INSPECTION REPORT

FOR

BRIGHTON LANDFILL NO. 1

Brighton, IL

ILD980497671

R05-8410-01C

June 25, 1986

EPA Region 5 Records Ctr.

296447

ecology and environment, inc.
11' WEST JACKSON BLVD., CHICAGO, ILLINOIS 60604, TEL. 312-663-9415
International Specialists in the Environment

MEMORANDUM

DATE: June 25, 1986
TO: File
FROM: Steven Nelson S.N.
SUBJECT: Illinois/R05-8410-01C/IL0386
Brighton/Brighton Landfill No. 1
ILD980497671

Brighton Landfill #1 is located on a 43 acre site 8 miles north of Alton, IL. It is situated on a plateau of sorts, flanked on three (3) sides by a series of streams which drain the uplands. The surrounding area is non-urban farmland. The nearest population center is Brighton, IL (Pop. 2255) located two miles north. The site was identified through a Preliminary Assessment Report submitted by the Illinois EPA (IEPA) to the U.S. EPA.

The facility consists of a 32.11 acre landfill. It is directly adjacent and contiguous with Brighton Landfill No. 2 U.S. EPA #ILD 980497689 (Site #2), along its western border. Site #1 has been in used since 1971 as a disposal facility for municipal, commercial, industrial, hazardous and special wastes. It was operated from 1971 to 1975, without a permit, by Todd Sanitation Inc. and in 1975 received an operating permit from the IEPA. The site is currently inactive and owned by Com-pak Engineering.

recycled paper

When first opened the site was operated as an area fill. Filling operations began in the eastern portion of the site along the adjacent stream. Wastes were filled in previously eroded gullies. The thickness of refuse in Site #1 ranges from 30 feet in the former gullies to 5-7 feet in the upland areas. Wastes disposed of at this site consist predominantly of municipal refuse. However, large quantities of special and hazardous wastes containing hazardous constituents have been accepted. There is no leachate collection system or membrane liner in place at the facility.

In 1984, the owner/operator was sited for 26 violations of state/federal IEPA and RCRA regulations. The central theme of these violations is the apparent lack of an acceptable groundwater monitoring program. The site has an approved RCRA Part A application, however the Part B application (submitted in 1984) has had two "notice of deficiency" letters. Again, the lack of an adequate sampling/monitoring program is the major issue. On December 20, 1985, as a result of a judgment order made by the Circuit Court for the Seventh Judicial Circuit Macoupin County, Illinois, the site was ordered closed.

Site #1 is situated on an eastward sloping hillside above a small stream which flows southward to join the west fork of the Wood River. The site is underlain by unconsolidated glacial depoits between 20 and 70 feet thick. These deposits consist of silts, silty clay loams and clay loams, which overly compact glacial till. Narrow sand seams are incountered within the upper drift deposits. These contain small quantities of water.

This area is characterized by distinct topographic variation, the result of significant differences in past erosion. Therefore, the thickness of glacial deposits also shows distinct differences throughout the area and beneath the site. These deposits overly bedrock of the Pennsylvania System transitional between the Modesto and Carbondale formations. These formations consist predominantly of shale with some limestone, sandstone and coal; the uppermost deposits being shale.

On April 8, 1986, Region V FIT personnel visited the Brighton facility to conduct a site inspection and collect groundwater samples from on-site monitor wells. During the inspection, observations were made of current activities designed to improve containment. The creek which flows along the north and northeast border of the site is being relocated to increase the distance between it and the fill. A berm has also been constructed to prohibit surface runoff from the site entering the creek. The site is completely covered and no exposed refuse was observed; although the thickness of the cover has not been established. The site is completely fenced.

The current sampling/monitoring system at the site consists of 28 groundwater monitor wells which monitor both the upper and lower glacial deposits. In addition four surface water monitoring points are also used to monitor the streams adjacent to the site. The system is sampled on a quarterly basis. Not all monitor wells are sampled quarterly. Currently 11 wells, both shallow and deep, are used.

During the FIT inspection 9 wells were sampled. These consisted of 5 deep and 4 shallow wells. No surface water samples were collected. Samples collected from monitor wells G128 and G104 both contained arsenic at 13 and 10 ppb respectively. Well G128 also contained nickel at 54 ppb.

G128 is a shallow well and G104 is a deep well. Both are located at the northeast corner of the fill and near the creek. Well G128 is screened at or near the elevation of the creek bed, while G104 is screened well below this level. Groundwater flowing in the zone monitored by G128 should be intercepted by the creek. However, groundwater flowing at the level of G104 is free to migrate away from the site. This deeper groundwater may also enter the bedrock to recharge that aquifer.

Drinking water for most of the population in the area is drawn from the Mississippi River and supplied by Alton, IL or the Jersey County Rural Water Company which purchases it from Alton. Some rural residents are not served by these municipal suppliers, either because they do not wish to be connected or because there is no main in their area. These poeple utilize private wells which draw from the glacial aquifer or to a lesser degree from the bedrock aquifer. There is a potential for contaminants from this site to affect these supplies.

12F1T

EPA

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

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
IL	D980497689

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site)	02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER
Brighton Landfill #1	Route 1 (Craig Lake Road)

03 CITY	04 STATE	05 ZIP CODE	06 COUNTY	07 COUNTY CODE	08 CONG. DIST
Brighton	IL	62012	Macoupin	117	20

09 COORDINATES LATITUDE	LONGITUDE
39 00 57.0	090 08 08.0

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
4, 8, 86 (MONTH DAY YEAR)	☐ ACTIVE ■ INACTIVE	1971 (BEGINNING YEAR) 12-20-86 (ENDING YEAR) ____ UNKNOWN

04 AGENCY PERFORMING INSPECTION (Check all that apply): ☐ A. EPA ■ B. EPA CONTRACTOR Ecology & Environment, Inc. (E&E) (Name of firm) ☐ C. MUNICIPAL ☐ D. MUNICIPAL CONTRACTOR ____ (Name of firm) ☐ E. STATE ☐ F. STATE CONTRACTOR ____ (Name of firm) ☐ G. OTHER ____ (Specify)

05 CHIEF INSPECTOR	06 TITLE	07 ORGANIZATION	08 TELEPHONE NO.
Steven Nelson	Zoologist	E&E	(312)663-9415

09 OTHER INSPECTORS	10 TITLE	11 ORGANIZATION	12 TELEPHONE NO
Dave Curnock	Agronomist	E&E	(312)663-9415
Craig Almanza	Technician	E&E	(312)663-9415
Bruce Mack	Geologist	E&E	(312)663-9415
			( )
			( )

13 SITE REPRESENTATIVES INTERVIEWED	14 TITLE	15 ADDRESS	16 TELEPHONE NO
Gene Evans	Owner	Com-Mak Engineering/ Brighton Landfill Div., Route 1, Brighton, IL 62012	(618)372-8426
Doug Tickner	Supervisor of Operations	Brighton Landfill, Route 1, Brighton, IL 62012	(618)372-8426
Fred Prillamen	Lawyer	P.O. Box 670 Springfield, IL 62705	(217)528-2517
			( )
			( )
			( )

17 ACCESS GAINED BY (Check one)	18 TIME OF INSPECTION	19 WEATHER CONDITIONS
■ PERMISSION ☐ WARRANT	0945	Clear, Sunny, Temp. ~70°F

IV. INFORMATION AVAILABLE FROM

01 CONTACT	02 OF (Agency/Organization)	03 TELEPHONE NO
Dave Jansen	IEPA, DLPC Springfield	(217)786-6892

04 PERSON RESPONSIBLE FOR SITE INSPECTION FORM	05 AGENCY	06 ORGANIZATION	07 TELEPHONE NO.	08 DATE
Steven R. Nelson	U.S. EPA	Region V FIT	312/663-9415	6, 26, 86 (MONTH DAY YEAR)

EPA FORM 2070-13 (7-81)

EPA

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

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
IL	D980497671

II. WASTE STATES, QUANTITIES, AND CHARACTERISTICS

01 PHYSICAL STATES (Check all that apply)

- [x] A SOLID
- [x] B POWDER, FINES
- [x] 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 25,650 *
NO. OF DRUMS _____

03 WASTE CHARACTERISTICS (Check all that apply)

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

III. WASTE TYPE

CATEGORY	SUBSTANCE NAME	01 GROSS AMOUNT	02 UNIT OF MEASURE	03 COMMENTS
SLU	SLUDGE	18,200	cu. yrd.	all contain heavy metals
OLW	OILY WASTE			
SOL	SOLVENTS			
PSD	PESTICIDES			
OCC	OTHER ORGANIC CHEMICALS			
ICC	INORGANIC CHEMICALS			
ACD	ACIDS			
BAS	BASES			
MES	HEAVY METALS	7,450	cu. yrd.	Solids, liquids, fines from various sources.

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
	Arsenic		Landfill	13	mg/L
	Chromium		Landfill	11	mg/L
	Nickel		Landfill	54	mg/L

* Note: Quantity shown is for hazardous and special wastes only. These comprise ~20% of the total waste quantity at the site. The other ~80% is non-hazardous municipal refuse. All wastes were co-disposed, thus all wastes at site could be considered potentially hazardous. The total volume of wastes at the site can not be determined.

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)

Analytical data from groundwater samples collected during FIT site inspection. (4-8-86)
IEPA, DLPC Files.

EPA

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

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
IL	D980497671

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ■ A. GROUNDWATER CONTAMINATION — 02 ■ OBSERVED (DATE 4-8-81) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED ~130/3mi — 04 NARRATIVE DESCRIPTION
Site underlain by 20-70 feet of glacial deposits. Upper deposits are more weathered and somewhat more permeable than deeper till. This seems of more permeable materials (ie. sandy drift) are encountered throughout the site. Samples of groundwater from shallow and deep zones showed heavy metals (see "M" below)

01 ■ B. SURFACE WATER CONTAMINATION — 02 ☐ OBSERVED (DATE _____) ■ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED -0- — 04 NARRATIVE DESCRIPTION
It has been reported that groundwater flow beneath this site is discharged to the streams adjacent to the site. Contaminants have been observed in the groundwater. No current use is known for these local streams. Site is covered & has runoff/on diversion/collection system.

01 ☐ C. CONTAMINATION OF AIR — 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED _____ — 04 NARRATIVE DESCRIPTION
N.A. no wastes with potential for air release.

01 ☐ D. FIRE EXPLOSIVE CONDITIONS — 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED _____ — 04 NARRATIVE DESCRIPTION
N.A. wastes are covered.

