OFFICIAL FILE COPY
CLERK OF THE BOARD
OF COUNTY COMMISSIONERS
MIAMI-DADE COUNTY, FLORIDA

MEMORANDUM

Agenda Item No. 8(A)(2)

TO: Honorable Chairman Jean Monestime and Members, Board of County Commissioners

DATE: May 17, 2016

FROM: Abigail Price-Williams County Attorney

SUBJECT: Resolution authorizing the County Mayor to execute a Covenant Running with the land requiring institutional controls at Concourse-A/Corridor Link Project located near the intersection of Taxiway-U and Runway 27R, Miami International Airport to obtain approval for a no further action with conditions proposal pursuant to section 24-44 (2)(k)(ii) of Chapter 24 of the Code

Resolution No. R-357-16

The accompanying resolution was prepared by the Aviation Department and placed on the agenda at the request of Prime Sponsor Commissioner Jose "Pepe" Diaz.

Abigail Price-Williams
County Attorney

APW/lmp

Memorandum

MIAMI-DADE COUNTY

Date: May 17, 2016

To: Honorable Chairman Jean Monestime
and Members, Board of County Commissioners

From: Carlos A. Gimenez
Mayor

Subject: Execution and Recording of a Covenant Running with the Land Requiring Institutional and Engineering Controls at Miami International Airport's Concourse-A/Corridor Link Project

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Recommendation
It is recommended that the Board of County Commissioners (Board) approve the attached resolution authorizing the execution and recording of the Covenant Running with the Land requiring Institutional Controls at Miami International Airport's (MIA) Concourse-A/Corridor Link near the Intersection of Taxiway-U and Runway 27R.

Scope
MIA is located primarily within District 6, which is represented by Commissioner Rebeca Sosa; however, the impact of this agenda item is countywide as MIA is a regional asset.

Fiscal Impact/Funding Source
The Covenant will be recorded for a fee of $150.00 for one (1) year or $1,000.00 for 10 years. The fees will be paid from the Miami-Dade Aviation Department's (MDAD) budget.

Track Record/Monitor
The MDAD Environmental Engineering System Section Chief Gustavo Leal, within the Facilities Development Division, will comply with the permit and covenant conditions.

Background
MDAD conducted an assessment at the site related to the procurement of a Class-V Dewatering Permit Application in 2002. The assessment results revealed arsenic contamination in the groundwater above Groundwater Cleanup Target Levels (GCTL). Additional assessment activities documented no soil contamination at the site. Quarterly groundwater monitoring continued at the site until 2012. Arsenic contaminated groundwater remains at the site at levels within the monitoring-only criteria. In April 2012, the Department of Regulatory and Economic Resources Division of Environmental Resources Management (DERM) recommended that MDAD pursue No Further Action with Conditions (NFAC) pursuant to Chapter 24 of the Code of Miami-Dade County. DERM approved the NFAC in May 2013. The NFAC requires the implementation of both Institutional Controls, and this Covenant is part of those requirements.

The Florida Department of Environmental Protection (FDEP) defines institutional and engineering controls as "the restriction on use of or access to a site to eliminate or minimize exposure to petroleum products' chemicals of concern, dry cleaning solvents or other

contaminants. Restrictions include but are not limited to deed restrictions, restrictive covenants or conservation easements. Other forms of institutional control include government controls such as zoning, local ordinances, permits, comprehensive land-use planning and management and FDEP consent orders.

Jack Osterholt, Deputy Mayor

MEMORANDUM

(Revised)

TO: Honorable Chairman Jean Monestime
and Members, Board of County Commissioners

DATE: May 17, 2016

FROM: Abigail Price-Williams
County Attorney

SUBJECT: Agenda Item No. 8(A)(2)

Please note any items checked.

_____ "3-Day Rule" for committees applicable if raised

_____ 6 weeks required between first reading and public hearing

_____ 4 weeks notification to municipal officials required prior to public hearing

_____ Decreases revenues or increases expenditures without balancing budget

_____ Budget required

_____ Statement of fiscal impact required

_____ Statement of social equity required

_____ Ordinance creating a new board requires detailed County Mayor's report for public hearing

_____ No committee review

_____ Applicable legislation requires more than a majority vote (i.e., 2/3's ____, 3/5's ____, unanimous _____) to approve

_____ Current information regarding funding source, index code and available balance, and available capacity (if debt is contemplated) required

Approved _____ Mayor
Veto _____
Override _____

Agenda Item No. 8(A)(2)
5-17-16

RESOLUTION NO. R-357-16

RESOLUTION AUTHORIZING THE COUNTY MAYOR OR COUNTY MAYOR'S DESIGNEE TO EXECUTE A COVENANT RUNNING WITH THE LAND REQUIRING INSTITUTIONAL CONTROLS AT CONCOURSE-A/CORRIDOR LINK PROJECT LOCATED NEAR THE INTERSECTION OF TAXIWAY-U AND RUNWAY 27R, MIAMI INTERNATIONAL AIRPORT TO OBTAIN APPROVAL FOR A NO FURTHER ACTION WITH CONDITIONS PROPOSAL PURSUANT TO SECTION 24-44 (2)(K)(ii) OF CHAPTER 24 OF THE CODE OF MIAMI-DADE COUNTY, FLORIDA

