

Lockheed Martin
Maritime Systems & Sensors
1210 Massillon Road Akron, OH 44315
Telephone 330.796.2800



January 24, 2007

Mr. Tony Martig
United States Environmental Protection Agency
Region 5
77 West Jackson Boulevard (DT-8J)
Chicago, Illinois 60604

Re: Lockheed Martin Corporation Akron
Airdock Exterior Remediation Program,
Akron, Ohio

Dear Mr. Martig:

Introduction and Background

The purpose of this letter is to update you on Lockheed Martin's exterior remediation accomplishments in 2006 at the Akron Airdock and to transmit the most recent sampling data from the ongoing assessment of Haley's Ditch. Plans involving the exterior remediation elements for 2007 are also summarized.

Beginning in 2003 and continuing to present, Lockheed Martin has successfully planned and implemented a remedial approach centered on source control (focusing on the Robertson Protected Metal ("RPM") siding with which the Airdock was originally constructed, which contains Aroclor 1268 PCBs) and appropriate cleanup actions. The general remedial approach for the Airdock exterior was set forth in the June 8, 2005, submittal to EPA Region 5 of Lockheed Martin's "Airdock Exterior Remediation Plan and Schedule." The following section provides a brief summary of the primary accomplishments in 2006.

2006 Progress

Siding Replacement

Approximately 30 percent of the exposed RPM siding was replaced in 2005, and most of the siding replacement was completed in 2006. The remaining exposed RPM siding is limited to the Fire Pump House, the two north door motor houses, two door pin enclosures on the roof of the Airdock, and a portion of the northeast door rear lip. The replacement or covering of all of the remaining exposed RPM will be completed in the spring of 2007, when weather conditions permit safe construction activities to resume.

Soil Sampling

Soil sampling was performed under pavement that surrounds the majority of the Airdock. The results of this sampling were reported to you on August 30, 2006, as part of an approval request for managing removal of soil containing less than 50 ppm PCBs.

Haley's Ditch Assessment.

As reported to you in letters dated October 25, 2005, and December 21, 2005, Lockheed Martin has been sampling Haley's Ditch on Lockheed Martin property and on the nearby Goodyear property. The December 21, 2005, letter informed you that Lockheed Martin planned to conduct additional sampling during 2006 on the section of Haley's Ditch that extends north (downstream) of Goodyear's property. The results of this 2006 sampling activity are attached to this letter.

Initial activities in 2006 involved several months' seeking and securing access agreements with private property owners in the northern investigation area. Once the access agreements were secured, a sampling program was initiated in late fall. A total of 155 soil and 17 sediment samples were collected from 38 soil sampling and 6 sediment sampling locations in Haley's Ditch, the adjacent creek bank, and the floodplain at various depths beneath the surface. Attached to this letter is a summary report describing the sampling methodology, figures to show where samples were collected, and the sample analysis results.

Access to the southern portion of Haley's Ditch (Lockheed Martin property, City of Akron property, and Goodyear property) is controlled by a fence. Access to the northern portion of Haley's Ditch that was sampled in 2006 is not controlled (most of the lots in the sample area are undeveloped). Lockheed Martin is in the process of notifying the relevant property owners of the results of the 2006 sampling and obtaining permission to install a new fence to restrict access to this area of Haley's Ditch. A proposed fence alignment diagram is attached. Since there are multiple land owners involved, the eventual alignment of the fence may vary from the proposal depending on the outcome of negotiations with the land owners.

2007 Plans

Lockheed Martin's focus for the exterior remediation activities in 2007 will concentrate on exterior soil and pavement cleanup in compliance with both TSCA and Ohio's Voluntary Action Program (VAP). Now that source control measures are nearly complete, the remaining exterior work (pavement, soil, sewer system, and Haley's Ditch) will require a closely coordinated and unified plan for effectuating a risk-based approach.

To facilitate the project, Lockheed Martin would like to meet with you in early February to discuss the exterior remedial plan and to seek your concurrence on the approach being developed.

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

Sincerely,

A handwritten signature in black ink, appearing to read "Brad Heim". The signature is fluid and cursive, with a long horizontal stroke at the end.

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 approached 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.

