



November 25, 2008

Mr. Philip P. Rhodes, P.E.  
Division of Surface Water  
Ohio Environmental Protection Agency  
Northeast District Office  
2110 East Aurora Road  
Twinsburg, Ohio 44087

**Re: Individual Stormwater Permit Application  
Akron Airdock, Akron, Ohio**

Dear Mr. Rhodes:

On behalf of Lockheed Martin Corporation (Lockheed Martin), URS is submitting the enclosed Individual National Pollutant Discharge Elimination System (NPDES) Permit Application for coverage of stormwater leaving the Akron Airdock facility. In accordance with your letter dated September 4, 2008, the application consists of General Form 1, 2F, and Antidegradation Addendum. A check payable to Treasurer, State of Ohio, is included in the amount of \$200 to cover the permit application fee. Stormwater sampling to support the application will be conducted under the *Stormwater Sampling and Analysis Plan- Revision 1* (SAP), a copy of which was delivered to Ohio Environmental Protection Agency (Ohio EPA) on November 19, 2008.

Sincerely,

**URS Corporation**

A handwritten signature in blue ink that reads "Jennifer J. Krueger".

Jennifer J. Krueger, P.G., C.P.  
Project Manager

Enclosures  
14947614

Copy: David Gunnarson, Lockheed Martin  
Steve Vardavas, Lockheed Martin


URS Corporation  
36 East 7<sup>th</sup> Street, Suite 2300  
Cincinnati, OH 45202  
Tel: 513.651.3440  
Fax: 513.651.3452  
[www.urscorp.com](http://www.urscorp.com)

**GENERAL FORM 1**

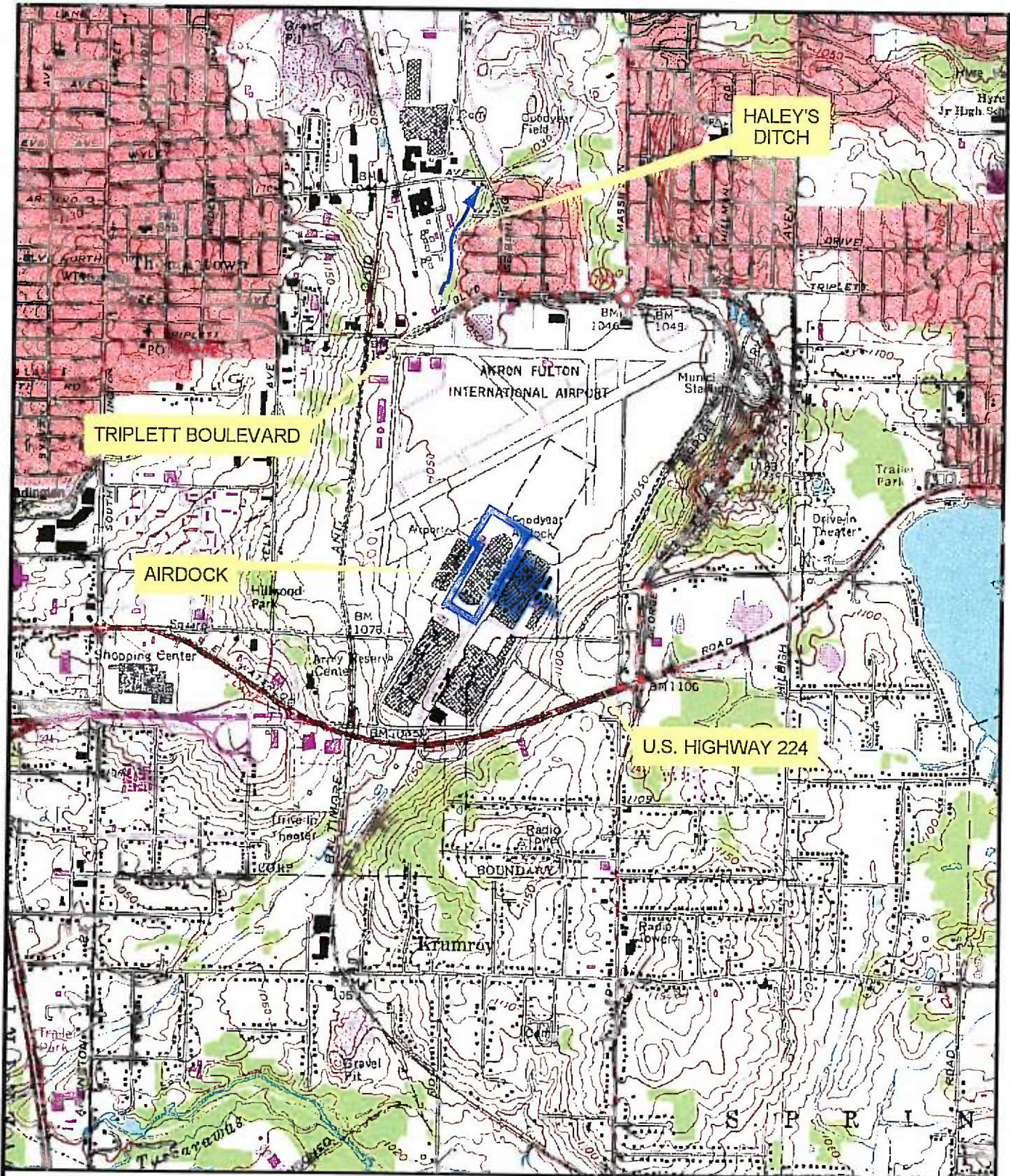
Please type. Do not complete by hand.

