OMB Control No.1018-0100 Expires: 04/30/2018

NORTH AMERICAN WETLANDS CONSERVATION ACT SMALL GRANTS PROGRAM 2017 PROPOSAL APPLICATION INSTRUCTIONS PROPOSAL DEADLINE: NOVEMBER 3, 2016

PAPERWORK REDUCTION ACT STATEMENT: This information collection is authorized by the North American Wetlands Conservation Act (NAWCA) of 1989, as amended (16 U.S.C. 4401 et seq.). Your response is required to obtain or retain a benefit in the form of a grant. We estimate that it will take approximately 40 hours to prepare an application, including time to review instructions, gather and maintain data, and complete and review the proposal. An agency may not conduct or sponsor and a person is not required to respond to a collection of information unless it displays a currently valid Office of Management and Budget control number. OMB has reviewed and approved this information collection and assigned OMB Control Number 1018-0100. You may submit comments on any aspect of this information collection, including the accuracy of the estimated burden hours and suggestions to reduce this burden. Send your comments to: Information Collection Officer, U.S. Fish and Wildlife Service, 1849 C Street, NW., Mail Stop BPHC, Washington, D.C. 20240.

SCIENTIFIC INTEGRITY POLICY: Effective 1/28/2011, the Department of Interior established a policy to ensure and maintain the integrity of scientific and scholarly activities used to inform management and public policy decisions: DOI Policy 305 DM 3, "Integrity of Scientific and Scholarly Activities" (http://elips.doi.gov/elips/release/3889.htm). The Scientific Integrity Policy applies to the Department's employees as well as its contractors, grant recipients and volunteers when they analyze or share scientific information with the public or use the Department's information to make policy or regulatory decisions. This policy now applies to all funding applications received by the North American Wetlands Conservation Act grant program. Essentially, the use of false data to leverage grant funds is a direct violation of DOI's Scientific Integrity Policy and requires the refund of any associated Federal assistance.

SOLICITATIONS: The Catalog of Federal Domestic Assistance (CFDA) program does not use social media or contact individuals by phone to solicit, review, or make awards. Government staff will NOT call or message you requesting money in order to be eligible for an award. Please report any information and documentation that you have related to such incidents to the FBI's Internet Crime Complaint Center (www.ic3.gov) and your local law enforcement authorities.

INTRODUCTION

The following proposal instructions, associated information, and examples are designed to guide applicants already familiar with the purpose, scope, and expectations of the Small Grants Program in preparing and submitting their application. Therefore, to ensure your project proposal's eligibility and to improve its funding potential, **please be sure you first read all of the information provided** on the Small Grants Program's introductory web page and application instructions overview page, located at: http://www.fws.gov/birds/grants/north-american-wetland-conservation-act/small-grants.php.

Before you begin preparing your proposal, be sure to read the specific guidelines regarding the eligible use of grant and matching funds, eligible sources of match, and funding-use restrictions provided in <u>Appendix A</u>. This appendix provides summary guidelines and is not a complete list of all eligible and ineligible activities, sources of match, and uses of funding. If parts of your proposal are not addressed in <u>Appendix A</u>, or you are uncertain as to your project's eligibility, please contact the <u>Small Grants Program</u> or NAWCA Small Grants Coordinator: Rodecia McKnight at 703-358-2266 (rodecia mcknight@fws.gov).

You are also encouraged to contact the coordinator of the Joint Venture where your project is located. Joint Venture staff can provide valuable input to applicants during project development and proposal writing. In addition, each Joint Venture will review all of the proposal submissions from within their region and provide feedback about each project to the scoring subcommittee. If you are unfamiliar with the Joint Venture system, Appendix G contains a map of the Joint Venture administrative areas that will help you identify the Joint Venture where your project is located and direct contact to your Joint Venture Coordinator at the U.S. Fish and Wildlife Service Joint Venture Directory.

Proposals will be deemed ineligible if they do not adhere to eligibility and cost criteria in the preceding files and in these instructions. Your proposal will be automatically ineligible if the outline font or font size is modified. These files do not contain any instructions or examples; follow the instructions in this file when completing one of the blank proposals.

MAJOR CHANGES FROM THE 2016 SMALL GRANT INSTRUCTIONS

- For FY2017 the grant request cap has been raised from \$75,000 to \$100,000.
- There is now a question on the Project Officer page about proposed acquisition activities that would result in additions to the National Wildlife Refuge System (NWRS).
- The GIS shapefile section at the end of the Attachments guidelines includes a change in the required projection and attribute table.
- Grants.gov is now requiring a grants.gov project narrative form and budget form to be uploaded with the SF-424 forms. Those two additional grants.gov forms are not required by NAWCA, however, please leave both forms blank and submit with your SF-424 forms to make sure your application is process in grants.gov. Your application will not be processed or you will receive a grants.gov error if these forms are not attached with the SF-424 forms.
- To aid you in completing the proposal, a blank proposal outline can be downloaded here: https://www.fws.gov/birds/grants/north-american-wetland-conservation-act/how-to-apply-for-a-nawca-grant.php#us-small

INSTRUCTIONS FOR SUBMITTING A PROPOSAL

SUBMISSION via Grants.gov

- In order to apply for a grant, your organization must complete the Grants.gov registration process. The registration process for an organization or an individual can take five business days or as long as four weeks if all steps are not completed in a timely manner. Register early!
- The SF-424 form and SF-424D forms <u>must</u> be submitted through Grants.Gov. **NEW:** Grants.gov is now requiring a grants.gov project narrative and budget form to be uploaded with the SF-424 forms. Those two additional grants.gov forms are not required by NAWCA, however, please leave both forms blank and submit with your SF-424 forms to make sure your application is process in grants.gov. Your application will not be processed or you will receive a grants.gov error if these forms are not attached with the SF-424 forms. The remaining sections of the proposal cannot be submitted through grants.gov and instead should be submitted to DBHC via email (see below in submission of full proposal. Add copies of the (including the SF424 forms) to your email with the proposal. **Note:** Standard Form SF-424 Application for Federal Assistance Form and SF-424D Assurances for Construction Projects Form: All applicants, except the U.S. Fish and Wildlife Service and other Federal Agencies, are required to submit a completed Application for Federal Assistance (SF-424) AND Assurances Construction Programs (SF-424D) form along with their proposal application. These forms, with instructions, can also be found at: http://www.grants.gov/web/grants/forms/sf-424-family.html#sortby=1. Additional information is available in Section IX of the instructions.
- Before you can view and complete an application package, you must have Adobe Reader installed. Application packages are posted in Adobe Reader format. You may receive a validation error using incompatible versions of Adobe Reader. To prevent a validation error, it is now recommended that you uninstall any earlier versions of Adobe Reader and install the latest compatible version of Adobe Reader.
- Due to code requirements within the FBMS (our business system), the term "Budget" cannot be used in a file name. "Financial Plan" must be used in its place to avoid data management errors.
 - 1. Submission of the SF-424 and SF-424D forms via Grants.gov at: http://www.grants.gov/web/grants/search-grants.html?keywords=nawca Funding Opportunity number: This number will be available after 9-3-16.
 - 2. We will send you a confirmation if your submission was successful.

Federal agencies should submit their application directly, via email, to the Division of Bird Habitat Conservation. Federal agencies do not need to submit a SF-424 and are exempt from the DUNS, SAM, and EIN requirements.

SUBMISSION of Full Proposal and Required Attachments via Email

- Email your full application (which includes the narrative proposal, partner letters, maps, SF-424, and SF-424D, in that order) as **one single PDF file** [*ProjectTitle.*pdf] to: nawca_smallgrant@fws.gov. Do not send separate files and do not send paper copies.
- Do not send files that are larger than 25MB. Remember that maps in your application document will increase the file size. Check that your email system and server are capable of sending an email with an attachment of that size.
- **Keep a copy** of the "sent" email to document the submission of your proposal before the deadline.

Proposal Deadline: Small Grants Program applications may be submitted at any time prior to the deadline, but must be received no later than 4 PM EST on November 3, 2016 in order to be eligible for consideration.

Submission to Joint Venture Coordinator: Send a copy of your proposal to your <u>Joint Venture</u> Coordinator.

Receipt Confirmation: You will receive an e-mail response within one week of the submission deadline confirming that your application was received. If you do not receive a confirmation, you should contact one of the program coordinators immediately.

Timeframe: All applications are processed in the weeks following the application deadline. Final decisions regarding project selections will be made by the North American Wetlands Conservation Council (Council) at its meeting in February 2017.

Will I hear anything more after the confirmation email? Approximately one month after the submission deadline, we will send the Project Officer comments requesting more information or clarification.

If selected, when will I get access to the grant funds? The Assistance Award (also referred to as the Grant Agreement) is developed by the Service after the Council has made project selections and clearances, payment arrangement steps, and Federal funding appropriations have been met. Instructions for these steps will be issued after the February 2017 meeting. A Division of Bird Habitat Grants Officer will review the documentation. If the Grants Officer finds any problem related to compliance with law, policy, or administrative procedures, s/he will contact the project officer to seek a resolution. After all problems have been resolved, the Grants Officer will send the recipient a signed Agreement. The grant funding period begins on the date of the USFWS signature on the Agreement. A recipient signature is not required.

When can I start incurring costs? Selected proposals will be eligible for pre-agreement costs. You can begin incurring pre-agreement costs at any time after you have submitted your proposal, but you will not be reimbursed until after official agreements are issued.

How will I receive grant funds? Recipients must use the U.S. Treasury's Automated Standard Application for Payments (ASAP). If your project is selected, you will be prompted to set up an ASAP account.

Property acquisitions: Acquisitions have stringent documentation requirements. If your proposal includes property acquisition, including fee simple purchases and conservation easements funded with either grant or matching funds, it is imperative that you review the requirements for real property acquisition assistance stated in the <u>U.S. Grant Administration Standards</u>.

Easements, leases: Copies of easements and leases that are already in place when the proposal is submitted should be attached to the proposal.

Indirect Cost Agreements: If you are requesting grant funds for indirect costs or using indirect costs as match, attach a copy of your current, signed, approved negotiated cost rate agreement (NICRA) and any previously approved negotiated indirect cost rate agreement that was used to determine match costs in this proposal.

BASIC REQUIREMENTS AND PROPOSAL INSTRUCTIONS

Please follow the format below and save the file in a single PDF file, as indicated above. Failure to submit a proposal following the required guidelines and formats will make it ineligible.

General Requirements

- 1. All proposals should be sent electronically to nawca_smallgrant@fws.gov by the deadline.
- 2. Do not send the proposal by fax or in hardcopy.
- 3. All margins should be 1 inch.
- 4. Font typeface should be "Times New Roman" Size 11.
- 5. All materials must be submitted as a single PDF file. This file should not be larger than 25MB.
- 6. Do not include a cover letter. The Cover Page shown in the Proposal Outline should be the first page of the proposal as shown in the template.
- 7. **Use the same name for landowners and tracts throughout the proposal**; do not use more than one name for the same tract or landowner.
- 8. We will only accept properly formatted Partner Contribution Statements as verification of partner match. Submitting partner letters that do not follow the format in the guidelines will adversely affect the timely review of a proposal and may result in the contribution being considered as non-match.
- 9. Insert information into the "Small Grants Proposal Application" template in the Proposal Outline, which can be downloaded here: https://www.fws.gov/birds/grants/north-american-wetland-conservation-act/how-to-apply-for-a-nawca-grant.php#us-small.

I. COVER PAGE (limit to 2 pages)

Note: Do not include a cover/transmittal letter with the proposal. The Cover Page should be the first page of the proposal. The information below in italics is intended to assist you as you fill out the blank Proposal Outline.

What is the proposal title? Enter a short, descriptive, and unique title. Limit it to 80 characters, including spaces. If the proposal is a phase of an earlier funded proposal, use the same title as the earlier proposal but include the appropriate phase number, using Roman numerals.

What is the date you are submitting the proposal?

Amount of NAWCA funding request:

What are the geographical landmarks for the proposal?

List Counties and States that the tract(s) are included in; if tract(s) are unknown, then list all of the project area

- 1. State(s):
- 2. County(ies): *In alphabetical order*
- 3. Congressional District(s): Visit https://www.census.gov/geo/maps-data/maps/reference-cd114.html for the most up to date list of Congressional Districts or download the Congressional District GIS shapefile
- 4. JV(s): Identify the Migratory Bird Joint Venture area(s). Visit the <u>USFWS JV Directory website</u> or download the JV GIS shapefile.
- 5. BCR(s): *Identify the Bird Conservation Region BCR(s)*. *Visit http://www.nabci-us.org/map.html* or download the <u>BCR GIS shapefile</u>.
- 6. Project Location zip code(s):
- 7. Coastal or Non-Coastal Project Site: See map in Appendix H

Project Officer Information:

- 1. Name:
- 2. Title:
- 3. Organization: Full, legal name of organization

- 4. Applicant Organization Address: City, State, Zip of Applicant Organization
- 5. Project Officer Address: City, State, Zip of Applicant Organization
- 6. Telephone number:
- 7. Email address:
- 8. Additional contacts: We require a single PO but you may list anyone who may be communicating with us pre- or post-award about the project if the PO is unavailable.
- 9. DUNS Number:

How many more proposals are planned for the same proposal area?

will any of the NAWCA funds reque	sted as part of this proposal be received or spent by the U.S.
Fish and Wildlife Service or another	Federal agency? Yes/No
If yes, which agency(ies) will receive the	nese funds and what is the fund amount:
Agency	Amount
(add additional lines as necessary and in	nclude accounting code if possible)

Does this proposal include acquisition activities that will add to the National Wildlife Refuge System (NWRS)? Yes/No

If yes, please indicate which NWRS program the acquisition(s) will be added to: National Wildlife Refuge (NWR) and which one(s), Waterfowl Production Area (WPA) and which one(s), or Small Wetland Acquisition Program (SWAP).

