

National Park Service
U.S. Department of the Interior

George Washington Memorial Parkway



Dyke Marsh Wetland Restoration and Long Term Management Plan/EIS

Public Scoping Comment Analysis Report

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INTRODUCTION AND GUIDE

INTRODUCTION

On April 7, 2008, George Washington Memorial Parkway (GWMP) released the Public Scoping Newsletter for the Dyke Marsh Restoration and Long Term Management Plan/EIS for public review and comment. The public was invited to submit comments on the scope of the planning process and potential alternatives through May 23, 2008. During the scoping period, a public scoping meeting was held at Belle View Elementary on April 22nd. The meeting presented information about the development of the plan and planning processes. National Park Service (NPS) staff was on hand to answer questions, provide additional information to workshop participants, and record their input. During the scoping period, nearly 300 pieces of correspondence were entered into the Planning, Environment, and Public Comment (PEPC) system either from direct entry by the commenter, or uploading of emails, faxes, and hard copy letters by NPS staff.

NATURE OF THE COMMENTS RECEIVED

Nearly 300 pieces of correspondence were received during the 30-day scoping period from over 32 states, and three countries (US, Canada, Scotland). Of the approximately 50 letters submitted from outside the region immediately surrounding Dyke Marsh (District of Columbia (DC), Maryland (MD), Virginia (VA)), concerns regarding hunting access in areas near Dyke Marsh were the almost exclusive topic of the communications. Among commenters from DC, MD, and VA, the three topics that received the majority of the comments were expressions of support for the restoration of Dyke Marsh, concerns regarding the impact of the restoration on Belle Haven Marina, as well as concerns regarding continued access to hunting in areas near Dyke Marsh.

It should be noted that prior to the April 22nd public scoping meeting, a notice was posted on the National Rifle Association's website stating there was going to be a meeting that evening with officials from the National Park Service and the Virginia Department of Game and Inland Fisheries to discuss the future of hunting in the Dyke Marsh area. The inaccurate information contained in the notice generated national interest in the meeting and the process. Changes to the current hunting opportunities available to the public outside of the marsh boundary is outside the scope of the Dyke Marsh Wetland Restoration and Long Term Management Plan/EIS and will not be considered in this document.

However, it is important to note that all comments, regardless of their topic, were carefully read and analyzed and are presented in this report. Commenters will continue to be notified of the project's progress, and are encouraged to visit the park's planning website at parkplanning.nps.gov/gwmp to view information pertaining to this important and exciting project.

THE COMMENT ANALYSIS PROCESS

Comment analysis is a process used to compile and correlate similar public comments into a format that can be used by decision makers and the Dyke Marsh Restoration and Long Term Management Plan/EIS Team. Comment analysis assists the team in organizing, clarifying, and addressing technical information pursuant to *National Environmental Policy Act* (NEPA) regulations. It also aids in identifying the topics and issues to be evaluated and considered throughout the planning process.

The process includes five main components:

- developing a coding structure
- employing a comment database for comment management
- reading and coding of public comments
- interpreting and analyzing the comments to identify issues and themes
- preparing a comment summary

A coding structure was developed to help sort comments into logical groups by topics and issues. The coding structure was derived from an analysis of the range of topics discussed during internal NPS scoping, past planning documents, and the comments themselves. The coding structure was designed to capture all comment content rather than to restrict or exclude any ideas.

The NPS PEPC database was used for management of the comments. The database stores the full text of all correspondence and allows each comment to be coded by topic and issue. Some outputs from the database include tallies of the total number of correspondences and comments received, sorting and reporting of comments by a particular topic or issue, and demographic information regarding the sources of the comments.

Analysis of the public comments involved the assignment of the codes to statements made by the public in their letters, email messages, and written comment forms. All comments were read and analyzed, including those of a technical nature; opinions, feelings, and preferences of one element or one potential alternative over another; and comments of a personal or philosophical nature.

Although the analysis process attempts to capture the full range of public concerns, this content analysis report should be used with caution. Comments from people who chose to respond do not necessarily represent the sentiments of the entire public. Furthermore, this was not a vote-counting process, and the emphasis was on the content of the comment rather than the number of times a comment was received.