FORM 1 GENERAL		EPA GENERAL INFORMATION <i>Consolidated Permits Program (Read the "General Instructions" before starting)</i>			I. EPA I.D. NUMBER						
<b>LABEL ITEMS</b> I. EPA I.D. NUMBER III. FACILITY NAME V. FACILITY MAILING ADDRESS VI. FACILITY LOCATION		Ohio EPA does not provide labels. Enter this information in items I, III, V and VI.			If a preprinted label has been provided, affix it in the designated space. Review the information carefully; if any of it is incorrect, cross through it and enter the correct data in the appropriate fill-in below. Also, if any of the preprinted data is absent (the area to the left of the label space lists the information that should appear), please provide it in the proper fill-in area(s) below. If the label is complete and correct, you need not complete items I, III, V, and VI (except VI-B which must be completed regardless). Complete all items if no label has been provided. Refer to the instructions for detailed item descriptions and for the legal authorizations under which this data is collected.						
<b>II. POLLUTANT CHARACTERISTICS</b>											
INSTRUCTIONS: Complete A through G to determine whether you need to submit any permit application forms to the EPA. If you answer "yes" to any questions, you must submit this form and the supplemental form listed in the parenthesis following the question. Mark "X" in the box in the third column if the supplemental form is attached. If you answer "no" to each question, you need not submit any of these forms. You may answer "no" if your activity is excluded from permit requirements; see Section C of the instructions. See also, Section D of the instructions for definitions of <b>bold-faced terms</b> .											
<b>SPECIFIC QUESTIONS</b> A. Is this facility a <b>publicly owned treatment works</b> which results in a <b>discharge</b> to waters of the U.S.? (FORM 2A)				<b>MARK 'X'</b> YES NO FORM ATTACHED		<b>SPECIFIC QUESTIONS</b> B. Does or will this facility (either existing or proposed) include a <b>concentrated animal feeding operation</b> or <b>aquatic animal production facility</b> which results in a discharge to waters of the U.S.? (FORM 2B)				<b>MARK 'X'</b> YES NO FORM ATTACHED	
C. Is this a facility which currently results in <b>discharges</b> to waters of the U.S. other than those described in A or B above? (FORM 2C)				<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> FORM ATTACHED		D. Is this a proposed facility (other than those described in A or B above) which will result in a <b>discharge</b> to waters of the U.S.? (FORM 2D)				<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> FORM ATTACHED	
E. Is this a facility which does not discharge process wastewater? (FORM 2E)				<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> FORM ATTACHED		F. Is this a facility which discharges stormwater associated with industrial activity? (FORM 2F)				<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> FORM ATTACHED	
G. Do you generate <b>sewage sludge</b> that is ultimately regulated by Part 503? Do you generate <b>sewage sludge</b> that is sent to another facility for treatment or blending? Do you process or derive material from <b>sewage sludge</b> that is disposed in a manner subject to Part 503? (FORM 2S)				<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> FORM ATTACHED							
<b>III. NAME OF FACILITY</b>											
Akron Airdock Facility											
<b>IV. FACILITY CONTACT</b>											
A. NAME & TITLE (last, first, title)						B. PHONE (area code, 5 or 6)					
Steve Vardavas, Associate Manager, Environmental Health & Safety						(330) 796 - 2185					
<b>V. FACILITY MAILING ADDRESS</b>											
A. STREET OR P.O. BOX											
1210 Massillion Road											
B. CITY OR TOWN				C. STATE		D. ZIP CODE					
Akron				OH		44315					
<b>VI. FACILITY LOCATION</b>											
A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER											
1210 Massillion Road											
B. COUNTY NAME											
Summit County											
C. CITY OR TOWN				D. STATE		E. ZIP CODE					
Akron				OH		44315					