01 ☐ E. DIRECT CONTACT — 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED _____ — 04 NARRATIVE DESCRIPTION
N.A. Site is covered and fence.

01 ■ F. CONTAMINATION OF SOIL — 02 ☐ OBSERVED (DATE _____) ■ POTENTIAL ☐ ALLEGED
03 AREA POTENTIALLY AFFECTED 32.11 (Acres) — 04 NARRATIVE DESCRIPTION
Site is known to have accepted heavy metal containing wastes including hazardous and special wastes. Fill has no liner.

01 ■ G. DRINKING WATER CONTAMINATION — 02 ☐ OBSERVED (DATE _____) ■ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED ~130/3mi — 04 NARRATIVE DESCRIPTION
Majority of population is served by intakes from the Mississippi River. This is too distant to be affected by this site. Limited number of homes do still utilize groundwater drawn from the glacial aquifer, few use bedrock aquifer. Some groundwater flow may not be intercepted by the surrounding streams. This would allow contaminants to migrate away from site and into surrounding water table (see "A" above)

01 ■ H. WORKER EXPOSURE INJURY — 02 ☐ OBSERVED (DATE _____) ■ POTENTIAL ☐ ALLEGED
03 WORKERS POTENTIALLY AFFECTED 6 persons — 04 NARRATIVE DESCRIPTION
Site has accepted some hazardous waste types. Site is closed however work to move location of certain wastes is planned. Employees could come in contact with hazardous materials durring these operations.

01 ■ I. POPULATION EXPOSURE INJURY — 02 ☐ OBSERVED (DATE _____) ■ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED ~130/3mi — 04 NARRATIVE DESCRIPTION
Potential exists for contamination of local groundwater supply. Some local residents rely upon groundwater for potable water source.
(see "A" & G" above, & "M" below)

EPA

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

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
IL	D980497671

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA — 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
None observed (4-8-86).
None reported.

01 ☐ K. DAMAGE TO FAUNA — 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION (Include names of species)
None observed (4-8-86)
None reported.

01 ■ L. CONTAMINATION OF FOOD CHAIN — 02 ☐ OBSERVED (DATE _____) ■ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION Site has accepted heavy metal containing wastes. Contaminants observed in groundwater which may discharge to local streams. Heavy metals could enter aquatic food chain. It is unknown if stream is used for sport or commercial fishing. (See "A, B" above and "M" below)

01 ■ M. UNSTABLE CONTAINMENT OF WASTES (Spills, Runoff, Standing liquids, Leaking drums) — 02 ■ OBSERVED (DATE 4-8-86) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: ~130 / 3mi — 04 NARRATIVE DESCRIPTION Samples collected from two monitor wells, located, downgradient to the fill, showed contamination with arsenic, chromium and nickel. Site is known to have accepted heavy metal containing wastes.

01 ☐ N. DAMAGE TO OFFSITE PROPERTY — 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
None reported.
None observed. (4-8-86)

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

01 ■ P. ILLEGAL/UNAUTHORIZED DUMPING — 02 ■ OBSERVED (DATE 9-12-85) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION Judgement order filed by Macoupin, Co. Circuit court states that as of 9-12-85 site exceeded final contour/elevations established by their permit, thus exceeding the authorized waste quantity. In addition site operated from 1973 - 1975 w/out a state developemental or operating permit, thus operations were unauthorized for 2 years.

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

III. TOTAL POPULATION POTENTIALLY AFFECTED: ~130 persons.

IV. COMMENTS

None.

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

RV FIT site inspection/interview (4-8-86)
RV FIT files.
IEPA, DLPC Springfield files.

EPA

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

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
IL	D980497671

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	—	—	—	Part A application
☐ F. SPCC PLAN				
■ G. STATE (Specify)	1975-54	1975	Open	Operation and Development
☐ H. LOCAL (Specify)				
■ I. OTHER (Specify) Supplimental permit from IEPA	1982-68	1982	Open	Modification of site operations.
☐ J. NONE				

III. SITE DESCRIPTION

01 STORAGE/DISPOSAL (Check all that apply)	02 AMOUNT	03 UNIT OF MEASURE
☐ A. SURFACE IMPOUNDMENT		
☐ B. PILES		
☐ C. DRUMS, ABOVE GROUND		
☐ D. TANK, ABOVE GROUND		
☐ E. TANK, BELOW GROUND		
■ F. LANDFILL	25,650	cu. yrd.
☐ G. LANDFARM		
☐ H. OPEN DUMP		
☐ I. OTHER (Specify)		

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

05 OTHER
- ■ A. BUILDINGS ON SITE

06 AREA OF SITE: 32.11 (Acres)

07 COMMENTS
Origional operations consisted of area fill. Existing gullies were filled in with wastes and covered. Eventually operations were modified in order to permit increasing the elevation of the fill and thus allow for the site to accept additional wastes. Majority of wastes accepted (~80%) were non-hazardous refuse, however wastes were blended or co-disposed. haz/non-haz, thus all wastes potentially hazardous. Above shown waste quantity is for haz/special wastes only.

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.
Site has no artificial liner or leachate collection system. Soils beneath site are clayey and relatively impermeable. However, samples of groundwater have shown contamination attributable to the site.
Site maintains two 2500 gal. underground storage tanks, installed in 1975, used for fuel storage. These tanks have never been leak tested. These may be potentially unsound.

V. ACCESSIBILITY

01 WASTE EASILY ACCESSIBLE ☐ YES ■ NO

02 COMMENTS Site is covered and completely fenced.

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

RV FIT Site inspection/interview; samples collected from site groundwater monitor wells. (4-8-86)
RV FIT files.
IEPA, DLPC Files.

EPA

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

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
IL	D980497671

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. ~8 (mi)
B. 0.1 (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 129 persons

03 DISTANCE TO NEAREST DRINKING WATER WELL 0.1 (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
~50 (ft)	SSE	~50 (ft)	Unk. (gpd)	■ YES ☐ NO

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

Most of population is served by municipal supplies drawn from the Mississippi River. Some rural residents are not served and utilize private wells. These wells draw from a permeable drift member encountered at ~40-50 ft. depth. This overlies shale bedrock. Some wells draw from the shale.

10 RECHARGE AREA ■ YES ☐ NO COMMENTS Precipitation infiltration recharges drift aquifer.

11 DISCHARGE AREA ■ YES ☐ NO COMMENTS Shallow groundwater discharges to adjacent streams to provide baseflow.

IV. SURFACE WATER

01 SURFACE WATER USE (Check one)

☐ A. RESERVOIR, RECREATION DRINKING WATER SOURCE ☐ B. IRRIGATION, ECONOMICALLY IMPORTANT RESOURCES ☐ C. COMMERCIAL, INDUSTRIAL ■ D. NOT CURRENTLY USED

02 AFFECTED/POTENTIALLY AFFECTED BODIES OF WATER

NAME:	AFFECTED	DISTANCE TO SITE
Unnamed Tributary to West Fork Wood River	☐	Adjacent to Site ~~(mi)~~
West Fork Wood River	☐	1.5 (mi)
	☐	(mi)

V. DEMOGRAPHIC AND PROPERTY INFORMATION

01 TOTAL POPULATION WITHIN

ONE (1) MILE OF SITE	TWO (2) MILES OF SITE	THREE (3) MILES OF SITE
A. 800 NO. OF PERSONS	B. 1500 NO. OF PERSONS	C. 4000 NO. OF PERSONS

02 DISTANCE TO NEAREST POPULATION 0.1 (mi)

03 NUMBER OF BUILDINGS WITHIN TWO (2) MILES OF SITE 395

04 DISTANCE TO NEAREST OFF-SITE BUILDING ~500 ft ~~(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)

Area around landfill is non-urban agricultural farmland. Population density is low. The town of Brighton, IL (Pop. 2255) is located approx. 2.0 miles North. This is the largest population center in this area.

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

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
IL	D980497871

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

Clay loam

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)

Shale

03 DEPTH TO BEDROCK	04 DEPTH OF CONTAMINATED SOIL ZONE	05 SOIL pH
~550' (MSL) (ft)	~568' (MSL) (ft)	Neutral

06 NET PRECIPITATION	07 ONE YEAR 24 HOUR RAINFALL	08 SLOPE: SITE SLOPE	DIRECTION OF SITE SLOPE	TERRAIN AVERAGE SLOPE
0.0 (in)	3.0 (in)	3-20 %	ESE	3-5 %

09 FLOOD POTENTIAL

SITE IS IN Unk. YEAR FLOODPLAIN

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

No

11 DISTANCE TO WETLANDS (5 acre minimum)

ESTUARINE: A N.A. (mi)

OTHER: B. > 3.0 (mi)

12 DISTANCE TO CRITICAL HABITAT (of endangered species)

N.A. (mi)

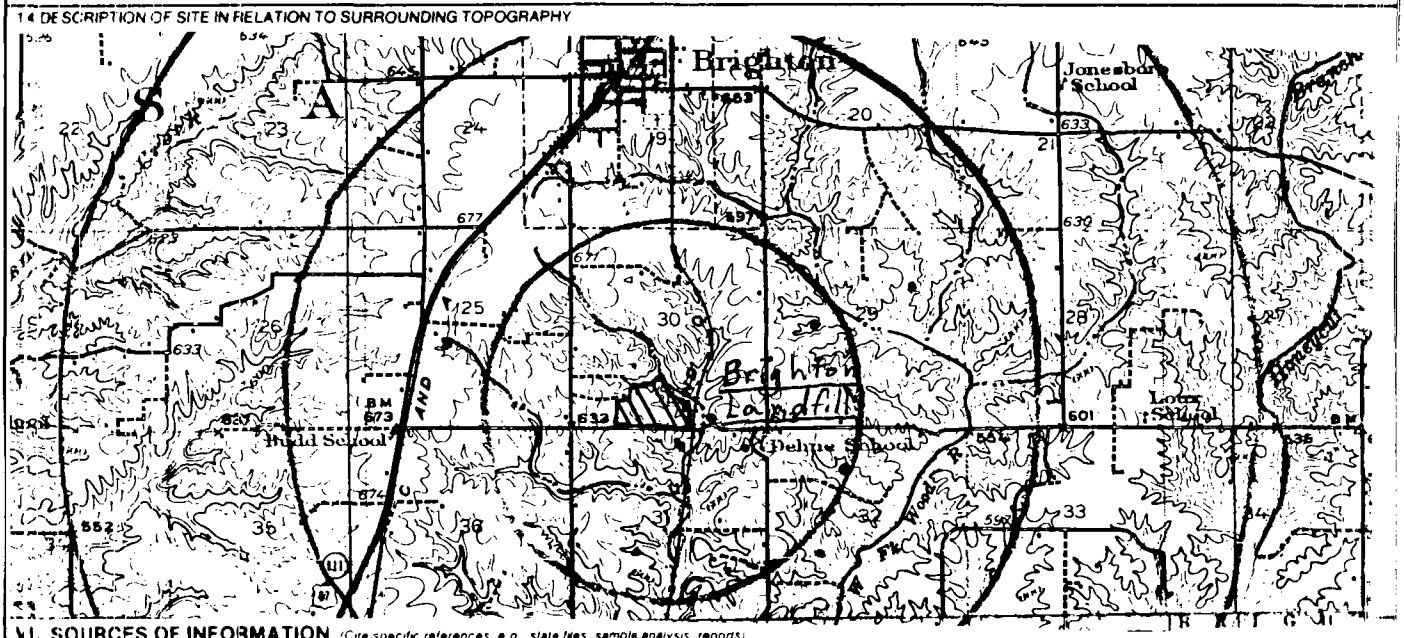
ENDANGERED SPECIES: _____

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. ~2.8 (mi)	B 0.1 (mi)	C ~2.5 (mi)	D. 0.1 (mi)

14 DESCRIPTION OF SITE IN RELATION TO SURROUNDING TOPOGRAPHY



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

E&E Region V FIT site inspection/interview (4-8-86)
E&E Region V FIT files
IEPA, DLPC Springfield files.

