DEPARTMENT OF THE ARMY
SAVANNAH DISTRICT, CORPS OF ENGINEERS
1590 ADAMSON PARKWAY, SUITE 200
MORROW, GEORGIA 30260-1777

REPLY TO
ATTENTION OF

JANUARY 09 2013

Regulatory Division
SAS-2011-00975

JOINT PUBLIC NOTICE
Savannah District/State of Georgia

The Savannah District has received an application for a Department of the Army Permit, pursuant to Section 404 of the Clean Water Act (33 United States Code (U.S.C.) 1344), as follows:

Application Number: SAS-2011-00975

Applicant: Mr. Karl von Hagel, Airport Manager
Cobb County Airport - McCollum Field
1723 McCollum Parkway
Kennesaw, Georgia 30144

Agent: Mr. Gordon Murphy, Natural Resources Technical Manager
The LPA Group Incorporated
Post Office Box 5805
Columbia, South Carolina 29250

Location of Proposed Work: The approximately 302-acre airport property is located east of the intersection of McCollum Parkway and Old Highway 41, and north of Cobb Parkway North/ US 41/State Route 3 in the City of Kennesaw in Cobb County, Georgia (latitude 34.01321824 and longitude -84.60429667).

Description of Work Subject to the Jurisdiction of the US Army Corps of Engineers: To fill 0.1 acre of Wetland F to extend parallel Taxiways A and B to the end of pavement at the approach end of Runway 9. This first project is safety-related and would provide better access to the runway. It would also eliminate the need for aircraft to back-taxi on the runway in order to utilize all available runway length on departure.

To pipe 459 linear feet of perennial Stream A to extend the north apron from Taxiway A2 to Corporate Row Taxiway and rehabilitate/pave the apron. This second project would place a 32-inch diameter pipe in Stream A. The new pipe would connect to an existing pipe on the west end of the stream. On the east end of Stream A, an existing water control structure would be removed. The proposed 32-inch diameter pipe would be connected at this end to an existing pipe system that extends under the existing terminal area. This pipe system carries airport stormwater runoff east to Noonday Creek. This project on the north apron would cover an area of approximately 3.6 acres.

Compensatory mitigation for the 0.1 acre of wetland impact would require the purchase of 0.7 wetland credit and for the 459 linear feet of stream impact would require the purchase of 2,226 stream credits. The projects are located within the Etowah River Basin. The applicant is proposing to purchase the wetland credit from the Oostanaula River Mitigation Bank, which lists the Etowah River Basin as a secondary service area and has the only available wetland credits at this time, and the stream credits from the Cochrans Creek Mitigation Bank, which is in the Etowah River Basin.

Four alternatives were considered by the applicant for the above two projects. The alternatives considered should meet the applicant's stated need and purpose to improve safety at the airport by reducing the number of times an aircraft must cross the runway or back-taxi on the runway to get into position for takeoff/departure. The applicant's preferred alternative is the project described above. A second alternative was the no-build/no-action/total avoidance of waters of the US that did not meet the applicant's stated purpose to improve safety at the airport. The third alternative shifted the alignment of Taxiway A to avoid wetland impacts but placed the taxiway and runway too close together. An off-site alternative would be cost prohibitive and could potentially impact more waters of the US.

There are a total of five (5) projects proposed for the Cobb County Airport – McCollum Field. All five projects would be contained entirely within existing airport property, and no additional right-of-way or easements would be required. The first project is the extension of parallel Taxiways A and B to Runway 9 displaced threshold end of pavement. The second project would be the rehabilitation and expansion of the north apron from Taxiway A2 to Corporate Row Taxiway. The only impacts to waters of the United States (US) would occur during the first and second projects as described above. The third proposal would rehabilitate and expand the north apron on the west half of Taxiway A2 to A1. The fourth project would rehabilitate and expand the north apron on the east half of Taxiway A1 to A2. The fifth and last project would develop Tract U and G, located between the Air Traffic Control Tower and McCollum Parkway, into usable ramp and hanger space, which would be available for lease.

