

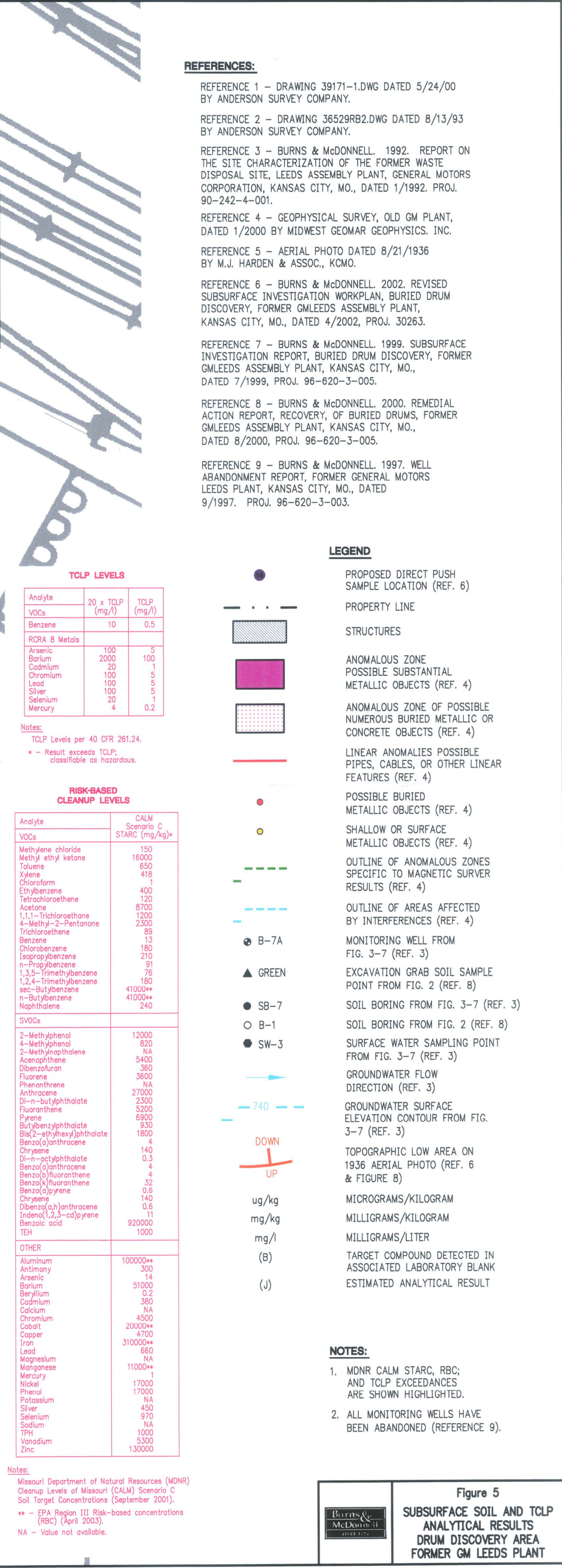
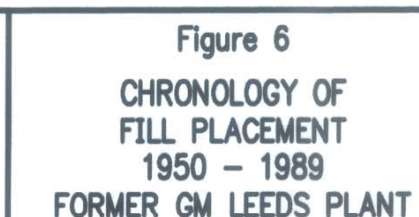


Figure 5
SUBSURFACE SOIL AND TCLP
ANALYTICAL RESULTS
DRUM DISCOVERY AREA
FORMER GM LEADS PLANT





AERIAL PHOTOGRAPHS:

National Archives and Records Administration (National Archives). 1936. Aerial Photographs Dated August 21, 1936. RG 145~Can # 1716~Exps. DL 420 and DL 421.

National Archives. 1940. Aerial Photographs Dated September 25, 1940. RG 145~Can ON 31556~Exps. DL-2A-95 and DL-2A-96.

National Archives. 1945. Aerial Photographs Dated July 24, 1945. RG 373~Can ON 00661~Exps. 199 and 200.

National Archives. 1952. Aerial Photographs Dated October 20, 1952. RG 145~Can ON 39007~Exps. DL2K-47 and DL2K-48.