Are carbon sequestration credits involved in your proposal? Yes/No

If yes, please highlight and provide details in the appropriate financial plan narrative/work plan section. Include information about whether the credits will generate program income (Described in Grant Administration Standards).

Will any portion of any tract or activities associated with any tract be used to satisfy wetland or habitat mitigation requirements under Clean Water Act, Rivers and Harbors Act, Fish and Wildlife Coordination Act, Water Resources Development Act, ecological service credits or other related statutes now or in the future? Yes/No

If yes, please highlight and provide details in the appropriate financial plan narrative/work plan section.

Have you confirmed that all partners, key personnel, and contractors are eligible to participate in Federal grants? Yes/No

To ensure that the proposal complies with available guidelines and that partners are aware of their responsibilities, the Project Officer certifies to the following statement: I have read the 2017 Small Grant proposal instructions, eligibility information, and applicable U.S. grant administration policies and informed partners or partners have read the material themselves. To the best of my knowledge, this proposal is eligible and complies with all NAWCA, North American Wetlands Conservation Council, and Federal grant guidelines and the information submitted herein is true and correct. The work in this proposal consists of allowable and eligible work and costs associated with long-term wetlands and migratory bird habitat conservation.

Audit reports. If the applicant organization expended more than \$750,000 of federal funds during the last calendar year, please include a copy of your most recent of SF-FAC that was submitted to the Federal Audit Clearinghouse. If your organization did not expend more than \$750,000 of federal funds last year, please certify that the Single Audit (formerly A-133) was not required.

Do you have any comments about, or suggestions for, the NAWCA program? You may provide comments with this proposal, or send them at any time by email to: nawca_smallgrant@fws.gov.

II. PROPOSAL SUMMARY (limit to 1 page)

The proposal summary is the only narrative material provided to the North American Wetlands Conservation Council, so it must be descriptive and succinct. We recommend that you write the summary after you have written the rest of the proposal, as this will help to ensure that information in the Summary is the same as in the rest of the proposal.

A. General Requirements

- 1. The Proposal Summary must not exceed one page.
- 2. Margins should be 1 inch.
- 3. Font typeface: Times New Roman, Size 11.
- 4. All Proposal Summary totals and Financial Plan totals must agree. Dollar and acreage amounts must be consistent throughout the proposal.
- 5. The Proposal Summary must follow the format provided in the Proposal Outline exactly.

B. Specific Requirements

- 1. Include the project title and state with initial capital letters. If the proposal is a phase of an earlier funded proposal, use the title of the earlier proposal with an appropriate Roman numeral denoting the phase number.
- 2. Using the prescribed format in the Proposal Outline, provide the requested information for each category. **However, do not include categories if no information for that category exists.** For instance, if there is no restoration work being done, do not include a "Restored" line in the "ACTIVITIES, COSTS, AND ACRES" section.
- 3. Enter the total grant amount on the right side of the page, right justified, on the same line as the header "GRANT AMOUNT." Enter the name of the organization(s) that will be allocated grant funds after the "Allocation:," header (normally, this will be the Grantee organization, which administers the funding as planned in the proposal; however, in certain circumstances, other organizations may be receiving grant funds directly). Enter the allocation amount after the organization(s) name. Enter the total for MATCHING PARTNERS, and the total for ACTIVITIES, COSTS, AND ACRES each on the same line as their respective headers, in alignment with the total grant amount.
- 4. MATCHING PARTNERS: Enter the grantee organization and contribution (if applicable) immediately underneath the category header. List the matching partners and their contributions under the grantee. Provide the full partner name; do not abbreviate. List the individual match contributions in tabular format.
- 5. GRANT AND MATCH ACTIVITIES, COSTS, AND ACRES: Insert the total costs and acreage associated with the grant and match funds to the right on the same line as the header (right justified). Under the header, list one or more appropriate activities, costs, and acreages from the following activity categories: Fee Acquired; Fee Donated; Easement(s) Acquired; Easement(s) Donated; Lease(s) Acquired; Lease(s) Donated; Other Acquisition Costs (no acreage); Personnel & Travel, Acquisition; Restored; Enhanced; Wetland Established; Grant Admin Costs; Other; Indirect Costs. List the activities in that order, but do not list categories in which no activity will take place. After each category listed, indicate the amount being expended in tabular format, then type a slash (/) and the total acreage involved. If building envelope acres are involved with any activities, ensure that these acres are not included in the acreage totals for the proposal.
 - Include only those activities, costs, and acres associated with grant or match funds. See the instructions for the Financial Plan Table for contributions from non-match funds.

• If acquired acreage also will be restored or enhanced in the current proposal, place parentheses around the restored or enhanced acreage to show that they have already been accounted for under the acquired category.

In the following simplified example, 100 new acres are to be acquired in Fee Title using grant and/or match funds.

- 80 new acres are to be restored using grant and/or match funds; 20 of the 100 acres acquired in fee in this project are also restored (20); an additional 30 acres acquired in a previous NAWCA project will also be restored (30).
- 50 new acres are to be enhanced using grant and/or match funds; 30 of the 100 acres acquired in fee are also enhanced (30); an additional 40 acres acquired in a previous phase will also be enhanced (40).

GRANT AND MATCH – ACTIVITIES, COSTS, AND ACRES \$150,000/230 (120) acres

Fee Acquired \$75,000/100 acres Restored \$34,000/80 (50) acres Enhanced \$40,000/50 (70) acres

Other \$1,000

- 6. Please try not to oversimplify your answers. For example, the purchase price of a parcel of land should be labeled as "Fee Acquired" while Appraisal Fees, Closing Costs, etc. are "Other Acquisition Costs."
- 7. Only include acre values for the following activities: Acquired, Donated, Restored, Enhanced, or Wetland Established.
- 8. NON-MATCHING PARTNERS: List all non-matching partners and contributions in the same format as for matching partners. Do not list non-match activities or acres.
- 9. BRIEF SUMMARY OF PROPOSED ACCOMPLISHMENTS: Describe the proposed project's longer term goals and short term (during the two-year project period) objectives; why the work is proposed; who will be doing what activities; where they will be doing the activities (for example, on a Refuge, on private land, near a conservation area); how they will accomplish the work (e.g., building dikes, installing water-control structures); and what, if any, Joint Venture is involved or benefiting.

III. PROPOSAL FINANCIAL PLAN (1 – 2 pages)

See <u>Appendix C</u> for a Financial Plan Table Example. See the Proposal Outline for format template.

Note: Remember that grant funds can only be used to fund activities that occur AFTER the grant proposal is received (pre-agreement period) and/or during the two year grant period. Activities completed prior to receipt of the proposal are ineligible for grant funding.

A. General Requirements

The proposal should contain a detailed budget table showing total project costs in the following format:

- Identify each tract using a consistent method on all maps and throughout the proposal. Show all costs covered by the grant, each matching partner, and each non-matching partner for all grant/match tracts. Non-match should not be listed in the table unless it has been pooled with grant/match dollars to accomplish specific grant/match acres. Tracts and activities that are entirely non-match should not be included in the table.
- For all grant expenditures, list the partner that will be spending grant funds.
- Budget categories must be line items that specifically describe project costs (e.g., "salaries," "contractor services," "equipment," or "supplies"). Similar costs can be lumped into categories (i.e.,

"equipment" as opposed to separate line items for tractor rental, backhoe rental, and 300 feet of pipe). (Note: Contractors or vendors who will be paid for goods, construction, planting or services purchased for the proposal, and individuals, are not considered sub-grantees). The "acquisition" budget category should be reserved for the land value. Other eligible acquisition costs, such as appraisals or closing costs should be labeled "Other Acquisition Costs."

- Proposals that keep grant administration, overhead, and indirect costs (activities not directly
 associated with acquisition, restoration, enhancement, or establishment) below 20% of the grant
 request are more competitive. If your organization has an officially negotiated indirect cost rate
 agreement (NICRA) with a US Federal agency, you may use your negotiated rate even when it
 exceeds 20%. However, having a cost that is lower than the negotiated rate may make your proposal
 more competitive.
- Financial plan categories must be line items that specifically describe project costs.
- Do not include categories that do not apply to your immediate, 1- or 2-year project.
- Explain any abbreviations in the Financial Plan Table
- You may show grant and one partner's contribution on one line for the same tract, but do not combine different partner contributions on the same line. For example, if there are 5 separate partners contributing to fee acquisition for a particular tract, then there should be 5 separate partner entries for that tract. Add lines to the table as needed.
- Separate match funds into "Old" (spent prior to proposal submission but not more than 2 years old) and "New" (to occur after proposal is submitted or during the Grant Agreement period).
- Show each private landowner by name, contribution amount, and tract if they are contributing to grant/match acres.
- NA in the example in <u>Appendix C</u> means "Not Applicable"
- Please check the figures listed to ensure they correspond with the budget numbers listed elsewhere in the proposal (in the Project Summary, Financial Plan, Partner letters and SF 424(s)). The amounts everywhere must agree!

B. Financial Plan Template

Use the financial plan template provided in the Proposal Outline, page 4. Modify the number of partner and activity rows as needed.

IV. PROJECT DESCRIPTION, SCOPE OF WORK, AND TIMETABLE (limit to 1-2 pages)

A. Project Description and Scope of Work

Provide short summaries containing all of the following project information:

1. Project need:

2. Purpose, goals, and objectives:

First describe the immediate, one- or two-year project. Include the overall purpose, the number of affected acres of wetlands and wetland-associated uplands with a brief description of how they will be affected, and any other information necessary to convey an understanding of what the project involves and what it will accomplish. Then, if your project is part of a broader effort, explain how this specific project fits into the bigger picture.

3. Work to be done and by whom:

4. Who owns or will own and manage affected lands?

Answer the above question and also state whether your proposal will use grant funds to acquire property and who will hold title. If the title to the property is not being transferred/donated to the National Wildlife Refuge System (NWRS), then confirm that the property in question does not lie within the boundary of a National Wildlife Refuge (NWR), Waterfowl Production Area (WPA), or Small Wetland Acquisition Program (SWAP). If you are uncertain, you can contact the realty officer

at your nearest Refuge. To find information about the Wildlife Refuges in your area, please visit: http://www.fws.gov/refuges/profiles/bystate.cfm. You can also download GIS shapefiles of the NWR acquisition boundaries by region at: http://catalog.data.gov/dataset/fws-approved-acquisition-boundariese77d9.

- **5.** For acquisition projects (including e.g., fee title, easement, contracts, leases), please list the known "rights" included with the property acquisition /donation (e.g., water rights, mineral rights):
- 6. For restoration/enhancement projects, please list the known "rights" currently held by the property or easement owner (e.g., water rights, mineral rights):
- 7. Duration of benefits:

Complete the "Acres by Longevity of Benefits" Table (see Appendix D for an example of this table)

- In Section A, <u>list the match and grant acreage</u> by activity for each tenure category.
- In Section B, list the acreage by tenure for each tract. Additionally, indicate the funding source for each tract (grant funds, new match funds, old match funds or a combination).
- Restoration and enhancement activities should not be listed under the perpetuity tenure category without exceptional and appropriate justification, relative to tenure of agreements. The expectation of maintenance does not make a restoration perpetual.
- For both sections, only use those activity rows required with your proposal. Please ensure the acreage totals provided in this table match those totals provided on the Summary Page. Also <u>include any non-add acres within parentheses</u>. **Do not include non-match acres!**

ACTIVITY	* Includes water control structures made of material other than wood. ** Includes wood water control structures and pumps.				TOTAL ACRES
	PERPETUITY	*26-99	**10-25	< 10	
SECTION A					
Fee					
Easement					
Lease					
TOTAL ACQUIRED					
RESTORED					
ENHANCED					
ESTABLISHED					
TOTAL					
SECTION B					
Tract (Funding)		_			
Tract (Funding)		_			
Tract (Funding)			·		

8. Expected results and how they will be monitored through the full duration of the benefit period:

B. Timetable

Complete the following timetable that highlights the accomplishment of major activities. The timetable should:

- Identify matching activities that were completed before the grant proposal was received (this is called old match and cannot be older than two years before 1 January of the year of proposal submission);
- Identify match and project activities to be completed either during the project period (1 or 2 years) or during the pre-agreement period, which begins the day after the proposal is received by USFWS and ends when the grant agreement is signed; and

- Provide completion dates for old match activities and estimated completion dates for new match/grant activities.
- Add or delete activity rows as necessary.

