or absence of ground water contamination. Multi-depth EM surveys of the site perimeter, expanding outward for plume definition, are recommended, with resistivity confirmation, as necessary. A single test boring to be completed as an observation well and one ground water sample can be taken and analyzed for priority pollutants. In

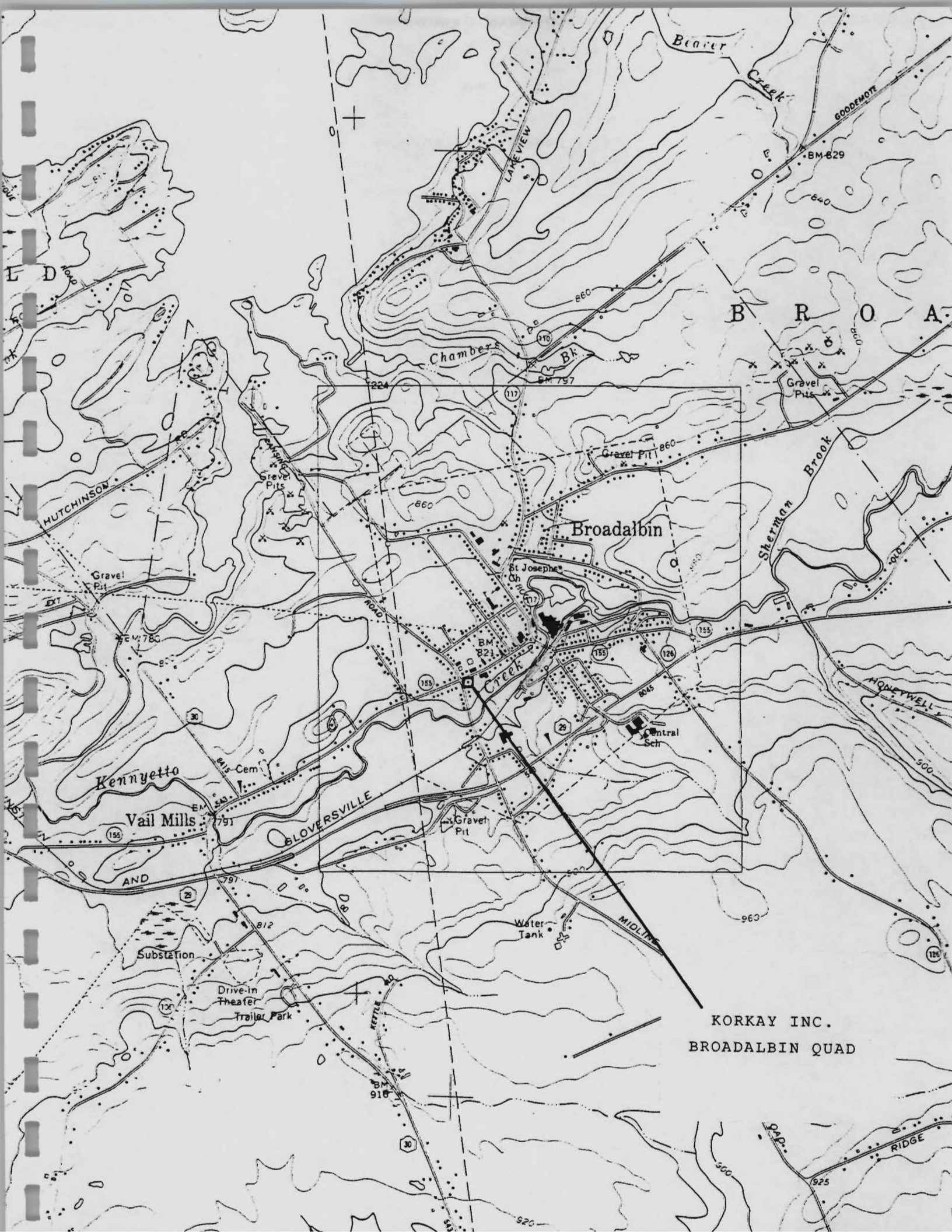
addition, a water sample may be taken from the two Village of Broadalbin wells and analyzed for priority pollutants to confirm the presence or absence of contamination of drinking water supplies.

The cost estimate to perform said work would be $14,100 without the sampling of the village wells, and $17,300 with the sampling of the village wells. If contamination of the ground water on the Korkay site were confirmed (observed release), the maximum score for ground water (S_{gw}) would be 14.13, and the maximum Migration Score (S_M) would be 8.23. A reasonable estimate of the quantities of wastes washed from the barrels and from the cleaning operations probably cannot be made.

KORKAY, INC.

The Korkay, Inc. Site (New York ID No. 518014, EPA ID No. NYD002088508) is the barrel storage and cleaning area on the property of Korkay, Inc., a chemical supply company in Broadalbin, New York. The firm buys bulk chemicals, and blends or repackages them as automotive products (car waxes, solvents), spray cleaners, and hand cleaners. Previously, wastewater from the washing of used barrels, and from spill cleanup in the plant, was discharged to the septic tank behind the plant building. Used barrels were also stored outdoors behind the plant, and puddles of leakages from these barrels had been observed on the ground in the barrel storage area.

Korkay has recently installed a 4,000 gallon holding tank, and is no longer discharging wastewater to the septic tank. They have also contracted to have the barrels washed offsite.


Beaver Creek
GODDEMOTE
BM 829
LAKEVIEW
Chambers Bk
BM 797
Gravel Pits
Gravel Pit
Sherman Brook
HUTCHINSON
Broadalbin
St Joseph's Ch
ROAD
BM 821
Creek
Central Sch
HONEYWELL
Kennyetto
Cem
Vail Mills
BM 791
GLOVERSVILLE
AND
Gravel Pit
Water Tank
MIDLINE
Substation
Drive-in Theater
Trailer Park
KETTLE
BM 918
GAP
RIDGE
KORKAY INC.
BROADALBIN QUAD

federal register

Friday
July 16, 1982

Korkay Inc.

Part V

Environmental Protection Agency

National Oil and Hazardous Substances Contingency Plan

Facility name: KorKay Inc.

Location: Broadalbin New York

EPA Region: II

Person(s) in charge of the facility:

Name of Reviewer: Ecological Analysts Date: 8/15/83

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.)

KorKay Inc. is a chemical supply company that packages and sells car wakes, automotive cleaners and general spray and hand cleaners. Used barrels stored and cleaned on site and waste water was formerly discharged to septic tank

Scores: S_M = 7.14 (S_{gw} = 12.24 S_{sw} = 17 S_a = 0)

S_{FE} =

S_{DC} = 0

Max Sm = 8.23

FIGURE 1
HRS COVER SHEET

BILLING CODE 6560-50-C

Ground Water Route Work Sheet					
Rating Factor	Assigned Value (Circle One)	Multiplier	Score	Max. Score	Ref. (Section)
1 Observed Release	(0) 45	1	0	45	3.1
If observed release is given a score of 45, proceed to line 4. If observed release is given a score of 0, proceed to line 2.					
2 Route Characteristics					3.2
Depth to Aquifer of Concern	0 1 2 (3)	2	6	6	
Net Precipitation	0 1 (2) 3	1	2	3	
Permeability of the Unsaturated Zone	0 1 [2] 3	1	2	3	
Physical State	0 1 2 (3)	1	3	3	
Total Route Characteristics Score			13	15	
3 Containment	0 1 2 (3)	1	3	3	3.3
4 Waste Characteristics					3.4
Toxicity/Persistence	0 3 (6) 9 12 15 18	1	6	18	
Hazardous Waste Quantity	[0] 1 2 3 4 5 6 7 8	1	0	8	
Total Waste Characteristics Score			6	26	
5 Targets					3.5
Ground Water Use	0 1 (2) 3	3	6	9	
Distance to Nearest Well/Population Served	0 4 6 8 10 / 12 16 18 20 / (24) 30 32 35 40	1	24	40	
Total Targets Score			30	49	
6 If line 1 is 45, multiply 1 x 4 x 5 / If line 1 is 0, multiply 2 x 3 x 4 x 5			7020	57,330	
7 Divide line 6 by 57,330 and multiply by 100		S_{gw} =	12.24		

FIGURE 2
GROUND WATER ROUTE WORK SHEET

Surface Water Route Work Sheet

Rating Factor	Assigned Value (Circle One)	Multiplier	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	1	3	
Distance to Nearest Surface Water	0 1 2 (3)	2	6	6	
Physical State	0 1 2 (3)	1	3	3	
Total Route Characteristics Score			10	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	6	18	
Hazardous Waste Quantity	[0] 1 2 3 4 5 6 7 8	1	0	8	
Total Waste Characteristics Score			6	26	
5 Targets					4.5
Surface Water Use	0 1 [2] 3	3	6	9	
Distance to a Sensitive Environment	[0] 1 2 3	2	0	6	
Population Served/Distance to Water Intake Downstream	[0] 4 6 8 10 12 16 18 20 24 30 32 35 40	1	0	40	
Total Targets Score			6	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			1080	64,350	
7 Divide line 6 by 64,350 and multiply by 100		S_{SW} =	1.68		

FIGURE 7
SURFACE WATER ROUTE WORK SHEET

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

FIGURE 9
AIR ROUTE WORK SHEET

BILLING CODE 6560-50-C

four-mile radius as well as transients such as workers in factories, offices, restaurants, motels, or students. It excludes travelers passing through the area. If aerial photography is used in making the count, assume 3.6 individuals per dwelling unit. Select the highest value for this rating factor as follows:

DISTANCE TO POPULATION FROM HAZARDOUS SUBSTANCE

Population	0–4 miles	0–1 mile	0–½ mile	0–¼ mile
0	0	0	0	0
1 to 100	9	12	15	18
101 to 1,000	12	15	18	21
1,001 to 3,000	15	18	21	24
3,001 to 10,000	18	21	24	27
More than 10,000	21	24	27	30

Distance to sensitive environment is an indicator of the likelihood that a region that contains important biological resources or that is a fragile natural setting would suffer serious damage if hazardous substances were to be released from the facility. Assign a value from Table 10.

Land use indicates the nature and level of human activity in the vicinity of a facility. Assign highest applicable value from Table 13.

6.0 Computing the Migration Hazard Mode Score, S_M

To compute S_M, complete the work sheet (Figure 10) using the values of S_{gw}, S_{sw} and S_a obtained from the previous sections.

7.0 Fire and Explosion

Compute a score for the fire and explosion hazard mode, S_{fe}, when either a state or local fire marshall has certified that the facility presents a significant fire or explosion threat to the public or to sensitive environments or there is a demonstrated fire and explosion threat based on field observations (e.g., combustible gas indicator readings). Document the threat.

7.1 Containment. Containment is an indicator of the measures that have been taken to minimize or prevent hazardous substances at the facility from catching fire or exploding. Normally it will be given a value of 3 on the work sheet (Figure 11). If no hazardous substances that are individually ignitable or explosive are present and those that may be hazardous in combination are segregated and isolated so that they cannot come together to form incompatible mixtures, assign this factor a value of 1.

7.2 Waste Characteristics. Direct evidence of ignitability or explosion potential may exist in the form of measurements with appropriate instruments. If so, assign this factor a value of 3; if not, assign a value of 0.

TABLE 13.—VALUES FOR LAND USE (AIR ROUTE)

Assigned value—	0	1	2	3
Distance to Commercial-Industrial	>1 mile	½ to 1 mile	¼ to ½ mile	<¼ mile.
Distance to National/State Parks, Forests, Wildlife Reserves, and Residential Areas.	>2 miles	1 to 2 miles	½ to 1 mile	<½ mile.
Distance to Agricultural Lands (in Production within 5 years):				
Ag land	>1 mile	½ to 1 mile	¼ to ½ mile	<¼ mile.
Prime Ag Land [1]	>2 miles	1 to 2 miles	½ to 1 mile	<½ mile.
Distance to Historic/Landmark Sites (National Register of Historic Places and National Natural Landmarks).				Within view of site or if site is subject to significant impacts.

[1] Defined in the Code of Federal Regulations, 7 CFR 657.5, 1981.