Three (3) previous projects at the airport have impacted waters of the US and been permitted by the US Army Corps of Engineers. These projects were: (1) a Standard Individual Permit, SAS-1996-10730, that filled 1,450 linear feet of a stream and relocated it to a 1,065-foot long culvert constructed under the runway, and filled 3.05 acres of wetlands to extend the runway. Mitigation for these impacts was performed on-site and off-site, and included preservation of a 50-foot wide buffer along 1,000 linear feet of Noonday Creek and creation of a new 700-foot long stream channel; (2) a Nationwide Permit (NWP) No. (14), SAS-2010-01026, that extended an existing culvert 80 linear feet in an unnamed tributary to Noonday Creek; and (3) a NWP No. (32), SAS-2011-00975, that piped 625 linear feet of Stream A. Compensatory mitigation for the NWP No. (32) was the purchase of 3,213 stream credits from the Cochrans Creek Mitigation Bank on November 15, 2012.

BACKGROUND

This Joint Public Notice announces a request for authorizations from both the US Army Corps of Engineers and the State of Georgia. The applicant's proposed work may also require local governmental approval.

STATE OF GEORGIA

Water Quality Certification: The Georgia Department of Natural Resources, Environmental Protection Division, Watershed Protection Branch, intends to certify this project at the end of 30 days in accordance with the provisions of Section 401 of the Clean Water Act, which is required for a Federal Permit to conduct activity in, on or adjacent to waters of the State of Georgia. Copies of the application and supporting documents relative to a specific application will be available for review and copying at the office of the Georgia Department of Natural Resources, Environmental Protection Division, Water Protection Branch, 4220 International Parkway, Suite 101, Atlanta, Georgia 30354, during regular office hours. A copier machine is available for public use at a charge of 25 cents per page. Any person who desires to comment, object or request a public hearing relative to State Water Quality Certification must do so within 30 days of the State's receipt of an application in writing and state the reasons or basis of objections or request for a hearing. The application can be reviewed in the US Army Corps of Engineers, Savannah District, Regulatory Division, Piedmont Branch office located at 1590 Adamson Parkway, Suite 200, Morrow, Georgia 30260-1777.

State-Owned Property and Resources: The applicant may also require assent from the State of Georgia, which may be in the form of a license, easement, lease, permit or other appropriate instrument.

US ARMY CORPS OF ENGINEERS

The Savannah District must consider the purpose and the impacts of the applicant's proposed work prior to a decision on issuance of a Department of the Army Permit.

Cultural Resources Assessment: Pursuant to Section 106 of the National Preservation Division Act of 1966, as amended (16 U.S.C. 470 et seq.), we request from the Georgia Historic Preservation Division (Georgia HPD) or any other interested party information on whether any cultural resources that are listed or proposed for listing in the National Register of Historic Places (NRHP) may be present in the area of the Cobb County Airport – McCollum Field in the City of Kennesaw in Cobb County, Georgia. Presently unknown archaeological, scientific, pre-historical or historical data may be located at the site and could be affected by the proposed work.

By a memorandum dated January 31, 2011, Georgia HPD, under their number HP-100827-006, concurred with the applicant's findings contained in the document entitled "Background Research and Field Reconnaissance, Cobb County Airport – McCollum Field, Cobb County, Georgia" dated December 2010, prepared by Brockington and Associates, Inc. Review of the

latest published version of the National Register of Historic Places indicates that no registered properties or properties listed as eligible for inclusion are located at the site or in the area affected by the proposed work.

Endangered Species: Pursuant to Section 7(c) of the Endangered Species Act of 1973, as amended (16 U.S.C. 1531 et seq.), we request information from the US Department of the Interior, Fish and Wildlife Service; the US Department of Commerce, the National Oceanic and Atmospheric Administration, and the National Marine Fisheries Service; or any other interested party on whether any species listed or proposed for listing may be present in the area.

Public Interest Review: The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit, which reasonably may be expected to accrue from the proposal, must be balanced against its reasonably foreseeable detriments. All factors, which may be relevant to the proposal, will be considered including the cumulative effects thereof; among these are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and in general, the needs and welfare of the people.

Consideration of Public Comments: The US Army Corps of Engineers is soliciting comments from the public; federal, state, and local agencies and officials; Native American Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any written comments received will be considered by the US Army Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

Application of Section 404(b)(1) Guidelines: The proposed activity involves the discharge of dredged or fill material into the waters of the United States. The Savannah District's evaluation of the impact of the activity on the public interest will include application of the guidelines promulgated by the Administrator, Environmental Protection Agency, under the authority of Section 404(b) of the Clean Water Act.

