SITE INSPECTION REPORT
FOR
WILLIAMS PIPELINE COMPANY
FRANKLIN PARK, ILLINOIS
ILD000673053
F05-8702-165

PAN #: FIL0503SB

NOVEMBER 2, 1987

US EPA RECORDS CENTER REGION 5
483551

#00545

SITE INSPECTION MEMO 1

2070 - 13 FORM 2

SITE MAPS 3

SITE PHOTOGRAPHS 4

Cardinal®

ecology and environment, inc.

111 WEST JACKSON BLVD., CHICAGO, ILLINOIS 60604, TEL. 312-663-9415

International Specialists in the Environment

MEMORANDUM

DATE: November 2, 1987

TO: File

FROM: Ted Wolff/Craig Carlson TW

SUBJECT: Illinois/F05-8702-165/FIL0503SB
Franklin Park/Williams Pipeline Company
ILD000673053

The Williams Pipeline Company site is a 43-acre property in Franklin Park, Illinois, Cook County (T.40N.,R.12E.,Sec.20). Williams Pipeline Company is a common carrier of leaded gasoline, unleaded gasoline, #1 and #2 fuel oil. The facility is comprised of two major buildings, two small storage buildings, and 15 storage tanks which are surrounded by containment dikes. In 1981, Williams Pipeline Company filed a 103(c) notification for the disposal of leaded tank bottoms. The site was originally identified by the Illinois Environmental Protection Agency in the form of a preliminary assessment submitted to the U.S. EPA.

Site history shows the facility has been a common carrier of refined petroleum products since 1935. Williams Pipeline Company purchased the terminal from Great Lakes Pipeline in 1966 and still operates the site to date. The site processes involve the receipt of fuels via a 12-inch petroleum pipeline which branches on-site to feed the various storage tanks. Fuel is loaded into trucks at the loading rack where displacement vapors are vented through a flare stack and are incinerated. Wastes from releases on-site are drained into either of two oil-water gravity separators. The wastewater is then discharged via two NPDES permitted outfalls while recaptured fuel is blended back into the storage tanks.

Between the years of 1935 and approximately 1978, leaded tank bottoms (K052) were apparently disposed of on-site in unlined trenches. The leaded tank bottoms are collected when the storage tanks are cleaned

recycled paper

approximately every 10 years. The site contains 15 storage tanks of various sizes as follows: two - 74,000 bbl, four - 52,000 bbl, eight - 25,000 bbl, and one - 2,500 bbl tank. Each tank is about 75 feet in diameter. When the tanks are cleaned, approximately 1/4 inch to 3 inches of leaded sludge is removed. Sludge removal prior to 1978 entailed pumping the leaded tank bottoms into an unlined trench and covering with backfill. Present operations include the transfer of sludges into holding tanks until off-site disposal takes place.

Past response activities include a violation of the NPDES permit in which Williams Pipeline Company exceeded oil and fecal coliform levels in surface water discharges. In addition, two fuel oil spills occurred, one in 1977 and the other in 1986. The volumes of these releases are unknown. No past action relating to the disposal or treatment of leaded tank bottom waste is documented.

On September 22, 1987, Ecology and Environment/FIT members performed a site inspection and interview with representatives of Williams Pipeline Company. No samples were taken, and site investigation activities followed work plan objectives. The 15 storage tanks enclosed in a diking system covered the majority of the site. There was gravel and paving around the office and loading buildings, and the rest of the site was heavily covered with vegetation. The facility terrain was gently sloping eastward towards Silver Creek which was observed to be covered with a layer of foamy brown debris. At the time of the inspection, the facility was fenced on all sides with the main gate located on a driveway off of Franklin Avenue. The area surrounding the site was primarily industrial, but some residences were located adjacent to the facility. The population within the 3-mile radius receives drinking water from two main sources. The communities of Bensenville and Elmhurst receive water from the Galesville Formation, a sandstone aquifer between 1500 and 1900 feet deep. The Galesville Formation is overlain by the Maquoketa Shale aquitard. The other towns and residences within 3 miles receive water from Lake Michigan via Chicago.

2

Cardinal®

EPA

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

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
IL	D000673053

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site)	02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER
WILLIAMS PIPELINE COMPANY	10601 FRANKLIN AVENUE

03 CITY	04 STATE	05 ZIP CODE	06 COUNTY	07 COUNTY CODE	08 CONG DIST
FRANKLIN PARK	IL	60131	COOK	031	06

09 COORDINATES: LATITUDE 41° 55' 30.0" | LONGITUDE 087° 50' 15.0"

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: 9, 22, 87 (MONTH DAY YEAR)

02 SITE STATUS: ■ ACTIVE ☐ INACTIVE

03 YEARS OF OPERATION: 1935 (BEGINNING YEAR) | PRESENT (ENDING YEAR) ___ UNKNOWN

04 AGENCY PERFORMING INSPECTION (Check all that apply): ☐ A. EPA ■ B. EPA CONTRACTOR ECOLOGY AND ENVIRONMENT / FIT (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
TED WOLFF	ECOLOGIST	E&E /FIT	(312) 663-9415

09 OTHER INSPECTORS	10 TITLE	11 ORGANIZATION	12 TELEPHONE NO.
CRAIG CARLSON	GEOLOGIST	E&E /FIT	(312) 663-9415
			( )
			( )
			( )
			( )

13 SITE REPRESENTATIVES INTERVIEWED	14 TITLE	15 ADDRESS	16 TELEPHONE NO
J. KENT MYERS	DISTRICT MGR.	2500 39TH AVE. NW, SUITE 246 MINNEAPOLIS, MN 55421	(612) 633-1555
JAMES McKINNY	AREA SUPERVISOR II	10601 FRANKLIN AVE. FRANKLIN PARK, IL 60131	(312) 455-1446
			( )
			( )
			( )
			( )

17 ACCESS GAINED BY (Check one)	18 TIME OF INSPECTION	19 WEATHER CONDITIONS
■ PERMISSION ☐ WARRANT	0800	CLOUDY, MID 60's

IV. INFORMATION AVAILABLE FROM

01 CONTACT	02 OF (Agency/Organization)	03 TELEPHONE NO.
MONTE NIENKIRK	IEPA - STATE SITE MANAGEMENT UNIT	(217) 782-6760

04 PERSON RESPONSIBLE FOR SITE INSPECTION FORM	05 AGENCY	06 ORGANIZATION	07 TELEPHONE NO.	08 DATE
TED WOLFF / CRAIG CARLSON	U.S. EPA	E&E /FIT	312/663-9415	9, 23, 87 (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	D000673053

