EPA Region 5 Records Ctr.
355865

INSPECTION REPORT
FOR
SHERWIN-WILLIAMS
Chicago, Illinois

ILD005456439

R05-8410-01

May 21, 1986

SITE INSPECTION MEMO 1

2070 - 13 FORM 2

SITE MAPS 3

SITE PHOTOGRAPHS 4

ANALYTICAL DATA 5

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

MEMORANDUM

DATE: May 20, 1986
TO: File
FROM: Kurt Sims K.S.
SUBJECT: Illinois/R05-8410-01/IL0314
Chicago/Sherwin-Williams
ILD005456439

Sherwin-Williams is a paint product manufacturer located on the south side of Chicago near Lake Calumet.

The site was originally identified by the IEPA in the form of a P.A. submitted to the USEPA.

Sherwin-Williams has two "surface impoundments" put in by a directive by the Metropolitan Sanitary District to neutralize their effluent PH. The MSD monitors their sewers.

Sherwin-Williams has submitted a withdrawal of the Part A application filed in 1980. All wastes are removed prior to the 90-day storage limit. At this time the company is still under RCRA Authority.

The area not covered by RCRA is the approximately 14 acres at the south end of the property. This is an old landfill.

FIT conducted an interview with site representatives and an on-site inspection. All monitoring equipment registered no reading above background.

recycled paper

The area had once been part of Lake Calumet and filling has taken place for 70-80 years. Sherwin-Williams has operated here since the late 1800's. No information is available on types of waste or quantities disposed of. In the present condition the site is a grassy flat field completely fenced and purposely graded toward the plant to direct runoff to the sewers.

Monitoring wells are located throughout the property and are sampled by the IEPA and Sherwin-Williams. Heavy metals and phenols have been detected.

A ditch along Frontage Rd. to the east and 119th St. to the south has an orange deposit that is likely due to the scrap yard and factory south of 119th St.

01D:2T

United States
Environmental Protection
Agency

Emergency and Remedial Response
Washington, DC 20460

Publication date
July, 1981

EPA

Potential Hazardous Waste Site

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
IL	D005456439

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site)	02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER
SHERWIN-WILLIAMS	11541 S. CHAMPLAIN AVE.

03 CITY	04 STATE	05 ZIP CODE	06 COUNTY	07 COUNTY CODE	08 CONG DIST
CHICAGO	IL	60628	COOK	031	8

09 COORDINATES LATITUDE	LONGITUDE
41° 40' 05.8	087° 36' 02.2

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
5 / 1 / 86 (MONTH DAY YEAR)	☒ ACTIVE ☐ INACTIVE	1911 / PRESENT (BEGINNING YEAR / ENDING YEAR) ___ UNKNOWN

04 AGENCY PERFORMING INSPECTION (Check all that apply): ☐ A. EPA ☒ B. EPA CONTRACTOR ECOLOGY & ENVIRONMENT (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
KURT SIMS	GEOLOGIST	ECOLOGY & ENVIRONMENT	(312) 663-9415

09 OTHER INSPECTORS	10 TITLE	11 ORGANIZATION	12 TELEPHONE NO.
BRUCE MACK	GEOHYDROLOGIST	"	( ) "
			( )
			( )
			( )
			( )

13 SITE REPRESENTATIVES INTERVIEWED	14 TITLE	15 ADDRESS	16 TELEPHONE NO
ROBERT MARTIN S-W	DIRECTOR	11541 S. CHAMPLAIN	(312) 821-3102
C. DARYL BAKER PMC	ENVIRONMENTAL SPECIALIST	735 E. 115th ST	(312) 660-4016
DONALD REHOR S-W	SITE MANAGER	11541 S. CHAMPLAIN	(312) 821-3044
			( )
			( )
			( )

17 ACCESS GAINED BY (Check one)	18 TIME OF INSPECTION	19 WEATHER CONDITIONS
☒ PERMISSION ☐ WARRANT	10 AM	CLEAR - 20 MPH WIND & 55°F

IV. INFORMATION AVAILABLE FROM

01 CONTACT	02 OF (Agency/Organization)	03 TELEPHONE NO.
DON JOSIF	U.S.E.P.A.	(312) 886-0393

04 PERSON RESPONSIBLE FOR SITE INSPECTION FORM	05 AGENCY	06 ORGANIZATION	07 TELEPHONE NO.	08 DATE
KURT SIMS	USEPA FIT	ECOLOGY & ENVIRONMENT	312-663-9415	5 / 1 / 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	D 005456439

II. WASTE STATES, QUANTITIES, AND CHARACTERISTICS

01 PHYSICAL STATES (Check all that apply)

- [x] A SOLID
- [ ] B POWDER, FINES
- [x] C SLUDGE
- [ ] D OTHER _____ (Specify)
- [ ] E SLURRY
- [x] F LIQUID
- [ ] G GAS

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

TONS _____
CUBIC YARDS UNK
NO. OF DRUMS _____

03 WASTE CHARACTERISTICS (Check all that apply)

- [x] A TOXIC
- [ ] B CORROSIVE
- [ ] C RADIOACTIVE
- [x] 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			
PSD	PESTICIDES			
OCC	OTHER ORGANIC CHEMICALS			
IOC	INORGANIC CHEMICALS			
ACD	ACIDS			
BAS	BASES			
MES	HEAVY METALS	UNK	DETECTED	IN MW's

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
MES	BARIUM		UNK	1.1	MG/L
	PHENOLS		UNK	2.4	mg/l

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)

- interview with Co. representatives 5-1-86
- sampling results, IEPA & Sherwin-Williams data.
- E&E 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: IL
02 SITE NUMBER: D005456439

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A. GROUNDWATER CONTAMINATION — 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 0
04 NARRATIVE DESCRIPTION
POSSIBLE MOVEMENT OF CONTAMINANTS INTO THE GROUNDWATER. PHENOLS & HEAVY METALS DETECTED IN MONITORING WELLS.

01 ☒ B. SURFACE WATER CONTAMINATION — 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: ~3000
04 NARRATIVE DESCRIPTION
LAKE CALUMET, WITHIN 300 FT. OF OLD DUMPS. CO. HAS WORKED AT GRADING SITE TO DRAIN TO SEWERS ON PROPERTY.

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

01 ☐ D. FIRE/EXPLOSIVE CONDITIONS — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____
04 NARRATIVE DESCRIPTION
NO EXPLOSIVE OR FLAMMABLE CONDITIONS REPORTED OR OBSERVED

01 ☐ E. DIRECT CONTACT — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 0
04 NARRATIVE DESCRIPTION
SITE IS COMPLETELY FENCED WITH LOCKED GATES.

01 ☒ F. CONTAMINATION OF SOIL — 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 AREA POTENTIALLY AFFECTED: ~13 (Acres)
04 NARRATIVE DESCRIPTION
AREA IS MOSTLY OLD FILL (ROCKS, CONCRETE, STONE etc) SOIL MAY BE CONTAMINATED. NO INFO AVAILABLE ABOUT WHAT WAS DUMPED.

01 ☒ G. DRINKING WATER CONTAMINATION — 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 0
04 NARRATIVE DESCRIPTION
AQUIFER USEABLE BUT NOT USED. CHICAGO WATER SYSTEM SUPPLIED FROM LAKE MICHIGAN.

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: 0
04 NARRATIVE DESCRIPTION
SITE COVERED AND COMPLETELY FENCED IN.

EPA

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

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
IL	D005456439

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
NONE OBSERVED OR REPORTED

01 ☐ K. DAMAGE TO FAUNA — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION (Include name(s) of species)
NONE NOTED OR 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: ~1000 — 04 NARRATIVE DESCRIPTION
UNKNOWN LEVEL OF CONTAINMENT IN OLD DUMP AREA,

01 ☐ N. DAMAGE TO OFFSITE PROPERTY — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
NONE REPORTED OR OBSERVED

01 ☒ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs — 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
DRAINAGE OF SURFACE RUNOFF TO SEWERS AND THEN TO EQUALIZATION (PH) PONDS PRIOR TO RELEASE TO MSD SEWERS

01 ☒ P. ILLEGAL/UNAUTHORIZED DUMPING — 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
PRIOR TO FENCING OF OLD FILL SITE UNAUTHORIZED DUMPING OF TRASH TOOK PLACE. SITE IS NOW INACCESSABLE.

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS
NONE OBSERVED

III. TOTAL POPULATION POTENTIALLY AFFECTED: ~3000

IV. COMMENTS
SURROUNDING SITES(s) HAVE RUNOFF PROBLEMS TO DITCH ALONG S. & E. PROPERTY LINES,

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)
- INTERVIEW WITH SITE REPRESENTATIVES 5-1-86
- E & E FILES
- ON-SITE INSPECTION 5-1-86

EPA

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

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
IL	D005456439

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	PERMITS FOR ALL STACKS			
☒ D. RCRA	WITHDRAWAL FILED AUG. 30, 1985			
☐ E. RCRA INTERIM STATUS				
☐ F. SPCC PLAN				
☒ G. STATE (Specify)	AIR PERMITS AS ABOVE			
☒ H. LOCAL (Specify)	ALL CITY (MSD)	PERMITS	IN COMPLIENCE	
☐ 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		
☐ 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) neutralize PH

05 OTHER

☐ A. BUILDINGS ON SITE: 0

06 AREA OF SITE: ~13 (Acres)

07 COMMENTS

OWNERS INSIST NON-TSD STATUS. ALL HAZARDOUS MATERIALS CONTAINERIZED & SHIPPED OFF-SITE BEFORE 90-DAY LIMIT.

IV. CONTAINMENT

01 CONTAINMENT OF WASTES (Check one) UNKNOWN

☐ A. ADEQUATE, SECURE ☐ B. MODERATE ☐ C. INADEQUATE, POOR ☐ D. INSECURE, UNSOUND, DANGEROUS

02 DESCRIPTION OF DRUMS, DIKING, LINERS, BARRIERS, ETC.

OLD FILL AREA INFORMATION VERY LIMITED. NO RECORD OF LINERS. RECENT GRADING TO DRAIN SURFACE WATER TOWARD SEWERS.

V. ACCESSIBILITY

01 WASTE EASILY ACCESSIBLE: ☐ YES ☒ NO

02 COMMENTS

SITE COMPLETELY FENCED IN, GATES ALL LOCKED.

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

- ON-SITE INSPECTION & INTERVIEW 5-1-86
- E & E FILES

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 6 - WATER, DEMOGRAPHIC, AND ENVIRONMENTAL DATA

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
IL	D005456439

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. > 3 (mi)
B. > 3 (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 0

03 DISTANCE TO NEAREST DRINKING WATER WELL > 3 (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
3 (ft)	SE	~ 3-6 (ft)	(gpd)	☐ YES ☒ NO

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

NO WELLS IN THIS AREA

10 RECHARGE AREA

☐ YES
☒ NO

COMMENTS SURFACE RUNOFF TO SEWERS

11 DISCHARGE AREA

☒ YES
☐ NO

COMMENTS LAKE CALUMET ~300 FT. EAST.

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
LAKE CALUMET	☐	~300-400 FT.
LITTLE CALUMET 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. ~13,000 NO. OF PERSONS	B. ~65,000 NO. OF PERSONS	C. ~130,000 NO. OF PERSONS

02 DISTANCE TO NEAREST POPULATION 0.4 (mi)

03 NUMBER OF BUILDINGS WITHIN TWO (2) MILES OF SITE ~20,000

04 DISTANCE TO NEAREST OFF-SITE BUILDING < 100 FT.

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 DIRECTLY ADJACENT SITE IS INDUSTRIAL AND SURFACE WATER (LAKE CALUMET), HEAVY DENSITY URBAN RESIDENTIAL WITHIN A HALF MILE.

EPA

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

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
IL	D005456439

VI. ENVIRONMENTAL INFORMATION

01 PERMEABILITY OF UNSATURATED ZONE (Check one) SILTY CLAY

☐ 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) LIMST / DOLOMITE

☐ 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
70-110 (ft)	UNK (ft)	UNK

06 NET PRECIPITATION	07 ONE YEAR 24 HOUR RAINFALL	08 SLOPE: SITE SLOPE	DIRECTION OF SITE SLOPE	TERRAIN AVERAGE SLOPE
2.0 (in)	2.5 (in)	0-2 %	NW	0-2 %

09 FLOOD POTENTIAL NO

SITE IS IN _____ YEAR FLOODPLAIN

10 NO

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

11 DISTANCE TO WETLANDS (5 acre minimum)

ESTUARINE: A. NA (mi)

OTHER: B. ~2 (mi)

12 DISTANCE TO CRITICAL HABITAT (of endangered species)

NA _____ (mi)

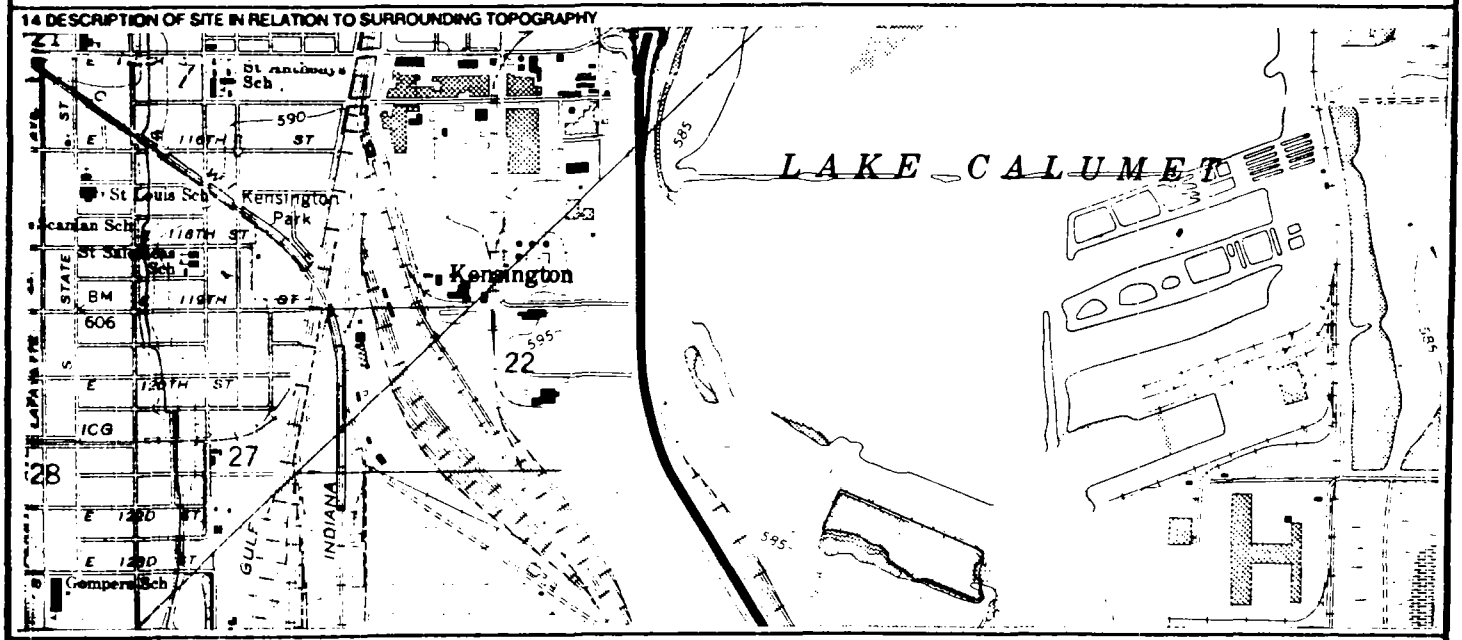
ENDANGERED SPECIES: _____

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. < 200 FT	B. 0.4 (mi)	C. > 3 (mi)	D. > 3 (mi)

14 DESCRIPTION OF SITE IN RELATION TO SURROUNDING TOPOGRAPHY



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

- MONITORING WELL LOGS, Sherwin-Williams 1982-83 INSTALLATION
- Environmental Assessment SCA Chemical Services Co. / Chi. Lake Calumet 1980

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	D005456439

II. SAMPLES TAKEN

SAMPLE TYPE	01 NUMBER OF SAMPLES TAKEN	02 SAMPLES SENT TO	03 ESTIMATED DATE RESULTS AVAILABLE
GROUNDWATER		NO	
SURFACE WATER		SAMPLING	
WASTE		BY	
AIR		F.I.T.	
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 ECOLOGY & ENVIRONMENT, INC.
(Name of organization or individual)

03 MAPS ☒ YES ☐ NO

04 LOCATION OF MAPS ECOLOGY & ENVIRONMENT

V. OTHER FIELD DATA COLLECTED (Provide narrative description)

SAMPLE DATA OF I.E.P.A. & SHERWIN-WILLIAMS WILL SERVE AS CHARACTERIZATION.