EPA

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

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
IL	D980497671

II. SAMPLES TAKEN

SAMPLE TYPE	01 NUMBER OF SAMPLES TAKEN	02 SAMPLES SENT TO	03 ESTIMATED DATE RESULTS AVAILABLE
GROUNDWATER	11	Both Organic and Inorganic samples sent to Compuchem Lab.	6/3/86
SURFACE WATER			
WASTE			
AIR			
RUNOFF			
SPILL			
SOIL			
VEGETATION			
OTHER			

III. FIELD MEASUREMENTS TAKEN

01 TYPE	02 COMMENTS
Instrument	On-site Readings.
HNu	No readings above background.
Explosimeter	No readings.
Drager tubes (HCN)	No readings.
Rad-mini	No readings above background.

IV. PHOTOGRAPHS AND MAPS

01 TYPE ■ GROUND ☐ AERIAL

02 IN CUSTODY OF E&E, RV FIT Files. (Name of organization or individual)

03 MAPS ■ YES ☐ NO

04 LOCATION OF MAPS E&E RV FIT files; IEPA DLPC Files.

V. OTHER FIELD DATA COLLECTED (Provide narrative description)

None

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

E&E, Region V FIT, Site inspection. (4-8-86)
IEPA, DLPC Springfield files.
E&E, Region V FIT files.

EPA FORM 2070-13 (7-81)

EPA

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

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
IL	D980497671

II. CURRENT OWNER(S)

01 NAME	02 D+B NUMBER	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	05 CITY	06 STATE	07 ZIP CODE
Brighton Landfill		Craig Lake Road		Brighton	IL	62012

PARENT COMPANY (If applicable)

08 NAME	09 D+B NUMBER	10 STREET ADDRESS (P.O. Box, RFD #, etc.)	11 SIC CODE	12 CITY	13 STATE	14 ZIP CODE
Com-Pak Engineering		Craig Lake Road		Brighton	IL	62012

III. PREVIOUS OWNER(S) (List most recent first)

01 NAME	02 D+B NUMBER	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	05 CITY	06 STATE	07 ZIP CODE
Todd's Sanitary Service		P.O. Box 401		Brighton	IL	62012
Louis Schlief		Unk.		Unk.		

IV. REALTY OWNER(S) (If applicable, list most recent first)

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

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

RI FIT site inspection/interview. (4-8-86)
IEPA, DLPC Springfield. files.

EPA FORM 2070-13 (7-81)

EPA

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

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
IL	D980497671

I. CURRENT OPERATOR (Provide if different from owner)

01 NAME: Brighton Landfill	02 D+B NUMBER:
03 STREET ADDRESS (P.O. Box, RFD #, etc.): Craig Lake Road	04 SIC CODE:
05 CITY: Brighton	06 STATE: IL / 07 ZIP CODE: 62012
08 YEARS OF OPERATION: 1979 - Present	09 NAME OF OWNER: Gene Evans / Brighton Landfill

OPERATOR'S PARENT COMPANY (If applicable)

10 NAME: Com-Pak Engineering	11 D+B NUMBER:
12 STREET ADDRESS (P.O. Box, RFD #, etc.): Craig Lake Road	13 SIC CODE:
14 CITY: Brighton	15 STATE: IL / 16 ZIP CODE: 62012

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

01 NAME: Todd McKee	02 D+B NUMBER:
03 STREET ADDRESS (P.O. Box, RFD #, etc.): P.O. Box 401	04 SIC CODE:
05 CITY: Brighton	06 STATE: IL / 07 ZIP CODE: 62012
08 YEARS OF OPERATION: 1977 - 1979	09 NAME OF OWNER DURING THIS PERIOD: Gene Evans / Brighton Landfill
01 NAME: Todd McKee	02 D+B NUMBER:
03 STREET ADDRESS (P.O. Box, RFD #, etc.): P.O. Box 401	04 SIC CODE:
05 CITY: Brighton	06 STATE: IL / 07 ZIP CODE: 62012
08 YEARS OF OPERATION: 1971 - 1977	09 NAME OF OWNER DURING THIS PERIOD: Todd McKee / Todd's Sanitary Service.
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:
10 NAME:	11 D+B NUMBER:
12 STREET ADDRESS (P.O. Box, RFD #, etc.):	13 SIC CODE:
14 CITY:	15 STATE: / 16 ZIP CODE:
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)

RV FIT site inspection / interview. (4-8-86)
IEPA, DLPC Springfield files.

EPA

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

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
IL	D980497671

II. ON-SITE GENERATOR

01 NAME	02 D+B NUMBER
N. A.	

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
Olin Corporation			

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
Woodriver	IL				

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
Midwest Sanitary Service			

03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE
P.O. Box 83			

05 CITY	06 STATE	07 ZIP CODE	05 CITY	06 STATE	07 ZIP CODE
Woodriver	IL				

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/interview (4-8-86)
IEPA, DLPC Springfield Files.

EPA

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

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
IL	D980497671

II. PAST RESPONSE ACTIVITIES

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

EPA

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

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
IL	D980497671

II. PAST RESPONSE ACTIVITIES (Continued)

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

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

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

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

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

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

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

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

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

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

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

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

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

RV FIT site inspection/interview (4-8-86).
IEPA, DLPC Spring

EPA

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

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
IL	D980497671

II. ENFORCEMENT INFORMATION

01 PAST REGULATORY ENFORCEMENT ACTION ■ YES ☐ NO

02 DESCRIPTION OF FEDERAL, STATE, LOCAL REGULATORY ENFORCEMENT ACTION

Circuit Court for the Seventh Judicial Circuit Macoupin County, Illinois.
81-CH-10 Judgment Order; filed December 20, 1986.
- Site ordered to cease operation.
- Remove and seal all groundwater monitoring wells.

U.S. EPA Region V
Docket No. V-W-84-R-0-82 Consent Agreement & Final Order; Sept. 20, 1985
- Site agreed to pay $15,000 fine for past violations.
- Install artificial barrier to surround facility (ie. Fence).
- Provide system for collection of on-site run-off and diversion system to prevent run-on.

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

IEPA, DLPC Springfield files.
R V FIT files.

EPA FORM 2070-13 (7-81)

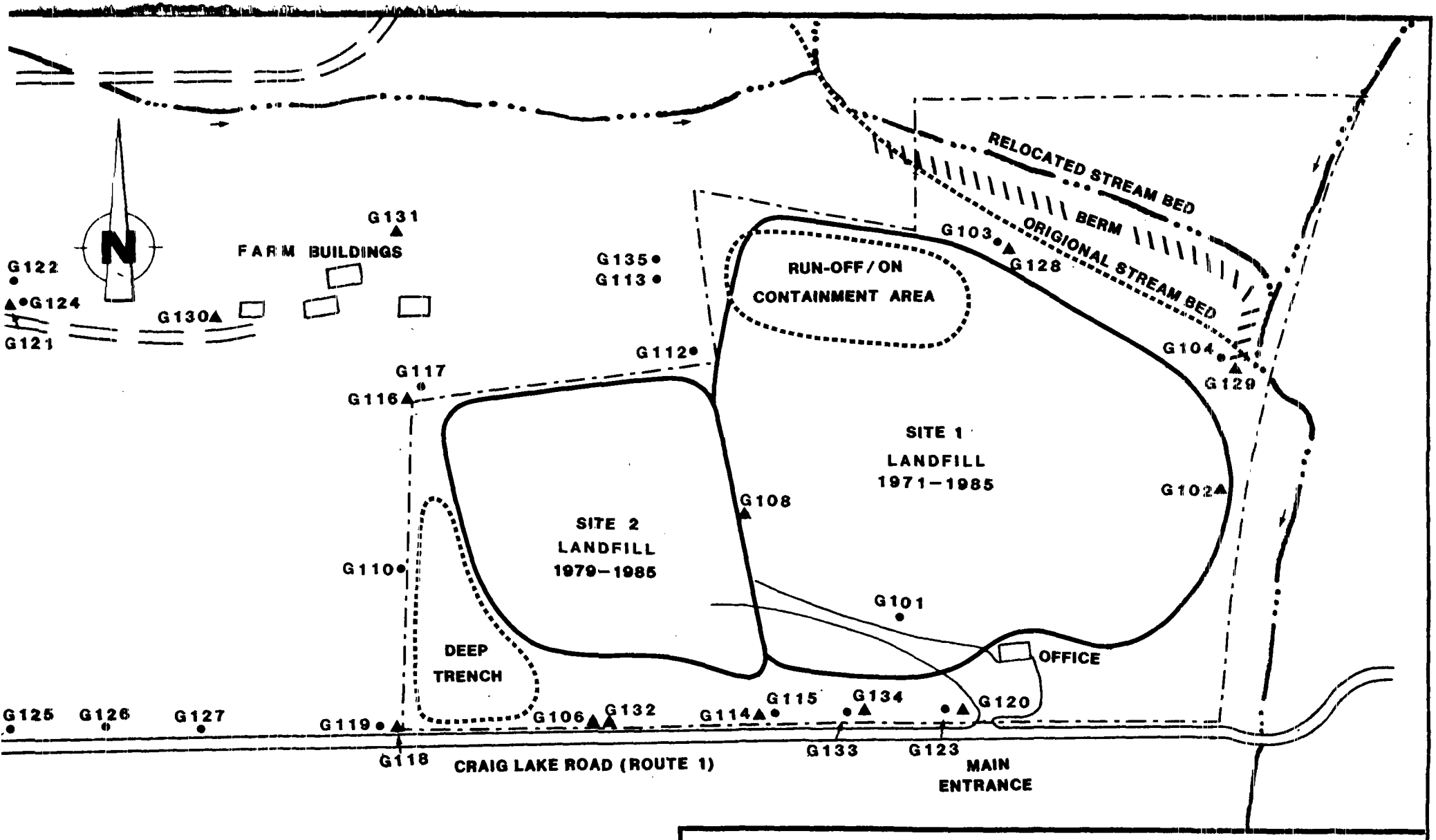
Immediate Removal Action Check Sheet

		High	Moderate	Low
Fire and Explosion Hazard				
Flammable Materials	N.A.			
Explosives	N.A.			
Incompatable Chemicals	N.A.			
Direct Contact with Acutely Toxic Chemicals				
Site Security	N.A.			
Leaking Drums or Tanks	N.A.			
Open Lagoons or pits	N.A.			
Materials on Surface	N.A.			
Proximity of Population	N.A.			
Evidence of Casual Site Use	N.A.			
Contaminated Water Supply				
Exceeds 10 Day Snarl	N.A.			
Gross Taste or Odors	N.A.			
Alternate Water Available	N.A.			
Potential Contamination				X

