

Appendix C: Summary of Information Request Responses

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Information Request Survey Form



Airport Cooperative Research Program
Wetland Mitigation - A Guidebook for Airports
ACRP 02-70

WETLAND MITIGATION REQUEST FOR INFORMATION FORM

Please complete a separate sheet for each selected wetland mitigation project.

Agency contacted:

Contact person:

Phone:

Email:

1) What is the name of the airport where the project took place (optional)?

2) In which state was the project completed?

3) What type of project generated the need for mitigation?

Proposed parallel taxiway

4) What level of NEPA documentation was required for the project?

- Categorical Exclusion
- Environmental Assessment
- Environmental Impact Statement

5) How many acres of wetland were impacted?

6) What type(s) of wetland(s) were impacted?

7) What wetland permit(s) were obtained? (check all that apply)

- USACE Individual Permit
- USACE General or Nationwide Permit
- State Permit
- Local Permit
- Other (Describe):

8) What was the length of time to acquire regulatory approvals? (months)





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9) What type(s) of mitigation were used? (check all that apply)

- Creation (on-site or off-site)
- Enhancement
- Restoration
- Preservation
- Mitigation Bank
- In-lieu* Fee
- Other (Describe):

Provide a brief description of the mitigation. If applicable, include whether the mitigation site was located on airport property and its distance relative to airport runways.

10) What was the size of the mitigation site in acres? (if applicable)

11) What was the cost of the mitigation project? (include design, construction, and monitoring/maintenance costs, if available:

12) What was the source(s) of funding?

13) Which regulatory agencies were involved in the project?

14) What other stakeholders were contacted and why?

15) What types of constraints were encountered? (e.g., threatened & endangered species, invasive species, historic/archaeological resources, site contamination)

16) Were any functional issues/challenges to project success encountered?

17) Describe any wildlife hazard issues encountered at the mitigation site.

18) What long-term monitoring and management requirements were imposed on the project?