	S	S^2
Groundwater Route Score (S_{gw})	12.24	149.82
Surface Water Route Score (S_{sw})	1.68	2.82
Air Route Score (S_a)	0	0
$S_{gw}^2 + S_{sw}^2 + S_a^2$		152.64
$\sqrt{S_{gw}^2 + S_{sw}^2 + S_a^2}$		12.35
$\sqrt{S_{gw}^2 + S_{sw}^2 + S_a^2} / 1.73 = S_M =$		7.14

FIGURE 10
WORKSHEET FOR COMPUTING S_M

Direct Contact Work Sheet					
Rating Factor	Assigned Value (Circle One)	Multiplier	Score	Max. Score	Ref. (Section)
1 Observed Incident	(0) 45	1	0	45	8.1
If line 1 is 45, proceed to line 4 If line 1 is 0, proceed to line 2					
2 Accessibility	0 1 [2] 3	1	2	3	8.2
3 Containment	[0] 15	1	0	15	8.3
4 Waste Characteristics Toxicity	0 1 [2] 3	5	10	15	8.4
5 Targets					8.5
Population Within a 1-Mile Radius	0 1 2 (3) 4 5	4	12	20	
Distance to a Critical Habitat	[0] 1 2 3	4	0	12	
Total Targets Score			0	32	
6 If line 1 is 45, multiply 1 x 4 x 5 If line 1 is 0, multiply 2 x 3 x 4 x 5				21,600	
7 Divide line 6 by 21,600 and multiply by 100	S_{DC} = 0				

FIGURE 12
DIRECT CONTACT WORK SHEET

BILLING CODE 6560-50-C

June 28, 1982

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: Korkay Inc

LOCATION: Broadalbin, New York

GROUND WATER ROUTE

1 OBSERVED RELEASE None Observed

Contaminants detected (5 maximum):

Rationale for attributing the contaminants to the facility:

* * *

2 ROUTE CHARACTERISTICS

Depth to Aquifer of Concern

Name/description of aquifers(s) of concern:
Little Falls Dolomite Formation
Pleistocene gravel
(i.e, bedrock and overburden) (See Section 7.2)

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

$\leq$ 20 feet (Assumed)

(Based on Fulton County well logs - See Section 7.2 for reference)

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

Waste discharged directly to septic system.

Net Precipitation

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

40 inches

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

26 inches

Net precipitation (subtract the above figures):

14 inches

Permeability of Unsaturated Zone

Soil type in unsaturated zone:

No site-specific data. Would likely be silt, sand, gravel with possible clay lenses

Permeability associated with soil type: (See Section 7.2 for reference)

$< 10^{-3} \geq 10^{-5}$ cm/sec

Physical State

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

Liquids

(See Section 6)

* * *

3 CONTAINMENT

Containment

Method(s) of waste or leachate containment evaluated:

Liner

Method with highest score:

No liner present

4 WASTE CHARACTERISTICS

Toxicity and Persistence

Compound(s) evaluated:

Barrels may have contained acetone, isoproyl alcohol, perfumes, degreasers or flavorings prior to rinsing

Compound with highest score:

acetone

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):

unknown

Basis of estimating and/or computing waste quantity:

* * *

5 TARGETS

Ground Water Use

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

Drinking Water

Distance to Nearest Well

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

Village of Broadalbin Wells

Distance to above well or building:

< 1/2 mile

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:

Village of Broadalbin Wells.
1,500 people (See Attachment 4-1)

Also: Community and private wells serving approx. 977 persons.

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):

NA

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

Approx. 2,477 served by aquifers of concern.

Score: 1,000 - 3,000

SURFACE WATER ROUTE

1 OBSERVED RELEASE None

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

No data

Rationale for attributing the contaminants to the facility:

* * *

2 ROUTE CHARACTERISTICS

Facility Slope and Intervening Terrain

Average slope of facility in percent:

< 3%

Name/description of nearest downslope surface water:

Kennyetto Creek (Broadalbin Quad)

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

< 3% (Site Inspection)

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

No

Is the facility completely surrounded by areas of higher elevation?

NO

1-Year 24-Hour Rainfall in Inches

2 inches

Distance to Nearest Downslope Surface Water

1/10 mile

Physical State of Waste

Liquid

* * *

3 CONTAINMENT

Containment

Method(s) of waste or leachate containment evaluated:

Not applicable to wastes of concern in septic system. However, drums (apparently used drums) stored on site lack closures, and runoff from site not contained

Method with highest score:

Score = 3 . Containers not sealed
Runoff not contained

4 WASTE CHARACTERISTICS

Toxicity and Persistence

Compound(s) evaluated

Barrels may have contained acetone, isopropyl alcohol, perfumes, degreasers or flavorings prior to rinsing

Compound with highest score:

acetone

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):

unknown

Basis of estimating and/or computing waste quantity:

* * *

5 TARGETS

Surface Water Use

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

Possibly recreation (fishing).

Is there tidal influence? No

Distance to a Sensitive Environment

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

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

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

1 mile from the Adirondack State Park.

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:

None

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

Total population served: None

Name/description of nearest of above water bodies:

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

AIR ROUTE

1 OBSERVED RELEASE None Observed

Contaminants detected:

Date and location of detection of contaminants

Methods used to detect the contaminants:

Rationale for attributing the contaminants to the site:

* * *

2 WASTE CHARACTERISTICS

Reactivity and Incompatibility

Most reactive compound:

Most incompatible pair of compounds:

Toxicity

Most toxic compound:

Hazardous Waste Quantity

Total quantity of hazardous waste:

Basis of estimating and/or computing waste quantity:

* * *

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

Distance to a Sensitive Environment

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

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

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

Land Use

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

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

Distance to residential area, if 2 miles or less:

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

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

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

POPULATION SERVED BY GROUND WATER

Within 3 Miles

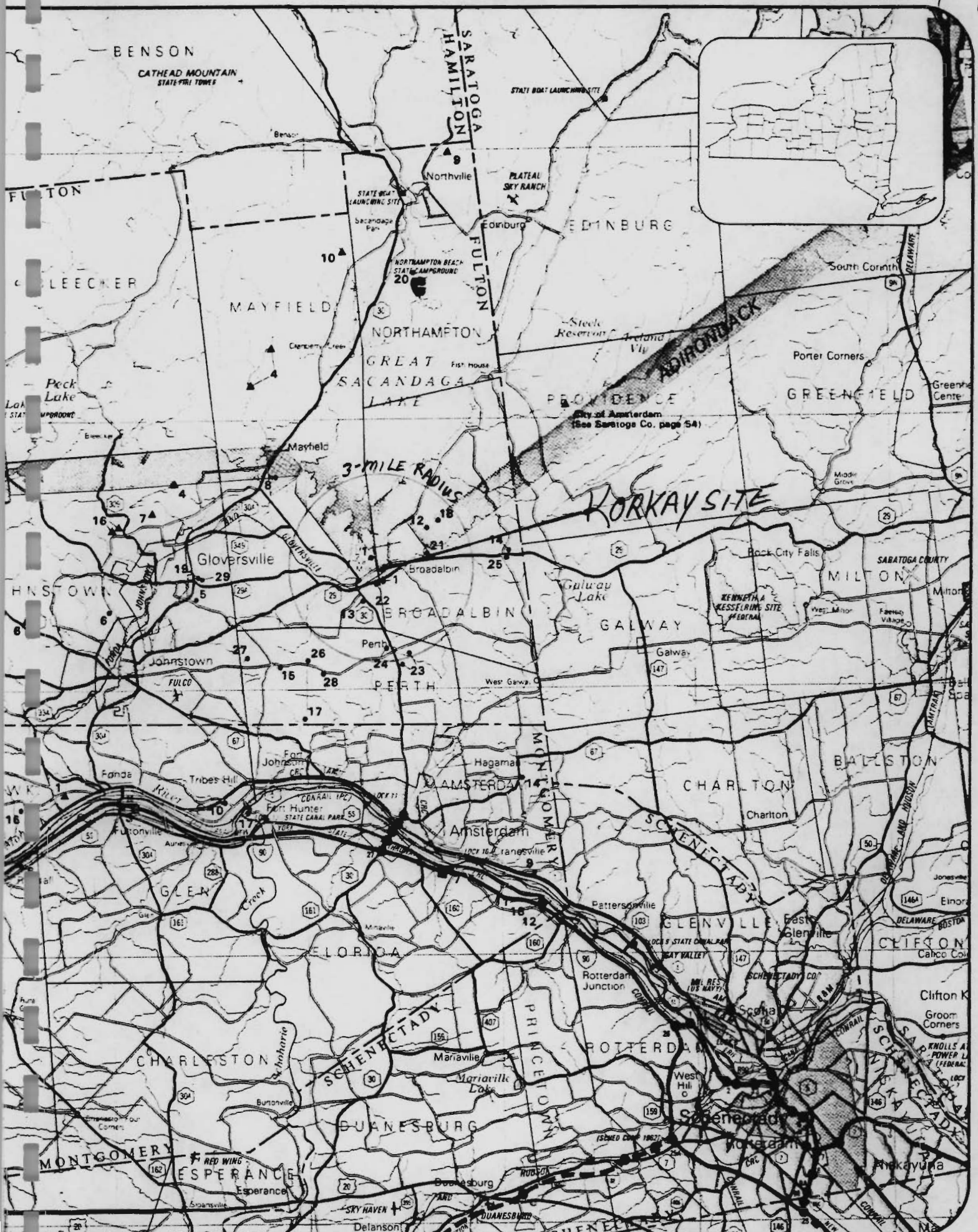
1,500 people on the Broadalbin village water works (2 wells).

Approximately 300 people on private wells along Kennyetto Creek and in the valley areas west of Broadalbin plus approximately 677 served by trailer park wells within 3 mile radius of site.

Total: Approximately 2,477 people.

Sources: New York State Department of Health, Atlas of Community Water System Sources, 1982; topographic maps.

FULTON and MONTGOMERY COUNTIES 4-1



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FULTON COUNTY

ID NO	COMMUNITY WATER SYSTEM	POPULATION	SOURCE
Municipal Community			
1	Broadalbin Village Water Works. . . .	1500. .	Wells
2	Canajoharie Village (Montgomery Co).		Sprite Creek Reservoir
3	Fort Plain Village (Montgomery Co).		North Creek Reservoir
4	Gloversville City Water Works. . . .	19000. .	Rice, Jackson Summit, and Cameron Reservoirs
5	Hyde Park Water Works.	25. .	Wells
6	Johnstown City Water Works.	9360. .	Cork Center & Cold Brook Reservoirs
7	Kingsboro Water Works.	200. .	Reservoirs
8	Mayfield Village Water Works.	911. .	Wells
9	Northville Village.	1300. .	Hunters Creek
10	Sacandaga Park Water Works.	1000. .	Mountain Road Reservoir
11	St. Johnsville Village (Montgomery Co). . . .		Spring
Non-Municipal Community			
12	Artweld Trailer Ranch.	75. .	Wells
13	Countryside Mobile Estates.	48. .	Wells
14	Field Point Mobile Home Park.	21. .	Wells
15	Flyin Y Trailer Park.	NA. .	Wells
16	Fulton County Infirmary.	375. .	Ponds
17	Goodspeed Farm.	35. .	Wells
18	Indian Village Trailer Court.	145. .	Wells
19	Ko-Z Mobile Home Park 2.	60. .	Wells
20	Lakeside Mobile Estates.	NA. .	Wells
21	Little Acres Mobile Homes.	30. .	Wells
22	Murphy's Mobile Home Park Inc.	54. .	Wells
23	Northway Mobile Home Park.	250. .	Wells, Well (Springs)
24	Perth Center Mobile Court.	75. .	Wells
25	Pine Hill Trailer Court.	36. .	Wells
26	Red Carpet Housing Corp.	78. .	Wells
27	Tryon School.	195. .	Wells (Infiltration Gallery)
28	Valle Mobile Homes.	66. .	Wells
29	Woodland Estates.	48. .	Wells

Source: NYSDOH 1982

United States
Environmental Protection
Agency

Office of Emergency and
Remedial Response
Washington, DC 20460

EPA Form 2070-12
July, 1981

5.1

EPA

Potential Hazardous Waste Site

Preliminary Assessment

Preliminary Assessment

EPA

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

I. IDENTIFICATION

01 STATE: NY | 02 SITE NUMBER: 800208850

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site)	02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER				
KorKay Inc.	70 W. Main Street				
03 CITY	04 STATE	05 ZIP CODE	06 COUNTY	07 COUNTY CODE	08 CONG DIST
Broadalbin	NY	12025	Fulton		

09 COORDINATES: LATITUDE ___ ___ ___.- | LONGITUDE ___ ___ ___.-

10 DIRECTIONS TO SITE (Starting from nearest public road)

III. RESPONSIBLE PARTIES

01 OWNER (If known)	02 STREET (Business, mailing, residential)			
Mr. Thomas Kline	70 W. Main Street			
03 CITY	04 STATE	05 ZIP CODE	06 TELEPHONE NUMBER	
Broadalbin	NY	12025	(518) 883-3451	
07 OPERATOR (If known and different from owner)	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 ☐ NO DATE 8/3/83 (MONTH DAY YEAR)

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): Ecological Analysts Inc.