WHEREAS, this Board desires to accomplish the purposes outlined in the accompanying memorandum, a copy of which is incorporated herein by reference; and

WHEREAS, this Board finds that the attached Covenant and related Exhibits meet the criteria for County acceptance as set forth in Section 24-44 (2)(k)(ii) of Chapter 24 of the Code of Miami-Dade County, Florida,

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF MIAMI-DADE COUNTY, FLORIDA, that this Board hereby authorizes the County Mayor or the County Mayor's designee to execute the Covenant Running with the Land to implement institutional controls at Concourse A/Corridor Link Project located near the intersection of Taxiway-U and Runway 27R, at Miami International Airport (the "Property") to obtain approval for a No Further Action with Conditions proposal pursuant to Section 24-44 (2)(k)(ii) of Chapter 24 of the Code of Miami-Dade County, Florida. These institutional controls on the Property afford a level of protection to human health, public safety and the environment that is equivalent to that provided by Section 24-44 (2)(f)(ii) and Section 24-44 (2)(f)(ii) of Chapter 24, Code of Miami-Dade County, Florida.

The foregoing resolution was offered by Commissioner **Rebeca Sosa** , who moved its adoption. The motion was seconded by Commissioner **José "Pepe" Diaz** and upon being put to a vote, the vote was as follows:

Jean Monestime, Chairman	**aye**		
Esteban L. Bovo, Jr., Vice Chairman	**aye**		
Bruno A. Barreiro	**aye**	Daniella Levine Cava	**aye**
Jose "Pepe" Diaz	**aye**	Audrey M. Edmonson	**aye**
Sally A. Heyman	**absent**	Barbara J. Jordan	**aye**
Dennis C. Moss	**absent**	Rebeca Sosa	**aye**
Sen. Javier D. Souto	**aye**	Xavier L. Suarez	**aye**
Juan C. Zapata	**aye**		

The Chairperson thereupon declared the resolution duly passed and adopted this 17th day of May, 2016. This resolution shall become effective upon the earlier of (1) 10 days after the date of its adoption unless vetoed by the County Mayor, and if vetoed, shall become effective only upon an override by this Board, or (2) approval by the County Mayor of this Resolution and the filing of this approval with the Clerk of the Board.

MIAMI-DADE COUNTY, FLORIDA
BY ITS BOARD OF
COUNTY COMMISSIONERS

HARVEY RUVIN, CLERK

By: Christopher Agrippa
Deputy Clerk

Approved by County Attorney as
to form and legal sufficiency.

David M. Murray

INSTITUTIONAL CONTROL APPLICATION PACKAGE

MIA CONCOURSE A UTILITY CORRIDOR LINK

MIAMI INTERNATIONAL AIRPORT
MIAMI, FLORIDA
DERM ARP-16 File # 9968

PREPARED FOR:

MIAMI-DADE COUNTY DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES
701 N.W. 1st Court
Miami, Florida 33136

PREPARED BY:

AMEC ENVIRONMENT & INFRASTRUCTURE, INC.
5845 N.W. 158th Street
Miami Lakes, Florida 33014

AMEC Project No. 6783-10-2155.03

April 5, 2013

7

April 5, 2013

Mr. Julie Balogh, Manager
Airports and Contracts Section
MIAMI DADE COUNTY DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES
701 N.W. 1st Court, 4th Floor
Miami, Florida 33136

Subject: **INSTITUTIONAL CONTROL APPLICATION PACKAGE**
MIA Concourse A Utility Corridor Link
MIAMI INTERNATIONAL AIRPORT, MIAMI, FLORIDA
DERM ARP-16 File # 9968
AMEC Project No. 6783-10-2155.03

Dear Ms. Balogh:

AMEC Environment & Infrastructure Inc. (AMEC) is pleased to submit the Institutional Control Application Package to Miami-Dade County Department of Regulatory and Economic Resources (RER) in response to the memorandum dated April 30, 2012. Based on the communications with RER title search, warranty deed, tax lien information, easements, mortgage holders, and uniform commercial code liens are not required for this site.

If you have any questions concerning this submittal, please contact us at (305) 826-5588.

Sincerely,

AMEC ENVIRONMENT & INFRASTRUCTURE, INC.

