

STATE OF

IOWA

JERRY E. BRANSTAD, GOVERNOR

CON12-15
DOC# 35860

DEPARTMENT OF NATURAL RESOURCES
LARRY J. WILSON, DIRECTOR

3 June, 1997

Mr. Roger Boydston
Iowa Department of Transportation
800 Lincoln Way
Ames, Iowa 50319

SUBJECT: Environmental assessment for aboveground storage tank site in US-6 right of way, Wauke

Dear Mr. Boydston:

Staff of the IDNR Solid Waste Section have had the opportunity to review and discuss the materials submitted regarding the environmental assessment for the former aboveground storage tank site along the right of way for improved US Highway 6 in Wauke.

The department has been inundated with varied reports of contamination, generally stemming from environmental assessments conducted for the purpose of property transfer. Because the number of such sites far exceeds the resources we have available for addressing them, we have been forced to prioritize them. We will be dealing only with sites which we deem to be the most serious threats to human health. Our first priority is sites where there is an existing or imminent threat of human exposure to levels of contamination in excess of health based guidelines. A second group of sites, which we will deal with as resources are available, will include sites characterized by: very high levels of contaminants, the probability of large amounts of waste, and/or the likelihood of an ongoing release of contaminants.

The limited details received by us indicate that there is petroleum contamination of groundwater, in excess of department guidelines, at the site. However, it does not appear that the situation fits any of the criteria for an elevated priority, as outlined above. Therefore, the IDNR will require no further action in this case. This judgment is based on information currently available to us and is subject to revision, if additional information suggests such a change to be warranted. It should be noted that many environmental assessments are cursory in nature and do not, therefore, provide adequate information to permit an evaluation with a high degree of confidence.

If you have any questions, please feel free to call me at 515/281-7040.

Respectfully,

Cal Lundberg, Ph. D.
Environmental Specialist

cc: FO 5

James Gastineau, UST Section, IDNR

SITE INVESTIGATION REPORT

REVIEW FORM

Date: 10/1/97

SITE INFORMATION

Property owner Unknown Mailing address _____
Location/Legal description Adelphi Waukegan - South of Hwy 6 west of 6th St.
Report prepared by RUST Report submitted by DOT - Roger B. Bostrom, 800 Lincoln Hwy Ames, IA 50010
Date report submitted 2/15/97 to UST then 4/23 to USB from UST Areal size of property unknown Current usage unknown

REPORT INFORMATION SUMMARY

Summarize the data submitted (no., type, depth of soil borings, surface samples, ground water samples, other sampling conducted, analysis performed, contamination identified, etc.)
vils: 5 borings sampled Soil 1 - boring sampled water - analyses for Petro related
vils: BTEX TEH

Flow Site (shore line)

Can 12-12

AST Waukegan (IDOT)

Summarize the site history (past usages, known or suspected contamination pathways such as tanks, S.W. burial, septic tank/tilefield, lagoon, land application, etc.)

unknown except that site used to be a petroleum AST bulk site

Summarize other relevant information (include what may have been learned or known from sources other than the report itself, such as DNR files)

The View - Only identifies 1 city well nearby (also one oil of town); it is 2737 ft deep also 1 water use permit at 1000 ft.

REVIEW SUMMARY

Summarize your findings and conclusions regarding the contaminants found, their extent and concentrations and relate those values known criteria such as water quality standards, MCLs, established clean up levels, background or any other relevant or useful benchmarks used to determine the sites priority.

Soil contain minimal - none above action levels
 Groundwater benzene 816 ppb (UST CAL 5), TEH diesel 6100 ppb (1200) also TEX

Summarize the potential or actual impacts of the contamination. What is known about the neighboring area, i. e. are there residences, businesses, public use areas, etc? Are there wells in the area that could be potentially impacted? Are there identified contaminant pathways such as water or sewer lines, drain tiles, or fissures? Identify any other use/location issues that deserve consideration in any priority assignment.

Samples only in ROW for proposed Hwy improvement -> it doesn't say much about the site as a whole

No targets apparent. Nearby wells ident. on Arc View are deep

Summarize any other information, knowledge, or reasoning used in determining your recommendation regarding the priority assigned to this site.

Sketchy info but no reason to suspect anything above prio 3.

Person Completing This Form

Calvin L. Allen

Date 6/2/97

Person(s) Who reviewed this form

Larry Hays

Date 6/5/97

Wesley E. Day

6/5/97

Priority Level Assigned (circle one) 1 2 **3** 4