DAVENPORT COAL GAS (Davenport, Iowa)

GENERAL DESCRIPTION

The Davenport Coal Gas site is a 1.8-acres located in Section 36, T78N, R3E, Scott County, Iowa. The site is north of 3rd Street, between LeClaire Street and East River Drive, Davenport, Iowa. The site originally included 6.2 acres until the remediation of the property in 1988. From 1855 to 1907, a coal gasification plant operated at the site. Subsequently, the site was used by French and Hecht, a manufacturer of metals and wheels. In 1987 the site was sold to Rejuvenate Davenport Inc., a nonprofit organization that prepared the site for construction of the new Quad-City Times building. The site is owned by **Lee Enterprises, Inc. and Rejuvenate Davenport**, Inc. The site was entered on the Registry in November 1990.

SITE CLASSIFICATION

The site is classified "d" properly closed, requires continued management.

TYPE AND QUANITY OF HAZARDOUS WASTE

During site investigations in 1987 and 1988, extensive coal tar contamination was found in the soil and groundwater. Much of the contaminated soil was excavated during remedial activities from July 1988 to October 1988. During the removal of the soil, the bedrock beneath the site was found to be contaminated with coal tar. Additional remedial work was also needed for an area where soil removal was not implemented, which is located in the southern portion of the site. Further sampling is needed to determine the level of contamination in this area. In November 1988 Rejuvenate Davenport retained ownership of the un-excavated, contaminated property and sold the remainder of the site to Lee Enterprises.

SUMMARY OF PUBLIC HEALTH AND ENVIRONMENTAL CONCERNS

The site is located within the Quad Cities, which includes the cities of Davenport and Bettendorf, Iowa, and Rock Island and Moline, Illinois. The main channel of the Mississippi River is located about 350 feet southeast of the site.

Directly across the main channel of the Mississippi River from the site is Arsenal Island. Parts of the island and Sylvan Slough form an important wildlife habitat. Additional wildlife habitats are located downstream of the site near Pelican Island, Credit Island, Pettifer Island, Nahant Marsh, and confluence of the Mississippi and Rock Rivers.

SUMMARY OF ASSESSMENT, MONITORING OR REMEDIAL ACTIONS

The state is the lead agency for the site. The Iowa Department of Natural Resources (IDNR) required sampling of the down gradient monitoring wells to be analyzed for coal tar constituents: benzene, ethylbenzene, toluene, xylenes, and 16 polynuclear aromatic hydrocarbons.

In March 1990 the portion of the site owned by Lee Enterprises was cleaned to the bedrock. A groundwater remediation system (completed in 1992) has been discontinued. This included carving a de-watering trench through bedrock and installing drainage pipes. Three additional down gradient monitoring wells were installed south and southwest of the site giving a total of five down gradient wells. The results from samples collected in February 1996 showed groundwater from one of the wells is contaminated with petroleum hydrocarbons and polynuclear aromatic hydrocarbons above state action levels. On site soil remediation is complete. Ground water contamination that extends (off site) to the south under 3rd Street has been fully characterized.

2006: Five ground water monitoring wells were closed and properly abandoned.

2008: As required in rule, the Iowa DNR received and approved a request to sell the site

2014-16: No significant actions required

2017: A letter was sent from the Iowa DNR to the responsible party pursuant to Iowa Code (IC) §455I allowing sites listed on the Registry of Hazardous Waste Disposal sites to self "de-list" with the implementation of an Environmental Covenant.

2022: No action taken this year

2023: No activity in 2023

2024: No activity in 2024

2025: No activity in 2025

Figure A.

