



TERRY E. BRANSTAD, GOVERNOR

CON12-15
DOC# 35924

7/96

DEPARTMENT OF NATURAL RESOURCES
LARRY J. WILSON, DIRECTOR

17 December, 1996

Ms. M. Sabrina Attaluri
United States Postal Service
6800 W 64th St., Suite 100
Overland Park, Kansas 66202-4179

SUBJECT: Environmental assessment for property in Lamont, Iowa

Dear Ms. Attaluri:

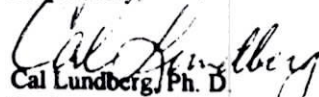
Staff of the IDNR Solid Waste Section have had the opportunity to review and discuss the materials submitted regarding the environmental assessment for property at 618-622 Bush Street, Lamont, Iowa.

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.

Groundwater samples collected at the site do indicate the presence of several metals in excess of IDNR action levels. However, the situation does not appear to fit the criteria for an elevated priority, as described 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 1

Site - Lamont
Assessment
✓

SITE INVESTIGATION REPORT

REVIEW FORM

How did you find this?	Date
Bush Street Lamont	1/19/96

SITE INFORMATION

Property owner Village of Lamont Mailing address ?

Location/Legal description 618, 620 & 622 Bush Street, Lamont, Iowa

Report prepared by DPRA Inc. Report submitted by Ms. H. Sabrina Attaluri, US Postal Service,

Date report submitted Nov 27, 1996 Areal size of property ~ 6600 Sq. Ft. Current usage vacant - under development

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.)

4 soil borings soil & groundwater analyzed for petro. comp.

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

portion - auto dealership 1940's & 50's, ag. machinery (160's) (USR unknown)

also - drug store, hardware store, car wash

across alley former seed corn storage

nearby 2 man. wells pesticide storage shed 500 ft south

Lamont well 2 30 ft east of property

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

Arc View 2 city wells in very close proximity one is 1195 ft deep the other 160 ft

NEW SUMMARY

Summarize your findings and conclusions regarding the contaminants found, their extent and concentrations and 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.

No petroleum cmpls. found in soil or groundwater.

additional report contained metal results for groundwater - (MCL in paren)

Lead 0.047M (0.015)

arsenic 0.014 (0.05) (action level 0.0002!)

barium 1.6 (2)

cadmium 0.048 (0.005)

chromium 0.0168 (0.100)

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.

Lead arsenic & cadmium exceed action levels (Ch 133), lead & cadmium exceed drinking water standards but by < 1 order of magnitude. Discussion suggests no obvious source & does not indicate whether samples had been field filtered.

Boring logs indicate sandy soils so contaminants might migrate, but no obvious target concerns.

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

Metals contamination - ambiguous & not extreme (far less than 3 orders of magnitude) no clear target concerns.

Scope of investigation not exhaustive but more than usual.

Person Completing This Form C. L. L.

Date 12/17/96

Person(s) Who reviewed this form Larry Hage

Date 12/17/96

Joseph E. Oler

12-17-96

Priority Level Assigned (circle one) 1 2 3 4