02 SITE STATUS (Check one)

☒ A. ACTIVE ☐ B. INACTIVE ☐ C. UNKNOWN

03 YEARS OF OPERATION: BEGINNING YEAR _____ | ENDING YEAR Present | ☒ UNKNOWN

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED

waxes, silicones, petroleum solvents, surfactants isopropyl alcohol, acetone

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION

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	02 OF (Agency/Organization)	03 TELEPHONE NUMBER
Raymond Kapp	Ecological Analysts	(914) 692-6706

04 PERSON RESPONSIBLE FOR ASSESSMENT	05 AGENCY	06 ORGANIZATION	07 TELEPHONE NUMBER	08 DATE
Charles Baummer		11	( ) 11	8/17/83 (MONTH DAY YEAR)

EPA FORM 2070-12 (7-81)

NYD002088508

EPA

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 2 - WASTE INFORMATION

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
~~NY~~	~~518014~~

II. WASTE STATES, QUANTITIES, AND CHARACTERISTICS

unknown

01 PHYSICAL STATES (Check all that apply)

- ☐ A. SOLID
- ☐ B. POWDER, FINES
- ☐ C. SLUDGE
- ☐ D. OTHER _____ (Specify)
- ☐ E. SLURRY
- ☒ F. LIQUID
- ☐ G. GAS

02 WASTE QUANTITY AT SITE

(Measures of waste quantities must be independent)

TONS _____

CUBIC YARDS _____

NO. OF DRUMS _____

03 WASTE CHARACTERISTICS (Check all that apply)

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

III. WASTE TYPE

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

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

01 CATEGORY	02 SUBSTANCE NAME	03 CAS NUMBER	04 STORAGE DISPOSAL METHOD	05 CONCENTRATION	06 MEASURE OF CONCENTRATION

V. FEEDSTOCKS (See Appendix for CAS Numbers)

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

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

EPA FORM 2070-12 (7-81)

NJD002088508

EPA

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

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
NJ	518014

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☐ A. GROUNDWATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED: 1000-3000
02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

See Attachment 4-1 No data.

01 ☐ B. SURFACE WATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED: None
02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

No potable intakes within 3 mi

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

None reported

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

None reported

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

None reported

01 ☒ F. CONTAMINATION OF SOIL
03 AREA POTENTIALLY AFFECTED: < 1 (Acres)
02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

Spillage from stored drums possible. No soil data.

01 ☐ G. DRINKING WATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED: 1,000-3,000
02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

Village wells are potentially threatened. No data.
See Attachment 4-1

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

None reported

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

None reported

NYD 002088508

EPA

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

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
~~NY~~	~~518014~~

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 [X] J. DAMAGE TO FLORA — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL [X] ALLEGED
04 NARRATIVE DESCRIPTION

See Section 6.

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

None reported

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

Not reported

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

Used drums may be improperly stored on site

01 [X] N. DAMAGE TO OFFSITE PROPERTY — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL [X] ALLEGED
04 NARRATIVE DESCRIPTION

See Section 6. Neighbor complained of dead trees,

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

None reported

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

None reported

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

III. TOTAL POPULATION POTENTIALLY AFFECTED: 1000 - 3000

IV. COMMENTS

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

Site inspection
DEC files
NYS DOH Atlas of Community water system Sources, 1982
Topographic maps

EPA FORM 2070-12 (7-81)

United States
Environmental Protection
Agency

Office of Emergency and
Remedial Response
Washington, DC 20460

EPA Form 2070-13
July, 1981

5.2

EPA

Potential Hazardous Waste Site

Site Inspection Report

Site Inspection Report

EPA

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

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
NY	002088508

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site)	02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER				
Korkay Inc.	70 W. Main Street				
03 CITY	**04 STATE**	**05 ZIP CODE**	**06 COUNTY**	**07 COUNTY CODE**	**08 CONG DIST**
Broadalbin	NY	12025	Fulton		

09 COORDINATES LATITUDE: ___ ___ ___.__ LONGITUDE: ___ ___ ___.__

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
8, 3, 83 (MONTH DAY YEAR)	☒ ACTIVE ☐ INACTIVE	1 (BEGINNING YEAR) Present (ENDING YEAR) ☒ UNKNOWN

04 AGENCY PERFORMING INSPECTION (Check all that apply)
☐ A. EPA ☐ B. EPA CONTRACTOR _____ (Name of firm) ☐ C. MUNICIPAL ☐ D. MUNICIPAL CONTRACTOR _____ (Name of firm)
☐ E. STATE ☒ F. STATE CONTRACTOR Ecological Analysts (Name of firm) ☐ G. OTHER _____ (Specify)

05 CHIEF INSPECTOR	06 TITLE	07 ORGANIZATION	08 TELEPHONE NO.
Charles Baummer	Hydrogeologist	Ecological Analysts	(914) 692-6706
09 OTHER INSPECTORS	10 TITLE	11 ORGANIZATION	12 TELEPHONE NO.
Robert Seela	Scientist	" "	(") "
			( )
			( )
			( )
			( )

13 SITE REPRESENTATIVES INTERVIEWED	14 TITLE	15 ADDRESS	16 TELEPHONE NO
Mr. Thomas Kline	Vice-President	-Korkay Inc.	(518) 883-3451
			( )
			( )
			( )
			( )
			( )

17 ACCESS GAINED BY (Check one)	18 TIME OF INSPECTION	19 WEATHER CONDITIONS
☒ PERMISSION ☐ WARRANT	1:00 P.M.	Sunny, hot, dry

IV. INFORMATION AVAILABLE FROM

01 CONTACT	02 OF (Agency/Organization)	03 TELEPHONE NO.
Raymond Kapp	Ecological Analysts Inc.	(914) 692-6706

04 PERSON RESPONSIBLE FOR SITE INSPECTION FORM	05 AGENCY	06 ORGANIZATION	07 TELEPHONE NO.	08 DATE
Charles Baummer		"	"	8, 17 83 (MONTH DAY YEAR)

EPA FORM 2070-13 (7-81)

NYD022088508

EPA

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

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
~~NY~~	~~518044~~

II. WASTE STATES, QUANTITIES, AND CHARACTERISTICS

unknown

01 PHYSICAL STATES *(Check all that apply)*

- ☐ A. SOLID
- ☐ B. POWDER, FINES
- ☐ C. SLUDGE
- ☐ D. OTHER _____ *(Specify)*
- ☐ E. SLURRY
- ☒ F. LIQUID
- ☐ G. GAS

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

TONS _____

CUBIC YARDS _____

NO. OF DRUMS _____

03 WASTE CHARACTERISTICS *(Check all that apply)*

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

III. WASTE TYPE

CATEGORY	SUBSTANCE NAME	01 GROSS AMOUNT	02 UNIT OF MEASURE	03 COMMENTS
SLU	SLUDGE			
OLW	OILY WASTE			Possibly waxes, silicones
SOL	SOLVENTS			Acetone, isopropyl alcohols
PSD	PESTICIDES			
OCC	OTHER ORGANIC CHEMICALS			Perfumes, flavorings
IOC	INORGANIC CHEMICALS			
ACD	ACIDS			
BAS	BASES			
MES	HEAVY METALS			

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

01 CATEGORY	02 SUBSTANCE NAME	03 CAS NUMBER	04 STORAGE/DISPOSAL METHOD	05 CONCENTRATION	06 MEASURE OF CONCENTRATION

V. FEEDSTOCKS *(See Appendix for CAS Numbers)*

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

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

EPA FORM 2070-13 (7-81)

NYD002088508

EPA

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

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
~~NY~~	~~518 014~~

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A. GROUNDWATER CONTAMINATION — 02 ☐ OBSERVED (DATE: _____) — ☒ POTENTIAL — ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: ~~1000-3000~~ — 04 NARRATIVE DESCRIPTION

See Attachment 4-1 No data on groundwater quality available.

01 ☒ B. SURFACE WATER CONTAMINATION — 02 ☐ OBSERVED (DATE: _____) — ☒ POTENTIAL — ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: None — 04 NARRATIVE DESCRIPTION

No potable intakes within 3 miles.

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

None reported

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

None reported

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

None reported

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

Spillage from stored drums possible. No soil data.

01 ☐ G. DRINKING WATER CONTAMINATION — 02 ☐ OBSERVED (DATE: _____) — ☒ POTENTIAL — ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 1000-3000 — 04 NARRATIVE DESCRIPTION

Village of Broadalbin wells may be threatened. See Attachment 4-1, No Data available.

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

None reported

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

None reported

NYD002088508

EPA

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

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
NY	518014

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☒ J. DAMAGE TO FLORA — 02 ☐ OBSERVED (DATE: _____) — ☒ POTENTIAL — ☐ ALLEGED
04 NARRATIVE DESCRIPTION
See Section 6

01 ☐ K. DAMAGE TO FAUNA — 02 ☐ OBSERVED (DATE: _____) — ☐ POTENTIAL — ☐ ALLEGED
04 NARRATIVE DESCRIPTION (Include name(s) of species)
None reported

01 ☐ L. CONTAMINATION OF FOOD CHAIN — 02 ☐ OBSERVED (DATE: _____) — ☐ POTENTIAL — ☐ ALLEGED
04 NARRATIVE DESCRIPTION
None reported

01 ☒ M. UNSTABLE CONTAINMENT OF WASTES (Spills/Runoff/Standing liquids, Leaking drums) — 02 ☐ OBSERVED (DATE: _____) — ☒ POTENTIAL — ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION
Used drums lack closures.

01 ☒ N. DAMAGE TO OFFSITE PROPERTY — 02 ☐ OBSERVED (DATE: _____) — ☐ POTENTIAL — ☒ ALLEGED
04 NARRATIVE DESCRIPTION
See Section 6, Neighbor complained of dead trees

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

01 ☐ P. ILLEGAL/UNAUTHORIZED DUMPING — 02 ☐ OBSERVED (DATE: _____) — ☐ POTENTIAL — ☐ ALLEGED
04 NARRATIVE DESCRIPTION
None reported

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

III. TOTAL POPULATION POTENTIALLY AFFECTED: 1000 - 3000

IV. COMMENTS

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

Site Inspection
DEC files
NYS DOH Atlas of community water system Sources, 1982.
Topographic Maps

EPA

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

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
NYD	002088508

II. PERMIT INFORMATION

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

III. SITE DESCRIPTION

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

04 TREATMENT (Check all that apply)
☐ A. INCENERATION
☐ B. UNDERGROUND INJECTION
☐ C. CHEMICAL/PHYSICAL
☐ D. BIOLOGICAL
☐ E. WASTE OIL PROCESSING
☐ F. SOLVENT RECOVERY
☐ G. OTHER RECYCLING/RECOVERY
☒ H. OTHER (Specify) Septic System

05 OTHER
☒ A. BUILDINGS ON SITE

06 AREA OF SITE
_____ (Acres)

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.

If used drums determined to be hazardous, the used drums in storage lack closure. Otherwise, most wastes had been discharged to septic system.

V. ACCESSIBILITY

01 WASTE EASILY ACCESSIBLE: ☐ YES ☒ NO

02 COMMENTS

Wastes had been rinsed down the drain

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

EPA FORM 2070-13 (7-81)

NYD002088508

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

EPA

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
~~NY~~	~~518 044~~

II. DRINKING WATER SUPPLY

01 TYPE OF DRINKING SUPPLY (Check as applicable)	SURFACE	WELL
COMMUNITY	A. ☐	B. ☒
NON-COMMUNITY	C. ☐	D. ☒

02 STATUS	ENDANGERED	AFFECTED	MONITORED
	A. ☐	B. ☐	C. ☐
	D. ☐	E. ☐	F. ☐

03 DISTANCE TO SITE
A. < 1/2 (mi)
B. < 1 (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 1000-3000

03 DISTANCE TO NEAREST DRINKING WATER WELL < 1/2 (mi)

04 DEPTH TO GROUNDWATER	05 DIRECTION OF GROUNDWATER FLOW	06 DEPTH TO AQUIFER OF CONCERN	07 POTENTIAL YIELD OF AQUIFER	08 SOLE SOURCE AQUIFER
< 25 (ft)	South toward creek	125-300 (ft)	(gpd)	☐ YES ☒ NO

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

Broadalbin Village wells See Attachment 4-1

10 RECHARGE AREA		11 DISCHARGE AREA	
☐ YES ☐ NO	COMMENTS	☐ YES ☐ 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
Kennyetto Creek	☐	1/10 (mi)
	☐	(mi)
	☐	(mi)

V. DEMOGRAPHIC AND PROPERTY INFORMATION

01 TOTAL POPULATION WITHIN

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

02 DISTANCE TO NEAREST POPULATION < 0.1 (mi)

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

04 DISTANCE TO NEAREST OFF-SITE BUILDING < 0.1 (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)

Town of Broadalbin, other areas fairly rural

NYD002088508

EPA

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

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
NY	518014

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	
125-300 (ft)	Unknown (ft)	Unknown	