M.J. Harden and Associates, Inc. (M.J. Harden). 1964. Aerial Photographs Dated June 25, 1964. 257 8-12 and 8-13.

M.J. Harden. 1965. Aerial Photographs Dated April 22, 1965. 329 13-9 and 13-10.

M.J. Harden. 1969. Aerial Photographs Dated August 29, 1969. 850 1 3-4 and 3-5.

M.J. Harden. 1976. Aerial Photographs Dated March 27, 1976. 358 29095 1 75-56 and 75-57.

M.J. Harden. 1978. Aerial Photographs Dated October 24, 1978. 2854 4-005 and 4-006.

M.J. Harden. 1989. Aerial Photographs Dated January 20, 1989. 7002 12-005 and 12-006.

M.J. Harden. 2001. Aerial Photograph Dated September 1, 2001. Map 7-14.

United States Geological Survey EROS Data Center (USGS EROS). 1950. Aerial Photographs Dated June 26, 1950. USGS EROS Entity ID ARDDA000700950661. VV.HU37 AMS 26 June 50 70, Exps. 3621 and 3622.

USGS EROS. 1955. Aerial Photographs Dated May 15, 1955. USGS EROS Entity ID ARCFVGM000811126. VV 1373MCS M-170 1370PMG 15May55 54-AM-68 Roll 1A GS VGM, Exps. 18 and 19.

USGS EROS. 1963. Aerial Photographs Dated June 28, 1963. USGS EROS Entity ID ARDC1VAPV00160347. Exps. DL-2DD-9 and DL-2DD-10.

United States Department of Agriculture (USDA). 1957. Aerial Photographs Dated June 10, 1957. Exps. DL-5T-66 and DL-5T-67.

SOURCES:

REFERENCE 1 - DRAWING 39171-1.DWG DATED 5/24/00 BY ANDERSON SURVEY COMPANY.

REFERENCE 2 - DRAWING 36529R82.DWG DATED 8/13/93 BY ANDERSON SURVEY COMPANY.

REFERENCE 3 - ASSESSMENT MAPS OF JACKSON COUNTY, MO., MAP 31-130, 31-140, 31-610, AND 31-620, 11/ 1993 (UPDATED THROUGH 4/26/99).

LEGEND

- PROPERTY LINE; ALL PROPERTY LINES ARE APPROXIMATE
- APPROXIMATE EXTENT OF FILL PLACED BETWEEN 1950 AND 1989
- PRE - 1936 STRUCTURES
- 1950 - 1952 STRUCTURAL ADDITIONS
- 1952 - 1955 STRUCTURAL ADDITIONS
- 1955 - 1957 STRUCTURAL ADDITIONS
- 1957 - 1965 STRUCTURAL ADDITIONS
- 1965 - 1969 STRUCTURAL ADDITIONS
- 1969 - 1978 STRUCTURAL ADDITIONS
- 1978 - 1989 STRUCTURAL ADDITIONS
- 1 - CAMERA LOCATION
- 1 - CAMERA DIRECTION
- LOCATION AND DIRECTION OF APPENDIX A, GM LEADS CONSTRUCTION PHOTOGRAPHS

NOTE:

1. DESIGN OVERLAY SHOWN IN YELLOW. COMPILED FROM 1993 AND 2000 SURVEY DATA (SEE REFERENCES 1 AND 2).





SOURCES:

- REFERENCE 1 - DRAWING 39171-1.DWG DATED 5/24/00 BY ANDERSON SURVEY COMPANY.
- REFERENCE 2 - DRAWING 36529RB2.DWG DATED 8/13/93 BY ANDERSON SURVEY COMPANY.
- REFERENCE 3 - ASSESSMENT MAPS OF JACKSON COUNTY, MO., MAP 31-130, 31-140, 31-610, AND 31-620, 11/1993 (UPDATED THROUGH 4/26/99).
- REFERENCE 4 - AERIAL PHOTO DATED 9/25/40. SOURCE: NATIONAL ARCHIVES AND RECORDS ADMINISTRATION. RG 145-CANON 31556-EXP DL2A-95.