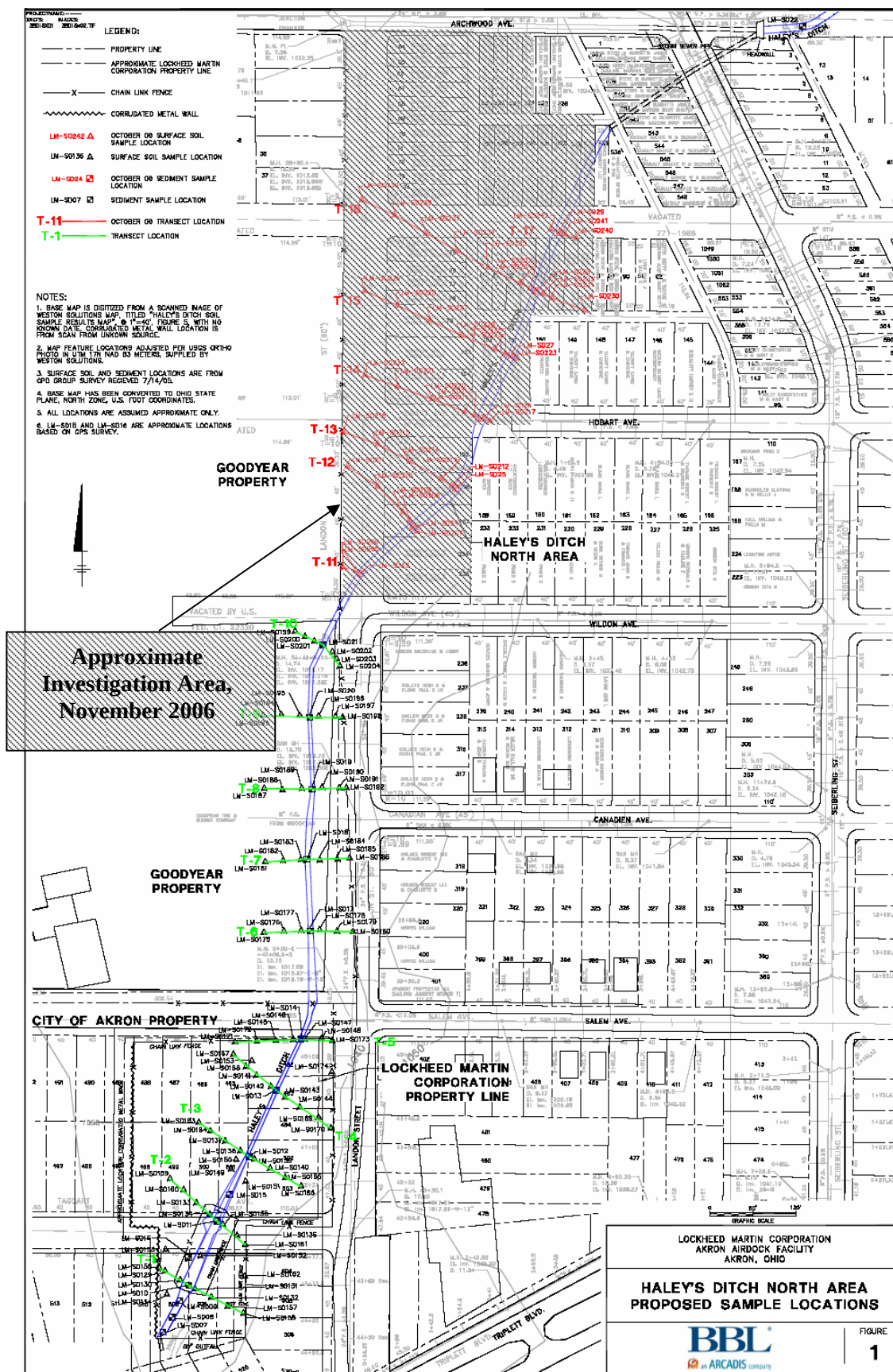


Figure 1. Haley's Ditch General Location Map

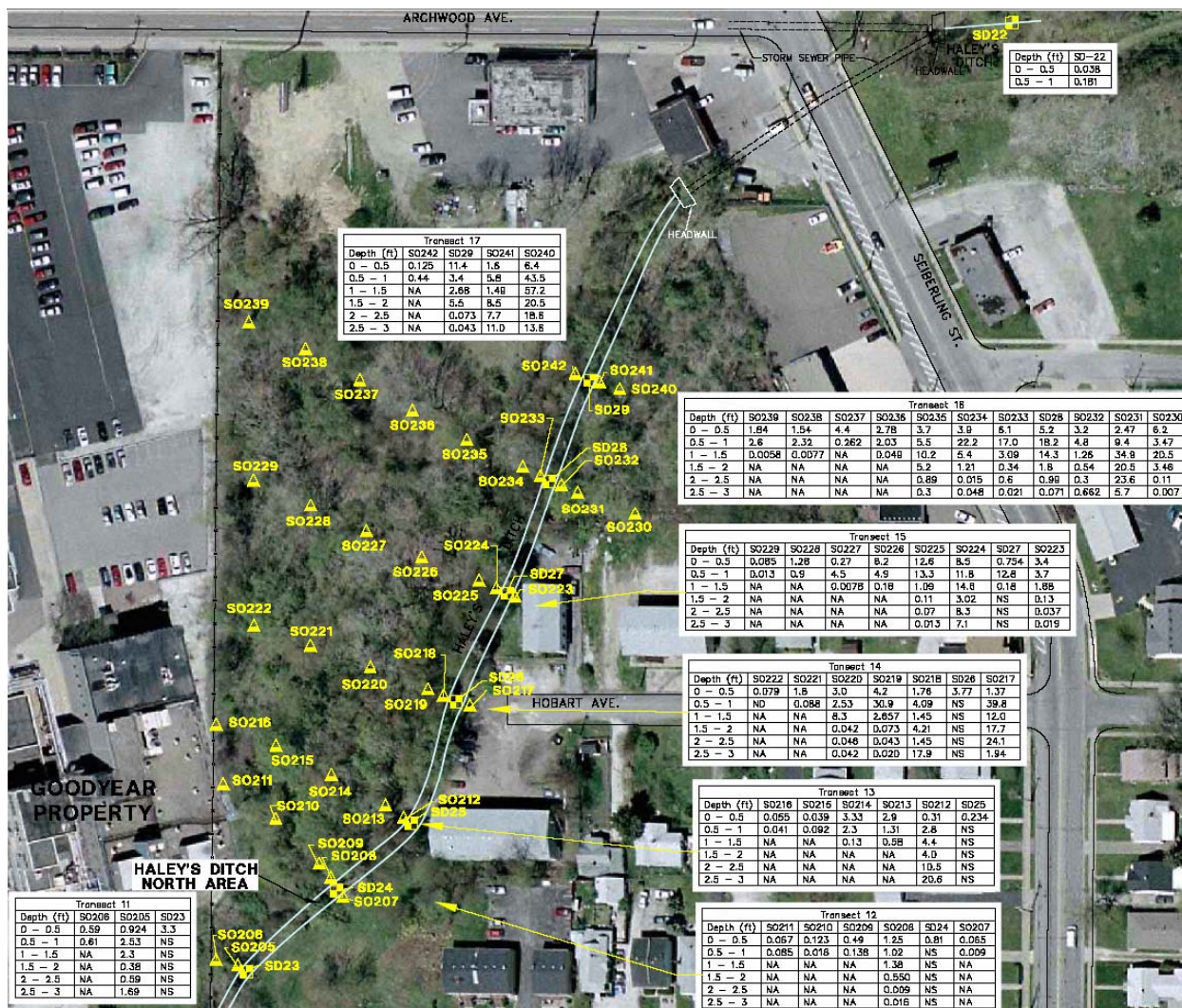


Figure 2. Haley's Ditch November 2006 Sample Location Map

Table 1. Haley's Ditch November 2006 Sample Results

Sample ID	Depth (Feet)	Date Collected	Aroclor 1016 (mg/kg)	Aroclor 1221 (mg/kg)	Aroclor 1232 (mg/kg)	Aroclor 1242 (mg/kg)	Aroclor 1248 (mg/kg)	Aroclor 1254 (mg/kg)	Aroclor 1260 (mg/kg)	Aroclor 1268 (mg/kg)	Total PCBs (mg/kg)
LM-SO205	0 - 0.5	11/6/2006	ND	ND	ND	ND	ND	0.034	ND	0.89	0.92
	0.5 - 1	11/6/2006	ND	ND	ND	ND	ND	0.83	ND	1.7	2.5
	1 - 1.5	11/6/2006	ND	ND	ND	ND	ND	1.2	ND	1.1	2.3
	1.5 - 2.0	11/6/2006	ND	ND	ND	ND	ND	0.12	ND	0.26	0.38
	2.0 - 2.5	11/6/2006	ND	ND	ND	ND	ND	0.11	ND	0.48	0.59
	2.5 - 3.0	11/6/2006	ND	ND	ND	ND	ND	0.19	ND	1.5	1.7
LM-SO206	0 - 0.5	11/6/2006	ND	ND	ND	ND	ND	0.20	ND	0.39	0.59
	0.5 - 1	11/6/2006	ND	ND	ND	ND	ND	ND	ND	0.61	0.61
LM-SO207	0 - 0.5	11/6/2006	ND	ND	ND	0.018	ND	ND	ND	0.047	0.065
	0.5 - 1	11/6/2006	ND	ND	ND	ND	ND	ND	ND	0.009	0.009
LM-SO208	0 - 0.5	11/6/2006	ND	ND	ND	ND	ND	0.41	ND	0.84	1.3