Wendy C. Blondin, P.G.
Principal Geologist

Ricardo Fraxedas, P.E.
Chief Engineer

Attachments: Institutional Control Application Package

Distributions: Addressee (2) with CD
Arturo Sosa – MDAD (3) with CD
File (1)

P:\Projects\ENVIRONMENTAL PROJECTS\2010 Projects\10-2155 DERM08 Concourse A-Corridor Link GW\Reports\NFAC Package\Revised Report April 2013\Institutional Control Application Package 4-3-13.doc

AMEC Environment & Infrastructure, Inc.
5845 N.W. 158th Street
Miami Lakes, Florida 33014
Tel (305) 826-5588
Fax (305) 826-1799
www.amec.com

INTRODUCTION

This package is being submitted in accordance with the general guidelines presented in the Miami-Dade County Department of Regulatory and Economic Resources (RER) RBCA Guidance No. 7F for preparing an institutional control. The institutional control will be in the form of a covenant running with the land and recorded in the public records of Miami-Dade County, to qualify for a No Further Action (NFA) with conditions as set forth in Section 24-11.1(2)(J)(2), Code of Miami-Dade County. This package is being submitted for the Miami Dade County Aviation Department's (MDAD) Concourse A Corridor Link located at Miami International Airport in Miami, Miami-Dade County, Florida, and DERM ARP-16 File # 9968.

Included in this package are the following:

- **Covenant**
  - **Exhibit A** - Legal Description of Property – Also detailed in the attached site survey
  - **Attachment A** - Summary of Contamination Assessment

COVENANT

MIA CONCOURSE A CORRIDOR LINK

Miami International Airport
Miami, Miami-Dade County, Florida
DERM ARP-16/ File#9968

This instrument was prepared by:
Name: Wendy C. Blondin, AMEC Environment & Infrastructure
Address: 5845 NW 158th Street, Miami Lakes, Florida 33014

COVENANT RUNNING WITH THE LAND IN FAVOR OF
MIAMI-DADE COUNTY, FLORIDA, REQUIRING
INSTITUTIONAL CONTROLS AT REAL PROPERTY LOCATED AT
MIA Concourse A Utility Corridor Link, Miami,
MIAMI-DADE COUNTY, FLORIDA.

The undersigned Owner, Miami Dade County, holds the fee simple title to the parcel of real property legally described as set forth in Exhibit A, attached hereto and incorporated herein by reference, and located at MIA Concourse A Utility Corridor Link, Miami, Miami-Dade County, Florida, and furthermore identified for ad valorem tax purposes by all or part of Folio Number 30-3129-000-0011 (hereinafter referred to as the "Property"), hereby creates a covenant pursuant to Section 24-44 (2)(k)(ii) of Chapter 24, Code of Miami-Dade County, Florida, on behalf of the undersigned Owner, heirs, successors, grantees and assigns, running with the land to and in favor of Miami-Dade County, a political subdivision of the State of Florida (hereinafter referred to as the "County"), its successors, grantees and assigns, pursuant to Section 24-44 (2)(k)(ii) of Chapter 24 of the Code of Miami-Dade County, Florida, with respect to the Property as follows:

The Owner covenants and agrees to the following:

A. The Owner of the Property has elected to implement institutional controls on the Property to obtain approval for a No Further Action with Conditions proposal pursuant to Section 24-44 (2)(k)(ii) of Chapter 24 of the Code of Miami-Dade County, Florida. The institutional controls that are applicable to the Property have

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been initialed as set forth below. These institutional controls afford a level of protection to human health, public safety and the environment that is equivalent to that provided by Section 24-44 (2)(f)(i) and Section 24-44 (2)(f)(ii) of Chapter 24, Code of Miami-Dade County, Florida. The applicable institutional controls are set forth as follows:

1. __X__ The Property shall not be used for residential purposes.
2. __X__ The Property shall not be used for a children's nursery, children's day care center, children's school, children's camp, or any other similar facility.
3. __X__ Groundwater from the Property shall not be used for drinking water purposes.
4. __X__ Groundwater from the Property shall only be withdrawn for monitoring of pollution.
5. __ Contaminated soil, as delineated in the Site Assessment Report dated _____ and approved by the Director of the Miami-Dade County Department of [Environmental Resources Management or Permitting, Environment and Regulatory Affairs or Regulatory and Economic Resources], its successors or its assigns, shall not be removed from the Property without prior written approval of the Miami-Dade County Department of Regulatory and Economic Resources, its successors and or its assigns. The Site Assessment Report is summarized in Exhibit B, which is incorporated by reference.
6. __Other applicable institutional controls as set forth below:

_____

_____

_____

_____

7. __Engineering controls [(s)], detailed in the Engineering Control Plan dated _____ and approved by the Director of the Miami-Dade County Department of [Environmental Resources Management or Permitting, Environment and Regulatory Affairs or Regulatory and Economic Resources], its

successors or its assigns. The Engineering control Plan is summarized in exhibit C, which is incorporated by reference.

B. Prior to the entry into a landlord-tenant relationship with respect to the Property, the undersigned Owner agrees to notify in writing all proposed tenants of the Property of the existence and contents of this Covenant.

C. For the purpose of inspecting for compliance with the institutional Controls, contained herein, the Miami-Dade Department of Regulatory and Economic Resources, its successors or its assigns, shall have access to the Property at reasonable times and with reasonable notice to the Owner of the Property. In the event that the Property Owner does not or will not be able to comply with any of the institutional controls contained herein, the Property Owner shall notify in writing the Miami-Dade Department of Regulatory and Economic Resources, its successors or its assigns, within three (3) calendar days.