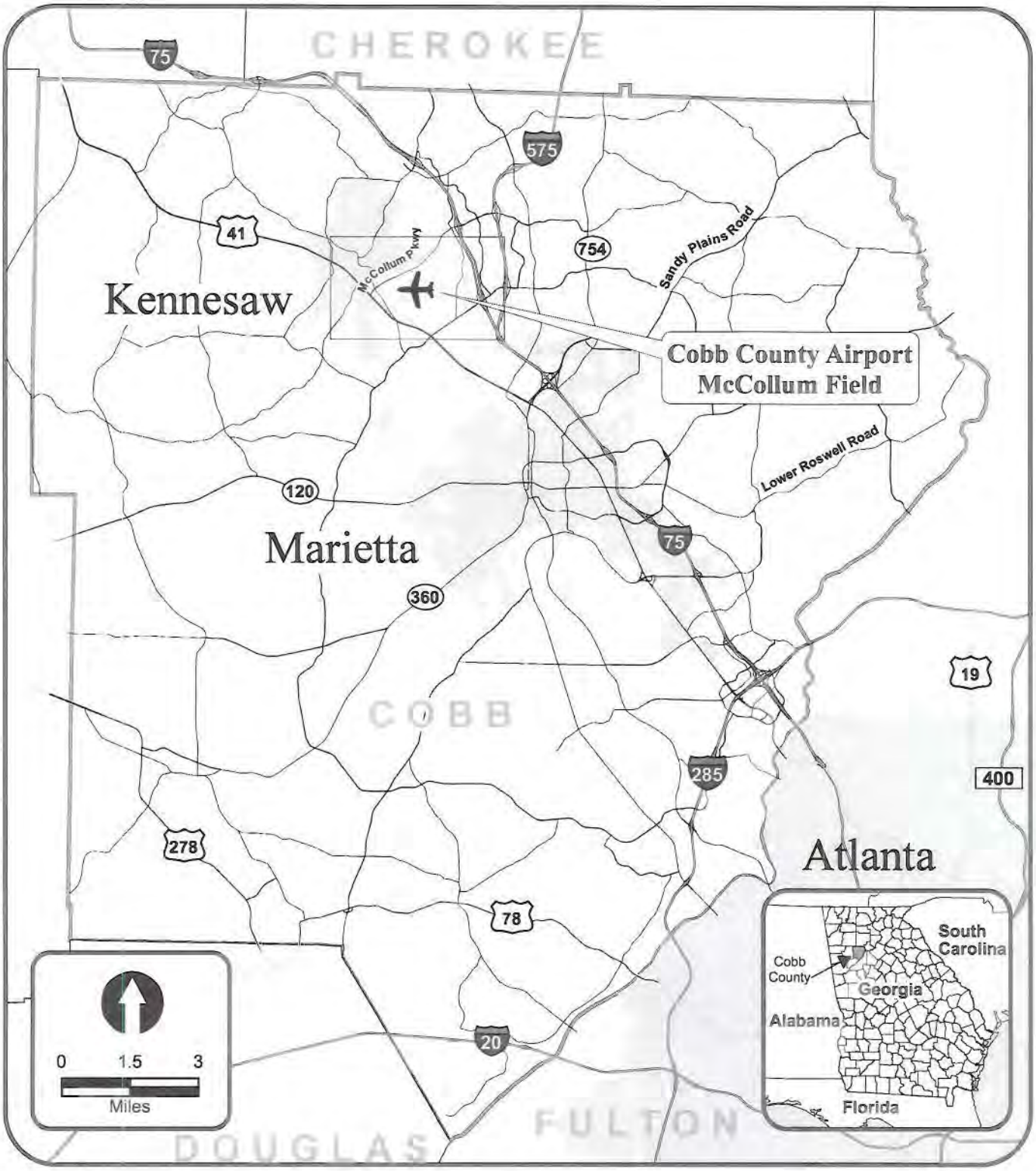
Public Hearing: Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application for a Department of the Army Permit. Requests for public hearings shall state, with particularity, the reasons for requesting a public hearing. The decision whether to hold a public hearing is at the discretion of the District Engineer or his designated appointee based on the need for additional substantial information necessary in evaluating the proposed project.