	Funding Type	Completion Date
Pre-Grant Period Activities		
Project Period Activities		

V. SMALL GRANTS EVALUATION QUESTIONS (2 pages maximum)

Briefly explain how your proposal addresses the following elements in each category. Answers to these questions will help proposal reviewers evaluate the conservation value and the strength of the proposed project. Be sure to provide clear, succinct answers which will help us understand the full benefits of the project proposed.

A. Partnerships

- Does the project involve a new partner or partnership concept?
- Is this project proposed by a new applicant who has not previously received a NAWCA grant?
- How does this project encourage additional support (e.g., new partners, funding support, local or other governmental support) for migratory bird and wetlands conservation?
- Who are the partners (**list each one**) and how are they contributing to the project (e.g., in-kind/cash match contribution, technical assistance)?

Note: All partners described here should also be listed in both the Summary Page and Financial Table. This should not just be a copy of the list of partners provided in the Summary Page. It should provide more information about the partners and their individual contributions to the project.

B. Waterfowl

• How will the completed project benefit waterfowl? Be sure to reference individual species whenever possible, especially the priority populations/species listed below.

Note: Focus on those species that the project is designed to substantially benefit. Consider the typical geographic range of the population or species; do not cite benefits for species that are casual or accidental in occurrence.

High Priority Populations/Species: Tule Greater White-fronted Goose, Dusky Canada Goose, Southern James Bay Canada Goose, Northern Pintail, Mottled Duck, American Black Duck, Mallard, Lesser Scaup, Greater Scaup.

Other Priority Populations/Species: Pacific Greater White-fronted Goose, Wrangel Island Snow Goose, Atlantic Brant, Pacific Brant, Wood Duck, Redhead, Canvasback, Ring-necked Duck, Common Eider, American Wigeon, Cackling Goose.

C. Nongame and Other Wetland-Associated Migratory Birds

• How will the completed project benefit nongame migratory birds, particularly those listed in the tables in <u>Appendix E</u>? Focus on those species that will benefit most from the project.

Note: The bird conservation plans websites provide further information (with contact information for the plan coordinators):

- Partners in Flight (songbirds): http://www.blm.gov/wildlife/pifplans.htm
- US Shorebird Conservation Plan: http://shorebirdplan.fws.gov
- North American Waterbird Conservation Plan: http://www.waterbirdconservation.org/
- Joint Venture plans: http://www.fws.gov/birds/management/bird-conservation-partnership-and-initiatives/migratory-bird-joint-ventures/joint-venture-directory.php
- North American Waterfowl Management Plan (NAWMP): http://www.fws.gov/birds/management-plans/north-american-waterfowl-management-plan.php
 - O Contact <u>Ken_Kriese@fws.gov</u> for national coordination, or contact individual Joint Venture Coordinators through the above link.

D. Endangered Species

- Will the completed project benefit any endangered birds or other endangered wildlife, including Federal and/or state-listed species?
- **Note**: A list of Federally-listed endangered and/or threatened species, maintained by the U.S. Fish and Wildlife Service, can be found here: https://www.fws.gov/endangered/.
- Address only those project activities which will contribute directly to a Federally-listed threatened/endangered species recovery plan or that will provide critical habitat for Federal or statelisted threatened or endangered species.
- Indirect, minor, or unknown benefits related to such species which may use the project area should not be included.

E. Wetland Types

- What type(s) of wetlands <u>in this project</u> will benefit from the completed work? Refer to the list of wetland types provided in Appendix F.
- Provide the total project acres/hectares and quantify, using percentages, the amount of each type of wetland involved.
- Keep the explanation clear and the numbers consistent; acre/hectare figures here must agree with those provided elsewhere in the proposal.

F. Special Considerations

Are there any special considerations, outside of sections A-E above, that you feel should be factored into project evaluation (e.g., outstanding ecological resource value, threats, historical record, opportunities, conservation trends, or benefits not represented elsewhere)?

G. Climate Change and Long-Term Conservation

Please provide a <u>brief</u> narrative describing the significance of the proposal with regard to long-term conservation, including how the project might help address climate change concerns.

H. Public Access

Briefly indicate the degree of public access (e.g., hunting, fishing, hiking) that will be allowed on the proposal grant and match tracts. If public access is not allowed, please explain why not.

VI. TRACT TABLE

- Ensure that **each** tract involved in the proposal is identified in all relevant sections of the proposal (summary table, financial table, and narratives).
- Landowner and tract names must be consistent (i.e., have the same name) throughout the proposal.

- The tract location (latitude/longitude) information in decimal degrees is mandatory.
- Should your proposal be awarded a grant, you will be asked for actual accomplishments of your proposal in this format as part of your final report. This data will be used in Government Performance Results Act reporting.

Please provide the following information for each tract.

- Tract name (use the same name throughout proposal).
- Wetland acres, upland acres, and riparian miles within each tract.
- Funding category (grant, old match, new match or combination).
- Funding source (for non-matching partner tracts, enter the partner's name and "non-match").
- The county the tract is located in.
- A central tract location point (latitude/longitude in decimal degrees)
- Title holder (name) after the project is completed.
- If an easement is acquired, give the names of both the fee and easement holders.

Tract Table:

Tract ID/ Activity	Wetland Acres	Upland Acres	Riparian Miles	Funding Category	Funding Source	County and State	Central Tract Location in Decimal Degrees	Final Title Holder
Tract/ Activity								
Tract/ Activity								
Tract/ Activity								

***Definitions** (Extracted from USFWS Strategic Plan 2000 – 2005):

- **Riparian**: A landscape position. Lands contiguous to perennial or intermittent streams, channels, and rivers. Riparian areas may include upland, wetland, and riparian plant communities. Riparian plant communities are affected by surface or subsurface hydrology of the adjacent water source. Riparian plant communities have one or both of the following characteristics: 1) distinctively different vegetative species than adjacent areas, and 2) species similar to adjacent areas but exhibiting more vigorous or robust growth forms.
- **Upland**: Land lying above the level where water flows or where flooding occurs. May include restored cropland.
- Wetland: "Wetlands are lands transitional between terrestrial and aquatic systems where the water table is usually at or near the surface or the land is covered by shallow water. For purposes of this classification wetlands must have one or more of the following three attributes: 1) at least periodically the land supports predominantly hydrophytes; 2) the substrate is predominantly undrained hydric soils; and 3) the substrate is nonsoil and is saturated with water or covered by shallow water at some time during the growing season of each year." (Cowardin et al.1979. Classification of Wetlands and Deepwater Habitats of the United States) Wetlands include areas meeting specific criteria included in the 1987 Corps of Engineers Wetlands Delineation Manual, as well as in the USDA-NRCS's National Food Security Act Manual.

VII. PARTNER CONTRIBUTION STATEMENTS

Guidelines for Partner Contribution Statements:

• To view a sample partner contribution statement, see <u>Appendix B</u>. We will only accept properly formatted Partner Contribution Statements as verification of partner match. Submitting partner letters

that do not follow the format in the guidelines will adversely affect the review of a proposal and may result in the contribution being considered non-match.

- **Each matching partner** listed in the Summary Page must complete a partner contribution letter, <u>including the applicant</u> and private landowners who provide funds or donate title to the property.
- You must also submit similar letters for each **non-matching Federal partner**.
- These letters need to be signed, dated, and submitted with the proposal.
- Each letter should state the amount of matching and non-matching funds the partner will commit.
- Failure to submit a partner letter will result in a reduction in your matching contribution by the value of said partner's contribution. If this reduction causes the grant-to-match ratio for your proposal to fall below 1:1, your proposal will be ineligible.
- You are encouraged to submit letters for non-federal non-matching partners, especially if the non-matching contribution is of significant value in relation to the requested grant funds.
- If you want to show support from non-funding sources, do not send statements, but instead include a statement in the proposal such as "To illustrate the overwhelming support for this proposal, we have 10 letters on file from landowners and State and Federal representatives."
- The applicant's statement should not be a cover or transmittal sheet for the proposal.
- The contribution amount on the statement must be the same as the amount shown in the proposal for that partner. If the amount differs in any section of the proposal or on the statement, the lesser of the two will be considered the partner's contribution. If there are many such inconsistencies in the proposal, it will be returned as ineligible.

VIII. MAP(S) OF PROJECT AREA (2 pages maximum)

Maps are critical sections of the proposal. Well-constructed and informative maps can have a significant impact on understanding the scope and significance your proposal has to wetland conservation. This understanding will be reflected in the scoring process.

Provide at least one map of the project area. If the project area is large and cannot be included on just one map then an additional map is preferred. At minimum, provide a map that includes the location of all grant and match tracts in the proposal as well as an overall proposal project area. The map(s) should include:

- Proposal title
- Location of the ENTIRE proposal area (all grant, match, non-match tracts, and project area) within State(s) and counties
- Identification and location of all fee-title, easement and lease tracts (or acquisition priority areas, if tracts have not been identified)
- Identification and location of all restoration and enhancement tracts, major water control structures and other major restoration/enhancement features
- A legend
- Map scale
- A north directional arrow
- Location of natural features (rivers, lakes) to show how the proposal fits into the natural landscape
- Location of previous grant and future proposal sites
- If applicable and possible, show where the proposal is in relation to a larger wetlands conservation project (show larger project boundary and boundary of current proposal).
- Maps should be in color

IX. STANDARD FORM-424 AND SF-424D FORMS

The SF-424D Assurances for Construction Projects form is required for all NAWCA projects (any project that involves acquisition, restoration, enhancement, or establishment is considered a construction project).

All applicants, except the U.S. Fish and Wildlife Service and other Federal Agencies, are required to submit a completed Application for Federal Assistance (SF-424) AND Assurances Construction Programs (SF-424D) form along with their proposal application. You can access and submit the forms through the Grants.gov website http://www.grants.gov/web/grants/forms/sf-424-family.html#sortby=1 (see page 2 for guidance on Grants.gov):

• SF-424 Application for Federal

Assistance: http://apply07.grants.gov/apply/forms/sample/SF424_2_1-V2.1.pdf

• SF-424D Assurances for Construction

Projects: http://apply07.grants.gov/apply/forms/sample/SF424D-V1.1.pdf

Instructions can be accessed at: http://www.grants.gov/web/grants/form-instructions.html

Use the most current version of the SF-424 form. We will only accept the updated form. It is necessary to obtain a DUNS number from Dun and Bradstreet in order to apply for any Federal grant. **The address on an applicant's SF-424** (#8d) must match the address associated with DUNS number (#8c)! Instructions for obtaining a DUNS number are found at the grants.gov website above. The following instructions for completing the SF424 to accompany a NAWCA proposal supersede those on the back of the SF-424.

CELL NUMBER and TITLE	INSTRUCTIONS
1. Type of Submission	Check "Application"
2. Type of Application	Check "New "
3. Date Received	Leave blank
4. Applicant Identifier	Leave blank
5. a. Employer Identification	Leave blank
5 .b. Federal Award Identifier	New applications leave blank
6. Date Received by State	Leave blank
7. State Application Identifier	Leave blank
8. (a-e) – Applicant Information	See instructions "c." *DUNS # required
9. Type of Applicant	See instructions
10. Name of Federal Agency	Enter "U.S. Fish and Wildlife Service"
11. Catalog of Federal Domestic Assistance Number and Title	Enter "15.623" and "NAWCA U.S. SMALL GRANTS"
12. Funding Opportunity Number/Title:	Enter "15.623" and "NAWCA U.S. SMALL GRANTS"
13. Competition Identification Number/Title:	Leave blank
14. Areas Affected by Project	Enter only information for "Counties and States" that the
	tract(s) are included in; if tract(s) are unknown then list all
	of the project area
15. Descriptive Title of Applicant's Project	Enter title used in Part 1 of proposal.
16. Congressional Districts of Applicant/Project	See instructions
17. Proposed Project Start and End Dates	See instructions
18. Estimated Funding	Do not include non-match \$. In "a", only include
	NAWCA grant \$. In "b-e", only include matching partner
	\$. For "e-Other", include private organizations, etc. Leave
	"f-program income" blank
19. Is Application Subject to Review by State EO	Only applicable to states. Please
12372 Process?	visit: https://www.whitehouse.gov/omb/grants_spoc

CELL NUMBER and TITLE	INSTRUCTIONS	
20. Is Applicant Delinquent on any Federal Debt?	See instructions	
21. Authorized Representative	SIGNATURE AND DATE REQUIRED by the	
	authorized representative of the applicant organization.	
	We will not accept a typed signature. Please scan signed	
	document or insert an electronic signature and send	
	electronically as part of the proposal application.	
	Downloads from Grants.gov must also be signed as noted	

ATTACHMENTS

Include the following additional elements after the narrative proposal, in this order. Create a single PDF file of all elements, and email the full proposal to FWS. This file should not be larger than 25MB.