	0.5 - 1	11/6/2006	ND	ND	ND	ND	ND	0.43	ND	0.59	1.0
	1 - 1.5	11/6/2006	ND	ND	ND	ND	ND	0.62	ND	0.76	1.4
	1.5 - 2.0	11/6/2006	ND	ND	ND	ND	ND	0.24	ND	0.31	0.55
	2.0 - 2.5	11/6/2006	ND	ND	ND	ND	ND	ND	ND	0.009	0.009
	2.5 - 3.0	11/6/2006	ND	ND	ND	ND	ND	ND	ND	0.016	0.016
LM-SO209	0 - 0.5	11/6/2006	ND	ND	ND	ND	ND	0.17	ND	0.32	0.49
	0.5 - 1	11/6/2006	ND	ND	ND	ND	ND	0.028	ND	0.11	0.14
LM-SO210	0 - 0.5	11/6/2006	ND	ND	ND	ND	ND	0.051	ND	0.072	0.12
	0.5 - 1	11/6/2006	ND	ND	ND	ND	ND	ND	ND	0.018	0.018
LM-SO211	0 - 0.5	11/6/2006	ND	ND	ND	ND	ND	0.034	ND	0.033	0.067
	0.5 - 1	11/6/2006	ND	ND	ND	ND	ND	0.043	ND	0.042	0.085
LM-SO212	0 - 0.5	11/6/2006	ND	ND	ND	ND	ND	0.12	ND	0.19	0.31
	0.5 - 1	11/6/2006	ND	ND	ND	ND	ND	1.6	ND	1.2	2.8
	1 - 1.5	11/6/2006	ND	ND	ND	ND	ND	2.1	ND	2.3	4.4
	1.5 - 2.0	11/6/2006	ND	ND	ND	ND	ND	2.3	ND	1.7	4.0
	2.0 - 2.5	11/6/2006	ND	ND	ND	ND	ND	7.9	ND	2.6	10.5
	2.5 - 3.0	11/6/2006	ND	ND	ND	ND	ND	17.0	ND	3.6	20.6
LM-SO213	0 - 0.5	11/6/2006	ND	ND	ND	ND	ND	1.4	ND	1.5	2.9
	0.5 - 1	11/6/2006	ND	ND	ND	ND	ND	0.45	ND	0.86	1.3
	1 - 1.5	11/6/2006	ND	ND	ND	ND	ND	0.031	ND	0.27	0.30