D. This Covenant may be enforced by the Director of the Miami-Dade Department of Regulatory and Economic Resources, its successors or its assigns, by permanent, temporary, prohibitory, and mandatory injunctions as well as otherwise provided for by law or ordinance.

E. The provisions of this instrument shall constitute a covenant running with the land, shall be recorded, at the Owner's expense, in the public records of Miami-Dade County and shall remain in full force and effect and be binding upon the undersigned, their heirs, legal representatives, estates, successors, grantees and assigns until a release of this Covenant is executed and recorded in the Public Records of Miami-Dade County, Florida.

F. This Covenant is to run with the land and shall be binding on all parties and all persons claiming under it for a period of thirty (30) years after the date this Covenant is

recorded, after which time is shall be extended automatically for successive periods of ten (10) years each, unless the Covenant is modified or released by Miami–Dade County.

G. Upon demonstration to the satisfaction of the Director of the Miami-Dade Department of Regulatory and Economic Resources, its successors, or its assigns, that the institutional controls set forth in this Covenant are no longer necessary for the purposes herein intended because the criteria set forth in Section 24-44 (2)(k)(i) of Chapter 24, Code of Miami-Dade County, Florida have been met, the Director of the Miami-Dade Department of Regulatory and Economic Resources, its successors or its assigns, shall, upon written request of the Owner, release this Covenant.

H. The undersigned Owner shall notify the Director of the Miami-Dade Department of Regulatory and Economic Resources, its successors or its assigns, within thirty (30) days of any conveyance, sale, granting or transfer of the Property or portion thereof, to any heirs, successors, assigns or grantees, including, without limitation, the conveyance of any security interest in said Property.

I. The term Owner shall include the Owner, and its heirs, successors and assigns.

IN WITNESS WHEREOF, the undersigned, being the Owner of the Property, agrees to the terms of this Covenant, hereby create same as a Covenant Running with the Land in favor of Miami-Dade County, Florida, and set their hands and seal unto this Covenant this _____day of _____, _____.

WITNESSES:	Miami Dade County:
	Carlos A. Gimenez, County Mayor or his designee
Sign _____	sign _____
Print_____	print_____
Sign _____	Address_____
Print_____	_____

STATE OF FLORIDA
COUNTY OF MIAMI-DADE

The foregoing instrument was acknowledged before me this _____ day of _____, _____ by _____, who is personally known to me, or has produced _____ as identification and who did take an oath.

NOTARY PUBLIC:

Sign _____

Print _____

State of Florida at Large (Seal)
My Commission Expires: _____

IN WITNESS WHEREOF, the undersigned, being the Owner of the Property, agrees to the terms of this Covenant, hereby create same as a Covenant Running with the Land, and set their hands and seal unto this Covenant this _____ day of _____, _____.

EXHIBIT A OF COVENANT

LEGAL DESCRIPTION OF PROPERTY AND SURVEY

MIA CONCOURSE A CORRIDOR LINK

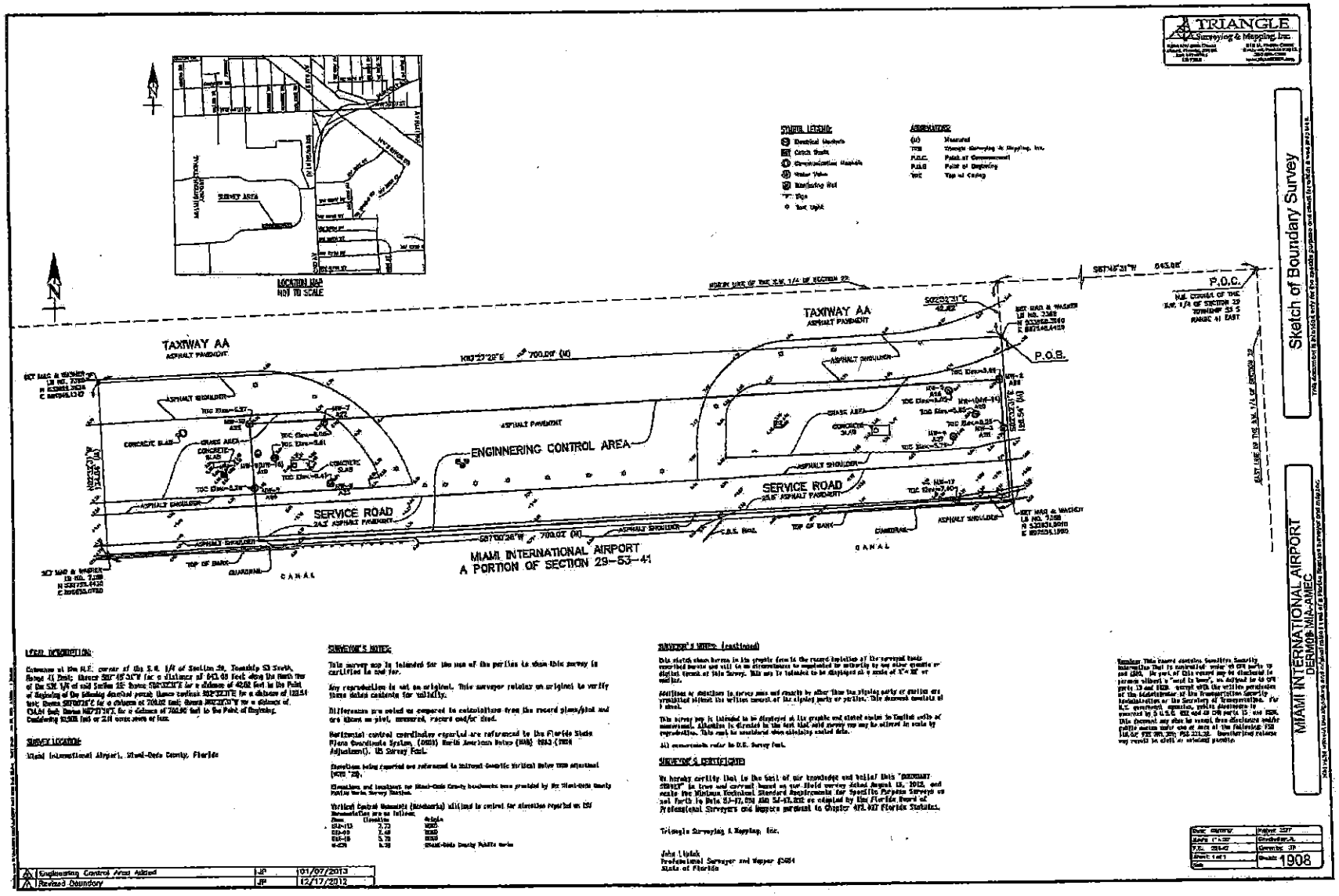
Miami International Airport
Miami, Miami-Dade County, Florida
DERM ARP-16/ File#9968