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

- E & E 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	D005456439

II. CURRENT OWNER(S)

01 NAME	02 D+B NUMBER	08 NAME	09 D+B NUMBER
SHERWIN-WILLIAMS		SHERWIN-WILLIAMS	

03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	10 STREET ADDRESS (P.O. Box, RFD #, etc.)	11 SIC CODE
11541 S. CHAMPLAIN		101 PROSPECT AVE, N.W.	

05 CITY	06 STATE	07 ZIP CODE	12 CITY	13 STATE	14 ZIP CODE
CHICAGO	IL	60628	CLEVELAND	OH	44115

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)

01 NAME	02 D+B NUMBER
NONE	

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

05 CITY	06 STATE	07 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

01 NAME	02 D+B NUMBER

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

05 CITY	06 STATE	07 ZIP CODE

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

01 NAME	02 D+B NUMBER
NONE	

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

05 CITY	06 STATE	07 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

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)

- INTERVIEW WITH COMPANY REPRESENTATIVES, 5-1-86
- E & E FILES

EPA

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

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
IL	D005454439

II. CURRENT OPERATOR (Provide if different from owner)

01 NAME	02 D+B NUMBER
SHERWIN-WILLIAMS	

03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE
11541 S. CHAMPLAIN	

05 CITY	06 STATE	07 ZIP CODE
CHICAGO	IL	60628

08 YEARS OF OPERATION	09 NAME OF OWNER
1880's - PRESE	SAME

OPERATOR'S PARENT COMPANY (If applicable)

10 NAME	11 D+B NUMBER
SHERWIN-WILLIAMS	

12 STREET ADDRESS (P.O. Box, RFD #, etc.)	13 SIC CODE
101 PROSPECT AVE. N.W.	

14 CITY	15 STATE	16 ZIP CODE
CLEVELAND	OH	44115

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

01 NAME	02 D+B NUMBER
NONE	

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

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)

- E & E FILES
- INTERVIEW WITH SITE REPRESENTATIVES, 5-1-86

EPA

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

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
IL	D005456459

II. ON-SITE GENERATOR

01 NAME	02 D+B NUMBER
NONE	
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
NONE			
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)

- E & E FILES
- INTERVIEW ON-SITE 5-1-86

EPA

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

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
IL	D005456439

II. PAST RESPONSE ACTIVITIES

01 ☐ A. WATER SUPPLY CLOSED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
NO

01 ☐ B. TEMPORARY WATER SUPPLY PROVIDED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
NO

01 ☐ C. PERMANENT WATER SUPPLY PROVIDED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
NO

01 ☐ D. SPILLED MATERIAL REMOVED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
NO

01 ☐ E. CONTAMINATED SOIL REMOVED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
NO

01 ☐ F. WASTE REPACKAGED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
NO

01 ☐ G. WASTE DISPOSED ELSEWHERE — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
NO

01 ☐ H. ON SITE BURIAL — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
NO

01 ☐ I. IN SITU CHEMICAL TREATMENT — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
NO

01 ☐ J. IN SITU BIOLOGICAL TREATMENT — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
NO

01 ☐ K. IN SITU PHYSICAL TREATMENT — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
NO

01 ☐ L. ENCAPSULATION — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
NO

01 ☐ M. EMERGENCY WASTE TREATMENT — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
NO

01 ☐ N. CUTOFF WALLS — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
NO

01 ☐ O. EMERGENCY DIKING/SURFACE WATER DIVERSION — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
NO

01 ☐ P. CUTOFF TRENCHES/SUMP — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
NO

01 ☐ Q. SUBSURFACE CUTOFF WALL — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
NO

EPA

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

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
IL	D005456439

II. PAST RESPONSE ACTIVITIES (Continued)

01 ☐ R. BARRIER WALLS CONSTRUCTED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
NO

01 ☐ S. CAPPING/COVERING — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
NO

01 ☐ T. BULK TANKAGE REPAIRED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
NO

01 ☐ U. GROUT CURTAIN CONSTRUCTED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
NO

01 ☐ V. BOTTOM SEALED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
NO

01 ☐ W. GAS CONTROL — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
NO

01 ☐ X. FIRE CONTROL — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
NO

01 ☐ Y. LEACHATE TREATMENT — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
NO

01 ☐ Z. AREA EVACUATED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
NO

01 ☐ 1. ACCESS TO SITE RESTRICTED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
NO

01 ☐ 2. POPULATION RELOCATED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
NO

01 ☐ 3. OTHER REMEDIAL ACTIVITIES — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
NONE REPORTED

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

- E & E FILES
- INTERVIEW ON-SITE 5-1-86.

EPA

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

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
IL	D005456439

II. ENFORCEMENT INFORMATION

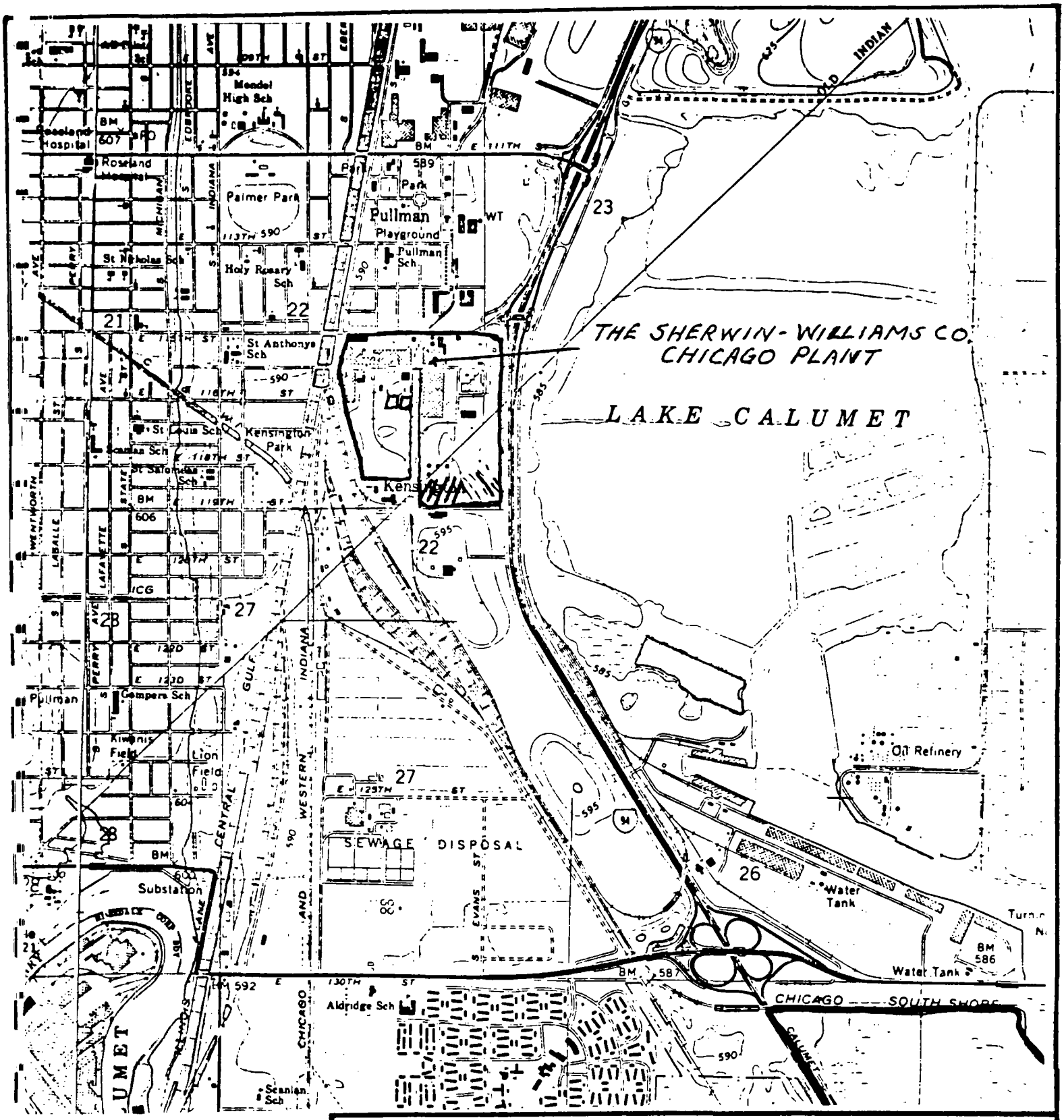
01 PAST REGULATORY/ENFORCEMENT ACTION ☐ YES ☒ NO

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

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

- E & E FILES

EPA FORM 2070-13 (7-81)

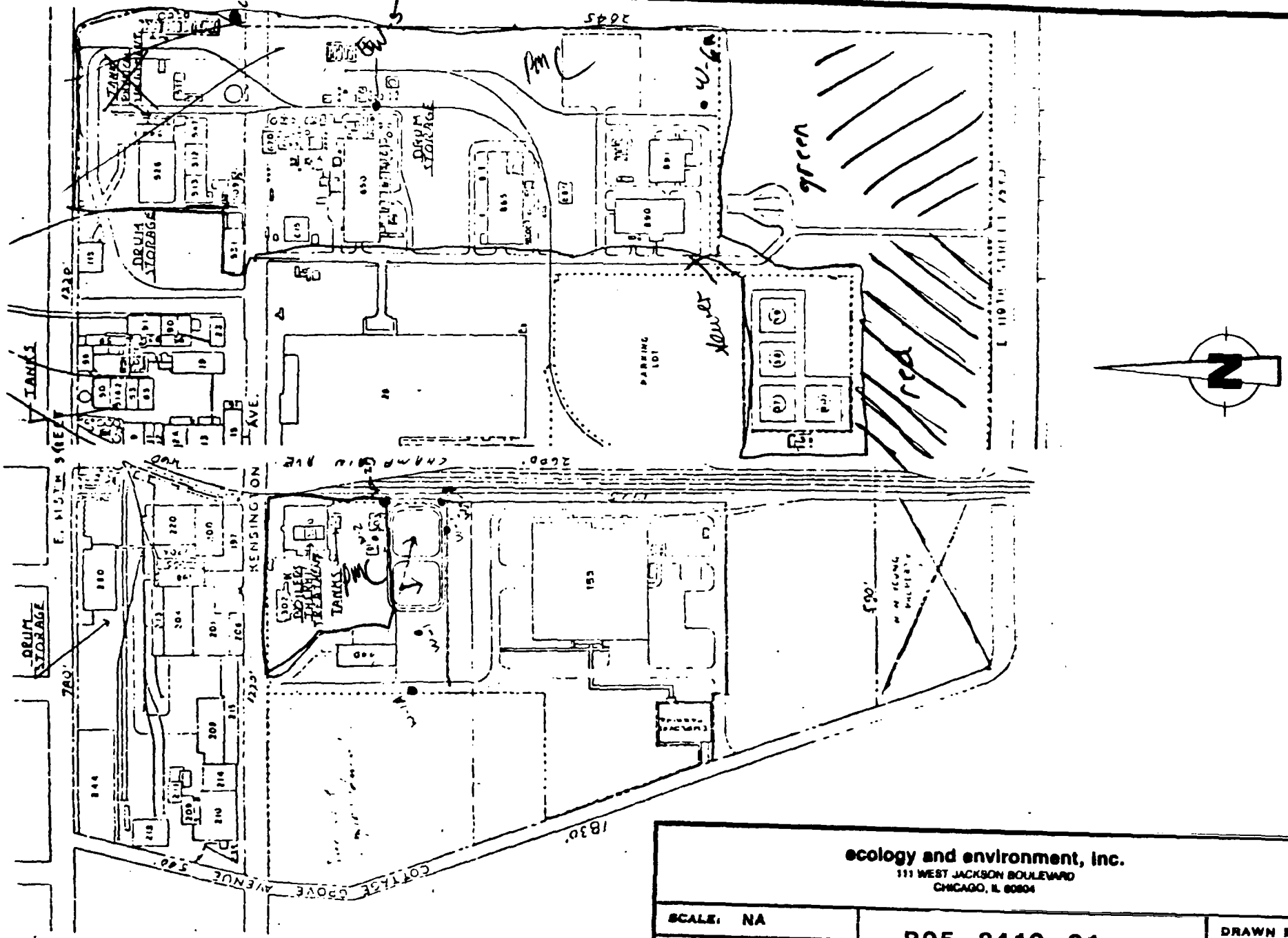


ecology and environment, inc.
111 WEST JACKSON BOULEVARD
CHICAGO, IL 60604

SCALE: 1"=2000'	R05-8410-01	DRAWN BY NA
DATE: NA		REVISED

SHERWIN-WILLIAMS
CHICAGO, ILLINOIS

ILD005456439	DRAWING NUMBER



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

SCALE: NA	R05-8410-01	DRAWN BY NA
DATE: NA		REVISED

SHERWIN-WILLIAMS
CHICAGO, ILLINOIS

DRAWING NUMBER

ILD005456439

FIELD PHOTOGRAPHY LOG SHEET

Page 1

DATE 5-1-86

TIME 10:30 A.M. P.M.

