

APPENDIX B

**EDR AREA STUDY REPORT
MEMORANDUM**

TECHNICAL MEMORANDUM

Lincoln Wastewater System
Beal Slough Relief Trunk Sewer Phases I & II
EDR Area Study Report

B&V Project: 134056.0201
B&V File: B-1.1
June 23, 2003

An Environmental Data Registry (EDR) Area Study Report was obtained for the Beal Slough Relief Trunk Sewer Phases I & II Project to investigate the potential for hazardous substances along the preliminary alignments. This memorandum summarizes the findings of that report relative to the Beal Slough Sewer. The EDR is a comprehensive, authoritative source of reference information about the definition, source, and uses of environmental data. The EDR is a part of the centralized systems of registries, which provides access to the Environmental Protection Agency's (EPA) core registry systems. The EDR catalogs the Agency's major data collections and helps locate environmental information of interest.

The following is a listing of registries and databases that are included in the EDR report:

Federal ASTM Standard

- CERCLIS: Comprehensive Environmental Response, Compensation and Liability Information System
- CORRACTS: List of handlers with RCRA Corrective Action Activity
- RCRIS: Resource Conservation and Recovery Act

State ASTM Standard

- LUST: Leaking Underground Storage Tank Incident Reports
- UST: Underground Storage Tank
- SWRCY: Department of Environmental Protection's Recycling Facilities

Federal ASTM Supplemental

- FINDS: Facility Index System
- TRIS: Toxic Chemical Release Inventory System
- SSTS: Register Pesticide-Producing Establishments List
- FTTS: Administrative Cases and Pesticide Enforcement Actions

State or Local ASTM Supplemental

- SPILLS: Nebraska Surface Spill List

Other Databases

- Former Manufactured Gas (Coal Gas) Sites

The EDR report provided a listing of potential sites along the Beal Slough sewer alignments from the registries and databases searched as indicated above. From the listing, each site was evaluated for its proximity to the potential alignments and a list of high priority sites was created.

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The high priority EDR sites in close proximity to the Beal Slough Sewer are shown in the following table and on Figure 1. This list and the figure do not include all sites indicated in the EDR report, only those which present the highest priority.

EDR Sites of High Priority and in Close Proximity to the Beal Slough Sewer Alignments			
ID Number	Site Name	Address	Database
38	International Development and Licensing	3501 South 6th Street	SSTS
39	Waverly Coop	940 Calvert	LUST
41	13th and Stockwell	13th and Stockwell St	CERCLIS
43	NDOR	1500 NE Hwy 2	SPILLS/LUST
44	Burger King	1400 Pioneers Blvd	LUST
44	Fleming Foods of Nebraska	1601 Pioneers Blvd	SPILLS/LUST
46	Buggy Bath Car Wash	3301 Pioneer Blvd	LUST
46	Getty Gas Station	33rd St and Pioneers Blvd	LUST
49	Weaver Potato Chip Company	1600 Center Park Rd	LUST
49	Pegler Sysco Co	1700 Center Park Rd	LUST
49	Pegler Sysco Food Services	1700 Center Park Rd	LUST
50	Husker Tire	1421 Center Park Rd	LUST
52	Cushman Building	4700 South 19th St	LUST
52	Fleet Maintenance	1900 Center Park Road	LUST
55	Fitch Trucking	40th St and Hwy 2	SPILLS
57	Sesco	5611 South 50th St.	LUST
57	Century Towing	4901 Rentworth	SPILLS
59	Earl May Feed	56th St and Hwy 2	SPILLS
59	Unknown	56th St and Hwy 2	SPILLS
59	-	56th St and Hwy 2	SPILLS
59	Earp Meat Company	56th St and Hwy 2	SPILLS
61	Rexs 66	5601 Old Cheney	LUST
61	Manhole – 56th and Old Cheney	56th St and Old Cheney Rd	LUST
61	61 Orph Tank @ 56th St and Hwy 2	5510 Old Cheney	LUST

