

TO: SOLID WASTE PERMITTEES

**FROM: DEPARTMENT OF ENVIRONMENTAL QUALITY
LAND PROTECTION DIVISION**

RE: GROUNDWATER STATISTICAL REPORT OUTLINE

The Solid Waste Permit unit of the Land Protection Division has developed this outline to assist permitted facilities and their consultants in preparing groundwater data and associated reports for submission to the Department. Please contact us if there are questions or concerns regarding the use of this outline.

Groundwater Detection Monitoring Statistical Report Outline

- I. Introduction
- II. Monitoring Program
 - A. Monitoring Schedule
 - B. Monitoring Parameters
 - C. Monitor Well Purging
 - D. Monitoring Well Sampling
 - E. QA/QC Samples
 - F. Monitor Well Inspection and Maintenance Program
- III. Site Hydrology Summary
 - A. Site Geology
 - B. Groundwater Flow Gradient and Rate
- IV. Discussion of Laboratory Analyses
 - A. QA/QC Samples
 - B. Laboratory Quality Control
- V. Statistical Analysis of Groundwater Data
 - A. Downgradient Detection Monitoring Wells
 - B. Assessment Wells (if in a corrective action stage)
- VI. References
 - A. Laboratory Reports
 - B. Field Data Sheets
 - C. Statistical Plots of Data

Figures

- 1. Site Location Map
- 2. Current Groundwater Contour Map