

October 1, 2009

Mr. William J. McGowan, Jr.
President
URS Corporation
1000 Pennsylvania Avenue, N.W.
Washington, D.C. 20004

The Honorable Representative Louie Gohmert
1000 West 12th Street, Suite 200
Wichita, Kansas 67202

Dear Mr. McGowan:

On behalf of URS, we are pleased to provide you with the information requested in your letter of September 22, 2009.

URS is a leading provider of engineering, architecture, and construction services. We are currently providing services to the U.S. Department of Energy (DOE) under a contract with the DOE. The contract is for the design and construction of a new facility for the DOE. The facility is located in the state of Kansas. The contract is for a period of 12 months. The contract value is approximately \$10 million. URS is currently providing services to the DOE under this contract. We are currently providing services to the DOE under this contract. We are currently providing services to the DOE under this contract.

URS is a leading provider of engineering, architecture, and construction services. We are currently providing services to the U.S. Department of Energy (DOE) under a contract with the DOE. The contract is for the design and construction of a new facility for the DOE. The facility is located in the state of Kansas. The contract is for a period of 12 months. The contract value is approximately \$10 million. URS is currently providing services to the DOE under this contract. We are currently providing services to the DOE under this contract. We are currently providing services to the DOE under this contract.

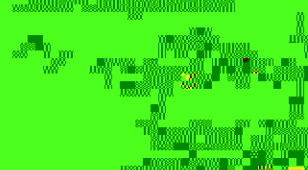
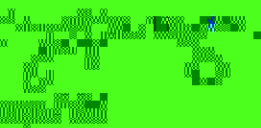
URS is a leading provider of engineering, architecture, and construction services. We are currently providing services to the U.S. Department of Energy (DOE) under a contract with the DOE. The contract is for the design and construction of a new facility for the DOE. The facility is located in the state of Kansas. The contract is for a period of 12 months. The contract value is approximately \$10 million. URS is currently providing services to the DOE under this contract. We are currently providing services to the DOE under this contract. We are currently providing services to the DOE under this contract.

URS is a leading provider of engineering, architecture, and construction services. We are currently providing services to the U.S. Department of Energy (DOE) under a contract with the DOE. The contract is for the design and construction of a new facility for the DOE. The facility is located in the state of Kansas. The contract is for a period of 12 months. The contract value is approximately \$10 million. URS is currently providing services to the DOE under this contract. We are currently providing services to the DOE under this contract. We are currently providing services to the DOE under this contract.

URS Corporation
1000 Pennsylvania Avenue, N.W.
Washington, D.C. 20004
Phone: (202) 775-1000
Fax: (202) 775-1001
www.urscorp.com



IPS



IPS

IPS


IPS

IPS

IPS

IPS





STORMWATER SAMPLING
AND ANALYSIS PLAN

AKRON AIRDOCK, AKRON, OHIO

Prepared for:

LOCKHEED MARTIN CORPORATION
OCTOBER 1, 2008

JOB NO: 14947614

STORMWATER SAMPLING AND ANALYSIS PLAN

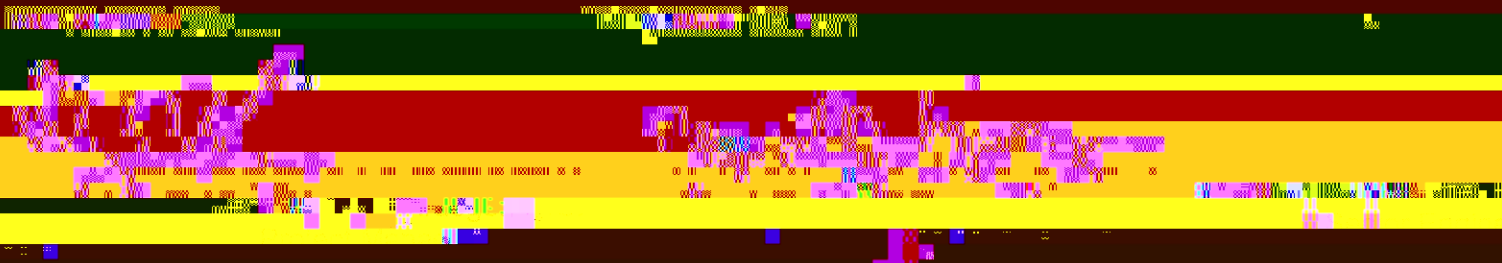
Airlock Facility
1210 Madison Road
Akron, OH 44315

1210 Madison Road
Akron, Ohio 44315

1040 Madison Road
Akron, Ohio 44315

DESENER

1040 Madison Road
Akron, OH 44315
Phone: 513.651.1111



CONTENTS

Section	Page
1.0 INTRODUCTION.....	1
2.0 BACKGROUND.....	1
3.0 OBJECTIVE	2
4.0 SAMPLING LOCATIONS.....	2
4.1 WESTERN SAMPLING (PA	

1.0 INTRODUCTION

This Stormwater Sampling and Analysis Plan (SAP) has been prepared to address proposed post-

Following completion of the storm sewer debris and sediment removal program, a post-remediation stormwater sampling program will be implemented. Implementation of the stormwater program is the subject of this SAP.