II. WASTE STATES, QUANTITIES, AND CHARACTERISTICS

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 206 - 412 (See below)

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	206-412	yd^3	WHILE NO WASTE WAS OBSERVED ON SITE,
OLW	OILY WASTE			SITE REPRESENTATIVES ADMITTED TO THE
SOL	SOLVENTS			ON-SITE DISPOSAL OF LEADED TANK BOTTOMS
PSD	PESTICIDES			(K052). A ROUGH CALCULATION WAS USED
OCC	OTHER ORGANIC CHEMICALS			TO DETERMINE AN ESTIMATED WASTE
IOC	INORGANIC CHEMICALS			QUANTITY. TANKS WERE CLEANED ONCE PER
ACD	ACIDS			TEN YEARS OVER 40 YEARS. 15 TANKS AT
BAS	BASES			APPROXIMATELY 93 - 185 FT^3 / TANK / CLEANING
MES	HEAVY METALS			YIELDS 5562 - 11130 FT^3 OF SLUDGE.

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
SLU	LEADED TANK BOTTOMS	71-43-2	WASTES WERE DISPOSED OF		
OLW	INCLUDING CONSTITUENTS	100-41-4	IN TRENCHES AND BACK-	UNKNOWN	UNKNOWN
OCC	SUCH AS LEAD, IRON OXIDES,	108-88-3	FILLED WITH TOPSOIL		
	BENZENE, TOLUENE, ETHYL BENZENE,				
	AND XYLENES.				

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)

E&E / FIT SITE INSPECTION 9/22/87

FIT FILES

EPA FORM 2070-13 (7-81)

EPA

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

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
IL	D000673053

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ■ A. GROUNDWATER CONTAMINATION — 02 ☐ OBSERVED (DATE: _____) — ■ POTENTIAL — ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 60,400 — 04 NARRATIVE DESCRIPTION
POTENTIAL EXISTS FOR CONTAMINATION OF THE DEEP AQUIFER. BOTH TOWNS OF ELMHURST AND BENSENVILLE UTILIZE THE GALESVILLE FORMATION IN THIS AQUIFER FOR SOME OF THE MUNICIPAL WELLS. TWO WELLS, ONE FOR BENSENVILLE AND ONE FOR ELMHURST ARE LOCATED IN THE 3-MILE RADIUS AT 2.5 AND 2.7 MILES RESPECTIVELY. HOWEVER, THE GALESVILLE FORMATION IS OVERLAIN BY THE MAQUOKETA SHALE, A RELATIVELY IMPERMEABLE AQUITARD. THEREFORE, OVERALL POTENTIAL CONTAMINATION TO GROUNDWATER IS CONSIDERED TO BE LOW

01 ■ B. SURFACE WATER CONTAMINATION — 02 ☐ OBSERVED (DATE: _____) — ■ POTENTIAL — ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ — 04 NARRATIVE DESCRIPTION
POTENTIAL EXISTS FOR SURFACE WATER CONTAMINATION. WILLIAMS PIPELINE HAS TWO PERMITTED OUTFALLS INTO THE SILVER CREEK. THE SILVER CREEK FLOWS TO THE SOUTH ALONG THE SITES WESTERN BOUNDARY. TWO OTHER SURFACE WATER BODIES, THE DES PLAINES RIVER AND ADDISON CREEK BOTH FLOW WITHIN THE 2-MILE SITE RADIUS. HOWEVER, CONTAMINATION POTENTIAL OF THESE IS LOW DUE TO THE SITE SLOPE AND SLOPE OF THE SURROUNDING TERRAIN.

01 ■ C. CONTAMINATION OF AIR — 02 ☐ OBSERVED (DATE: _____) — ■ POTENTIAL — ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ — 04 NARRATIVE DESCRIPTION
DURING THE LOADING OF TRUCKS WITH PETROLEUM AND FUEL OILS, DISPLACEMENT VAPORS ARE VENTED THROUGH A FLARE STACK WHERE THE VAPORS ARE INCINERATED. THIS PROCESS IS PERMITTED.

01 ■ D. FIRE/EXPLOSIVE CONDITIONS — 02 ☐ OBSERVED (DATE: _____) — ■ POTENTIAL — ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ — 04 NARRATIVE DESCRIPTION
FIRE AND EXPLOSIVE CONDITIONS DO EXIST DUE TO THE NATURE OF THE PETROLEUM OPERATION. HOWEVER, THERE IS NO PAST RECORD OF ANY FIRES OR EXPLOSIONS. WILLIAMS PIPELINE IS EQUIPPED WITH INFRARED AND ULTRAVIOLET DETECTION SYSTEMS FOR FIRE AND EXPLOSION PREVENTION.

01 ☐ E. DIRECT CONTACT — 02 ☐ OBSERVED (DATE: _____) — ☐ POTENTIAL — ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ — 04 NARRATIVE DESCRIPTION
THE SITE COVERS APPROXIMATELY 40 ACRES IN A PREDOMINANTLY BUSINESS/RESIDENTIAL AREA. THE SITE PERIMETER IS COMPLETELY FENCED. ONE GATE ACCESS IS OPERATED BY AN AUTOMATIC CARD LOCK SYSTEM. THE PERIMETER IS LIGHTED AT NIGHT AND A SECURITY GUARD IS ON DUTY FROM 9PM TO 5AM. SINCE THE WASTE IS BURIED, DIRECT CONTACT POTENTIAL WHETHER PAST OR PRESENT IS NEGLIGIBLE.

01 ■ F. CONTAMINATION OF SOIL — 02 ☐ OBSERVED (DATE: _____) — ■ POTENTIAL — ☐ ALLEGED
03 AREA POTENTIALLY AFFECTED: _____ (Acres) — 04 NARRATIVE DESCRIPTION
POTENTIAL EXISTS FOR SOIL CONTAMINATION SINCE PAST DUMPING OF LEADED TANK BOTTOMS (K052) WAS DONE IN UNLINED TRENCHES. DISCOLORATION OF SOIL WAS NOTICED AT SEVERAL LOCATIONS. STAINED SOIL MAY HAVE BEEN A RESULT OF THE OIL SPILL IN NOVEMBER 1986.

