



Site
Investigation
Report
Review

SIRR Report
for
Unassigned Uncontrolled Sites

SIRR ID P57-0012
Site Name ROCKWELL-GOSS
City Location Cedar Rapids
Site Type Property Audit
County Linn

Screening Activity Initial Site Screening

SITE INFORMATION

Property Owner Goss Graphics Systems, Inc.
Mailing Address 700 Oakmont Lane
Westmont, Illinois 60559
Location/Legal Description 4700 Bowling Street S. W.
Lot 7, Auditor's Plat No. 463, Linn County, Iowa
(southeast Cedar Rapids)

Size Of Property 40 acres

Report Prepared By ERM-North Central, Inc.

Date Report Submitted 03/25/1998

Report Submitted By ERM

Current Usage Vacant

REPORT INFORMATION SUMMARY

I. Summarize the data submitted (no., type, depth of soil borings, surface samples, ground water samples, other sampling conducted, analyses performed, contamination identified, etc.)

A Phase II investigation was conducted by Dames & Moore in November 1995. This included two soil borings and the installation of monitoring wells in each boring. Soil samples were collected from each boring and two surface locations and analyzed for VOCs, PCBs, TPH and RCRA metals. Groundwater samples were collected from the new wells and analyzed for VOCs, PCBs, TPH and RCRA metals.

Surface sample SS-2 was collected near a chemical storage room on the west side of the facility. The sample results showed contamination with PCE (0.157 ppm), 1,1,1-TCA (0.031 ppm), and PCBs (11.6 ppm). No significant contamination was found at the other three sample locations.

A limited remedial action was conducted by Dames & Moore in June 1996. Approximately 16 cubic yards of contaminated soil were removed from a 15' by 15' area on the west side of the chemical storage area. Four confirmatory soil samples were collected from the sides and bottom of the excavation. The highest remaining levels of contamination were PCE (6.48 ppm), 1,1,1-TCA (2.75 ppm), PCBs (3.72 ppm), and TPH (2,930 ppm). Clean fill was placed in the excavated area. Eight 15' geoprobe soil borings were installed to further evaluate the extent of contamination. The one boring in the excavation area showed PCE (1.54 ppm), 1,1,1-TCA (0.693 ppm), and TPH (1,290 ppm). No contaminants were detected in soil samples from borings outside of the excavation area.



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Howard R. Green conducted a Phase II investigation in April 1997. Surface soil samples were collected from seven locations and analyzed for TPH, VOCs, PCBs and metals. TPH was found as high as 14,000 ppm.

Howard R. Green conducted a supplemental Phase II investigation in June 1997. Eight monitoring wells were installed and sampled for metals, VOCs and TPH. Two of these wells were installed approximately 300 feet downgradient from the chemical storage area. Several chlorinated compounds were detected in these two wells. This included PCE (44 ug/L), 1,1,1-TCA (245 ug/L), and 1,1-DCE (168 ug/L). Lead was reported above action levels in all but one of the wells. These wells were resampled in February 1998 for dissolved metals and a selected VOCs. Neither lead or chromium were found above the minimum detection limits. The VOCs were found at levels similar to the 1997 sample event.

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

The facility was previously owned by Rockwell International and then by Goss Graphic Systems. The current owner is the Gazett Corporation.

Rockwell Graphics System operated two adjacent facilities on Bowling Street. The "west" plant at 4700 Bowling Street was formerly the Hunter Airport and was occupied by Rockwell in 1965. The "east" plant at 4401 Bowling Street was formerly owned by FMC Corporation and was occupied by Rockwell in 1987. The two facilities manufactured newspaper and commercial printing presses. In the 1990s the manufacturing activities were consolidated in the "east" plant leaving the "west" plant for warehousing. When the 215,000 square foot plant was used to manufacture printing presses the company used large quantities of paints and solvents.

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

RCRA facility while operating (large quantity generator).

REVIEW SUMMARY

Contaminant Type **Other**

I. Summarize your findings and conclusions regarding the contaminants found and their extent and concentrations. Relate those values known criteria such as water quality standards, MCLs, established cleanup levels, background or any other relevant or useful benchmarks used to determine the site's priority.

Soil and groundwater contamination have been documented for PCBs, TPH, and several VOCs. The residual PCB contamination of 3.72 ppm after the 1996 removal action is slightly above the new statewide standards for the incidental soil ingestion pathway (2.1 ppm). Several VOC compounds were found above the new statewide standards for groundwater in monitoring wells about 300 feet downgradient from the chemical storage area. All were less than an order of magnitude above the new statewide groundwater standards.

II. 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.

This area of Cedar Rapids is industrial. The city well field is upgradient to the northeast along the Cedar River.



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

Greg Fuhrman of the department reviewed various information concerning site contamination submitted by the previous owner of the site (Goss Graphics Systems). A no further action letter was sent to Goss in April 1998.

Groundwater contaminant levels were found above the statewide standards for several VOCs more than three hundred feet downgradient from a former chemical storage area. The extent of horizontal and vertical contamination has not been determined. However there are no nearby receptors. Some of the contaminated soil near the chemical storage area was removed in 1996. The split groundwater sample results in February 1998 were nondetect for metal contamination and the VOC contamination was consistent with previous sampling results. The site information is limited but does support a priority 3 classification in the absence of better information.

PRIORITY LEVEL

Priority Level 3

PROGRAM AUTHORITY REFERRAL

Program Authority Referral No Further Action

Other Referral

Form Completed	John Vedder	Date ISS Completed	01/19/1999
		Date ESS Completed	
		Date Completed	04/22/1998
Form Reviewed	Lavoy Haage Joe Obr	Date Reviewed	1/22/99 1/25/99

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Joseph E. Obr