06 NET PRECIPITATION	07 ONE YEAR 24 HOUR RAINFALL	08 SLOPE SITE SLOPE	DIRECTION OF SITE SLOPE	TERRAIN AVERAGE SLOPE
14 (in)	2.0 (in)	<3 %	South	<3 %

09 FLOOD POTENTIAL

SITE IS IN _____ YEAR FLOODPLAIN

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

11 DISTANCE TO WETLANDS (5 acre minimum)

ESTUARINE: A. _____ (mi)

OTHER: B. _____ (mi)

12 DISTANCE TO CRITICAL HABITAT (of endangered species)

_____ (mi)

ENDANGERED SPECIES: _____

13 LAND USE IN VICINITY

DISTANCE TO:

COMMERCIAL/INDUSTRIAL	RESIDENTIAL AREAS; NATIONAL/STATE PARKS, FORESTS, OR WILDLIFE RESERVES	AGRICULTURAL LANDS PRIME AG LAND	AGRICULTURAL LANDS AG LAND
A. <0.1 (mi)	B. <0.1 (mi)	C. _____ (mi)	D. _____ (mi)

14 DESCRIPTION OF SITE IN RELATION TO SURROUNDING TOPOGRAPHY

See Section 7.1

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

See Section 7

EPA

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

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
NJ	0002085 08

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 ☒ GROUND ☐ AERIAL

02 IN CUSTODY OF EA
(Name of organization or individual)

03 MAPS
☐ YES
☐ 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)

NYD002088508

EPA	POTENTIAL HAZARDOUS WASTE SITE SITE INSPECTION REPORT PART 7 - OWNER INFORMATION	I. IDENTIFICATION 01 STATE: ~~NY~~ 02 SITE NUMBER: ~~518037~~

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

II. CURRENT OWNER(S)				PARENT COMPANY (If applicable)			
01 NAME: Thomas Kline		02 D+B NUMBER		08 NAME		09 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.): 70 W. Main Street		04 SIC CODE		10 STREET ADDRESS (P.O. Box, RFD #, etc.)		11 SIC CODE	
05 CITY: Broadalbin	06 STATE: NY	07 ZIP CODE: 12025		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)

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)

Site inspection

EPA

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

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
NYD	002088508

II. CURRENT OPERATOR *(Provide if different from owner)*

01 NAME	02 D+B NUMBER

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

05 CITY	06 STATE	07 ZIP CODE

08 YEARS OF OPERATION	09 NAME OF OWNER

OPERATOR'S PARENT COMPANY *(If applicable)*

10 NAME	11 D+B NUMBER

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

14 CITY	15 STATE	16 ZIP CODE

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

01 NAME	02 D+B NUMBER

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

05 CITY	06 STATE	07 ZIP CODE

08 YEARS OF OPERATION	09 NAME OF OWNER DURING THIS PERIOD

PREVIOUS OPERATORS' PARENT COMPANIES *(If applicable)*

10 NAME	11 D+B NUMBER

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

14 CITY	15 STATE	16 ZIP CODE

08 YEARS OF OPERATION	09 NAME OF OWNER DURING THIS PERIOD

01 NAME	02 D+B NUMBER

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

05 CITY	06 STATE	07 ZIP CODE

08 YEARS OF OPERATION	09 NAME OF OWNER DURING THIS PERIOD

10 NAME	11 D+B NUMBER

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

14 CITY	15 STATE	16 ZIP CODE

01 NAME	02 D+B NUMBER

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

05 CITY	06 STATE	07 ZIP CODE

08 YEARS OF OPERATION	09 NAME OF OWNER DURING THIS PERIOD

10 NAME	11 D+B NUMBER

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

14 CITY	15 STATE	16 ZIP CODE

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

EPA FORM 2070-13 (7-81)

EPA

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

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
NJ	000208508

II. ON-SITE GENERATOR

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

III. OFF-SITE GENERATOR(S)

01 NAME	02 D+B NUMBER	01 NAME	02 D+B NUMBER
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

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)

EPA

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

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
NYD	002086508

II. PAST RESPONSE ACTIVITIES

01 ☐ A. WATER SUPPLY CLOSED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ B. TEMPORARY WATER SUPPLY PROVIDED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ C. PERMANENT WATER SUPPLY PROVIDED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ D. SPILLED MATERIAL REMOVED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ E. CONTAMINATED SOIL REMOVED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ F. WASTE REPACKAGED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ G. WASTE DISPOSED ELSEWHERE — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ H. ON SITE BURIAL — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ I. IN SITU CHEMICAL TREATMENT — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ J. IN SITU BIOLOGICAL TREATMENT — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ K. IN SITU PHYSICAL TREATMENT — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ L. ENCAPSULATION — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ M. EMERGENCY WASTE TREATMENT — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ N. CUTOFF WALLS — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ O. EMERGENCY DIKING/SURFACE WATER DIVERSION — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ P. CUTOFF TRENCHES/SUMP — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ Q. SUBSURFACE CUTOFF WALL — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

EPA

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

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
NYD	002088508

II PAST RESPONSE ACTIVITIES *(Continued)*

01 ☐ R. BARRIER WALLS CONSTRUCTED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ S. CAPPING/COVERING — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ T. BULK TANKAGE REPAIRED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ U. GROUT CURTAIN CONSTRUCTED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ V. BOTTOM SEALED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ W. GAS CONTROL — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ X. FIRE CONTROL — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ Y. LEACHATE TREATMENT — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ Z. AREA EVACUATED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ 1. ACCESS TO SITE RESTRICTED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ 2. POPULATION RELOCATED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ 3. OTHER REMEDIAL ACTIVITIES — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

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

EPA

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

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
NYD	002088508

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)*

EPA FORM 2070-13 (7-81)

5.3 SITE INSPECTION SUMMARY

On Wednesday, 3 August 1983, Charles Baummer and Robert Seela inspected the Korkay, Inc. site, Village of Broadalbin, Fulton County, New York, and interviewed Mr. Thomas Kline, Vice President of Korkay.

Kline said that before 1969, the building (erected in 1887) had been a skin mill which manufactured leather gloves. Kline did not know whether that operation included tanning. Korkay manufactures cleaners, waxes, and solvents for the automotive industry, primarily for reconditioning used cars. Korkay's product list (Attachment 5.3-1) includes:

1. Vinyl, hard surface and glass cleaners.

2. Upholstery cleaners, carpet shampoo, tints, and dyes.

3. Engine cleaners and degreasing products.

4. Car and truck washing products.

5. Waxes, polishes, and compounds.

6. "Specialized products" (hand cleaners, vinyl restorer, floor wax, cutting oil, metal cleaner).

7. Aerosol products (paints, lubricants, solvents).

8. Accessories (sponges, pumps, etc.).

9. High pressure vehicle washing equipment.

The aerosol products and accessories are manufactured offsite. The chemical products are blended and packaged at the plant. The principal raw materials are water, detergents, and solvents.

Kline said that between 1969 and 1980, Korkay obtained used drums, washed them with hot water, and discharged the washwater to their septic tank, together with wastewater from vat cleaning. Kline has no records of the number of drums washed during that time, or of their previous contents, but believed that most contained perfumes or flavorings.

In 1980, Korkay installed an indoor, 4,000 gallon holding tank for vat cleaning waste, and contracted to have drums washed offsite. At the present time, Korkay continues to receive used drums at the plant and tests them for leaks with compressed air. Useable ones are sent to Amsterdam to be washed, and are returned to the plant. Rejects are hauled away by a scrap metal dealer.

Kline said that Broadalbin uses well water supplied through a public distribution system, but he did not know the location of the wells. To Kline's knowledge, no soil or ground water samples have been taken on his property, and there are no monitoring wells in the area.

Inspection of the property revealed some 200 drums stored haphazardly outdoors on the west side of the building. These included 5 gallon, open top plastic pails, closed top steel drums of various sizes up to 55 gallon, and plastic 55 gallon drums. Most lacked closures. The ground surface around the drums did not show signs of recent leaks or spills, and the vegetation on and around the site (weeds, shrubs, and trees) appeared healthy. No solvent odors were detectable, but there was a noticeable odor of fragrances common to washroom sanitizing agents.

6. SITE HISTORY

The Korkay, Inc. site is the backyard property of Korkay, Inc., a chemical supply company in Broadalbin, New York. The Korkay firm buys bulk chemicals from major chemical companies and blends or repackages these chemicals into automotive products (car waxes, solvents, etc.), spray cleaners, and hand cleaners (Attachments 6-1 through 6-3). To package their products, Korkay buys used barrels and drums, washes them out, relines them, and uses them to distribute their finished products (Attachment 6-4). The wastewater from the barrel washing procedures, and from spill clean-up in the plant, were discharged to a septic tank. No estimates of wastewater volume were available. Barrels awaiting cleaning are stored outdoors behind the plant. These used barrels may have contained acetone, isopropyl alcohol, degreasers, perfumes, and other chemicals. Puddles of leachate had been observed on the ground in the barrel storage area. Neighbors have complained of trees dying along their property which borders the barrel storage area (Attachments 6-4 through 6-6). According to DEC files, Korkay, Inc. has recently installed a 4,000 gallon holding tank, and is no longer discharging wastewater to the septic tank (Attachments 6-7 and 6-8). In addition, drums are now washed offsite.

Attachment 6-1

KORKAY, INC.
76 W. MAIN STREET, BROADALBIN, NEW YORK 12025
PHONE (518) 883-3451

SPECIALTY CHEMICALS
AUTOMOTIVE - INDUSTRIAL - HOUSEHOLD

THE FRIENDLY SYSTEM

June 22, 1979

Village Board
Incorporated Village of Broadalbin
Broadalbin, NY 12025

Attn: Sprague L. Jennings, Village Clerk

Dear Mr. Jennings:

As I have told you on the phone and told Mr. Pickering in person, Korkay, Inc. does not dump chemical waste in your landfill. We have no by- products to dispose of as a result of any of our processes. ?

We are not a chemical producer! We are blenders. We buy basic products from many of the major chemical companies in the United States and blend these basic products together into products for the automotive trade. There are no reactions which take place producing by-products. Everything produced goes into drums or bottles and is delivered to our salesmen for sale.

~~As for the items we take to~~ your landfill, they are: Cardboard, junk barrels, empty plastic bottles, broken pallets, empty bags, computer waste, lunch leftovers, broken truck parts from our garage, floor sweepings, etc. Occasionally we have some spoiled car wax to dispose of in 15 to 30 gallon quantities consisting of wax, petroleum solvents, silicones and dye, but only on occasion.

Korkay is trying very hard to be a good citizen of "The Friendly Village". The Village has never asked for and not received our co-operation as far as I can remember, and I assure you of our cooperation on everything you may require in the future.

Sincerely,

KORKAY, INC.

Thomas J. Kline

Thomas J. Kline
Vice President
TJK/ds

Attachment 6-2

Region 5 - Environmental Quality
Hudson Street, Warrensburg, N. Y. 12885
Area Code 518 623-3671

Robert F. Flacke
xxxxxxxxxxxxxxx

May 22, 1979

Mr. Larry Olmstead, Mayor
Village of Broadalbin
Broad Street
Broadalbin, New York 12025

RE: Your Letter of May 12, 1979

Dear Mayor Olmstead:

Your letter concerning industrial wastes from the Korkay Company has been referred to me for reply.

A check of our files indicates that Korkay manufactures products such as automotive chemicals, spray cleaners, and hand cleaners. We do not have a list of process chemicals or waste by-products, so it is not possible at this point in time to make a determination concerning the toxicity of those wastes.

As operator of the Broadalbin landfill, it is the responsibility of the Village of Broadalbin to monitor the waste products that go into the landfill. As such, the Village has the authority to require Korkay and any other industry to provide them with a list of the chemicals in their waste products. This list should include a statement concerning volume of waste generated over a given time interval.

When the Village has obtained this list, we would be glad to review same and make a determination on the proper method of disposal of the wastes. Let me reemphasize that the Village has the authority to request such a list, and furthermore has the authority to refuse to accept these industrial wastes should Korkay refuse to provide the chemical list.

We will await your reply, and thank you for your concern for the environment.

Sincerely yours,

William C. Colden, P.E.
Regional Solid Waste Engineer

REC:brd

by: Ray E. Cowen, III, P.E.
Senior Sanitary Engineer

cc: Bruce Knapp

Attachment
6-3

KORKAY, INC.

70 W. MAIN STREET, BROADALBIN, NEW YORK 12025
PHONE (518) 883-3451

SPECIALTY CHEMICALS

AUTOMOTIVE - INDUSTRIAL - HOUSEHOLD

THE KORKAY SYSTEM

9/21/81

P R O D U C T S

E Q U I P M E N T

A C C E S S O R I E S

K O R K A Y P R O D U C T S .....