Exhibit A of Covenant – Legal Description of Property

LEGAL DESCRIPTION OF PROPERTY

A copy of the legal description of the restricted property is attached. The legal description of the restricted property is: Commence at the N.E. corner of the S.W. ¼ of Section 29, Township 53 South, Range 41 East; thence S87°46'31"W for a distance of 643.08 feet along the North line of the S.W. ¼ of said section 29; thence S02°32'31"E for a distance of 42.62 feet to the Point of Beginning of the following described parcel; thence S02°32'31"E for a distance of 128.54 feet; thence S87°00'26"E for a distance of 700.02 feet; thence N02°32'31"W for a distance of 134.04 feet; thence N87°27'29"E for a distance of 700.00 feet to the Point of Beginning. Containing 91,902 feet or 2.11 acres more or less.

Exhibit A of Covenant: Survey



81

ATTACHMENT A OF COVENANT

SUMMARY OF CONTAMINATION ASSESSMENT

MIA CONCOURSE A CORRIDOR LINK

Miami International Airport
Miami, Miami-Dade County, Florida
DERM ARP-16/ File#9968

INTRODUCTION

The Miami Dade Aviation Department's Concourse A Utility Corridor (Utility Corridor) Link located at the Miami International Airport, Miami, Florida. The Utility Corridor is located near the intersection of taxiway "U' and runway 27R. The properties surrounding the site are part of Miami International Airport. The site is located at the approximate coordinates of 25.80236 N and 80.26781 W in Section 29, Township 53 South and Range 41 East. **Figure 1** illustrates the location of the Concourse A/Corridor Link Project in Miami, Florida.

SUMMARY OF SOIL AND GROUNDWATER CONTAMINATION ASSESSMENT

MIA conducted a site assessment in September 2002 as part of the Building 5A Class V Dewatering Permit Application required for the utility corridor project. Arsenic in groundwater was detected above the Groundwater Cleanup Target Level (GCTL) in two temporary monitoring wells (MW-16 and MW-14). A notice of violation was issued to MDAD on October 16, 2002. In November 2004 Ecology & Environment (E&E) installed 10 soil borings and 10 shallow monitoring wells for further delineation. None of the soil samples exceeded the soil cleanup target level (SCTL) of 2.1 milligrams per liter (mg/Kg). The report recommended no further action for the soils at the site. The groundwater samples showed arsenic exceeding the GCTL at monitoring wells, MW-1 and MW-6. Quarterly groundwater monitoring was performed between 2006 and 2009. One delineating monitoring well, MW-4 located to the south detected arsenic exceeding the GCTLs. AMEC installed additional monitoring well, MW-17 further south for delineation. The arsenic levels at monitoring well, MW-17 were detected below the GCTL. A May 2, 2012 RER letter requested a No Further Action with Conditions Package for the groundwater at the site. The Institutional Control area is contained within monitoring wells, MW-10, MW-2, and MW-17 as shown in the attached survey. **Table 1** summarizes the groundwater arsenic concentrations over time. A map showing the site monitor well locations and arsenic concentrations from the last sampled date is shown in **Figure 2**.

