ecology and environment, inc.
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International Specialists in the Environment

PRELIMINARY ASSESSMENT

EXECUTIVE SUMMARY

TO: Alan Altur, U.S. EPA
FROM: George Milner, FIT GM
DATE: August 23, 1991
SUBJECT: Foseco, Inc., Chicago, Illinois
ILD051067866/F05-9104-017/FIL0458PA

The Foseco, Inc. (Foseco), site is located at 10823 South Langley Avenue, Chicago, Illinois, and is owned by Foseco, Inc. The site was originally identified by the Illinois Environmental Protection Agency in the form of a preliminary assessment dated June 15, 1984. The reason the preliminary assessment was conducted is not known.

Foseco, Inc., makes metallurgical products on-site for treating molten metals, molds, and dies. According to FIT file information, Foseco, Inc., does not generate hazardous waste on-site. Also, no evidence exists that any hazardous waste dumping ever occurred at the Foseco site.

On May 21, 1987, Ecology and Environment, Inc. (E & E), Field Investigation Team (FIT), conducted an inspection at the site. No samples were collected because there was no evidence that hazardous waste was present. FIT files do not indicate why the inspection was conducted.

On June 18, 1991, E & E FIT conducted an off-site reconnaissance of the site. No evidence of hazardous waste was observed on-site, except for a

EPA Region 5 Records Ctr.
324144

recycled paper

0357

small area of soil in the northwest corner of the site that appeared to be stained.

The general geology of the area of the site consists of a continuous confining layer of blue clay, approximately 40 to 50 feet thick, overlying glacial till. The aquifer of concern (AOC) is the glacial till, which is approximately 70 feet below the ground surface. Because of the confining layer of clay, a release to groundwater in the AOC is unlikely. No groundwater is used for drinking purposes within a 4-mile radius of the site.

The nearest body of surface water is Lake Calumet, which is approximately 1 mile southeast of the site. No contamination migration route exists between the site and Lake Calumet; therefore, no surface water pathway exists for the site.

Residences exists across Langley Avenue, approximately 50 feet from the site. However, any contamination migrating from the site to the street would enter storm sewers. The storm sewer system water passes through a water filtration plant before being discharged to Lake Michigan.

No odors or a release of hazardous substances to the air have been directly observed at the site, nor does file information indicate a potential for an air release from the site.

7233:8

FIELD PHOTOGRAPHY LOG SHEET

SITE NAME: FOSECO, INC. PAGE 1 OF 3

U.S. EPA ID: ILD051067866 TDD: F05-9104-017 PAN: FIL0458PA

DATE: 6/18/91 TIME: 13:00 DIRECTION OF PHOTOGRAPH: NE PHOTOGRAPHED BY: Greg Youngstrum

WEATHER CONDITIONS: Sunny 85° SAMPLE ID (if applicable): N/A

DESCRIPTION: Panorama of front of Foseco shot taken from Langley Ave. main drive-way with main gate.

SITE NAME: Fosrco, Inc. PAGE 2 OF 3

U.S. EPA ID: ILD051067866 TDD: F05-9104-017 PAN: FIL0458PA

DATE: 6/18/91

TIME: 13:05

DIRECTION OF PHOTOGRAPH: SE

WEATHER CONDITIONS: Sunny 85°

PHOTOGRAPHED BY: Greg Youngstrom

SAMPLE ID (if applicable): N/A

DESCRIPTION: NW corner of plant

DATE: 6/18/91

TIME: 13:05

DIRECTION OF PHOTOGRAPH: S

WEATHER CONDITIONS: Sunny 85°

PHOTOGRAPHED BY: Greg Youngstrom

SAMPLE ID (if applicable): N/A

DESCRIPTION: Stained soils located on the north side of Fosrco.

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SITE NAME: Fosecco, Inc. PAGE 3 OF 3

U.S. EPA ID: ILD051067866 TDD: F05-9104-017 PAN: FIL0458PA

DATE: 6/18/91

TIME: 13:15

DIRECTION OF PHOTOGRAPH: S

WEATHER CONDITIONS: Sunny 85°

PHOTOGRAPHED BY: Greg Youngstrom

SAMPLE ID (if applicable): N/A

DESCRIPTION: NE corner of plant

SHOT TAKEN FROM 107th ST.

DATE:

TIME: 13:25

DIRECTION OF PHOTOGRAPH: S

WEATHER CONDITIONS: Sunny 85°

PHOTOGRAPHED BY: Greg Youngstrom

SAMPLE ID (if applicable): N/A

DESCRIPTION:

residence across the street from plant. across Langley.

SI011(2/25/89)