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

WEATHER CLEAR & 70°
20 MPH W. WIND

SITE SHERWIN-WILLIAMS

TDD# R5-8410-01

PHOTOGRAPHED BY:
B. MACK

SAMPLE ID# (if applicable)

DESCRIPTION: FILL AREA - GRADED TOWARD PHOTOGRAPHER.

DATE 5-1-86

TIME 10:32 A.M. P.M.

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

WEATHER CLEAR, 70°
20 MPH W. WIND

SITE SHERWIN-WILLIAMS

TDD# R5-8410-01

PHOTOGRAPHED BY:
B. MACK

SAMPLE ID# (if applicable)

DESCRIPTION: EAST SIDE FENCE I-94 & LAKE CALUMET IN BACKGROUND. NOTE MONITORING WELL (YELLOW)

FIELD PHOTOGRAPHY LOG SHEET

DATE 5-1-86

TIME 10:36 (A.M.) P.M.

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

WEATHER CLEAR & 70°
20 MPH W. WIND

SITE SHERWIN-WILLIAMS

TDD# R5-8410-01

PHOTOGRAPHED BY:
B. MACK

SAMPLE ID# (if applicable)

DESCRIPTION: LOOKING INTO SITE FROM FRONTAGE RD.

DATE 5-1-86

TIME 10:40 (A.M.) P.M.

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

WEATHER CLEAR, 70°
20 MPH W. WIND

SITE SHERWIN-WILLIAMS

TDD# R5-8410-01

PHOTOGRAPHED BY:
B. MACK

SAMPLE ID# (if applicable)

DESCRIPTION: DITCH ALONG E. SIDE OF SITE, RUST COLOR NOTED FROM FACTORY S. OF SITE.

FIELD PHOTOGRAPHY LOG SHEET

DATE 5-1-86

TIME 10:40 (A.M.) P.M.

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

WEATHER CLEAR & 70°
20 MPH W. WIND

SITE SHERWIN-WILLIAMS

TDD# R5-8410-01

PHOTOGRAPHED BY:
B. MACK

SAMPLE ID# (if applicable)

DESCRIPTION: FENCE & SURVEILLANCE WARNING AT E. SIDE OF SITE, NOTE DITCH OUTSIDE SITE.

DATE 5-1-86

TIME 10:33 (A.M.) P.M.

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

WEATHER CLEAR, 70°
20 MPH W. WIND

SITE SHERWIN-WILLIAMS

TDD# R5-8410-01

PHOTOGRAPHED BY:
B. MACK

SAMPLE ID# (if applicable)

DESCRIPTION: PHOTO ALONG FENCE OF SW CORNER OF SITE, BUILDING ARE OFF-SITE.

FIELD PHOTOGRAPHY LOG SHEET

DATE 5-1-86

TIME 10:35 A.M. P.M.

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

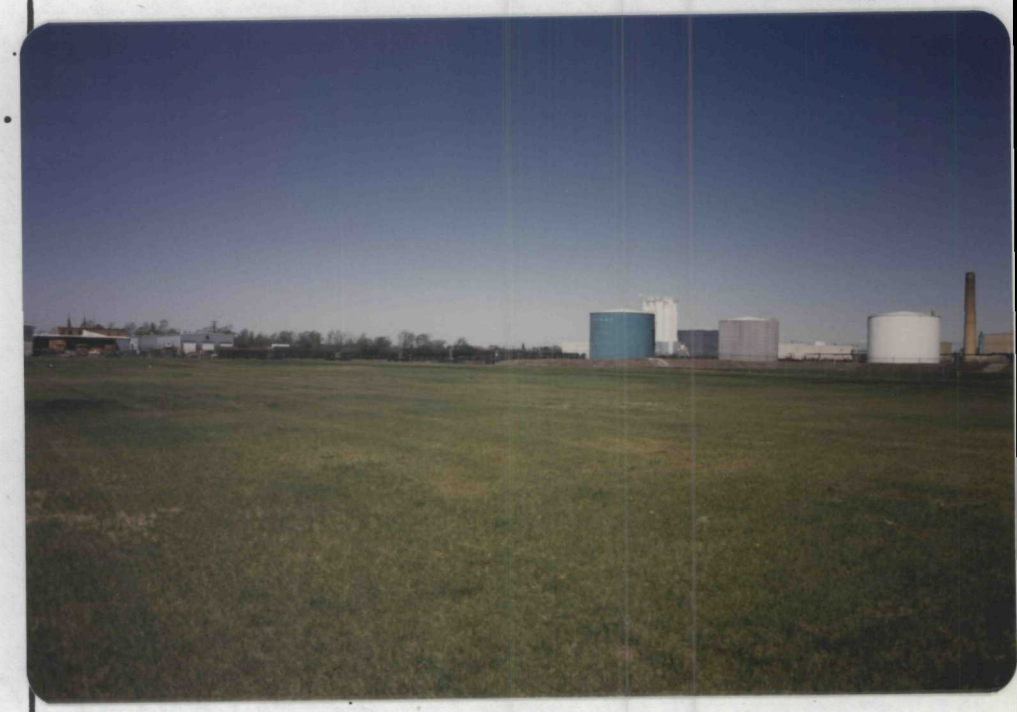
WEATHER CLEAR & 70°
20 MPH W. WIND

SITE SHERWIN-WILLIAMS

TDD# R5-8410-01

PHOTOGRAPHED BY:
B. MACK

SAMPLE ID# (if applicable)



DESCRIPTION: WEST PORTION OF FILL SITE.

DATE 5-1-86

TIME 10:40 A.M. P.M.

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

WEATHER CLEAR, 70°
20 MPH W. WIND

SITE SHERWIN-WILLIAMS

TDD# R5-8410-01

PHOTOGRAPHED BY:
B. MACK

SAMPLE ID# (if applicable)

DESCRIPTION: CENTRAL DRAINAGE AT FILL AREA.
PMC BUILDINGS IN BACKGROUND.

FIELD PHOTOGRAPHY LOG SHEET

DATE 5-1-86

TIME 10:45 A.M. P.M.

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

WEATHER CLEAR & 70°
20 MPH W. WIND

SITE SHERWIN-WILLIAMS

TDD# R5-8410-01

PHOTOGRAPHED BY:
B. MACK

SAMPLE ID# (if applicable)

DESCRIPTION: DRIVE OVER FILL AREA, PMC BLDS. IN BACKGROUND.

DATE 5-1-86

TIME 10:46 A.M. P.M.

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

WEATHER CLEAR, 70°
20 MPH W. WIND

SITE SHERWIN-WILLIAMS

TDD# R5-8410-01

PHOTOGRAPHED BY:
B. MACK

SAMPLE ID# (if applicable)

DESCRIPTION: E. FENCE LINE OF SITE, I-94 AT FAR RIGHT. NOTE GATE, DRAINAGE DITCH, & WARNING SIGN.

Info Transcribed for computer J.C.

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND POLLUTION CONTROL
CHEMICAL ANALYSIS FORM

RECORD CODE: L P C S M 0 1 (1–7) TRANS CODE: A (8)

REPORT DUE DATE (36) M ___ / D ___ / Y (41) ___ FEDERAL ID NUMBER ___

SITE INVENTORY NUMBER (9–18): 0 3 1 6 5 0 0 0 0 3

MONITOR POINT NUMBER (see Instructions) (19–22): G 1 0 9

REGION ___ CO. ___

DATE COLLECTED (23 M / D / Y 28): 0 6 / 0 5 / 8 4

LOCATION / RESPONSIBLE PARTY

IEPA LAB (x or Blank) (see Instructions) (29): X

FOR IEPA USE ONLY

COMPLAINT NO. ___

DATE RECEIVED (42 M / D / Y 47): 0 6 / 2 7 / 8 4

SAMPLING PURPOSE CODE (see Instructions) (48): 4

TIME CARD PROGRAM CODE (49–52): L P 4 1 & UNIT CODE (53): K

BACKGROUND SAMPLE (X) (54) ___

TIME COLLECTED (24 HR CLOCK) (55 H M 58): 1 0 5 5

UNABLE TO COLLECT SAMPLE (see Instructions) (59) ___

MONITOR POINT SAMPLED BY (see Instructions) (60): 1 OTHER (SPECIFY) ___

SAMPLE FIELD FILTERED - INORGANICS (X) (61) ___ ORGANICS (X) (62) ___

SAMPLE APPEARANCE (63–102): Clear SLIGHT CREOSOT Odor

COLLECTOR COMMENTS (103–142): STICK-UP 3.1 ft.

SPECIAL INSTRUCTIONS TO LAB ___

COLLECTED BY ___ INITIALS (143–145): C L DIVISION OR COMPANY ___ TRANSPORTED BY ___ DIVISION OR COMPANY ___

LAB USE ONLY

LAB SAMPLE NO. ___ LAB NAME AND ADDRESS ___ LAB ID NO. (146–149): 0 0 0 C

DATE RECEIVED ___

TIME RECEIVED ___

SAMPLE TEMP OKAY (Y/N) ___ SAMPLE PROPERLY PRESERVED (Y/N) ___ DATE COMPLETED ___ FORWARD ___

LAB COMMENTS (150–199) ___

SUPERVISOR SIGNATURE ___

RECORD CODE: L P C S M 0 2 (1–7) TRANS CODE: A (8)

FIELD MEASUREMENTS CONSTITUENT DESCRIPTION AND REQUIRED UNIT OF MEASURE	STORET NUMBER	REMARKS SEE INST	REPLICATE	< OR >	VALUE	REPORTING LEVEL DL	REPORTING LEVEL RL
DEPTH TO WATER (ft. below LS)	7 2 0 1 9 (30–34)	(35)	(36)	(37)	(38–47) 1 6	(48)	(49)
ELEVATION OF GW SURFACE (ft. ref MSL)	7 1 9 9 3						
TOTAL WELL DEPTH (ft. below LS)	7 2 0 0 8						
ALKALINITY TOTAL (mg/l as CaCO3) - Field	0 0 4 3 1						
REDOX POTENTIAL (millivolt) - Field	0 0 0 9 0						
pH (units) - Field	0 0 4 0 0						
SPEC CONDUCTANCE (umhos) - Field	0 0 0 9 4						
TEMP OF WATER SAMPLE (°F) - Field	0 0 0 1 1						

This Agency is authorized to require this information under Illinois Revised Statutes 1979, Chapter 111 1/2, Section 1004 and 1021. Disclosure of this information is required. Failure to do so may result in a civil penalty up to $25,000 for each day the failure continues, a fine up to $1,000.00 and imprisonment up to one year. This form has been approved by the Forms Management Center.

IEPA/DLPC

CHEMICAL ANALYSIS FORM

RECORD CODE L P C S M 0 2 (1–7) TRANS CODE A (8)

SITE INVENTORY NUMBER 0 3 1 6 5 0 0 0 0 3 (9–18)

MONITOR POINT NUMBER G 1 0 9 (19–22)

REGION _____ CO. _____

DATE COLLECTED 0 6 / 0 5 / 8 4 (23 M D Y 28)

IEPA LAB (x or Blank) X (29)

LOCATION / RESPONSIBLE PARTY

LAB MEASUREMENTS CONSTITUENT DESCRIPTION AND REQUIRED UNIT OF MEASURE	STORET NUMBER	REMARKS	REPORTING	< OR >	VALUE	REPORTING LEVEL DIGITS TO L OR R	REPORTING LEVEL NUMBER OF DECIMAL
T ALK CACO3 MG/L LAB	00410 (30–34)	35	36	37	38 — 47	48	49
NH3+NH4- N DISS MG/L	00608						
NO2&NO3 N DISS MG/L	00631						
PHOS- DISS MG/L P	00666						
T ORG C AS C MG/L	00680						
CYANIDE DISSOLVED UG/L	00723						
CALCIUM CA, DISS MG/L	00915						
MGNSIUM MG, DISS MG/L	00925						
SODIUM NA, DISS MG/L	00930				110		
PTSSIUM K, DISS MG/L	00935						
CHLORIDE CL, MG/L	00940				68		
SULFATE SO4, DISS MG/L	00946				360		
FLUORIDE F, DISS MG/L	00950						
ARSENIC AS, DISS UG/L	01000						
BARIUM BA, DISS UG/L	01005						
BORON B, DISS UG/L	01020						
CADMIUM CD, DISS UG/L	01025						
CHROMIUM CR, DISS UG/L	01030						
IRON FE, DISS UG/L	01046				00		
LEAD PB, DISS UG/L	01049						
MANGANESE MN, DISS UG/L	01056				10		
NICKEL NI, DISS UG/L	01065						
SILVER AG, DISS UG/L	01075						
ZINC ZN, DISS UG/L	01090						
SELENIUM SE, DISS UG/L	01145						
PHENOLS TOTAL UG/L	32730				500		
RESIDUE DISS-180 C MG/L	70300						
MERCURY HG, DISS UG/L	71890						

IEPA/DLPC

CHEMICAL ANALYSIS FORM

RECORD CODE L P C S M 0 2 (1–7) TRANS CODE A (8)

SITE INVENTORY NUMBER 0 3 1 6 5 0 0 0 0 3 (9–18)

MONITOR POINT NUMBER G 1 0 9 (19–22)

REGION _____ CO. _____

DATE COLLECTED 0 6 / 0 5 / 8 4 (23 M D Y 28)

IEPA LAB (x or Blank) X (29)

LOCATION / RESPONSIBLE PARTY

LAB MEASUREMENTS CONSTITUENT DESCRIPTION AND REQUIRED UNIT OF MEASURE	STORET NUMBER	REMARKS	REJECT	REPLICATE	< OR >	VALUE	REPORTING LEVEL: SIGNIFICANT DIGITS	REPORTING LEVEL: LOCATION OF DECIMAL
LAB PH SU	00403 (30–34)	(35)	(36)	(37)		9.1 (38–47)	(48)	(49)
CNDUCTVY @ 25C UMHOS LAB	00095					1119		

LPC-150 2/84

Well # 1 A
Upgradient

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SUBPART F GROUNDWATER MONITORING DATA

Inventory #: 03165003
Site: Sherwin-Williams Co.: Cook
Date: Rev. by:

