



Howard R. Green Company

May 23, 2003

CON 12-15
Doc # 7221

Mr. Bob Drustrup
Contaminated Sites Section
Iowa Department of Natural Resources
Wallace State Office Building
Des Moines, IA 50319

Re: Summary of May 22, 2003 Meeting - University Avenue Extension, Dubuque, Iowa

Dear Bob:

Thank you and Cal for meeting with us yesterday. This letter summarizes yesterday's discussion. We understand that your comments were based upon a cursory review of the Phase II Environmental Site Assessment (ESA). Please let me know if we have misunderstood or omitted items of substance.

Metals in Soil

Arsenic

- Arsenic concentrations are typical of background levels.
- Arsenic in soil at the site does not present a problem.

Lead

- The 400 mg/kg statewide standard is for a residential setting.
- The Department of Health allows up to 1200 mg/kg in residential soil where children are not playing.
- If the samples in the Phase II ESA are representative, then you anticipate that the Iowa Department of Natural Resources (IDNR) will not have a problem with the lead concentrations present in soil at the site.

Metals in Groundwater

- It appears that metals in the groundwater will not impact drinking water. (Mike Koch clarified not nearby non-drinking water wells are in the process of being closed by the County Health Department.)
- Groundwater samples collected for the Phase II ESA were not field filtered. It is likely that field filtering would bring metals concentrations in groundwater to below the statewide standard. At this time there is no need to resample. A more thorough review of the report by IDNR may change this conclusion.

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Construction Activities

- If contaminated soil is moved off-site, an analysis for TCLP will likely be required to determine the necessary disposal method.
- Contaminated soil will be maintained on site to be used as fill.
- The presence of the planned street extension will act as a cap for the contaminated soil.

Next Steps

- IDNR will perform a more thorough review of the Phase II ESA. If the thorough review supports the conclusions drawn during the cursory review, the IDNR will issue a letter indicating that it has classified with site as Low Risk with no further action required at this time. This review should be complete within two to three weeks from this meeting.
- Howard R. Green Company will verify with the Iowa Department of Transportation (IA DOT) that this letter will suffice for its environmental review process.

Thank you again for your responsiveness and let me know if there are changes you would like to make to this summary.

Sincerely,

HOWARD R. GREEN COMPANY



Cynthia L. Quast, P.E.
Senior Project Manager

cc: Cal Lundberg, IDNR
David Ness, City of Dubuque
Mike Koch, City of Dubuque
Roger Walton, Iowa DOT
Steve Dummdermuth, Jr., Iowa Glass/Elm Real Estate
Doug Ernst, Engineering Alliance
Brad Azeltine, Iowa DOT
Scott Sovers, HRG
Neal Hawkins, HRG