- 1. Copies of existing easements, leases, and deeds, and models/templates for easements and leases to be acquired during the project period.
- 2. Signed, Negotiated Indirect Cost Rate agreement, if applicable
- **3.** Copy of SF-LLL, Disclosure of Lobbying Activities Form (required only if the applicant has lobbying activities to disclose). For more information go to: http://www.whitehouse.gov/sites/default/files/omb/grants/sfillin.pdf.
- **4.** Statement regarding applicability of and compliance with OMB Circular A-133 Single Audit Reporting (see cover page). EXCEPTION: If A-133 applies to you, send the most recent audit as a separate attachment when submitting proposal.
- **5.** GIS Shapefile:
 - Please provide a single GIS shapefile that was used to create the maps. The shapefile submitted should use a GCS_WGS_1984 projection and the attribute table should contain a name for each polygon which corresponds to a tract listed in the proposal tract table.
 - Only one GIS shapefile should be submitted for each proposal. The shapefile must be a polygon(s), not points or lines.
 - Submit the shapefile as a <u>.zip file</u>. The submitted shapefile should have these file extensions, at minimum: .shp, .dbf, .shx, .prj, .xml. Any other extensions that are submitted are extra, but do not delete these.
 - The shapefile may contain multiple polygons representing the location of each of the tracts involved in the project, but must, at minimum, contain a polygon of the overall project area.

The attribute table should very closely resemble the tract table, with a few exceptions. The shapefile should contain the Project Name, Total Acreage (you do not need to break out the wetland/upland acres), and Project Area entry. Tract Name is optional if you have instead been using Tract ID throughout the proposal. The other fields are mandatory and should follow these field property *suggestions*:

- FID automatically assigned
- Shape Polygon. If your shapefile is in Polygon ZM format, please convert it to a standard Polygon.
- PROJ_NAME Text; Length:100
- TRACT_ID Text; Length:25. Tract ID should match the ID used throughout the proposal and Tract Table. You may leave this field entry blank for the Project Area.
- ACTTYPE Text; Length: 50. List the abbreviated activity per tract using this key: FA = Fee Acquired, FD = Fee Donated, EA = Easement Acquired, ED = Easement Donated, LA = Lease Acquired, LD = Lease Donated, RS = Restored, EN = Enhanced, WE = Wetland Established. You may leave this field entry blank for the Project Area.
- TRACT_NAME Optional. Text; Length:50. You may leave this field entry blank for the Project Area.
- ACREAGE Double; Default Precision and Scale. *Total acreage of wetland and upland components. You may leave this field entry blank for the Project Area.*
- FUNDING Text; Length:50. Funding category (Grant, Old Match, New Match, Non-Match). You may leave this field entry blank for the Project Area.
- COUNTY Text; Length:50. You may leave this field entry blank for the Project Area.

- STATE –Text; Length:10. Two letter state abbreviation. You may leave this field entry blank for the Project Area.
- LATITUDE Double; Default Precision and Scale
- LONGITUDE Double; Default Precision and Scale
- HOLDER Text; Length: 50 Final Title Holder. You may leave this field entry blank for the Project Area.

Any additional attribute fields submitted will be considered extra information. For tracts that will be determined at a time after the project is funded, please still list the tract in the attribute field. Assign the tract with the same geographical boundary as the Project Area. If you are undertaking a project where the exact activity location cannot be determined at the time of proposal (i.e., easement acquisition in the prairie potholes), then include a single polygon which encompasses the larger project area where the activities are targeted to occur.

If you do not have access to a GIS software, there are several free alternatives available. Please send us a .kmz file of the project area and tracts.

- Google Earth Pro: http://www.google.com/earth/download/gep/agree.html
- Esri ArcGIS Earth: http://www.esri.com/software/arcgis-earth
- QGIS: http://www.qgis.org/en/site/

Appendix A: Cost Eligibility

All Eligible costs must be directly linked to eligible acquired, restored, enhanced, or established acres that are completed DURING the project period.

Grant funds may be used for project activities necessary to meet proposal objectives that occur:

- during the two-year project period (starting the date in which the grant agreement is signed); or
- during the pre-agreement period (after the proposal is received but before the grant agreement is signed).

Note: Project costs incurred after receipt of the proposal **will not** be reimbursed if the proposal is not approved for funding. **In addition**, project activities that occur before the receipt of the proposal are ineligible as a grant activity and will not be reimbursed with grant funds.

Grant funds can only be used for activities that occur from the day the grant proposal is received by the USFWS through the end of the grant period. In addition, all activities (grant or match) MUST be completed before the end of the two year grant period.

The 2 CFR 200 describes the requirements you must follow. Click to read it here: "<u>Uniform Administrative Requirements for Grants and Cooperative Agreements with Institutions of Higher Education, Hospitals, and Other Non-Profit Organizations</u>".

Specific examples of costs that are eligible to be paid with NAWCA Grant Funds:

- **I.** Acquisition: This category includes fee-title acquisition and donation (transfer of title), conservation easement and lease acquisition and donation; appraisal fees; acquisition negotiations; acquisition legal costs; boundary surveys; travel and transportation, and annual payments for 10 year conservation agreements (or the maximum duration allowed by state law).
- A. Easement and lease conditions should address the following points. Organizations and agencies are encouraged to adopt and implement the practices and procedures described in the <u>Land Trust Alliance's Land Trust Standards and Practices</u> (from <u>www.lta.org</u>).
- B. The acquisition must be completed before the end of the project period.
- C. A Notice of Grant Requirements will be recorded for tracts.
- D. Property acquisition costs are incurred at the time of transfer of title, not when signing a purchase agreement. Therefore, a contractual obligation to purchase real property (purchase agreement, etc.) may be made at any time and, as long as title is transferred after the proposal is received, the costs associated with the purchase can be reimbursed with grant funds.
- E. All real property acquisitions must be from willing sellers. Prior to making an offer for the property, the buyer must inform the seller that the buyer will be unable to acquire the property in the event negotiations fail to result in an amicable agreement and must inform the seller what the buyer believes to be the market value of the property. If the buyer is an agency that has eminent domain authority, then additional assurances will be required to be in the notice (see appropriate standards and regulations).
- **II. Wetland restoration:** The manipulation of the physical, chemical and/or biological characteristics of a site with the goal of returning natural/historic functions to a former or degraded wetland is considered restoration. Restoration can further be defined as either <u>re-establishment</u> (returning natural/historic functions to a former wetland resulting in a gain in wetland acres) or <u>rehabilitation</u> (repairing natural/historic functions of a highly degraded wetland resulting in no gain in wetland acres). Rehabilitation is considered a one-time action.

This category includes engineering and design costs that lead to restoration activities occurring during the

project period or allowed as old match, travel and transportation, material and supply costs, and equipment (including all-terrain vehicles) with a current value of \$5,000 or more secured by the most cost-effective and feasible method. See the applicable CFR information cited above and the following decision tree for equipment valuation. This category does not include periodic repair/maintenance activity. This category does include restoration work on upland associated habitat.

III. Wetland enhancement: The manipulation of the physical, chemical and/or biological characteristics of a wetland site to improve specific functions of the wetland is enhancement. The result produces no gain in wetland acres.

This category includes the same eligible costs as restoration above, plus nest boxes; habitat islands; and initial land management costs caused by the proposal (e.g., fencing and signing). This category does not include periodic repair/maintenance activity. This category does include enhancement work on upland associated habitat.

IV. Wetland establishment: The manipulation of the physical, chemical and/or biological characteristics present to develop a wetland that did not previously exist. The result produces a gain in wetland acres. This category includes the same eligible costs as restoration above.

V. Other: Direct long-term wetlands conservation work (e.g., administering the NAWCA grant agreement; conducting required state and Federal compliance activities [e.g., permits, National Environmental Policy Act compliance, and contaminants surveys]; and conducting work that cannot easily be assigned to other activity categories).

VI. Indirect costs: These costs are different from directly attributable administrative costs and must be supported by a negotiated Indirect Cost rate approved by the Federal government.

- Organizations (except State and local governments or tribes) can charge up to 10% indirect cost rate indefinitely and are not contingent on any intent to get a negotiated indirect cost rate agreement(NICRA), provided that they have never had a NICRA before. See also 2CFR 200414(f).
- Indirect costs can be charged on surveys and appraisals but not on acquisition cost or title work.

VII. **Salary costs:** (with the exception of travel expenses) associated with USFWS Term/Temporary/Seasonal/Intermittent Employees actively working on NAWCA projects.

<u>Matching Funds</u>: Generally, all items listed as eligible grant costs are also eligible as match costs. The following list describes certain additional conditions for costs to be eligible as NAWCA Match. Matching funds may be used for project activities necessary to meet proposal objectives that occur <u>either</u>:

- During the two-year project period (starting the date in which the grant agreement is signed)
- During the pre-agreement period (after the proposal is received but before the grant agreement is signed)
- No earlier than 2 years prior to the date the proposal is submitted (back to beginning of calendar year),

And they:

- Must at least equal the grant request
- Must be documented by a signed and dated Partner letter
- May have as its source the Indian Self-Determination and Educational Assistance Act, P.L. 93-638, of 1975
- Must not be of Federal origin (money from the National Fish and Wildlife Foundation and U.S. Fish and Wildlife Service's Federal Aid program are of Federal origin)

- Must not have been used to match other Federal grants, including grants from the National Fish and Wildlife Foundation and U.S. Fish and Wildlife Service
- Must not be reimbursed by NAWCA or by another organization claiming the expense as a match for
 the project, but instead must be permanently dedicated to a project proposal and committed by the
 proposal due date. For example, if an organization funds an acquisition but is later reimbursed by a
 different organization, the value of the acquisition can be counted as match only once, (that is, only
 one of the two organizations counts as contributing the match).
- May include monitoring and evaluation costs, only if results will be used to improve wetlands conservation activities at project sites during the project period
- May be donated title to real property where the donation increases resource values of the proposal or protection or management of wetlands and migratory bird values
- May be the fair rental value of loaned equipment
- May be easement stewardship or endowment costs, if the funds are in an account dedicated solely to
 easement stewardship and are for activities such as easement defense as opposed to management of
 fee title properties
- May have incurred prior to grant execution such as:
 - 1. appraisal fees, acquisition negotiations, land acquisition legal costs;
 - 2. boundary surveys;
 - 3. engineering and project design;
 - 4. required state and Federal compliance activities;
 - 5. travel and transportation;
 - 6. consulting fees; and/or special studies.

Additional conditions for match:

- Readiness and Environmental Protection Integration (REPI) and RESTORE Act funds will be allowed and considered as eligible Federal match funds as long as the associated acquisition documents clearly identify subordination to U.S. Fish and Wildlife Service.
- May be Department of the Interior (DOI) Natural Resource Damage Assessment and Restoration (NRDAR) Fund (Fund) monies:
 - **A.** if wetlands mitigation required under Water Resources Development Act (including Clean Water Act, Rivers and Harbors Act, etc.) or Fish and Wildlife Coordination Act is not part of the NRDAR-funded work,
 - **B.** if the work <u>significantly</u> contributes to the wetlands protection objectives of the proposal, **C.** if the monies have been or will be deposited pursuant to a joint and indivisible recovery by the DOI and non-Federal trustees under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) and the Oil Pollution Act (OPA),
 - **D.** if the monies were or will be transferred to a non-Federal trustee who has joint and binding control over the funds (the non-Federal trustee may transfer it to another entity, but that could affect whether it's an eligible match based on such considerations as: Did the trustee's transfer of the money comply with the trustee's own laws and regulations regarding any State or tribal grant, cooperative agreement, or contracting statute or regulations?),
 - **E.** if the co-trustees agree that monies from the Fund should be made available to the non-Federal trustee and allowed to be proffered as a non-Federal match to accomplish an appropriate project consistent with the settlement agreement and the provisions of CERCLA and OPA, and if the factors above are addressed in a letter submitted with the proposal from the non-Federal trustee; if a letter is not included, the match will be ineligible.
- May be congressionally appropriated funds if legislative language specifically characterizes the appropriated funds as "non-Federal" for certain designated purposes that would include NAWCA objectives. The grant applicant should provide ample evidence in the proposal regarding the non-Federal nature of the match. For example, P.L. 103-434, the Pacific Northwest Electric Power

Planning and Conservation Act, provides an exception that allows Bonneville Power Administration rate payer funds to be used as non-Federal funds for purposes of matching Federal dollars to fund projects that promote conservation of wildlife and fisheries resources, including wetlands, while improving water quality and availability in the Yakima River Basin.

Additional Eligible Costs: Grant and matching funds may be used to pay for or have as their source project expenses directly associated with land acquisition (fee-title, conservation easement, lease or donation), long-term wetland restoration, enhancement, or wetlands creation. Expenses must be:

- necessary and reasonable for the proper administration of the project;
- documented and verifiable from the grantee's and sub-grantees' records;
- representative of fair market value (in the case of acquisitions, the appraised value);
- a special expense caused by the project;
- the result of work done on-site(s) and:
 - o within the same wetlands system (e.g., watershed or river basin), and/or
 - o managed to meet the same wetland objectives, and/or
 - o that are close to each other;
- distinctly identified as an undivided interest of the total acres involved when part of a larger project supported with non-match funds; and
- salary and labor of employees hired to manage the project after the grant agreement is developed.