OFTEN COPIED,

NEVER EQUALED.

5

DEC 1986

I VINYL, HARD SURFACE AND GLASS CLEANERS

Kork Rub, MP Cleaner, All Purpose Cleaner, Spray Cleaner, Whitewall Cleaner, Kork Kleer, Aerosol Glass Cleaner, Spare & Strike

II UPHOLSTERY CLEANERS, CARPET SHAMPOO, TINTS & DYES

Kork Kleen, UPH Shampoo Conct., Carpet Shampoo, Kleen Scent, Tints & Dyes

III ENGINE CLEANERS AND DEGREASING PRODUCTS

Kork Buster, Degreaser, Motor Wash, Steam Cleaner, Grease Chaser, Cosmoline Remover, Tar Remover, Carburetor & Parts Cleaner

IV CAR AND TRUCK WASHING PRODUCTS

Pressure Wash, Pressure Wax, Kork Wash, Wash & Wax, Purple Concentrate, Truck & Bus Wash

V WAXES, POLISHES, COMPOUNDS

Perma Glaze, Poly Perma Glaze, Kork Kwik, Kwik Shine, Kork Buff, Kaldarize, Lustre Wax #1 & #2, Compounds

VI SPECIALIZED PRODUCTS

Super Hand Cleaner, Waterless Hand Cleaner, Vinyl Finish, Floor Finish, Diesel Dry Gas, Ezee Tap, Metal Cleaner

VII AEROSOL PRODUCTS

Motor Paint, Trunk Paint, Undercoating, Flat Fixer, Penetrant, Silicone

VIII ACCESSORIES

Two Gallon Sprayers, Drum Pumps, Drum Spouts, Brushes, Sponges, Chamois, Wash Mitts, Hydro Air Gun, Applicator Bottle, Buffer Pads, Hand Cleaner Pumps, Hand Cleaner Brackets

IX HI PRESSURE VEHICLE WASHING EQUIPMENT

Stationery and mobile units with manual or remote control operation for sale or lease. Coin operated units. Custom built units for sale

I VINYL, HARD SURFACES AND GLASS CLEANERS

KORK RUB

The original sanitizer* for cleaning vinyl and any hard surface including whitewalls on used cars. May also be used for institutional cleaning where a germ killing,* fast acting cleaner is needed. Safe for contact with normal skin when used as directed.* EPA #6943-1 registered germicide packaged ready for use in 1,5,15,30,55 gal sizes.

MP CLEANER

Fast acting concentrated cleaner made to be diluted with water for cleaning hard surfaces. Mix with water 3:1. Packaged in 1,5,15,30,55 gal sizes.

ALL PURPOSE CLEANER

Ready-for-use product for vinyl and hard surface cleaning. Excellent wetting action for penetrating surface soils. Formulated for maximum cleaning power at the lowest possible cost. Packaged in 5,55 gal sizes.

SPRAY CLEANER

This special formula, with a "lemon fresh" odor is the modern foaming cleaner that dissolves most greasy soil and stubborn stains on vinyl and hard surfaces. Safe for normal skin contact when used as directed. Packaged in handy 32oz. bottle with spray applicator for resale, and in 1,5,15,30,55 gal sizes.

WHITEWALL CLEANER

Potent ready-to-use liquid cleaner designed to clean even the dirtiest whitewall tire with minimun of effort and brushing. Avoid prolonged skin contact. Use protective eyewear. Packaged in 1,5,15 gal sizes.

KORK KLEER

Bulk glass cleaner that drys quickly and completely to leave a sparkling haze-free surface. Lightly ammoniated for fast cutting of any greasy film. Use as is or dilute with water 1:1. Packaged in 1,5,15,55 gal sizes.

AEROSOL GLASS CLEANER

Cuts smokey grime fast without streaks or hazing. Big 19oz. aerosol can for no mess clean up of glass, plastic, chrome, vinyl and tile surfaces.

I SPARE & STRIKE

Highly concentrated liquid alkaline cleaner designed for tough industrial cleaning operation:

- Removes resin build-up on paper mill rollers
- Cuts through baked on grease and carbon compounds.
- Dissolves most films and oxidized organic materials.
- Excellent heavy duty floor cleaner.

Flushes completely with water. Avoid skin contact. For best results use as is. Packaged in 5,55 gal sizes.

II UPHOLSTERY CLEANERS, CARPET SHAMPOO, TINTS & DYES

KORK KLEEN

Kork Kleen fabric cleaner is a rich sudsing compound with heavy flash foam that suspends all surface and embedded soils. Special detergents limit over wetting of seat fabric avoiding penetration of the underlying cushions. Safe for use on any fabric. Protects against resoiling. Neutralizes odors and leaves interiors with a fresh spicy scent. Apply as is with 2 gal. sprayer. Packaged in 1,5,15,30,55 gal sizes.

UPHOLSTERY SHAMPOO CONCENTRATE

Dilutable cloth cleaner offering good performance at an economy price. Mix with water 1:1. Packaged in 1,5,15,30, 55 gal sizes.

CARPET SHAMPOO

Rich long lasting suds penetrate deeply into carpet pile bringing up and suspending dirt and grit for easy removal. Foam dries to a crystalline state easily removed by vaccuming. Restores lustre and protects against resoiling. Now available in two formulations for use in reguler shampooer and for new steam systems. Follow label directions for mixing. Packaged in 32oz, resale size and 1,1,5,15 gal sizes.

KLEEN SCENT

Deodorizer with a fresh spicy scent that overpowers and neutralizes musty, stale and smokey odors that build up in a car's interior. Use to remove odors from upholstered furniture and drawers as well. Applied sparingly as is with a spray applicator, 32oz. bottle goes a long way.

TINT & DYE

Professional rug tinting concentrate designed for use with Kork Kleen rug and upholstery cleaner. Brightens and restores dull and faded rugs. Available in red, blue, green, turquoise, black and brown. For best results follow label directions for proper dilution and application. Packaged in 32oz. size.

III ENGINE CLEANERS AND DEGREASING PRODUCTS

KORK BUSTER

Concentrated solvent type degreaser which penetrates greasy soils for easy removal. Will not harm painted surfaces, metallic parts or engine wiring. Flushes easily with cold water and inhibits rust on the areas that have been cleaned. Non-corrosive. Mix with kerosene 6:1 and apply with 2 gal sprayer. Packaged in 1,5,15,30,55 gal sizes.

DEGREASER

Ready-to-use engine cleaner that quickly dissolves both greasy soil and dirt. Heavy bodied liquid stays longer on vertical surfaces requiring less material to do the job. Will not harm painted surfaces, metallic parts or engine wiring. Excellent for removing undercoating overspray. Flushes completely with cold water and inhibits rust on areas that have been cleaned. Non-corrosive. Apply as is with 2 gal sprayer. Packaged in 1,5,15,30,55 gal sizes.

MOTOR WASH

Ready-to-use motor cleaner that can be wiped, brushed or sprayed on the area to be cleaned. Formulated with a special blend of solvents for quick and thorough removal of greasy soil accumulations from engines and small parts. Safe for painted surfaces and rubber parts. Flushes completely with cold water. Apply as is with 2 gal sprayer or pour into soak tank for small parts cleaning. Packaged in 5,15,30,55 gal sizes.

GREASE CHASER

Heavy-bodied biodegradeable water based degreaser for removing grease and soil from engines and other surfaces. An environmentally safe low cost alternative to solvent degreasers. Good results under normal conditions. Apply as is with a 2 gal sprayer. Packaged in 1,5,15,30,55 gal sizes.

STEAM CLEANER

Concentrated highly active cleaning compound designed specifically for use in steam cleaning machines. Inhibits the formation of hard water scale build-up in the coils of steam machines. Mix with water 15:1 for most cleaning jobs. Packaged in 5,15, 30,55 gal sizes.

III COSMOLINE REMOVER

Strongest blend of solvents available for effective removal of cosmoline without harm to automotive enamel and lacquer finishes. For best results follow the easy step-by-step instruction sheet provided with each drum of Cosmoline Remover. Apply as is with 2 gallon sprayer. Packaged in 5,15,30,55 gal sizes.

TAR REMOVER

For removing road tar and other oily film from body panels of vehicles. Will not harm painted surfaces. Flammable, do not use near open flame. Spray or wipe as is on surface to be cleaned. Allow time for tar to soften and dissolve. Wipe and rinse surface until clean. Packaged in 1,5,15 gal sizes.

CARBURETOR & PARTS CLEANER

Two phase dip-type metal cleaner, designed to remove heavy carbon and rust deposits from carburetors and small parts. Contains a special inhibitor to protect parts from corrosion during the cleaning process. Non-flammable. Wear protective clothing and eyewear when using product. Use full strength as a dip bath to soak parts and equipment. Flush parts with water after soaking. Packaged in 5 gal size.

IV CAR AND TRUCK WASHING PRODUCTS

PRESSURE WASH

Highly concentrated premimum car wash soap formulated for use with Korkay Pressure Washers. Removes normal soil and rinses free without spotting or streaking. Will not clog internal parts of pressure washer. Mix with water 16:1 (four gallons to a 55 gal drum). Final dilution through pressure washer is 700:1. Packaged in 5,15 gal sizes.

PRESSURE WAX

Use with Korkay Pressure Washers for special "hot wax" effect when washing cars. Beads water. Helps speed drying time. Eliminates water spots. Mix with water 15:1 and apply to car after rinsing. Packaged in 5 gal size.
Note: Pressure washer should be run on rinse cycle to clean it out after Pressure Wax has been used in the machine.

KORK WASH

Highly concentrated biodegradeable detergent developed specifically for hand-washing cars. Use as directed for best economy and results. Measure one ounce into Korkay Wash Mitt and apply to car that has been wet down. One ounce can also be added to two gallons of cool water in a bucket and this solution used to wash the car as well. Packaged in 1,5,15,30, 55 gal sizes.

IV WASH & WAX

Same time proven Kork Wash formula with the addition of a wax to bead water and to reduce drying time. Apply in the same manner as Kork Wash. Packaged in 1,5,15,30,55 gal sizes.

PURPLE CONCENTRATE

A low cost yet balanced detergent concentrate with high sudsing and cleaning action for pressure washing or hand washing of cars. Mix 4 gals with water into a 55 gallon drum for use with a pressure washer. For hand washing add 1 ounce to two gallons of water in a bucket and apply with a Korkay Wash Mitt. Packaged in 1,5,15,30,55 gal sizes.

TRUCK & BUS WASH

Formulated for use with Korkay pressure wash equipment. For heavy duty cleaning of painted and unpainted steel and aluminum truck and bus bodies. Cleans without scrubbing. Wear protective clothing and eyewear. Use as is in pressure washer. Final dilution 16:1. Packaged in 55 gal size.

V WAXES, POLISHES, COMPOUNDS

PERMA GLAZE

Contains the finest blend of hard waxes and silicones for producing a detergent resistent long-lasting showroom shine. Seals out ice, salt, rain and snow while reducing dirt and dust accumulation. Time-tested "easy on-easy off" application makes Perma Glaze a must for new car make ready and used car maintenance. Apply with a clean soft cloth or damp sponge. Let dry to a white haze and wipe off. Packaged in 16oz., 1 gal sizes.

POLY PERMA GLAZE

New generation polish combining superior cleaning agents with a durable longer lasting wax. Stays bright longer. Resists weather and repeated washing. Same "easy on-easy off" properties as regular Perma Glaze. Poly Perma Glaze is the polish you will want to use on your own car. Follow label directions for best results. Packaged in 16oz. size.

KORK KWIK

New car prep for removing factory protective finish from new cars. Leaves a wax shine suitable for delivery. Mild solvent and abrasive cleaning system removes tar and undercoating overspray and cleans and shines bumpers and chrome parts. Follow label directions and apply Kork Kwik with a soft cloth or cello sponge. When dry wipe with a clean cloth to a brilliant hard luster. Packaged in 1 gal size.

V KWIK SHINE

Recommended for fiberglass boats, snow machines, motorcycles, trailers and recreational vehicles. Spray it on with a Korkey applicator bottle, allow 30 seconds for drying, wipe off with a clean cloth or towel. Leaves a hard finish in one third the time of regular waxes. Not for use on automobile finishes. Packaged in 1 gal size.

KORK BUFF

New heavy-duty auto cleaner for fast and easy reconditioning of all types of automotive paints. Formulated to give longer buff time and yield a higher gloss. Apply with a power buffer and follow up with a hand or machine application of Perma Glaze to protect the high luster developed by using Kork Buff. Packaged in 32oz. size.

