

From: [Rae Lynn Schneider](#)
To: (b)(6); (b)(7)(c)
Cc: JMPowers@sftmb.com; jim@carpenteraustin.com; [Rudi Reinecke](#)
Subject: New Mitigation Plan for SWF-2010-506
Date: Friday, February 15, 2013 9:17:01 AM
Attachments: [image001.png](#)
[image002.png](#)
[Central Texas Airport Mitigation Plan.pdf](#)

(b)(6); (b)(7)(c)

Attached is the revised mitigation plan for the Central Texas Airport, SWF-201-506. This mitigation plan supersedes all previous versions. If you have any questions, just let us know.

Rae Lynn Schneider, PMP

President

logo2.GIFIntegrated Environmental Solutions, LLC

8(a)/WBE/DBE/HUB

2150 S. Central Expressway, Suite 110

McKinney, Texas 75070

972/562.7672 (o)

972/562-7673 (f)

214/284-4147 (c)

RSchneider@IntEnvSol.com <<mailto:rwelch@intenvsol.com>>

cid:image001.jpg@01CA1B2D.6A63E3D0

Mitigation Plan

Part I: Project Information

Project Name: Central Texas Airport
 SWF Permit No.: SWF-2010-506
 Project Location: 1906 FM 969, Elgin, Bastrop County, Texas
 Mitigation Site Location(s) (if different):
 Watershed(s): Colorado River Watershed
 County or Counties: Bastrop County

Part III: Compensatory Mitigation

6. Determination of Credits

The USACE Fort Worth District’s Texas Rapid Assessment Method (TxRAM) was used to determine the condition of the different tributaries and impoundment. Given the nature of the impoundment, a shallow pond with wetland characteristics that seasonally goes dry, a TxRAM wetland data form was used. The TxRAM data forms for existing conditions for each of the tributaries and impoundment are provided in **Attachment E**. A summary of the scores is provided in **Table 1**.

Table 1. Summary of Impact and Mitigation Area Functional Credits

Stream Reach or Feature	Existing TxRAM Score	Existing Impact Length or Area
WAT-3	24.2	4,423 LF
WAT-4	24.2	967 LF
Pond 1	28.6	8.55 AC

To offset the deficit of compensatory mitigation the Permittee proposes to purchase mitigation bank credits. Only one mitigation bank services the proposed project, the Willbarger Creek Mitigation Bank (WCMB). It can provide all aquatic credit types necessary for the proposed project and the banking system has ratios for purchasing mitigation bank credits based on size of impact, type of aquatic feature, and quality of aquatic feature, if necessary. **Table 2** illustrates the proposed number of mitigation bank credits required determined by the aquatic feature type and the size of impacts to waters of the United States. Mitigation bank credits will compensate for unavoidable impacts to the ephemeral and intermittent streams within the project, all waters of the United States.

Table 2. Mitigation Bank Multipliers and Number of Credits for Each Waters of the United States

Feature	Water Classification	Length Impacted	Area Impacted	WCMB	
				TxRAM Score	Credits
Stream Credits					
WAT-3	Ephemeral Stream	4,423 LF	--	24.2	1,070.4
WAT-4	Ephemeral Stream	967 LF	--	24.2	234.0
Total Stream Credits					1,304.4
Open Water Credits					
Pond-1	Impoundment	---	8.55 AC	28.6	2.4

Part IV: Attachments

	Included
A. General Location Map	<input type="checkbox"/>
B. Delineation of Waters of the U.S., Including Wetlands	<input type="checkbox"/>
C. Site Photos	<input type="checkbox"/>
D. Design/Plan Figures	<input type="checkbox"/>
E. Functional/Condition Assessment	<input checked="" type="checkbox"/>
F. Credit/Debit Evaluation with Table	<input type="checkbox"/>
G. Site Protection Instrument	<input type="checkbox"/>
H. Long-term Management Plan	<input type="checkbox"/>
I. Other:	<input type="checkbox"/>