CONTINUED FROM THE FRONT

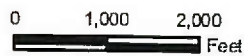
VII. SIC CODES (4-digit, in order of priority)			
A. FIRST (specify) 3721		B. SECOND (specify) 3728	
C. THIRD (specify)		D. FOURTH (specify)	
VIII. OPERATOR INFORMATION			
A. NAME Lockheed Martin Corporation MS2			B. Is the name listed in Item VIII-A also the owner? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
C. STATUS OF OPERATOR (Enter the appropriate letter into the answer box, if "Other" specify.) F = FEDERAL M = PUBLIC (other than federal or state) S = STATE O = OTHER (specify) P = PRIVATE			D. PHONE (area code & no.) (330) 796 - 2185
E. STREET OR P.O. BOX 1210 Massillon Road			
F. CITY OR TOWN Akron	G. STATE OH	H. ZIP CODE 44315	IX. INDIAN LAND Is this facility located on Indian lands? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
X. EXISTING ENVIRONMENTAL PERMITS			
A. NPDES (Discharges to surface water)	D. PSD (Air emissions from proposed sources)		
B. UIC (Underground injection of fluids)	E. OTHER (specify) 3GR00733*DG (specify) NPDES General Permit for Valley Association Corp.		
C. RCRA (Hazardous waste)	F. OTHER (specify) (specify) which includes Airdock facility property		
XI. MAP Attach to this application a topographical map of the area extending to at least one mile beyond property boundaries. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all springs, rivers, and other surface water bodies in the map area. See instructions for precise requirements.			
XII. NATURE OF BUSINESS (provide a brief description) The facility is not currently in operation. Normal business operations primarily involve the manufacturing and maintenance of airships.			
XIII. CERTIFICATION (see instructions) I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.			
A. NAME & OFFICIAL TITLE (type or print) Rocco J. Maffei, General Counsel	B. SIGNATURE 		C. DATE SIGNED 11/20/08
COMMENTS FOR OFFICIAL USE ONLY			





**LEGEND**

-  Haley's Ditch
-  Approximate Airdock Boundary



**AKRON AIRDOCK FACILITY  
AKRON, OHIO**

**FIGURE 1  
SITE VICINITY MAP**



SOURCES: MODIFIED FROM SUMMIT COUNTY GIS, 2004,  
AND TETRA TECH, 2007  
BASE MAP SOURCE: USGS TOPOGRAPHIC QUADRANGLE  
AKRON EAST (1985)

FORM 2F



Please print or type in the unshaded areas only

FORM  
**2F**  
NPDES



U.S. Environmental Protection Agency  
Washington, DC 20460

## Application for Permit to Discharge Storm Water Discharges Associated with Industrial Activity

### Paperwork Reduction Act Notice

Public reporting burden for this application is estimated to average 28.6 hours per application, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate, any other aspect of this collection of information, or suggestions for improving this form, including suggestions which may increase or reduce this burden to: Chief, Information Policy Branch, PM-223, U.S. Environmental Protection Agency, 1200 Pennsylvania Avenue, NW, Washington, DC 20460, or Director, Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, DC 20503.

### I. Outfall Location

For each outfall, list the latitude and longitude of its location to the nearest 15 seconds and the name of the receiving water.

A. Outfall Number (list)	B. Latitude			C. Longitude			D. Receiving Water (name)
	°	'	"	°	'	"	
Internal PAE-5	41	01	57	-81	28	09	Storm Sewer to Haley's Ditch
Internal PAW-7	41	02	03	-81	28	12	Storm Sewer to Haley's Ditch
Temporary 001	41	02	12	-81	28	23	Haley's Ditch, Commingled with Other Stormwaters

### II. Improvements

A. Are you now required by any Federal, State, or local authority to meet any implementation schedule for the construction, upgrading or operation of wastewater treatment equipment or practices or any other environmental programs which may affect the discharges described in this application? This includes, but is not limited to, permit conditions, administrative or enforcement orders, enforcement compliance schedule letters, stipulations, court orders, and grant or loan conditions.

1. Identification of Conditions, Agreements, Etc.	2. Affected Outfalls		3. Brief Description of Project	4. Final Compliance Date	
	number	source of discharge		a. req.	b. proj.
N/A - See Attachment IIB					

B: You may attach additional sheets describing any additional water pollution (or other environmental projects which may affect your discharges) you now have under way or which you plan. Indicate whether each program is now under way or planned, and indicate your actual or planned schedules for construction. **See Attached**

### III. Site Drainage Map

Attach a site map showing topography (or indicating the outline of drainage areas served by the outfalls(s) covered in the application if a topographic map is unavailable) depicting the facility including: each of its intake and discharge structures; the drainage area of each storm water outfall; paved areas and buildings within the drainage area of each storm water outfall, each known past or present areas used for outdoor storage or disposal of significant materials, each existing structural control measure to reduce pollutants in storm water runoff, materials loading and access areas, areas where pesticides, herbicides, soil conditioners and fertilizers are applied; each of its hazardous waste treatment, storage or disposal units (including each area not required to have a RCRA permit which is used for accumulating hazardous waste under 40 CFR 262.34); each well where fluids from the facility are injected underground; springs, and other surface water bodies which received storm water discharges from the facility.

Continued from the Front

**IV. Narrative Description of Pollutant Sources**

A. For each outfall, provide an estimate of the area (include units) of impervious surfaces (including paved areas and building roofs) drained to the outfall, and an estimate of the total surface area drained by the outfall.

Outfall Number	Area of Impervious Surface (provide units)	Total Area Drained (provide units)	Outfall Number	Area of Impervious Surface (provide units)	Total Area Drained (provide units)
PAE-5	8.7 acres	9.8 acres	001 Airdock Only Areas	16.9 acres	19.9 acres
PAW-7	6.2 acres	10.2 acres			

B. Provide a narrative description of significant materials that are currently or in the past three years have been treated, stored or disposed in a manner to allow exposure to storm water; method of treatment, storage, or disposal; past and present materials management practices employed to minimize contact by these materials with storm water runoff; materials loading and access areas, and the location, manner, and frequency in which pesticides, herbicides, soil conditioners, and fertilizers are applied.