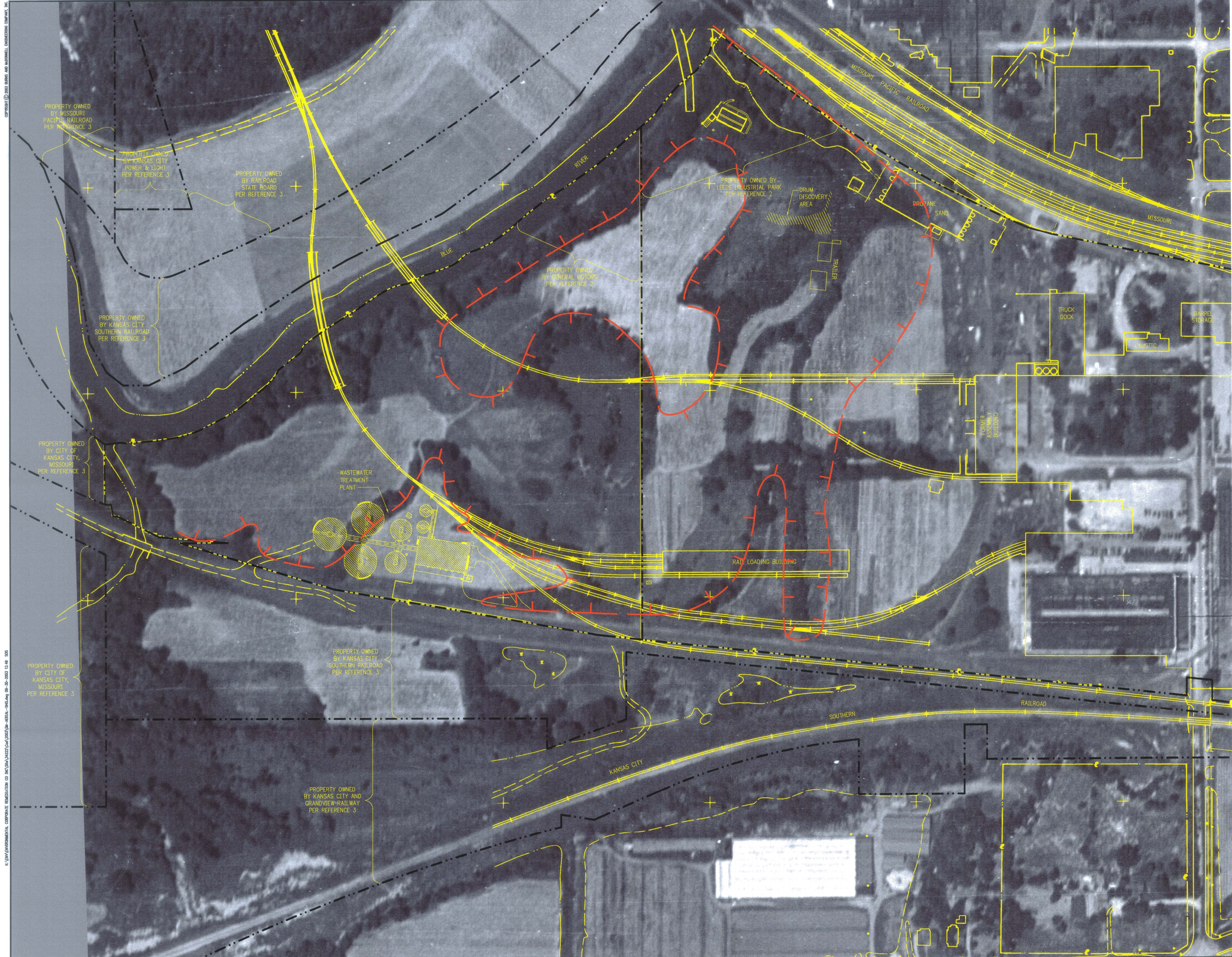
LEGEND

- PROPERTY LINE: ALL PROPERTY LINES ARE APPROXIMATE
- UP
DOWN
TOPOGRAPHIC LOW AREA

NOTES:

1. DESIGN OVERLAY SHOWN IN YELLOW. COMPILED FROM 1993 AND 2000 SURVEY DATA (SEE REFERENCES 1 AND 2).
2. TOPOGRAPHIC LOW AREAS IDENTIFIED BY STEREOGRAPHIC VIEWING OF AERIAL PHOTO PAIRS.
3. LOCATION OF TOPOGRAPHIC LOW AREAS ARE APPROXIMATE.