Grant and matching funds may be used to pay for or have as their source the following project expenses:

- equipment expenses that are pro-rated;
- material and supply costs;
- previous monitoring and/or evaluation of wetlands conservation activities if the results are critical to the design of a submitted proposal; and
- initial management costs.

<u>Non-Matching Funds</u>: when funds that do not qualify as NAWCA match, including money from other Federal agencies, are used to accomplish mutual and/or complementary objectives, these funds may be included in the final proposal but must be noted throughout the proposal as non-match funds.

Ineligible Grant Costs:

- Work completed prior to submission of the proposal <u>completed projects/activities are not eligible</u> for retroactive funding
- Stewardship costs
- Evaluation costs
- Interests on a loan
- Proposal administrative salary costs incurred prior to grant execution are not eligible for grant funding
- Costs related to enrollment of participants in other Federal conservation programs

Ineligible Grant and Match Costs:

- Unless a Grant or Match cost is explicitly allowed, the cost should be assumed to be ineligible unless otherwise informed in writing by USFWS/DBHC.
- Actions that will put credits into wetlands mitigation banks;
- Mitigation activity required by Federal, state, or local wetland regulations. Federal mitigation activity
 includes compliance under the Fish and Wildlife Coordination Act of 1934, as amended, or the Water
 Resources Development Act of 1986, as amended. This includes mitigation required by the U.S.
 Army Corps of Engineers related to development or management of water resources (such as, but not

limited to, Section 404 of the Federal Water Pollution Control Act or Section 10 of the Rivers and Harbors Act), actions to benefit fish and wildlife resources that are required as part of a settlement or relicensing of an energy project under the Federal Power Act, compensation required under the Federal Water Projects Recreation Act, and others that may not be listed here. Contact us if you are unsure.

- Funds that have been successfully used to match another Federal grant. This restriction includes Federal aid to states grants (i.e., State Wildlife Grants); Coastal Wetlands Planning, Protection, and Restoration Act grants; Endangered Species Act grants, Partners for Fish and Wildlife (private lands) grants, and others. Please contact us if you are unsure.
- Exxon Valdez Oil Spill (EVOS) funds
- Contingencies
- Routine expenses of the contributor
- Salaries and travel expenses for permanent, full time Federal employees
- Conservation education materials or salaries
- Project planning and proposal development, including experiments, studies, or other investigations to document the project's resource value
- Non-proposal specific communication products
- Fundraising
- Law enforcement
- Research
- Boat ramps, parking lots, roads, and other public access work
- Observation towers and blinds
- Routine operations and maintenance salaries and costs
- Building construction, repairs, and value of donated property
- The value of existing residences, structures, and buildings unnecessary for wetland conservation purposes and the cost to construct, remove, or repair same
- Acquisition of vehicles (note that all-terrain vehicles are considered equipment if the acquisition cost is more than \$5,000 per unit)
- Acquisition of tractors and other equipment if it would be more cost effective to rent, lease, or use equipment on hand;
- Loss of income (e.g., lost grazing revenue)
- Costs over the appraised value for fee-title and easement acquisitions
- Short-term annual conservation activities, such as predator management
- Monitoring and inventory activities not specifically related to wetland conservation actions during the project period
- Land-owner incentive payments
- An easement that is subordinate to a mortgage or lien
- Unless your approved negotiated indirect costs rate agreement specifically allows it, indirect costs calculated on a base that includes the following are ineligible:
 - 1. Subgrants (subawards), major subcontracts, any in-kind match provided by a party other than the applicant.
 - 2. Non-match, in-kind match from partners other than the partner with the negotiated indirect costs rate agreement contributions from Federal agencies and other items that "distort" the cost base.
 - 3. The purchase price of interests in real property and the cost to put it into place, including legal and administrative fees associated directly with the transfer of the property.
 - 4. The purchase price of equipment with an acquisition cost of \$5,000 or more per unit and a useful life of more than one year (consistent with the recipient policy, lower limits may be established).

Appendix B: Sample Partner Contribution Statement

We will only accept properly formatted Partner Contribution Statements as verification of partner match. Submitting partner letters that do not follow the format in the guidelines will adversely affect the review of a proposal and may result in the contribution being considered as non-match.

Partner Contribution Letter Template:

NAWCA SMALL GRANT PARTNER CONTRIBUTION STATEMENT

What is the title of the proposal that you are contributing to?

What is the name of your organization (private landowners indicate "Private")?

When will you make the contribution?

What is the value of your contribution and how did you determine the value? Does the contribution have a non-Federal origin? If this is based on a fund-raising event or other future action, if that future action fails, will you still provide the contribution amount?

What long-term migratory bird and wetlands conservation work will the contribution cover?

Does the proposal correctly describe your contribution, especially the amount?

If applicable to the proposal, is your organization competent to hold title to, and manage, land acquired with grant funds and are you willing to apply a Notice of Grant Agreement or other recordable document to the property?

Please confirm that your contribution has not been used to meet any other Federal programs match or cost share requirements.

Do you have any additional comment

Signature:

Your Name (printed), Title, and Affiliation:

Date Signed:

Appendix C: Financial Plan Table Example

PROPOSAL FINANCIAL TABLE

		JI ODILL I II WIII					
		MATCHING & NON-MATCHING PARTNERS					
		ABBREVIATED	OLD	NEW		TRACT	NON-
ACTIVITIES	GRANT \$	PARTNER NAME	MATCH \$	MATCH \$	TOTAL \$	ID	MATCH \$
Land Costs: Fee acquired	\$59,000	TPL		\$1,000	\$60,000	1	
Appraisals & Other Acquisition Costs		PGCLC	\$2,750		\$2,750	1	
Non-Contract Personnel & Travel		DU	\$700		\$700	1	
TOTAL ACQUIRED	\$59,000		\$3,450	\$1,000	\$63,450		\$0
Contracts	\$7,500	CPRA	\$127,200		\$134,700	1	
Contracts	\$7,500	TPL	\$135		\$7,635	2	
Materials & Equipment		DU	\$1,000		\$1,000	1	
Materials & Equipment		FWS				2	\$1,000
Non-Contract Personnel & Travel		DU	\$1,400		\$1,400	1,2	
TOTAL RESTORED	\$15,000		\$129,735		\$144,735		\$1,000
GRAND TOTAL DIRECT	\$74,000		\$133,185	\$1,000	\$208,185		\$1,000
TOTAL INDIRECT	\$1,000	DU	\$200		\$1,200		
GRAND TOTAL	\$75,000		\$133,385	\$1,000	\$209,385		\$1,000
The Trust for Public Land	NA	TPL	\$135	\$1,000	\$1,135	NA	
Coastal Protection and Restoration Authority of							
Louisiana	NA	CPRA	\$127,200		\$127,200	NA	
Ducks Unlimited	NA	DU	\$3,300		\$3,300	NA	,
Partnership for Gulf Coast Land Conservation	NA	PGCLC	\$2,750		\$2,750	NA	
U.S. Fish and Wildlife Service	NA	FWS			\$0	NA	\$1,000
GRAND TOTAL	\$75,000	NA	\$133,385	\$1,000	\$209,385	NA	\$1,000

Remember:

- If more than one tract per activity, list each on separate line (i.e., if two tracts are both acquiring in fee, list each on a separate line)
- Delete or add activity rows as they apply (i.e., if no "restoration" delete those rows)
- The Financial Plan should agree with the Summary in Section II and the Tract Table in Section VI
- If equipment is being rented or leased. Identify under the table what type of equipment.

Appendix D: Acres by Longevity of Benefits Table Example

ACTIVITY	* Includes water control ** Includes wood	TOTAL ACRES			
	PERPETUITY	*26-99	**10-25	< 10	
SECTION A					
Fee	100				100
TOTAL ACQUIRED	100				100
RESTORED		50	(20)		50(20)
ENHANCED		80			80
TOTAL	100	130	(20)		230 (20)
SECTION B					
Tract:1 (Grant + new match)	100		(20)		100(20)
Tract 2 (old match)		50			50
Tract 3 (new match)		80			80

Remember:

- In Section A, <u>list the match and grant acreage</u> by activity for each tenure category.
- In Section B, list the acreage by tenure for each tract. Additionally, indicate the funding source for each tract (grant funds, new match funds, old match funds or a combination).
- Restoration and enhancement activities should not be listed under the perpetuity tenure category without exceptional and appropriate justification, relative to tenure of agreements. The expectation of maintenance does not make a restoration perpetual.

For both sections, only use those activity rows required with your proposal. Please ensure the acreage totals provided in this table match those totals provided on the Summary Page. Also <u>include any non-add</u> acres with parentheses. **DO NOT INCLUDE NON-MATCH ACRES.**

Appendix E: Bird Conservation Regions And Proposal Section V-C Priority NAWCA Species

BCR 1 ALEUTIAN/BERING SEA ISLANDS	BCR 2 WESTERN ALASKA	BCR 3 ARCTIC PLAINS AND MOUNTAINS
Red-faced Cormorant	Red-throated Loon	Red-throated Loon
Pelagic Cormorant	Yellow-billed Loon	Yellow-billed Loon
Black Oystercatcher	Red-faced Cormorant	Whimbrel
Rock Sandpiper (<i>ptilocnemis</i> ssp.)	Pelagic Cormorant	Bar-tailed Godwit
Red-legged Kittiwake	Black Oystercatcher	Red Knot (roselaari ssp.)
Aleutian Tern	Solitary Sandpiper	Dunlin (arcticola ssp.)
Arctic Tern	Lesser Yellowlegs	Buff-breasted Sandpiper
Marbled Murrelet	Whimbrel	Arctic Tern
Kittlitz's Murrelet	Bristle-thighed Curlew	Arctic Terri
Whiskered Auklet	Hudsonian Godwit	
Whiskered Auklet	Bar-tailed Godwit	
	Marbled Godwit	
	Red Knot (roselaari ssp.)	
	Rock Sandpiper (ptilocnemis ssp.) (nb)
	Dunlin (arcticola ssp.) (nb)	
	Short-billed Dowitcher	
	Aleutian Tern	
	Arctic Tern	
	Marbled Murrelet	
	Kittlitz's Murrelet	
BCR 4 NORTHWESTERN	BCR 5 NORTHERN PACIFIC	BCR 9 GREAT BASIN
INTERIOR FOREST	RAINFOREST	
Horned Grebe	Yellow-billed Loon (nb)	Eared Grebe (nb)
Solitary Sandpiper	Western Grebe (nb)	Bald Eagle
Lesser Yellowlegs	Red-faced Cormorant	Yellow Rail
Whimbrel	Pelagic Cormorant (<i>pelagicus</i> ssp.)	Snowy Plover
Bristle-thighed Curlew	Bald Eagle	Long-billed Curlew
Hudsonian Godwit	Black Oystercatcher	Marbled Godwit (nb)
Red Knot (roselaari ssp.)	Solitary Sandpiper (nb)	Yellow-billed Cuckoo
Rock Sandpiper (ptilocnemis ssp.) (nb)	Lesser Yellowlegs (nb)	Black Swift
Short-billed Dowitcher	Whimbrel (nb)	Calliope Hummingbird
Olive-sided Flycatcher	Long-billed Curlew (nb)	Lewis's Woodpecker
Rusty Blackbird	Hudsonian Godwit (nb)	Willow Flycatcher
	Marbled Godwit (nb)	Tricolored Blackbird
	Red Knot (<i>roselaari</i> ssp.) (nb)	
	Short-billed Dowitcher (nb)	
	Aleutian Tern	
	Caspian Tern	
	Arctic Tern	
	Marbled Murrelet	
	Kittlitz's Murrelet	
	Black Swift	
	Rufous Hummingbird	
	Olive-sided Flycatcher	
	Willow Flycatcher	
	· ·	DCD 14 DODDLI VI DDWOOD
BCR 10 NORTHERN ROCKIES	BCR 11 PRAIRIE POTHOLES	BCR 12 BOREAL HARDWOOD
		TRANSITION
Bald Eagle	Horned Grebe	Pied-billed Grebe
Swainson's Hawk	American Bittern	Horned Grebe (nb)
Long-billed Curlew	Least Bittern	American Bittern