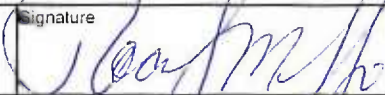
None

C. For each outfall, provide the location and a description of existing structural and nonstructural control measures to reduce pollutants in storm water runoff; and a description of the treatment the storm water receives, including the schedule and type of maintenance for control and treatment measures and the ultimate disposal of any solid or fluid wastes other than by discharge.

Outfall Number	Treatment	List Codes from Table 2F-1
	None	

**V. Nonstormwater Discharges**

A. I certify under penalty of law that the outfall(s) covered by this application have been tested or evaluated for the presence of nonstormwater discharges, and that all nonstormwater discharged from these outfall(s) are identified in either an accompanying Form 2C or Form 2E application for the outfall.

Name and Official Title (type or print)	Signature	Date Signed
Rocco J. Maffei, General Counsel		11/20/08

B. Provide a description of the method used, the date of any testing, and the onsite drainage points that were directly observed during a test.

On April 5, 2001, Outfall 601 was visually inspected for non-storm water discharges.

**VI. Significant Leaks or Spills**

Provide existing information regarding the history of significant leaks or spills of toxic or hazardous pollutants at the facility in the last three years, including the approximate date and location of the spill or leak, and the type and amount of material released.

None

Continued from Page 2

**VII. Discharge Information**

A, B, C, &amp; D: See instructions before proceeding. Complete one set of tables for each outfall. Annotate the outfall number in the space provided.

Table VII-A, VII-B, VII-C are included on separate sheets numbers VII-1 and VII-2. Sampling to be conducted per Nov. 2008 SA.

E. Potential discharges not covered by analysis – is any toxic pollutant listed in table 2F-2, 2F-3, or 2F-4, a substance or a component of a substance which you currently use or manufacture as an intermediate or final product or byproduct?

 Yes (list all such pollutants below) No (go to Section IX)

Baseline sampling to be conducted in accordance with the November 2008 Sampling and Analysis Plan.

PCB Aroclor 1268 was historically used at the site in the form of building materials. Remedial activities have been conducted to control and/or remove the roofing and siding material containing Aroclor 1268 from the site. Stormwater sampling for PCBs will occur during the next year (approximately) in accordance with the November 17, 2008 Sampling and Analysis Plan.

**VIII. Biological Toxicity Testing Data**

Do you have any knowledge or reason to believe that any biological test for acute or chronic toxicity has been made on any of your discharges or on a receiving water in relation to your discharge within the last 3 years?

 Yes (list all such pollutants below) No (go to Section IX)**IX. Contract Analysis Information**

Were any of the analyses reported in Item VII performed by a contract laboratory or consulting firm?

 Yes (list the name, address, and telephone number of, and pollutants analyzed by, each such laboratory or firm below) No (go to Section X)

A. Name	B. Address	C. Area Code & Phone No.	D. Pollutants Analyzed
Not applicable at this time. Baseline Sampling to be conducted as described in VII-E. Testing to be performed by: TestAmerica, Inc. North Canton	4101 Shuffle Drive NW North Canton, OH 44720	330-497-9396	PCBs including Aroclor 1268 Total Suspended Solids

**X. Certification**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

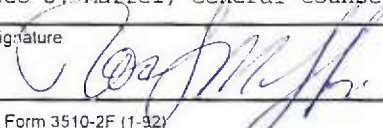
A. Name &amp; Official Title (Type Or Print)

Rocco J. Maffei, General Counsel

B. Area Code and Phone No.

(330) 796-1755

C. Signature



D. Date Signed

11/20/2008







**ATTACHMENT II B**  
**TO FORM 2F**

The Airdock was constructed in 1929 using material coated with a fire-retardant substance now known to have contained PCBs, specifically Aroclor 1268. This unusual non-liquid PCB, Aroclor 1268, was discovered in the Airdock's original roof and siding in 2003. Since the initial PCB discovery and continuing to the present, Lockheed Martin has successfully implemented a multi-phased voluntary remediation program to manage the PCB-containing roofing and siding material. These remedial activities are being conducted under two regulatory programs: the federal Toxic Substances Control Act (TSCA) pursuant to 40 Code of Federal Regulations §761.61, and the Ohio EPA Voluntary Action Program (VAP) at Ohio Administrative Code (OAC) 3745-300. In conjunction with the appropriate regulatory notification and approval process, the overall remedial approach has centered on: (1) source control to prevent releases of Aroclor 1268 from the roof and siding material and to prevent further movement of PCBs on the grounds, and (2) cleanup of Aroclor 1268 from the stormwater conveyance and discharge systems (primarily through the removal of sediment and debris in the storm sewer system).

