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September 8, 2008

Mr. Thomas Cook
US EPA Region V
77 W. Jackson Boulevard
SE-5J
Chicago, IL 60604

Re: Geologic and Contamination Cross-Sections
Ingersoll Removal Site, 1000 West 120th Street, Chicago, Cook County, Illinois
TDD No.: S05-0003-0609-041
DCN: 41-2F-ACMR
Contract No.: EP-S5-06-04
OSC Thomas Cook

Dear Mr. Cook:

Under Superfund Technical Assessment and Response Team (START) Technical Direction Document (TDD) S05-0003-0609-041, Weston Solutions, Inc. (WESTON) START has prepared the enclosed geologic and contamination cross-section figures at your request for the Ingersoll Removal Site, in Chicago, Cook County, Illinois.

The information used to create the cross-section figures include the interpretations recorded in boring logs created by WESTON START during field investigations conducted in February 2007 and August 2008. Eleven geologic and contamination cross-sections were developed based on lithologic data collected. The cross-section line locations are illustrated on **Figure 1** and the cross-sections are presented as **Figures 2** through **12**. The cross-sections also present select contamination noted in soil during the field investigations.

Some generalizations can be made about the geology and contamination across the Site. As shown on the cross-sections, the majority of the Site has some type of surface cover (e.g. building foundations) which ranges from 0.5 to 3-feet below ground surface (bgs). The site lithology generally consists of alternating layers of fill, silt, sandy silt, silty sand, sand, and gravel below the surface cover. Silty clay and clayey silt underlie these alternating layers and range from 3 to 11-feet bgs.

The contamination illustrated on the cross-sections is based on observations of staining, free product, and odor. Generally, the contamination is located within the alternating layers of fill, silt, sandy silt, silty sand, sand, and gravel. The contamination is found from 0 to 11-feet bgs and ranges in thickness from 0.5 to 9-feet.

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If you have any questions, please don't hesitate to contact me at 312-424-3300.

Very Truly Yours,

A handwritten signature in black ink, reading "Trena Seilheimer".

Trena Seilheimer
Weston Solutions, Inc.
START Member, Associate
Geoscientist

A handwritten signature in purple ink, reading "Sarah Meyer".

Sarah Meyer
Weston Solutions, Inc.
START Project Manager