Comment Period: Anyone wishing to comment on this application for a Department of the Army Permit should submit comments in writing to the Commander, US Army Corps of Engineers, Savannah District, Regulatory Division, Attention: Ms. Mary Dills, 1590 Adamson Parkway, Suite 200, Morrow, Georgia 30260-1777, no later than 30 days from the date of this notice. Please refer to the applicant's name (Cobb County Airport) and the application number (SAS-2011-00975) in your comments.

If you have any further questions concerning this matter or wish to make an appointment to view the application, please contact Ms. Dills, Project Manager, Piedmont Branch, at (678) 422-2727.

6 Enclosures

1. Figure 1: Location Map
2. Figure 3: Project Area with USGS Topo
3. Figure 4: Project Area with NWI (National Wetland Inventory)
4. Figure 6: Wetland Delineation
5. Figure 7: Permit Plan View
6. Mitigation Worksheets (2 pages)



TAXIWAY EXTENSION AND RAMP EXPANSION
McCollum Field Airport

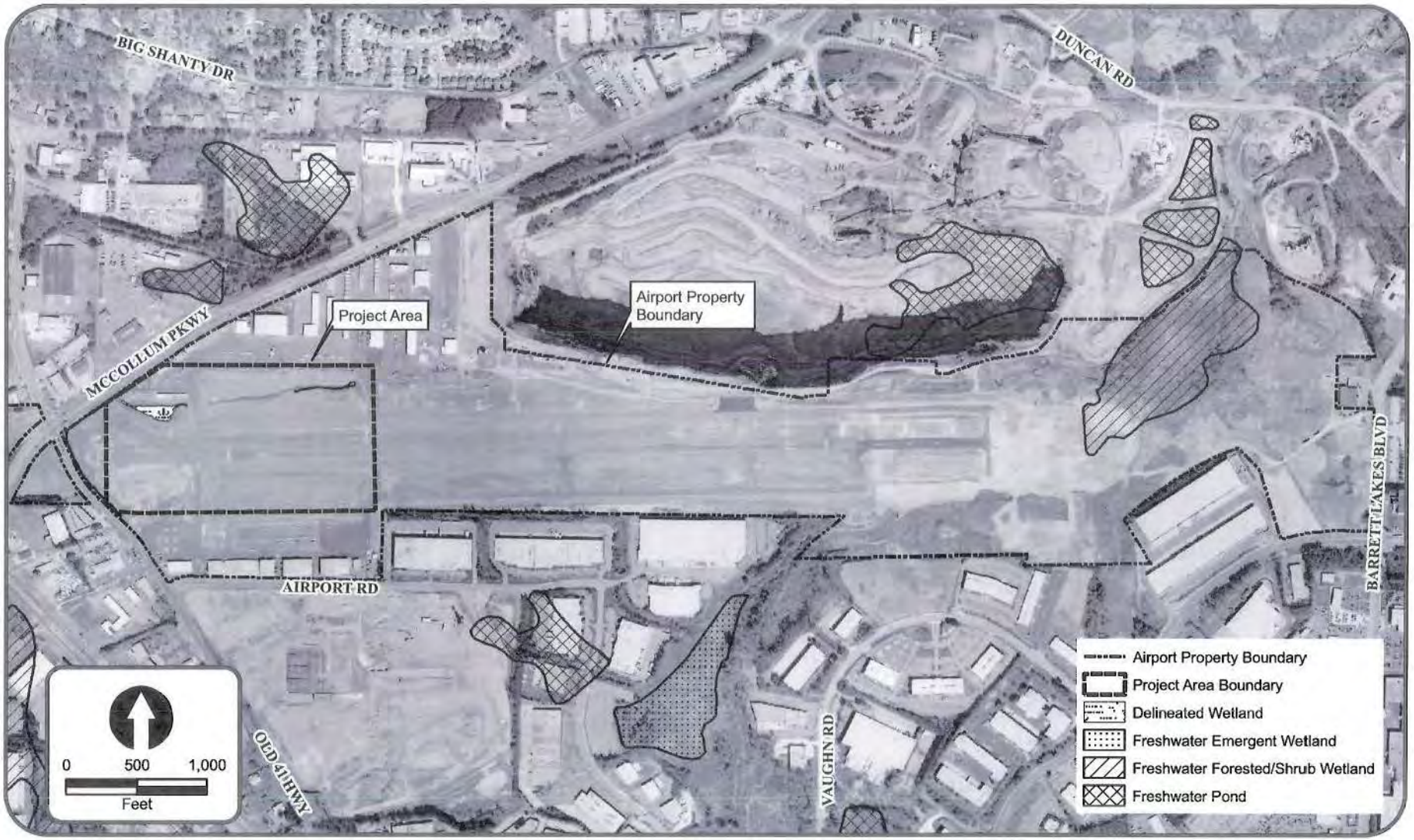
Location Map
Figure 1

SAS-2011-00975 Encl 1: Project Location Map