KALDARIZE

Fast cutting cleaner for removing slightly oxidized paint and road soil from older car finishes. Fills small nicks and scratches and restores the rich color and beauty of older paints while leaving a clean lustrous wax finish. Follow label directions and apply Kalderize to a clean surface away from sunlight. Packaged in 16oz. size.

LUSTRE WAX #1

Hand or machine applied for removing light oxidation from late model used car finishes. Gentle controlled cutting action is safe for the acrylic lacquer finishes. Never scratches, leaves a hard weatherproof gloss. Cleans and waxes in one step. Same "easy on-easy off" characteristics as Perma Glaze. Packaged in 64 oz. size.

LUSTRE WAX #2

Machine applied for cleaning and polishing badly oxidized finishes. Cuts like a compound and at the same time it machine glazes the finish, yielding a truly weather-proof surface. Leaves a deeper longer lasting gloss in half the time. Follow label directions and apply with a buffing machine for best results. Packaged in 64oz. size.

BUFFING COMPOUND

Fine White - For hand or machine use. Synthetic polishing compound has mild cleansing action. Leaves a high shine on all paints. Recommended for body shops and new car prep departments.

Medium Red - General purpose polishing compound for body shop paint finishing and used car clean-up. Works quickly and easily, producing a high luster shine.

V Fast-Cut Compound - Super coarse compound recommended for heavy fast removal. Designed for cutting new paint and for eliminating orange peel.
All compounds packaged in 1 gal cans.

VI SPECIALIZED PRODUCTS

SUPER HAND CLEANER

Special formula combines grease and dirt cutting solvents, the scrubbing action of pure refined pumice and lanolin for skin protection. Super Hand Cleaner never needs to be shaken - will not settle out on the shelf. Out cleans the national brands and costs much less. Ask for a free demonstration. Packaged in 22oz., 1 gal sizes.

WATERLESS HAND CLEANER

Heavy duty cream type formula cleans with or without water. Contains lanolin and mineral oil to condition hands and prevent chapping. Wipes off or rinses easily and will not clog plumbing. Packaged in 22oz., 1 gal sizes.

PERMA-CURE TIRE REPAIR KIT

Easy to use kit for plugging holes in tires. Makes a permanent repair you can depend on. Kit includes material for 100 repairs, tools to make repair and complete instructions.

VINYL TOP AND INTERIOR FINISH

Tough acrylic polymer formula restores the sheen and life to interior or exterior vinyl. Spreads and levels freely drying to a clear gloss film that will not peel, fade or discolor. Dries hard, protecting vinyl from all types of weather and repeated washings. Follow label!directions for best results. Apply to clean surfaces with a damp cloth or sponge, spreading a wet even film. Packaged in 22oz., 1 gal sizes.

ACRYLIC FLOOR FINISH

For asphalt tile, vinyl, rubber, linoleum, terrazzo and sealed wood floors. Tough polymer coating drys clear and bright without buffing. Detergent washable. Excellent resistance to dirt pick up and black heel marking. Ammonia sensitive for easy removal. Apply evenly to a clean surface with a clean cloth or wax applicator. Packaged in 1 gal, 5 gal sizes.

DIESEL DRY GAS

Mixes directly with diesel fuel to prevent freezing and help eliminate moisture build-up in fuel tank. Add 1 gal dry gas to 100 gallon diesel fuel. Packaged in 1, 15 gal sizes.

VI EZEE TAP

Specialty cooling solvent for drilling and tapping operations. Non-flammable, fast drying formula leaves no film. Contains no water, eliminating corrosion and rusting problems. Avoid prolonged skin contact. Use only with adequate ventilation. Do not spray on hot parts or near open flame. Packaged in 1 gal size.

METAL CLEANER

Originally designed for removing the factory applied protective coating on domestic car bumpers. Excellent for cleaning and brightening unpainted metal trim. Use for heavy duty vinyl cleaning. Non-corrosive. Apply as is to surface to be cleaned. Rinse with water. Packaged in 5,15 gal sizes.

VII AEROSOL PRODUCTS

Korkay stocks a quality brand of aerosol motor paints and accessory products. The products are top quality and if the can doesn't spray, it will be replaced at no charge.

MOTOR PAINT	TRUNK SPATTER PAINT	OTHER AEROSOL PRODUCTS
Clear Gloss	Gray/White	Undercoating
Gloss Black	Green/Aqua	Flat Fixer
Flat Black	Brown/White	Penetrant
Ford Blue		Silicone
Chevy Orange		Carb. & Choke Cleaner

VIII ACCESSORIES

Korkay stocks a complete line of tools and accessories for dispensing and applying Korkay products. Each item has been selected with quality, durability and economy in mind and carries the guarantee of satisfaction.

CHAPIN COMPRESSED AIR 2 GALLON SPRAYER - For applying bulk chemicals. Heavy duty polyethylene plastic tank. Adjustable brass nozzle.

REPAIR KIT FOR CHAPIN SPRAYER - Contains all the replacement parts needed to recondition Chapin Sprayer.

DRUM PUMP - Metal construction, adjustable for various size drums. Draws out and dispenses a full quart with each cycle.

DRUM SPOUTS - Sturdy polyethylene spout threads easily into all Korkay drums.

HAND CLEANER PUMP - Measures out just the right amount of hand cleaner to do the job. Threads into 1 gallon container.

VIII PISTOL GRIP SPRAYERS AND APPLICATOR - Pistol grip sprayer with adjustable nozzle fitted to 32oz. plastic bottle. Sprayer and bottle available separately too.

DETAIL BRUSH - For cleaning hard to reach areas on trim and name plates. ½" nylon bristle.

DAIRY BRUSH - For cleaning rugs, upholstery and vinyl tops. Stiff 1½" nylon bristle. Has square end and rounded end for extra versatility.

WHITEWALL BRUSH - Long wearing 5/8" brass bristles with a durable hardwood handle.

CAR WASH BRUSH - 8" rectangular brush with nylon bristles. Accomodates threaded or unthreaded handle.

BRUSH HANDLE - 60" wooden brush handle for car wash brush.

SEA WOOL SPONGE - Genuine natural ocean sponge, dried and cleaned. Sealed in a plastic bag until you are ready to use it.

CELLO SPONGE - Two small sponges per package. Great for quick clean ups and for streakless applying of vinyl top finish.

CHAMOIS - Generous size extra thick chamois at an unusually low cost.

WASH MITTS - Quality wash mitt made with dynel fiber to last longer.

BUFFER PADS - Sturdy round-up pads with 1¼" pile.

HYDRO AIR GUN - All metal gun has fitting to accept water hose and compressed air hose. Makes your air compressor a power washer.

HAND CLEANER BRACKET - Stronge metal wall bracket for 1 gallon size hand cleaner. Vinyl coated for extra durability.

IX HIGH PRESSURE VEHICLE WASHING EQUIPMENT

Korkay manfactures several models of Pressure Washers using the highest quality parts and materials. Standard models are available for sale or lease. Coin-operated and custom built models are available for sale only. Whether you buy or lease, you can depend on your Korkay Representative to provide parts and prompt service to keep downtime to a minimum.

IX MODEL #352 PRESSURE WASHER - SALE/LEASE

500 P.S.I. working pressure
Output, 2 gallons per minute
Positive metered soap pick-up
35 ft. hose
Manually operated at the front of the machine

MODEL #152 PRESSURE WASHER - SALE/LEASE

500 P.S.I. working pressure
Output, 2 gallon per minute
35 ft. hose
Remote switch at the end of hose or manually operated at the front of the machine.

MODEL #552 PRESSURE WASHER - SALE ONLY

1000 P.S.I. working pressure
Output, 2 gallons per minute
35 ft. hose
Remote switch at the end of hose or manually operated at the front of the machine.

* Above models available with 50ft. or 75ft. hoses

COIN OPERATED PRESSURE WASHER - SALE ONLY

For single or multiple bay installation
Includes: 25¢ coin box, wall boom or overhead swivel boom and all necessary electrical connections.
500 P.S.I. working pressure
Output, 2 gallon per minute
25 ft. hose

CUSTOM BUILT PRESSURE WASHER - SALE ONLY

Units custom manfactured to your specfications. Call or send your requirements in for a price quotation.

Attachment 6-3

Found @ Brooklyn L.F.

KORK RUB

Cleaner - Disinfectant

ACTIVE INGREDIENTS	
Sodium Metasilicate	0.58%
n-Alkyl (C_{14} 60%, C_{16} 30%, C_{12} 5%, C_{18} 5%) Dimethyl benzyl ammonium chlorides	0.15%
n-Alkyl (C_{12} 50%, C_{14} 30%, C_{16} 17%, C_{18} 3%) dimethyl ethylbenzyl ammonium chlorides	0.15%
Tetrasodium ethylene diamine tetraacetate	0.10%
Essential oils	0.24%
INERT INGREDIENTS	98.78%

*Includes all cleaning agents

- Use On Most Hard Surfaces
- Cleans - Disinfects
- No Scrubbing - No Brushing

Just Spray Surface Thoroughly — Wipe Off.

WARNING: Keep out of reach of children.
See side panel below for additional precautionary statements

KORK RUB

DISINFECTANT CLEANER

Designed for use in homes, hotels, motels, schools and hospitals where housekeeping will be of prime importance in reducing the hazard of cross infection on environmental surfaces.

Use Kork Rub on Walls, Floors, Sinktops, Garbage pails, Telephones, Restrooms.

Use Kork Rub to clean and disinfect most hard surfaces.

Ideal for use in the Auto, Boat and Work Shop.

When used as directed Kork Rub cleans, disinfects, and prevents bacterial odors. Is Fungicidal against pathogenic fungi.

JUST SPRAY SURFACE THOROUGHLY - WIPE OFF.
USE KORKAY SPRAYER ONLY.

EPA REG. No. 6943-1
EPA EST. NO. 6943-NY-1

CONTENTS _____ U.S. GALS.

Directions:

Using a Kork[illegible]ay Sprayer, spray Kork Rub Full Strength on soiled surface. [illegible] the surface is thoroughly wetted. Allow solution to remain on surface [illegible] solved time to loosen soil and to disinfect. Rinse soil away with water or wet s[illegible]

WARNI[illegible]

Keep Out of Reach of Children. Causes severe eye irritation. Causes skin irritation. Do not get in eyes, on skin or on clothing. Harmful if swallowed. Avoid contamination of food.

FIRST AID

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash all contaminated clothing before reuse. If swallowed: drink milk, egg whites, gelatin solution, or if these are not available, drink large quantities of water. Call a physician.

Rinse empty container thoroughly with water and discard.

KORKAY [illegible]C. BROOKLYN, N. Y. SHERWOOD, OHIO

Attachment
6-3

September 22, 1977

The Continental Insurance Companies
Executive Park, Stuyvesant Plaza
Albany, New York 12203

Attn: William D. Mannix
Senior Field Representative

Dear Mr. Mannix:

As requested, attached is a list of the chemicals used in our plant.

We appreciate your patience in this matter. If we can be of further assistance, please do not hesitate to drop us a note.

Sincerely,

PERMA GLAZE CHEMICAL CORP.

Thomas J. Kline
Vice President

ds
encl.

CHEMICALS USED AT PERMA GLAZE - BROADALBIN, N.Y.

Caustic Soda - beads
Sodium meta Silicate - powder
Tetra Sod. phyrophosphate
Sod. tripolyphosphate
Caustic potash
Tetra potassium pyrophosphate
Sodium Nitrate
Morpholene
Glycerine
Sod. Chromate - powder
Muriatic acid
Formaldehyde
Sod. Benzoate
Cresylic acid
Ammonia 26°
Sod. sulfate
Soda Ash
Triethonolamine
Clays and Flosses
Pumice
Waxes
Xylene
Mineral spirits
Methylene chloride
Chlorothene, NU or chlorosthene
Ethylene Glycol
Propylene glycol
Butylcellosolve
Tall oil
Mineral oil
Silicones fluids
Surfactants
Perfume oils
Dyes

Reg/File Korkay
Attachment 6-4

STATE OF NEW YORK
DEPARTMENT OF HEALTH

MEMORANDUM

September 11, 1979

Mr. John T. Eadie
Area Director
Northern Regional Office

SEP 14 1979

To: Mr. Decker - Northern Regional Office

From: Mr. Lupe - Northern Regional Office

Subject: Possible In-Place Toxic Problem
Korkay, Inc.
Broadalbin (V), Fulton County

On August 14, 1979, I met with Mr. Bud Colden of the New York State Department of Environmental Conservation, to investigate a complaint from Mr. Ed Tanner regarding Korkay, Inc. of Broadalbin, New York.. Mr. Colden had arrived at the Village prior to me and had photographed a barrel storage and chemical leachate problem in back of Korkay, Inc. Mr. Tanner had informed Mr. Colden that poor barrel washing waste disposal practices and barrel storage had gone on for years and it was now affecting trees on his property and had affected a neighbor's garden.

