



December 6, 2017

BRIAN HAINES  
ESSENTIA PROTEIN SOLUTIONS  
2425 SE OAK TREE COURT  
ANKENY IA 50021

Re: Environmental Site Assessment Update and Response to DNR's October 6, 2017 Review Letter, Essentia (formerly Proliant) Facility, Harlan, Iowa dated November 21, 2017

Dear Mr. Haines:

The Iowa Department of Natural Resources, Contaminated Sites Section, has reviewed the above referenced response letter submitted by Leggette, Brashears & Graham, Inc. on behalf of Essentia Protein Solutions. Nitrate and dissolved oxygen will need to be included in the list of sample analytes for the following reasons:

- Nitrate is a chemical of concern at ammonia sites.
- Dissolved oxygen levels in the groundwater help determine the fate of ammonia and nitrate in the groundwater. Dissolved oxygen should already be part of your QA/QC procedures for determining groundwater stabilization prior to collecting samples from the monitoring wells.

Please let me know your schedule for sampling the wells so I may have the opportunity to be on site. If you have any questions or need further information please feel free to call or e-mail at (515) 725-8371 or [dan.cook@dnr.iowa.gov](mailto:dan.cook@dnr.iowa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read 'D. Cook', written over a white background.

Daniel Cook  
Environmental Specialist Senior  
Contaminated Sites Section

c: David Hume Leggette, Brashears & Graham, Inc., 8 Pine Tree Drive, Suite 250, St. Paul, MN 55112  
Jessica Montana, Iowa DNR Field Office 4