SOURCES:

REFERENCE 1 - DRAWING 39171-1.DWG DATED 5/24/00 BY ANDERSON SURVEY COMPANY.
 REFERENCE 2 - DRAWING 36529B2.DWG DATED 8/13/93 BY ANDERSON SURVEY COMPANY.
 REFERENCE 3 - ASSESSMENT MAPS OF JACKSON COUNTY, MO., MAP 31-130, 31-140, 31-610, AND 31-620, 11/1993 (UPDATED THROUGH 4/26/99).
 REFERENCE 4 - AERIAL PHOTO DATED 7/24/45. SOURCE: NATIONAL ARCHIVES AND RECORDS ADMINISTRATION. RG 373-CAN ON 00661-EXP 199.

LEGEND

--- PROPERTY LINE; ALL PROPERTY LINES ARE APPROXIMATE
 UP
 DOWN TOPOGRAPHIC LOW AREA

NOTES:

1. DESIGN OVERLAY SHOWN IN YELLOW. COMPILED FROM 1993 AND 2000 SURVEY DATA (SEE REFERENCES 1 AND 2).
2. TOPOGRAPHIC LOW AREAS IDENTIFIED BY STEREOGRAPHIC VIEWING OF AERIAL PHOTO PAIRS.
3. LOCATION OF TOPOGRAPHIC LOW AREAS ARE APPROXIMATE.



100 0 100 200
 APPROXIMATE SCALE IN FEET

Figure 10
 1945 AERIAL PHOTO
 WASTE DISPOSAL SITE VICINITY
 FORMER GM LEEDS PLANT

16. EPA ENVIRONMENTAL CORPORATE REGULATION CD 16C504A 14222 (Col 1200) (Ver 4-2004) 08-30-2003 12:52 305



SOURCES:

- REFERENCE 1 - DRAWING 39171-1.DWG DATED 5/24/00 BY ANDERSON SURVEY COMPANY.
- REFERENCE 2 - DRAWING 36529RB2.DWG DATED 8/13/93 BY ANDERSON SURVEY COMPANY.
- REFERENCE 3 - ASSESSMENT MAPS OF JACKSON COUNTY, MO., MAP 31-130, 31-140, 31-610, AND 31-620, 11/1993 (UPDATED THROUGH 4/26/99).
- REFERENCE 4 - AERIAL PHOTO DATED 6/26/50. SOURCE: USGS EROS; SIOUX FALLS, SD. PHOTO VV:HU37 AMS 26, EXPOSURE #36 2T.

LEGEND

- PROPERTY LINE; ALL PROPERTY LINES ARE APPROXIMATE
- UP
DOWN
TOPOGRAPHIC LOW AREA

NOTES:

1. DESIGN OVERLAY SHOWN IN YELLOW. COMPILED FROM 1993 AND 2000 SURVEY DATA (SEE REFERENCES 1 AND 2).
2. TOPOGRAPHIC LOW AREAS IDENTIFIED BY STEREOGRAPHIC VIEWING OF AERIAL PHOTO PAIRS.
3. LOCATION OF TOPOGRAPHIC LOW AREAS ARE APPROXIMATE.