TAXIWAY EXTENSION AND RAMP EXPANSION
McCollum Field Airport

Project Area with USGS Topo

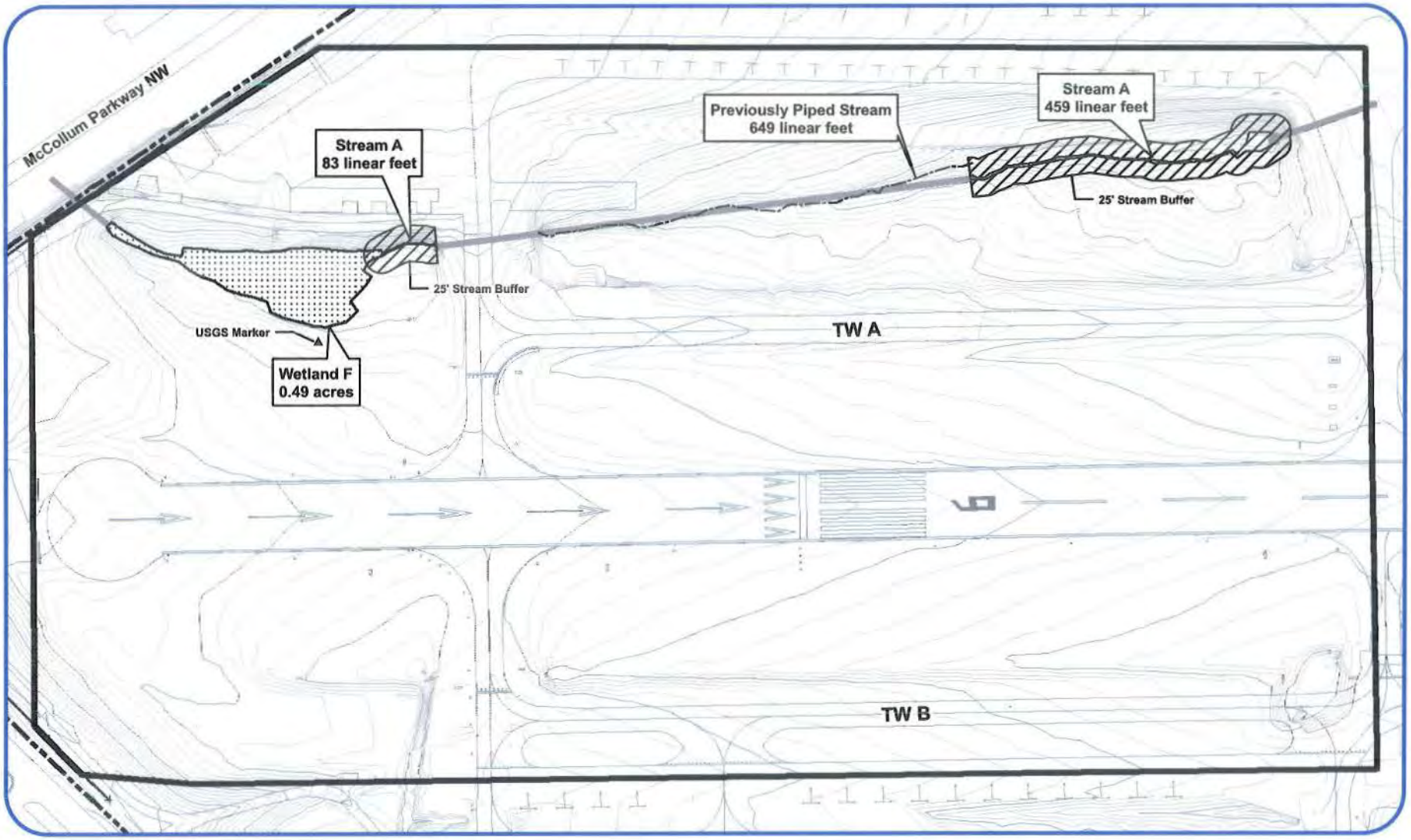
Figure 3



TAXIWAY EXTENSION AND RAMP EXPANSION
McCollum Field Airport

Project Area with NWI

Figure 4

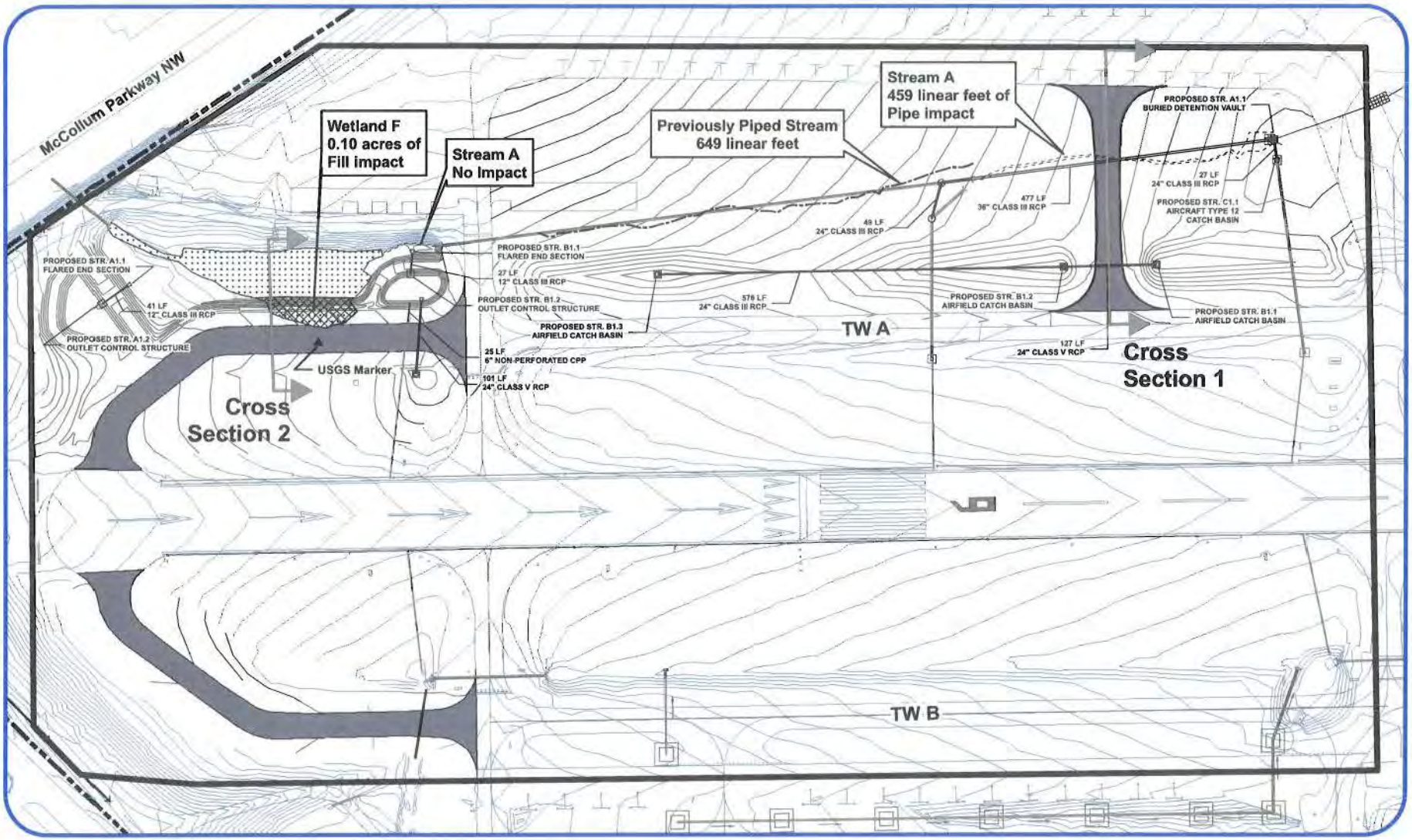


TAXIWAY EXTENSION AND RAMP EXPANSION
McCollum Field Airport

0 100 200
Feet

Wetland Delineation

Figure 6



TAXIWAY EXTENSION AND RAMP EXPANSION
McCollum Field Airport

0 100 200
Feet

Permit Plan View

Figure 7

SAS-2011-00975 Encl 5: Permit Plan View

WETLANDS AND OPEN WATERS
MITIGATION WORKSHEETS

ADVERSE IMPACT FACTORS

Factor	Options						
Dominant Effect	Fill 2.0	Dredge 1.8	Impound 1.6	Drain 1.4	Flood 1.2	Clear 1.0	Shade 0.5
Duration of Effects	7+ years 2.0	5-7 years 1.5	3-5 years 1.0	1-3 years 0.5	< 1 year 0.1		
Existing Condition	Class 1 2.0	Class 2 1.5	Class 3 1.0	Class 4 0.5	Class 5 0.1		
Lost Kind	Kind A 2.0	Kind B 1.5	Kind C 1.0	Kind D 0.5	Kind E 0.1		
Preventability	High 2.0	Moderate 1.0	Low 0.5	None 0			
Rarity Ranking	Rare 2.0	Uncommon 0.5	Common 0.1				