Mr. Colden showed me the barrel storage area at Korkay. Approximately 200-300 barrels were stored outdoors and residue from the barrels was leaking onto the ground. Several streams and puddles of pink and white leachate were on the ground. We did not immediately speak with the Korkay Officials, as Mr. Colden wanted to evaluate this problem further with his forestry people and toxic wastes people. I indicated that I would tell Mr. Cunnan and have him visit the site to see the problem.

Mr. Cunnan arrived on the scene after Mr. Colden left. While waiting for Mr. Cunnan, I advised Mr. Pickering, Board Trustee of the complaint and asked him to accompany us to the plant. We met with Mr. Anthony Kline, Korkay, Inc. and checked the plant for cross connections and to inspect the barrel storage area. Several potential cross connections were found and he was informally informed of the need for correction.

Mr. Kline explained that Korkay buys used barrels, washes them out, relines them and uses them to distribute products. A variety of used barrels formerly containing degreasers, acetone, isopropyl alcohol, perfumes, and other chemicals and food stuffs were present. We pointed out the leachate problems and the sloppiness of the barrel washing operation. We advised him that DEC would formally advise him of corrective action and indicated that until then, better control of barrel washing was needed.

Because the company has been operating the barrel washing operation for several years and the variety of chemical residues which have been spilled or washed into the ground, a potentially serious in-place toxic problem may exist. Recently, Mr. Colden and several members of New York State Department of Environmental Conservation staff have revisited the site and ordered corrective action (see attachments). As you will note more details are to be obtained on the chemicals at the plant. I will keep you advised on this matter.

If you have any questions on this matter, please discuss with me directly.

CC: Mr. Cunnan - Johnstown D.O.
Mr. Colden - DEC, Warrensburg
Mr. Eadie - Northern Regional Office
Mr. Tramontano - Toxic Substances Management Unit
Dr. Richard Wagner - Local Health Officer

8/14/79
Ed Tanner - Complaint
Korkay, Broadalbin

Ed believes the Korkay discharge is killing his white spruce.

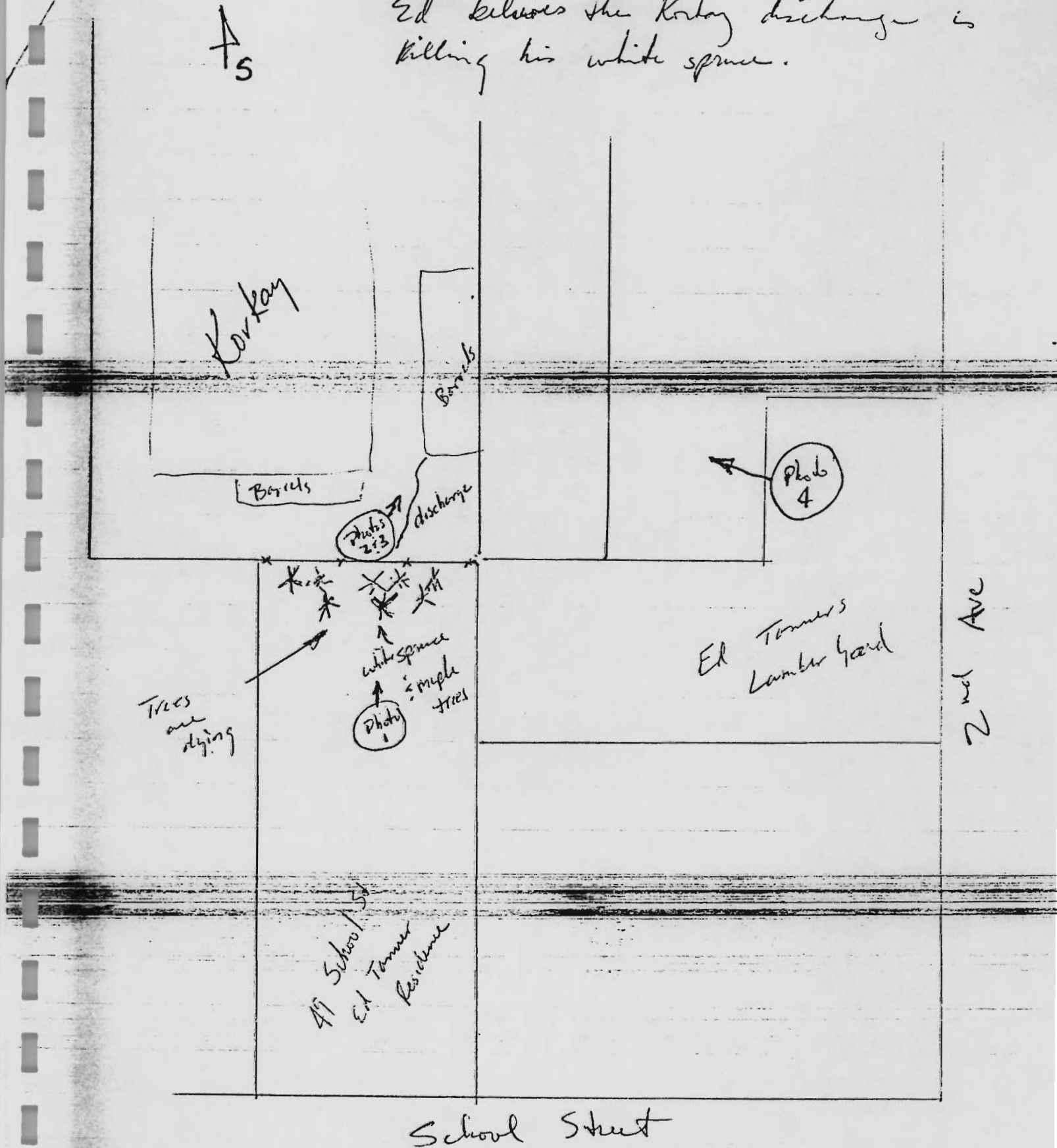

Photo 3 "Korkay Inc." Barrels & Dust
8/4/79
COLDEN

Attachment
6-5

9C

Region 5 - Environmental Quality
Hudson Street, Warrensburg, N. Y. 12885
Area Code 518 623-3671

Robert F. Flacke
XXXXXXXXXXXXXXX

August 24, 1979

Korkay, Incorporated
70 West Main Street
Broadalbin, N. Y. 12025

RECEIVED

AUG 27 1979

N. Y. STATE DEPT. OF HEALTH
JOHNSTOWN DISTRICT OFFICE

Attn: Mr. Thomas Klein
Vice President

RE: Permit Requirements for Industrial Waste
Korkay, Incorporated
Broadalbin (T), Fulton (Co.)

Dear Mr. Klein:

This letter is intended to serve as a summary of our meeting at your office on August 17, 1979. At that meeting, this Department was represented by Stephen Wood, Environmental Conservation Officer, William Colden, Regional Solid Waste Engineer, David Werner, Engineering Aide, and William Lamy, pure waters office. We met with you to discuss your waste discharge to groundwaters at the rear of your plant.

As we understand, you are receiving barrels from various sources and you rinse the barrels before filling them with the various chemicals which you then, in turn, market. The wastewater then is discharged to an old tile field system adjacent to your building. In addition, any of your raw materials that are spilled or are washed out are disposed of, through this same system via a floor drain. Article 17 of the Environmental Conservation Law stipulates that for any industrial wastewater you must have a State Pollutant Discharge Elimination System (SPDES) Permit. It appears that your discharge contains some toxic substances and therefore a discharge to groundwater from your tile field would contravene the groundwater standards. In order for you to comply with the groundwater standards you should cease your wastewater discharge to the ground, until such time as it is properly treated. You have been given a permit application and should you decide to discharge to either ground or surface waters you must complete the application and return it.

We discussed several possible solutions to your problem. It would appear that to comply with the conditions of obtaining a SPDES permit and removing the

pollutants before discharging the effluent to either groundwater or surface water would be costly. You stated that you could obtain new barrels and abolish your rinse operation, then you could contain the wash operation of raw materials spills in the plant, as well as any rinse water from washing the barrels which contained the raw materials. You mentioned that this could be done in a couple of weeks. Another alternative would be to install a holding tank in the ground and contain all rinse waters and then contract with a licensed hauler for disposal of the wastewater.

In order to avoid direct enforcement action, it is recommended that you should cease your wastewater discharge by September 1, 1979. I would recommend that you institute one of the above mentioned plans to control your wastewater discharge, at least as a temporary solution to your problem. This would then allow you to compare costs and investigate the alternatives listed, or others that haven't been mentioned.

We will be contacting you to arrange for a time when we may perform a follow-up Industrial-Chemical survey which will allow us to determine exactly what waste materials you have been discharging to the ground. We also will be evaluating the site to determine what action may be necessary to eliminate the existing environmental hazard.

If I can be of any assistance to you in selecting a particular option, please feel free to contact me.

Sincerely yours,

David B. Fleury, P.E.
Regional Pure Waters Engineer

by: William E. Lamy, P.E.
Senior Sanitary Engineer

WEL:brd

cc: M. A. Coutant, Esq.
S. A. Wood, ECO
W. C. Colden, P.E.
J. Cunnan, P.E.

Attachment 6-
9C

D. A. Corliss, P.E., Regional Engineer - Ray Brook
William C. Colden, P.E. Regional Solid Waste Engineer - Warrensburg
Industrial Waste Discharge and Inplace Toxics, Korkay Incorporated
Broadalbin (V), Fulton (Co.)
August (V), Fulton (Co.)

On August 14, 1979, I met with Ed Tanner, owner of Tanner's Lumber Yard in Broadalbin. He showed me a number of dead trees in his back yard which he believed to be caused by an industrial waste discharge from the Korkay plant. The trees had been looked at by John English of the Northville office and he believes that the trees are not being killed by pests or disease and suggested to Mr. Tanner that the discharge from Korkay is the likely cause.

Mr. Tanner and I walked around the back fence and on to the Korkay property where I observed the presence of approximately 100 to 200 barrels. A bright red liquid was flowing from the barrel storage area. Mr. Tanner informed me that has been common practice for the past 8 or 9 years for the company to wash out these barrels and discharge the washwater to the ground surface. I am not aware at this time as to all of the various chemicals which Korkay uses, however, a number of barrels were labeled degreaser, acétone and isopropyl alcohol.

Photographs are attached showing the discharge, the barrel area and the dying trees. Please return the photographs when you are finished with them. A site sketch is also attached. The problem is definitely a significant one deserving prompt action. The actions which I believe should be taken are as follows:

1. Korkay should be contacted by a representative of the Pure Waters staff regarding cessation of this industrial waste discharge.

2. An industrial chemical survey of Korkay should be scheduled as soon as possible. Ray Cowen's July 23, 1979, letter to the Village of Broadalbin indicated that the survey would be scheduled around mid-August.

3. The area in and around the Korkay plant should be treated as a suspected hazardous waste site and appropriately investigated. The chemicals used by this company need to be determined and if the waste material turns out to be hazardous as expected, then a sampling program should be initiated to determine the extent of contamination in the area.

4. A program for remedial action should be established through the appropriate legal documentation and consent order.

Unless instructed otherwise, this is the action that we will be taking.

William C. Colden, P.E.
Regional Solid Waste Engineer

WCC/isb

cc: T. Monroe
C. Goddard
Jack Cannan ✓
D. Fleury
B. Davis

Attachment
6-7

Region 5 - Environmental Quality
Hudson Street, Warrensburg, New York 12885
(518) 623-3671 or 668-5441

December 18, 1979

Korkay, Incorporated
70 West Main Street
Broadalbin, New York 12025

Attention: Mr. Thomas Klein
Vice President

Dear Mr. Klein:

The enclosed forms are for your use in securing a permit to haul industrial waste. I telephoned your office last Thursday and spoke with Arthur Schrum. He indicated that your company wants to haul its own waste that is generated by the barrel wash operation.

Mr. Schrum told me that your efforts to move the barrel wash operation to Amsterdam have not been successful. As I understand it, you are now discharging this waste to a 4,000 gallon holding tank, with subsequent removal by a registered waste hauler. Mr. Schrum could not recall the name of the hauler, but he is required by law to amend his registration to include your wastes. I would appreciate it if you would so notify the hauler, or provide me with his name so that I may do so.

In regard to your application, please pay particular attention to the section pertaining to the physical and chemical character of the waste. If you need further help in filling out the application, please don't hesitate to call.

Sincerely yours,

William C. Colden, P.E.
Regional Solid Waste Engineer

By: Ray E. Cowen, III, P.E.
Senior Sanitary Engineer

REC:isb
Encl.
cc: Ray Lupe, P.E.
Norm Drapeau, P.E.