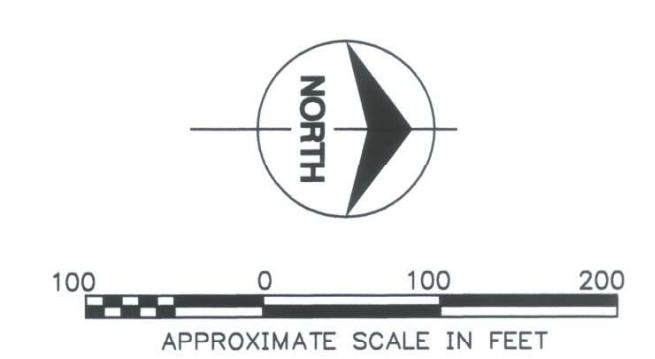
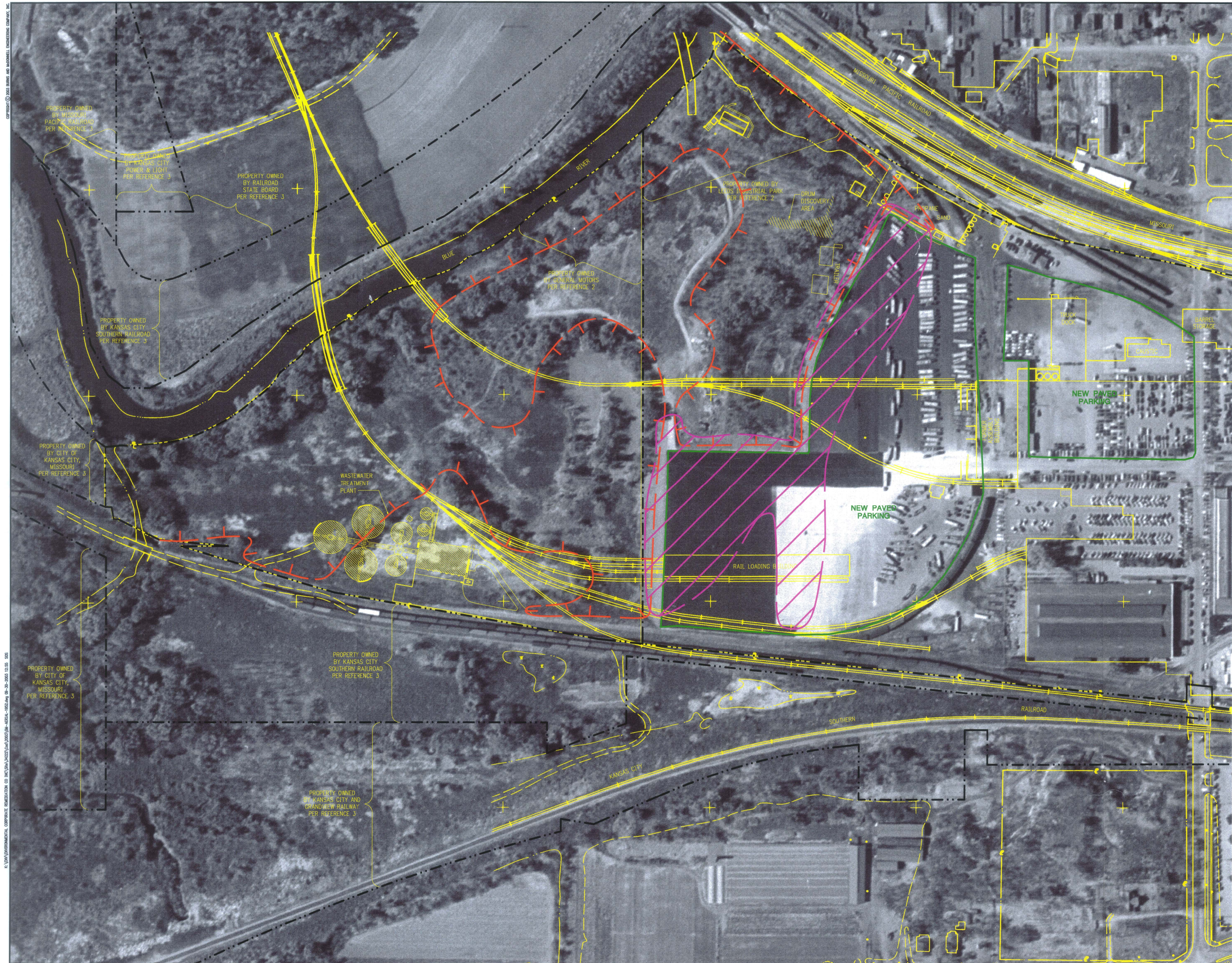