Samples of various media at and proximate to the Airdock indicated that weathering over the 75-year life of the building resulted in erosion of some of the siding material, with deposition on the surrounding grounds. Runoff apparently washed some of the material into the storm drainage system, and deposited it in soil and sediment in an area north of Triplett Boulevard known as Haley's Ditch. Although there is no known date for the release and migration of Aroclor 1268 to Haley's Ditch, the most plausible explanation is that it occurred historically, when precipitation was in direct contact with the roof and siding. Facility maintenance records document that almost 13,000 of the original sheet metal roof sections were replaced and the entire structure was coated in asphalt roof coating in 1976<sup>1</sup>. Beginning in 1987, the Airdock's owners have proceeded with execution of plans to prevent contact between precipitation and the original siding. That effort has been virtually completed, with a combination of rubber membrane over most the Airdock exterior, and replacement or covering of some of the original siding with aluminum siding. Beginning in 2003, interim measures to prevent further release and migration of the non-liquid Aroclor 1268 to the environment have been effected by removing debris from the gutters and catch basins, vacuuming the paved surfaces surrounding the Airdock, and installing filter fabric in the storm drainage system. These interim measures were taken while the necessary approvals were obtained under TSCA to clean up the interior and exterior under §761.61 (c).

Lockheed Martin has completed a number of source control and remedial actions at the Airdock and provided U.S. EPA and Ohio EPA with reports and updates of these source management efforts. These activities have included:

- Installing a rubber membrane over the roof of the Airdock structure;
- Replacing rain gutters to control storm flow from the roof of the Airdock;
- Installing and maintaining filter fabric over all storm drain surface openings around the Airdock to capture solid particles until all Airdock remediation is complete;
- Replacing the vertical RPM siding with aluminum siding;
- Remediating the interior of the Airdock;
- Cleaning the contents and floor of the Airdock;
- Removing PCB-containing soil located adjacent to the Airdock;
- Removing debris from the pavement around the Airdock to remove residual RPM; and,
- Removing debris from the storm sewer system from the facility to Triplett Boulevard to remove residual RPM.

Together these remedial activities are expected to mitigate the future release of PCBs from the Airdock facility to the stormwater system and Haley's Ditch.

In accordance with the overall exterior remediation strategy, a post-remediation stormwater sampling program will be implemented to provide data to support the various programmatic requirements of VAP, TSCA, and Ohio EPA Division of Surface Water. Implementation of the stormwater sampling program is the subject of the November 2008 Sampling and Analysis Plan.

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<sup>1</sup> Haley's Ditch Fact Sheet. Prepared by Lockheed Martin Corporation. February 2006.

**ANTIDegradation Addendum**





DIVISION OF SURFACE WATER

Antidegradation Addendum

In accordance with Ohio Administrative Code 3745-1-05 (Antidegradation), additional information may be required to complete your application for a permit to install or NPDES permit. For any application that may result in an increase in the level of pollutants being discharged (NPDES and/or PTI) or for which there might be activity taking place within a stream bed, the processing of the permit(s) may be required to go through procedures as outlined in the antidegradation rule. The rule outlines procedures for public notification and participation as well as procedures pertaining to the levels of review necessary. The levels of review necessary depend on the degradation being considered/requested. The rule also outlines exclusions from portions of the application and review requirements and waivers that the Director may grant as specified in Section 3745-1-05(D) of the rule. Please complete the following questions. The answers provided will allow the Ohio EPA to determine if additional information is needed. All projects that require both an NPDES and PTI should submit both applications simultaneously to avoid going through the antidegradation process separately for each permit.

- A. Applicant: Lockheed Martin Corporation (facility operator)
Facility Owner: Summit County Port Authority
Facility Location (city and county): Akron, Summit County
Application or Plans Prepared By: Lockheed Martin Corporation
Project Name: Akron Airdock Facility
NPDES Permit Number (if applicable): N/A - New Individual Permit Application

B. Antidegradation Applicability

Is the application for? (check as many as apply):

- Application with no direct surface water discharge (Projects that do not meet the applicability section of 3745-1-05(B)1, i.e., on-site disposal, extensions of sanitary sewers, spray irrigation, indirect discharger to POTW, etc.). (Complete Section E)
[X] 1 Renewal NPDES application or PTI application with no requested increase in loading of currently permitted pollutants. (Complete Section E, Do not complete Sections C or D).
PTI and NPDES application for a new wastewater treatment works that will discharge to a surface water. (Complete Sections C and E)
An expansion/modification of an existing wastewater treatment works discharging to a surface water that will result in any of the following (PTI and NPDES): (Complete Sections C and E)
- addition of any pollutant not currently in the discharge, or
- an increase in mass or concentration of any pollutant currently in the discharge, or
- an increase in any current pollutant limitation in terms of mass or concentration.

1) This is a new application; the selection is made per DSW's direction.