TECHNICAL MEMORANDUM

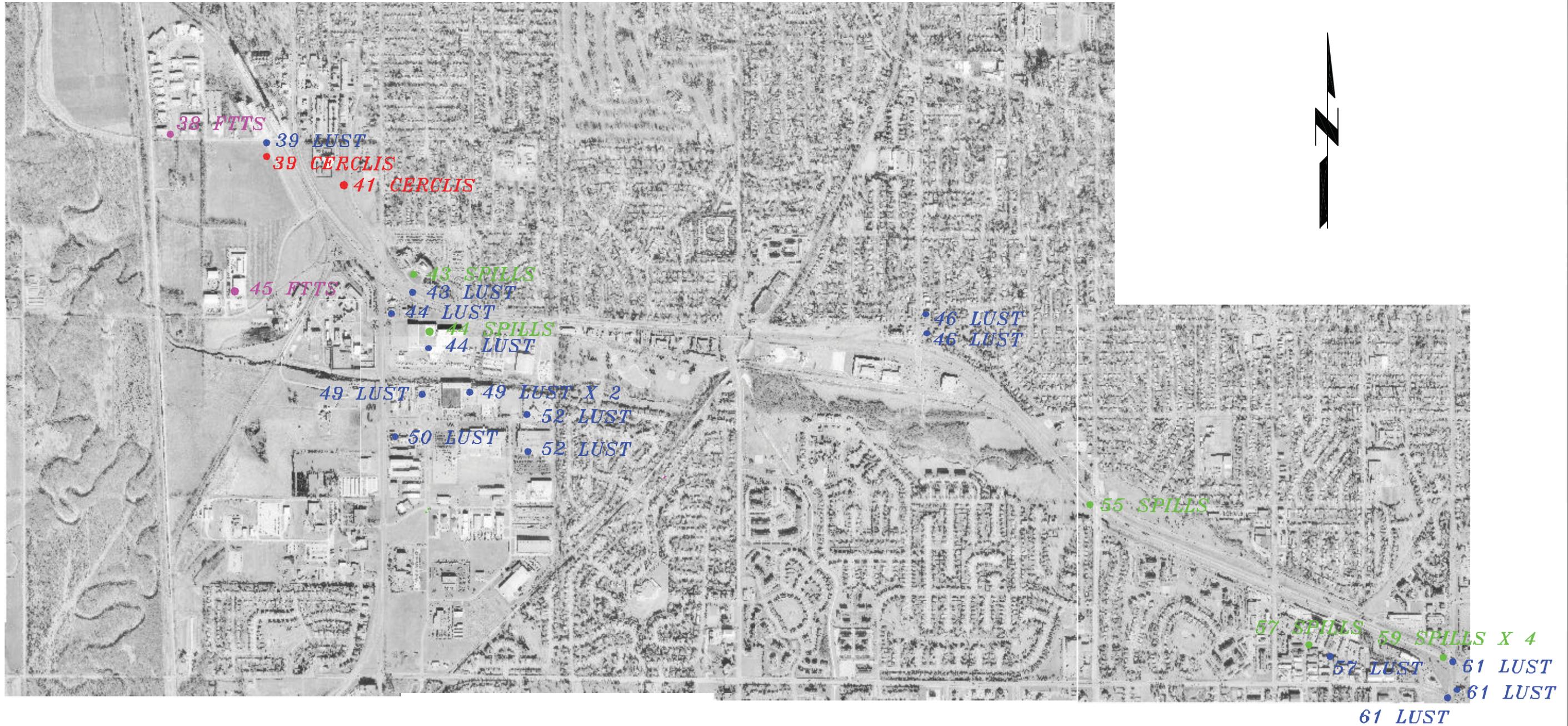
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Findings:

The findings of the EDR report indicate that there are four areas of concern for the alignment of the sewers as follows:

- 9th Street and Highway 2. This section has been listed as containing carbon tetrachloride and chloroform in groundwater. No future remedial action is currently planned for the site. Alignments of the pipeline will not proceed along Calvert to 9th Street and Highway 2, thus avoiding this location.
- South side of Beal Slough from 14th Street to 19th Street. This section has four leaking underground storage tanks located on properties owned by Weaver's Potato Chips Company, Pegler Sysco, and Fleet Maintenance. No remedial actions are currently planned for these sites and the state trust fund for remediation of leaking underground storage tanks has been exhausted. An alignment along the south side of Beal Slough will have to conduct further studies to determine the exact location of the storage tanks and the progression of contaminants in the soil and groundwater. Geotechnical exploration along this alignment should include sampling for volatile organics, semi-volatile organics, and RCRIA metals.
- 40th Street and Highway 2. A motor vehicle spill occurred at this intersection involving Fitch Trucking. Information pertaining to this spill should be obtained from the EDR and from the Nebraska Department of Environmental Quality to determine the contaminants and volume of the spill. Alignments for all three alternatives are located in this area and may require remediation activities. Geotechnical exploration along these alignments should include sampling for volatile organics, semi-volatile organics, and RCRIA metals.
- 56th Street and Highway 2. Four motor vehicle spills have occurred at this intersection as indicated in the attached table. Also, three leaking underground storage tanks are located within one block of the intersection. A project was recently completed for the installation of a 24 inch sewer on the west side of 56th Street at Highway 2. This project should be examined to determine if any contaminants were encountered and if remediation was required. Alignments for all three alternatives are located in this area and may require remediation activities. Geotechnical exploration along these alignments should include sampling for volatile organics, semi-volatile organics, and RCRIA metals.



Legend

High Priority Listed Sites

- OPEN LUST (Leaking Underground Storage Tank)
- SPILLS (Surface Spill)
- FTTS (Administrative Cases and Pesticide Enforcement Actions)
- CERCLIS (Potentially Hazardous Waste Sites)

Number Indicates Reference to Site Listed in EDR Area Study Report

City of Lincoln, NE
 Beal Slough Relief Trunk Sewer
 Phases I & II

EDR Area Study Report Map
 2003



Figure 1

