ENVIRONMENTAL OPERATIONS, INC.

ENVIRONMENTAL CONSULTING AND REMEDIATION

757 South Second Street St. Louis, MO 63102-1617 314/436-0370 FAX 314/436-2900

October 6, 1995

Project #8468.04

Mr. Eric Miller
Boatmen's Bank
800 Market Street
Saint Louis, Missouri 63101

Mr. Miller:

The following is to transmit the results of Environmental Operations, Inc.'s Project #8468.04; Phase II Environmental Assessment Services for Boatmen's Bank. This work was completed on a property located on New Street at its intersection with Kinderhook Street (Highway 25A) in Stuyvesant Falls, New York.

On September 27, 1995, Frank Fick of Environmental Operations, Inc. collected soil samples from the subject site. Mr. John Robertson, manager of the Allied Healthcare facility, located on this site, gave his permission for collection of these samples.

Three surface soil samples were collected from areas suspected of having been environmentally impaired by previous industrial site usage.

Sample #8468.1 consisted of soil (mostly dead leaves) found at the base of a large out-of-service transformer, located on the subject site on the north side of New Street. There was significant soil staining which appeared to have originated with the transformer. The sample (along with the subsequent two samples) was submitted to Environmetrics, Incorporated, an accredited analytical laboratory located in Saint Louis, Missouri. The laboratory analyzed this sample for polychlorinated biphenyls (PCBs), a regulated chemical.

This sample contained less than eight parts per million of PCBs. Ordinarily soils which contain less than ten parts per million of PCBs are not required to be remediated. Therefore, this soil is not recommended for cleanup due to PCB content.

Project #8468.04

The soil, however, does appear to contain waste oils, a regulated material. Environmental Operations, Inc. recommends that impacted soils be removed and properly disposed of, in accordance with local, state and federal guidelines. The presence of the soils impacted by the waste oil does not appear to represent a significant environmental liability.

Sample #8468.2 consisted of soil (mostly dead leaves) found at the base of three medium-sized out-of-service transformers, located on the subject site on the north side of New Street. There was a small amount of soil staining which appeared to have originated with one or several of these transformers. The sample was analyzed for PCBs.

This sample contained less than three parts per million of PCBs. Because this level is less than ten parts per million of PCBs, the soil would not ordinarily be required to be remediated. Therefore, this soil is not recommended for cleanup due to PCB content. As with the previous area of contamination, it is recommended that impacted soils be removed and properly disposed of, in accordance with local, state and federal guidelines. The presence of the soils impacted by the waste oil does not appear to represent a significant environmental liability.

Sample #8468.3 consisted of surface soils collected near the southwest corner of Building C, between the building and the cliff overhanging Kinderhook Creek. A sample was collected in this area in an attempt to determine if the soils had been impacted by fugitive dust from the manufacturing process.

The sample was analyzed for the presence of eight regulated metals, some of which are often found on industrial sites. Elevated levels (believed to be higher than background levels) were found for the following metals: barium, chromium, lead, and mercury.

The elevated barium may be a result of current and past usage of barium hydroxide in manufacturing. The elevated levels of chromium and mercury may be a result of prior site usage as a textile mill. These two metals were present in the textile process. The elevated lead may be a result of prior site usage for some type of metal work. There is sketchy evidence suggesting that some type of metal work took place on this site in the past.

The extent of the elevated metals throughout this area of the site is unknown. This could represent an environmental liability.

A copy of the analytical results accompanies this report.

Any questions concerning this report should be directed to Frank Fick at #314-436-0370.

Respectfully submitted,

Franklin J. Fick, III
Civil/Environmental Engineer

FJF:alk

Environmental Operations, Inc.
757 South Second Street
St. Louis, Mo. 63102-1617

ATTN: Frank Fick

ENVIRONMETRICS
2345 Millpark Drive
Maryland Heights, MO 63043-3529
(314) 427-0550

INVOICE: 34084
PO: 8468
PROJECT NO: 8468

ANALYSIS RESULTS

SAMPLE ID: 8468.3 BEHIND BLDG C
LAB ID: 9510000027-003
DATE COLLECTED: 09/27/95
DATE RECEIVED: 10/03/95 12:01

TEST PERFORMED	METHOD OF ANALYSIS	RESULTS		ANALYST
TOTAL ARSENIC	SW-846 6010A	<0.9	mg/Kg	10/6/95 B.C.
TOTAL BARIUM	SW-846 6010A	4600	mg/Kg	
TOTAL CADMIUM	SW-846 6010A	3.45	mg/Kg	
TOTAL CHROMIUM	SW-846 6010A	434	mg/Kg	
TOTAL LEAD	SW-846 6010A	2378	mg/Kg	
TOTAL MERCURY	SW-846 7471A	4.99	mg/Kg	
TOTAL SELENIUM	SW-846 6010A	4.0	mg/Kg	
TOTAL SILVER	SW-846 6010A	0.44	mg/Kg	

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ANALYSIS RESULTS

PCBs in SOIL

METHOD SW 846 8080

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LAB NO.	SAMPLE NO.	IDENTIFICATION	TOTAL mg/Kg	TYPE
9510/027-001	8468.1	LARGE TRANS	<8	--
9510/027-002	8468.2	3 TRANSFS	<3	--

All Values are ± 10%

Date Collected: 09/27/95
Date Received: 10/03/95 12:00
Date Analyzed: 10/03/95
Analyst: C.D.