Yellow-billed Cuckoo	Bald Eagle	Bald Eagle
Black Swift	Swainson's Hawk	Yellow Rail
Calliope Hummingbird	Yellow Rail	Solitary Sandpiper (nb)
Lewis's Woodpecker	King Rail	Whimbrel (nb)
Olive-sided Flycatcher	Solitary Sandpiper (nb)	Hudsonian Godwit (nb)
Willow Flycatcher	Long-billed Curlew	Marbled Godwit (nb)
	Hudsonian Godwit (nb)	Red Knot (rufa ssp.) (nb)
	Marbled Godwit	Buff-breasted Sandpiper (nb)
	Buff-breasted Sandpiper (nb)	Short-billed Dowitcher (nb)
	Short-billed Dowitcher (nb)	American Woodcock
	American Woodcock	Black Tern
	Black Tern	Common Tern
	Short-eared Owl	Red-headed Woodpecker
	Red-headed Woodpecker	Olive-sided Flycatcher
	Nelson's Sharp-tailed Sparrow	Wood Thrush
		Golden-winged Warbler
		Canada Warbler
		Henslow's Sparrow
		Rusty Blackbird
BCR 13 LOWER GREAT	BCR 14 ATLANTIC NORTHERN	BCR 15 SIERRA NEVADA
LAKES/ST. LAWRENCE PLAIN	FORESTS	
Pied-billed Grebe	Red-throated Loon (nb)	Bald Eagle
Horned Grebe (nb)	Pied-billed Grebe	Black Swift
American Bittern	Horned Grebe (nb)	Calliope Hummingbird
Least Bittern	Great Cormorant (nb)	Lewis's Woodpecker
Black-crowned Night-Heron	American Bittern	Olive-sided Flycatcher
Bald Eagle	Least Bittern	Willow Flycatcher
King Rail	Snowy Egret	
Solitary Sandpiper (nb)	Bald Eagle	
Lesser Yellowlegs (nb)	Yellow Rail	
Whimbrel (nb)	Solitary Sandpiper (nb)	
Hudsonian Godwit (nb)	Lesser Yellowlegs (nb)	
Marbled Godwit (nb)	Whimbrel (nb)	
Red Knot (rufa ssp.) (nb)	Hudsonian Godwit (nb)	
Semipalmated Sandpiper (Eastern) (nb)	Red Knot (rufa ssp.) (nb)	
Buff-breasted Sandpiper (nb)	Semipalmated Sandpiper (Eastern) (nb)	
American Woodcock	Purple Sandpiper (nb)	
Black Tern	American Woodcock	
Common Tern	Arctic Tern	
Short-eared Owl (nb)	Olive-sided Flycatcher	
Red-headed Woodpecker	Wood Thrush	
Wood Thrush	Blue-winged Warbler	
Blue-winged Warbler	Canada Warbler	
Golden-winged Warbler	Nelson's Sharp-tailed Sparrow	
Cerulean Warbler	Saltmarsh Sharp-tailed Sparrow	
Canada Warbler	Rusty Blackbird	
Henslow's Sparrow		
BCR 16 SOUTHERN	BCR 17 BADLANDS AND	BCR 18 SHORTGRASS
ROCKIES/COLORADO PLATEAU	PRAIRIES	PRAIRIE
Gunnison Sage Grouse	Horned Grebe	Bald Eagle
American Bittern	American Bittern	Snowy Plover
Bald Eagle	Bald Eagle	Long-billed Curlew
Snowy Plover	Yellow Rail	Lewis's Woodpecker
Long-billed Curlew	Long-billed Curlew	Willow Flycatcher
Yellow-billed Cuckoo	Marbled Godwit	Bell's Vireo
Lewis's Woodpecker	Short-eared Owl	
Willow Flycatcher	Lewis's Woodpecker	
	Red-headed Woodpecker	
BCR 19 CENTRAL MIXED GRASS	BCR 20 EDWARDS PLATEAU	BCR 21 OAKS AND PRAIRIES
PRAIRIE		
LIMIL		