- \_\_\_\_\_ PTI that involves placement of fill or installation of any portion of a sewerage system (i.e., sanitary sewers, pump stations, WWTP, etc.) within 150 feet of a stream bed. Please provide information requested on the stream evaluation addendum (i.e., number of stream crossings, fill placement, etc.) and complete Section E.
- \_\_\_\_\_ Initial NPDES permit for an existing treatment works with a wastewater discharge prior to October 1, 1996. (Complete Sections D and E)
- \_\_\_\_\_ Renewal NPDES permit or modification to an effective NPDES permit that will result in any of the following: (Complete Sections C and E)
- ▶ a new permit limitation for a pollutant that previously had no limitation, or
  - ▶ an increase in any mass or concentration limitation of any pollutant that currently has a limitation.

C. Antidegradation Information

1. Does the PTI and/or NPDES permit application meet an exclusion as outlined by OAC 3745-1-05(D)(1) of the Antidegradation rule?

\_\_\_\_\_ Yes (Complete Question C.2)

\_\_\_\_\_ No (Complete Questions C.3 and C.4)

2. For projects that would be eligible for exclusions provide the following information:

a. Provide justification for the exclusion.

b. Identify the substances to be discharged, including the amount of regulated pollutants to be discharged in terms of mass and concentration.

c. A description of any construction work, fill or other structures to occur or be placed in or near a stream bed.

3. Are you requesting a waiver as outlined by OAC 3745-1-05(D)(2-7) of the Antidegradation rule?

\_\_\_\_\_ No

\_\_\_\_\_ Yes

If you wish to pursue one of the waivers, please identify the waiver and submit the necessary information to support the request. Depending on the waiver requested, the information required under question C.4 may be required to complete the application.

4. For all projects that do not qualify for an exclusion a report must accompany this application evaluating the preferred design alternative, non-degradation alternatives, minimal degradation alternatives, and mitigative techniques/measures for the design and operation of the activity. The information outlined below should be addressed in this report. If a waiver is requested, this section is still required.

a. Describe the availability, cost effectiveness and technical feasibility of connecting to existing central or regional sewage collection and treatment facilities, including long range plans for

sewer service outlined in state or local water quality management planning documents and applicable facility planning documents.

- b. List and describe all government and/or privately sponsored conservation projects that may have been or will be specifically targeted to improve water quality or enhance recreational opportunities on the affected water resource.
- c. Provide a brief description below of all treatment/disposal alternatives evaluated for this application and their respective operational and maintenance needs. (If additional space is needed please attach additional sheets to the end of this addendum).

Preferred design alternative:

Non-degradation alternative(s):

Minimal degradation alternative(s):

Mitigative technique/measure(s):

At a minimum, the following information must be included in the report for each alternative evaluated.

- d. Outline of the treatment/disposal system evaluated, including the costs associated with the equipment, installation, and continued operation and maintenance.
- e. Identify the substances to be discharged, including the amount of regulated pollutants to be discharged in terms of mass and concentration.
- f. Describe the reliability of the treatment/disposal system, including but not limited to the possibility of recurring operation and maintenance difficulties that would lead to increased degradation.
- g. Describe any impacts to human health and the overall quality and value of the water resource.
- h. Describe and provide an estimate of the important social and economic benefits to be realized through this proposed project. Include the number and types of jobs created and tax revenues generated.
- i. Describe environmental benefits to be realized through this proposed project.
- j. Describe and provide an estimate of the social and economic benefits that may be lost as a result of this project. Include the impacts on commercial and recreational use of the water resource.

- k. Describe the environmental benefits lost as a result of this project. Include the impact on the aquatic life, wildlife, threatened or endangered species.
- l. A description of any construction work, fill or other structures to occur or be placed in or near a stream bed.
- m. Provide any other information that may be useful in evaluating this application.

D. Discharge Information

- 1. For treatment/disposal systems constructed pursuant to a previously issued Ohio EPA PTI, provide the following information:

PTI Number \_\_\_\_\_  
PTI Issuance Date \_\_\_\_\_  
Initial Date of Discharge \_\_\_\_\_

- 2. Has the appropriate NPDES permit application form been submitted including representative effluent data?

\_\_\_\_\_ Yes (go to E)  
\_\_\_\_\_ No (see below)

If no, submit the information as applicable under a OR b as follows:

- a. For entities discharging process wastewater attach a completed 2C form.
- b. For entities discharging wastewater of domestic origin attach the results of at least one chemical analysis of the wastestream for all pollutants for which authorization to discharge is being requested and a measurement of the daily volume (gallons per day) of wastewaters being discharged.

- E. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information is, to the best of my knowledge and belief, true, accurate and complete.

This section must be signed by the same responsible person who signed the accompanying permit application or certification as per 40 CFR 122.22.