Is the site abandoned or active? Undergoing Closure

ecology and environment, inc.
111 WEST JACKSON BOULEVARD
CHICAGO, IL 60604

SCALE:	USGS TOPOGRAPHIC QUADRANGLE	DRAWN BY
DATE: 1925	BRIGHTON ,IL 15' series	REVISED
BRIGHTON LANDFILL		
R05-8410-01C		DRAWING NUMBER



▲ SHALLOW WELL

● DEEP WELL

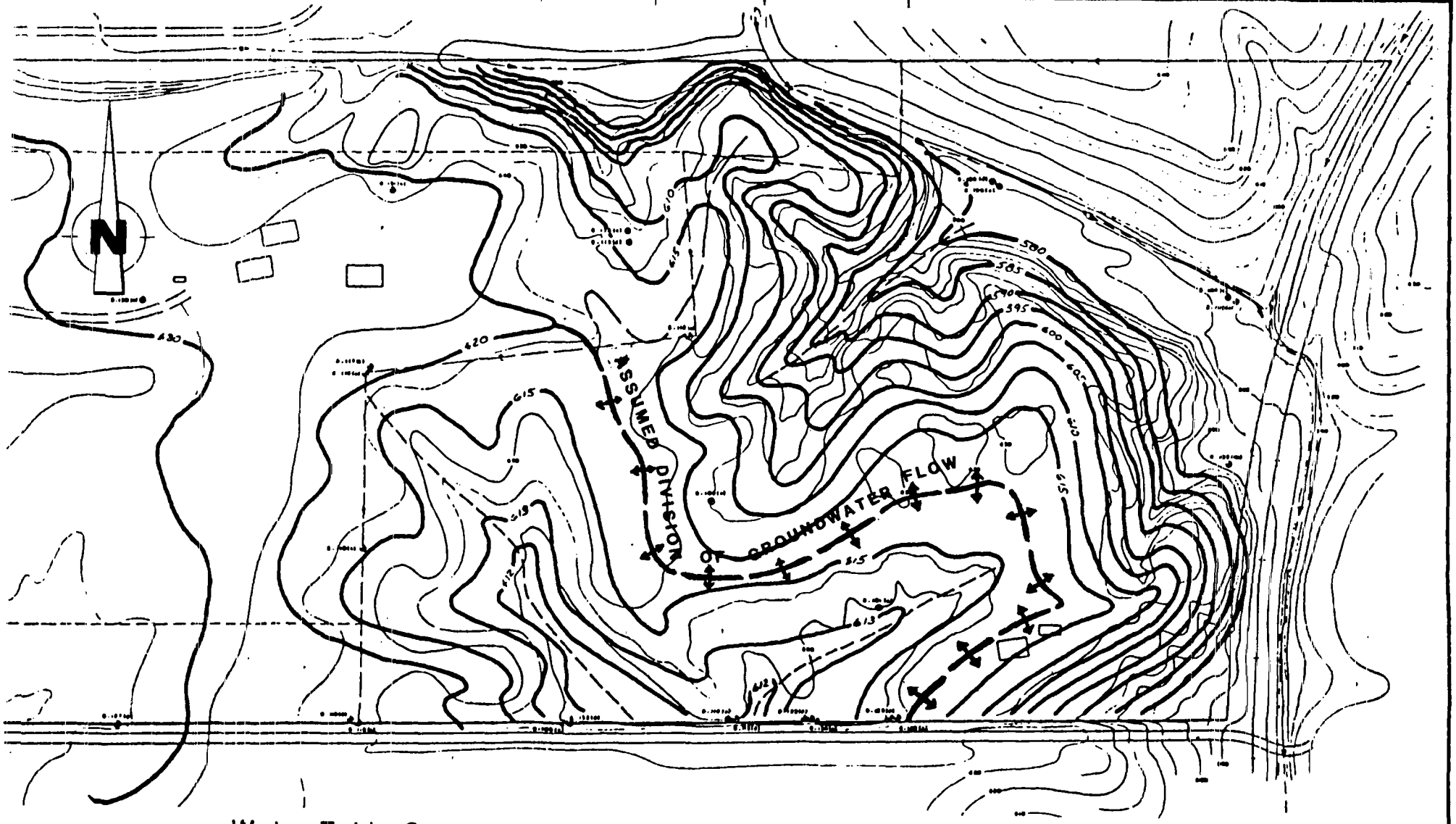
ecology and environment, inc.
111 WEST JACKSON BOULEVARD
CHICAGO, IL 60604

SCALE: NONE	R05–8410–01C	DRAWN BY GFH	
DATE: 6/30/86		REVISED	

MONITORING WELLS AND SITE FEATURES

BRIGHTON LANDFILL

DRAWING NUMBER



—— 613 —— Water Table Contour Line and Elevation

- Contour Interval as Shown
- Modified from Rapps Associates, Inc.

ecology and environment, inc.
111 WEST JACKSON BOULEVARD
CHICAGO, IL 60604

SCALE: NONE	TDD# R05-8410-01D	DRAWN BY SRN
DATE: 6/30/86		REVISED

WATER TABLE CONTOUR MAP ADJUSTED FOR CONFORMANCE TO ORIGINAL TOPOGRAPHY

BRIGHTON LANDFILL
MACOUPIN CO., IL

DRAWING NUMBER

FIELD PHOTOGRAPHY LOG SHEET

DATE 4/9/86

TIME 1520 A.M. (P.M.)

DIRECTION: N NNE NE ENE
(E) ESE SE SSE
S SSW SW WSW
W WNW NW NNW

WEATHER sunny
mild 55°F

SITE Brighton I & II

TDD# 05-8410-01C

PHOTOGRAPHED BY:
Nelson

SAMPLE ID# (if applicable)
N.A.

DESCRIPTION: View of site buildings from haul road on western portion of filled area.

DATE 4/9/86

TIME 1515 A.M. (P.M.)

DIRECTION: N NNE NE ENE
E ESE SE (SSE)
S SSW SW WSW
W WNW NW NNW

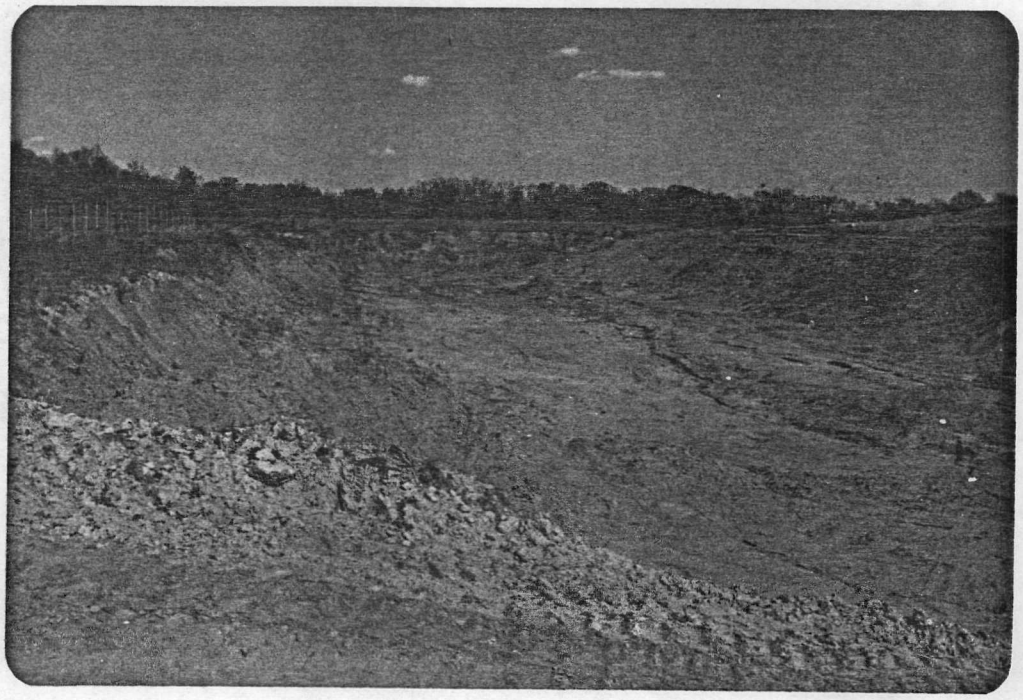
WEATHER sunny
mild 55°F

SITE Brighton I & II

TDD# 05-8410-01C

PHOTOGRAPHED BY:
Nelson

SAMPLE ID# (if applicable)
N.A.



DESCRIPTION: View of surface water containment area located at N corner of site.

FIELD PHOTOGRAPHY LOG SHEET

DATE 4/9/86

TIME 1513 A.M. (P.M.)