01 ■ G. DRINKING WATER CONTAMINATION — 02 ☐ OBSERVED (DATE: _____) — ■ POTENTIAL — ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 60,400 — 04 NARRATIVE DESCRIPTION
SEE EXPLANATION UNDER (A.) GROUNDWATER CONTAMINATION.

01 ■ H. WORKER EXPOSURE/INJURY — 02 ☐ OBSERVED (DATE: _____) — ■ POTENTIAL — ☐ ALLEGED
03 WORKERS POTENTIALLY AFFECTED: 5 — 04 NARRATIVE DESCRIPTION
WILLIAMS PIPELINE EMPLOYS FIVE WORKERS FULL TIME. NO PREVIOUS WORKER EXPOSURE OR INJURY HAS BEEN REPORTED. POTENTIAL FOR EXPOSURE/INJURY DOES EXIST BUT SINCE THE CONTAMINANTS (K052) WERE BURIED THE RISK OF EXPOSURE/INJURY IS EXTREMELY LOW.

01 ■ I. POPULATION EXPOSURE/INJURY — 02 ☐ OBSERVED (DATE: _____) — ■ POTENTIAL — ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 60,400 — 04 NARRATIVE DESCRIPTION
SEE EXPLANATION (A.) AND (G.) ABOVE.

EPA

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

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
IL	D000673053

II. HAZARDOUS CONDITIONS AND INCIDENTS *(Continued)*

01 ■ J. DAMAGE TO FLORA — 02 ■ OBSERVED (DATE: 9-21-87) ☐ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION
STRESSED VEGETATION WAS OBSERVED AT SEVERAL LOCATIONS; HOWEVER, THIS APPEARS TO BE A RESULT OF BOTH THE 1986 OIL SPILL AND THE RECENT FLOODWATERS FROM SILVER CREEK. OVERALL, THE VEGETATION SEEMED TO BE HEALTHY.

01 ■ K. DAMAGE TO FAUNA — 02 ■ OBSERVED (DATE: 9-21-87) ☐ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION *(Include name(s) of species)* DAMAGE TO FAUNA WAS NOTED DURING THE ONSITE INSPECTION. ONE DEAD ANIMAL WHICH APPEARED TO BE A SPECIES OF WATERFOWL WAS OBSERVED ALONG THE BANK OF THE SILVER CREEK. THE DEAD FAUNA MAY HAVE BEEN A RESULT OF RECENT FLOODWATERS FROM THE SILVER CREEK. SITE REPRESENTATIVES NOTED THAT MANY SPECIES OF WILDLIFE ARE USUALLY PRESENT ON-SITE.

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

04 NARRATIVE DESCRIPTION
THERE IS NO AREA WITHIN THE 3-MILE RADIUS AVAILABLE FOR HUNTING, AND THE RIVERS AND CREEKS DO NOT HOST RECREATIONAL FISHING. THEREFORE, POTENTIAL CONTAMINATION OF THE FOOD CHAIN IS EXTREMELY LOW OR DOES NOT EXIST AT ALL.

01 ■ M. UNSTABLE CONTAINMENT OF WASTES *(Spills/Runoff/Standing liquids, Leaking drums)* — 02 ☐ OBSERVED (DATE:) ☐ POTENTIAL ■ ALLEGED

03 POPULATION POTENTIALLY AFFECTED:

04 NARRATIVE DESCRIPTION
PAST DISPOSAL PRACTICES INCLUDE THE PRESUMED DUMPING OF LEADED TANK BOTTOMS (K052) INTO UNLINED TRENCHES.

01 ☐ N. DAMAGE TO OFFSITE PROPERTY — 02 ☐ OBSERVED (DATE:) ☐ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION
NO DAMAGE TO OFFSITE PROPERTY HAS BEEN DOCUMENTED.

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

04 NARRATIVE DESCRIPTION
THERE IS LITTLE OR NO POTENTIAL FOR CONTAMINATION OF SEWERS, STORM DRAINS, OR WWTP'S.

01 ■ P. ILLEGAL/UNAUTHORIZED DUMPING — 02 ☐ OBSERVED (DATE:) ■ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION
PAST DISPOSAL PRACTICES INCLUDED THE DUMPING OF LEADED TANK BOTTOMS (K052) INTO UNLINED TRENCHES. HOWEVER, PRIOR TO THE 1970'S THIS WAS CONSIDERED COMMON PRACTICE.

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS N/A

III. TOTAL POPULATION POTENTIALLY AFFECTED: 60,400

IV. COMMENTS

SINCE 1935 WILLIAMS PIPELINE HAS BEEN A COMMON CARRIER OF PETROLEUM AND FUEL OILS. PRIOR TO ABOUT 1978, THE FACILITY WAS DISPOSING OF LEADED TANK BOTTOMS (K052) IN UNLINED TRENCHES ONSITE. THIS TYPE OF DISPOSAL HAS SINCE CEASED; HOWEVER, THE TOTAL WASTE VOLUME AND LOCATION OF TRENCHES ON-SITE IS UNKNOWN.

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

E&E/FIT SITE INSPECTION 9/22/87

FIT FILES

EPA

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

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
IL	D000673053

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	IL0045209	5/6/83	4/1/88	TWO PERMITTED DISCHARGES
☐ B. UIC				
■ C. AIR	NO NUMBER	6/7/78		PERMIT NUMBER IS UNKNOWN.
☐ D. RCRA				
☐ E. RCRA INTERIM STATUS				
■ F. SPCC PLAN	016824 3	1/87		STATE OF MINNESOTA
☐ G. STATE (Specify)				
■ H. LOCAL (Specify)	MSDGC - SEWERAGE PERMIT			PENDING
☐ I. OTHER (Specify)	COOK COUNTY OPERATION PERMIT			PENDING
☐ 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 (TRENCHES)	206 - 412	Yd^3
☐ 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)

05 OTHER

■ A. BUILDINGS ON SITE
4 BUILDINGS AND 2 STORAGE HOUSES

06 AREA OF SITE

~ 40 (Acres)

07 COMMENTS

NO INDICATION OF THE TRENCHES WERE OBSERVED AT THE FACILITY. HOWEVER, STRESSED VEGETATION AND OIL RESIDUES WERE NOTED AS A RESULT OF A NOVEMBER 1986 SPILL. IN ADDITION, AN OILY SUBSTANCE WAS OBSERVED FLOATING ON THE WATER SURFACE AND ALONG THE BANKS OF SILVER CREEK.

