

Monitoring Wells to Determine the Extent of Groundwater Contamination
by Ordram in the Vicinity of Corning, California.

I. OBJECTIVES

To monitor the levels of Ordram in water from wells within a one mile radius of a well found to be contaminated near Corning, California.

II. PERSONNEL

The monitoring will be conducted by personnel in EHAP under the overall supervision of Don Weaver. All inquiries regarding the progress and/or results of any facet of the monitoring program should be directed to him in Sacramento (916-322-2395 or ATSS 492-2395). Questions concerning all aspects of the chemical analysis of collected samples should be directed to Tom Mischke in Sacramento (916-322-2395 or ATSS 492-2395).

III. PROCEDURES

Well logs will be obtained for all wells in the study area and will be used to obtain information on well depth and other characteristics. Each well will then be located by EHAP personnel and permission to obtain water samples will be obtained from the owners. If wells are located for which no log is available, they will also be sampled and included in this study.

Well log information will be used to calculate the volume of water that must be pumped before groundwater is being sampled from each well.

Water samples will be collected in one liter amber glass bottles with plastic caps and foil liners. One bottle of water will be collected from each well. The water samples will be put on wet ice (4°C) immediately after collection and kept on ice or under refrigeration at 4°C until analysis.

All water samples will be analyzed for Ordram and the sulfoxide breakdown product.