Figure 11
1950 AERIAL PHOTO
WASTE DISPOSAL SITE VICINITY
FORMER GM LEEDS PLANT



SOURCES:

- REFERENCE 1 - DRAWING 39171-1.DWG DATED 5/24/00 BY ANDERSON SURVEY COMPANY.
- REFERENCE 2 - DRAWING 36529B2.DWG DATED 8/13/93 BY ANDERSON SURVEY COMPANY.
- REFERENCE 3 - ASSESSMENT MAPS OF JACKSON COUNTY, MO., MAP 31-130, 31-140, 31-610, AND 31-620, 11/1993 (UPDATED THROUGH 4/26/99).
- REFERENCE 4 - AERIAL PHOTO DATED 10/20/52. SOURCE: NATIONAL ARCHIVES AND RECORDS ADMINISTRATION. RG 145-CAN ON 39007-EXP DL2K-48.

LEGEND

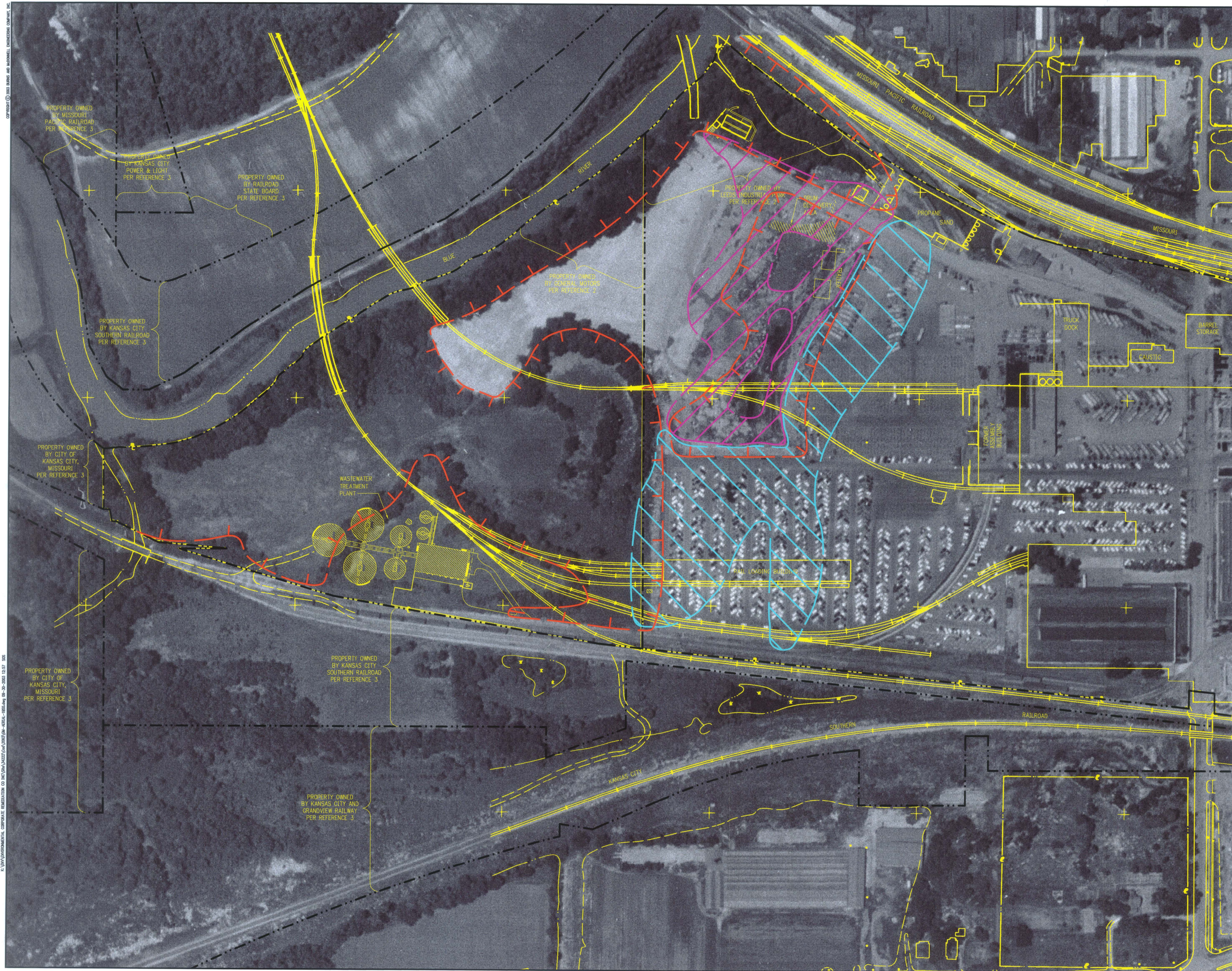
- PROPERTY LINE; ALL PROPERTY LINES ARE APPROXIMATE
- UP
DOWN TOPOGRAPHIC LOW AREA
- EXTENT OF FILL PLACED BETWEEN 10/20/52 AND 6/26/50
- STRUCTURES/IMPROVEMENTS ADDED BETWEEN 10/20/52 AND 6/26/50