Telecon w/Schrum 1/22/80 3pm.
Korkay has not purchased a truck yet. Application will be submitted when and if truck is purchased. Currently, Patrick Septic Service is pumping tank. I called Bruce Knapp to alert him about Patrick as he is not currently registered to haul these wastes.

EEC

File Korkay
Attachment
6-8

David B. Fleury, P.E., Regional Pure Waters Engineer - Ray Brook
Robert E. Davis, P.E., Senior Sanitary Engineer - Warrensburg
Korkay, Incorporated, Broadalbin (V), Fulton (Co.)

September 10, 1979

On September 5, 1979, Walter Haynes and I made an inspection of the subject plant grounds to determine what, if any, steps the firm had taken to abate their pollution problems. I met with Tom Klein to discuss the situation.

At present, the following has been accomplished:

1. The road around the building has been paved with crushed stone.

2. The barrel wash operation has ceased. The firm has plans to move this phase of the process to Amsterdam pending approval by the City to use the sewers.

3. The process vat discharge is no longer being discharged to the septic system. The discharge is being contained in empty drums that will be trucked to Amsterdam as per item 2.

4. The firm is planning to install a 4,000 gallon holding tank to contain the process vat discharge in lieu of using the empty barrels. They plan on registering their own truck to haul this wastewater to Amsterdam.

I asked Mr. Klein to keep us informed regarding their progress to date in eliminating the problem. In light of the firm's past practices, I feel that some follow up soil sampling may be in order to determine if there is a significant toxics problem at the site.

Robert E. Davis, P.E.
Senior Sanitary Engineer

RED:isb

cc: William C. Colden, P.E.

7. SITE DATA

7.1 SITE AREA SURFACE FEATURES

The Korkay site is flat. The dominant features of the site are the plant building, which occupies about 2/3 of the 1 acre property, and the outdoors drum storage area along the west side of the building. To the rear of the plant, there were drums and pieces of discarded equipment (Attachment 7.1-1).

The surrounding topography is generally flat and drains to Kennyetto Creek, 0.1 mile southeast of the site, which discharges to Great Sacandaga Lake, about one mile northwest of Korkay. The dominant land use in the immediate area is residential (1/4 acre lots), but there are several commercial establishments as well (bank, hotel, lumber yard). Adirondack State Park is about one mile north of the plant.

7.2 SITE HYDROGEOLOGY

The following discussion is based on a 1951 report on the ground water resources of Fulton County (Arnow 1951*).

The hydrogeology of the area is relatively complex, because of the presence of three bedrock formations within three miles of the site, and because of the effects of glacial activity. The area within one mile of the site is in the Little Falls Dolomite Formation (Cambrian Period), which serves as an aquifer because of the presence of numerous cracks and solution channels. The other two formations are Ordovician limestone and shale, which contain sufficient solution channels or joints to serve as aquifers.

Arnow (1951) reports seven wells within a mile of the Korkay site. Three are completed in the Little Falls Dolomite at depths of 124 to 301 feet, and three are in glacial deposits with depths of 10 to 96 feet. The most productive well (125 gpm) serves the Town of Broadalbin and is situated in Pleistocene gravel. The reported depth to water for these wells is 2 to 23 feet in glacial deposits and 25 feet in the Little Falls Dolomite (data for only one well).

The direction of ground water flow at the Korkay site was not reported by Arnow, but is presumed to be southerly, based upon the topography.

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* Arnow, T. 1951. The Ground-Water Resources of Fulton County, New York. Bulletin GW-24, New York State Water Power and Control Commission, Albany, 41p.

7.3 SUMMARY OF PAST SAMPLING AND ANALYSIS

Ground Water

No data are available.

Surface Water

No data are available.

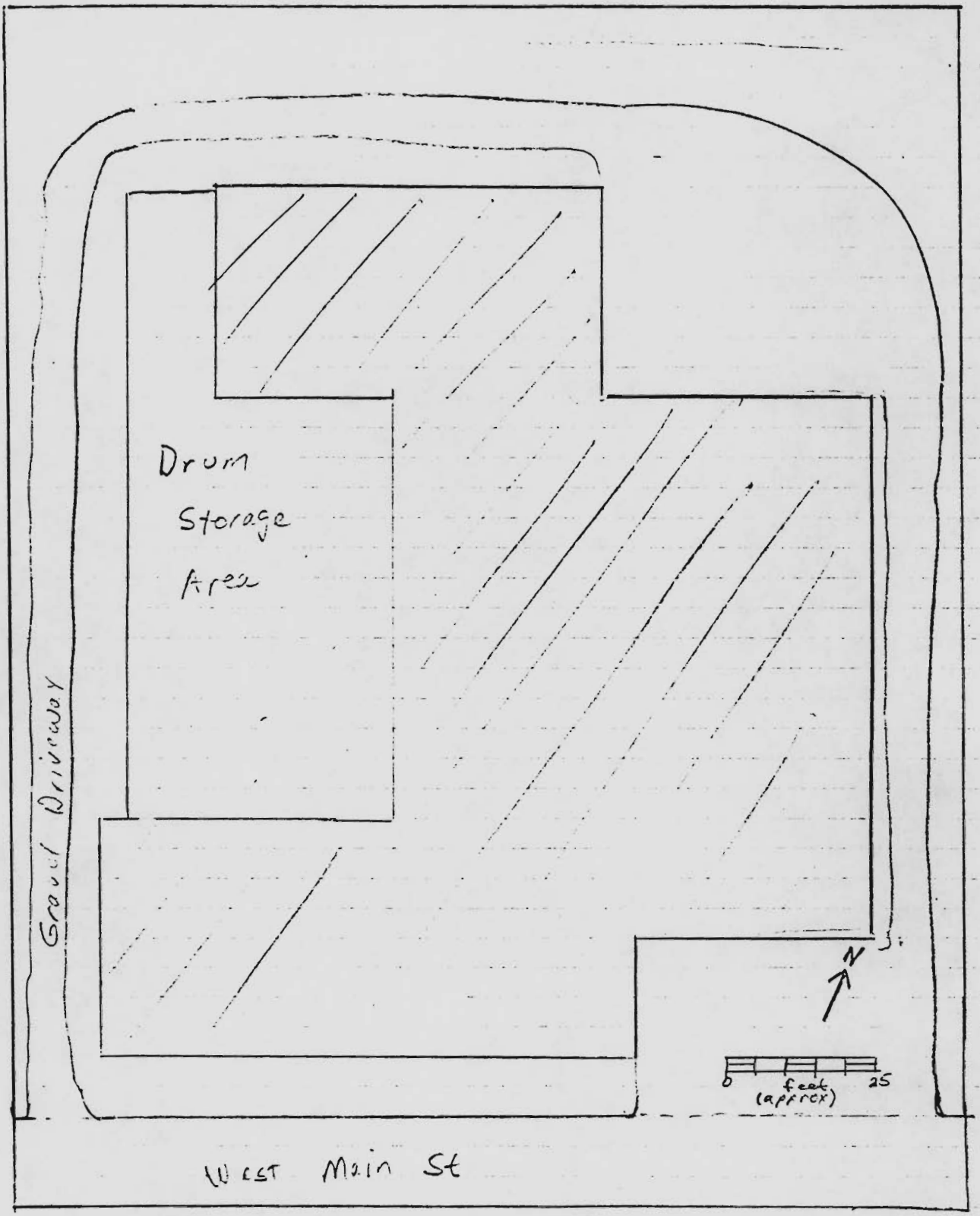
Air

No data are available.

Soil

No data are available.

Attachment
7.1-1



Korkay Site, Broadalbin NY

8. ADEQUACY OF AVAILABLE DATA TO PREPARE FINAL HRS

Existing data are inadequate for preparing a final HRS score because of the lack of analytical data, and the lack of information on the types and quantities of materials discharged to ground water. A modest ground water sampling effort is recommended to confirm the presence or absence of ground water contamination.

If ground water contamination on the Korkay site were to be confirmed (observed release), the maximum score for ground water (S_{gw}) would be 14.1 and the maximum Migration Score (S_M) would be 8.2. A reasonable estimate of the quantities of wastes washed from the barrels and from the cleaning operations proably cannot be made.

9. PHASE II WORK PLAN

9.1 DETAILED WORK PLAN

Multi-depth EM surveys of the site perimeter, expanding outward for plume definition, are recommended, with resistivity confirmation as necessary.

9.1.1 Test Boring and Observation Well

A single test boring to be completed as an observation well is recommended, the location and depth of which would be determined on the basis of the geophysical surveys. Sampling should be continuous as the boring is advanced, and samples should be classified according to the unified soil classification system. For purposes of estimating costs, it is assumed that one 4 inch, PVC well, screened from 10 to 20 feet, will be installed.

9.1.2 Water Quality Sampling

One ground water sample is to be taken and analyzed for priority pollutants. One water sample may also be taken from each of the two Village of Broadalbin wells and analyzed for priority pollutants.

9.2 HEALTH AND SAFETY PLAN

Activities

Phase II activities include geophysical surveys, subsurface borings, well installation, and well sampling.

General Corporate Occupational Health and Safety (COSH) Plan

The four levels of personnel protection which have been identified for use in the current project are summarized below.

Level 1: Self-Contained Positive Resource Demand -- Breathing apparatus with fully encapsulated suit.

Level 2: Self-Contained Positive Resource Demand -- Breathing apparatus (4-hour portable or line) with TYVEK-SARAN encapsulated disposable suit (with chemical splash suits as necessary), boots, and gloves (double NEOPRENE over VITON).

Level 3: Air purifying respirator with chemical cartridge (standard organics/acid gases/radionuclides/fumes/mists/dusts/particles), TYVEK-SARAN or polylaminated-coveralls (with hood and booties), safety boots, gloves (NEOPRENE over VITON), hard hats with integral face shield and goggles, and personal first-aid kit.

Level 4: Ibidem Level 3 except respirator use is optional. Respirators must be available in beltpack at all times.

Additionally, specific standard operating procedure manuals will be developed for each phase of work. These manuals include instructions for use of respirators, Draeger tubes, and portable organic vapor analyzers (OVA). Emergency medical information will also be included. Basic field procedures, such as site entry and exit, will be presented.

Korkay Site COSH Plan

Based on the site inspection, there is no apparent need for protective equipment during the geophysical survey. Level 4 protection is recommended for well installation and sampling.

9.3 COST ESTIMATE

Work Element	Estimated Cost Without Sampling of the Village Well	Estimated Cost With Sampling of the Village Wells
Geophysical survey	$ 3,000	$ 3,000
Test boring, observation well	1,600	1,600
Water quality sampling	800	1,600
Laboratory analysis	1,200	3,600
Remedial cost estimate	2,500	2,500
Report preparation	2,500	2,500
Project management and administration	2,500	2,500
Total Estimated Cost	$14,100	$17,300

APPENDIX

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

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

Code: _____

Site Code: 5 18014

Name of Site: Korkay Inc. Region: 5

County: Fulton Town/City Broadalbin

Street Address 70 W. Main Street

Status of Site Narrative:

Backyard property of Korkay Inc. Company had been purchasing used barrels and washing them on-site prior to packaging their products in them. Waste water from barrel washing operations discharged to septic tank.

Type of Site: Open Dump ☐ Treatment Pond(s) ☐ Number of Ponds _____
Landfill ☐ Lagoon(s) ☐ Number of Lagoons _____
Structure ☒

Estimated Size 1 Acres

Hazardous Wastes Disposed? Confirmed ☐ Suspected ☒

*Type and Quantity of Hazardous Wastes:

TYPE	QUANTITY (Pounds, drums, tons, gallons)
unknown, barrels may have contained acetone, isopropyl alchohol, surfactants, waxes, silicone perfumes & flavorings	unknown

* Use additional sheets if more space is needed.

47-15-11(2/80)

Name of Current Owner of Site: KorKay Inc.

Address of Current Owner of Site: 70 W. Main St. Broadalbin, NY

Time Period Site Was Used for Hazardous Waste Disposal:

unknown, 19 To , 19 80

Is site Active ☐ Inactive ☐
(Site is inactive if hazardous wastes were disposed of at this site and site was closed prior to August 25, 1979)

Types of Samples: Air ☐ Groundwater ☐ None ☑
Surface Water ☐ Soil ☐

Remedial Action: Proposed ☐ Under Design ☐
In Progress ☐ Completed ☐
Nature of Action:

Status of Legal Action: State ☐ Federal ☐

Permits Issued: Federal ☐ Local Government ☐ SPDES ☐
Solid Waste ☐ Mined Land ☐ Wetlands ☐ Other ☐

X Assessment of Environmental Problems:

None known

Assessment of Health Problems:

X Persons Completing this Form:

Ecological Analysts

for:

New York State Department of Environmental Conservation

Date 8/14/83

New York State Department of Health

Date

6/3/81
RPM:al