		First Quarter Jan-Feb-March	Second Quarter April-May-June	Third July-Aug-Sept	Fourth Oct-Nov-Dec	
	Monitor Pt.	MW 1A	MW 1A	MW 1A	MW 1A	
	Collect. Date	1/23/83	6/13/83	9/21/82	11/24/82	
	~~Surf. Elev.~~					
	~~Stick-up Ht.~~					
	~~Water Depth~~					
	*Grndwtr Surf. Elev	589.08	587.997	585.142	584.58	
	~~Laboratory~~	BRG	BRG	BRG	BRG	
Parameters*	Standards (mg/l)					
Arsenic	.05	0.005	0.08	<0.003	<0.01	
Barium	1.0	<0.1	0.18	<1	<0.2	
Cadmium	0.01	<0.004	0.03	0.052	0.006	
Chromium	0.05	ND(0.009)	ND(0.005)	ND(0.003)	ND(0.003)	
Fluoride	1.4 - 2.4	0.66	0.64	0.43	0.38	
Lead	0.05	0.05	<0.029	0.076	0.052	
Mercury	0.002	0.0003	ND(0.0002)	ND(0.0001)	ND(0.0002)	
Nitrate (as N)	10	0.029	0.063	0.16	0.069	
Selenium	0.01	<0.005	ND(0.01)	0.005	<0.002	
Silver	0.05	0.006	ND(0.018)	<0.005	ND(0.009)	
Endrin	~~0.0002~~ (0.2 ug/l)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	
Lindane	~~0.004~~ (4.0 ug/l)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	
Methoxychlor	~~0.1~~ (100.0 ug/l)	ND(0.50)	ND(0.50)	ND(0.50)	ND(1.0)	
Toxaphene	~~0.005~~ (5.0 ug/l)	ND(1.0)	ND(1.0)	ND(1.0)	ND(0.50)	
2,4 - D	~~0.1~~ (100.0 ug/l)	ND(0.10)	ND(0.10)	ND(0.1)	0.37	
Silvex	~~0.01~~ (10.0 ug/l	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)	
** ~~Radium~~ TRITIUM	5 pCi/l	ND(2000)	<3000	ND(2000)	ND(2000)	
Gross Alpha	15 pCi/l	<5	<5	<5	<5	
*** Gross Beta	~~4 millirem/yr~~.	<8	<8	<8	<8	
Turbidity	1/TU	N/A	N/A			
Coliform Bacteria	1/100 ml	ND(1/100 mls)	ND(1/100 mls)	No Coliforms (1/100 mls)	750	
Chloride		82	70	140	130	
Iron		0.026	0.083	1.1	3.2	
Manganese		0.52	0.36	0.29	0.31	
Phenols		0.035	<0.010	0.032	0.035	
Sodium		88	78	200	140	
Sulfate		160	130	1000	1800	
pH						
Spec. Cond.						
TOC						
TOX						

RECEIVED
OCT 18 1983
ENVIRONMENTAL PROTECTION AGENCY
STATE OF ILLINOIS

Report contamination indicators as replicates on attached form for upgradient well.

DMF:mad/2-3 * Report Groundwater surface elevations at mean sea level.

*All results reported as mg/l unless otherwise noted
** REPORTED AS TRITIUM
*** Gross Beta reported in pCi/l

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
RCRA GROUNDWATER MONITORING
Replicate Sample Results for Contamination Indicators

Facility: Sherwin Williams
Facility Inventory No.: 03165003
Upgradient Well - Well No. 1 A

Date Sampled: 3/30/83 G.W. Surface Elevation (MSL): 589.08

Parameters (*)	First Quarter Replicates (JAN-FEB-MARCH)				Mean	Variance
pH	7.7	7.6	7.7	8.0	7.75	0.03
Spec. Cond.	1300	1300	1200	1300	1275	2500
TOC	12	12	13	12	12.25	0.25
TOX	0.17	0.11	0.12	0.08	0.12	0.0014

Date Sampled: 6/16/83 G.W. Surface Elevation (MSL): 587.997

Parameters (*)	Second Quarter Replicates (APRIL-MAY-JUNE)				Mean	Variance
pH	7.9	7.9	8.0	7.9	7.925	0.0025
Spec. Cond.	1000	1000	1000	1000	1000	0
TOC	8	7	6	8	7.25	0.916
TOX	0.12	0.13	0.17	0.10	0.13	0.00087

Date Sampled: 9/21/82 G.W. Surface Elevation (MSL): 585.142

Parameters (*)	Third Quarter Replicates (JULY-AUG-SEPT)				Mean	Variance
pH	7.8	7.8	7.8	7.8	7.8	0
Spec. Cond.	3040	3040	3040	3070	3047.5	225
TOC	7	8	8	8	7.75	0.25
TOX	<0.05	<0.05	<0.05	<0.05	<0.05	0

Date Sampled: 11/24/82 G.W. Surface Elevation (MSL): 584.58

Parameters (*)	Fourth Quarter Replicates (OCT-NOV-DEC)				Mean	Variance
pH	7.7	7.7	7.7	7.7	7.7	0
Spec. Cond.	3100	3100	3100	3100	3100	0
TOC	4.9	4.9	4.9	4.9	4.9	0
TOX	0.067	0.074	0.057	0.046	0.061	0.00015

Groundwater surface elevations should be reported at mean sea level.
* Contamination indicators must be reported as four consecutive quarters without interruption.

*Report Parameters as following: pH (su) standard units
Spec. Cond. (umhos/cm)
TOC (mg/l)
TOX (ug/l)

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ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SUBPART F GROUNDWATER MONITORING DATA

Inventory #: 0316 5003
Site: Co.: COOK
SHERWIN-WILLIAMS
1541 SO CHAMPLAIN
CHICAGO

Date: 2/16/84 Rev. by:

		4TH QTR 1983				
	Monitor Pt.	MW-1A				
	Collect. Date	12/20/83				
	Surf. Elev.	—				
	Stick-up Ht.	—				
	Water Depth	—				
	Grndwtr Surf. Elev	589.29				
	Laboratory	ERG				
Parameters*	Standards (mg/l)					
Arsenic	.05	<0.01				
Barium	1.0	0.12				
Cadmium	0.01	0.004				
Chromium	0.05	ND(0.004)				
Fluoride	1.4 - 2.4	0.86				
Lead	0.05	<0.05 ?				
Mercury	0.002	ND(0.0002)				
Nitrate (as N)	10	0.029				
Selenium	0.01	<0.01				
Silver	0.05	ND(0.02)				
Endrin	~~0.0002~~ (0.2 ug/l)	ND(0.10)				
Lindane	~~0.004~~ (4.0 ug/l)	ND(0.10)				
Methoxychlor	~~0.1~~ (100.0 ug/l)	ND(0.50)				
Toxaphene	~~0.005~~ (5.0 ug/l)	ND(1.0)				
2,4 - D	~~0.1~~ (100.0 ug/l)	ND(20)				
Silvex	~~0.01~~ (10.0 ug/l	ND(0.20)				
~~Radium~~ TRITIUM	5 pCi/l	5000				
Gross Alpha	15 pCi/l	ND(5)				
Gross Beta	~~4 millirem/yr.~~	ND(8)				
Turbidity	1/TU	NA				
Coliform Bacteria	1/100 ml	ND(1/100 mls)				
Chloride		53				
Iron		0.03				
Manganese		0.16				
Phenols		<0.04				
Sodium		70				
Sulfate		150				
		MEAN				
pH		7.3				
Spec. Cond.		1100				
TOC		12.75				
TOX		0.04				

SEE ATTACHED TABULATION REPLICATE

DMF:mad/2-3

*All results reported as mg/l unless otherwise noted
** REPORTED AS TRITIUM
*** GROSS BETA REPORTED IN pCi/l

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ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SUBPART F GROUNDWATER MONITORING DATA

Inventory #: 03165003
Site: Co.:
Sherwin Williams Cook

Date: Rev. by:

	Monitor Pt.	MW 2A	MW 2A	MW 2A	MW 2A	
	Collect. Date	3-[illegible]-83	6-18-83	9/21/82	11/24/82	12/20/83
	~~Surf. Elev.~~					
	~~Stick up Ht.~~					
	~~Water Depth~~					
	Grndwtr Surf. Elev.	589.93	588.68	584.311	583.1	589.14
	~~Laboratory~~	ERG	ERG	ERG	ERG	ERG
Parameters*	Standards (mg/l)					
Arsenic	.05	0.015	0.13	<0.003	<0.010	0.13
Barium	1.0	<1	0.56	<0.1	<0.2	0.17
Cadmium	0.01	0.010	0.01	0.006	0.006	0.006
Chromium	0.05	ND(<0.009)	<0.005	ND(0.003)	ND(0.003)	<.004
Fluoride	1.4 - 2.4	0.33	0.26	0.45	0.39	0.43
Lead	0.05	0.10	<0.029	0.030	0.028	0.09
Mercury	0.002	ND(0.0002)	ND(0.0002)	ND(0.0001)	<0.0002	ND (.000.
Nitrate (as N)	10	0.061	0.025	ND(0.041)	0.13	ND (.014)
Selenium	0.01	0.005	ND(0.01)	<0.002	<0.002	<.004
Silver	0.05	0.010	ND(0.018)	ND(0.005)	ND(0.004)	ND
Endrin	~~0.0002~~ (0.2 ug/l)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	"
Lindane	~~0.004~~ (4.0 ug/l)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	"
Methoxychlor	~~0.1~~ (100.0 ug/l)	ND(0.50)	ND(0.50)	ND(0.50)	ND(1.0)	"
Toxaphene	~~0.005~~ (5.0 ug/l)	ND(1.0)	ND(1.0)	ND(1.0)	ND(0.5)	"
2,4 - D	~~0.1~~ (100.0 ug/l)	ND(1.0)	ND(1.0)	ND(1.0)	1.1	ND(2.0)
Silvex	~~0.01~~ (10.0 ug/l	ND(0.50)	ND(0.50)	ND(0.5)	0.52	ND(0.2)
~~Radium~~ TRITIUM	5 pCi/l	2000	<3000	ND(2000)	ND(2000)	4000
Gross Alpha	15 pCi/l	<5	17	<5	<5	ND
★★ Gross Beta	~~4 millirem/yr.~~	8	<8	<8	<8	ND
Turbidity	1/TU	N/A	N/A			NA
Coliform Bacteria	1/100 ml	ND(1/100 ml)	ND(1/100 ml)	ND Coliforms (<1/100 ml)	1800	ND 1/100
Chloride		560	540	52	48	590
Iron		0.050	0.20	0.043	0.17	1.4
Manganese		2.1	1.6	0.04	0.07	1.1
Phenols		0.088	ND(0.010)	2.4	2.4	0.02
Sodium		690	580	870	140	530
Sulfate		2000	2100	340	240	1900
						MEAN
pH		7.8	7.7	8.2	8.0	7.475
Spec. Cond.		5600	530	1430	1400	5150
TOC		410	410	10	130	370
TOX		0.12	0.07	ND(0.05)	0.187	0.035

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UMF:mad/2-3

*All results reported as mg/l unless otherwise noted
★★ REPORTED AS TRITIUM
★★★ Gross Beta Reported in pCi/l

Well # 3

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SUBPART F GROUNDWATER MONITORING DATA

Inventory #: 03165003
Site: Sherwin Williams Co.: Cook
Date: Rev. by:

Monitor Pt.	MW 3	MW 3	MW 3	MW 3
Collect. Date	3-22-83	6-18-83	9/21/82	11/24/82
~~Surf. Elev.~~				
~~Stick up Ht.~~				
~~Water Depth~~				
~~Groundwtr Surf. Elev.~~	584.52	584.77	583.65	582.08
~~Laboratory~~	ERG	ERG	ERG	ERG
Parameters* / Standards (mg/l)				
Arsenic / .05	<0.004	0.002	0.005	<0.010
Barium / 1.0	<0.2	0.40	<1	<0.2
Cadmium / 0.01	0.006	0.023	0.008	0.006
Chromium / 0.05	ND(<0.004)	ND(0.005)	ND(0.003)	<0.003
Fluoride / 1.4 - 2.4	0.44	0.44	0.61	0.48
Lead / 0.05	0.04	<0.029	0.046	0.050
Mercury / 0.002	<0.0002	ND(0.0002)	0.0002	<0.0002
Nitrate (as N) / 10	0.077	0.093	0.10	0.14
Selenium / 0.01	<0.005	ND(0.01)	<0.002	<0.002
Silver / 0.05	ND(0.005)	ND(0.018)	ND(0.005)	ND(0.004)
Endrin / ~~0.0002~~ (0.2 ug/l)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Lindane / ~~0.004~~ (4.0 ug/l)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Methoxychlor / ~~0.1~~ (100.0 ug/l)	ND(0.50)	ND(0.50)	ND(0.50)	ND(1.0)
Toxaphene / ~~0.005~~ (5.0 ug/l)	ND(1.0)	ND(1.0)	ND(1.0)	ND(0.5)
2,4 - D / ~~0.1~~ (100.0 ug/l)	ND(1.0)	ND(1.0)	ND(0.1)	0.22
Silvex / ~~0.01~~ (10.0 ug/l	ND(0.50)	ND(0.5)	ND(0.50)	ND(0.50)
~~Radium~~ TRITIUM / 5 pCi/l	ND(2000)	<3000	<3000	ND(2000)
Gross Alpha / 15 pCi/l	<5	<5	8	<5
Gross Beta / ~~4 millirem/yr.~~	<8	<8	24	<8
Turbidity / 1/TU	N/A	N/A		
Coliform Bacteria / 1/100 ml	ND(1/100 ml)	ND(1/100 ml)	72	850
Chloride	15	15	14	14
Iron	0.058	0.35	0.73	0.39
Manganese	0.21	0.17	0.21	0.19
Phenols	0.088	0.039	0.048	0.088
Sodium	80	83	92	99
Sulfate	1200	1400	1100	1200
pH	8.2	8.1	7.6	7.9
Spec. Cond.	2100	2000	1700	2000
TOC	8	10	7.7	6.3
TOX	0.02	0.02	0.054	0.050

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DMF:mad/2-3

*All results reported as mg/l unless otherwise noted

Well # 2 A

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SUBPART F GROUNDWATER MONITORING DATA

Inventory #: 03165003
Site: Sherwin Williams Co.: Cook
Date: Rev. by:

	Monitor Pt.	MW 2A	MW 2A	MW 2A	MW 2A
	Collect. Date	3-22-82	6-18-83	9/21/82	11/24/82
	~~Surf. Elev.~~				
	~~Stick-up Ht.~~				
	~~Water Depth~~				
	Grndwtr Surf. Elev	589.93	588.68	584.311	583.1
	~~Laboratory~~	ERG	ERG	ERG	ERG
Parameters*	Standards (mg/l)				
Arsenic	.05	0.015	0.13	<0.003	<0.010
Barium	1.0	<1	0.56	<0.1	<0.2
Cadmium	0.01	0.010	0.01	0.006	0.006
Chromium	0.05	ND(<0.009)	<0.005	ND(0.003)	ND(0.003)
Fluoride	1.4 - 2.4	0.33	0.26	0.45	0.39
Lead	0.05	0.10	<0.029	0.030	0.028
Mercury	0.002	ND(0.0003)	ND(0.0002)	ND(0.0001)	<0.0002
Nitrate (as N)	10	0.061	0.025	ND(0.041)	0.13
Selenium	0.01	0.005	ND(0.01)	<0.002	<0.002
Silver	0.05	0.010	ND(0.018)	ND(0.005)	ND(0.004)
Endrin	~~0.0002~~ (0.2 ug/l)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Lindane	~~0.004~~ (4.0 ug/l)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Methoxychlor	~~0.1~~ (100.0 ug/l)	ND(0.50)	ND(0.50)	ND(0.50)	ND(1.0)
Toxaphene	~~0.005~~ (5.0 ug/l)	ND(1.0)	ND(1.0)	ND(1.0)	ND(0.5)
2,4 - D	~~0.1~~ (100.0 ug/l)	ND(1.0)	ND(1.0)	ND(1.0)	1.1
Silvex	~~0.01~~ (10.0 ug/l)	ND(0.50)	ND(0.50)	ND(0.5)	0.52
~~Radium~~ TRITIUM	5 pCi/l	2000	<3000	ND(2000)	ND(2000)
Gross Alpha	15 pCi/l	<5	17	<5	<5
Gross Beta	~~4 millirem/yr~~.	8	<8	<8	<8
Turbidity	1/TU	N/A	N/A		
Coliform Bacteria	1/100 ml	ND(1/100 ml)	ND(1/100 ml)	No Coliforms (<1/100 ml)	1800
Chloride		560	540	52	48
Iron		0.050	0.20	0.043	0.17
Manganese		2.1	1.6	0.04	0.07
Phenols		0.088	ND(0.010)	2.4	2.4
Sodium		690	580	870	140
Sulfate		2000	2100	340	240
pH		7.8	7.7	8.2	8.0
Spec. Cond.		5600	530	1430	1400
TOC		410	410	10	130
TOX		0.12	0.07	ND(0.05)	0.187

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*All results reported as mg/l unless otherwise noted
** REPORTED AS TRITIUM
*** Gross Beta Reported in pCi/l

Well #3A

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SUBPART F GROUNDWATER MONITORING DATA

Inventory #: 03165003	Monitor Pt.	mw3A	mw3A	mw3A	mw3A
Site: Co.:	Collect. Date	3-28-83	6-18-83	10/24/83	12/20/83
Sherwin Williams Cook	~~Surf. Elev~~				
	~~Stick-up Ht.~~				
	~~Water Depth~~				
	Grndwtr Surf. Elev	589.13	586.55	587.88	583.95
Date: Rev. by:	~~Laboratory~~	ERG	ERG	ERG	ERG
Parameters*	Standards (mg/l)				
Arsenic	.05	<0.004	0.004	.04	<.01
Barium	1.0	<1	1.1	.27	.18
Cadmium	0.01	ND(0.004)	0.005	.005	.005
Chromium	0.05	ND(<0.009)	<0.005	<.002	<.004
Fluoride	1.4 - 2.4	0.28	0.30	.40	.45
Lead	0.05	<0.025	<0.029	.08	.08
Mercury	0.002	<0.0002	0.0007	.0007	<.0002
Nitrate (as N)	10	0.020	0.027	.02	<.014
Selenium	0.01	<0.005	ND(0.01)	<.02	<.01
Silver	0.05	0.005	ND(0.018)	<.09	<.02
Endrin	~~0.0002~~ (0.2 ug/l)	ND(0.10)	ND(0.10)	<.10	<.10
Lindane	~~0.004~~ (4.0 ug/l)	ND(0.14)	ND(0.10)	<.10	<.10
Methoxychlor	~~0.1~~ (100.0 ug/l)	ND(0.50)	ND(0.50)	<.50	<.50
Toxaphene	0~~.005~~ (5.0 ug/l)	ND(1.0)	ND(1.0)	<1.0	<1.0
2,4 - D	~~0.1~~ (100.0 ug/l)	ND(1.0)	ND(0.10)	<.50	<.20
Silvex	0~~.01~~ (10.0 ug/l	ND(0.50)	ND(0.10)	<.025	<.20
~~Radium~~	5 pCi/l	ND(2000)	<3000	2000	<3000
Gross Alpha	15 pCi/l	10	15	12	<5
Gross Beta	~~4 millirem/yr.~~	8	21	<8	<8
Turbidity	1/TU	N/A	N/A		
Coliform Bacteria	1/100 ml	ND(4/ml)	80	<1	<4
Chloride		140	170	210	190
Iron		0.42	1.3	1.1	.12
Manganese		1.2	0.90	.90	.74
Phenols		0.14	0.036	.018	.017
Sodium		110	100	180	130
Sulfate		1400	1100	880	820
				mean	mean
pH		8.1	7.8	7.85	7.45
Spec. Cond.		3000	2800	620	2700
TOC		20	42	34.75	21
TOX		0.035	0.08	.02	.035

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DMF:mad/2-3

*All results reported as mg/l unless otherwise noted
** REPORTED AS TRITIUM
*** GROSS BETA REPORTED IN pCi/l

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SUBPART F GROUNDWATER MONITORING DATA

		3rd QE				
Inventory #: 0316J003	Monitor Pt.	MW-3A				
Site: Co.: COOK	Collect. Date	10/29/83				
SHERWIN-WILLIAMS	Surf. Elev.					
	Stick-up Ht.					
	Water Depth					
	Grndwtr Surf. Elev	587.88				
Date: Rev. by:	Laboratory	EZG				
Parameters*	Standards (mg/l)					
Arsenic	.05	0.04				
Barium	1.0	0.27				
Cadmium	0.01	0.005				
Chromium	0.05	ND(0.002)				
Fluoride	1.4 - 2.4	0.40				
Lead	0.05	0.08				
Mercury	0.002	0.0007				
Nitrate (as N)	10	0.02				
Selenium	0.01	<0.02				
Silver	0.05	ND(0.08)				
Endrin	0.0002 (0.2 ug/l)	ND(0.10)				
Lindane	0.004 (4.0 ug/l)	ND(0.10)				
Methoxychlor	0.1 (100.0 ug/l)	ND(0.50)				
Toxaphene	0.005 (5.0 ug/l)	ND(1.0)				
2,4 - D	0.1 (100.0 ug/l)	ND(0.50)				
Silvex	0.01 (10.0 ug/l)	ND(0.025)				
★ ~~Radium~~ TRITIUM	5 pCi/l	2000				
Gross Alpha	15 pCi/l	12				
Gross Beta	~~4 millirem/yr.~~	< 8				
Turbidity	1/TU	NA				
Coliform Bacteria	1/100 ml	< 1/100				
Chloride		210				
Iron		1.1				
Manganese		0.90				
Phenols		0.018				
Sodium		180				
Sulfate		880				
		MEAN				
pH		7.85				
Spec. Cond.		620				
TOC		34.75				
TOX		0.02				

See attached replicate tabulation.

DMF:mad/2-3

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*All results reported as mg/l unless otherwise noted

★★ REPORTED AS TRITIUM

★★★ GROSS BETA REPORTED IN pCi/l

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SUBPART F GROUNDWATER MONITORING DATA

Inventory #: 03165003
Site: Co.:
SHERWIN-WILLIAMS COOK
11541 So CHAMPLAIN
CHICAGO
Date: 2/16/84 Rev. by:

Monitor Pt.		MW-8	MW-8
Collect. Date		12/14/83	6/05/84
Surf. Elev.		—	
Stick-up Ht.		—	
Water Depth		—	
Grndwtr Surf. Elev		588.2	586.84	587.36
Laboratory		ERG	ERG	ERG

Parameters*	Standards (mg/l)	4TH QTR 1983		
Arsenic	.05	0.06	<.01	.011
Barium	1.0	0.18	.35	ND
Cadmium	0.01	<0.004	<.004	<0.004
Chromium	0.05	ND(0.004)	<.007	0.005
Fluoride	1.4 - 2.4	0.90	1.0	.79
Lead	0.05	<0.05	<.045	0.010
Mercury	0.002	ND(0.0002)	<.0002	<0.0002
Nitrate (as N)	10	<0.014	.068	.081
Selenium	0.01	<0.01	<.01	<0.01
Silver	0.05	ND(0.02)	<.02	0.004
Endrin	~~0.0002~~ (0.2 ug/l)	ND(0.10)	<.10	<0.10
Lindane	~~0.004~~ (4.0 ug/l)	ND(0.10)	<.10	<0.10
Methoxychlor	~~0.1~~ (100.0 ug/l)	ND(0.50)	<.50	<0.50
Toxaphene	~~0.005~~ (5.0 ug/l)	ND(1.0)	<1.0	<(1.0)
2,4 - D	~~0.1~~ (100.0 ug/l)	ND(20)	<20	<(20)
Silvex	~~0.01~~ (10.0 ug/l	ND(0.20)	<.20	.32
★ ~~Radium~~ TRITIUM	5 pCi/l	13000	5000	ND
Gross Alpha	15 pCi/l	ND(5)	<5	9
★★ Gross Beta	~~4 millirem/yr.~~	ND(8)	10	16
Turbidity	1/TU	NA		—
Coliform Bacteria	1/100 ml	8/100 mcs	<1	<1
Chloride		34	62	39
Iron		0.16	.095	1400
Manganese		0.27	.24	200
Phenols		0.054	.028	0.020
Sodium		98	100	120
Sulfate		180	240	360
		MEAN		
pH		7.4	7.7	7.5
Spec. Cond.		1500	1600	1600
TOC	SEE ATTACHED	26.5	29	28.25
TOX	REVISED TABULATION	0.0375	.068	.064

DMF:mad/2-3

*All results reported as mg/l unless otherwise noted
★★ REPORTED AS TRITIUM
★★★ GROSS BETA REPORTED IN pCi/l

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ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SUBPART F GROUNDWATER MONITORING DATA

		4TH QTR 1983
Inventory #: 03165003	Monitor Pt.	MW-8
Site: Co.:	Collect. Date	12/10/83
SHERWIN-WILLIAMS COOK	Surf. Elev.	–
11541 So CHAMPLAIN	Stick-up Ht.	–
CHICAGO	Water Depth	–
	Grndwtr Surf. Elev.	588.2
Date: 2/16/84 Rev. by:	Laboratory	ERG
Parameters*	Standards (mg/l)	
Arsenic	.05	0.01
Barium	1.0	0.18
Cadmium	0.01	<0.004
Chromium	0.05	ND(0.004)
Fluoride	1.4 - 2.4	0.90
Lead	0.05	<0.05
Mercury	0.002	ND(0.0002)
Nitrate (as N)	10	<0.014
Selenium	0.01	<0.01
Silver	0.05	ND(0.02)
Endrin	~~0.0002~~ (0.2 ug/l)	ND(0.10)
Lindane	~~0.004~~ (4.0 ug/l)	ND(0.10)
Methoxychlor	~~0.1~~ (100.0 ug/l)	ND(0.50)
Toxaphene	~~0.005~~ (5.0 ug/l)	ND(1.0)
2,4 - D	~~0.1~~ (100.0 ug/l)	ND(20)
Silvex	~~0.01~~ (10.0 ug/l	ND(0.20)
★ - ~~Radium~~ TRITIUM	5 pCi/l	13000
Gross Alpha	15 pCi/l	ND(5)
★★ Gross Beta	~~4 millirem/yr.~~	ND(8)
Turbidity	1/TU	NA
Coliform Bacteria	1/100 ml	8/100 mls
Chloride		34
Iron		0.16
Manganese		0.27
Phenols		0.054
Sodium		98
Sulfate		180
		MEAN
pH		7.4
Spec. Cond.		1500
TOC		26.5
TOX		0.0375

SEE ATTACHED REPORTING TABULATION

DMF:mad/2-3

*All results reported as mg/l unless otherwise noted

★★ REPORTED AS TRITIUM

★★★ GROSS BETA REPORTED IN pCi/l

RECEIVED

FEB 27 1984

E.P.A. — D.L.P.C.
STATE OF ILLINOIS

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SUBPART F GROUNDWATER MONITORING DATA

Inventory #: 03165003	Monitor Pt.	MW-9				
Site: Co.:	Collect. Date	12/21/83				
SHERWIN-WILLIAMS COOK	Surf. Elev.	–				
1154 SO CHAMPLAIN	Stick-up Ht.	–				
CHICAGO	Water Depth	–				
	Grndwtr Surf. Elev.	588.99				
Date: 12/20/84 Rev. by:	Laboratory	BBG				
Parameters*	Standards (mg/l)					
Arsenic	.05	0.29				
Barium	1.0	0.15				
Cadmium	0.01	<0.004				
Chromium	0.05	ND(0.004)				
Fluoride	1.4 - 2.4	1.3				
Lead	0.05	<0.05				
Mercury	0.002	ND(0.0002)				
Nitrate (as N)	10	0.32				
Selenium	0.01	<0.01				
Silver	0.05	ND(0.02)				
Endrin	~~0.0002~~ (0.2 ug/l)	ND(0.10)				
Lindane	~~0.004~~ (4.0 ug/l)	ND(0.10)				
Methoxychlor	~~0.1~~ (100.0 ug/l)	ND(0.50)				
Toxaphene	~~0.005~~ (5.0 ug/l)	ND(1.0)				
2,4 - D	~~0.1~~ (100.0 ug/l)	43				
Silvex	~~0.01~~ (10.0 ug/l	ND(1.0)				
** ~~Radium~~ TRITIUM	5 pCi/l	ND(2000)				
Gross Alpha	15 pCi/l	ND(5)				
*** Gross Beta	~~4 millirem/yr~~.	ND(11)				
Turbidity	1/TU	NA				
Coliform Bacteria	1/100 ml	ND(2/100 ml)				
Chloride		61				
Iron		1.4				
Manganese		0.036				
Phenols		0.62				
Sodium		100				
Sulfate		570				
pH		8.8				
Spec. Cond.		1300				
TOC		80				
TOX		0.09				

DMF:mad/2-3

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FEB 27 1984

E.P.A. — D.L.P.C.
STATE OF ILLINOIS

*All results reported as mg/l unless otherwise noted

** REPORTED AS TRITIUM

*** GROSS BETA REPORTED IN pCi/l

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SUBPART F GROUNDWATER MONITORING DATA

Inventory #: 0316 5003
Site: Co.:
SHERWIN-WILLIAMS COOK
1154 SO CHAMPLAIN
CHICAGO

Date: 12/20/84 Rev. by:

Monitor Pt.	MW-9	MW-9	MW-9		
Collect. Date	12/20/83	3/14/84	6/05/84		
Surf. Elev.	—				
Stick-up Ht.	—				
Water Depth	—				
Grndwtr Surf. Elev	588.99	587.68	588.12		
Laboratory	E2G	ERG	ERG		
Parameters*	**Standards (mg/l)**				
Arsenic	.05	0.29	.18	.37	
Barium	1.0	0.15	.37	ND	
Cadmium	0.01	<0.004	<.004	ND	
Chromium	0.05	ND(0.004)	<.007	0.006	
Fluoride	1.4 - 2.4	1.3	1.0	1.0	
Lead	0.05	<0.05	<.045	0.01	
Mercury	0.002	ND(0.0002)	<.0002	<.0002	
Nitrate (as N)	10	0.32	.072	<.02	
Selenium	0.01	<0.01	<.01	<.01	
Silver	0.05	ND(0.02)	<.02	ND <0.02	
Endrin	~~0.0002~~ (0.2 ug/l)	ND(0.10)	<.10	<0.10	
Lindane	~~0.004~~ (4.0 ug/l)	ND(0.10)	<.10	<0.10	
Methoxychlor	~~0.1~~ (100.0 ug/l)	ND(0.50)	<.50	<0.50	
Toxaphene	~~0.005~~ (5.0 ug/l)	ND(1.0)	<1.0	<0.50	
2,4 - D	~~0.1~~ (100.0 ug/l)	43	67	54	
Silvex	~~0.01~~ (10.0 ug/l	ND (1.0)	<3.0	ND (1.0)	
** ~~Radium~~ TRITIUM	5 pCi/l	ND (2000)	6000	ND	
Gross Alpha	15 pCi/l	ND (5)	<5	<5	
*** Gross Beta	~~4 millirem/yr.~~	ND (11)	31	25	
Turbidity	1/TU	NA		—	
Coliform Bacteria	1/100 ml	ND(2/100 ml)	<1	ND	
Chloride		61	67	57	
Iron		1.4	.095	.600	
Manganese		0.036	.005	0.014	
Phenols		0.62	.36	~~.890~~	
Sodium		100	94	110	
Sulfate		570	460	390	
				MEAN	
pH		8.8	9.6	9.15	
Spec. Cond.		1300	1200	1100	
TOC		80	72	~~66.33~~	
TOX		0.09	.07	.770	

replicates missing

DMF:mad/2-3

*All results reported as mg/l unless otherwise noted
** REPORTED AS TRITIUM
*** GROSS BETA REPORTED IN pCi/l

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STATE OF ILLINOIS

TO: APPENDIX H

Sherwin-Williams Company
Chemical Division
11541 S. Champlain AVe.
Chicago, IL. 60628

C.D. Baker

DATE: 8/4/83

APPROVED BY: Frank P. DeFranza, Mgr. ERG-Chicago

SAMPLE DATE: 6/23/83

SAMPLE IDENTIFICATION: # 4

PROJECT #: 2629

Results recorded in mg/l unless otherwise indicated.

DRINKING WATER STANDARDS

PARAMETER		ERG #: 18301
Arsenic		0.15
Barium		1.0
Cadmium		0.009
Chromium		<0.005
Flouride		.26
Lead		0.097
Mercury		0.0004
Nitrate, Nitrogen		.10
Selenium		ND(0.01)
Silver		ND(0.018)
Endrin	(µg/l)	ND(0.10)
Lindane	(µg/l)	ND(0.10)
Methoxychlor	(µg/l)	ND(.50)
Toxaphene	(µg/l)	ND(1.0)
2,4, D	(µg/l)	ND(0.10)
2,4,5 TP-Silvex	(µg/l)	ND(0.10)
Gross Alpha	(pCi/l)	<5
Gross Beta	(pCi/l)	<8
Tritium	(pCi/l)	<3000
Coliform Bacteria	(colonies/100 ml)	ND(3/100 mls)
Turbidity		N/A

GROUND WATER QUALITY

Chloride	460
Iron	23
Manganese	2.3
Total Phenolics	0.015
Sodium	420
Sulfate	1300

GROUND WATER CONTAMINATION INDICATORS

pH	1) 7.7
Specific Conductivity (µmhos @ 25°C)	1) 4200
Total Organic Carbon	1) 81
Total Organic Halogen	1) 0.16

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TO: APPENDIX 1

Sherwin-Williams Company
Chemical Division
11541 S. Champlain AVe.
Chicago, IL. 60628

C.D. Baker

DATE: 8/4/83

APPROVED BY: Frank P. DeFranza, Mgr. ERG-Chicago

SAMPLE DATE: 6/23/83

SAMPLE IDENTIFICATION: # 5

PROJECT #: 2629

Results recorded in mg/l unless otherwise indicated.

DRINKING WATER STANDARDS

PARAMETER		ERG #: 18302
Arsenic		0.15
Barium		0.50
Cadmium		0.008
Chromium		<0.005
Flouride		.34
Lead		0.071
Mercury		ND(0.0002)
Nitrate,Nitrogen		1.3
Selenium		ND(0.01)
Silver		ND(0.018)
Endrin	(µg/l)	ND(0.10)
Lindane	(µg/l)	ND(0.10)
Methoxychlor	(µg/l)	ND(.50)
Toxaphene	(µg/l)	ND(1.0)
2,4, D	(µg/l)	ND(0.10)
2,4,5 TP-Silvex	(µg/l)	ND(0.050)
Gross Alpha	(pCi/l)	<5
Gross Beta	(pCi/l)	<8
Tritium	(pCi/l)	<3000
Coliform Bacteria	(colonies/100 ml)	No count-obscured by solids
Turbidity		N/A

GROUND WATER QUALITY

Chloride	23
Iron	0.22
Manganese	0.16
Total Phenolics	0.097
Sodium	590
Sulfate	2000

GROUND WATER CONTAMINATION INDICATORS

pH	1) 8.1
Specific Conductivity (µmhos @ 25°C)	1) 3800
Total Organic Carbon	1) 190
Total Organic Halogen	1) ND(0.002)

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IEPA-DLPC

TO: APPENDIX J

Sherwin-Williams Company
Chemical Division
11541 S. Champlain AVe.
Chicago, IL. 60628

C.D. Baker

DATE: 8/4/83

APPROVED BY: Frank P. DeFranza, Mgr. ERG-Chicago

SAMPLE DATE: 6/23/83

SAMPLE IDENTIFICATION: # 6

PROJECT #: 2629

Results recorded in mg/l unless otherwise indicated.

DRINKING WATER STANDARDS

PARAMETER		ERG #: 18303
Arsenic		0.035
Barium		0.64
Cadmium		0.005
Chromium		ND(0.005)
Flouride		.29
Lead		0.080
Mercury		0.0013
Nitrate,Nitrogen		.30
Selenium		ND(0.01)
Silver		ND(0.018)
Endrin	(µg/l)	ND(0.10)
Lindane	(µg/l)	ND(0.10)
Methoxychlor	(µg/l)	ND(.50)
Toxaphene	(µg/l)	ND(1.0)
2,4, D	(µg/l)	ND(0.10)
2,4,5 TP-Silvex	(µg/l)	ND(0.050)
Gross Alpha	(pCi/l)	<5
Gross Beta	(pCi/l)	21
Tritium	(pCi/l)	<3000
Coliform Bacteria	(colonies/100 ml)	ND(3/100 mls)
Turbidity		N/A

GROUND WATER QUALITY

Chloride	200
Iron	1.6
Manganese	0.58
Total Phenolics	0.012
Sodium	100
Sulfate	270

GROUND WATER CONTAMINATION INDICATORS

pH	1) 7.7
Specific Conductivity (µmhos @ 25°C)	1) 2200
Total Organic Carbon	1) 130
Total Organic Halogen	1) 0.69

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ENVIRONMENTAL RESEARCH GROUP, INC.

TO: APPENDIX K.

Sherwin-Williams Company
Chemical Division
11541 S. Champlain Ave.
Chicago, IL. 60628

C.D. Baker

DATE: 1/4/84

APPROVED BY:

Frank P. DeFranza, Mgr. ERG-Chicago

SAMPLE DATE: 10/24/83

SAMPLE IDENTIFICATION: 7

PROJECT #: 2811

Results recorded in mg/l unless otherwise indicated.

DRINKING WATER STANDARDS

PARAMETER		ERG #:19746
Arsenic		<0.01
Barium		0.47
Cadmium		0.008
Chromium		0.006
Flouride		0.53
Lead		0.11
Mercury		<0.0002
Nitrate,Nitrogen		0.20
Selenium		<0.02
Silver		ND(0.08)
Endrin	(µg/l)	ND(0.10)
Lindane	(µg/l)	ND(0.10)
Methoxychlor	(µg/l)	ND(0.50)
Toxaphene	(µg/l)	ND(1.0)
2,4, D	(µg/l)	ND(0.50)
2,4,5 TP-Silvex	(µg/l)	ND(0.25)
Gross Alpha	(pCi/l)	27
Gross Beta	(pCi/l)	25
Tritium	(pCi/l)	ND(2000)
Coliform Bacteria	(colonies/100 ml)	<1/100 mls
Turbidity		29 NTU
GROUND WATER QUALITY		
Chloride		370
Iron		1.4
Manganese		0.84
Total Phenolics		0.016
Sodium		480
Sulfate		2400
GROUND WATER CONTAMINATION INDICATORS		
pH		8.0
Specific Conductivity (µmhos @ 25°C)		460
Total Organic Carbon		190
Total Organic Halogen		0.04

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ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL
CHEMICAL ANALYSIS FORM

RECEIVED JUN 27 1984

C 5792 JUN 16

LPCSM030

Key for Determining Type of Monitoring Point

(S) Surface Water	(G) Ground Water	(L) Leachate	(X) Special
(1) Upstream	(1) Monitor Well	(1) Flow or seep	(1) Soil
(2) Mid-site	(2) Private well	(2) Pond	(2) Waste
(3) Downstream	(3) Spring	(3) Collection System	(3) Other
(4) Run-off	(4) Lysimeter		
(5) Impounded	(5) Public W S		

Sampling Purpose 0 4

Name (Private Well, Stream, Spring, Impounded Water only): Monitor well - MW-1A

L P C S M 0 1 0 (F)

SITE INVENTORY NUMBER 0 3 1 6 5 0 0 3 (9) (16)

MONITOR POINT NUMBER G 1 0 1 (17) (20)

DATE COLLECTED 0 6 0 5 8 4 (21) (26)

Cook Co. - LPC REGION N (27)

Chicago (Location) / Sherwin Williams (Responsible Party)

Legal (1); Illegal (2); Indicate One: 1 (28) Board Order (X) (29)

Time Collected [illegible] a.m./p.m. Unable to collect sample (X) (30)

Pump-up 2.7 ft. (31) (33) Depth to water 5.7 ft. (from T.O.C.) (34) (36)

Sample temp. ° (37) (39) Background (X). . . . (40)

Ground water sampled by (Indicate one): (1) Bailing; (2) Pumping; (3) Other (Specify) 1 (41)

Sample Apparatus: Tan and Odor

Collector comments:

Craig J. Liska — DLPC
Collector — Div. or Company

Interpreter — Div. or Company

	PARAMETERS*	PPM*
27	Alkalinity[1]	
31	Ammonia as N	
37	Arsenic As	
44	Barium Ba	
49	BOD -5	
53	Boron B	
58	Cadmium Cd	
64	Calcium Ca	
69	COD	
73	X Chloride Cl	64

LPCSM040

27	Chromium Cr (tot)	
33	Chromium Cr^{+6}	
39	Copper Cu	
45	Cyanide CN	
52	Fecal Coli	
56	Fluoride F	
61	Hardness $CaCO_3$	
65	X Iron Fe	0.0
70	Lead Pb	

LPCSM050

27	Magnesium Mg	
32	X Manganese Mn	0.46
38	Mercury Hg	
46	Nickel Ni	
51	Nitrate-nitrite N	
56	Oil and Grease	
60	X pH (Units)	7.4
66	X Phenolics	0.00
70	Phosphorus P	
75	Selenium Se	

LPCSM060

27	Sulfate (Sulfate)	
33	Zinc Zn	
39	Silver Ag	
44	X Sodium Na	75
49	X SC (micros/cm)	1020
53	X Sulfide SO_4	100
57	Total P	
63		

LAB USE ONLY
Lab No. C 5792
Date Received [illegible]
Received by _____ Time [illegible] a.m./p.m.
Sample temp. acceptable YES NO
Sample properly preserved YES NO
Date completed
Date Forwarded JUN 27 1984
[illegible] Laughery
Supervisor Signature

Environmental Protection Agency
Division of Laboratory Services
2121 W. Taylor Street
Chicago, Illinois 60612

LPCSM020
Lab Comments:

(27) _____ (30)
(37) _____ (40)
(47) _____ (50)
(57) _____ (60)
(67) _____ (70)

Private Lab (X) (77)
IEPA Lab (X)

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*Analyses are to be performed on unfiltered samples. *Values exceeding no. of place shown are reported in the lab comments section; tests requested but not run should also be explained in the lab comments section.

[1]Alkalinity is to be determined [illegible] $CaCO_3$ at pH 4.5.

IL 532-0313
LPC 8 2/23

Program Code L P 4 1

Info transcribed for computer J.L.

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND POLLUTION CONTROL
CHEMICAL ANALYSIS FORM

RECORD CODE: L P C S M 0 1 (1–7) TRANS CODE: A (8)

REPORT DUE DATE (36) M ___ / D ___ / Y (41) FEDERAL ID NUMBER ___

SITE INVENTORY NUMBER (9–18): C 3 1 5 5 0 0 0 3

MONITOR POINT NUMBER (see Instructions) (19–22): C 1 0 1

REGION ___ CO ___

DATE COLLECTED (23) M 0 / D 2 / Y 8 (28)

LOCATION ___ RESPONSIBLE PARTY ___

IEPA LAB (x or Blank) (see Instructions) (29): Y

FOR IEPA USE ONLY

COMPLAINT NO. ___

DATE RECEIVED (42) M 0 / D 2 / Y 4 (47)

SAMPLING PURPOSE CODE (see Instructions) (48): 14

TIME CARD PROGRAM CODE (49–52): 1 1 4 1 & UNIT CODE (53): K

BACKGROUND SAMPLE (X) (54) ___

TIME COLLECTED (24 HR CLOCK) (55) H ___ (56) M ___

UNABLE TO COLLECT SAMPLE (see Instructions) (59) ___

MONITOR POINT SAMPLED BY (see Instructions) (60): 1 ___ OTHER (SPECIFY)

SAMPLE FIELD FILTERED - INORGANICS (X) (61) ___ ORGANICS (X) (62) ___

SAMPLE APPEARANCE (63): Turbid

COLLECTOR COMMENTS (103): Slub up 2.7 ft. (102)

SPECIAL INSTRUCTIONS TO LAB (142) ___

COLLECTED BY ___ (143) INITIALS (145) ___ DIVISION OR COMPANY ___ TRANSPORTED BY ___ DIVISION OR COMPANY ___

LAB USE ONLY

LAB SAMPLE NO. ___ LAB NAME AND ADDRESS ___ LAB ID NO. (146) ___

DATE RECEIVED ___

TIME RECEIVED ___

SAMPLE TEMP OKAY (Y N) ___ SAMPLE PROPERLY PRESERVED (Y N) ___ DATE COMPLETED ___ FORWARD ___

LAB COMMENTS (150) ___ (199)

SUPERVISOR SIGNATURE ___

RECORD CODE: L P C S M 0 2 (1–7) TRANS CODE: A (8)

FIELD MEASUREMENTS CONSTITUENT DESCRIPTION AND REQUIRED UNIT OF MEASURE	STORET NUMBER			< OR >	VALUE	
DEPTH TO WATER (ft. below LS)	72019					
ELEVATION OF GW SURFACE (ft. ref MSL)	72109					
TOTAL WELL DEPTH (ft. below LS)	72008					
ALKALINITY TOTAL mg/l as CaCO3 - Field	00443					
REDOX POTENTIAL millivolts - Field	00090					
pH (units) - Field	00400					
SPEC CONDUCTANCE (umhos) - Field	00094					
TEMP OF WATER SAMPLE (°F) - Field	00011					

This Agency is authorized to require this information under Illinois Revised Statutes 1979, Chapter 111 1/2, Section 1004 and 1021. Disclosure of this information is required. Failure to do so may result in a penalty up to $25,000 for each day the failure continues, a fine up to $1,000.00 and imprisonment up to one year. This form has been approved by the Forms Management Center.

EPA/DLPC

CHEMICAL ANALYSIS FORM

RECORD CODE L P C S M 0 2 (1–7) TRANS CODE A (8)

SITE INVENTORY NUMBER 0 3 1 6 5 0 0 0 3 (9–18)

MONITOR POINT NUMBER G 1 – 1 (19–22)

REGION _____ CO. _____

DATE COLLECTED 23 M D Y 25

IEPA LAB (x or Blank) X (29)

LOCATION / RESPONSIBLE PARTY

LAB MEASUREMENTS CONSTITUENT DESCRIPTION AND REQUIRED UNIT OF MEASURE	STORET NUMBER			< OR >	VALUE	REPORTING LEVEL	
T ALK CACO3 MG/L LAB	00410 (30–34)	35	36	37	38–45	46	47
NH3+NH4- N DISS MG/L	00608						
NO2&NO3 N DISS MG/L	00631						
PHOS- DISS MG/L P	00666						
T ORG C AS C MG/L	00680						
CYANIDE DISSOLVED UG/L	00723						
CALCIUM CA, DISS MG/L	00915						
MGNSIUM MG, DISS MG/L	00925						
SODIUM NA, DISS MG/L	00930				25		
PTSSIUM K, DISS MG/L	00935						
CHLORIDE CL, MG/L	00940				[illegible]		
SULFATE SO4, DISS MG/L	00946				[illegible]		
FLUORIDE F, DISS MG/L	00950						
ARSENIC AS, DISS UG/L	01000						
BARIUM BA, DISS UG/L	01005						
BORON B, DISS UG/L	01020						
CADMIUM CD, DISS UG/L	01025						
CHROMIUM CR, DISS UG/L	01030						
IRON FE, DISS UG/L	01046				[illegible]		
LEAD PB, DISS UG/L	01049						
MANGANESE MN, DISS UG/L	01056				[illegible]		
NICKEL NI, DISS UG/L	01065						
SILVER AG, DISS UG/L	01075						
ZINC ZN, DISS UG/L	01090						
SELENIUM SE, DISS UG/L	01145						
PHENOLS TOTAL UG/L	32730				[illegible]		
RESIDUE DISS-180 C MG/L	70300						
MERCURY HG, DISS UG/L	71890						

IEPA/DLPC

CHEMICAL ANALYSIS FORM

RECORD CODE L P C S M 0 2 (1–7) TRANS CODE A (8)

SITE INVENTORY NUMBER 0 3 1 6 5 0 0 0 0 3 (9–18)

MONITOR POINT NUMBER 0 1 0 1 (19–22)

REGION _____ CO. _____

DATE COLLECTED 0 6 / 0 5 / 8 4 (23 M D Y 28)

LOCATION / RESPONSIBLE PARTY

IEPA LAB (x or Blank) (29)

LAB MEASUREMENTS CONSTITUENT DESCRIPTION AND REQUIRED UNIT OF MEASURE	STORET NUMBER	REMARKS (SEE INSTRUCT)	REPLICATE	< OR >	VALUE	REPORTING LEVEL	
LAB P-511	00403 (30–34)	(35)	(36)	(37)	75 (38–47)	(48)	(49)
ANALYTICAL DESC UNITS Lab	00095				1020		

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JUL 26 1984

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C 5791 JUN 6

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL
CHEMICAL ANALYSIS FORM

E.P.A. — D.L.P.C.
STATE OF ILLINOIS

Key for Determining Type of Monitoring Point

(G) Ground Water	(L) Leachate	(X) Special
(1) Upstream	(1) Monitor Well	(1) Flow or seep	(1) Soil
(2) Mid-site	(2) Private well	(2) Pond	(2) Waste
(3) Downstream	(3) Spring	(3) Collection System	(3) Other
(4) Run-off	(4) Lysimeter		
(5) Impounded	(5) Public W S		

Sampling Purpose 04

Name (Private Well, Stream, Spring, Impounded Water only) Monitor well : MW-2A

L P C S M 0 1 0 (1) (8) SITE INVENTORY NUMBER 0 3 1 6 5 0 0 3 (9) (16)

MONITOR POINT NUMBER G L 0 2 (17) (20) DATE COLLECTED 0 6 0 5 8 4 (21) (26)

Cook Co. - LPC REGION N (27)

Chicago (Location) / Sherwin Williams (Responsible Party)

Legal (1); Illegal (2); Indicate One: 1 (28) Board Order (X) (29)

Time Collected 11:10 a.m. p.m. Unable to collect sample (X) (30)

Stick-up 2.8 ft. (31) (33) Depth to water (from T.O.C.) 5.7 ft. (34) (36)

Sample temp. ° (37) (39) Background (X). . . . (40)

Ground water sampled by (Indicate one): (1) Bailing; (2) Pumping; (3) Other (Specify) 1 (41)

Sample Appearance: Clear

Collector comments:

Craig J. Liska — Collected by — DLPC Div. or Company

Transported by — Div. or Company

LAB USE ONLY

Lab No. C005791

Date Rec'd 6.6.84

Rec'd by Jones Time 10:15 a.m. p.m.

Sample temp. acceptable YES NO

Sample properly preserved YES NO

Date completed

Date forwarded JUL. 25. 1984

J Daugherty
Supervisor Signature

Name Environmental Protection Agency
Address Division of Laboratory Services
of Lab 2121 W. Taylor Street
Chicago, Illinois 60612

LPCSM020
Lab Comments:

(27) (36)

(37) (46)

(47) (56)

(57) (66)

(67) (76)

Private Lab (X)

IEPA Lab (X) (X) (77)

LPCSM030

		PARAMETERS*	PPM*
27		Alkalinity[1]	
31		Ammonia as N	
37		Arsenic As	
44		Barium Ba	
49		BOD -5	
53		Boron B	
58		Cadmium Cd	
64		Calcium Ca	
69		COD	
73	X	Chloride Cl	555

LPCSM040

27		Chromium Cr (tot)	
33		Chromium Cr^{+6}	
39		Copper Cu	
45		Cyanide CN	
52		Fecal Coli (#/100 ml)	
56		Fluoride F	
61		Hardness $CaCO_3$	
65	X	Iron Fe	0.2
70		Lead Pb	

LPCSM050

27		Magnesium Mg	
32	X	Manganese Mn	1.08
38		Mercury Hg	
46		Nickel Ni	
51		Nitrate-nitrite N	
56		Oil and Grease	
60	X	pH (Units)	7.3
63	X	Phenolics	0.016
70		Phosphorus P	
76		Potassium K	

LPCSM060

27		B.O.D. (180°C)	
31		Selenium Se	
38		Silver Ag	
44	X	Sodium Na	650 *
49	X	SC (µmhos/cm)	5203
53	X	Sulfate SO_4	1920 *
58		Zinc Zn	
63			

*Analyses are to be performed on unfiltered samples. *Values exceeding no. of places shown are reported in the lab comments section; tests requested but not run should also be explained in the lab

[1] Alkalinity is to be determined as ppm $CaCO_3$ at pH 4.5.

Info Transcribed for Computer J.C.

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND POLLUTION CONTROL
CHEMICAL ANALYSIS FORM

RECORD CODE: L P C S M 0 1 (1–7) TRANS CODE: A (8)

REPORT DUE DATE (36) M ___ / D ___ / Y (41) FEDERAL ID NUMBER ___

SITE INVENTORY NUMBER (9–18): 0 3 1 6 5 0 0 0 0 3

REGION: N CO.: Cook

LOCATION: Chicago RESPONSIBLE PARTY: Sherwin Williams

MONITOR POINT NUMBER (see Instructions) (19–22): 0 1 0 2

DATE COLLECTED (23–28): M 0 6 D 0 5 Y 8 4

IEPA LAB (x or Blank) (see Instructions) (29): X

FOR IEPA USE ONLY

COMPLAINT NO. ___

DATE RECEIVED (42–47): M 0 7 D 2 6 Y 8 4

SAMPLING PURPOSE CODE (see Instructions) (48): 4

TIME CARD PROGRAM CODE (49–52): L P 4 1 & UNIT CODE (53): K

BACKGROUND SAMPLE (X) (54) ___

TIME COLLECTED (24 HR CLOCK) (55–58): H 1 1 M 0

UNABLE TO COLLECT SAMPLE (see Instructions) (59) ___

MONITOR POINT SAMPLED BY (see Instructions) (60): 1 OTHER (SPECIFY) ___

SAMPLE FIELD FILTERED - INORGANICS (X) (61) ___ ORGANICS (X) (62) ___

SAMPLE APPEARANCE (63–102): Clear

COLLECTOR COMMENTS (103–142) ___

SPECIAL INSTRUCTIONS TO LAB ___

COLLECTED BY: Craig J Liska (143) INITIALS: C J L (145) DIVISION OR COMPANY: DLPC TRANSPORTED BY ___ DIVISION OR COMPANY ___

LAB USE ONLY

LAB SAMPLE NO. ___ LAB NAME AND ADDRESS: Environmental Protection Agency, Division of Laboratory Services, 2131 W. Taylor St, Chicago, Il. 60612 LAB ID NO. (146–149): 0 0 0 6

DATE RECEIVED ___

TIME RECEIVED ___

SAMPLE TEMP OKAY (Y/N) ___ SAMPLE PROPERLY PRESERVED (Y/N) ___ DATE COMPLETED ___ FORWARD ___

LAB COMMENTS (150–199) ___

SUPERVISOR SIGNATURE ___

RECORD CODE: L P C S M 0 2 (1–7) TRANS CODE: A (8)

FIELD MEASUREMENTS CONSTITUENT DESCRIPTION AND REQUIRED UNIT OF MEASURE	STORET NUMBER	REMARKS (35)	REPLICATE (36)	< OR > (37)	VALUE (38–47)	REPORTING LEVEL (48)	REPORTING LEVEL (49)
DEPTH TO WATER (ft. below LS)	7 2 0 1 9 (30–34)				2 9		
ELEVATION OF GW SURFACE (ft. ref MSL)	7 1 9 9 3						
TOTAL WELL DEPTH (ft. below LS)	7 2 0 0 8						
ALKALINITY TOTAL (mg/l as CaCO3) - Field	0 0 4 3 1						
REDOX POTENTIAL (millivolt) - Field	0 0 0 9 0						
pH (units) - Field	0 0 4 0 0						
SPEC CONDUCTANCE (umhos) - Field	0 0 0 9 4						
TEMP OF WATER SAMPLE (°F) - Field	0 0 0 1 1						

This Agency is authorized to require this information under Illinois Revised Statutes, 1979, Chapter 111 1/2, Section 1004 and 1021. Disclosure of this information is required. Failure to do so may result in a civil penalty up to $25,000 for each day the failure continues, a fine up to $1,000.00 and imprisonment up to one year. This form has been approved by the Forms Management Center.

IL 532-1218

IEPA/DLPC

CHEMICAL ANALYSIS FORM

RECORD CODE L P C S M 0 2 (1–7) TRANS CODE A (8)

SITE INVENTORY NUMBER 0 3 1 6 5 0 0 0 3 (9–18)

MONITOR POINT NUMBER 0 1 C 2 (19–22)

REGION IX CO. Cook

DATE COLLECTED 0 6 1 0 5 7 4 (23 M D Y 28)

Chicago (LOCATION) Sherwin Williams (RESPONSIBLE PARTY)

IEPA LAB (x or Blank) X (29)

LAB MEASUREMENTS CONSTITUENT DESCRIPTION AND REQUIRED UNIT OF MEASURE	STORET NUMBER (30–34)	REMARKS (35)	REPLICATE (36)	< OR > (37)	VALUE (38–47)	REPORTING LEVEL: DIGITS TO OR R	REPORTING LEVEL: # OF DECIMAL (49)
T ALK CACO3 MG/L LAB	00410						
NH3+NH4- N DISS MG/L	00608						
NO2&NO3 N DISS MG/L	00631						
PHOS-DISS MG/L P	00666						
T ORG C AS C MG/L	00680						
CYANIDE, TOTAL MG/L	00720						
CALCIUM CA, DISS MG/L	00915						
MGNSIUM MG, DISS MG/L	00925						
SODIUM NA, DISS MG/L	00930				650		
PTSSIUM K, DISS MG/L	00935						
CHLORIDE CL, MG/L	00940				555		
SULFATE SO4, DISS MG/L	00946				1920		
FLUORIDE F, DISS MG/L	00950						
ARSENIC AS, DISS UG/L	01000						
BARIUM BA, DISS UG/L	01005						
BORON B, DISS UG/L	01020						
CADMIUM CD, DISS UG/L	01025						
CHROMIUM CR, DISS UG/L	01030						
IRON FE, DISS UG/L	01046				200		
LEAD PB, DISS UG/L	01049						
MANGANESE MN, DISS UG/L	01056				1050		
NICKEL NI, DISS UG/L	01065						
SILVER AG, DISS UG/L	01075						
ZINC ZN, DISS UG/L	01090						
SELENIUM SE, DISS UG/L	01145						
PHENOLS TOTAL UG/L	32730				10		
RESIDUE ON EVAP 180° C MG/L	70300						
MERCURY HG, DISS UG/L	71890						

EPA/DLPC

CHEMICAL ANALYSIS FORM

RECORD CODE L P C S M 0 2 (1–7) TRANS CODE A (8)

SITE INVENTORY NUMBER 0 3 1 6 5 0 0 0 0 3 (9–18)

MONITOR POINT NUMBER 6 1 0 2 (19–22)

REGION 14 CO. Cook

DATE COLLECTED 0 6 0 5 9 4 (23 M D Y 28)

Chicago (LOCATION) Sherwin Williams (RESPONSIBLE PARTY)

IEPA LAB (x or Blank) X (29)

LAB MEASUREMENTS CONSTITUENT DESCRIPTION AND REQUIRED UNIT OF MEASURE	STORET NUMBER	REMARKS SEE LIST	REPLICATE	< OR >	VALUE	REPORTING LEVEL	
Lab PH, SU	00403 (30–34)	(35)	(36)	(37)	7.3 (38–47)	(48)	(49)
Conductivity Labs	00746				5203		

RECEIVED JUN 27 1984

Info transcribed for computer J.C.

C 5790 JUN 6

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL
CHEMICAL ANALYSIS FORM

Key for Determining Type of Monitoring Point

(S) Surface Water	(G) Ground Water	(L) Leachate	(X) Special
(1) Upstream	(1) Monitor Well	(1) Flow or seep	(1) Soil
(2) Mid-site	(2) Private well	(2) Pond	(2) Waste
(3) Downstream	(3) Spring	(3) Collection System	(3) Other
(4) Run-off	(4) Lysimeter		
(5) Impounded	(5) Public W S		

Sampling Purpose 04

Name (Private Well, Stream, Spring, Impounded Water only) Monitor well = MW8

L P C S M 0 1 0 (1)–(8) SITE INVENTORY NUMBER 0 3 1 6 5 0 0 3 (9)–(16)

MONITOR POINT NUMBER G 1 0 8 (17)–(20) DATE COLLECTED 0 6 0 5 8 4 (21)–(26)

Cook Co. - LPC REGION N (27)

Chicago (Location) / Sherwin Williams (Responsible Party)

Legal (1); Illegal (2); Indicate One: 1 (28) Board Order (X) (29)

Time Collected 10:40 a.m. p.m. Unable to collect sample (X) (30)

Stick-up 2.8 ft. (31)–(33) Depth to water (from T.O.C.) 5.7 ft. (34)–(36)

Sample temp. ° (37)–(39) Background (X). . . . (40)

Ground water sampled by (Indicate one): (1) Bailing; (2) Pumping; (3) Other (Specify) 1 (41)

Sample Appearance: clear slight odor

Collector comments:

Craig J. Liska — Collected by — DLPC Div. or Company

Transported by — Div. or Company

LAB USE ONLY

Lab No. C005790

Date Rec'd 6 6 84

Rec'd by [illegible] Time 10:45 a.m.

Sample temp. acceptable YES NO

Sample properly preserved YES NO

Date completed

Date forwarded JUN. 27. 1984

J. Daugherty — Supervisor Signature

Name Environmental Protection Agency

Address Division of Laboratory Services

of Lab 2200 W. Taylor Street

Chicago, Illinois 60612

LPCSM020 Lab Comments:

(34)–(36)

(37)–(46)

(47)–(56)

(57)–(66)

(67)–(76)

Private Lab (X)

IEPA Lab (X) (X) (77)

LPCSM030

		PARAMETERS*	PPM*
27		Alkalinity[1]	
31		Ammonia as N	
37		Arsenic As	
44		Barium Ba	
49		BOD -5	
53		Boron B	
58		Cadmium Cd	
64		Calcium Ca	
69		COD	
73	X	Chloride Cl	31

LPCSM040

27		Chromium Cr (tot)	
33		Chromium Cr^{+6}	
39		Copper Cu	
45		Cyanide CN	
52		Fecal Coli (#/100 ml)	
56		Fluoride F	
61		Hardness $CaCO_3$	
65	X	Iron Fe	0.1
70		Lead Pb	

LPCSM050

27		Magnesium Mg	
32	X	Manganese Mn	0.26
38		Mercury Hg	
46		Nickel Ni	
51		Nitrate-nitrite N	
56		Oil and Grease	
60	X	pH (Units)	7.7
63	X	Phenolics	0.032
70		Phosphorus P	
76		Potassium K	

LPCSM060

27		R.O.E. (180°C)	
31		Selenium Se	
38		Silver Ag	
44	X	Sodium Na	110 *
49	X	SC (µmhos/cm)	1334
53	X	Sulfate SO_4	172 *
58		Zinc Zn	
63			

*Analyses are to be performed on unfiltered samples. *Values exceeding no. of places shown are reported in the lab comments section; tests requested but not run should also be explained in the lab comments section.

[1] Alkalinity is to be determined as mg/l $CaCO_3$ at pH 4.5.

Program Code L P 4 1

IL 532-0313

Into Transcribed for Computer J.C.

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND POLLUTION CONTROL
CHEMICAL ANALYSIS FORM

RECORD CODE: L P C S M 0 1 (1–7) TRANS CODE: A (8)

REPORT DUE DATE M / D / Y (36–41) FEDERAL ID NUMBER

SITE INVENTORY NUMBER 0 3 1 6 5 0 0 0 0 3 (9–18)

MONITOR POINT NUMBER (see Instructions) G 1 0 8 (19–22)

REGION CO.

DATE COLLECTED 0 6 / 0 5 / 8 4 (23–28)

LOCATION / RESPONSIBLE PARTY

IEPA LAB (x or Blank) (see Instructions) X (29)

FOR IEPA USE ONLY

COMPLAINT NO.

DATE RECEIVED 0 6 / 2 7 / 8 4 (42–47)

SAMPLING PURPOSE CODE (see Instructions) 4 (48)

TIME CARD PROGRAM CODE L P 4 1 (49–52) & UNIT CODE K (53)

BACKGROUND SAMPLE (X) (54)

TIME COLLECTED (24 HR CLOCK) 1 0 : 4 0 (55 H – 58 M)

UNABLE TO COLLECT SAMPLE (see Instructions) (59)

MONITOR POINT SAMPLED BY (see Instructions) 1 (60) OTHER (SPECIFY)

SAMPLE FIELD FILTERED - INORGANICS (X) (61) ORGANICS (X) (62)

SAMPLE APPEARANCE (63) Clear slight odor

COLLECTOR COMMENTS (103) STICK-UP 2.8 FT. (102)

(142)

SPECIAL INSTRUCTIONS TO LAB

COLLECTED BY (143) C INITIALS (145) L DIVISION OR COMPANY TRANSPORTED BY DIVISION OR COMPANY

LAB USE ONLY

LAB SAMPLE NO. LAB NAME LAB ID NO. 0 0 0 C (146–149)

DATE RECEIVED AND ADDRESS

TIME RECEIVED

SAMPLE TEMP OKAY (Y/N) SAMPLE PROPERLY PRESERVED (Y/N) DATE COMPLETED FORWARD

LAB COMMENTS (150) (199)

SUPERVISOR SIGNATURE

RECORD CODE L P C S M 0 2 (1–7) TRANS CODE A (8)

FIELD MEASUREMENTS CONSTITUENT DESCRIPTION AND REQUIRED UNIT OF MEASURE	STORET NUMBER	REMARKS (35)	SEE INST (36)	REPLICATE (37)	< OR >	VALUE (38–47)	REPORTING LEVEL DIGITS TO THE RIGHT (48)	REPORTING LEVEL DIGITS TO THE LEFT (49)
DEPTH TO WATER (ft. below LS)	72019 (30–34)					29		
ELEVATION OF GW SURFACE (ft. ref MSL)	71993							
TOTAL WELL DEPTH (ft. below LS)	72008							
ALKALINITY TOTAL (mg/l as CaCO3) - Field	00431							
REDOX POTENTIAL (millivolt) - Field	00090							
pH (units) - Field	00400							
SPEC CONDUCTANCE (umhos) - Field	00094							
TEMP OF WATER SAMPLE (°F) - Field	00011							

This Agency is authorized to require this information under Illinois Revised Statutes, 1979, Chapter 111 1/2, Section 1004 and 1021. Disclosure of this information is required. Failure to do so may result in a civil penalty up to $25,000 for each day the failure continues, a fine up to $1,000.00 and imprisonment up to one year. This form has been approved by the Forms Management Center.

IEPA/DLPC

CHEMICAL ANALYSIS FORM

RECORD CODE L P C S M 0 2 (1–7) TRANS CODE A (8)

SITE INVENTORY NUMBER 0 3 1 6 5 0 0 0 0 3 (9–18)

MONITOR POINT NUMBER G 1 0 8 (19–22)

REGION _____ CO. _____

DATE COLLECTED 0 6 0 5 8 4 (23 M D Y 25)

IEPA LAB (x or Blank) X (29)

LOCATION RESPONSIBLE PARTY

LAB MEASUREMENTS CONSTITUENT DESCRIPTION AND REQUIRED UNIT OF MEASURE	STORET NUMBER	REMARKS	REPLICATE	< OR >	VALUE	REPORTING LEVEL	
T ALK CACO3 MG/L LAB	00410 (30–34)	35	36	37	38 — 47	48	49
NH3+NH4- N DISS MG/L	00608						
NO2&NO3 N DISS MG/L	00631						
PHOS- DISS MG/L P	00666						
T ORG C AS C MG/L	00680						
CYANIDE DISSOLVED UG/L	00723						
CALCIUM CA, DISS MG/L	00915						
MGNSIUM MG, DISS MG/L	00925						
SODIUM NA, DISS MG/L	00930				110		
PTSSIUM K, DISS MG/L	00935						
CHLORIDE CL, MG/L	00940				31		
SULFATE SO4, DISS MG/L	00946				172		
FLUORIDE F, DISS MG/L	00950						
ARSENIC AS, DISS UG/L	01000						
BARIUM BA, DISS UG/L	01005						
BORON B, DISS UG/L	01020						
CADMIUM CD, DISS UG/L	01025						
CHROMIUM CR, DISS UG/L	01030						
IRON FE, DISS UG/L	01046				100		
LEAD PB, DISS UG/L	01049						
MANGANESE MN, DISS UG/L	01056				200		
NICKEL NI, DISS UG/L	01065						
SILVER AG, DISS UG/L	01075						
ZINC ZN, DISS UG/L	01090						
SELENIUM SE, DISS UG/L	01145						
PHENOLS TOTAL UG/L	32730				32		
RESIDUE DISS-180 C MG/L	70300						
MERCURY HG, DISS UG/L	71890						

IEPA/DLPC

CHEMICAL ANALYSIS FORM

RECORD CODE L P C S M 0 2 (1–7) TRANS CODE A (8)

SITE INVENTORY NUMBER 0 3 1 6 5 0 0 0 0 3 (9–18)

MONITOR POINT NUMBER G 1 0 8 (19–22)

REGION _____ CO. _____

DATE COLLECTED 0 6 0 5 8 4 (23 M D Y 28)

IEPA LAB (x or Blank) X (29)

LOCATION / RESPONSIBLE PARTY

LAB MEASUREMENTS CONSTITUENT DESCRIPTION AND REQUIRED UNIT OF MEASURE	STORET NUMBER	REMARKS (35)	SEE INST.	REPLICATE (36)	< OR > (37)	VALUE (38–47)	REPORTING LEVEL DIGITS (48)	REPORTING LEVEL LOCATION OF DECIMAL (49)
LAB PH SU	00403 (30–34)					7.7		
CNDUCTVY @ 25C UMHOS Lab	00095					1334		

RECEIVED JUN 27 1984 — into transition for computer J.C.

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL
CHEMICAL ANALYSIS FORM

E.P.A. — D.L.P.C. STATE OF ILLINOIS

C 5789 JUN 6 84

Key for Determining Type of Monitoring Point

(C) Surface Water	(G) Ground Water	(L) Leachate	(X) Special
(1) Upstream	(1) Monitor Well	(1) Flow or seep	(1) Soil
(2) Mid-site	(2) Private well	(2) Pond	(2) Waste
(3) Downstream	(3) Spring	(3) Collection System	(3) Other
(4) Run-off	(4) Lysimeter		
(5) Impounded	(5) Public W S		

Sampling Purpose 0 4

Name (Private Well, Stream, Spring, Impounded Water only): Monitor well = MW-9

L P C S M 0 1 0 (8) SITE INVENTORY NUMBER 0 3 1 6 5 0 0 3 (9–16)

MONITOR POINT NUMBER G 1 0 9 (17–20) DATE COLLECTED 0 6 0 5 8 4 (21–26)

Cook Co. - LPC REGION N (27)

Chicago (Location) / Sherwin Williams (Responsible Party)

Legal (1); Illegal (2); Indicate One: 1 (28) Board Order (X) (29)

Time Collected 10:55 a.m. p.m. Unable to collect sample (X) (30)

Stick-up 3.1 ft. (31–33) Depth to water (from T.O.C.) 4.7 ft. (34–36)

Sample temp. ° (37–39) Background (X). . . . (40)

Ground water sampled by (Indicate one): (1) Bailing; (2) Pumping; (3) Other (Specify) _____ 1 (41)

Sample Appearance: Clear slight cresote odor

Collector comments:

Craig J. Liska — Collected by; OLPC — Div. or Company

Transported by — Div. or Company

LAB USE ONLY

Lab No. C005789

Date Rec'd 6.6.84

Rec'd by [illegible] Time 10:15 a.m. p.m.

Sample temp. acceptable YES NO

Sample properly preserved YES NO

Date completed

Date forwarded JUN 27 1984

Dougherty — Supervisor Signature

Name Environmental Protection Agency
Address Division of Laboratory Services
of Lab 2121 W. Taylor Street
Chicago, Illinois 60612

LPCSM020 Lab Comments:

(27–36)

(37–46)

(47–56)

(57–66)

(67–76)

Private Lab (X)

IEPA Lab (X) (X) (77)

LPCSM030

		PARAMETERS*	PPM*
27		Alkalinity[1]	
31		Ammonia as N	
37		Arsenic As	
44		Barium Ba	
49		BOD -5	
53		Boron B	
58		Cadmium Cd	
64		Calcium Ca	
69		COD	
73	X	Chloride Cl	68

LPCSM040

27		Chromium Cr (tot)	
33		Chromium Cr^{+6}	
39		Copper Cu	
45		Cyanide CN	
52		Fecal Coli (#/100 ml)	
56		Fluoride F	
61		Hardness $CaCO_3$	
65	X	Iron Fe	0.0
70		Lead Pb	

LPCSM050

27		Magnesium Mg	
32	X	Manganese Mn	0.01
38		Mercury Hg	
46		Nickel Ni	
51		Nitrate-nitrite N	
56		Oil and Grease	
60	X	pH (Units)	9.1
63	X	Phenolics	0.500
70		Phosphorus P	
76		Potassium K	

LPCSM060

27		R.O.E. (180°C)	
31		Selenium Se	
38		Silver Ag	
44	X	Sodium Na	110 *
49	X	SC (µmhos/cm)	1119
53	X	Sulfate SO_4	360 *
58		Zinc Zn	
63			

*Analyses are to be performed on unfiltered samples. *Values exceeding no. of places shown are reported in the lab comments section; tests requested but not run should also be explained in the lab comments section.

[1] Alkalinity is to be determined as mg/l $CaCO_3$ at pH 4.5.

Program Code L P 4 1

IL 532-0313