† These factors are determined on a case-by-case basis.

REQUIRED MITIGATION CREDITS WORKSHEET

Factor	Area 1	Area 2	Area 3	Area 4	Area 5	Area 6
Dominant Effect	2.0					
Duration of Effect	2.0					
Existing Condition	0.5					
Lost Kind	1.5					
Preventability	0.5					
Rarity Ranking	0.1					
Sum of r Factors	R_1 – 6.6	R_2 –	R_3 –	R_4 –	R_5 –	R_6 –
Impacted Area	AA_1 – 0.1	AA_2 –	AA_3 –	AA_4 –	AA_5 –	AA_6 –
R × AA =	0.66					

Total Required Credits = $\sum$ (R × AA) = 0.66

459 WORKSHEET 1: ADVERSE IMPACT FACTORS FOR RIVERINE SYSTEMS WORKSHEET

Stream Type Impacted	Intermittent 0.1			Perennial Stream > 15' in width 0.4			Perennial Stream ≤ 15' in width 0.8		
Priority Area	Tertiary 0.5			Secondary 0.8			Primary 1.5		
Existing Condition	Fully Impaired 0.25			Somewhat Impaired 0.5			Fully Functional 1.0		
Duration	Temporary 0.05			Recurrent 0.1			Permanent 0.2		
Dominant Impact	Shade/ Clear 0.05	Utility X-ing 0.4	Bank Armor 0.7	Deten-tion 1.5	Stream Crossing (≤ 100') 1.7	Impound 2.7	Morpho-logic Change 2.7	Pipe >100' 3.0	Fill 3.0