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

Sample ID	Depth (Feet)	Date Collected	Aroclor 1016 (mg/kg)	Aroclor 1221 (mg/kg)	Aroclor 1232 (mg/kg)	Aroclor 1242 (mg/kg)	Aroclor 1248 (mg/kg)	Aroclor 1254 (mg/kg)	Aroclor 1260 (mg/kg)	Aroclor 1268 (mg/kg)	Total PCBs (mg/kg)
LM-SO214	0 – 0.5	11/6/2006	ND	ND	ND	ND	ND	0.93	ND	2.4	3.3
	0.5 – 1	11/6/2006	ND	ND	ND	ND	ND	1.3	ND	1.0	2.3
	1 – 1.5	11/6/2006	ND	ND	ND	ND	ND	ND	ND	0.13	0.13
LM-SO215	0 – 0.5	11/6/2006	ND	ND	ND	ND	ND	0.019	ND	0.020	0.039
	0.5 – 1	11/6/2006	ND	ND	ND	ND	ND	0.022	ND	0.070	0.092
LM-SO216	0 – 0.5	11/6/2006	ND	ND	ND	ND	ND	0.019	ND	0.036	0.055
	0.5 – 1	11/6/2006	ND	ND	ND	ND	ND	0.023	ND	0.018	0.041
LM-SO217	0 – 0.5	11/7/2006	ND	ND	ND	ND	1.1	ND	ND	0.27	1.4
	0.5 – 1	11/7/2006	ND	ND	ND	ND	36.0	ND	ND	3.8	39.8
	1 – 1.5	11/7/2006	ND	ND	ND	ND	ND	10.0	ND	2.0	12.0
	1.5 -2.0	11/7/2006	ND	ND	ND	ND	ND	14.0	ND	3.7	17.7
	2.0 – 2.5	11/7/2006	ND	ND	ND	ND	ND	19.0	ND	5.1	24.1
	2.5 – 3.0	11/7/2006	ND	ND	ND	ND	ND	1.5	ND	0.44	1.9
LM-SO218	0 – 0.5	11/7/2006	ND	ND	ND	ND	ND	0.66	ND	1.1	1.8
	0.5 – 1	11/7/2006	ND	ND	ND	ND	ND	3.3	ND	0.79	4.1
	1 – 1.5	11/7/2006	ND	ND	ND	ND	ND	1.2	ND	0.25	1.5
	1.5 -2.0	11/7/2006	ND	ND	ND	ND	ND	3.4	ND	0.81	4.2
	2.0 – 2.5	11/7/2006	ND	ND	ND	ND	ND	1.0	ND	0.45	1.5
	2.5 – 3.0	11/7/2006	ND	ND	ND	ND	16.0	ND	ND	1.9	17.9
LM-SO219	0 – 0.5	11/7/2006	ND	ND	ND	ND	3.1	ND	ND	1.1	4.2
	0.5 – 1	11/7/2006	ND	ND	ND	ND	29.0	ND	ND	1.9	30.9
	1 – 1.5	11/7/2006	ND	ND	ND	ND	2.6	ND	ND	0.057	2.7
	1.5 -2.0	11/7/2006	ND	ND	ND	ND	ND	0.058	ND	0.015	0.073
	2.0 – 2.5	11/7/2006	ND	ND	ND	ND	ND	0.032	ND	0.011	0.043
	2.5 – 3.0	11/7/2006	ND	ND	ND	ND	ND	ND	ND	0.020	0.020
LM-SO220	0 – 0.5	11/7/2006	ND	ND	ND	ND	ND	1.5	ND	1.5	3.0
	0.5 – 1	11/7/2006	ND	ND	ND	ND	ND	1.7	ND	0.83	2.5
	1 – 1.5	11/7/2006	ND	ND	ND	ND	ND	4.0	ND	4.3	8.3
	1.5 -2.0	11/7/2006	ND	ND	ND	ND	ND	ND	ND	0.042	0.042
	2.0 – 2.5	11/7/2006	ND	ND	ND	ND	ND	ND	ND	0.046	0.046
	2.5 – 3.0	11/7/2006	ND	ND	ND	ND	ND	ND	ND	ND	ND