TABLES

Table 1.
Groundwater Analytical Results
DERM-01/Concourse A
AMEC Environment Infrastructure, Inc.
AMEC Project Number: 6783-10-2155

Company and Report Date	Location ID	Historical Well ID	Sample Descriptor	Date Collected	Arsenic (µg/L)
Ecology and Environment Inc. - November 2004	-	MW-1	-	12/02/04	**670**
Ecology and Environment Inc. - November 2004	-	MW-2	-	12/02/04	10 U
Ecology and Environment Inc. - November 2004	-	MW-3	-	12/02/04	10 U
Ecology and Environment Inc. - November 2004	-	MW-4	-	12/02/04	10 U
Ecology and Environment Inc. - November 2004	-	MW-5	-	12/02/04	10 U
Ecology and Environment Inc. - November 2004	-	MW-6	-	11/23/04	**91**
Ecology and Environment Inc. - November 2004	-	MW-7	-	11/23/04	10 U
Ecology and Environment Inc. - November 2004	-	MW-8	-	11/23/04	10 U
Ecology and Environment Inc. - November 2004	-	MW-9	-	11/23/04	10 U
Ecology and Environment Inc. - November 2004	-	MW-10	-	11/23/04	10 U
Ecology and Environment Inc. - June 2006	-	MW-6 (MW-16)	-	5/02/06	**26**
Ecology and Environment Inc. - June 2006	-	MW-1 (MW-14)	-	5/02/06	**570**
MACTEC - July 2007	A20	MW-1 (MW-14)	CCAMOP002	5/22/07	3.10
MACTEC - July 2007	A19	MW-6 (MW-16)	CCAMOP001	5/22/07	0.8 U
MACTEC - October 2007	A20	MW-1 (MW-14)	CCAMOP004	8/23/07	**585.00**
MACTEC - October 2007	A19	MW-6 (MW-16)	CCAMOP003	8/23/07	**24.40**
MACTEC - January 2008	A20	MW-1 (MW-14)	CCAMOP006	12/19/07	**575.00**
MACTEC - January 2008	A19	MW-6 (MW-16)	CCAMOP005	12/19/07	**35.40**
MACTEC - January 2009	A28	MW-3	CCAMOP010	12/17/08	2
MACTEC - January 2009	A26	MW-5	CCAMOP009	12/17/08	1.0 U
MACTEC - January 2009	A24	MW-9	CCAMOP008	12/17/08	1.0 U
MACTEC - January 2009	A22	MW-7	CCAMOP007	12/17/08	1.0 U
MACTEC - March 2009	A28	MW-3	CCAMOP010	3/18/09	1.0 U
MACTEC - March 2009	A26	MW-5	CCAMOP009	3/18/09	1.0 U
MACTEC - March 2009	A22	MW-7	CCAMOP007	3/18/09	1.0 U
MACTEC - March 2009	A24	MW-9	CCAMOP008	3/18/09	1.0 U
MACTEC - August 2009	A28	MW-3	CCAMOP011	8/24/09	4.92
MACTEC - August 2009	A26	MW-5	CCAMOP012	8/24/09	4.6 U
MACTEC - August 2009	A22	MW-7	CCAMOP013	8/24/09	4.6 U
MACTEC - August 2009	A24	MW-9	CCAMOP014	8/24/09	4.6 U
MACTEC - November 2009	A29	MW-2	MW-2	11/20/09	4.6 U
MACTEC - November 2009	A28	MW-3	MW-3	11/20/09	7.36
MACTEC - November 2009	A27	MW-4	MW-4	11/20/09	**22.9**

22

Table 1.
Groundwater Analytical Results
DERM-01/Concourse A
AMEC Environment Infrastructure, Inc.
AMEC Project Number: 6783-10-2155

Company and Report Date	Location ID	Historical Well ID	Sample Descriptor	Date Collected	Arsenic (µg/L)
MACTEC - November 2009	A26	MW-5	MW-5	11/20/09	4.6 U
MACTEC - November 2009	A22	MW-7	MW-7	11/20/09	4.6 U
MACTEC - November 2009	A23	MW-8	MW-8	11/20/09	4.6 U
MACTEC - November 2009	A24	MW-9	MW-9	11/20/09	4.6 U
MACTEC - November 2009	A25	MW-10	MW-10	11/20/09	4.6 U
MACTEC - January 2010	A27	MW-4	MW-4	1/28/10	**10.0**
MACTEC - August 2010	A27	MW-4	MW-4	8/09/10	**60.0**
MACTEC - May 2011		MW-17	MW-17	5/17/11	**15.00**
MACTEC - June 2011		MW-17	MW-17	6/23/11	4.0 U
AMEC - November 2011	A27	MW-4	MW-4	11/04/11	**12.0**
AMEC - November 2011		MW-17	MW-17	11/04/11	4.0 U
AMEC - February 2012		MW-4	MW-4	2/28/12	**15.00**
AMEC - February 2012		MW-17	MW-17	2/28/12	4.0 U
DERM GCTL Groundwater Criteria					10