DIRECTION: N NNE NE ENE
E ESE SE SSE
(S) SSW SW WSW
W WNW NW NNW

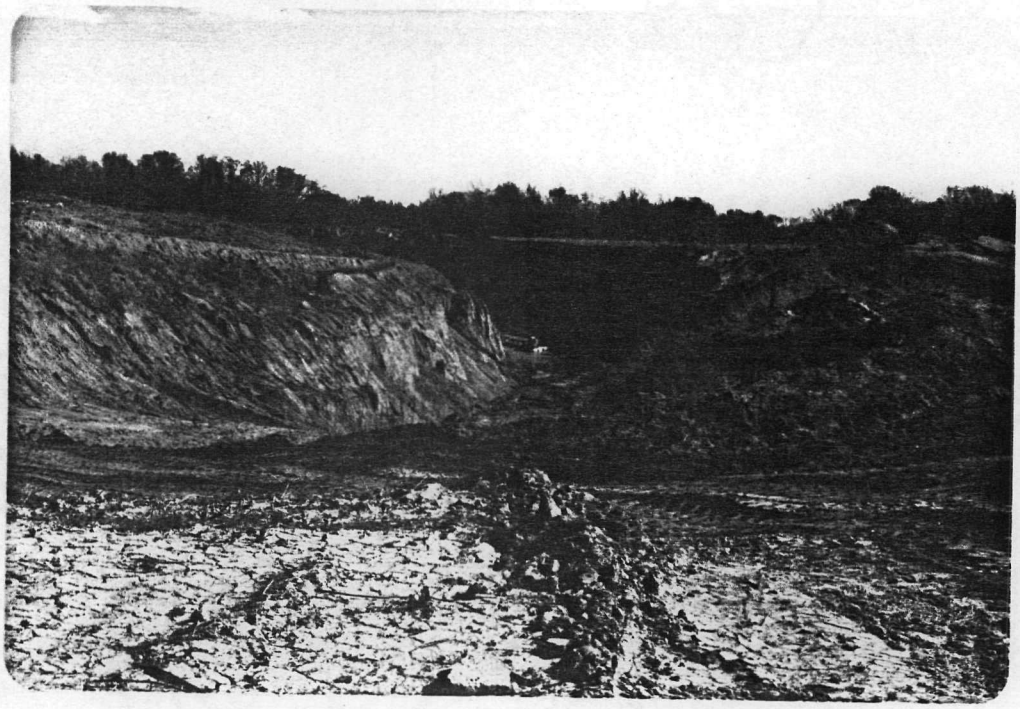
WEATHER sunny
mild 55°F

SITE Brighton I & II

TDD# 05-8410-01C

PHOTOGRAPHED BY:
Nelson

SAMPLE ID# (if applicable)
N.A.



DESCRIPTION: View of deep trench constructed in South western to the Western side of landfill #2. Proposed for use as waste disposal trench

DATE 4/9/86

TIME 1510 A.M. (P.M.)

DIRECTION: (N) NNE NE ENE
E ESE SE SSE
S SSW SW WSW
W WNW NW NNW

WEATHER sunny
mild 55°F

SITE Brighton I & II

TDD# 05-8410-01C

PHOTOGRAPHED BY:
Nelson

SAMPLE ID# (if applicable)
N.A.

DESCRIPTION: View of creek relocation project. Creek flowing through Northeast side of site is being diverted to prevent erosion of fill and potential leachate contamination of creek.

FIELD PHOTOGRAPHY LOG SHEET

DATE 4/9/86

TIME 1455 A.M. (P.M.)

DIRECTION: N NNE NE ENE
E ESE SE SSE
S SSW SW WSW
W WNW (NW) NNW

WEATHER sunny
mild 55°F

SITE Brighton I & II

TDD# 05-8410-01C

PHOTOGRAPHED BY:
Nelson

SAMPLE ID# (if applicable)
N.A.

DESCRIPTION: Shows Berm along relocated section of creek. Old creek bed is visible along treeline in left side of photo. Note fence to the right of relocated stream bed.

DATE 4/9/86

TIME 1445 A.M. (P.M.)

DIRECTION: N NNE (NE) ENE
E ESE SE SSE
S SSW SW WSW
W WNW NW NNW

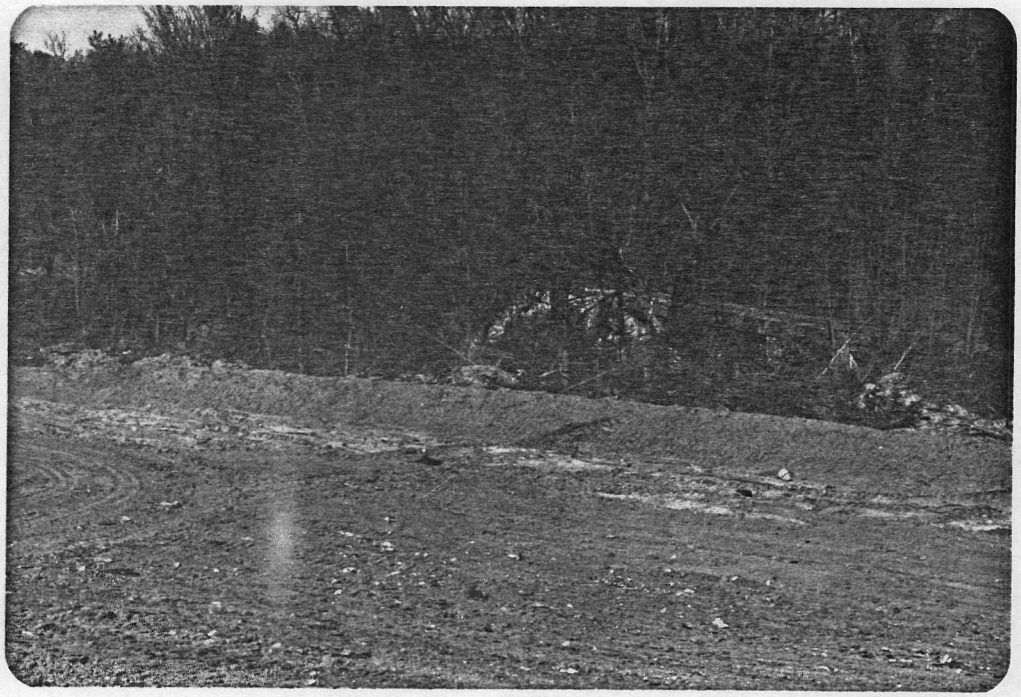
WEATHER sunny
mild 55°F

SITE Brighton I & II

TDD# 05-8410-01C

PHOTOGRAPHED BY:
Nelson

SAMPLE ID# (if applicable)
N.A.



DESCRIPTION: View of creek as it leaves Northeast corner of site. Photo shows berm constructed along creek to prevent site runnoff from entering stream.

DATE 4/9/86

TIME 0900 (A.M.) P.M.

DIRECTION: N NNE NE ENE
E ESE SE SSE
S SSW SW (WSW)
W WNW NW NNW

WEATHER sunny
mild 55°F

SITE Brighton I & II

TDD# 05-8410-01C

PHOTOGRAPHED BY:
Nelson

SAMPLE ID# (if applicable)
1W

DESCRIPTION: Photo shows well # 6123d near site enterance.

DATE 4/9/86

TIME 0900 (A.M.) P.M.

DIRECTION: N NNE NE ENE
E ESE SE SSE
S SSW SW (WSW)
W WNW NW NNW

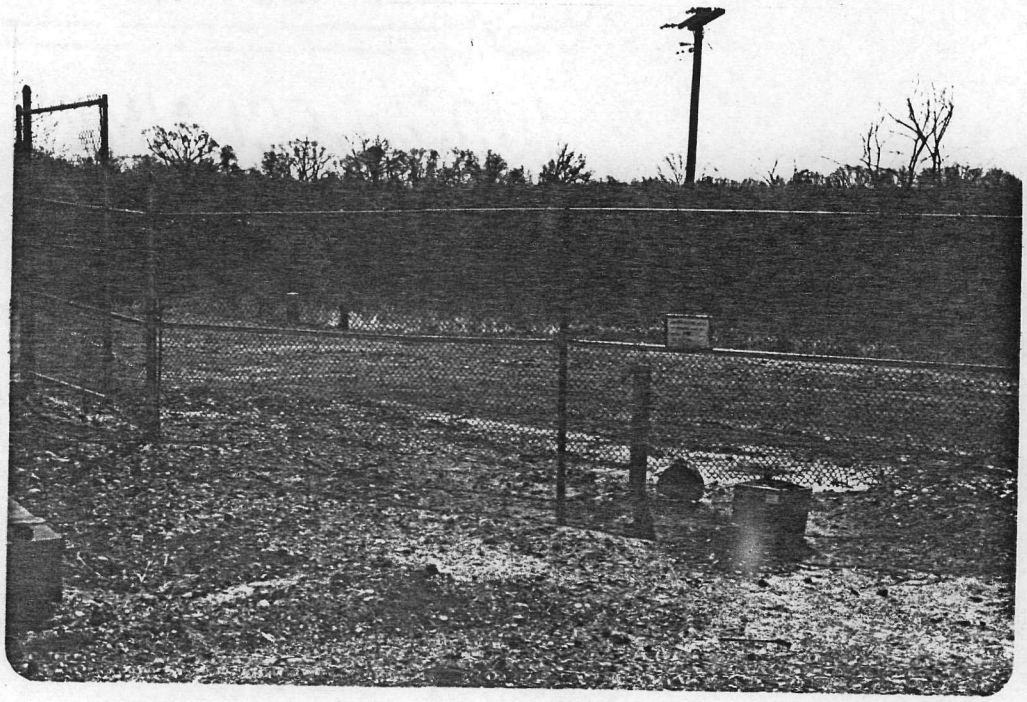
WEATHER sunny
mild 55°F

SITE Brighton I & II

TDD# 05-8410-01C

PHOTOGRAPHED BY:
Nelson

SAMPLE ID# (if applicable)
1W



DESCRIPTION: Same as above photo from ~20 ft.

FIELD PHOTOGRAPH LOG SHEET

DATE 4/9/86

TIME 0940 (A.M.) P.M.

DIRECTION: N NNE NE ENE
E ESE SE SSE
(S) SSW SW WSW
W WNW NW NNW

WEATHER sunny
mild 55°F

SITE Brighton I & II

TDD# 05-8410-01C

PHOTOGRAPHED BY:
Nelson

SAMPLE ID# (if applicable)
3W

DESCRIPTION: Well G 1345 located along Southern edge of site.

DATE 4/9/86

TIME 0940 (A.M.) P.M.