Signature 

Date 11/20/08

**APPLICATION FEE**



FORM 103597-0906  
07000095



No. 4745245

13-39/420

CASHIER'S CHECK

DATE NOVEMBER 26, 2008

PAY TO THE ORDER OF TREASURER, STATE OF OHIO \$ 200.00

TWO HUNDRED AND 00 / 100\*\*\*\*\* DOLLARS

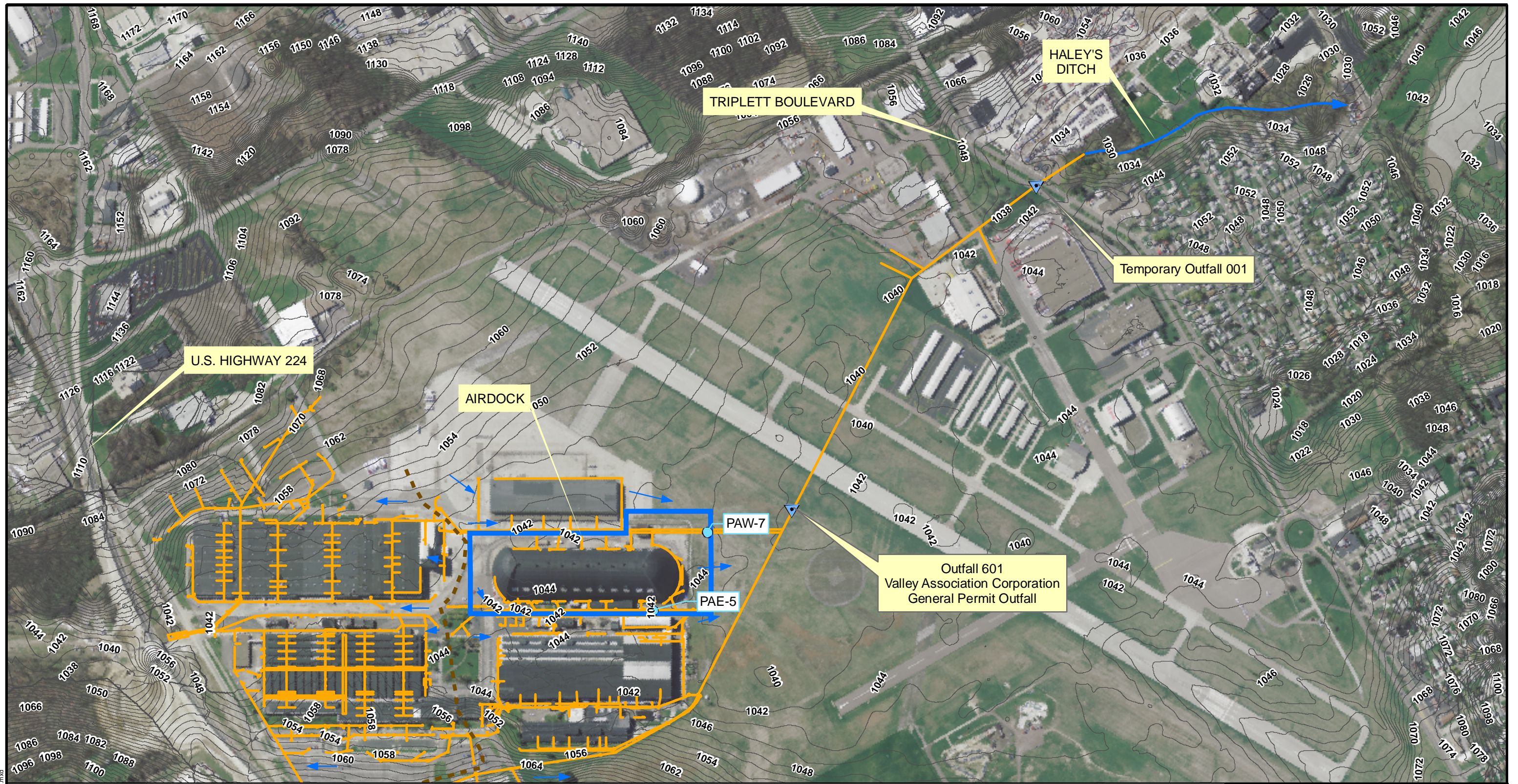
SECURITY FEATURES  
MICR LINE  
CHECKS ON BACK

JENNIFER KRUEGER REF#14947614.01000  
REMITTER








PNC Bank, National Association  
OFFICIAL SIGNATURE MP

⑈04745245⑈ ⑆042000398⑆ 4000020309⑈

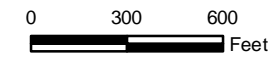
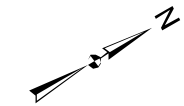




**LEGEND**

-  Outfall Location
-  Voluntary Action Program Stormwater Point of Compliance (POC)
-  Approximate Watershed Boundary
-  Haley's Ditch
-  Approximate Airdock Boundary
-  Storm Sewer
-  Contours 2ft

Note: Other branch lines to sewer system may exist.