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

Sample ID	Depth (Feet)	Date Collected	Aroclor 1016 (mg/kg)	Aroclor 1221 (mg/kg)	Aroclor 1232 (mg/kg)	Aroclor 1242 (mg/kg)	Aroclor 1248 (mg/kg)	Aroclor 1254 (mg/kg)	Aroclor 1260 (mg/kg)	Aroclor 1268 (mg/kg)	Total PCBs (mg/kg)
LM-SO221	0 – 0.5	11/7/2006	ND	ND	ND	ND	ND	1.1	ND	0.70	1.8
	0.5 – 1	11/7/2006	ND	ND	ND	ND	ND	0.063	ND	0.025	0.088
LM-SO222	0 – 0.5	11/7/2006	ND	ND	ND	ND	ND	0.041	ND	0.038	0.079
	0.5 – 1	11/7/2006	ND	ND	ND	ND	ND	ND	ND	ND	ND
LM-SO223	0 – 0.5	11/7/2006	ND	ND	ND	ND	ND	2.3	ND	1.1	3.4
	0.5 – 1	11/7/2006	ND	ND	ND	ND	ND	2.5	ND	1.2	3.7
	1 – 1.5	11/7/2006	ND	ND	ND	ND	ND	1.1	ND	0.78	1.9
	1.5 -2.0	11/7/2006	ND	ND	ND	ND	ND	ND	ND	0.13	0.13
	2.0 – 2.5	11/7/2006	ND	ND	ND	ND	ND	ND	ND	0.037	0.037
	2.5 – 3.0	11/7/2006	ND	ND	ND	ND	ND	ND	ND	0.019	0.019
LM-SO224	0 – 0.5	11/7/2006	ND	ND	ND	ND	ND	5.3	ND	3.2	8.5
	0.5 – 1	11/7/2006	ND	ND	ND	ND	ND	8.4	ND	3.4	11.8
	1 – 1.5	11/7/2006	ND	ND	ND	ND	ND	10.0	ND	4.6	14.6
	1.5 -2.0	11/7/2006	ND	ND	ND	ND	ND	2.1	ND	0.92	3.0
	2.0 – 2.5	11/7/2006	ND	ND	ND	ND	ND	6.0	ND	2.3	8.3
	2.5 – 3.0	11/7/2006	ND	ND	ND	ND	ND	5.1	ND	2.0	7.1
LM-SO225	0 – 0.5	11/7/2006	ND	ND	ND	ND	ND	7.7	ND	4.9	12.6
	0.5 – 1	11/7/2006	ND	ND	ND	ND	ND	9.2	ND	4.1	13.3
	1 – 1.5	11/7/2006	ND	ND	ND	ND	ND	0.60	ND	0.49	1.1
	1.5 -2.0	11/7/2006	ND	ND	ND	ND	ND	0.050	ND	0.060	0.11
	2.0 – 2.5	11/7/2006	ND	ND	ND	ND	ND	0.028	ND	0.042	0.070
	2.5 – 3.0	11/7/2006	ND	ND	ND	ND	ND	ND	ND	0.013	0.013
LM-SO226	0 – 0.5	11/7/2006	ND	ND	ND	ND	ND	4.5	ND	1.7	6.2
	0.5 – 1	11/7/2006	ND	ND	ND	ND	ND	3.5	ND	1.4	4.9
	1 – 1.5	11/7/2006	ND	ND	ND	ND	ND	0.070	ND	0.11	0.18
LM-SO227	0 – 0.5	11/7/2006	ND	ND	ND	ND	ND	0.16	ND	0.11	0.27
	0.5 – 1	11/7/2006	ND	ND	ND	ND	ND	2.3	ND	2.2	4.5
	1 – 1.5	11/7/2006	ND	ND	ND	ND	ND	0.046	ND	0.008	0.008
LM-SO228	0 – 0.5	11/7/2006	ND	ND	ND	ND	ND	0.80	ND	0.48	1.3
	0.5 – 1	11/7/2006	ND	ND	ND	ND	ND	0.66	ND	0.24	0.90
LM-SO229	0 – 0.5	11/7/2006	ND	ND	ND	ND	ND	0.063	ND	0.022	0.085