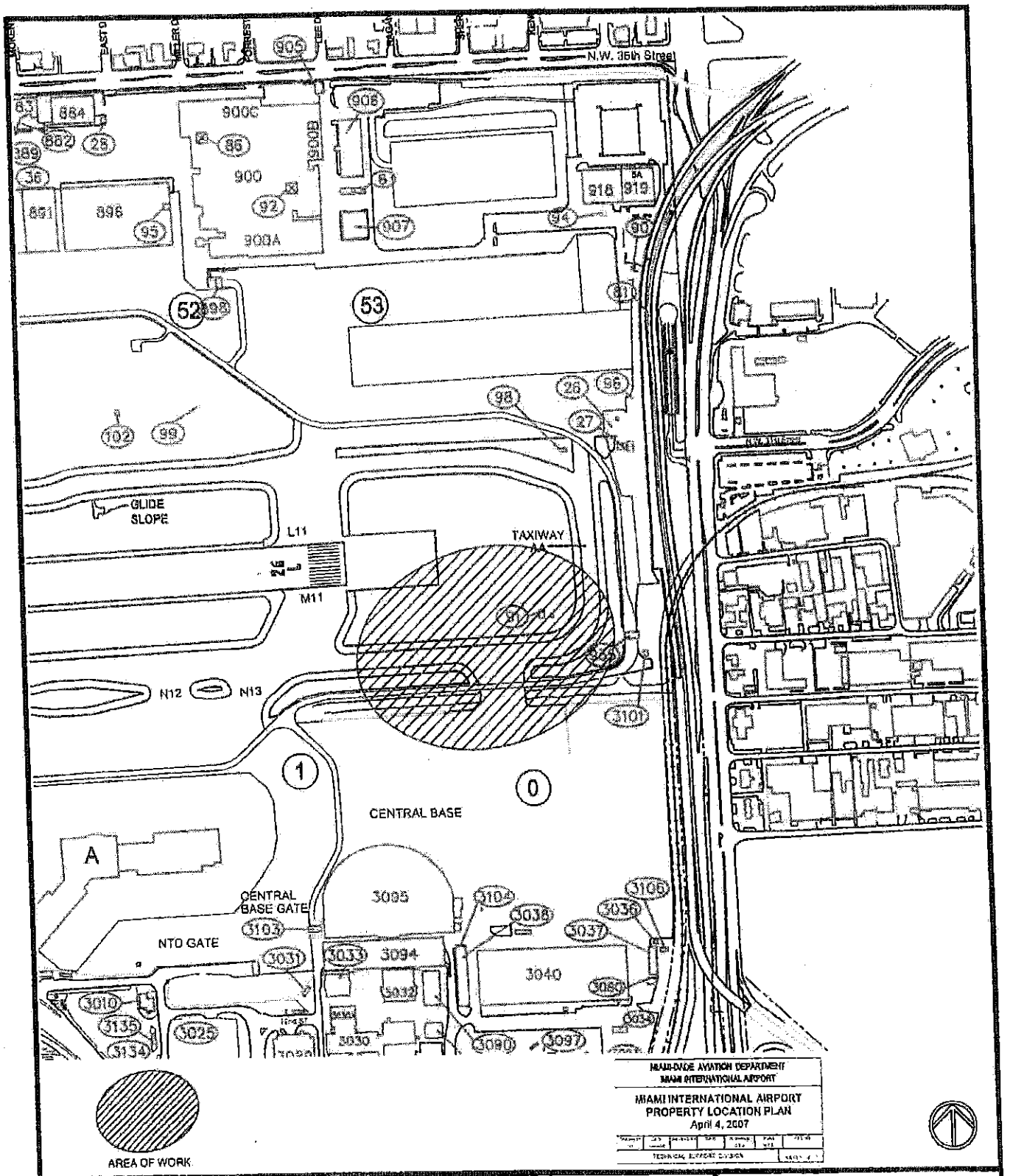
Prepared by: JMP
Checked by: [illegible]

J - The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
< - Compound was analyzed for but not detected at the MDL level
"-" : Data Not Available
Bold — Indicate concentrations are above the DERM GCTL groundwater criteria