SOURCES: MODIFIED FROM SUMMIT COUNTY GIS, 2004, OSIP AERIAL PHOTOGRAPH, 2006, AND TETRA TECH, 2007

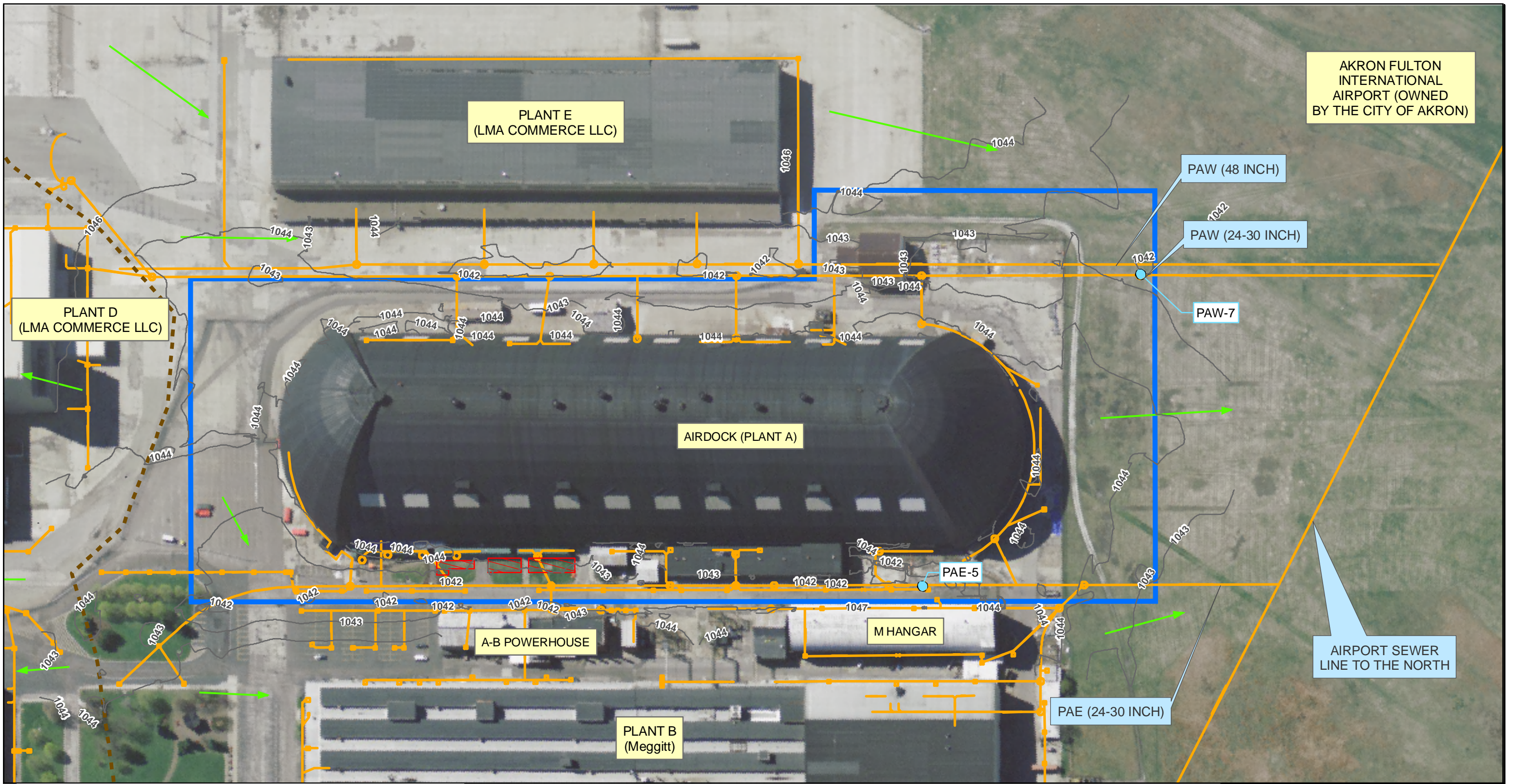
AKRON AIRDOCK FACILITY  
AKRON, OHIO

**FIGURE 2**  
STORM SEWER POINTS OF COMPLIANCE  
AND OUTFALL LOCATIONS



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AKRON FULTON  
INTERNATIONAL  
AIRPORT (OWNED  
BY THE CITY OF AKRON)

PLANT E  
(LMA COMMERCE LLC)

PLANT D  
(LMA COMMERCE LLC)

AIRDOCK (PLANT A)

A-B POWERHOUSE

M HANGAR

PLANT B  
(Meggitt)

PAW (48 INCH)

PAW (24-30 INCH)

PAW-7

PAE-5

PAE (24-30 INCH)

AIRPORT SEWER  
LINE TO THE NORTH

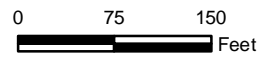
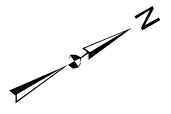
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- LEGEND**
- Proposed Storm Sewer Sampling Location Under Nov. 2008 Sampling and Analysis Plan
  - Contours
  - - - Approximate Watershed Boundary
  - Approximate Airdock Boundary
  - Location of Southeast Soil Remediation Area
  - Storm Sewer
  - WaterFlow
  - Drainage Structure (Catch Basin or Manhole)

PAW = Plant A West Storm Sewer Line

PAE = Plant A East Storm Sewer Line

Note: Other branch lines to sewer system may exist.



SOURCES: MODIFIED FROM SUMMIT COUNTY GIS, 2004, OSIP AERIAL PHOTOGRAPH, 2006, AND TETRA TECH, 2007

AKRON AIRDOCK FACILITY  
AKRON, OHIO

FIGURE 3  
DRAINAGE MAP