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.

LEADED TANK BOTTOMS WERE BURIED IN PRESUMABLY UNLINED TRENCHES ON-SITE. EACH TANK AREA WAS ADEQUATELY DIKED WITH TILED DRAINAGE DITCHES LEADING TO AN OIL-WATER SEPARATOR BEFORE ENTERING A PERMITTED DISCHARGE OUTFLOW. IT IS ASSUMED THAT TRENCHES WERE EXCAVATED WITHIN DIKED AREA.

V. ACCESSIBILITY

01 WASTE EASILY ACCESSIBLE: ☐ YES ■ NO

02 COMMENTS IN ADDITION TO THE WASTES BEING BURIED, THE FACILITY IS WELL SECURED WITH ALL FOUR SIDES BEING FENCED AND A SECURITY GUARD PRESENT ON-SITE.

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

E&E/FIT SITE INSPECTION 9/22/87

FIT FILES

EPA

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

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
IL	D000673053

II. DRINKING WATER SUPPLY

01 TYPE OF DRINKING SUPPLY (Check as applicable)

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

02 STATUS

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

03 DISTANCE TO SITE

A. ~2.5 (mi)
B. _____ (mi)

III. GROUNDWATER

01 GROUNDWATER USE IN VICINITY (Check one)

☐ A. ONLY SOURCE FOR DRINKING ■ B. DRINKING (Other sources available) COMMERCIAL, INDUSTRIAL, IRRIGATION (No other water sources available) ☐ C. COMMERCIAL, INDUSTRIAL, IRRIGATION (Limited other sources available) ☐ D. NOT USED, UNUSEABLE

02 POPULATION SERVED BY GROUND WATER 60,400

03 DISTANCE TO NEAREST DRINKING WATER WELL ~2.5 (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
(GLACIAL DEPOSITS) <100 (ft)	UNKNOWN	~1400 (ft)	>500 gpm (gpm)	☐ YES ■ NO

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

THE CITY OF ELMHURST AND THE VILLAGE OF BENSENVILLE EACH HAVE ONE OF SEVERAL MUNICIPAL WELLS WITHIN THE 3-MILE RADIUS. ALTHOUGH THE WATER FROM THESE WELLS IS BLENDED INTO THE PUBLIC SYSTEM, IT IS PRESUMED THAT THE COMMUNITIES COULD FUNCTION ON THEIR REMAINING WELLS ALONE. THE TWO WELLS ARE SET IN THE IRONTON-GALESVILLE SANDSTONE FORMATION AT DEPTHS OF ABOUT 1400 TO 1900 FEET. THE AQUIFER IS OVERLAIN BY THE MAQUOKETA SHALE CONFINING LAYER. THE IRONTON GALESVILLE UNIT SERVES THE COMBINED POPULATION OF ~60,400 PEOPLE.

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

IV. SURFACE WATER

01 SURFACE WATER USE (Check one)

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

02 AFFECTED/POTENTIALLY AFFECTED BODIES OF WATER

NAME:	AFFECTED	DISTANCE TO SITE
SILVER CREEK	☐	50' (mi)
DES PLAINES RIVER	☐	2.0 (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. ~17,500 (NO. OF PERSONS)	B. ~41,100 (NO. OF PERSONS)	C. ~64,200 (NO. OF PERSONS)

02 DISTANCE TO NEAREST POPULATION ~500' (mi)

03 NUMBER OF BUILDINGS WITHIN TWO (2) MILES OF SITE >1,000

04 DISTANCE TO NEAREST OFF-SITE BUILDING ~100' (mi)

05 POPULATION WITHIN VICINITY OF SITE (Provide narrative description of nature of population within vicinity of site, e.g., rural, village, densely populated urban area)

THE SITE IS LOCATED IN AN URBAN / INDUSTRIAL AREA. WHILE THE FACILITY IS WITHIN AN INDUSTRIAL SECTOR OF THE COMMUNITY, PRIVATE RESIDENCES ARE WITHIN ~500 FEET. ALSO, THE SITE IS ADJACENT TO CHICAGO'S O'HARE INTERNATIONAL AIRPORT. THE DENSELY POPULATED AREA IS INHABITED BY MORE THAN 60,000 PEOPLE.

EPA

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

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
IL	D006073053

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
~200 (ft)	UNKNOWN (ft)	UNKNOWN

06 NET PRECIPITATION	07 ONE YEAR 24 HOUR RAINFALL	08 SLOPE: SITE SLOPE	DIRECTION OF SITE SLOPE	TERRAIN AVERAGE SLOPE
3.75 (in)	2.4 (in)	0-1 %	EAST	0-1 %

09 FLOOD POTENTIAL

SITE IS IN <100 YEAR FLOODPLAIN

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

11 DISTANCE TO WETLANDS (5 acre minimum)

ESTUARINE: A. N/A (mi)

OTHER: B. N/A (mi)

12 DISTANCE TO CRITICAL HABITAT (of endangered species)

N/A (mi)