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

Sample ID	Depth (Feet)	Date Collected	Aroclor 1016 (mg/kg)	Aroclor 1221 (mg/kg)	Aroclor 1232 (mg/kg)	Aroclor 1242 (mg/kg)	Aroclor 1248 (mg/kg)	Aroclor 1254 (mg/kg)	Aroclor 1260 (mg/kg)	Aroclor 1268 (mg/kg)	Total PCBs (mg/kg)
	0.5 – 1	11/7/2006	ND	ND	ND	ND	ND	0.013	ND	ND	0.013
LM-SO230	0 – 0.5	11/7/2006	ND	ND	ND	ND	ND	4.6	ND	1.6	6.2
	0.5 – 1	11/7/2006	ND	ND	ND	ND	ND	3.0	ND	0.47	3.5
	1 – 1.5	11/7/2006	ND	ND	ND	ND	19.0	ND	ND	1.5	20.5
	1.5 -2.0	11/7/2006	ND	ND	ND	ND	ND	2.6	ND	0.86	3.5
	2.0 – 2.5	11/7/2006	ND	ND	ND	ND	ND	ND	ND	0.11	0.11
	2.5 – 3.0	11/7/2006	ND	ND	ND	ND	ND	ND	ND	0.007	0.007
LM-SO231	0 – 0.5	11/7/2006	ND	ND	ND	ND	1.5	ND	ND	0.97	2.5
	0.5 – 1	11/7/2006	ND	ND	ND	ND	ND	6.2	ND	3.2	9.4
	1 – 1.5	11/7/2006	ND	ND	ND	ND	ND	29.0	ND	5.9	34.9
	1.5 -2.0	11/7/2006	ND	ND	ND	ND	ND	13.0	ND	7.5	20.5
	2.0 – 2.5	11/7/2006	ND	ND	ND	ND	ND	18.0	ND	5.6	23.6
	2.5 – 3.0	11/7/2006	ND	ND	ND	ND	ND	4.1	ND	1.6	5.7
LM-SO232	0 – 0.5	11/7/2006	ND	ND	ND	ND	ND	1.2	ND	2.0	3.2
	0.5 – 1	11/7/2006	ND	ND	ND	ND	ND	3.5	ND	1.3	4.8
	1 – 1.5	11/7/2006	ND	ND	ND	ND	ND	0.94	ND	0.32	1.3
	1.5 -2.0	11/7/2006	ND	ND	ND	ND	ND	0.38	ND	0.16	0.54
	2.0 – 2.5	11/7/2006	ND	ND	ND	ND	ND	0.20	ND	0.10	0.30
	2.5 – 3.0	11/7/2006	ND	ND	ND	ND	ND	0.57	ND	0.092	0.66
LM-SO233	0 – 0.5	11/7/2006	ND	ND	ND	ND	ND	2.9	ND	3.2	6.1
	0.5 – 1	11/7/2006	ND	ND	ND	ND	ND	7.7	ND	9.3	17.0
	1 – 1.5	11/7/2006	ND	ND	ND	ND	ND	2.3	ND	0.79	3.1
	1.5 -2.0	11/7/2006	ND	ND	ND	ND	ND	0.13	ND	0.21	0.34
	2.0 – 2.5	11/7/2006	ND	ND	ND	ND	ND	0.17	ND	0.43	0.60
	2.5 – 3.0	11/7/2006	ND	ND	ND	ND	ND	0.044	ND	0.021	0.021
LM-SO234	0 – 0.5	11/7/2006	ND	ND	ND	ND	ND	2.1	ND	1.8	3.9
	0.5 – 1	11/7/2006	ND	ND	ND	ND	17.0	ND	ND	5.2	22.2
	1 – 1.5	11/7/2006	ND	ND	ND	ND	ND	3.9	ND	1.5	5.4
	1.5 -2.0	11/7/2006	ND	ND	ND	ND	ND	0.81	ND	0.40	1.2
	2.0 – 2.5	11/7/2006	ND	ND	ND	ND	ND	ND	ND	0.015	0.015
	2.5 – 3.0	11/7/2006	ND	ND	ND	ND	ND	ND	ND	0.048	0.048

