

APRIL 18, 2008

RESPONSE TO COMMENTS
ILLINOIS EPACOMMENTS
MARCH 10, 2008
DRAFT LONG-TERM GROUNDWATER MONITORING REPORT
SITE 2 – FORRESTAL LANDFILL
SITE 3 – SUPPLYSIDE LANDFILL
NAVAL STATION GREAT LAKES

- 1) **Sections 3.2 and 4.2** – The analytical results for this round of sampling should also be compared to the previous rounds of sampling to determine if there are any trends occurring in regards to contaminant concentrations. This type of information is necessary to determine if the landfills are adversely impacting the surrounding groundwater.

Response: Agreed. The previous sampling results will be included on Tables 3-1 and 4-1. Trend charts with the sampling results to date will also be provided in the appendices for parameters with at least one exceedance of criteria in at least one round.

- 2) **General Comment** – There needs to be a Conclusions Section added to assess the collected data and provide the Navy's conclusions as to whether the groundwater in the area is contaminated and if the landfills are the source of that contamination.

Response: Conclusion subsections will be added to Sections 3 and 4, discussing the constituents detected above criteria, any trends (if discernible) of constituent concentrations, possible source of impacts, and recommendations for the monitoring program at each site. The subsections will identify potential sources of the positive detections at the sites (e.g., although no background levels of constituents are available for groundwater for the sites, the elevated concentrations of several metals likely represent area-wide concentrations, as similar concentrations were detected at Site 1). The section will emphasize the relatively low concentrations of constituents detected and the presumptive implementation of land-use controls to restrict exposure. Recommendations for reduction in the sampling requirements following the eighth quarter of monitoring will be included in the text.

- 3) **Appendix A** – On the Groundwater Level Measurement Sheet, the groundwater elevation for FL-05 is incorrectly as 667.03 instead of 639.30. The correct level is used on Figure 3-1, however. Please revise as necessary.

Response: Agreed. The correction will be made to Groundwater Level Measurement Sheet as noted.

- 4) **Appendix A** - Many of the Chain-of-Custody Forms show the samples being received by Fed Ex, but not the receiving laboratory. Unless Fed Ex was performing the analyses, these forms are incomplete. Please provide the completed forms.

Response: Complete Chain-of-Custody Records with signatures from the receiving laboratories were included in the data validation report. However, the completed Chain-of-Custody Records will be included in Appendix A, as noted.