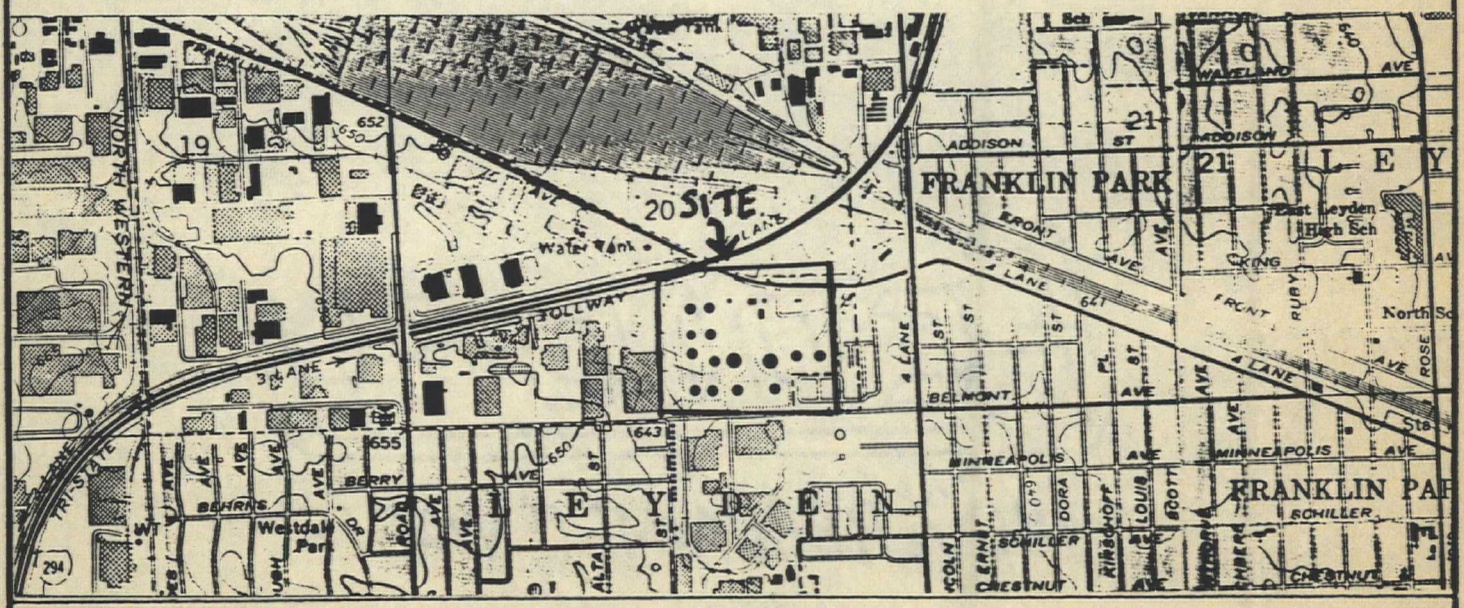
ENDANGERED SPECIES: NONE

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. 50' (mi)	B. 500' (mi)	C. N/A (mi)	D. N/A (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/FIT SITE INSPECTION 9/22/87

FIT FILES

USGS TOPOGRAPHIC MAP

EPA FORM 2070-13 (7-81)

EPA

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

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
IL	D 000673053

II. SAMPLES TAKEN NO SAMPLES WERE COLLECTED.

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
HNU	NO READINGS ABOVE BACKGROUND
O_2 METER (COMBINATION)	" " " "
EXPLOSIMETER (COMBINATION)	" " " "
RAD-MINI	" " " "

IV. PHOTOGRAPHS AND MAPS

01 TYPE ■ GROUND ☐ AERIAL

02 IN CUSTODY OF E&E/FIT FILES (Name of organization or individual)

03 MAPS ■ YES ☐ NO

04 LOCATION OF MAPS E&E/FIT 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/FIT SITE INSPECTION 9/22/87

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	D000673053

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
WILLIAMS PIPELINE COMPANY	1966- PRESENT	BOX 3448		TULSA	OK	74101

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
WILLIAMS COMPANIES		BOX 3448		TULSA	OK	74101

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
GREAT LAKES PIPELINE	1935-1966	UNKNOWN				

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)

E.E/FIT SITE INSPECTION 9/22/87
FIT 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	D000673053

II. CURRENT OPERATOR (Provide if different from owner) N/A

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
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
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)

E&E/FIT SITE INSPECTION 9/22/87

FIT FILES

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
IL	D000673053

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) SEE BELOW*

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)

*LEADED TANK BOTTOMS ARE NOW STORED IN LARGE STORAGE TANKS ON-SITE. AT A POINT IN TIME WHEN IT IS ECONOMICALLY ADVANTAGEOUS, THE FACILITY CONTRACTS A TRANSPORTER TO SHIP THE WASTES TO A PROCESSOR IN KANSAS CITY. WASTES ARE SEPARATED TO LIQUIDS AND SOLIDS AT THE K.C. FACILITY. SOLIDS ARE LANDFILLED, AND LIQUIDS ARE RECYCLED.

E&E ART SITE INSPECTION 9/22/87
FIT FILES

EPA

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

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
IL	D000673053

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 Nov. 1986 — 03 AGENCY IEPA
04 DESCRIPTION SOIL AND CONTAMINANTS WERE REMOVED AFTER A GASOLINE SPILL OCCURRED. FERTILIZER WAS APPLIED TO SPEED ORGANIC DECOMPOSITION.

01 ■ E. CONTAMINATED SOIL REMOVED — 02 DATE Nov. 1986 — 03 AGENCY IEPA
04 DESCRIPTION
SEE ABOVE "D"

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	D000673053

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)

GEE/FIT SITE INSPECTION 9/22/87
FIT FILES

EPA

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

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
IL	D000673053

II. ENFORCEMENT INFORMATION

01 PAST REGULATORY/ENFORCEMENT ACTION ☐ YES ■ NO

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

NONE.

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

E&E/FIT SITE INSPECTION 9/22/87

FIT FILES

EPA FORM 2070-13 (7-81)

