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January 24, 2007

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To facilitate the project, Lockheed Martin would like to discuss the exterior remedial plan and to see if it can be developed.

I like to meet with you in early February to discuss your concurrence on the approach being

If you have any questions or require additional information, please feel free to contact me at 330-796-8070.

information, please feel free to contact me

Sincerely,



Brad Heim

Attachments:

Haley's Ditch Investigation Summary  
Proposed fence alignment map  
Fact Sheet

Copy: Rod Beals, Ohio EPA, Northeast District Office

## **Lockheed Martin, Akron Ohio Haley's Ditch Investigation – November 2006 Sampling Results**

As an extension of investigations previously conducted, soil and sediment samples were collected in a portion of Haley's Ditch north of property owned by Lockheed Martin and Goodyear Corporation bounded by Archwood Avenue to the north and Sieberling Street to the east. The general location of the investigation area is provided in Figure 1. Because Lockheed Martin does not own any of this property, access agreements were obtained from several property owners to allow for collection of the samples.

A total of 155 soil samples were collected from 38 locations and 17 sediment samples collected from 6 locations in Haley's Ditch and the adjacent creek bank and floodplain soils. The samples were collected on November 6 and 7, 2006. All soil and sediment samples were submitted to Severn Trent Laboratories in Canton, Ohio and analyzed for total PCBs using USEPA SW-846 Method 8082.

Soil samples locations were generally sited along transects aligned perpendicular to the ditch at approximately 100 foot spacing across the study area which extends from the Goodyear property westward towards Seiberling Street. At a minimum, two soil sample locations were sited on each side of the creek, one at the approximate top of bank, and one sediment sample location was sited in the center of the ditch. In areas which appeared prone to flooding, additional soil samples were sited at approximately 50 foot intervals from the ditch to the limits of the flood prone area as shown on Figure 2.

Discrete soil samples were collected at 6-inch intervals from ground surface to 3-feet below ground surface (bgs) or until the sample equipment was obstructed. All 0-6 inch samples were analyzed for PCBs, if this initial analysis indicated the presence of PCBs at a concentration greater than or equal to 1 milligram per kilogram (mg/kg) the co-located 6 to 12-inch sample was analyzed for PCBs. This sequential sampling and analysis approach continued until analytical results indicated that PCBs were less than 1 mg/kg, or all samples were analyzed to a depth of 3 feet. Using this sequential sample analysis approach, a total of 155 soil samples from 38 sampling locations were analyzed for PCBs.

Sediment samples were collected at each of the 100 foot transects. As with the soil samples, in areas where sufficient sediment depth was available, discrete samples were collected at 6-inch intervals to a depth of 3 feet. All 0 to 6 inch samples were analyzed for PCBs, if this initial analysis indicated the presence of PCBs at a concentration greater than or equal to 1 ppm, the co-located deeper sample(s) was analyzed for PCBs. A total of 21 sediment samples from 6 sampling locations were analyzed for PCBs.

The analysis results for these samples is provided in Table 1.



Figure 1. Haley's Ditch General Location Map



Figure 2. Haley's Ditch November 2006 Sample Location Map







**Table 1. (Continued) Haley's Ditch November 2006 Sample Results**

**Sample ID**

**Table 1. (Continued) Haley's Ditch November 2006 Sample Results**

<b>Sample ID</b>	<b>Depth (Feet)</b>	<b>Date Collected</b>	<b>Aroclor 1016 (mg/kg)</b>	<b>Aroclor 1221 (mg/kg)</b>	<b>Aroclor 1232 (mg/kg)</b>	<b>Aroclor 1242 (mg/kg)</b>	<b>Aroclor 1248 (mg/kg)</b>	<b>Aroclor 1254 (mg/kg)</b>	<b>Aroclor 1260 (mg/kg)</b>	<b>Aroclor 1268 (mg/kg)</b>	<b>Total PCBs (mg/kg)</b>
	0.5 - 1	11/7/2006	ND	ND	ND	ND	ND	0.013	ND	ND	0.013



**Table 1. (Continued) Haley's Ditch November 2006 Sample Results**

<b>Sample ID</b>	<b>Depth (Feet)</b>	<b>Date Collected</b>	<b>Aroclor 1016 (mg/kg)</b>	<b>Aroclor 1221 (mg/kg)</b>	<b>Aroclor 1232 (mg/kg)</b>	<b>Aroclor 1242 (mg/kg)</b>	<b>Aroclor 1248 (mg/kg)</b>	<b>Aroclor 1254 (mg/kg)</b>	<b>Aroclor 1260 (mg/kg)</b>	<b>Aroclor 1268 (mg/kg)</b>	<b>Total PCBs (mg/kg)</b>
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**Fact Sheet**  
**Airdock - Haley's Ditch Voluntary Site Monitoring**  
**January 2007**

**Background**

The Airdock was built by Goodyear-Zeppelin Corporation in