3.0 OBJECTIVE

The objective of this sampling program is to collect aqueous post-remediation sampling data that are representative of stormwater discharges from the 19-acre Airdock parcel, as required to meet VAP applicable standards and to satisfy requests from the Ohio EPA Division of Surface Water (DSW). The sampling data will be used to evaluate the effectiveness of the remediation activities relative to the current Lake Erie drainage basin surface water quality criterion for PCBs of 0.026 nanograms per liter (ng/L) for protection of human health and 0.12 ng/L for protection of wildlife. The sampling data will also be evaluated relative to the unrestricted use TSCA decontamination standard for PCBs in water of 0.5 micrograms per liter [$\mu\text{g/L}$] (40 CFR 761.79(b)(1)(iii)).

4.0 SAMPLING LOCATIONS

Sampling is proposed from five locations, one from the western storm sewer and four from the eastern storm sewers, as described below.

A m-337.0(s)-252.3(dp(,)-337.0(o4 Tm (I)Tj E1.9(0)JTJ ET).9(i)-4.6(c)-1.6(t)-4.6(ons)-2.4(,)-337.0(t)-

Stormwater Sampling and Analysis Plan

5.0 SAMPLE COLLECTION

the first 30 minutes to 1 hour of stormwater discharge.

6.2 MEASUREMENT OF FIELD PARAMETERS

9.0 EVALUATION OF RESULTS

Following receipt of the laboratory reports the data will go through a validation process to ensure that the reported results are of sufficient quality for the intended data use. Estimated concentrations reported by the lab that are below the VAP reporting limit of 0.2 µg/L, i.e. “J” flagged data, will be considered to be non-detectable.

After the validated results are available from the four discrete sampling events, the data will be reviewed and evaluated relative to sampling conditions and applicable standards. The evaluation will consider such factors as the:

Consistency or variability of the analytical results over the sampling events, if applicable;

Sp12 i..0(0ceBT 0 1 501.6354.08 0 F5 11. i)-4.6(..0(0.8(e)-)-4.630 1 4 0 0 1 332.28).6(s)-2.3(c-1.12

FIGURES

APPENDIX A

STORMWATER SAMPLING FORM

Stormwater Sampling Field Form

Project: Akron Airdock	Project Number:
Client: Lockheed Martin	Location: 1210 Massillon Road, Akron, Ohio
Sample ID: _____ Sample Location _____ : _____ : Sample Medium: <u>Stormwater</u>	Personnel: _____/ _____ Sample Date: ____/____/____. Sample Collection Time (ST): _____

Storm Event and Sampling Point Information

Storm Event Start Time (ST):	Precipitation at ST: _____ inches/ source of data
Weather Conditions at ST:	Ambient Temperature at ST: _____ °F / source of data
Storm Event Duration:	Total Precipitation for Event (include source of data):
Estimated Sampling Point Discharge Rate: _____ cfs or gpm (circle one)	
Notes regarding flow character (turbulent, laminar, etc.):	

Water Quality Information

Instrument:	pH:	Color:	
Temperature(°F):	Oxidation-Reduction Potential (ORP) (mV):	Odor:	
Specific Conductance (mS/cm):	Total Dissolved Solids (mg/L):	Other:	

Sampling Information

Collection Method (describe):				
Sample Container	Preservative	Analysis Required	Method Number	Laboratory
250 ml Plastic	Chilled to 6°C	Total Suspended Solids	EPA160.2	TestAmerica



OBJECTIVE

The objective of these calculations is to provide an estimated full pipe flow value at manhole PAW-7 at the Akron Airdock site. This full flow value will be used by sampling personnel to estimate partial stormwater flow in the pipe at the PAW-7 test point using the attached worksheet.

METHODOLOGY

The calculation is performed by utilizing Manning's semi-



$$D \quad 30 \text{ inches} \quad 2.5 \text{ ft}$$

$$A \quad \frac{D^2}{4} \quad \frac{(2.5)^2}{4} \quad 4.904 \text{ ft}^2$$

$$R_h \quad \frac{r^2}{2r} \quad \frac{r}{2} \quad \frac{D}{4} \quad \frac{2.5}{4} \quad 0.625 \text{ ft}$$

$$z_2 \quad 1035.60 \text{ ft}, z_1 \quad 1034.88 \text{ ft}, x_2 \quad 350 \text{ ft}, x_1 \quad 0 \text{ ft}$$

—

APPENDIX C

PAE FLOW ESTIMATE CALCULATION AND WORKSHEET



FILE _____ AKRON AIRDOCK
SUBJECT ESTIMATED



$$D \quad 30 \text{ inches} \quad 2.5 \text{ ft}$$

$$A \quad \frac{D^2}{4} \quad \frac{(2.5)^2}{4} \quad 4.904 \text{ ft}^2$$

$$R_h \quad \frac{r^2}{2r} \quad \frac{r}{2} \quad \frac{D}{4} \quad \frac{2.5}{4} \quad 0.625 \text{ ft}$$

$$z \quad \text{ft } z \quad \text{ft } x \quad \text{ft, } x \quad 0 \text{ ft}$$



FILE AKRON AIRDOCK

SUBJECT ESTIMATED FULL PIPE FLOW AT PAE-5 (ST 5463)

SHEET 3 of 3

PAE