

**Title:** 1987 Volatile Organic Compound (VOC) Testing Project in Rock County, Wisconsin (Study No. 37)

**Investigator:** Principal Investigator  
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**Objectives:** To determine the extent of VOC groundwater contamination in Rock County.

**Background/Need:** Drinking water in Rock County is vulnerable to VOC contamination based on the vicinity of landfills to private wells and the direction of groundwater flow.

**Methods:** Private and non-community wells were sampled in 1987 around active or closed solid waste disposal sites. Risk for groundwater pollution was assigned to solid waste disposal sites based on proximity to industrial area, proximity to wells, and assimilation characteristics of subsoil.

**Results:** No detectable levels of VOCs were found in any of the wells sampled.

**Conclusions:** If contamination does exist, the intake of wells sampled do not intersect the contamination plume.

**Recommendations/Implications:** Future well sampling and analysis may be necessary to determine water quality change.

**Availability of Report:** This report is available for viewing and loan at:  
  
The Water Resources Center  
1975 Willow Drive  
Madison, WI 53706  
(609) 262-3069  
Publication 050869

**Key Words:** Landfill, Rock County, volatile organic compounds

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