Little Blue Heron	Bald Eagle	Little Blue Heron
Mississippi Kite	Long-billed Curlew (nb)	Swallow-tailed Kite
Bald Eagle	Harris's Sparrow (nb)	Bald Eagle
Swainson's Hawk	Orchard Oriole	Black Rail (nb)
Black Rail		King Rail
King Rail		Long-billed Curlew (nb)
Snowy Plover		Hudsonian Godwit (nb)
Solitary Sandpiper (nb)		Buff-breasted Sandpiper (nb)
Long-billed Curlew		American Woodcock
Hudsonian Godwit (nb)		Red-headed Woodpecker
Marbled Godwit (nb)		Bell's Vireo
Buff-breasted Sandpiper (nb)		Swainson's Warbler
Short-billed Dowitcher (nb)		Henslow's Sparrow (nb)
Red-headed Woodpecker		Harris's Sparrow (nb)
Bell's Vireo		Orchard Oriole
Henslow's Sparrow		
Harris's Sparrow (nb)		
BCR 22 EASTERN TALLGRASS	BCR 23 PRAIRIE HARDWOOD	BCR 24 CENTRAL
PRAIRIE	TRANSITION	HARDWOODS
Pied-billed Grebe	Pied-billed Grebe	
		Bald Eagle
Horned Grebe (nb)	Horned Grebe (nb)	Black Rail
American Bittern	American Bittern	King Rail
Least Bittern	Bald Eagle	Solitary Sandpiper (nb)
Black-crowned Night-Heron	Yellow Rail	Buff-breasted Sandpiper (nb)
Bald Eagle	King Rail	American Woodcock
Black Rail	Solitary Sandpiper (nb)	Short-eared Owl (nb)
King Rail	Whimbrel (nb)	Red-headed Woodpecker
Solitary Sandpiper (nb)	Hudsonian Godwit (nb)	Bell's Vireo
Whimbrel (nb)	Marbled Godwit (nb)	Sedge Wren
Hudsonian Godwit (nb)	Red Knot (roselaari ssp.) (nb)	Wood Thrush
Marbled Godwit (nb)	Red Knot (rufa ssp.) (a) (nb)	Blue-winged Warbler
Red Knot (roselaari ssp.) (nb)	Buff-breasted Sandpiper (nb)	Cerulean Warbler
Red Knot (rufa ssp.) (a) (nb)	Short-billed Dowitcher (nb)	Swainson's Warbler
Buff-breasted Sandpiper (nb)	American Woodcock	Kentucky Warbler
Short-billed Dowitcher (nb)	Black Tern	Henslow's Sparrow
American Woodcock	Common Tern	LeConte's Sparrow (nb)
Black Tern	Short-eared Owl (nb)	Painted Bunting
Common Tern	Red-headed Woodpecker	Rusty Blackbird (nb)
Short-eared Owl (nb)	Willow Flycatcher	
Red-headed Woodpecker	Marsh Wren	
Acadian Flycatcher	Blue-winged Warbler	
Bell's Vireo	Golden-winged Warbler	
Wood Thrush	Cerulean Warbler	
Blue-winged Warbler	Henslow's Sparrow	
Cerulean Warbler	Bobolink	
Prothonotary Warbler	Rusty Blackbird (nb)	
Kentucky Warbler		
Henslow's Sparrow		
Rusty Blackbird (nb)		
BCR 25 WEST GULF COASTAL	BCR 26 MISSISSIPPI ALLUVIAL	BCR 27 SOUTHEASTERN
PLAIN/ OUACHITAS	VALLEY	COASTAL PLAIN
Least Bittern	American Bittern (nb)	Red-throated Loon
Little Blue Heron	Least Bittern	American Bittern (nb)
Swallow-tailed Kite	Swallow-tailed Kite	Least Bittern
Bald Eagle	Bald Eagle	Roseate Spoonbill (nb)
Yellow Rail (nb)	Yellow Rail (nb)	Swallow-tailed Kite
King Rail	Black Rail	Bald Eagle
Solitary Sandpiper (nb)	King Rail	Yellow Rail (nb)
Hudsonian Godwit (nb)	Solitary Sandpiper (nb)	Black Rail
Buff-breasted Sandpiper (nb)	Hudsonian Godwit (nb)	King Rail
American Woodcock	Marbled Godwit (nb)	Limpkin
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Red-headed Woodpecker	Buff-breasted Sandpiper (nb)	Snowy Plover
Wood Thrush	Short-billed Dowitcher (nb)	Wilson's Plover
Cerulean Warbler	American Woodcock	American Oystercatcher
Prothonotary Warbler	Short-eared Owl (nb)	Solitary Sandpiper (nb)
Worm-eating Warbler	Red-headed Woodpecker	Upland Sandpiper (nb)
Swainson's Warbler	Sedge Wren (nb) Wood Thrush	Whimbrel (nb)
Louisiana Waterthrush	Wood Thrush Cerulean Warbler	Long-billed Curlew (nb) Marbled Godwit (nb)
Kentucky Warbler Bachman's Sparrow		
•	Prothonotary Warbler Swainson's Warbler	Red Knot (rufa ssp.) (nb)
Henslow's Sparrow (nb) Painted Bunting	Kentucky Warbler	Semipalmated Sandpiper (Eastern) (nb) Buff-breasted Sandpiper (nb)
Orchard Oriole	Henslow's Sparrow (nb)	Short-billed Dowitcher (nb)
Orenard Orloic	LeConte's Sparrow (nb)	American Woodcock
	Painted Bunting	Least Tern
	Rusty Blackbird (nb)	Gull-billed Tern
	Orchard Oriole	Sandwich Tern
	ordinare official	Black Skimmer
		Red-headed Woodpecker
		Sedge Wren (nb)
		Wood Thrush
		Blue-winged Warbler
		Cerulean Warbler
		Prothonotary Warbler
		Swainson's Warbler
		Kentucky Warbler
		Henslow's Sparrow
		LeConte's Sparrow (nb)
		Nelson's Sharp-tailed Sparrow (nb)
		Saltmarsh Sharp-tailed Sparrow (nb)
		Seaside Sparrow (c)
		Painted Bunting
		Rusty Blackbird (nb)
BCR 28 APPALACHIAN	BCR 29 PIEDMONT	BCR 30 NEW ENGLAND/MID-
MOUNTAINS		ATLANTIC COAST
Bald Eagle		
Baid Eagle	Bald Eagle	Red-throated Loon (nb)
American Woodcock	Bald Eagle Black Rail	Red-throated Loon (nb) Pied-billed Grebe
American Woodcock Red-headed Woodpecker		
American Woodcock Red-headed Woodpecker Olive-sided Flycatcher	Black Rail	Pied-billed Grebe
American Woodcock Red-headed Woodpecker Olive-sided Flycatcher Sedge Wren (nb)	Black Rail King Rail American Woodcock Short-eared Owl (nb)	Pied-billed Grebe Horned Grebe (nb) American Bittern Least Bittern
American Woodcock Red-headed Woodpecker Olive-sided Flycatcher Sedge Wren (nb) Wood Thrush	Black Rail King Rail American Woodcock Short-eared Owl (nb) Sedge Wren	Pied-billed Grebe Horned Grebe (nb) American Bittern Least Bittern Snowy Egret
American Woodcock Red-headed Woodpecker Olive-sided Flycatcher Sedge Wren (nb)	Black Rail King Rail American Woodcock Short-eared Owl (nb) Sedge Wren Wood Thrush	Pied-billed Grebe Horned Grebe (nb) American Bittern Least Bittern
American Woodcock Red-headed Woodpecker Olive-sided Flycatcher Sedge Wren (nb) Wood Thrush Blue-winged Warbler Golden-winged Warbler	Black Rail King Rail American Woodcock Short-eared Owl (nb) Sedge Wren Wood Thrush Blue-winged Warbler	Pied-billed Grebe Horned Grebe (nb) American Bittern Least Bittern Snowy Egret Bald Eagle Black Rail
American Woodcock Red-headed Woodpecker Olive-sided Flycatcher Sedge Wren (nb) Wood Thrush Blue-winged Warbler Golden-winged Warbler Cerulean Warbler	Black Rail King Rail American Woodcock Short-eared Owl (nb) Sedge Wren Wood Thrush Blue-winged Warbler Cerulean Warbler	Pied-billed Grebe Horned Grebe (nb) American Bittern Least Bittern Snowy Egret Bald Eagle Black Rail King Rail
American Woodcock Red-headed Woodpecker Olive-sided Flycatcher Sedge Wren (nb) Wood Thrush Blue-winged Warbler Golden-winged Warbler Cerulean Warbler Swainson's Warbler	Black Rail King Rail American Woodcock Short-eared Owl (nb) Sedge Wren Wood Thrush Blue-winged Warbler Cerulean Warbler Swainson's Warbler	Pied-billed Grebe Horned Grebe (nb) American Bittern Least Bittern Snowy Egret Bald Eagle Black Rail King Rail Wilson's Plover
American Woodcock Red-headed Woodpecker Olive-sided Flycatcher Sedge Wren (nb) Wood Thrush Blue-winged Warbler Golden-winged Warbler Cerulean Warbler Swainson's Warbler Louisiana Waterthrush	Black Rail King Rail American Woodcock Short-eared Owl (nb) Sedge Wren Wood Thrush Blue-winged Warbler Cerulean Warbler Swainson's Warbler Kentucky Warbler	Pied-billed Grebe Horned Grebe (nb) American Bittern Least Bittern Snowy Egret Bald Eagle Black Rail King Rail Wilson's Plover American Oystercatcher
American Woodcock Red-headed Woodpecker Olive-sided Flycatcher Sedge Wren (nb) Wood Thrush Blue-winged Warbler Golden-winged Warbler Cerulean Warbler Swainson's Warbler Louisiana Waterthrush Kentucky Warbler	Black Rail King Rail American Woodcock Short-eared Owl (nb) Sedge Wren Wood Thrush Blue-winged Warbler Cerulean Warbler Swainson's Warbler Kentucky Warbler Henslow's Sparrow	Pied-billed Grebe Horned Grebe (nb) American Bittern Least Bittern Snowy Egret Bald Eagle Black Rail King Rail Wilson's Plover American Oystercatcher Solitary Sandpiper (nb)
American Woodcock Red-headed Woodpecker Olive-sided Flycatcher Sedge Wren (nb) Wood Thrush Blue-winged Warbler Golden-winged Warbler Cerulean Warbler Swainson's Warbler Louisiana Waterthrush Kentucky Warbler Canada Warbler	Black Rail King Rail American Woodcock Short-eared Owl (nb) Sedge Wren Wood Thrush Blue-winged Warbler Cerulean Warbler Swainson's Warbler Kentucky Warbler	Pied-billed Grebe Horned Grebe (nb) American Bittern Least Bittern Snowy Egret Bald Eagle Black Rail King Rail Wilson's Plover American Oystercatcher Solitary Sandpiper (nb) Lesser Yellowlegs (nb)
American Woodcock Red-headed Woodpecker Olive-sided Flycatcher Sedge Wren (nb) Wood Thrush Blue-winged Warbler Golden-winged Warbler Cerulean Warbler Swainson's Warbler Louisiana Waterthrush Kentucky Warbler Canada Warbler Henslow's Sparrow	Black Rail King Rail American Woodcock Short-eared Owl (nb) Sedge Wren Wood Thrush Blue-winged Warbler Cerulean Warbler Swainson's Warbler Kentucky Warbler Henslow's Sparrow	Pied-billed Grebe Horned Grebe (nb) American Bittern Least Bittern Snowy Egret Bald Eagle Black Rail King Rail Wilson's Plover American Oystercatcher Solitary Sandpiper (nb) Lesser Yellowlegs (nb) Whimbrel (nb)
American Woodcock Red-headed Woodpecker Olive-sided Flycatcher Sedge Wren (nb) Wood Thrush Blue-winged Warbler Golden-winged Warbler Cerulean Warbler Swainson's Warbler Louisiana Waterthrush Kentucky Warbler Canada Warbler	Black Rail King Rail American Woodcock Short-eared Owl (nb) Sedge Wren Wood Thrush Blue-winged Warbler Cerulean Warbler Swainson's Warbler Kentucky Warbler Henslow's Sparrow	Pied-billed Grebe Horned Grebe (nb) American Bittern Least Bittern Snowy Egret Bald Eagle Black Rail King Rail Wilson's Plover American Oystercatcher Solitary Sandpiper (nb) Lesser Yellowlegs (nb) Whimbrel (nb) Hudsonian Godwit (nb)
American Woodcock Red-headed Woodpecker Olive-sided Flycatcher Sedge Wren (nb) Wood Thrush Blue-winged Warbler Golden-winged Warbler Cerulean Warbler Swainson's Warbler Louisiana Waterthrush Kentucky Warbler Canada Warbler Henslow's Sparrow	Black Rail King Rail American Woodcock Short-eared Owl (nb) Sedge Wren Wood Thrush Blue-winged Warbler Cerulean Warbler Swainson's Warbler Kentucky Warbler Henslow's Sparrow	Pied-billed Grebe Horned Grebe (nb) American Bittern Least Bittern Snowy Egret Bald Eagle Black Rail King Rail Wilson's Plover American Oystercatcher Solitary Sandpiper (nb) Lesser Yellowlegs (nb) Whimbrel (nb) Hudsonian Godwit (nb) Marbled Godwit (nb)
American Woodcock Red-headed Woodpecker Olive-sided Flycatcher Sedge Wren (nb) Wood Thrush Blue-winged Warbler Golden-winged Warbler Cerulean Warbler Swainson's Warbler Louisiana Waterthrush Kentucky Warbler Canada Warbler Henslow's Sparrow	Black Rail King Rail American Woodcock Short-eared Owl (nb) Sedge Wren Wood Thrush Blue-winged Warbler Cerulean Warbler Swainson's Warbler Kentucky Warbler Henslow's Sparrow	Pied-billed Grebe Horned Grebe (nb) American Bittern Least Bittern Snowy Egret Bald Eagle Black Rail King Rail Wilson's Plover American Oystercatcher Solitary Sandpiper (nb) Lesser Yellowlegs (nb) Whimbrel (nb) Hudsonian Godwit (nb) Marbled Godwit (nb) Red Knot (rufa ssp.) (nb)
American Woodcock Red-headed Woodpecker Olive-sided Flycatcher Sedge Wren (nb) Wood Thrush Blue-winged Warbler Golden-winged Warbler Cerulean Warbler Swainson's Warbler Louisiana Waterthrush Kentucky Warbler Canada Warbler Henslow's Sparrow	Black Rail King Rail American Woodcock Short-eared Owl (nb) Sedge Wren Wood Thrush Blue-winged Warbler Cerulean Warbler Swainson's Warbler Kentucky Warbler Henslow's Sparrow	Pied-billed Grebe Horned Grebe (nb) American Bittern Least Bittern Snowy Egret Bald Eagle Black Rail King Rail Wilson's Plover American Oystercatcher Solitary Sandpiper (nb) Lesser Yellowlegs (nb) Whimbrel (nb) Hudsonian Godwit (nb) Marbled Godwit (nb) Red Knot (rufa ssp.) (nb) Semipalmated Sandpiper (Eastern) (nb)
American Woodcock Red-headed Woodpecker Olive-sided Flycatcher Sedge Wren (nb) Wood Thrush Blue-winged Warbler Golden-winged Warbler Cerulean Warbler Swainson's Warbler Louisiana Waterthrush Kentucky Warbler Canada Warbler Henslow's Sparrow	Black Rail King Rail American Woodcock Short-eared Owl (nb) Sedge Wren Wood Thrush Blue-winged Warbler Cerulean Warbler Swainson's Warbler Kentucky Warbler Henslow's Sparrow	Pied-billed Grebe Horned Grebe (nb) American Bittern Least Bittern Snowy Egret Bald Eagle Black Rail King Rail Wilson's Plover American Oystercatcher Solitary Sandpiper (nb) Lesser Yellowlegs (nb) Whimbrel (nb) Hudsonian Godwit (nb) Marbled Godwit (nb) Red Knot (rufa ssp.) (nb) Semipalmated Sandpiper (Eastern) (nb) Purple Sandpiper (nb)
American Woodcock Red-headed Woodpecker Olive-sided Flycatcher Sedge Wren (nb) Wood Thrush Blue-winged Warbler Golden-winged Warbler Cerulean Warbler Swainson's Warbler Louisiana Waterthrush Kentucky Warbler Canada Warbler Henslow's Sparrow	Black Rail King Rail American Woodcock Short-eared Owl (nb) Sedge Wren Wood Thrush Blue-winged Warbler Cerulean Warbler Swainson's Warbler Kentucky Warbler Henslow's Sparrow	Pied-billed Grebe Horned Grebe (nb) American Bittern Least Bittern Snowy Egret Bald Eagle Black Rail King Rail Wilson's Plover American Oystercatcher Solitary Sandpiper (nb) Lesser Yellowlegs (nb) Whimbrel (nb) Hudsonian Godwit (nb) Marbled Godwit (nb) Red Knot (rufa ssp.) (nb) Semipalmated Sandpiper (Eastern) (nb) Purple Sandpiper (nb) Buff-breasted Sandpiper (nb)
American Woodcock Red-headed Woodpecker Olive-sided Flycatcher Sedge Wren (nb) Wood Thrush Blue-winged Warbler Golden-winged Warbler Cerulean Warbler Swainson's Warbler Louisiana Waterthrush Kentucky Warbler Canada Warbler Henslow's Sparrow	Black Rail King Rail American Woodcock Short-eared Owl (nb) Sedge Wren Wood Thrush Blue-winged Warbler Cerulean Warbler Swainson's Warbler Kentucky Warbler Henslow's Sparrow	Pied-billed Grebe Horned Grebe (nb) American Bittern Least Bittern Snowy Egret Bald Eagle Black Rail King Rail Wilson's Plover American Oystercatcher Solitary Sandpiper (nb) Lesser Yellowlegs (nb) Whimbrel (nb) Hudsonian Godwit (nb) Marbled Godwit (nb) Red Knot (rufa ssp.) (nb) Semipalmated Sandpiper (Eastern) (nb) Purple Sandpiper (nb) Buff-breasted Sandpiper (nb) Short-billed Dowitcher (nb)
American Woodcock Red-headed Woodpecker Olive-sided Flycatcher Sedge Wren (nb) Wood Thrush Blue-winged Warbler Golden-winged Warbler Cerulean Warbler Swainson's Warbler Louisiana Waterthrush Kentucky Warbler Canada Warbler Henslow's Sparrow	Black Rail King Rail American Woodcock Short-eared Owl (nb) Sedge Wren Wood Thrush Blue-winged Warbler Cerulean Warbler Swainson's Warbler Kentucky Warbler Henslow's Sparrow	Pied-billed Grebe Horned Grebe (nb) American Bittern Least Bittern Snowy Egret Bald Eagle Black Rail King Rail Wilson's Plover American Oystercatcher Solitary Sandpiper (nb) Lesser Yellowlegs (nb) Whimbrel (nb) Hudsonian Godwit (nb) Marbled Godwit (nb) Red Knot (rufa ssp.) (nb) Semipalmated Sandpiper (Eastern) (nb) Purple Sandpiper (nb) Buff-breasted Sandpiper (nb) Short-billed Dowitcher (nb) American Woodcock
American Woodcock Red-headed Woodpecker Olive-sided Flycatcher Sedge Wren (nb) Wood Thrush Blue-winged Warbler Golden-winged Warbler Cerulean Warbler Swainson's Warbler Louisiana Waterthrush Kentucky Warbler Canada Warbler Henslow's Sparrow	Black Rail King Rail American Woodcock Short-eared Owl (nb) Sedge Wren Wood Thrush Blue-winged Warbler Cerulean Warbler Swainson's Warbler Kentucky Warbler Henslow's Sparrow	Pied-billed Grebe Horned Grebe (nb) American Bittern Least Bittern Snowy Egret Bald Eagle Black Rail King Rail Wilson's Plover American Oystercatcher Solitary Sandpiper (nb) Lesser Yellowlegs (nb) Whimbrel (nb) Hudsonian Godwit (nb) Marbled Godwit (nb) Red Knot (rufa ssp.) (nb) Semipalmated Sandpiper (Eastern) (nb) Purple Sandpiper (nb) Buff-breasted Sandpiper (nb) Short-billed Dowitcher (nb) American Woodcock Least Tern
American Woodcock Red-headed Woodpecker Olive-sided Flycatcher Sedge Wren (nb) Wood Thrush Blue-winged Warbler Golden-winged Warbler Cerulean Warbler Swainson's Warbler Louisiana Waterthrush Kentucky Warbler Canada Warbler Henslow's Sparrow	Black Rail King Rail American Woodcock Short-eared Owl (nb) Sedge Wren Wood Thrush Blue-winged Warbler Cerulean Warbler Swainson's Warbler Kentucky Warbler Henslow's Sparrow	Pied-billed Grebe Horned Grebe (nb) American Bittern Least Bittern Snowy Egret Bald Eagle Black Rail King Rail Wilson's Plover American Oystercatcher Solitary Sandpiper (nb) Lesser Yellowlegs (nb) Whimbrel (nb) Hudsonian Godwit (nb) Marbled Godwit (nb) Red Knot (rufa ssp.) (nb) Semipalmated Sandpiper (Eastern) (nb) Purple Sandpiper (nb) Buff-breasted Sandpiper (nb) Short-billed Dowitcher (nb) American Woodcock Least Tern Gull-billed Tern
American Woodcock Red-headed Woodpecker Olive-sided Flycatcher Sedge Wren (nb) Wood Thrush Blue-winged Warbler Golden-winged Warbler Cerulean Warbler Swainson's Warbler Louisiana Waterthrush Kentucky Warbler Canada Warbler Henslow's Sparrow	Black Rail King Rail American Woodcock Short-eared Owl (nb) Sedge Wren Wood Thrush Blue-winged Warbler Cerulean Warbler Swainson's Warbler Kentucky Warbler Henslow's Sparrow	Pied-billed Grebe Horned Grebe (nb) American Bittern Least Bittern Snowy Egret Bald Eagle Black Rail King Rail Wilson's Plover American Oystercatcher Solitary Sandpiper (nb) Lesser Yellowlegs (nb) Whimbrel (nb) Hudsonian Godwit (nb) Marbled Godwit (nb) Red Knot (rufa ssp.) (nb) Semipalmated Sandpiper (Eastern) (nb) Purple Sandpiper (nb) Buff-breasted Sandpiper (nb) Short-billed Dowitcher (nb) American Woodcock Least Tern Gull-billed Tern Black Skimmer
American Woodcock Red-headed Woodpecker Olive-sided Flycatcher Sedge Wren (nb) Wood Thrush Blue-winged Warbler Golden-winged Warbler Cerulean Warbler Swainson's Warbler Louisiana Waterthrush Kentucky Warbler Canada Warbler Henslow's Sparrow	Black Rail King Rail American Woodcock Short-eared Owl (nb) Sedge Wren Wood Thrush Blue-winged Warbler Cerulean Warbler Swainson's Warbler Kentucky Warbler Henslow's Sparrow	Pied-billed Grebe Horned Grebe (nb) American Bittern Least Bittern Snowy Egret Bald Eagle Black Rail King Rail Wilson's Plover American Oystercatcher Solitary Sandpiper (nb) Lesser Yellowlegs (nb) Whimbrel (nb) Hudsonian Godwit (nb) Marbled Godwit (nb) Red Knot (rufa ssp.) (nb) Semipalmated Sandpiper (Eastern) (nb) Purple Sandpiper (nb) Buff-breasted Sandpiper (nb) Short-billed Dowitcher (nb) American Woodcock Least Tern Gull-billed Tern