Summary of Responses

Facility	Project Generating Need for Mitigation	NEPA Documentation	Agencies Involved	Wetland Impacted (Acres)	Type of Wetlands Impacted	Type of Wetland Permit Obtained	Source(s) Funding	Approximate Project Cost	Size of Mitigation Site (Acres)	Type of Mitigation	Long-Term Management, Monitoring
Aberdeen Regional Airport Aberdeen, South Dakota	Stormwater Improvements	EA	USACE, USFWS,FAA, SDDOT	56.04	Freshwater Emergent	CWA Section 404	Not Provided	Design, Construction, Post-Construction Monitoring, Additional Studies \$820,948	45.2	3 Off-Site Mitigation Sites	5 Annual Reports and Deed Restriction
Bismarck Airport Bismarck, North Dakota	Local Wildlife Habitat Modification		FAA, USACE, NRCS	60	Palustrine Emergent	CWA Section 404	Not Provided	\$15,000/acre	96	Offsite Restoration, Vegetative Buffer, Enhancement, Preservation	5-Year Monitoring and 99-Year Conservation Easement
Brookings Regional Airport Brookings, South Dakota	Runway Re-Alignment	EA	USACE, USEPA	3	Freshwater Emergent	CWA Section 404	Not Provided	Design, Construction, Post-Construction Monitoring, Additional Studies \$261,766	6	2:1 Off-Site Creation	Deed Restriction, Monitoring and Reporting During Construction
Chesapeake Regional Airport Chesapeake, Virginia	Obstruction Removal	EA	USACE, VADEQ, VADOF	94.08	Palustrine Emergent, Palustrine Scrub-Shrub, Palustrine Forested	State & Local	Not Provided	Not Provided	94.88	Mitigation Bank, Silviculture	Forest Stewardship Management Plan
Detroit Lakes-Becker County Airport Detroit Lakes, Minnesota	Runway Extension	EA	USACE, MN DNR, MN BWSR, SWCD	15.5	"Forested Wetland", Shallow Marsh (Palustrine Emergent)	CWA Section 404, MN WCA Act Permit	AIP	Not Provided	32.3	On-Site Creation	5-Year Monitoring With Adaptive Management
Huntington Tri-State Airport (1)	Runway Safety Improvements	EIS	USACE, WVDEP, FAA	12	Stream Restoration	CWA USACE General	AIP, State	Design/Construction- N/A, Monitoring \$6,000/Year	12	On-Site and Off-Site Creation and Restoration	6-Year Annual Monitoring
Huntington Tri-State Airport (2)	Airport Development	EA	FAA, WVDEP	20	"Pond and Marsh"	State	Local	\$250,000	200	Preservation, Wildlife Management	Not Provided
Huntington Tri-State Airport (3) Huntington, West Virginia	Wildlife Management	EA	WVDEP	15	Lacustrine	Not Provided	FAA, State, Local	Not Provided	15	Retention Basin Restoration	Not Provided
Kahului Airport Kahului, Hawaii	Runway Safety Improvements		USACE	18.4	Not Provided	None	Not Provided	Not Provided	18.4	On-Site Drainage Improvements	Vegetation Management
Nome Airport Nome, Alaska	RSA Improvements		AK DEC, AK DF&G, AK SHPO, USFWS, USEPA, FAA	71.6	Palustrine scrub shrub, palustrine emergent, riverine	CWA Section 404	AIP	\$1,417,350	Not Provided	<i>In lieu</i> fee payment	5-Year Monitoring
Raleigh County Memorial Airport Beaver, West Virginia	Apron Expansion	CATEX	USACE, WVDEA, USEPA, USFWS	1.64	Emergent	CWA General	AIP, State Aeronautics Commission	\$2,500,000	2.5	On-Site Creation and Enhancement, Stormwater Improvements, and Mitigation Bank	Annual Monitoring for up to 10-Years
Saint Michael Airport City of Saint Michael, Alaska	Airport Improvement Projects		AK DEC, AK DF&G, FAA, AK SHPO, USFWS, USEPA, NMFS, BLM	10.98	Palustrine Emergent	CWA Section 404	AIP	Not Provided	None	Implementation of dust control measures on adjacent dirt road to reduce associated impacts to wetlands and community water supply (Clear Lake)	None required
Sisseton Municipal Airport Sisseton, South Dakota	Wildlife Attractant Removal		USACE, USFWS	11.72	Non-Jurisdictional "Fresh Meadow", Open Water (Palustrine Emergent)	None	AIP	Not Provided	11.72	Off-Site Creation	5-Year Monitoring Requirement
Skagit Regional Airport Burlington, Washington	Runway Safety Area Grading Project		USACE, WADE	8	State Category II, III, & IV Wetlands	CWA Section 404, Section 401, WA CZM	Not Provided	Wetland Bank \$963,000	7.38	Off-Site Wetland Bank, On- Site Water Quality Improvements.	None Required
Sugar Land Regional Airport Sugar Land, Texas	Parallel Taxiway	EA	TXDOT, FAA, USACE, TXP&WD, SHPO	1.8	Palustrine Emergent, Palustrine Scrub-Shrub	CWA Individual	TXDOT	\$228,825	Not Provided	Mitigation Bank	None Required

Source: The research team compiled these responses from each individual airport that completed and returned the form on pages C-1 and C-2.

Facility	Project Generating Need for Mitigation	NEPA Documentation	Agencies Involved	Wetland Impacted (Acres)	Type of Wetlands Impacted	Type of Wetland Permit Obtained	Source(s) Funding	Approximate Project Cost	Size of Mitigation Site (Acres)	Type of Mitigation	Long-Term Management, Monitoring
T.F. Green Airport Warwick, Rhode Island	Runway Safety Area Improvements	EIS	USACE, RIDEM	2.63	Palustrine Scrub-Shrub	CWA Section 404, RIDEM	AIP	Not Provided	4.4	Creation, Enhancement, Restoration	
Vernal Regional Airport Vernal, Utah	Runway Reconstruction	EA	FAA, USACE	1.76	"Irrigation Ditches"	Not Provided	Not Provided	Permit \$140,000, Easement \$215,000, Design \$55,000, Construction, \$235,000, Contract Delay, \$130,000	7.1	Restoration, Enhancement, Preservation	5-Years Monitoring Required
Wiley Post-Will Rogers Memorial Airport Barrow, Alaska	Maintenance Facility, Airport Improvements		AK DEC, AK DF&G, FAA, AK SHPO, USFWS, USEPA, NMFS, BLM	16.81	Palustrine emergent persistent	CWA Section 404	AIP	Not Provided	None	Improvement of avian habitat by removal of overhead power lines and removal of potential hazardous material source (PCB-containing transformers).	Before and after project photo documentation