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

Sample ID	Depth (Feet)	Date Collected	Aroclor 1016 (mg/kg)	Aroclor 1221 (mg/kg)	Aroclor 1232 (mg/kg)	Aroclor 1242 (mg/kg)	Aroclor 1248 (mg/kg)	Aroclor 1254 (mg/kg)	Aroclor 1260 (mg/kg)	Aroclor 1268 (mg/kg)	Total PCBs (mg/kg)
LM-SO235	0 - 0.5	11/7/2006	ND	ND	ND	ND	ND	1.6	ND	2.1	3.7
	0.5 - 1	11/7/2006	ND	ND	ND	ND	ND	3.9	ND	1.6	5.5
	1 - 1.5	11/7/2006	ND	ND	ND	ND	ND	7.6	ND	2.6	10.2
	1.5 - 2.0	11/7/2006	ND	ND	ND	ND	ND	3.8	ND	1.4	5.2
	2.0 - 2.5	11/7/2006	ND	ND	ND	ND	ND	0.53	ND	0.36	0.89
	2.5 - 3.0	11/7/2006	ND	ND	ND	ND	ND	0.10	ND	0.20	0.30
LM-SO236	0 - 0.5	11/7/2006	ND	ND	ND	ND	ND	1.8	ND	0.98	2.8
	0.5 - 1	11/7/2006	ND	ND	ND	ND	ND	1.2	ND	0.83	2.0
	1 - 1.5	11/7/2006	ND	ND	ND	ND	ND	ND	ND	0.049	0.049
LM-SO237	0 - 0.5	11/7/2006	ND	ND	ND	ND	ND	3.2	ND	1.2	4.4
	0.5 - 1	11/7/2006	ND	ND	ND	ND	ND	0.19	ND	0.072	0.26
LM-SO238	0 - 0.5	11/7/2006	ND	ND	ND	ND	1.2	ND	ND	0.34	1.5
	0.5 - 1	11/7/2006	ND	ND	ND	ND	ND	1.8	ND	0.52	2.3
	1 - 1.5	11/7/2006	ND	ND	ND	ND	ND	ND	ND	0.008	0.008
LM-SO239	0 - 0.5	11/7/2006	ND	ND	ND	ND	ND	1.4	ND	0.44	1.8
	0.5 - 1	11/7/2006	ND	ND	ND	ND	ND	2.1	ND	0.50	2.6
	1 - 1.5	11/7/2006	ND	ND	ND	ND	ND	ND	ND	0.006	0.006
LM-SO240	0 - 0.5	11/7/2006	ND	ND	ND	ND	ND	4.6	ND	1.8	6.4
	0.5 - 1	11/7/2006	ND	ND	ND	ND	39.0	ND	ND	4.5	43.5
	1 - 1.5	11/7/2006	ND	ND	ND	ND	52.0	ND	ND	5.2	57.2
	1.5 - 2.0	11/7/2006	ND	ND	ND	ND	ND	17.0	ND	3.5	20.5
	2.0 - 2.5	11/7/2006	ND	ND	ND	ND	ND	13.0	ND	5.6	18.6
	2.5 - 3.0	11/7/2006	ND	ND	ND	ND	ND	11.0	ND	2.6	13.6
LM-SO241	0 - 0.5	11/7/2006	ND	ND	ND	ND	ND	0.60	ND	1.0	1.6
	0.5 - 1	11/7/2006	ND	ND	ND	ND	ND	2.6	ND	3.2	5.8
	1 - 1.5	11/7/2006	ND	ND	ND	ND	ND	0.73	ND	0.76	1.5
	1.5 - 2.0	11/7/2006	ND	ND	ND	ND	7.4	ND	ND	1.1	8.5
	2.0 - 2.5	11/7/2006	ND	ND	ND	ND	6.8	ND	ND	0.90	7.7
	2.5 - 3.0	11/7/2006	ND	ND	ND	ND	10.0	ND	ND	1.0	11.0
LM-SO242	0 - 0.5	11/7/2006	ND	ND	ND	ND	ND	0.067	ND	0.058	0.13
	0.5 - 1	11/7/2006	ND	ND	ND	ND	0.29	ND	ND	0.15	0.44

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

Sample ID	Depth (Feet)	Date Collected	Aroclor 1016 (mg/kg)	Aroclor 1221 (mg/kg)	Aroclor 1232 (mg/kg)	Aroclor 1242 (mg/kg)	Aroclor 1248 (mg/kg)	Aroclor 1254 (mg/kg)	Aroclor 1260 (mg/kg)	Aroclor 1268 (mg/kg)	Total PCBs (mg/kg)
LM-SD23	0 - 0.33	11/6/2006	ND	ND	ND	ND	ND	1.4	ND	1.9	3.3
LM-SD24	0 - 0.5	11/6/2006	ND	ND	ND	ND	ND	0.25	ND	0.56	0.81
LM-SD25	0 - 0.5	11/6/2006	ND	ND	ND	ND	ND	0.074	ND	0.16	0.23
LM-SD26	0 - 0.5	11/7/2006	ND	ND	ND	ND	3.1	ND	ND	0.67	3.8
LM-SD27	0 - 0.5	11/7/2006	ND	ND	ND	ND	0.66	ND	ND	0.094	0.75
	0.5 - 1	11/7/2006	ND	ND	ND	ND	ND	8.7	ND	4.1	12.8
	1 - 1.5	11/7/2006	ND	ND	ND	ND	ND	ND	ND	0.18	0.18
LM-SD28	0 - 0.5	11/7/2006	ND	ND	ND	ND	2.8	ND	ND	2.4	5.2
	0.5 - 1	11/7/2006	ND	ND	ND	ND	9.1	ND	ND	9.1	18.2
	1 - 1.5	11/7/2006	ND	ND	ND	ND	ND	12.0	ND	2.3	14.3
	1.5 - 2.0	11/7/2006	ND	ND	ND	ND	ND	1.5	ND	0.30	1.8
	2.0 - 2.5	11/7/2006	ND	ND	ND	ND	ND	0.60	ND	0.39	0.99
	2.5 - 3.0	11/7/2006	ND	ND	ND	ND	ND	ND	ND	ND	ND
LM-SD29	0 - 0.5	11/7/2006	ND	ND	ND	ND	ND	1.8	ND	9.6	11.4
	0.5 - 1	11/7/2006	ND	ND	ND	ND	ND	1.4	ND	2.0	3.4
	1 - 1.5	11/7/2006	ND	ND	ND	ND	ND	2.1	ND	0.58	2.7
	1.5 - 2.0	11/7/2006	ND	ND	ND	ND	ND	4.2	ND	1.3	5.5
	2.0 - 2.5	11/7/2006	ND	ND	ND	ND	ND	0.053	ND	0.020	0.073
	2.5 - 3.0	11/7/2006	ND	ND	ND	ND	ND	ND	ND	ND	ND