DIRECTION: N NNE NE ENE
E ESE SE SSE
(S) SSW SW WSW
W WNW NW NNW

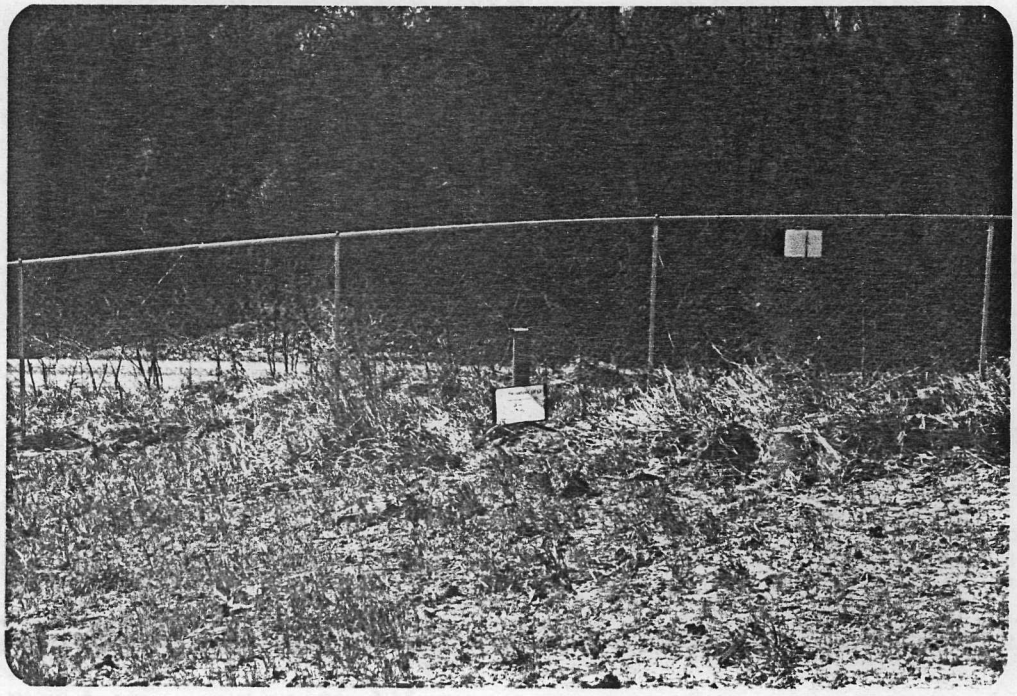
WEATHER sunny
mild 55°F

SITE Brighton I & II

TDD# 05-8410-01C

PHOTOGRAPHED BY:
Nelson

SAMPLE ID# (if applicable)
3W



DESCRIPTION: Same as above from ~20 ft.

FIELD PHOTOGRAPH LOG SHEET

DATE 4/9/86

TIME 0935 A.M. P.M.

DIRECTION: N NNE NE ENE
E ESE SE SSE
S SSW SW WSW
W WNW NW NNW

WEATHER sunny
mild 55°F

SITE Brighton I & II

TDD# 05-8410-01C

PHOTOGRAPHED BY:
Nelson

SAMPLE ID# (if applicable)
2W

DESCRIPTION: Well G133d located along southern edge of site.

DATE 4/9/86

TIME 0935 A.M. P.M.

DIRECTION: N NNE NE ENE
E ESE SE SSE
S SSW SW WSW
W WNW NW NNW

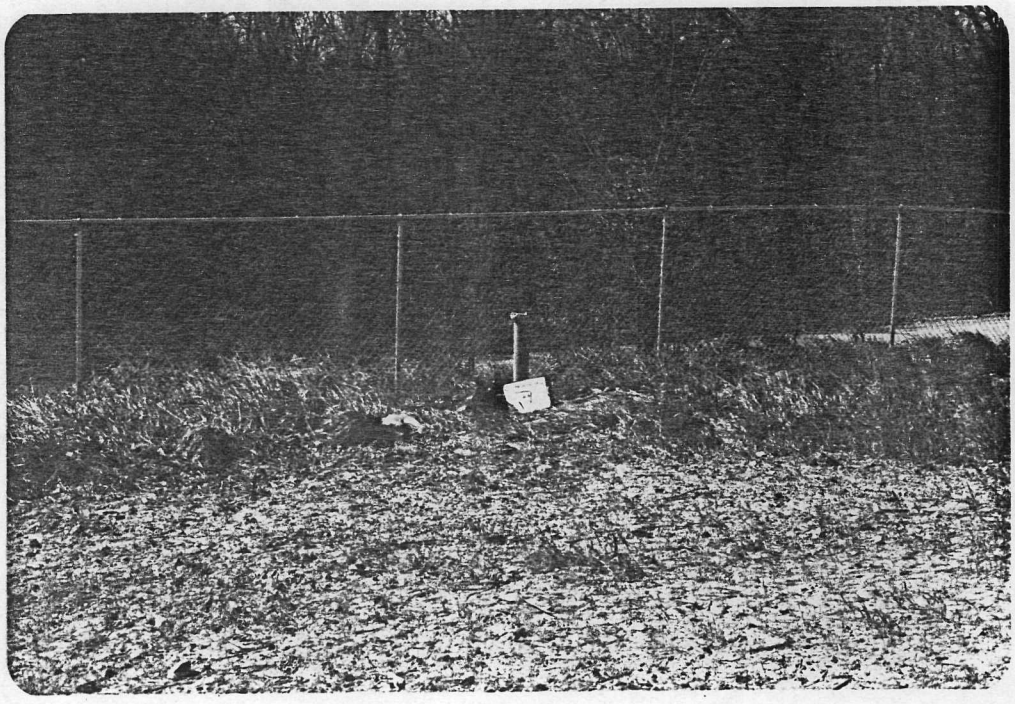
WEATHER sunny
mild 55°F

SITE Brighton I & II

TDD# 05-8410-01C

PHOTOGRAPHED BY:
Nelson

SAMPLE ID# (if applicable)
2W



DESCRIPTION: Same as above from ~25 ft.

FIELD PHOTOGRAPHY LOG SHEET

DATE 4/9/86

TIME 0910 (A.M.) P.M.

DIRECTION: N NNE NE ENE
E ESE SE (SSE)
S SSW SW WSW
W WNW NW NNW

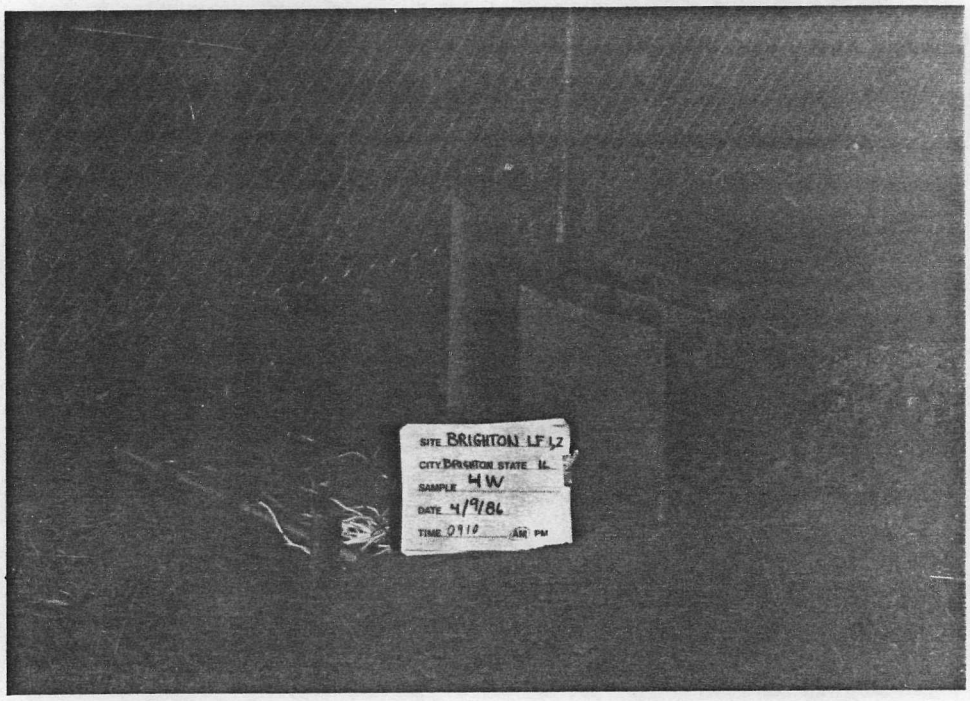
WEATHER Sunny, Mild 55°F

SITE Brighton I & II

TDD# 05-8410-01C

PHOTOGRAPHED BY: Nelson

SAMPLE ID# (if applicable) 4W



DESCRIPTION: Well #G115d located along southern site boundary.

DATE 4/9/86

TIME 0910 A.M. P.M.

DIRECTION: N NNE NE ENE
E ESE (SE) SSE
S SSW SW WSW
W WNW NW NNW

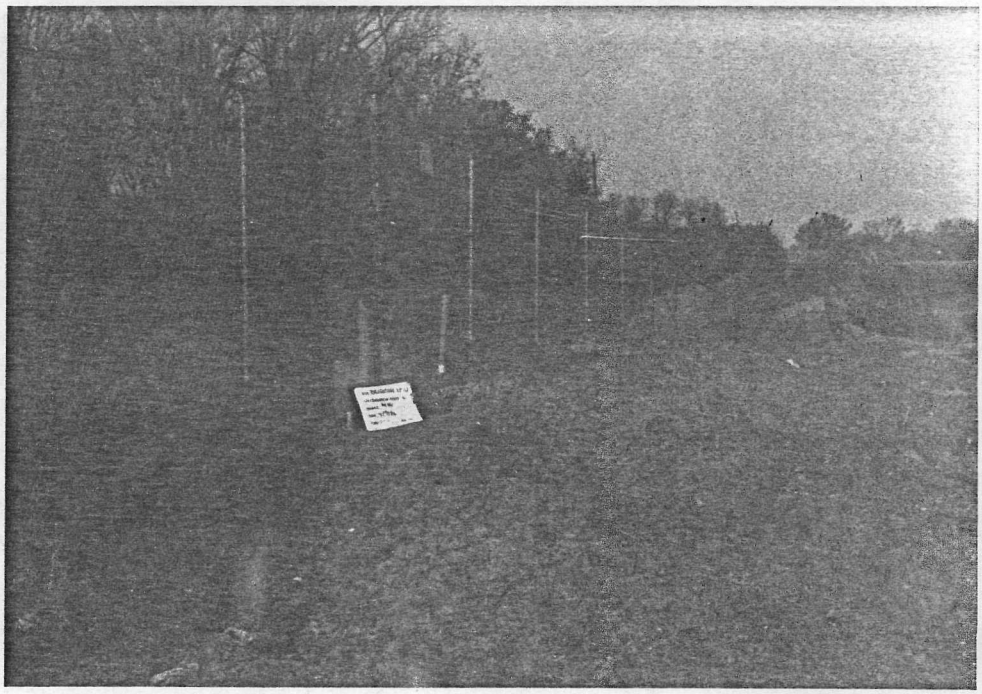
WEATHER Sunny, Mild 55°F

SITE Brighton I & II

TDD# 05-8410-01C

PHOTOGRAPHED BY: Nelson

SAMPLE ID# (if applicable) 4W



DESCRIPTION: Same as above from ~ 20 ft.