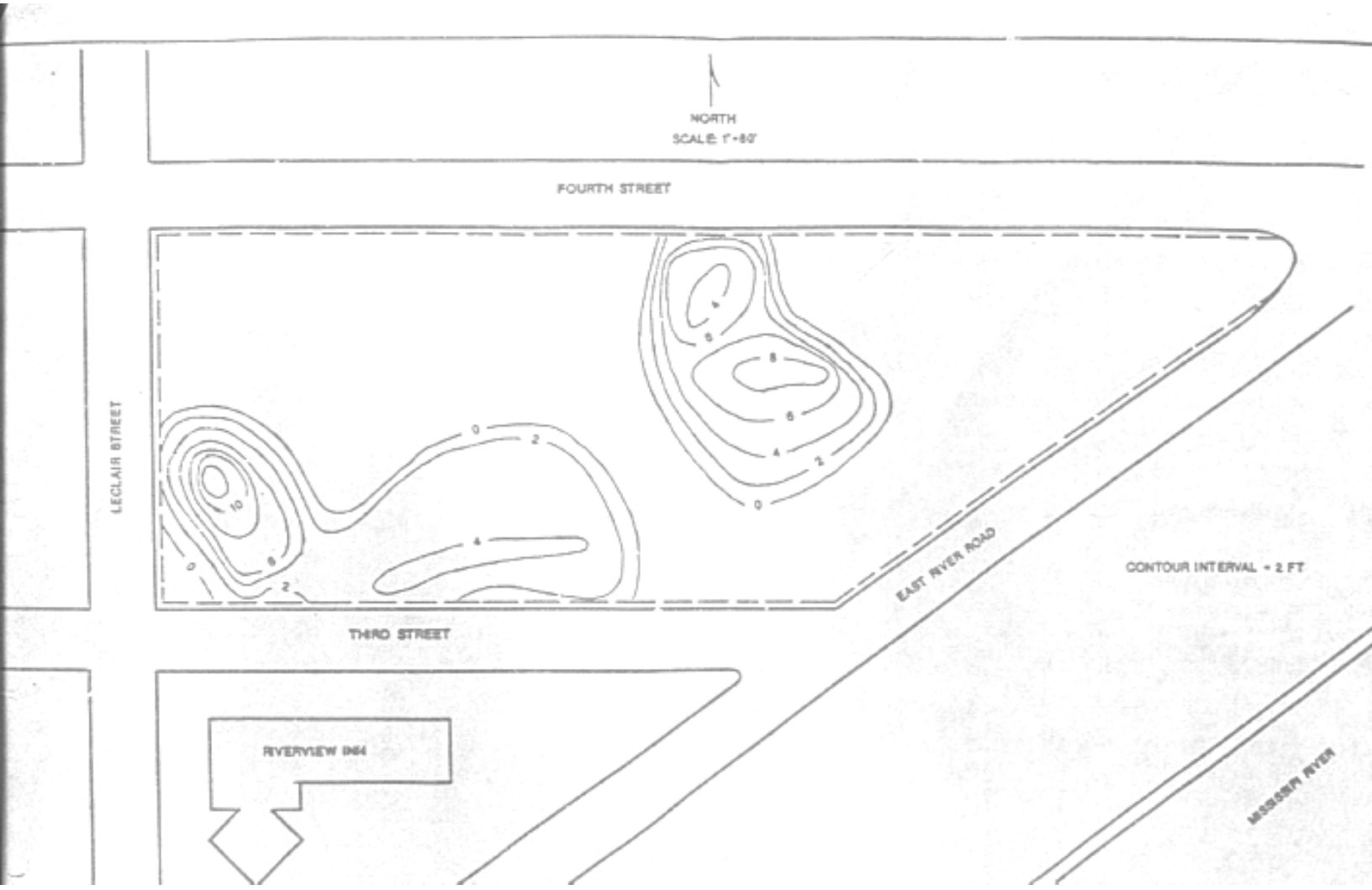
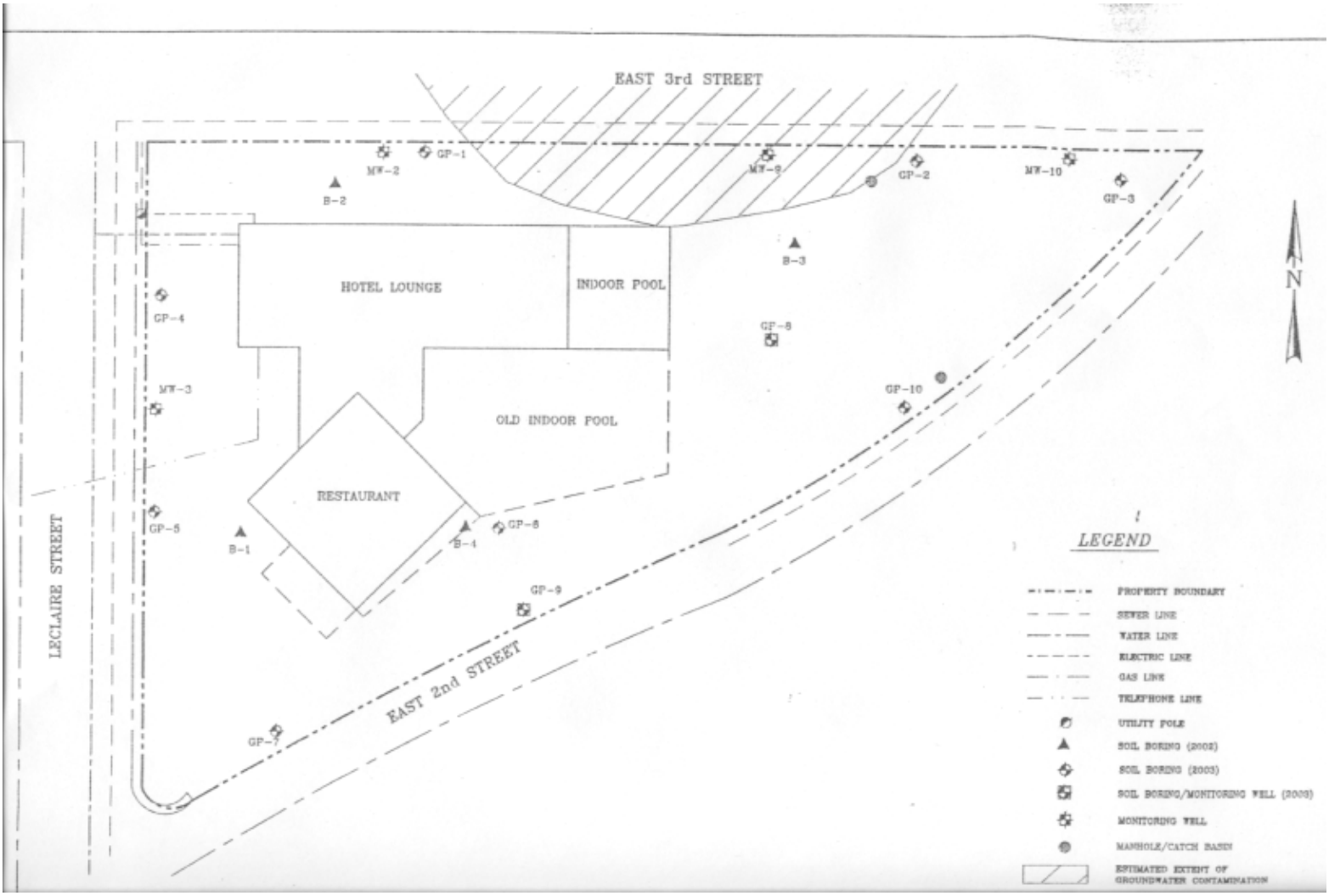

NORTH
SCALE 1"=80'
FOURTH STREET
LECLAIR STREET
THIRD STREET
EAST RIVER ROAD
CONTOUR INTERVAL = 2 FT
RIVERVIEW 1964
MISSISSIPPI RIVER

Figure B.


EAST 3rd STREET
MW-2
GP-1
B-2
MW-9
GP-2
MW-10
GP-3
B-3
HOTEL LOUNGE
INDOOR POOL
GP-4
GP-8
MW-3
GP-10
OLD INDOOR POOL
RESTAURANT
GP-5
B-1
B-4
GP-6
GP-9
LECLAIRE STREET
EAST 2nd STREET
GP-7
N
LEGEND
PROPERTY BOUNDARY
SEWER LINE
WATER LINE
ELECTRIC LINE
GAS LINE
TELEPHONE LINE
UTILITY POLE
SOIL BORING (2002)
SOIL BORING (2003)
SOIL BORING/MONITORING WELL (2003)
MONITORING WELL
MANHOLE/CATCH BASIN
ESTIMATED EXTENT OF GROUNDWATER CONTAMINATION

(Davenport Coal Gas)