The map displays a residential subdivision with the following features:

- Streets:** ARCHWOOD AVE. (top), HOBART AVE. (middle), WILDON AVE. (bottom), and HALEY'S DITCH (right).
- Proposed New Fence Alignment:** Indicated by a blue line, it follows the eastern boundary of the northern section of the plat, starting near the intersection of Archwood Ave. and Hobart Ave. and extending south along the eastern edge of the northern block.
- Existing Goodyear Fence:** Indicated by a black line, it follows the western boundary of the northern section of the plat, starting near the intersection of Archwood Ave. and Hobart Ave. and extending south along the western edge of the northern block.
- Property Owners and Lots:**
 - Northwest Section (Lots 64-68):** MARKO STEVE & BURDETTE, JAMES R. & MARROUETTE, JAMES R. & MARROUETTE, JAMES R. & MARROUETTE, JAMES R. & MARROUETTE.
 - West Section (Lots 70-74):** GOODYEAR TIRE & RUBBER COMPANY.
 - Central Section (Lots 145-156):** Various owners including TALBOT, DAVID & CHRISTINE, and BLENNETT HARVEY.
 - East Section (Lots 157-166):** Various owners including GIBSON RITA, GIBSON RITA, and GIBSON RITA.
- Utilities:** STORM SEWER PIPE, HEADWALL, and various utility lines are shown throughout the plat.
- Other Features:** A "VAIATED" area is noted near the center, and a "PROPOSED NEW FENCE ALIGNMENT" label points to the blue line.

Fact Sheet

Airdock - Haley's Ditch Voluntary Site Monitoring

January 2007

Background

The Airdock was built by Goodyear-Zeppelin Corporation in 1929 as a facility for constructing rigid airships. It was acquired by Lockheed Martin Corporation in 1997, upon the merger of Loral Corporation into Lockheed Martin. Loral had purchased assets of Goodyear Aerospace Corporation – including the Airdock – in 1987. Ownership of the Airdock transferred to Summit County Development Authority in 2006, with Lockheed Martin as the sole user of the structure. Lockheed Martin employs approximately 500 people in Akron and is engaged in the research, design, development, manufacture and integration of advanced technology systems, products and services.

The Airdock and other buildings that comprise Lockheed Martin's Akron, Ohio, facility are located at 1210 Massillon Road and accessed from U.S. Route 224. The Airdock was constructed using material coated with a fire retardant substance, which is now known to have contained polychlorinated biphenyls (PCBs); specifically, a compound known as Aroclor 1268. PCBs are chemical compounds that were used historically in manufacturing many consumer and industrial products because of their resistance to fire and their insulating capacity. PCBs are no longer produced in the United States, but are still found in the environment because of their widespread use.

Haley's Ditch begins several hundred feet north of the Airdock. Between the Airdock and Haley's Ditch are Akron Municipal Airport and Triplett Boulevard. Haley's Ditch extends through properties owned by, in order, Lockheed Martin, the City of Akron, The Goodyear Tire & Rubber Company (Goodyear), and then properties owned by various individuals and entities until it reaches the Little Cuyahoga River. Lockheed Martin has been voluntarily conducting environmental sampling of Haley's Ditch to address environmental issues that have arisen in association with maintaining national defense operations at the Airdock.

Field Work and Sampling Results

Due to over 75 years of weathering, some of the Airdock's siding material eroded and fell onto the ground. Lockheed Martin has replaced or covered most of the Airdock's siding, removed siding debris from the ground surrounding the Airdock, and cleaned the Airdock's rain gutters and the storm runoff catch basins in order to control the potential discharge of PCBs from the site.

PCBs have been detected in sediment and soils in a fence-enclosed property owned by Lockheed Martin at the south end (beginning) of Haley's Ditch and in a nearby, downstream, fenced property owned by Goodyear. Lockheed Martin is working with the United States Environment Protection Agency (EPA) and the City of Akron to address this issue. Lockheed Martin has conducted sampling at Haley's Ditch to determine if PCBs are present and if any clean-up is necessary. Samples collected within Haley's Ditch downstream (north) of Seiberling Street did not show significant traces of PCBs, so no further sampling is planned north of that point. However, PCBs have been detected in and around Haley's Ditch north of the Goodyear property and south of Archwood Avenue. Some of the samples contained PCBs at concentrations above EPA's default standard for unrestricted use.

Next Steps

Because PCBs detected in recent sampling within the area of Haley's Ditch south of Archwood Avenue and west of Sieberling Street show results similar to the fenced areas upstream, a temporary fence will be installed that extends restricted access to this area. Because drinking water is supplied by the City of Akron, exposure to PCBs from potable drinking water is not a concern. Lockheed Martin will be working with the property owners in this area to install the fence, and with U.S. EPA and Ohio EPA to develop and implement an appropriate plan to address the PCBs.

Contacts

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