Scaling Factor (Based on # linear feet impacted)	< 100' impact 0	100-200' impact 0.05	201-500' impact 0.1	501-1000' impact 0.2	> 1000' impact 0.4 for each 1000' feet of impact (round impacts to the nearest 1000') (example: 2,200' of impact – scaling factor = 0.8; 2,800' of impact – scaling factor – 1.2)				

Reaches to Be Impacted	Fill	Perm. Clear	Temp. Clear	Reach 4
	Complete the Following for Each Reach to Be Impacted			
Simon Channel Evolution Stage	See project narrative			
Rosgen Stream Type/D50	See project narrative			
Criteria for Selecting Existing Condition for Each Reach				
Bankfull Width and Depth	Width: 2 ft Depth: 0.2 ft	Width: Depth:	Width: Depth:	Width: Depth:
Bankfull Indicators (attach photograph showing bankfull for each reach)				
Factors	**Reach 1**	**Reach 2**	**Reach 3**	**Reach 4**
Stream Type Impacted	0.8			
Priority Area	0.5			
Existing Condition	0.25			
Duration	0.2			
Dominant Impact	3.0			
Scaling Factor	0.1			
Sum of Factors M =	4.85			
Feet Stream in Reach Impacted LF =	459			
M X LF =	2,226.2			

Total Mitigation Credits Required = (M X LF) = 2,226