

Graphic Property, Mason City
Initial discovery of petroleum contamination

CON12-15
DOC# 35925

SITE INVESTIGATION REPORT

REVIEW FORM

New Site (More Photo)	Can 15-18
Stoyles Graphic Services	UNIV

SITE INFORMATION

Property owner Stoyles Graphic Services Mailing address Stoyles Graphic, 19 8th St S.E. Mason City, IA 56001
Attn: Mr. Willis Ball, V.P. of Production
Location/Legal description S.W. Corner of 8th St SE & Delaware Ave, Mason City, Behind building, near alley
Report prepared by EOZ Report submitted by EOZ
Date report submitted 9/29/94 Areal size of property unknown Current usage Commercial -
Graphics processors

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.)

In Actual analytical samples only one from monitoring well - groundwater sample for
BTEX. Anecdotal comments on soil contamination based on factory
considerations

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

Stoyles Graphic plating expansion, in drilling pilot holes for foundation strong
odor of contamination was discovered, trenches dug in which 20' S had odor.
Location is behind Stoyles but also behind a building purchased by them, formerly
known as American Auto Sports. Monitoring well was installed in presumed
down gradient direction to check for groundwater contamination.

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

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.

One ground water sample analyzed for BTEX - Analytical values followed by relevant UST/LUST CALs and ch 133 action levels. Benzene 880 ppb (5 ppb, 1 ppb), Toluene 4500 ppb (2470 ppb, 1000 ppb), Ethylbenzene 8400 ppb (700 ppb, 200 ppb), Xylenes 7100 ppb (12,000 ppb, 10,000 ppb). Anecdotal soil evidence not yet conclusive.

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.

Limited information. FOC not aware of any very close wells. Neighboring property (owned by Styles Graphic) was auto related, likely source of gasoline contamination.

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

Person Completing This Form _____ Date _____

Person(s) Who reviewed this form _____ Date _____

Priority Level Assigned (circle one) 1 2 3 4