IMMEDIATE REMOVAL ACTION CHECK SHEET

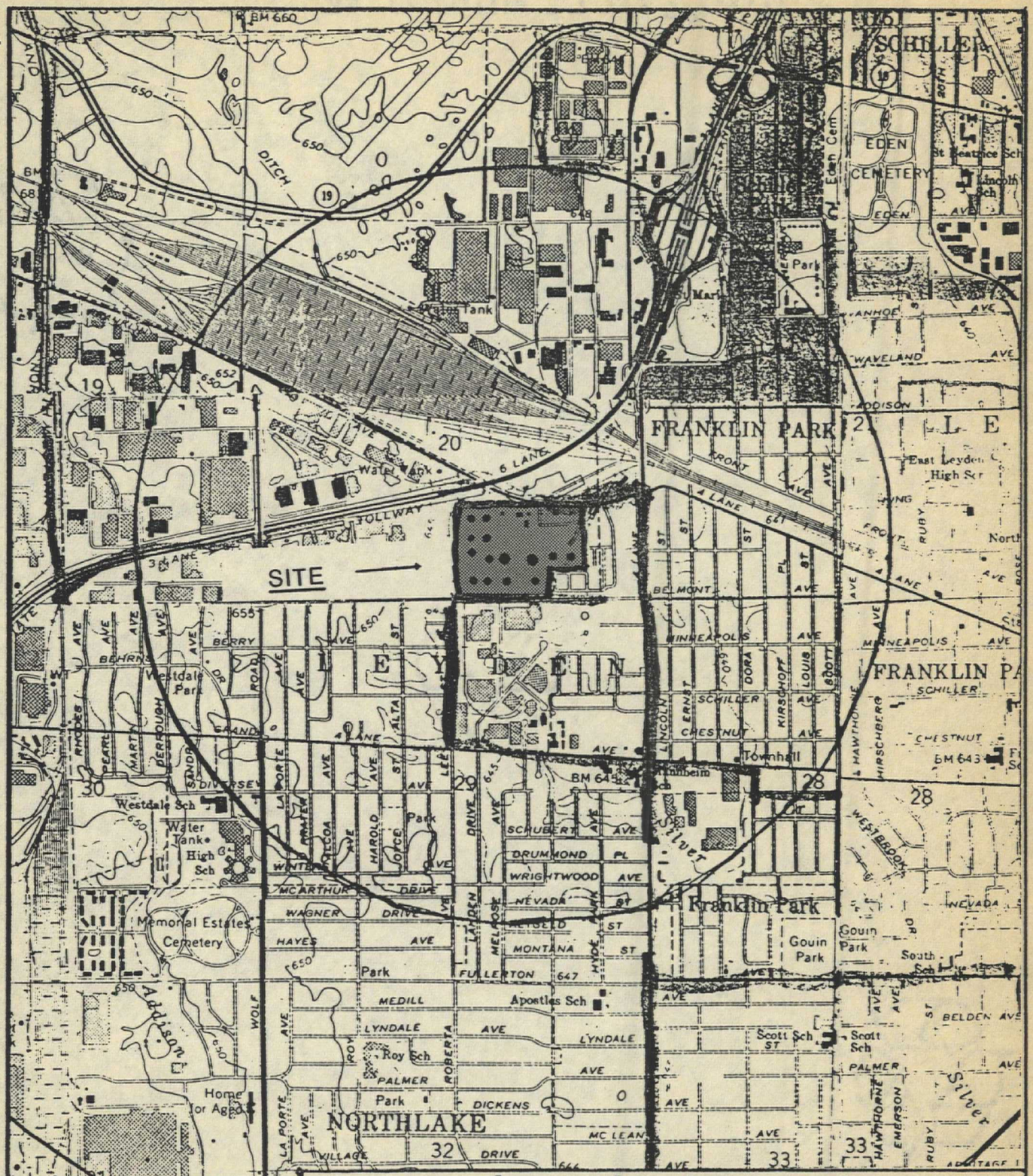
	High	Moderate	Low
Fire and Explosion Hazard			
Flammable Materials		✓	
Explosives			✓
Incompatable Chemicals			✓
Direct Contact with Acutely Toxic Chemicals			✓
Site Security			✓
Leaking Drums or Tanks			
Open Lagoons or pits		✓	
Materials on Surface		✓	
Proximity of Population		✓	
Evidence of Casual Site Use			✓
Contaminated Water Supply			
Exceeds 10 Day Snarl N/A			
Gross Taste or Odors			✓
Alternate Water Available			✓
Potential Contamination			✓
Is the site abandoned or active? SITE IS PRESENTLY ACTIVE AS COMMON CARRIER FACILITY FOR PETROLEUM PRODUCTS.			

Comments

ALTHOUGH IT IS PRESUMED THAT LEADED TANK BOTTOMS WERE BURIED ON-SITE, THERE WAS NO INDICATION OF WHERE WASTES MAY BE PRESENT. THE THREAT OF GROUNDWATER CONTAMINATION IS LOW, AND NO FURTHER ACTION IS SUGGESTED AT THIS TIME.

