

**RESPONSES TO U.S. EPA AND OEPA COMMENTS
ON THE 1999 INTEGRATED SITE
ENVIRONMENTAL REPORT**

**FERNALD ENVIRONMENTAL MANAGEMENT PROJECT
FERNALD, OHIO**

SEPTEMBER 2000

U.S. DEPARTMENT OF ENERGY

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Action: DOE will add photographs of ongoing and completed ecological restoration projects in future IEMP annual integrated site environmental reports.

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Response: The reason for this statement is two-fold. First, observations following storm events have revealed that a large amount of sediment is carried in Paddys Run from upstream, off-site sources. Any contribution of suspended sediment from the northern drainage ditch is minimal when compared to the overall sediment load in Paddys Run following rain events. Secondly, the 1999 survey demonstrated that a sustaining population of Sloan's crayfish is present in Paddys Run. This survey was conducted in June, several months after the first observation of increased sediment loading from the northern drainage ditch.

Action: DOE will revise the text in future IEMP annual integrated site environmental reports to state that "...it is unlikely that there was an impact..."

10. **Commenting Organization:** Ohio EPA **Commentor:** DSW
Section #: 4.4 **Pg.#:** 81 **Line #:** Table 4-4 **Code:** C
Original Comment #: 4
Comment: It would be helpful to have the sampling station code shown on Figure 4-9 with the sampling location names on this table (eg Great Miami River, North of the Effluent Line (G2)).
Response: DOE agrees with comment.
Action: The sediment sample location codes will be shown with the sample location names on the sediment table in future IEMP annual integrated site environmental reports.
11. **Commenting Organization:** Ohio EPA **Commentor:** DSW
Section #: Appendix E **Pg.#:** E-2 **Line #:** Table E-1 **Code:** C
Original Comment #: 5
Comment: This table only shows part of the co-located results. For example, in addition to Radium 226, Ohio EPA also analyzed sediment at P1 for total uranium yet only the results for Radium 226 are shown; in addition to SWR-01, SWP-03 is the same as Ohio EPA sampling location PR1.8 but no results are shown in this table. Please explain.
Response: DOE was unaware of the additional data. In the future, the table will be sent to the Ohio Environmental Protection Agency to review for correctness prior to issuing the report.
Action: All pertinent co-located sampling results will be included in future IEMP annual integrated site environmental reports.
12. **Commenting Organization:** Ohio EPA **Commentor:** DSW
Section #: Appendix B.1 **Pg.#:** B1-3 **Line #:** NA **Code:** C
Original Comment #: 6
Comment: There has been an ongoing problem with obtaining samples from some locations (eg. SWD-03) and a plan is presented to eliminate these problems. However, the 1st quarter 2000 report indicates these problems have not yet been resolved as samples are still not being collected. Please explain.
Response: DOE acknowledges that there have been instances of missed samples in previous quarters. We have increased our efforts to improve communications with the sampling personnel by way of monthly sampling meetings designed to ensure the necessary sampling preparation is in place prior to the beginning of a particular quarter or month. Additionally, DOE is committed to begin sampling at the beginning of the month or quarter increasing the chances of successfully obtaining the required samples.
Action: No action required.