FIELD PHOTOGRAPH LOG SHEET

DATE 4/9/86

TIME 1020 (A.M.) P.M.

DIRECTION: N NNE NE ENE
E ESE (SE) SSE
S SSW SW WSW
W WNW NW NNW

WEATHER sunny
mild 55°F

SITE Brighton I & II

TDD# 05-8410-01C

PHOTOGRAPHED BY:
Nelson

SAMPLE ID# (if applicable)
5 W

DESCRIPTION: Well #G 124d located North west of site in farmed field.

DATE 4/9/86

TIME 1020 (A.M.) P.M.

DIRECTION: N NNE NE ENE
E (ESE) SE SSE
S SSW SW WSW
W WNW NW NNW

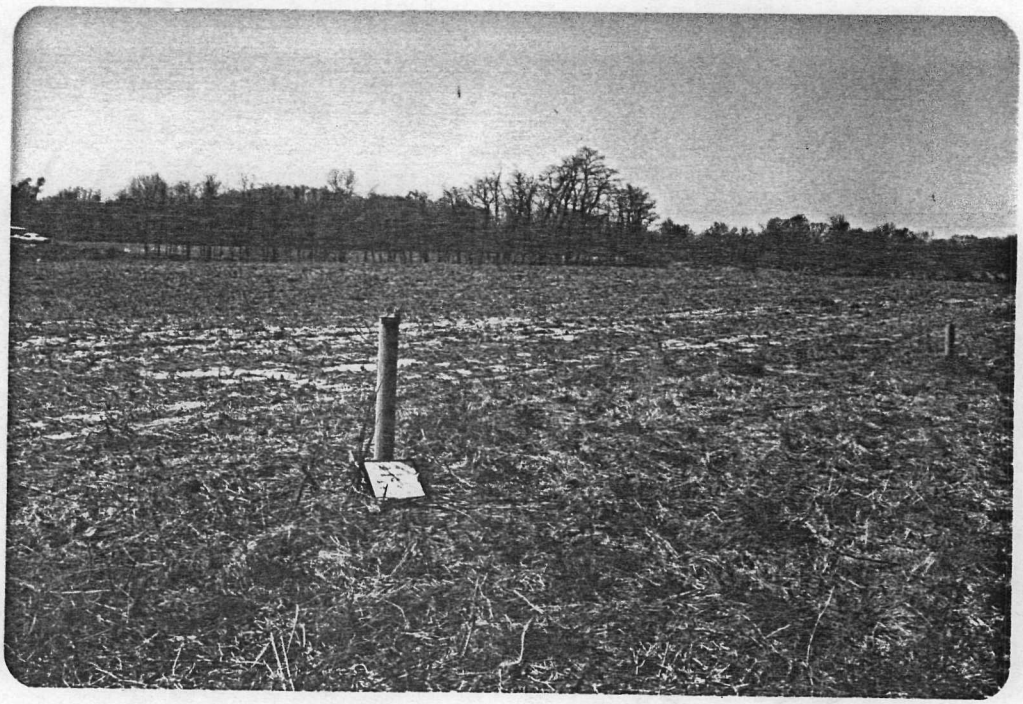
WEATHER sunny
mild 55°F

SITE Brighton I & II

TDD# 05-8410-01C

PHOTOGRAPHED BY:
Nelson

SAMPLE ID# (if applicable)
5 W



DESCRIPTION: Same as above from ~20 ft.

FIELD PHOTOGRAPH LOG SHEET

DATE 4/9/86

TIME 1035 (A.M.) P.M.

DIRECTION: N NNE (NE) ENE
E ESE SE SSE
S SSW SW WSW
W WNW NW NNW

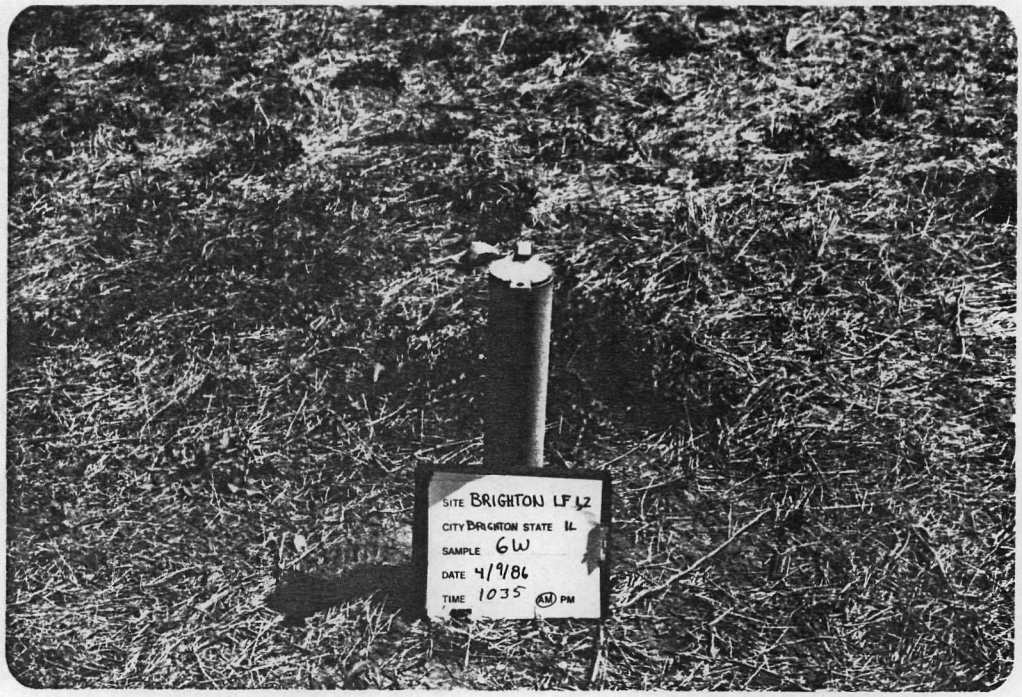
WEATHER sunny
mild 55°F

SITE Brighton I & II

TDD# 05-8410-01C

PHOTOGRAPHED BY:
Nelson

SAMPLE ID# (if applicable)
6 W



DESCRIPTION: Well #G 121 s located in farmed field Northwest of Site.

DATE 4/9/86

TIME 1035 (A.M.) P.M.

DIRECTION: N NNE (NE) ENE
E ESE SE SSE
S SSW SW WSW
W WNW NW NNW

WEATHER sunny
mild 55°F

SITE Brighton I & II

TDD# 05-8410-01C

PHOTOGRAPHED BY:
Nelson

SAMPLE ID# (if applicable)
6 W

DESCRIPTION: Same as above from ~ 25 ft.

DATE 4/9/86

TIME 1035 (A.M.) P.M.

DIRECTION: N NNE (NE) ENE
E ESE SE SSE
S SSW SW WSW
W WNW NW NNW

WEATHER sunny
mild 55°F

SITE Brighton I & II

TDD# 05-8410-01C

PHOTOGRAPHED BY:
Nelson

SAMPLE ID# (if applicable)
10 D (Duplicate of 6W)

DESCRIPTION: Well - G121 s located in farmed field Northwest of site.

DATE 4/9/86

TIME _____ A.M. P.M.

DIRECTION: N NNE NE ENE
E ESE SE SSE
S SSW SW WSW
W WNW NW NNW

WEATHER sunny
mild 55°F

SITE Brighton I & II

TDD# 05-8410-01C

PHOTOGRAPHED BY:
Nelson

SAMPLE ID# (if applicable)
10 D (Duplicate of 6W)

DESCRIPTION: Same as above from ~20 ft.

FIELD PHOTOGRAPH LOG SHEET

DATE 4/9/86

TIME 1030 (A.M.) P.M.

DIRECTION: N (NNE) NE ENE
E ESE SE SSE
S SSW SW WSW
W WNW NW NNW

WEATHER sunny
mild 55°F

SITE Brighton I & II

TDD# 05-8410-01C

PHOTOGRAPHED BY:
Nelson

SAMPLE ID# (if applicable)
7W

DESCRIPTION: Well #6128s located in the Northeast side of site
Near Creek

DATE 4/9/86

TIME 1030 (A.M.) P.M.

DIRECTION: N (NNE) NE ENE
E ESE SE SSE
S SSW SW WSW
W WNW NW NNW

WEATHER sunny
mild 55°F

SITE Brighton I & II

TDD# 05-8410-01C

PHOTOGRAPHED BY:
Nelson

SAMPLE ID# (if applicable)
7W

DESCRIPTION: Same as above from ~20 ft.

FIELD PHOTOGRAPHY LOG SHEET

DATE 4/9/86

TIME 1040 (A.M.) P.M.

DIRECTION: N NNE NE ENE
E ESE SE SSE
S (SSW) SW WSW
W WNW NW NNW

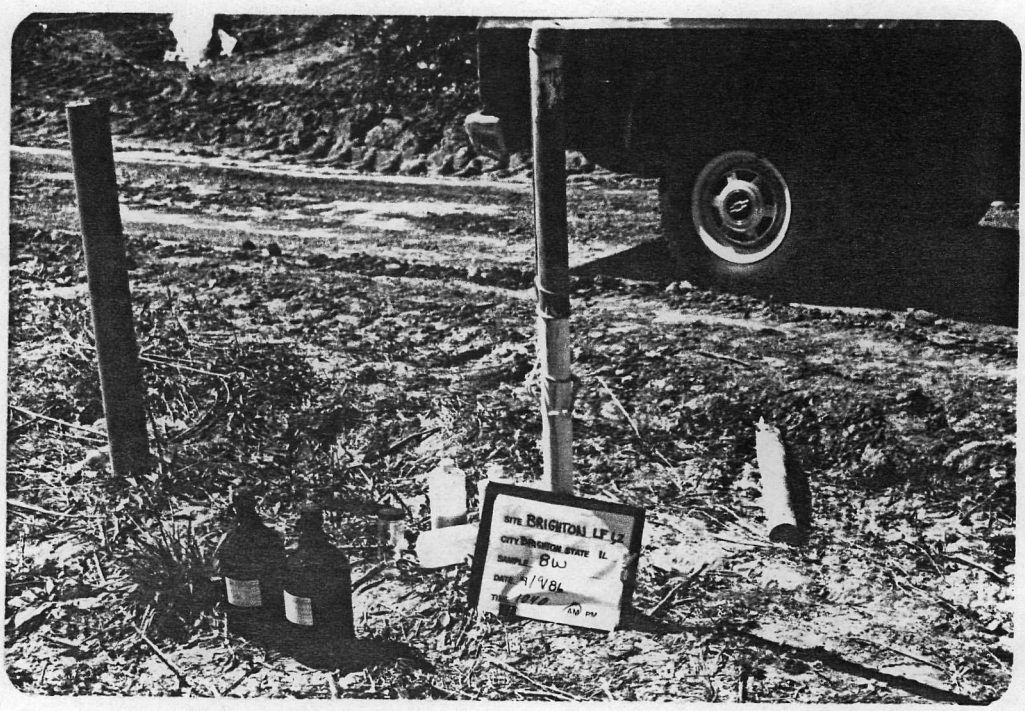
WEATHER sunny
mild 55°F

SITE Brighton I & II

TDD# 05-8410-01C

PHOTOGRAPHED BY:
Nelson

SAMPLE ID# (if applicable)
8 W



DESCRIPTION: Well #G104d located at Northeast Corner below filled area near Creek.