3

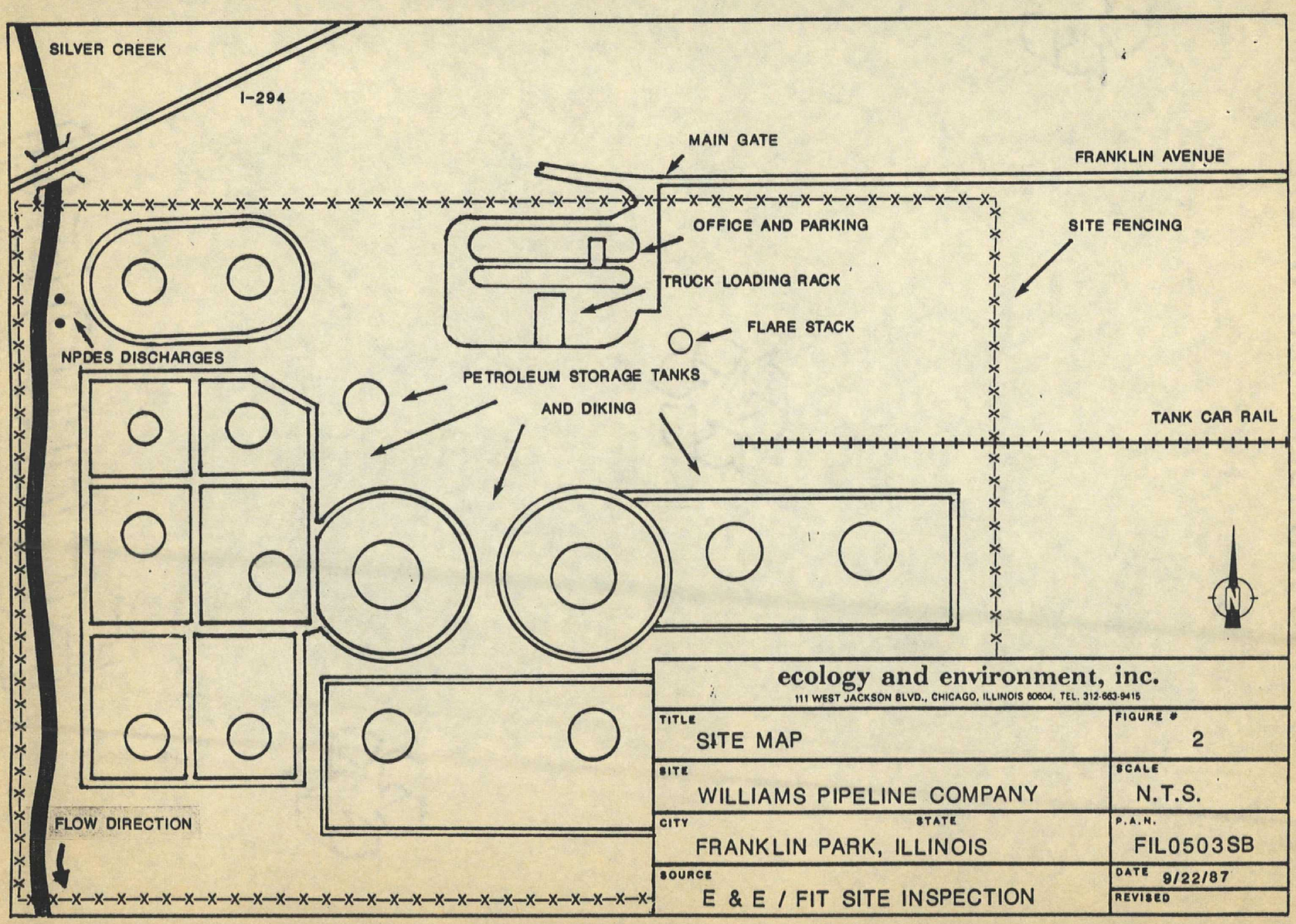
Cardinal®



ecology and environment, inc.

111 WEST JACKSON BLVD., CHICAGO, ILLINOIS 60604, TEL. 312-663-9415

TITLE: SITE MAP	FIGURE #: 1
SITE: WILLIAMS PIPELINE COMPANY	SCALE: 1:24,000
CITY / STATE: FRANKLIN PARK, ILLINOIS	TDD #: F05-8702-165
SOURCE: U.S.G.S. TOPOGRAPHIC MAP 7.5	DATE: 9/22/87
	REVISED:


SILVER CREEK
I-294
MAIN GATE
FRANKLIN AVENUE
OFFICE AND PARKING
SITE FENCING
TRUCK LOADING RACK
FLARE STACK
NPDES DISCHARGES
PETROLEUM STORAGE TANKS
AND DIKING
TANK CAR RAIL
FLOW DIRECTION
N
ecology and environment, inc.
111 WEST JACKSON BLVD., CHICAGO, ILLINOIS 60604, TEL. 312-663-9415
TITLE
SITE MAP
FIGURE #
2
SITE
WILLIAMS PIPELINE COMPANY
SCALE
N.T.S.
CITY
STATE
FRANKLIN PARK, ILLINOIS
P.A.N.
FIL0503SB
SOURCE
E & E / FIT SITE INSPECTION
DATE
9/22/87
REVISED

4

Cardinal®

FIELD PHOTOGRAPHY LOG SHEET

DATE 9/22/87

TIME 0920 A.M. P.M.

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

WEATHER Cloudy, mid 60's

SITE WNG PIPELINE

TDD# F05-8702-165

PHOTOGRAPHED BY: Wolff

SAMPLE ID# (if applicable)

DESCRIPTION: GAS FLARE STACK.

DATE 9/22/87

TIME 0925 A.M. P.M.

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

WEATHER Cloudy, mid 60's

SITE WNG PIPELINE

TDD# F05-8702-165

PHOTOGRAPHED BY: Wolff

SAMPLE ID# (if applicable)

DESCRIPTION: TRUCK LOADING RACK.

FIELD PHOTOGRAPHY LOG SHEET

DATE 9/22/87

TIME 0925 A.M. P.M.

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

WEATHER Cloudy, mid 60's

SITE WMS PIPELINE

TDD# F05-8702-165

PHOTOGRAPHED BY: Wolff

SAMPLE ID# (if applicable)

DESCRIPTION: TANK WITH DIKING AND SURFACE WATER.

DATE 9/22/87

TIME 0930 A.M. P.M.

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

WEATHER Cloudy, mid 60's

SITE WMS PIPELINE

TDD# F05-8702-165

PHOTOGRAPHED BY: Wolff

SAMPLE ID# (if applicable)

DESCRIPTION: TANK WITH DIKING AND SURFACE WATER

FIELD PHOTOGRAPHY LOG SHEET

DATE 9/22/87

TIME 0932 A.M. P.M.

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

WEATHER Cloudy, mid 60's

SITE Wms Pipeline

TDD# FOS-8702-165

PHOTOGRAPHED BY: Wolff

SAMPLE ID# (if applicable)

DESCRIPTION: OIL TANK WITH INDUSTRY IN BACKGROUND

DATE 9/22/87

TIME 0935 A.M. P.M.

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

WEATHER Cloudy, mid 60's

SITE Wms Pipeline

TDD# FOS-8702-165

PHOTOGRAPHED BY: Wolff

SAMPLE ID# (if applicable)

DESCRIPTION: TRUCK LOADING RACK WITH HIGHWAY IN BACKGROUND

FIELD PHOTOGRAPHY LOG SHEET

PAGE 4

DATE 9/22/87

TIME 0935 A.M. P.M.

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

WEATHER Cloudy, mid 60's

SITE Wms PIPELINE

TDD# F05-8702-165

PHOTOGRAPHED BY: Wolff

SAMPLE ID# (if applicable)

DESCRIPTION: REFURBISHING OF STORAGE TANK.

DATE 9/22/87

TIME 0936 A.M. P.M.

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

WEATHER Cloudy, mid 60's

SITE Wms PIPELINE

TDD# F05-8702-165

PHOTOGRAPHED BY: Wolff

SAMPLE ID# (if applicable)

DESCRIPTION: TANKS

FIELD PHOTOGRAPHY LOG SHEET

PAGE 5

DATE 9/22/87

TIME 0939 A.M. P.M.

