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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION VII
726 MINNESOTA AVENUE
KANSAS CITY, KANSAS 66101

Site: ALCOA
ID #: IAD00527160
Break: LI
Other: 8-11-92

AUG 04 1992

MEMORANDUM

SUBJECT: Trip Report, June 30, 1992 - South Bellingham Road Site, Bettendorf (Riverdale), Iowa

FROM: Victor Walkenhorst *VW*
Senior Engineer
WSTM/SPFD/REME

TO: File



115501

THRU: Craig W. Smith *CWS*
Chief, REME Section
WSTM/SPFD/REME

Nancy Johnson
Unit Leader, REME Section
WSTM/SPFD/REME

I traveled on Tuesday, June 30, 1992 to Riverdale, Iowa. The South Bellingham Road Site (Site) is located at Bellingham Street, Riverdale, Iowa and south of the Aluminum Company of America (Alcoa) facility. The file of this project states that the project is located in Bettendorf, Iowa. However, the City Map of The Quad Cities, 1991 edition, indicates Bellingham Street to be located in Riverdale, Iowa which is surrounded on three sides by the City of Bettendorf, Iowa.

The purpose of this trip was to determine additional information about facilities located in this area that could cause benzene contamination of ground-water that is being drawn into ground-water monitoring wells located on Alcoa property on the east side of Bellingham Street. Previous research of aerial photographs of this area indicate a tank farm on the west side of Bellingham Street and three "oil wells" in the Missouri River at the end of a service road from the tank farm.

The Alcoa facility occupies the entire east side of Bellingham Street and south of U.S. Highway 67. The following is a list of businesses and residences on the west side of Bellingham Street and south of U.S. Highway 67:

1. S & W Manufacturing Company, 104 S. Bellingham Street.
2. Robbins Transport, Inc., 104 S. Bellingham Street.



3. Haggerty Brothers Company, 200 S. Bellingham Street, Riverdale, Iowa. Firm is an industrial steel services company.

4. Iowa Express Distributors, 200 S. Bellingham Street. Riverdale, Iowa, 52722. This is a trucking firm.

5. Eleven residences are located on the west side of S. Bellingham Street from the railroad spur track south to a spur railroad track that provides service to the Alcoa facility. The October 1991 PA report by the E & E/FIT Team states that these residences presently have active drinking water wells on their property. However, only one of these homes are dependent on the wells for domestic water service. All the other homes have city water service.

6. Immediately south of the spur railroad, that provides rail service to Alcoa, is a tank farm operated by UNO-VEN Company, Arlington, Illinois. The facility is located at 312 South Bellingham Street, Riverdale, Iowa. A sign, located on the fence at the entrance to the installation, provides the following information for contacts in case of emergency:

Tom Jones	Local 365-2995
Craig Levetzow	Local 322-2264
Tom Wyffels	(309) 944-5827
Williams Pipeline Company. Local 355-3142 and Tulsa, 1-800-331-2624.	

The area code for local telephone numbers is (319).

The tank farm is further identified as a Union Oil Company facility by the large orange "76" ball on the side of one of the tanks. A maintained, gravel service road extends between fences from the tank farm area south to the Missouri River. The three "oil wells" indicated on the aerial photographs are, in fact, interlocked sheet steel caissons (probably rock filled), with a building (appears to be a control or pump building) on the center caisson, flood light stanchions on each of the caissons, and vertical pipes extending from the top of each of the caissons. It is most likely that this is an unloading facility for petroleum products from barges to the tank farm, instead of "oil wells" as indicated on the aerial photograph.

The tank farm facility consists of six (6) well maintained tanks and a tank truck filling area. The tank farm area is surrounded by an earth dike. It appears that three (3) monitoring wells are installed outside of the diked area and to the west and south of the tank farm. An eight foot chain link fence, with barb wire at the top, is on all sides of the property.

7. The area on the south and west sides of the tank farm is owned by Alcoa. A hard surfaced road between the spur tracks and tank farm fence extends from Bellingham Street, west and south,

to a well-maintained open and wooded area. Situated near the river is a large club house and large car/bus parking area. A retired Alcoa employee was doing lawn maintenance and provided information that Alcoa uses the facility for employee gatherings such as management/employee award meetings and plant wide employee outings. The area extends from the spur railroad track south to the Missouri River and from the Union Oil service road west approximately 1/2 mile to the Riverdale city limits.

This additional information should assist in the issuance of 104(e) Information Request letters to Union Oil Company and Williams Pipeline Company to determine if this installation is causing the benzene contamination at the Alcoa ground-water monitoring wells.

The firms operating from the facilities at 104 and 200 South Bellingham do not have exterior evidence of fuel servicing or fuel tank facilities on the grounds at these buildings. A railroad track separates these facilities from adjacent residences to the south. According to information in the project file other firms could also be operating from the facility at 200 S. Bellingham Street, however no signs were visible that indicated additional occupancy of this facility.

A drive through the area south of U.S. Highway 67 and west of Bellingham Street provided information that small shops and businesses are located on and adjacent to Highway 67. These businesses would not seem to be candidates that could cause ground-water contamination of the type experienced at Alcoa. The other streets south of Highway 67 to the spur railroad track are residential areas.

The area of Bettendorf, Iowa, south of the Davenport Rock Island Railroad and west of Riverdale city limits, is heavy industrial/commercial businesses. In reviewing the aerial photographs taken in 1990, a tank farm and unloading facility apparently is located immediately west of Duck Creek, a drainage creek located at the west limits of Riverdale, Iowa. The tank farm facility is approximately 1/2 mile west of the west limits of Alcoa property. The owner/operator of this facility has not been identified. However, due to the gradient towards the Missouri River and distance from the Alcoa ground-water monitoring wells, the possibility of this facility contributing to the ground-water contamination observed at the Alcoa monitor wells is remote.

Based on the previous discussion with Scott Pemberton, CNSL, we should proceed with the 104(e) Information Request letters to Union Oil Company and Williams Pipeline Company to determine their potential responsibilities for the ground-water contamination observed in the Alcoa monitoring wells.

cc: Scott Pemberton, CNSL
Jim Colbert, ✓ REME