		Sedge Wren
		Wood Thrush
		Blue-winged Warbler
		Golden-winged Warbler
		Worm-eating Warbler
		Kentucky Warbler
		Henslow's Sparrow
		Nelson's Sharp-tailed Sparrow
		Saltmarsh Sharp-tailed Sparrow
		Seaside Sparrow
DOD 44 DENVISORY A D DV ODVD A	DOD 44 CO LOTHE CLEANING	Rusty Blackbird (nb)
BCR 31 PENINSULAR FLORIDA	BCR 32 COASTAL CALIFORNIA	BCR 33 SONORAN AND
		MOJAVE DESERTS
Magnificent Frigatebird	Ashy Storm-Petrel	Least Bittern
American Bittern (nb)	Bald Eagle	Bald Eagle
Least Bittern	Yellow Rail (nb)	Black Rail
Reddish Egret	Black Rail	Snowy Plover
Roseate Spoonbill	Snowy Plover	Long-billed Curlew (nb)
Swallow-tailed Kite	Black Oystercatcher	Marbled Godwit (nb)
Bald Eagle	Whimbrel (nb)	Red Knot (roselaari ssp.) (nb)
Yellow Rail (nb)	Long-billed Curlew (nb)	Gull-billed Tern
Black Rail	Marbled Godwit (nb)	Black Skimmer
King Rail	Red Knot (roselaari ssp.) (nb)	Yellow-billed Cuckoo
Limpkin	Short-billed Dowitcher (nb)	Elf Owl
Snowy Plover	Gull-billed Tern	Bell's Vireo
Wilson's Plover	Black Skimmer	Lucy's Warbler
American Oystercatcher	Xantus's Murrelet	Yellow Warbler (sonorana ssp.)
Solitary Sandpiper (nb)	Cassin's Auklet	Lawrence's Goldfinch
Lesser Yellowlegs (nb)	Yellow-billed Cuckoo	Edwichee's Goldmen
Whimbrel (nb)	Black Swift	
Long-billed Curlew (nb)	Allen's Hummingbird	
Marbled Godwit (nb)	Lewis's Woodpecker	
Red Knot (rufa ssp.) (nb)	Yellow Warbler (brewsteri ssp.)	
Semipalmated Sandpiper (Eastern) (nb)	Common Yellowthroat (sinuosa ssp.)	
Buff-breasted Sandpiper (hb)	Song Sparrow (graminea ssp.)	
Short-billed Dowitcher (nb)		
American Woodcock (nb)	Song Sparrow (maxillaris ssp.)	
Least Tern	Song Sparrow (pusillula ssp.)	
	Song Sparrow (samuelis ssp.) Tricolored Blackbird	
Black Skimmer	Lawrence's Goldfinch	
White-crowned Pigeon	Lawrence's Goldlinch	
Mangrove Cuckoo		
Red-headed Woodpecker		
Black-whiskered Vireo		
Yellow Warbler (gundlachi ssp.)		
Prothonotary Warbler		
Henslow's Sparrow (nb)		
Nelson's Sharp-tailed Sparrow (nb)		
Saltmarsh Sharp-tailed Sparrow (nb)		
Seaside Sparrow (c)		
Painted Bunting (nb)		
BCR 34 SIERRA MADRE	BCR 35 CHIHUAHUAN DESERT	BCR 36 TAMAULIPAN
OCCIDENTAL		BRUSHLANDS
Bald Eagle	Bald Eagle	Swainson's Hawk
Common Black-Hawk	Common Black-Hawk	Snowy Plover
Yellow-billed Cuckoo	Snowy Plover	Solitary Sandpiper (nb)
Elf Owl	Long-billed Curlew (nb)	Lesser Yellowlegs (nb)
Elegant Trogon	Yellow-billed Cuckoo	Long-billed Curlew (nb)
Lewis's Woodpecker	Elf Owl	Gull-billed Tern
Northern Beardless-Tyrannulet	Bell's Vireo	Red-billed Pigeon
Bell's Vireo	Yellow Warbler (sonorana ssp.)	Elf Owl
Phainopepla	Red-faced Warbler	Northern Beardless-Tyrannulet
P*P***		r

Lucy's Warbler	Varied Bunting	Bell's Vireo
Yellow Warbler (sonorana ssp.)	Painted Bunting	Varied Bunting
Red-faced Warbler		Painted Bunting
Varied Bunting		Audubon's Oriole
BCR 37 GULF COAST PRAIRIE	BCR 67 HAWAII	PUERTO RICO AND VIRGIN
		ISLANDS
American Bittern	Laysan Albatross	West Indian Whistling-Duck
Least Bittern	Black-footed Albatross	White-cheeked Pintail
Reddish Egret	Christmas Shearwater	Masked Duck
Swallow-tailed Kite	Band-rumped Storm-Petrel	Ruddy Duck (jamaicensis ssp.)
Bald Eagle	Tristram's Storm-Petrel	Audubon's Shearwater
Yellow Rail (nb)	Bristle-thighed Curlew (nb)	Masked Booby
Black Rail	Short-eared Owl	Brown Booby
King Rail		Red-footed Booby
Snowy Plover		Magnificent Frigatebird
Wilson's Plover		Least Bittern
American Oystercatcher		American Flamingo
Solitary Sandpiper (nb)		Black Rail
Lesser Yellowlegs (nb)		Yellow-breasted Crake
Upland Sandpiper (nb)		Caribbean Coot
Whimbrel (nb)		Limpkin
Long-billed Curlew		Snowy Plover
Hudsonian Godwit (nb)		Wilson's Plover
Marbled Godwit (nb)		American Oystercatcher
Red Knot (roselaari ssp.) (nb)		Red Knot (rufa ssp.) (nb)
Red Knot (rufa ssp.) (a) (nb)		Semipalmated Sandpiper (Eastern) (nb)
Buff-breasted Sandpiper (nb)		White-crowned Pigeon
Short-billed Dowitcher (nb)		
American Woodcock (nb)		
Least Tern		
Gull-billed Tern		
Sandwich Tern		
Black Skimmer		
Short-eared Owl (nb)		
Sedge Wren (nb)		
Prothonotary Warbler		
Swainson's Warbler		
Henslow's Sparrow (nb)		
LeConte's Sparrow (nb)		
Nelson's Sharp-tailed Sparrow (nb)		
Seaside Sparrow (c)		
Painted Bunting		

Appendix F: Wetland Types

Е	Estuarine	PEM	Palustrine Emergent
E1	Estuarine Subtidal	PFO	Palustrine Forested
E1AB	Estuarine Subtidal Aquatic Bed	PML	Palustrine Moss-Lichen
E1RB	Estuarine Subtidal Rock Bottom	PRB	Palustrine Rock Bottom
E1RF	Estuarine Subtidal Reef	PSS	Palustrine Scrub-Shrub
E1UB	Estuarine Subtidal Unconsolidated Bottom	PUB	Palustrine Unconsolidated Bottom
E2	Estuarine Intertidal	PUS	Palustrine Unconsolidated Shore
E2AB	Estuarine Intertidal Aquatic Bed	R	Riverine
E2EM	Estuarine Intertidal Emergent	R1	Riverine Tidal
E2FO	Estuarine Intertidal Forested	R1AB	Riverine Tidal Aquatic Bed
E2RF	Estuarine Intertidal Reef	R1EM	Riverine Tidal Emergent
E2RS	Estuarine Intertidal Rocky Shore	R1RB	Riverine Tidal Rock Bottom
E2SB	Estuarine Intertidal Streambed	R1RS	Riverine Tidal Rocky Shore
E2SS	Estuarine Intertidal Scrub-Shrub	R1SB	Riverine Tidal Streambed
E2US	Estuarine Intertidal Unconsolidated Shore	R1UB	Riverine Tidal Unconsolidated Bottom
L	Lacustrine	R1US	Riverine Tidal Unconsolidated Shore
L1	Lacustrine Limnetic	R2	Riverine Lower Perennial
L1AB	Lacustrine Limnetic Aquatic Bed	R2AB	Riverine Lower Perennial Aquatic Bed
L1RB	Lacustrine Limnetic Rock Bottom	R2EM	Riverine Lower Perennial Emergent
L1UB	Lacustrine Limnetic Unconsolidated Bottom	R2RS	Riverine Lower Perennial Rocky Shore
L2	Lacustrine Littoral	R2UB	Riverine Lower Perennial Unconsolidated Bottom
L2AB	Lacustrine Littoral Aquatic Bed	R2US	Riverine Lower Perennial Unconsolidated Shore
L2EM	Lacustrine Littoral Emergent	R3	Riverine Upper Perennial
L2RB	Lacustrine Littoral Rock Bottom	R3AB	Riverine Upper Perennial Aquatic Bed
L2RS	Lacustrine Littoral Rocky Shore	R3RB	Riverine Upper Perennial Rock Bottom
L2UB	Lacustrine Littoral Unconsolidated Bottom	R3RS	Riverine Upper Perennial Rocky Shore
L2US	Lacustrine Littoral Unconsolidated Shore	R3UB	Riverine Upper Perennial Unconsolidated Bottom
M	Marine	R3US	Riverine Upper Perennial Unconsolidated Shore
M1	Marine Subtidal	R4	Riverine Intermittent
M1AB	Marine Subtidal Aquatic Bed	R4SB	Riverine Intermittent Streambed
M1RB	Marine Subtidal Rock Bottom	Rp	Riparian
M1RF	Marine Subtidal Reef	Rp1	Riparian Lotic
M1UB	Marine Subtidal Unconsolidated Bottom	Rp1EM	Riparian Lotic Emergent
M2	Marine Intertidal	Rp1FO	Riparian Lotic Forested
M2AB	Marine Intertidal Aquatic Bed	Rp1SS	Riparian Lotic Scrub-Shrub
M2RF	Marine Intertidal Reef	Rp2	Riparian Lentic
M2RS	Marine Intertidal Rocky Shore	Rp2EM	Riparian Lentic Emergent
M2US	Marine Intertidal Unconsolidated Shore	Rp2FO	Riparian Lentic Forested
P	Palustrine	Rp2SS	Riparian Lentic Scrub-Shrub
PAB	Palustrine Aquatic Bed		

For more information, visit: https://www.fws.gov/wetlands/data/wetland-codes.html

- NWI Wetlands and Deepwater Map Code
 Diagram: https://www.fws.gov/wetlands/Documents/NWI_Wetlands_and_Deepwater_Map_Code_Diagram.pdf
- Riparian Classification System Diagram: https://www.fws.gov/wetlands/Documents/Riparian-Classification-System.pdf

Appendix G: Joint Venture Administrative Areas

Map can also be found here:

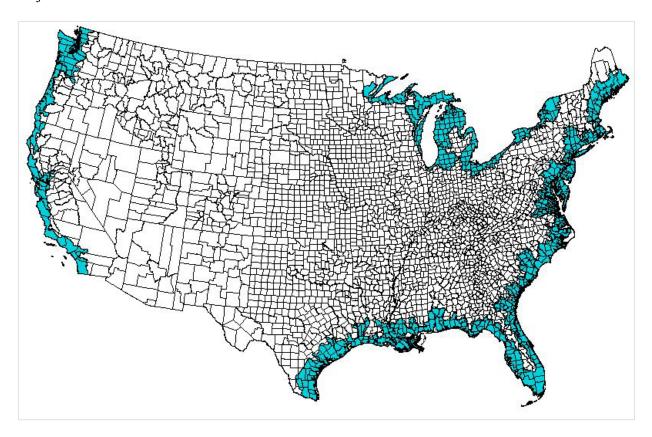
 $\underline{http://www.fws.gov/birds/management/bird-conservation-partnership-and-initiatives/migratory-bird-joint-ventures/joint-venture-directory.php}$

Joint Venture GIS Shapefile can be downloaded here:

http://catalog.data.gov/dataset/north-american-joint-ventures-2014-revision

Appendix H: Areas Classified as Coastal Zones (in blue)

For your project to be considered Coastal, more than 50% of the tracts must be located in the US Coastal Zone (outlined in blue in the map below). If tracts have not yet been identified, then more than 50% of the Project Area must be located in the Coastal Zone.



For an online interactive version of the Coastal Zone visit the National Migratory Bird Priority Plans and US Coastal Zone Interactive Mapper:

http://fws.maps.arcgis.com/apps/MapSeries/index.html?appid=632303c8dd8547e19b2b3198fac45078