NOTES:

1. DESIGN OVERLAY SHOWN IN YELLOW. COMPILED FROM 1993 AND 2000 SURVEY DATA (SEE REFERENCES 1 AND 2).
2. TOPOGRAPHIC LOW AREAS AND FILL EXTENT IDENTIFIED BY STEREOGRAPHIC VIEWING OF AERIAL PHOTO PAIRS.
3. LOCATION OF TOPOGRAPHIC LOW AREAS AND FILL EXTENT ARE APPROXIMATE.



100 0 100 200
APPROXIMATE SCALE IN FEET



SOURCES:

- REFERENCE 1 - DRAWING 39171-1.DWG DATED 5/24/00 BY ANDERSON SURVEY COMPANY.
- REFERENCE 2 - DRAWING 36529R82.DWG DATED 8/13/93 BY ANDERSON SURVEY COMPANY.
- REFERENCE 3 - ASSESSMENT MAPS OF JACKSON COUNTY, MO., MAP 31-130, 31-140, 31-610, AND 31-620, 11/1993 (UPDATED THROUGH 4/26/99).
- REFERENCE 4 - AERIAL PHOTO DATED 5/15/55. SOURCE: USGS EROS. VV1373MCS M-170 1370PMG, ROLL 1A GS-VGM, EXPOSURE #9.

LEGEND

- PROPERTY LINE; ALL PROPERTY LINES ARE APPROXIMATE
- TOPOGRAPHIC LOW AREA
- EXTENT OF FILL PLACED PRIOR TO 10/20/52
- EXTENT OF FILL PLACED BETWEEN 5/15/55 AND 10/20/52

NOTES:

- 1. DESIGN OVERLAY SHOWN IN YELLOW, COMPILED FROM 1993 AND 2000 SURVEY DATA (SEE REFERENCES 1 AND 2).
- 2. TOPOGRAPHIC LOW AREAS AND FILL EXTENT IDENTIFIED BY STEREOGRAPHIC VIEWING OF AERIAL PHOTO PAIRS.
- 3. LOCATION OF TOPOGRAPHIC LOW AREAS AND FILL EXTENT ARE APPROXIMATE.

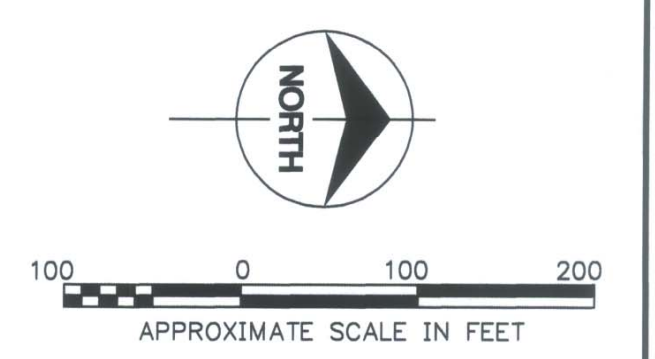


Figure 13
1955 AERIAL PHOTO
WASTE DISPOSAL SITE VICINITY
FORMER GM LEADS PLANT