DATE 4/9/86

TIME 1040 (A.M.) P.M.

DIRECTION: N NNE NE ENE
E ESE SE SSE
S (SSW) SW WSW
W WNW NW NNW

WEATHER sunny
mild 55°F

SITE Brighton I & II

TDD# 05-8410-01C

PHOTOGRAPHED BY:
Nelson

SAMPLE ID# (if applicable)
8 W

DESCRIPTION: Same as above photo from ~20 ft.

FIELD PHOTOGRAPHY LOG SHEET

PAGE 13 of 18

DATE 4/9/86

TIME 1045 (A.M.) P.M.

DIRECTION: N NNE NE ENE
E ESE SE SSE
S SSW (SW) WSW
W WNW NW NNW

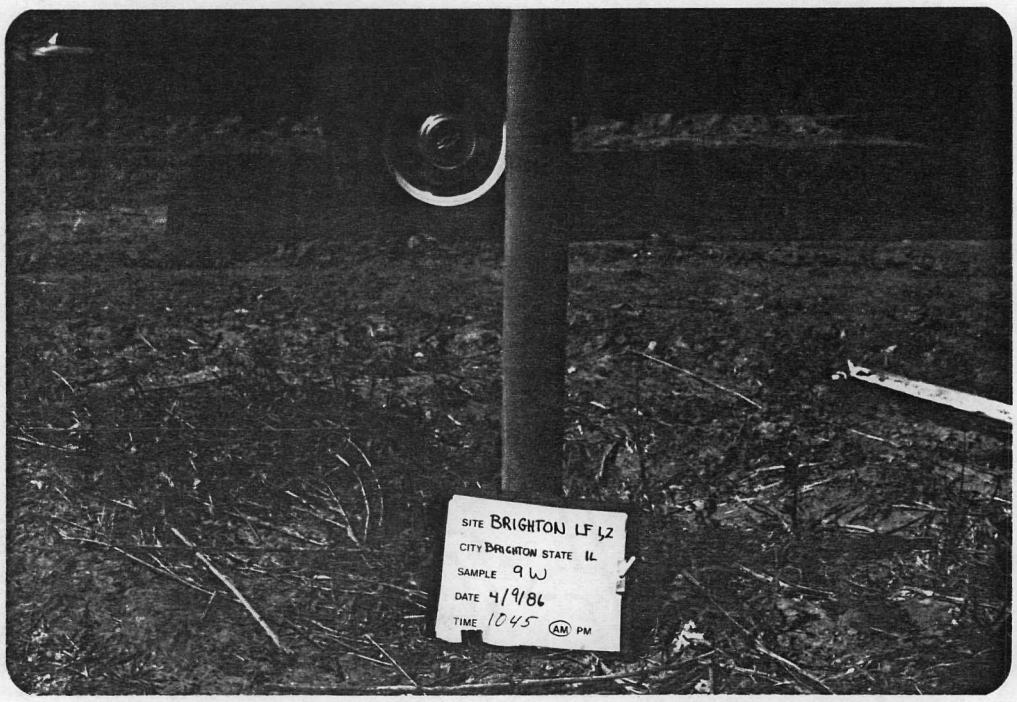
WEATHER sunny
mild 55°F

SITE Brighton I & II

TDD# 05-8410-01C

PHOTOGRAPHED BY:
Nelson

SAMPLE ID# (if applicable)
9W



DESCRIPTION: Well # G129s located at Northeast corner of filled area near creek.

DATE 4/9/86

TIME 1045 (A.M.) P.M.

DIRECTION: N NNE NE ENE
E ESE SE SSE
S SSW (SW) WSW
W WNW NW NNW

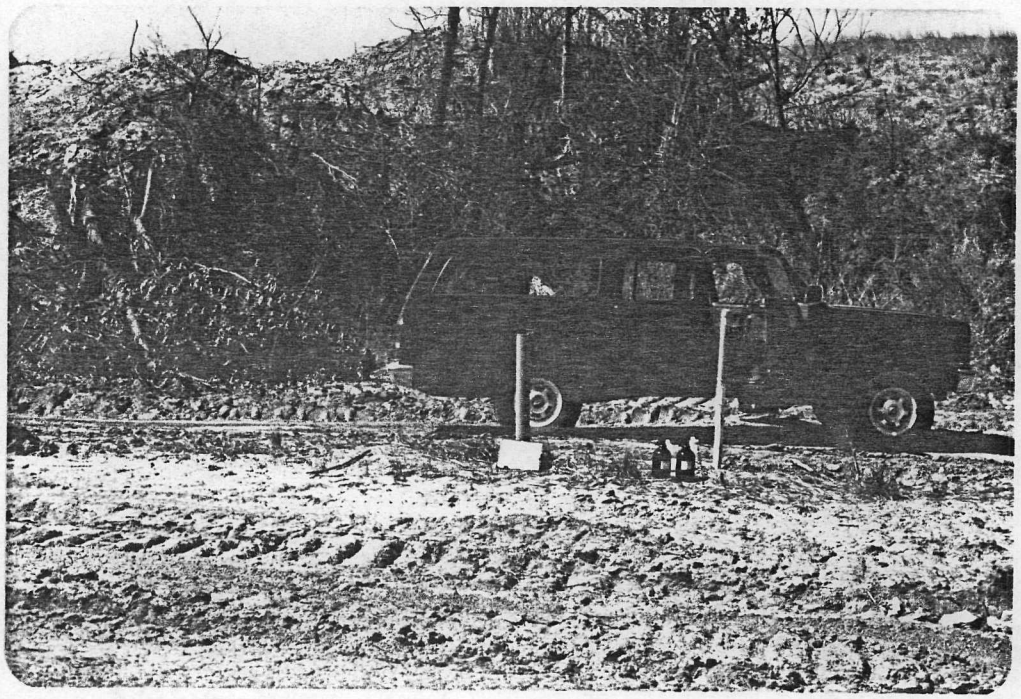
WEATHER sunny
mild 55°F

SITE Brighton I & II

TDD# 05-8410-01C

PHOTOGRAPHED BY:
Nelson

SAMPLE ID# (if applicable)
9W



DESCRIPTION: Same as above from ~ 20 ft.

INTRODUCTION TO DATA TABLES

A SUMMARY OF THE ANALYTICAL RESULTS FOR SAMPLES WHICH WERE TAKEN DURING FIELD ACTIVITIES CAN BE FOUND IN THE FOLOWING TABLES. ONLY DETECTABLE CONCENTRATIONS ARE REPORTED, HOWEVER, IF THE COMPOUND HAS A FOOTNOTE FOLLOWING THE VALUE, CONSULT THE DEFINITION OF THE FOOTNOTE PROVIDED BELOW. ADDITIONAL QA/QC INFORMATION IS PROVIDED IN THE ATTACHED DATA SHEETS.

I) REPORTING UNITS
- A) ORGANICS
  - 1) Water Samples - ug/l or ppb (parts per billion)
  - 2) Soils or Sediments - ug/kg or ppb (parts per billion)
- B) METALS
  - 1) Water Samples - ug/l or ppb
  - 2) Soils or sediments - mg/kg or ppm

II) DEFINITION OF FOOTNOTES TO ANALYTICAL DATA

A) ORGANICS

Footnote	Definition	Interpretation
UJ	Detection Limit (D.L.) is estimated because of a Quality Control (QC) protocol. D.L. is possibly above or below Contract Required Detection Limit (CRDL).	Compound was not detected
UB	Compound found in laboratory blank. No Value above CRDL.	Compound was not detected
UJB	Compound found in laboratory blank, but not detected in sample. CRDL is estimated because of a QC protocol.	Compound was not detected
B	Compound found in blank. Two interpretations are possible:	
	a) If sample value is equivalent to D.L. to 5x blank concentration	Compound value is semi-quantitative.
	b) If sample value is greater than 5x the blank concentration	Compound value is quantitative
JB	Compound found in blank, value is estimated because of QC protocol.	Compound value is semi-quantitative
R	Do Not Use Value. Major Violation of QC Protocol	Compound value is not usable.
C	Value adjusted for blank (an unacceptable procedure)	Compound value is semi-quantitative
J	Value is above CRDL and is an estimated value because of a QC protocol	Compound value is semi-quantitative
Q	No Analytical Result	Compound was not detected
N	Presumptive evidence for the presence of a compound as used for a Tentatively Identified Compound (TIC)	Compound value is semi-quantitative

B) METALS

FOOTNOTE	DEFINITION	INTERPRETATION
E	Estimated or not reported due to interference. See laboratory narrative.	Compound or element was not detected or value is semi-quantitative
s	Analysis by Method of Standard Additions (Look for a "+" Footnote)	Value is quantative
R	Spike recoveries outside QC protocols which indicates a possible matrix problem. Data may be biased high or low. See spike results and laboratory narrative.	Value may be quantitative or semiquantitative
*	Duplicate value outside QC protocols which indicates a possible matrix problem	Value is semiquantitative
+	Correlation coefficient for standard additions is less than 0.995. See review and laboratory narrative.	Data value is biased
[ ]	Value is real, but is above instrument D.L. and below CRDL	Value may be quantitative or semiquantitative
UJ	D.L. is estimated because of a QC protocol. D.L. is possibly above or below CRDL.	Compound or element was not detected
J	Value is above CRDL and is an estimated value because of a QC protocol.	Value is semiquantitative