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

WEATHER Cloudy, mid 60's

SITE Wm PIPELINE

TDD# F05-8702-115

PHOTOGRAPHED BY: WOLFF

SAMPLE ID# (if applicable)

DESCRIPTION: TANKS AND WETLAND AREA WITHIN DIKING.

DATE 9/22/87

TIME 0940 A.M. P.M.

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

WEATHER Cloudy, mid 60's

SITE Wm PIPELINE

TDD# F05-8702-115

PHOTOGRAPHED BY: WOLFF

SAMPLE ID# (if applicable)

DESCRIPTION: ABANDONED TANK.

FIELD PHOTOGRAPHY LOG SHEET

PAGE 6

DATE 9/22/87

TIME 0940 A.M. P.M.

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

WEATHER Cloudy, mid 60's

SITE Wm PIPELINE

TDD# F05-8702-165

PHOTOGRAPHED BY: Wolff

SAMPLE ID# (if applicable)

DESCRIPTION: PIPELINES FOR TANKS.

DATE 9/22/87

TIME 0942 A.M. P.M.

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

WEATHER Cloudy, mid 60s

SITE Wm PIPELINE

TDD# F05-8702-165

PHOTOGRAPHED BY: Wolff

SAMPLE ID# (if applicable)

DESCRIPTION: TANKS WITH RESIDENCES IN BACKGROUND BEHIND RETAINING WALL

FIELD PHOTOGRAPHY LOG SHEET

DATE 9/22/87

TIME 0942 A.M. P.M.

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

WEATHER Cloudy, mid 60's

SITE Wm Pipeline

TDD# F05-8702-165

PHOTOGRAPHED BY: Wolff

SAMPLE ID# (if applicable)

DESCRIPTION: TANKS WITH RESIDENTIAL AREA IN BACKGROUND

DATE 9/22/87

TIME 0944 A.M. P.M.

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

WEATHER Cloudy, mid 60's

SITE Wm Pipeline

TDD# F05-8702-165

PHOTOGRAPHED BY: Wolff

SAMPLE ID# (if applicable)

DESCRIPTION: DRAINS FOR DIKED AREAS AROUND TANKS

FIELD PHOTOGRAPHY LOG SHEET

DATE 9/22/87

TIME 0946 A.M. P.M.

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

WEATHER Cloudy, mid 60's

SITE Wms Pipeline

TDD# F05-8702-165

PHOTOGRAPHED BY: Wolff

SAMPLE ID# (if applicable)

DESCRIPTION: TANKS WITH DIKING AND PIPELINE.

DATE 9/22/87

TIME 0953 A.M. P.M.

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

WEATHER Cloudy, mid 60's

SITE Wms Pipeline

TDD# F05-8702-165

PHOTOGRAPHED BY: Wolff

SAMPLE ID# (if applicable)

DESCRIPTION: SILVER CREEK AND RAILROAD TRUSSES.

FIELD PHOTOGRAPHY LOG SHEET

DATE 9/22/87

TIME 0954 (A.M.) P.M.

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

WEATHER Cloudy, mid 60's

SITE Wm Pipeline

TDD# F05-8702-116

PHOTOGRAPHED BY: Wolff

SAMPLE ID# (if applicable)

DESCRIPTION: Drainage ditch for dikes area. Leads to creek.

DATE 9/22/87

TIME 0955 (A.M.) P.M.

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

WEATHER Cloudy, mid 60's

SITE Wm Pipeline

TDD# F05-8702-116

PHOTOGRAPHED BY: Wolff

SAMPLE ID# (if applicable)

DESCRIPTION: Steel tank with sediment and sludge on west side of site.

FIELD PHOTOGRAPHY LOG SHEET

PAGE 10

DATE 9/22/87

TIME 0957 A.M. P.M.

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

WEATHER Cloudy, mid 60's

SITE Wm Pipeline

TDD# F05-8702-165

PHOTOGRAPHED BY: Wolff

SAMPLE ID# (if applicable)

DESCRIPTION: Silver Creek downstream of NPDES discharges - note scum on water surface.

DATE 9/22/87

TIME 0958 A.M. P.M.

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

WEATHER Cloudy, mid 60's

SITE Wm Pipeline

TDD# F05-8702-165

PHOTOGRAPHED BY: Wolff

SAMPLE ID# (if applicable)

DESCRIPTION: Flood area with duck carcass in center of photo.

FIELD PHOTOGRAPHY LOG SHEET

PAGE 4

DATE 9/22/87

TIME 1004 A.M. P.M.

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

WEATHER Cloudy, mid 60's

SITE Wx Pipeline

TDD# FOS-8702-115

PHOTOGRAPHED BY: Wolff

SAMPLE ID# (if applicable)

DESCRIPTION: Oil water separators. #2 in foreground and #1 in background.

DATE 9/22/87

TIME 1004 A.M. P.M.

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

WEATHER Cloudy, mid 60's

SITE Wx Pipeline

TDD# FOS-8702-115

PHOTOGRAPHED BY: Wolff

SAMPLE ID# (if applicable)

DESCRIPTION: NPDES discharge pipe #2.

FIELD PHOTOGRAPHY LOG SHEET

PAGE 12

DATE 9/22/87

TIME 1004 A.M. P.M.

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

WEATHER Cloudy, mid 60's

SITE Wm Pipeline

TDD# F05-8702-115

PHOTOGRAPHED BY: Wolff

SAMPLE ID# (if applicable)

DESCRIPTION: NPDES Discharge Pipe #1.

DATE 9/22/87

TIME 1005 A.M. P.M.

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

WEATHER Cloudy, mid 60's

SITE Wm Pipeline

TDD# F05-8702-115

PHOTOGRAPHED BY: Wolff

SAMPLE ID# (if applicable)

DESCRIPTION: Close up of water oil separator #1.

FIELD PHOTOGRAPHY LOG SHEET

PAGE 13

DATE 7/22/87

TIME 1003 A.M. P.M.

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

WEATHER Cloudy, mid 60's

SITE Wes Maine

TDD# F05-8702-115

PHOTOGRAPHED BY: Wolff

SAMPLE ID# (if applicable)

DESCRIPTION: Area of November 1986 oil spill.

DATE

TIME A.M. P.M.

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

WEATHER

SITE

TDD#

PHOTOGRAPHED BY:

SAMPLE ID# (if applicable)

PHOTO

DESCRIPTION: