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Dle

UNCONTROLLED HAZARDOUS WASTE SITE INVESTIGATION

JACKSON COUNTY, MISSOURI

July 10, 1984

FACILITY

Kansas City Southern Railway Company
EKC Yard
5400 Gardner Street
Kansas City, Missouri 64120

INVESTIGATOR: William Goldkamp
Environmental Engineer
Division of Environmental Quality
Kansas City Regional Office
Missouri Department of Natural Resources

DATE INVESTIGATION INITIATED: June 25, 1984

DATE COMPLETED: July 2, 1984

BACKGROUND OF THE INVESTIGATION:

Kansas City Southern Railway applied for T.S.D. status on August 15, 1980. in order to protect all legal defenses available to it and to avoid the possibility of penalties. On November 17, 1980, it notified E.P.A. that, "We have now determined, through a detailed, on-site hazardous waste survey and a chemical analysis that Kansas City Southern Railway does not participate in hazardous waste activity as a treatment, storage or disposal facility as defined in 40 CFR 260, 261, 264 and 265." Records indicate that status was changed by E.P.A. on January 1, 1983, and that the facility was added to the ERRIS list November 7, 1983.

IDENTITY OF PERSON INTERVIEWED: Michael Carpenter
Environmental Engineer
Kansas City Southern Railway Company
114 West 11th Street
Kansas City, Missouri 64105
(816) 556-0343

EPA

POTENTIAL HAZARDOUS WASTE SITE
FINAL STRATEGY DETERMINATION

REGION	SITE NUMBER
VII	MOD 000805689

File this form in the regional Hazardous Waste Log File and submit a copy to: U.S. Environmental Protection Agency; Site Tracking System; Hazardous Waste Enforcement Task Force *(EN-335)*; 401 M St., SW; Washington, DC 20460.

I. SITE IDENTIFICATION

A. SITE NAME	B. STREET	
KANSAS CITY SOUTHERN RAILWAY CO.	5400 GARDNER	
C. CITY	**D. STATE**	**E. ZIP CODE**
KANSAS CITY	MO	64105

II. FINAL DETERMINATION

Indicate the recommended action*(s)* and agency*(ies)* that should be involved by marking 'X' in the appropriate boxes.

RECOMMENDATION	MARK 'X'	ACTION AGENCY: EPA	STATE	LOCAL	PRIVATE
A. NO ACTION NEEDED			X		
B. REMEDIAL ACTION NEEDED, BUT NO RESOURCES AVAILABLE *(If yes, complete Section III.)*					
C. REMEDIAL ACTION *(If yes, complete Section IV.)*					
D. ENFORCEMENT ACTION *(If yes, specify in Part E whether the case will be primarily managed by the EPA or the State and what type of enforcement action is anticipated.)*					

E. RATIONALE FOR FINAL STRATEGY DETERMINATION

THERE IS NO EVIDENCE THAT A RELEASE OF HAZARDOUS MATERIALS HAS EVER OCCURRED AT THIS SITE.

MDNR CONCURS WITH THIS DETERMINATION.

F. IF A CASE DEVELOPMENT PLAN HAS BEEN PREPARED, SPECIFY THE DATE PREPARED *(mo., day, & yr.)*	G. IF AN ENFORCEMENT CASE HAS BEEN FILED, SPECIFY THE DATE FILED *(mo., day, & yr.)*

H. PREPARER INFORMATION

1. NAME	2. TELEPHONE NUMBER	3. DATE *(mo., day, & yr.)*
GENE GUNN	(913) 236-2856	10/28/86

Pgl 10-30-86

III. REMEDIAL ACTIONS TO BE TAKEN WHEN RESOURCES BECOME AVAILABLE

List all remedial actions, such as excavation, removal, etc. to be taken as soon as resources become available. See instructions for a list of Key Words for each of the actions to be used in the spaces below. Provide an estimate of the approximate cost of the remedy.

A. REMEDIAL ACTION	B. ESTIMATED COST	C. REMARKS
	$	
	$	
	$	
	$	
	$	
	$	
	$	
	$	
D. TOTAL ESTIMATED COST	$	

NOV 12 1986
CERCLIS

SUPERFUND
NOV 12 1986
SITE LOG

EPA Form T2070-5 (10-79)

Continue On Reverse

THE KANSAS CITY SOUTHERN RAILWAY COMPANY
LOUISIANA & ARKANSAS RAILWAY COMPANY

THOMAS S. CARTER
PRESIDENT

114 WEST ELEVENTH STREET
KANSAS CITY, MISSOURI 64105

August 15, 1980

EPA Region VII
P. O. Box 15606
Kansas City, Missouri 64106

Re: The Kansas City Southern Ry EKC Yard
5400 Gardner
Kansas City, MO 64120

Gentlemen:

Enclosed is an executed EPA Form 8700-12 "(First) Notification of Hazardous Waste Activity" covering the above installation. Our preliminary investigation has not provided us with adequate information to determine whether the subject installation in any way handles listed wastes or wastes with hazardous characteristics. Therefore, in what may prove to be an excess of caution, we are filing this form, subject to subsequent sampling and analysis pursuant to 40 CFR Part 261, Subpart C. If such sampling and analysis indicates that none of the materials handled at subject installation are "hazardous wastes" we shall rescind this preliminary Notification.

In no way should the submission of the enclosed First Notification be construed at this point as confirmation that this installation definitely handles hazardous wastes. If you have any questions regarding the First Notification, please do not hesitate to contact the individual noted on the form.

Sincerely yours,

T. S. Carter

Thomas S. Carter

TSC:i
Encl.

Please Print or Type with a Pen. Read Instructions Before Completing This Form.

U.S. ENVIRONMENTAL PROTECTION AGENCY

EPA NOTIFICATION OF HAZARDOUS WASTE ACTIVITY

INSTALLATION'S EPA I.D. NO.

I. NAME OF INSTALLATION: THE KANSAS CITY SOUTHERN RY EKC YARD

II. INSTALLATION MAILING ADDRESS: 114 West 11th Street, Kansas City, Missouri 64105

PLEASE PLACE LABEL IN THIS SPACE

III. LOCATION OF INSTALLATION: 5400 Gardner, Kansas City, Missouri 64120

INSTRUCTIONS: If you received a preprinted label, affix it in the space at left. If any of the information on the label is incorrect, draw a line through it and supply the correct information in the appropriate section below. If the label is complete and correct, leave Items I, II, and III below blank. If you did not receive a preprinted label, complete all items. "Installation" means a single site where hazardous waste is generated, treated, stored and/or disposed of, or a transporter's principal place of business. Please refer to the INSTRUCTIONS FOR FILING NOTIFICATION before completing this form. The information requested herein is required by law *(Section 3010 of the Resource Conservation and Recovery Act).*

DETACH

FOR OFFICIAL USE ONLY

COMMENTS: C

INSTALLATION'S EPA I.D. NUMBER: F T/A C 1

APPROVED:

DATE RECEIVED (yr., mo., & day): 800818

I. NAME OF INSTALLATION

THE KANSAS CITY SOUTHERN RY EKC YARD

00-696-5859

II. INSTALLATION MAILING ADDRESS

STREET OR P.O. BOX: 3 114 WEST 11TH STREET

114 W 11th

CITY OR TOWN: 4 KANSAS CITY

ST.: MO

ZIP CODE: 64105

00-080-5689

III. LOCATION OF INSTALLATION

STREET OR ROUTE NUMBER: 5 5400 GARDNER

CITY OR TOWN: 6 KANSAS CITY

ST.: MO

ZIP CODE: 64120

IV. INSTALLATION CONTACT

NAME AND TITLE *(last, first, & job title)*: 2 CARPENTER MICHAEL ENVIR ENGR

PHONE NO. *(area code & no.)*: 816-556-0343

V. OWNERSHIP

A. NAME OF INSTALLATION'S LEGAL OWNER: 8 THE KANSAS CITY SOUTHERN RAILWAY CO.

B. TYPE OF OWNERSHIP *(enter the appropriate letter into box)*

F = FEDERAL
M = NON-FEDERAL

M

VI. TYPE OF HAZARDOUS WASTE ACTIVITY *(enter "X" in the appropriate box(es))*

- [X] A. GENERATION *
- [ ] B. TRANSPORTATION *(complete Item VII)*
- [X] C. TREAT/STORE/DISPOSE *
- [ ] D. UNDERGROUND INJECTION

VII. MODE OF TRANSPORTATION *(transporters only – enter "X" in the appropriate box(es))*

- [ ] A. AIR
- [ ] B. RAIL
- [ ] C. HIGHWAY
- [ ] D. WATER
- [ ] E. OTHER *(specify)*:

VIII. FIRST OR SUBSEQUENT NOTIFICATION

Mark "X" in the appropriate box to indicate whether this is your installation's first notification of hazardous waste activity or a subsequent notification. If this is not your first notification, enter your installation's EPA I.D. Number in the space provided below.

- [X] A. FIRST NOTIFICATION
- [ ] B. SUBSEQUENT NOTIFICATION *(complete Item C)*

C. INSTALLATION'S EPA I.D. NO.

IX. DESCRIPTION OF HAZARDOUS WASTES

Please go to the reverse of this form and provide the requested information.

CONTINUE ON REVERSE

EPA Form 8700-12 (6-80)

* Assuming subsequent sampling and analysis confirms existence of hazardous wastes.

EPA

ACKNOWLEDGEMENT OF NOTIFICATION OF HAZARDOUS WASTE ACTIVITY
(VERIFICATION)

This is to acknowledge that you have filed a Notification of Hazardous Waste Activity for the installation located at the address shown in the box below to comply with Section 3010 of the Resource Conservation and Recovery Act *(RCRA)*. Your EPA Identification Number for that installation appears in the box below. The EPA Identification Number must be included on all shipping manifests for transporting hazardous wastes; on all Annual Reports that generators of hazardous waste, and owners and operators of hazardous waste treatment, storage and disposal facilities must file with EPA; on all applications for a Federal Hazardous Waste Permit; and other hazardous waste management reports and documents required under Subtitle C of RCRA.

EPA I.D. NUMBER ➤ MOD000805689

The Kansas City Southern RY EKC Yard
114 West 11th Street
~~XXXXX~~
Kansas City, MO 64105

INSTALLATION ADDRESS ➤ 500 Gardner
Kansas City, MO 64120

EPA Form 8700-12B (4-80)

I.D. – FOR OFFICIAL USE ONLY

W	N	O	D	0	0	0	8	0	5	6	8	9	2	1
1	2											13	14	15

IX. DESCRIPTION OF HAZARDOUS WASTES *(continued from front)*

A. HAZARDOUS WASTES FROM NON–SPECIFIC SOURCES. Enter the four–digit number from 40 CFR Part 261.31 for each listed hazardous waste from non–specific sources your installation handles. Use additional sheets if necessary.

1	2	3	4	5	6
7	8	9	10	11	12

B. HAZARDOUS WASTES FROM SPECIFIC SOURCES. Enter the four–digit number from 40 CFR Part 261.32 for each listed hazardous waste from specific industrial sources your installation handles. Use additional sheets if necessary.

13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30

C. COMMERCIAL CHEMICAL PRODUCT HAZARDOUS WASTES. Enter the four–digit number from 40 CFR Part 261.33 for each chemical substance your installation handles which may be a hazardous waste. Use additional sheets if necessary.

31	32	33	34	35	36
37	38	39	40	41	42
43	44	45	46	47	48

D. LISTED INFECTIOUS WASTES. Enter the four–digit number from 40 CFR Part 261.34 for each listed hazardous waste from hospitals, veterinary hospitals, medical and research laboratories your installation handles. Use additional sheets if necessary.

49	50	51	52	53	54

E. CHARACTERISTICS OF NON–LISTED HAZARDOUS WASTES. Mark "X" in the boxes corresponding to the characteristics of non–listed hazardous wastes your installation handles. *(See 40 CFR Parts 261.21 – 261.24.)*

☐ 1. IGNITABLE (D001) ☐ 2. CORROSIVE (D002) ☐ 3. REACTIVE (D003) ☒ 4. TOXIC * (D000)

X. CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

SIGNATURE	NAME & OFFICIAL TITLE *(type or print)*	DATE SIGNED
T. S. Carter	T. S. Carter, President	8-15-80

EPA Form 8700-12 (6-80) REVERSE

Assuming subsequent sampling and analysis confirms existence of hazardous wastes.

Please print or type with ELITE type *(12 characters/inch)* in the unshaded areas only.

Form Approved OMB No. 158-S79016
GSA No. 0246-EPA-OT

EPA — U.S. ENVIRONMENTAL PROTECTION AGENCY
NOTIFICATION OF HAZARDOUS WASTE ACTIVITY

INSTALLATION'S EPA I.D. NO.	
I. NAME OF INSTALLATION	~~THE KANSAS CITY SOUTHERN RY EKC YARD~~
II. INSTALLATION MAILING ADDRESS	~~114 West 11th Street~~ ~~Kansas City, Missouri 64105~~
	PLEASE PLACE LABEL IN THIS SPACE
III. LOCATION OF INSTALLATION	~~5400 Gardner~~ ~~Kansas City, Missouri 64120~~

INSTRUCTIONS: If you received a preprinted label, affix it in the space at left. If any of the information on the label is incorrect, draw a line through it and supply the correct information in the appropriate section below. If the label is complete and correct, leave Items I, II, and III below blank. If you did not receive a preprinted label, complete all items. "Installation" means a single site where hazardous waste is generated, treated, stored and/or disposed of, or a transporter's principal place of business. Please refer to the INSTRUCTIONS FOR FILING NOTIFICATION before completing this form. The information requested herein is required by law *(Section 3010 of the Resource Conservation and Recovery Act).*

FOR OFFICIAL USE ONLY

COMMENTS: C

INSTALLATION'S EPA I.D. NUMBER	APPROVED	DATE RECEIVED (yr., mo., & day)
F MOD000805689 2 1		800818

I. NAME OF INSTALLATION

THE KANSAS CITY SOUTHERN RY EKC YARD

II. INSTALLATION MAILING ADDRESS

STREET OR P.O. BOX: 114 WEST 11TH STREET

CITY OR TOWN	ST.	ZIP CODE
KANSAS CITY	MO	64105

III. LOCATION OF INSTALLATION

STREET OR ROUTE NUMBER: 5400 GARDNER

CITY OR TOWN	ST.	ZIP CODE
KANSAS CITY	MO	64120

IV. INSTALLATION CONTACT

NAME AND TITLE *(last, first, & job title)*	PHONE NO. *(area code & no.)*
CARPENTER MICHAEL ENVIR ENGR	816-556-0343

V. OWNERSHIP

A. NAME OF INSTALLATION'S LEGAL OWNER: THE KANSAS CITY SOUTHERN RAILWAY CO.

B. TYPE OF OWNERSHIP *(enter the appropriate letter into box)*
F = FEDERAL
M = NON-FEDERAL
[M]

VI. TYPE OF HAZARDOUS WASTE ACTIVITY *(enter "X" in the appropriate box(es))*

- [X] A. GENERATION *
- [ ] B. TRANSPORTATION *(complete item VII)*
- [X] C. TREAT/STORE/DISPOSE *
- [ ] D. UNDERGROUND INJECTION

VII. MODE OF TRANSPORTATION *(transporters only – enter "X" in the appropriate box(es))*

- [ ] A. AIR
- [ ] B. RAIL
- [ ] C. HIGHWAY
- [ ] D. WATER
- [ ] E. OTHER *(specify)*:

VIII. FIRST OR SUBSEQUENT NOTIFICATION

Mark "X" in the appropriate box to indicate whether this is your installation's first notification of hazardous waste activity or a subsequent notification. If this is not your first notification, enter your Installation's EPA I.D. Number in the space provided below.

- [X] A. FIRST NOTIFICATION
- [ ] B. SUBSEQUENT NOTIFICATION *(complete item C)*

C. INSTALLATION'S EPA I.D. NO.

IX. DESCRIPTION OF HAZARDOUS WASTES

Please go to the reverse of this form and provide the requested information.

EPA Form 8700-12 (6-80)

CONTINUE ON REVERSE

Assuming subsequent sampling and analysis confirms existence of hazardous wastes.

Q4

State File

OMB#: 2050-0005 Expires: 1-31-83

1981 STATUS SHEET FOR NON-REGULATED GENERATORS

INSTRUCTIONS: THIS SHEET MUST BE COMPLETED ONLY BY INSTALLATIONS THAT NOTIFIED EPA OF HAZARDOUS WASTE ACTIVITY UNDER SECTION 3010 OF RCRA BUT DID NOT HANDLE REGULATED QUANTITIES OF HAZARDOUS WASTE AT ANY TIME DURING 1981 AND ARE NOT REQUIRED TO COMPLETE THE 1981 GENERATOR ANNUAL REPORT. If you received a preprinted label attached to the envelope in which this form was enclosed, affix it in the space provided, circle the appropriate code in section S-IV, sign the certification at the bottom of this page and return it to your EPA Regional Office by January 10, 1983 in the return envelope provided. If any of the information on the label is incorrect, draw a line through it and provide the correct information in the appropriate section below. If you did not receive a preprinted label, complete all sections.

AFFIX LABEL HERE

S-I. GENERATOR'S EPA I.D. NUMBER

F	M	0	D	0	0	0	8	0	5	6	8	9	T/A	C
1	2											13	14	15

S-II. NAME OF FACILITY

THE KANSAS CITY SOUTHERN RY ERC YARD

30 — 69

S-III. FACILITY MAILING ADDRESS

354 00 GARDNER

15 16 — 45

Street or P.O. Box

KANSAS CITY — MO — 64120

15 16 — 41 42 — 47 — 51

City or Town — State — Zip Code

S-IV. 1981 STATUS (Circle the code at right which best describes your installation's 1981 status. Circle only one code)

a. NON-HANDLER—did not handle hazardous waste in any quantity in 1981 1

b. SMALL QUANTITY GENERATOR—did not generate more than 1000 kg. of hazardous waste (or 1 kg. of acutely hazardous waste) in any single month or accumulate more than 1000 kg. of hazardous waste (or 1 kg. of acutely hazardous waste) on-site at any time during 1981 (40 CFR §261.5) 2

c. EXEMPT—all wastes generated in farming operations (40 CFR §262.51) or exempt pursuant to 40 CFR §261.4 4

d. BENEFICIAL USE—All hazardous waste generated was beneficially used, reused, or recycled in accordance with 40 CFR §261.2 and 40 CFR §261.6 5

e. CLOSED—installation was closed prior to 1981 9

S-V. CERTIFICATION

I certify under penalty of law that the installation identified above did not handle regulated quantities of hazardous waste during 1981 and that to the best of my knowledge this installation is not subject to the RCRA Annual Reporting requirement.

Michael L. Carpenter	Environmental Engineer	Michael L. Carpenter	1/4/83
Print/Type Name	Title	Signature of Authorized Representative	Date Signed

EPA

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

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
Mo.	D0000805689

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

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

Not observed

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

Not observed

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

Not observed

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

Not observed

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

Not observed

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

Not observed

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

Not observed

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

Not observed

III. TOTAL POPULATION POTENTIALLY AFFECTED:

IV. COMMENTS

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

E.P.A. files
Department of Natural Resource files
Michael Carpenter, Environmental Engineer, Kansas City Southern Railway Company

EPA FORM 2070 12-7-81

EPA

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

I. IDENTIFICATION
01 STATE: Mo. 02 SITE NUMBER: D000805689

II. HAZARDOUS CONDITIONS AND INCIDENTS

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

Not observed

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

Not observed

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

Not observed

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

Not observed

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

Not observed

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

Not observed

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

Not observed

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

Not observed

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

Not observed

EPA FORM 2070-12 (7-81)

EPA

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 2 - WASTE INFORMATION

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
Mo.	D000805689

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 _____
NO OF DRUMS _____

03 WASTE CHARACTERISTICS (Check all that apply)

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

III. WASTE TYPE

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

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

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

V. FEEDSTOCKS (See Appendix for CAS Numbers)

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

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

E.P.A. files
Michael Carpenter - Environmental Engineer, Kansas City Southern Railway Co.

EPA FORM 2070-12 (7-81)

EPA

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

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
Mo.	D000805689

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site)	02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER
Kansas City Southern Railway Co.	5400 Gardner

03 CITY	04 STATE	05 ZIP CODE	06 COUNTY	07 COUNTY CODE	08 CONG DIST
Kansas City	Mo.	64105	Jackson 95	~~015~~	14

09 COORDINATES LATITUDE	LONGITUDE	
39 07' 45"	94 30' 30"	NW ¼, Section 25, T 50 N, R 33 W Jackson County

10 DIRECTIONS TO SITE (Starting from nearest public road)

From downtown Kansas City proceed east on Independence to the intersection of Chestnut Trafficway. Follow it around as it changes into Gardner Road. Stay on Gardner and Kansas City Southern Railway Yards are on the right.

III. RESPONSIBLE PARTIES

01 OWNER (If known)	02 STREET (Business, mailing, residential)
Kansas City Southern Railways	114 West 11th Street

03 CITY	04 STATE	05 ZIP CODE	06 TELEPHONE NUMBER
Kansas City	Mo.	64105	816 556-0343

07 OPERATOR (If known and different from owner)	08 STREET (Business, mailing, residential)

09 CITY	10 STATE	11 ZIP CODE	12 TELEPHONE NUMBER
			( )

13 TYPE OF OWNERSHIP (Check one)

X A PRIVATE ☐ B FEDERAL _____ (Agency name) ☐ C STATE ☐ D COUNTY ☐ E MUNICIPAL

☐ F OTHER _____ (Specify) ☐ G UNKNOWN

14 OWNER-OPERATOR NOTIFICATION ON FILE (Check all that apply)

☐ A RCRA 3001 DATE RECEIVED 11 25 83 (MONTH DAY YEAR) ☐ B UNCONTROLLED WASTE SITE (CERCLA 103c) DATE RECEIVED _____ (MONTH DAY YEAR) ☐ C NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION

☐ YES ☐ NO DATE 7 02 84 (MONTH DAY YEAR)

BY (Check all that apply)

☐ A EPA ☐ B EPA CONTRACTOR X STATE ☐ D OTHER CONTRACTOR

☐ E LOCAL HEALTH OFFICIAL ☐ F OTHER _____ (Specify)

CONTRACTOR NAME(S) _____

02 SITE STATUS (Check one)

X A ACTIVE ☐ B INACTIVE ☐ C UNKNOWN

03 YEARS OF OPERATION

1920 (BEGINNING YEAR) 1984 (ENDING YEAR) ☐ UNKNOWN

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED

None observed

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION

None observed

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents)

☐ A HIGH (Inspection required promptly) ☐ B MEDIUM (Inspection required) ☐ C LOW (Inspect on time available basis) X D NONE (No further action needed, complete current disposition form)

VI. INFORMATION AVAILABLE FROM

01 CONTACT	02 OF (Agency/Organization)	03 TELEPHONE NUMBER
Michael Carpenter	Kansas City Southern Railways	816 556-0343

04 PERSON RESPONSIBLE FOR ASSESSMENT	05 AGENCY	06 ORGANIZATION	07 TELEPHONE NUMBER	08 DATE
William Goldkamp	MDNR	Env. Quality	816 274-6675	7/02/84

EPA FORM 2070-12 (7-81)

EPA

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

I. IDENTIFICATION
01 STATE: Mo. | 02 SITE NUMBER: D0000805689

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

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

Not observed

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

Not observed

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

Not observed

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

Not observed

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

Not observed

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

Not observed

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

Not observed

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

Not observed

III. TOTAL POPULATION POTENTIALLY AFFECTED: _____

IV. COMMENTS

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

E.P.A. files
Department of Natural Resource files
Michael Carpenter, Environmental Engineer, Kansas City Southern Railway Company

EPA FORM 2070-12 (7-81)

EPA

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

I. IDENTIFICATION
01 STATE: Mo. 02 SITE NUMBER: D000805089

II. HAZARDOUS CONDITIONS AND INCIDENTS

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

Not observed

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

Not observed

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

Not observed

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

Not observed

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

Not observed

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

Not observed

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

Not observed

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

Not observed

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

Not observed

EPA FORM 2070-12 (7-81)

EPA

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 2 - WASTE INFORMATION

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
Mo.	D000805689

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 _____
NO OF DRUMS _____

03 WASTE CHARACTERISTICS (Check all that apply)

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

III. WASTE TYPE

CATEGORY	SUBSTANCE NAME	01 GROSS AMOUNT	02 UNIT OF MEASURE	03 COMMENTS
SLU	SLUDGE			
OLW	OILY WASTE			
SOL	SOLVENTS			
PSO	PESTICIDES			
OCC	OTHER ORGANIC CHEMICALS			
IOC	INORGANIC CHEMICALS			
ACD	ACIDS			
BAS	BASES			
MES	HEAVY METALS			

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

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

V. FEEDSTOCKS (See Appendix for most frequently cited CAS Numbers)

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

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

E.P.A. files
Michael Carpenter - Environmental Engineer, Kansas City Southern Railway Co.

EPA FORM 2070-12 (7-81)

175

84 AUG REC'D ERRIS

EPA

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

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
Mo.	D000805689

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site): Kansas City Southern Railway Co.

02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER: 5400 Gardner

03 CITY: Kansas City

04 STATE	05 ZIP CODE	06 COUNTY	07 COUNTY CODE	08 CONG. DIST.
Mo.	64105	Jackson	95 ~~015~~	14

09 COORDINATES: LATITUDE 39 07' 45" LONGITUDE 94 30' 30"

NW ¼, Section 25, T 50 N, R 33 W Jackson County

10 DIRECTIONS TO SITE (Starting from nearest public road)

From downtown Kansas City proceed east on Independence to the intersection of Chestnut Trafficway. Follow it around as it changes into Gardner Road. Stay on Gardner and Kansas City Southern Railway Yards are on the right.

III. RESPONSIBLE PARTIES

01 OWNER (If known): Kansas City Southern Railways

02 STREET (Business, mailing, residence): 114 West 11th Street

03 CITY: Kansas City

04 STATE	05 ZIP CODE	06 TELEPHONE NUMBER
Mo.	64105	816 556-0343

07 OPERATOR (If known and different from owner):

08 STREET (Business, mailing, residence):

09 CITY:

10 STATE	11 ZIP CODE	12 TELEPHONE NUMBER
		( )

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

14 OWNER-OPERATOR NOTIFICATION ON FILE (Check all that apply): A RCRA 3001 DATE RECEIVED 11 25 83 (MONTH DAY YEAR) B UNCONTROLLED WASTE SITE (CERCLA 103c) DATE RECEIVED (MONTH DAY YEAR) C NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION: YES DATE 7 02 84 (MONTH DAY YEAR) NO

BY (Check all that apply): A EPA B EPA CONTRACTOR X STATE D OTHER CONTRACTOR E LOCAL HEALTH OFFICIAL F OTHER (Specify)

CONTRACTOR NAME(S):

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

03 YEARS OF OPERATION: 1920 (BEGINNING YEAR) 1984 (ENDING YEAR) UNKNOWN

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED

None observed

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION

None observed

V. PRIORITY ASSESSMENT

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

VI. INFORMATION AVAILABLE FROM

01 CONTACT	02 OF (Agency/Organization)	03 TELEPHONE NUMBER
Michael Carpenter	Kansas City Southern Railways	816 556-0343

04 PERSON RESPONSIBLE FOR ASSESSMENT	05 AGENCY	06 ORGANIZATION	07 TELEPHONE NUMBER	08 DATE
William Goldkamp	MDNR	Env. Quality	816 274-6675	7/02/84

EPA FORM 2070-12 (7-81)

SUPERFUND
AUG 1984
SITE LOG

APPENDIX A

PRELIMINARY ASSESSMENT FORM

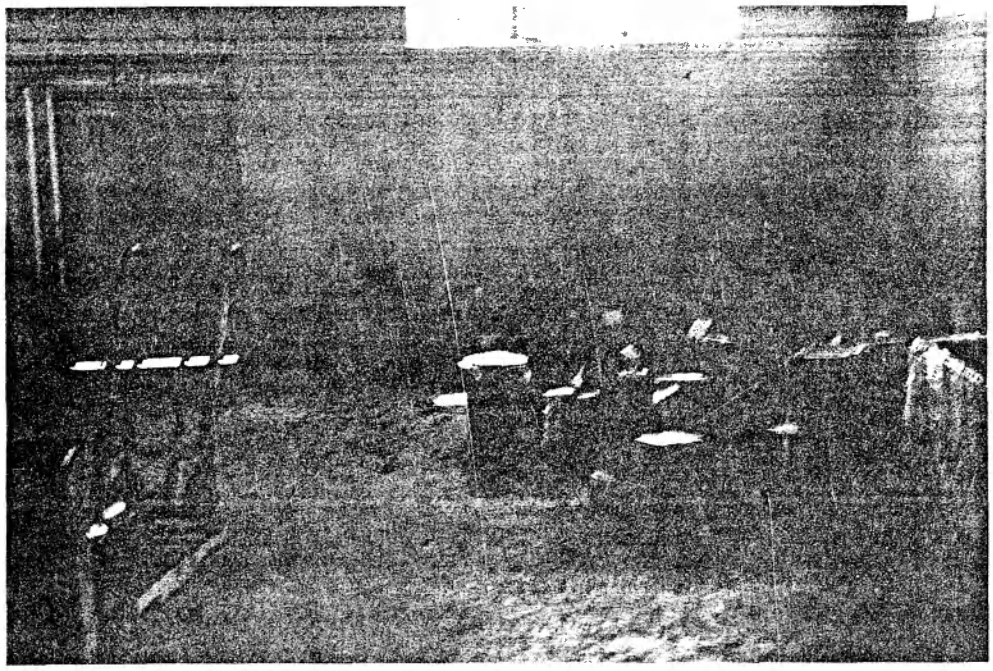
EPA FORM 2070-12

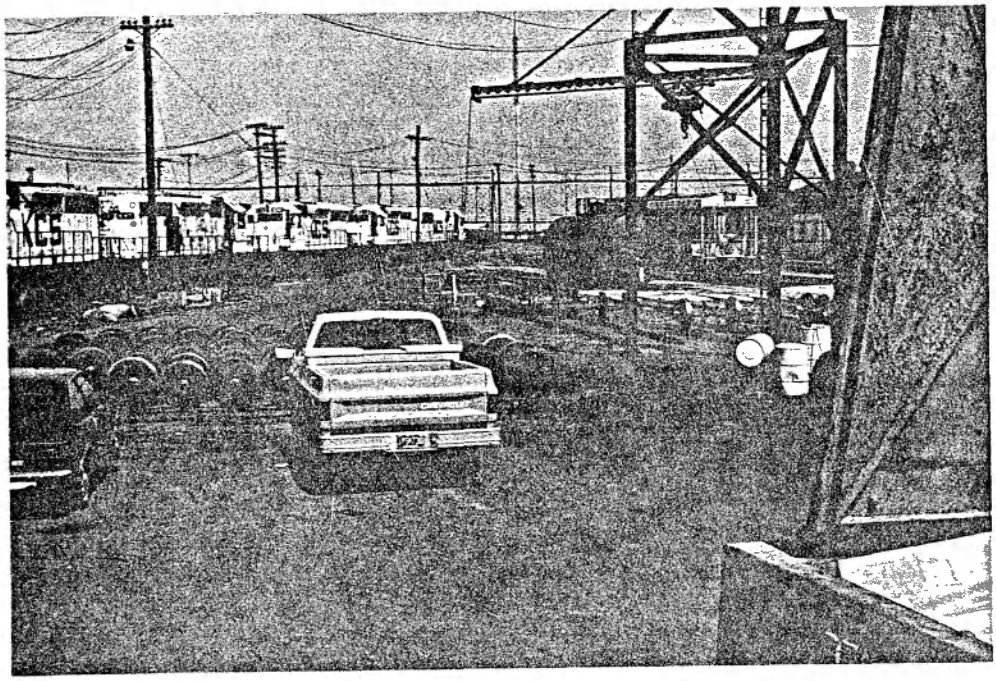
ATTACHMENT IV

E.P.A. FORMS

KA. .S CITY SOUTHERN RAILWAY COMPANY

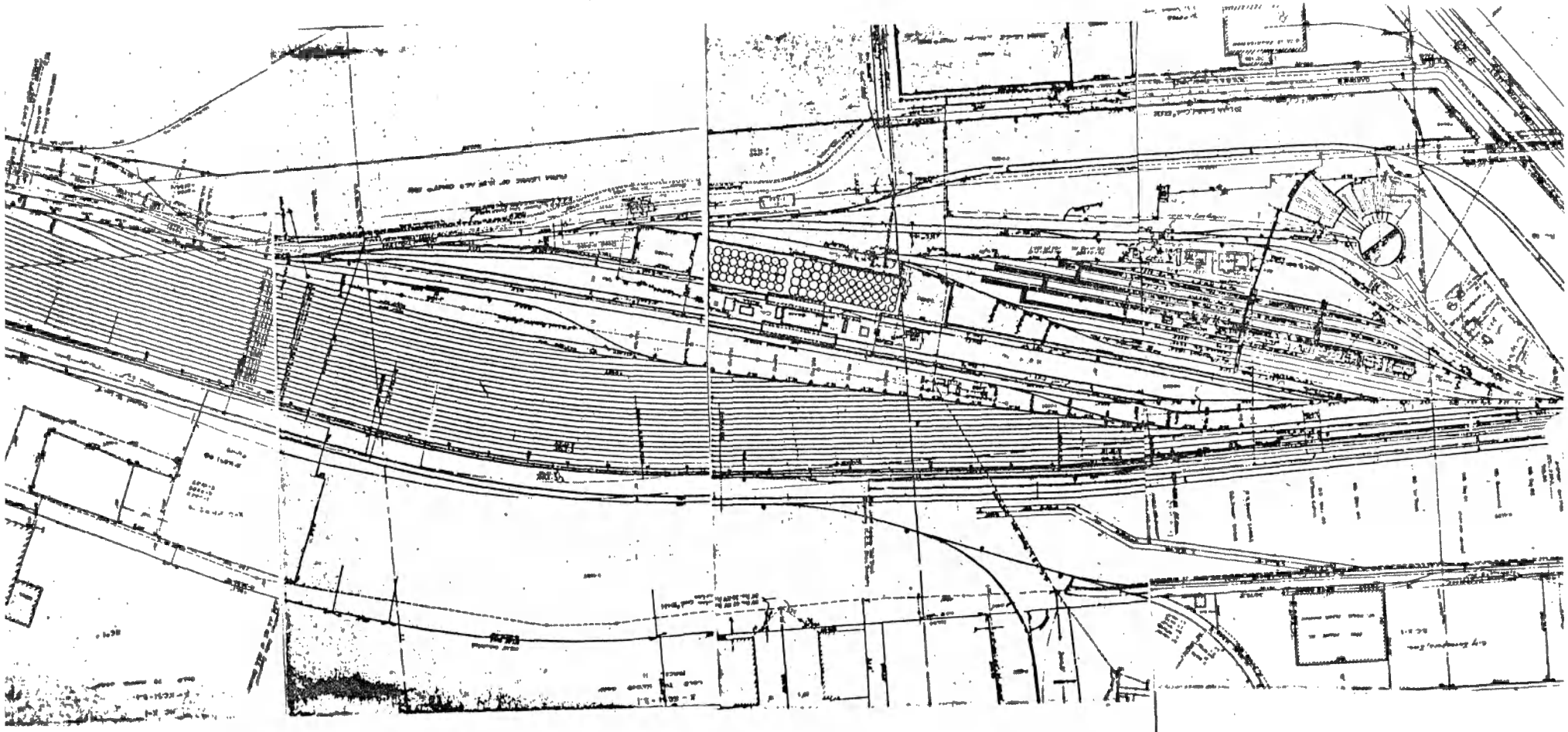
July 2, 1984





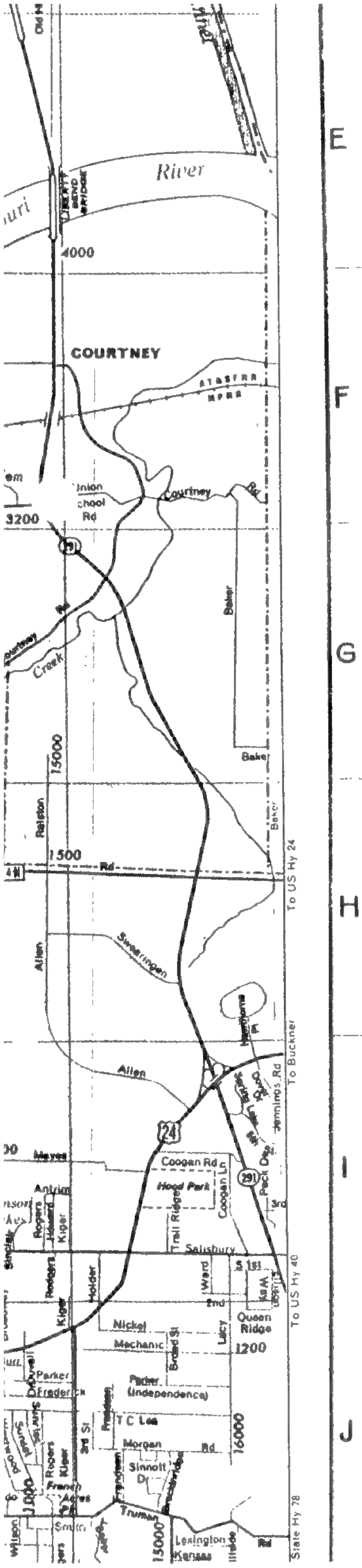
ATTACHMENT III

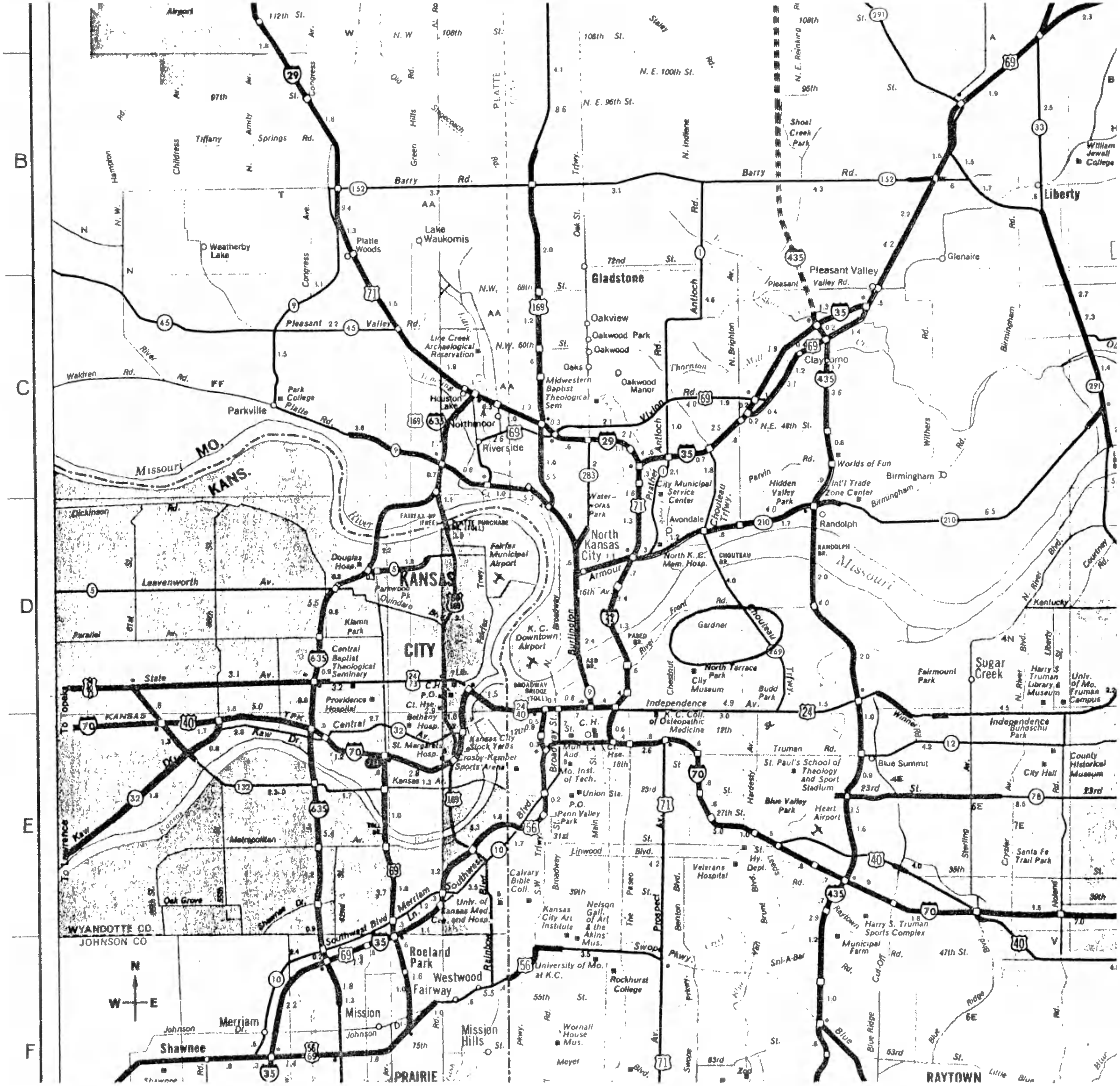
PHOTOGRAPHS

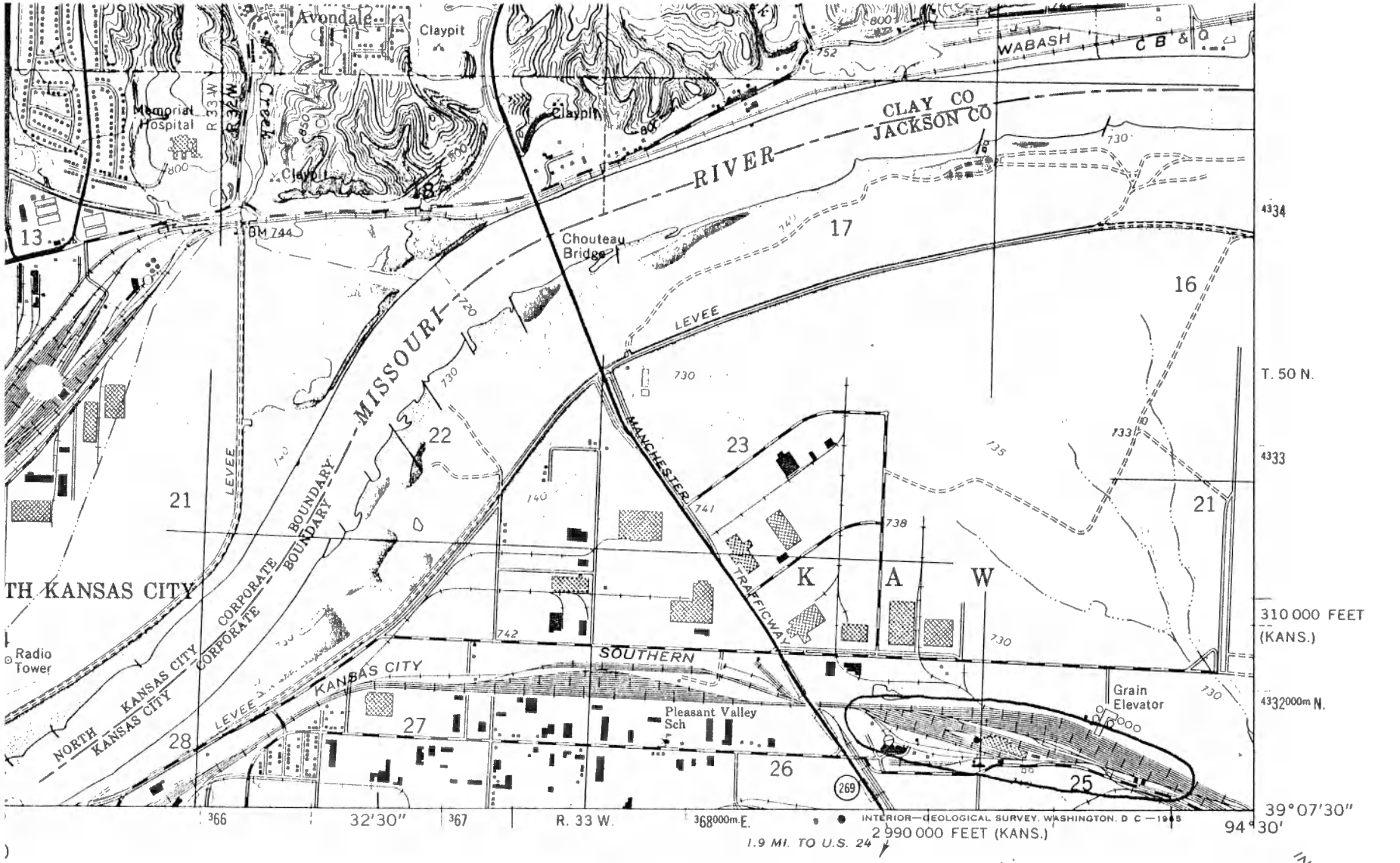


ATTACHMENT II

SKETCH OF SITE


E
F
G
H
I
J
COURTNEY
River
Courtney
Creek
Baker
Allen
Ralston
15000
1500
4000
3200
16000
1200
Coogan Rd
Hood Park
Trail Ridge
Salisbury
Holder
Kiger
Nickel
Mechanic
Broad St
Lacy
Queen Ridge
Ward
Parker (Independence)
Morgan
Sinnott Dr
Truman
Lexington
Kansas
Hillside
Jennings Rd
To Buckner
To US Hy 24
To US Hy 40
State Hy 78


B
C
D
E
F
KANSAS
CITY
North Kansas City
Gladstone
Liberty
Parkville
Riverside
Northmoor
Houston Lake
Lake Waukomis
Weatherby Lake
Platte Woods
Pleasant Valley
Claycomo
Randolph
Birmingham
Glenaire
Sugar Creek
Avondale
Oakview
Oakwood Park
Oakwood
Oakwood Manor
Roeland Park
Westwood
Fairway
Mission
Mission Hills
Merriam
Shawnee
PRAIRIE
RAYTOWN
WYANDOTTE CO.
JOHNSON CO
MO.
KANS.
Missouri
River
PLATTE
Barry Rd.
Pleasant Valley Rd.
Leavenworth Av.
State Av.
Independence Av.
Prospect
Worlds of Fun
Harry S. Truman Sports Complex
K. C. Downtown Airport
Fairfax Municipal Airport
William Jewell College
University of Mo. at K.C.
Rockhurst College
N
W
E



1 MILE

4000 5000 6000 7000 FEET

1 KILOMETER

0 FEET
OOT CONTOURS
EVEL

ACCURACY STANDARDS
RADO 80225 OR WASHINGTON, D. C. 20242,
ROLLA, MISSOURI,
LAWRENCE, KANSAS
MBOLS IS AVAILABLE ON REQUEST

QUADRANGLE LOCATION

ROAD CLASSIFICATION

Heavy-duty — Light-duty
Medium-duty — Unimproved dirt

Interstate Route — U. S. Route — State Route

INDEPENDENCE
7162 III SW

NORTH KANSAS CITY, MO.—KANS.

N3907.5 — W9430/7.5

1964

AMS 7062 II NE—SERIES V879

ATTACHMENT I

MAPS TO SITE

ACCOUNT OF INVESTIGATION

1.) Description of what was done:

A.) E.P.A. and Department of Natural Resources files checked

B.) Conference with Michael Carpenter and on-site investigation

2.) Exact Location:

Latitude 39° 07' 45"

Longitude 94° 30' 30"

3.) Legal Description: NW ¼, Section 25, T 50 N, R 33 W, Jackson County

4.) Directions:

From downtown Kansas City proceed east on Independence to the intersection with the Chestnut Trafficway. Follow it around as it changes into Gardner Road. Stay on Gardner and Kansas City Southern Yards are on the right.

5.) Owner: Kansas City Southern Railway Company
114 West 11th Street
Kansas City, Missouri 64105

6.) Description of Physical Appearance: Loud and oily

7.) Type of Disposal: None observed

CONCLUSIONS AND RECOMMENDATIONS:

Apparently there never has been a release of hazardous materials at the East Kansas City Yards of Kansas City Southern Railways; it is recommended that this site be dropped from the ERRIS list and no further action be taken.

REPORT BY:

Will Goldkamp
William R. Goldkamp
Environmental Engineer

APPROVED BY:

Roma P. Jenkins
Roma P. Jenkins
Environmental Engineer

APPROVED BY:

James R. McConathy
James R. McConathy

INDEX

Number	Document		Date
MOD000805689			
B1	Carter to EPG - re: letter 80-8-15	L	80-11-17
B2	BH to Alfretta - Routing Slip		83-1-18
B3	Marby to Carter - SBG status	L	
B4	Harris to Scellins - Transfer of ERRIS files for 3012 Grant		83-11-25
B5	Telephone Conversation Record		85-12-12

L - Letter
M - Memo
N - Notes
T - Telephone Conversation
R - Report
NA - Newspaper Article

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Mr. L.S. Carter
President
The Kansas City Southern
Railway Company
114 West 11th Street
Kansas City, Missouri 64105

RE: MOD000805689

Dear Mr. Carter:

The purpose of this letter is to clarify for your records and ours, that based on your letter of November 17, 1980, and our recent phone conversation, the above facility is properly classed as non-regulated under the Federal Resource Conservation and Recovery Act (RCRA) system. Because you wish to retain your identification number for future use, we will carry the facility in our computer as a small quantity generator.

If your process should change, or if you do not understand the requirements placed on a small quantity generator, please feel free to contact Mrs. Betti Harris of my staff. She can be reached at 816-374-6534.

The action described in this letter pertains only to the Federal RCRA system and does not dismiss you from compliance with the Missouri Solid and Hazardous Waste Laws and Regulations, 260.200 - 260.240 RSMo and 260.350 - 260.430 RSMo respectively. If you have any questions concerning this, please contact the Waste Management Program of the Missouri Department of Natural Resources at 314-751-3241.

Sincerely yours,

Robert L. Morby
Chief, Waste Management Branch
Air and Waste Management Division

cc: David Bedan, Director
Waste Management Division

bcc: Mike Sanderson, AWCM

ARWM:WMBR:SPRS:B.HARRIS:jp:x6534 CONCURRENCES

SYMBOL	SPRS	SPRS	WMBR					
SURNAME	HARRIS	MCLAUGHLIN	MORBY					
DATE	1/18/82	1/18/82	1/18/82					

EPA Form 1320-1 (12-70)

OFFICIAL FILE COPY

B1

THE KANSAS CITY SOUTHERN RAILWAY COMPANY
LOUISIANA & ARKANSAS RAILWAY COMPANY

THOMAS S. CARTER
PRESIDENT

114 WEST ELEVENTH STREET
KANSAS CITY, MISSOURI 64105

November 17, 1980

E-100-K000.03

00080562

EPA Region VII
P.O. Box 15606
Kansas City, Missouri 64106

Re: The Kansas City Southern Rwy. EKC Yard
5400 Gardner
Kansas City, Mo. 64120

Gentlemen:

In regard to our letter of August 15, 1980 and executed EPA Form 8700-12 "(First) Notification of Hazardous Waste Activity" for the above installation, we have now determined, through a detailed, on-site hazardous waste survey and a chemical analysis that The Kansas City Southern Railway Company does not participate in hazardous waste activity as a "treatment, storage, or disposal facility" as defined in 40CFR 260, 261, 264, and 265, at the above installation. The same survey and analysis would indicate that we are not a "generator" either. However the materials handled at this installation could under certain circumstances, result in an isolated or inadvertant generation of hazardous wastes. Therefore we wish to retain our generator identification number but hereby rescind that portion of the "Notification" form which conditionally identified the above installation as a "treatment, storage, or disposal" facility. Accordingly, we will not be submitting Part A of the RCRA permit application required for such facilities.

Please disregard and delete from your records our prior Notification to the extent that it preliminarily characterized this installation as a "treatment, storage and disposal facility".

Sincerely,

T. S. Carter

T. S. Carter
President

lp

NOV 20 1980