



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

Mitchell E. Daniels, Jr.
Governor

Thomas W. Easterly
Commissioner

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March 23, 2009

Mr. Jim Hunsicker
Director, Environmental Protection Department
Department of the Navy, Crane Division
Naval Surface Warfare Center
300 HWY 361
Crane, Indiana 47522-5000

Re: UXO 5 Site – Bldg 2044 Drop Tower / Test Rail
NSWC Crane
Crane, Indiana
IN 5170023498

Dear Mr. Hunsicker:

The Indiana Department of Environmental Management has reviewed the Site Inspection Report for UXO 5, the Building 2044 Drop Tower / Test Rail site, dated February 2009, and has the following comments.

Nineteen samples, each a composite from four discrete locations, were collected and analyzed for explosives and metals at the Drop Tower / Test Rail site.

-Explosives were detected at two locations with concentrations of approximately one percent of the residential direct exposure standard.

-Lead was detected in one sample at 597 mg/kg, which is above the residential direct exposure standard but well below the industrial standard. The other 18 samples had concentrations of 25 mg/kg or less.

-Arsenic was detected in all samples, with a maximum of 13.6 mg/kg, which is below the industrial direct exposure standard. The arsenic detections are clearly naturally occurring and not related to site activities.

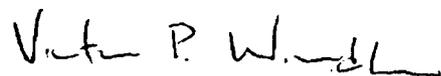
-Cadmium was detected in one sample at 38 mg/kg, which is above the residential standard but far below the industrial standard. The other 18 samples had concentrations below 3 mg/kg.

The detected concentrations do not represent a threat to human health or the environment and IDEM agrees with the report recommendation of No Further Action.

The No Further Action decision for this site is not complete until the facility RCRA permit has been modified. The Navy may submit a permit modification request as Class 1 with Prior Approval to the IDEM. The modification request should include proposed language to modify all appropriate areas of the permit, including the list of SWMUs requiring Corrective Action on page 34 of section J in Attachment 0, and the SWMU summary for this site on page 41.

If you have any questions regarding this matter, please call Doug Griffin of my office at 317/233-2710.

Sincerely,

A handwritten signature in black ink that reads "Victor P. Windle". The signature is written in a cursive style with a long horizontal flourish at the end.

Victor P. Windle, Chief
Hazardous Waste Permit Section
Permits Branch
Office of Land Quality

cc: 1C3b file