



## STATE OF IOWA

TERRY E. BRANSTAD, GOVERNOR  
KIM REYNOLDS, LT. GOVERNOR

DEPARTMENT OF NATURAL RESOURCES  
CHUCK GIPP, DIRECTOR

April 21, 2014

NICK KLIMEK  
CITY OF OTTUMWA  
105 EAST 3<sup>RD</sup> STREET  
OTTUMWA, IOWA 52501

Subject: 327 and 331 East Main Street, Ottumwa, Iowa 52501

Dear Mr. Klimek:

Thank you for the submittal of the Phase II Environmental Site Assessments dated April 2012 and July 2013, conducted on the properties referenced above. As noted in the reports, droplets of free petroleum product were observed in groundwater sample SB-3; however, due to the sample collection methods utilized, the amount of free product present could not be measured. The groundwater samples collected from SB-3 and SB-10 and soil sample SB-3 (18-19 feet) detected elevated concentrations of several petroleum related VOCs. Specifically, benzene exceedences were observed in three groundwater samples along S. Jefferson Street ranging from 2,010 ug/L to 4,800 ug/L. Total extractable hydrocarbons (TEH) as diesel was observed in SB-3 at a concentration of 224,000 ug/L and TEH as motor oil exceedences were observed in five groundwater samples along S. Jefferson Street ranging from 850 ug/L to 5,840 ug/L. Concentrations of benzene and TEH as diesel exceed the actual and potential groundwater ingestion, groundwater vapor to enclosed space, and groundwater to water line standards. The site building has a basement and it is assumed that there are water and sewer lines along S. Jefferson Street where the contamination was observed.

Additional investigation is required to determine the extent of the contamination, determine the likely source of the contamination, and to evaluate potential vapor concerns. The City of Ottumwa does not currently own the property; therefore, the Department cannot require the City to conduct the additional investigation onsite. As such, the Department retains discretion to require the property owner to conduct further assessment. With that said, it may be beneficial for the City of Ottumwa to proceed with further investigation to aid future development of the surrounding area.

Please notify the Department if you plan to conduct additional investigation at this site in order to address the concerns noted above **no later than June 13, 2014**. Feel free to contact me if there are any questions, comments, or concerns at 515-281-4420.

Sincerely,

A handwritten signature in black ink, appearing to read 'Tami S. Quam', with a stylized, cursive script.

Tami S. Quam  
Environmental Specialist Senior  
Contaminated Sites Section  
Iowa Department of Natural Resources

Cc: Cal Lundberg, Supervisor, Contaminated Sites Section, Iowa Department of Natural Resources  
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