23

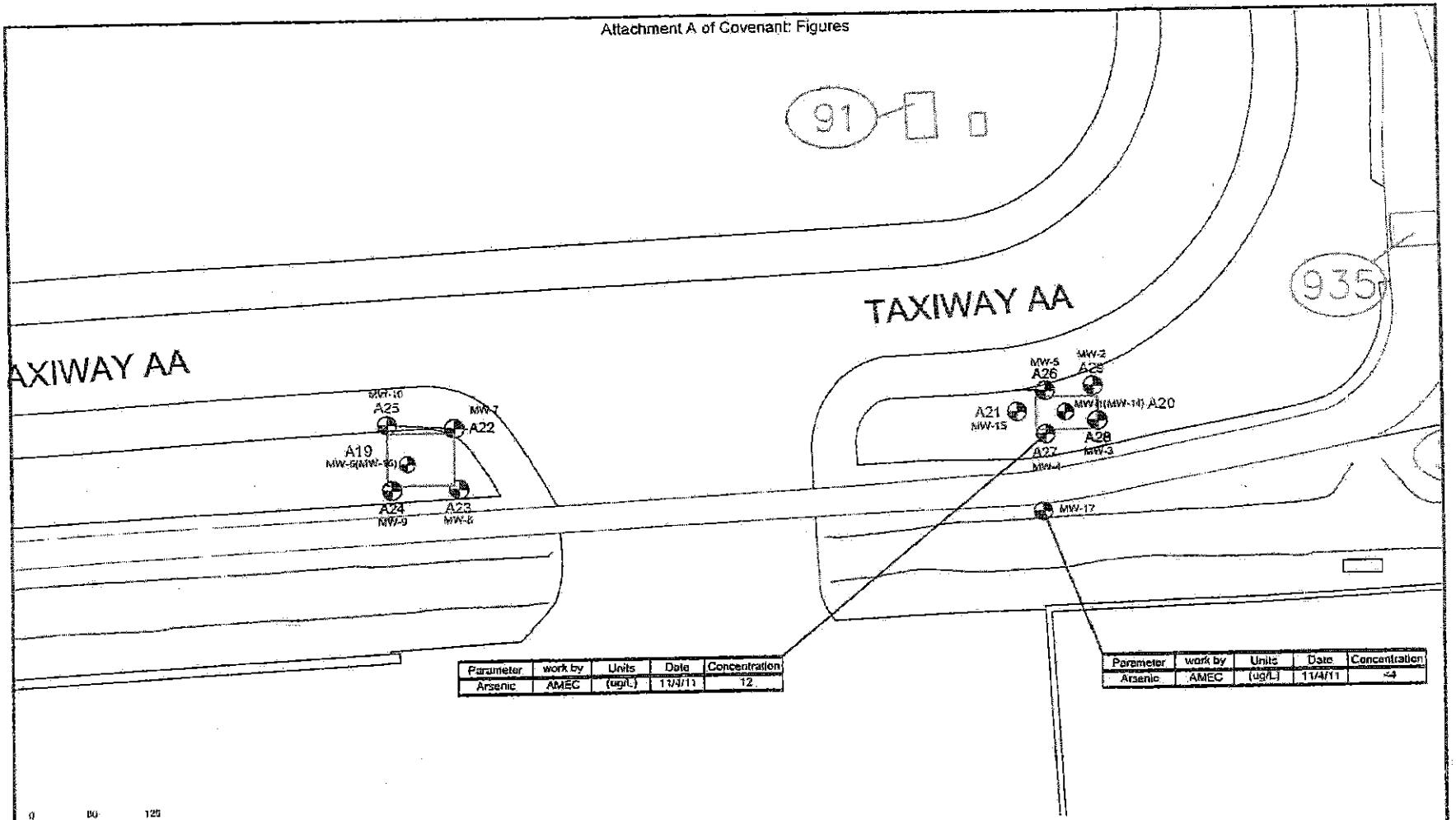
FIGURES

Attachment A of Covenant: Figures



DERM-01 / CONCOURSE A MIAMI INTERNATIONAL AIRPORT MIAMI, FLORIDA	amec AMEC ENVIRONMENT & INFRASTRUCTURE 5845 N.W. 158th STREET MIAMI LAKES, FL 33014 TEL: (305) 826-5588 / FAX: (305) 826-1799	FIGURE 1 SITE VICINITY MAP
AMEC PROJECT No.: 6783-10-2155.01		DRAWN BY: N.A.B. / DATE: 03/26/12 CHECKED BY: W.A. / SCALE: N.T.S.

Attachment A of Covenant: Figures



Parameter	work by	Units	Date	Concentration
Arsenic	AMEC	(ug/L)	11/4/11	12

Parameter	work by	Units	Date	Concentration
Arsenic	AMEC	(ug/L)	11/4/11	<4

LEGEND

N

A27 MW-4 — SAMPLED & GAUGED EXISTING MONITORING WELL

ug/L — MICROGRAMS PER LITER

10 ug/L — ARSENIC DERM GCTL

22.5 — DERM GCTL EXCEEDENCE

REFERENCE

MIAMI-DADE AVIATION DEPARTMENT
MIAMI INTERNATIONAL AIRPORT

MIAMI INTERNATIONAL AIRPORT
PROPERTY LOCATION PLAN
April 4, 2007

TECHNICAL SUPPORT DIVISION

Area proposed for conditional closure

amec

AMEC ENVIRONMENT & INFRASTRUCTURE
5845 N.W. 158th STREET
MIAMI LAKES, FL 33014
TEL: (305) 826-5584 FAX: (305) 826-7709

AMEC PROJECT # 8783-10-2155

FIGURE 2

GROUNDWATER CONCENTRATION MAP

DERM-01 / CONCOURSE A

MIAMI INTERNATIONAL AIRPORT
MIAMI, FLORIDA

REV.#	DATE	BY	DESCRIPTION
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

DRAWN BY: J.A.M. DATE: 08/04/11

CHECKED BY: A.A. SCALE: AS SHOWN

26