DEFINITION OF TERMS

Primary terms used in the document are defined below.

Correspondence: A correspondence is the entire document received from a commenter. It can be in the form of a letter, email, written comment form, note card, open house transcript, or petition.

Comment: A comment is a portion of the text within a correspondence that addresses a single subject. It could include such information as an expression of support or opposition to the use of a potential management tool, additional data regarding the existing condition, or an opinion debating the adequacy of an analysis.

Code: A grouping centered on a common subject. The codes were developed during the scoping process and are used to track major subjects throughout the EIS process.

Concern: Concerns are a written summary of all comments received under a particular code. Some codes were further separated into several concern statements to provide a better focus on the content of comments.

GUIDE TO THIS DOCUMENT

This report is organized as follows:

Content Analysis Report- This is the basic report produced from PEPC that provides information on the numbers and types of comments received, organized by code. The first section of the report provides a summary of the number of comments that were coded under each topic. The second section provides general demographic information, such as the states where commenters live, the number of letters received from different categories of organizations, etc.

Public Scoping Comment Summary- This report summarizes the substantive comments received during the scoping process. These comments are organized by codes and further organized into concern statements. Below each concern statement are representative quotes, which have been taken directly from the text of the public's comments and have not been edited. Representative quotes further clarify the concern statements.

Correspondence Index of Organizations- This provides a listing of all groups that submitted comments, arranged and grouped by the following organization types as defined by PEPC (and in this order): businesses; churches and religious groups; civic groups, conservation/preservation groups; federal government; NPS employees; non-governmental groups; recreational groups; state government; town or city government; tribal government; unaffiliated individuals; university/professional society. Each piece of correspondence was assigned a unique identification number upon entry into PEPC. This number can be used to assist the public in identifying the way NPS addressed their comments.

Correspondence Index of Individual Commenters- This provides a listing of all of the individuals who submitted comments during the public scoping period. Like the previous index, each correspondence was assigned a unique identification number which can be used to assist individuals in identifying the way in which NPS addressed their comments. This list is organized alphabetically.

Index By Organization Type- This list identifies all of the codes that were assigned to each individual piece of correspondence and is arranged by organization type. Individual commenters are also included in this report and are identified as Unaffiliated Individuals.

Index by Code- This lists which commenters or authors (identified by PEPC organization type) commented on which topics, as identified by the codes used in this analysis. The report is organized by code, and under each code is a list of the authors who submitted comments that fell under that code, and their correspondence numbers. Those correspondences identified as N/A represent unaffiliated individuals.

Content Analysis Report

Comment Distribution by Code

Code	Description	Number of Comments
PSALT1000	Alternative Elements: Supports Restoration	236
PSALT1050	Alternative Elements: Restoration Elements-General	9
PSALT1100	Alternative Elements: Restoration Elements-Education	18
PSALT1200	Alternative Elements: Restoration Elements-Recreation/Access	37
PSALT1300	Alternative Elements: Restoration Elements-Hydrology	26
PSALT1400	Alternative Elements: Restoration Elements-Ecological Services	31
PSALT1500	Alternative Elements: Restoration Elements-Invasive/Exotic Plants	25
PSALT1600	Alternative Elements: Restoration Elements-Reintroduce Native Plants	13
PSALT1700	Alternative Elements: Restoration Elements-Sedimentology	26
PSALT1800	Alternative Elements: Restoration Elements-Wildlife and Habitat	43
PSALT1900	Alternative Elements: Restoration Elements-Protect Existing Marsh	3
PSALT1950	Alternative Elements: Restoration Elements-Extent of Restoration	19
PSALT2000	Alternative Elements: Oppose Restoration	6
PSALT2100	Alternative Elements: Restoration Elements-Funding	3
PSALT3000	Alternative Elements: Addressing Pollution	5
PSAM1000	Adaptive Management	4
PSCII1000	Cumulative Impacts/Connected Actions	25
PSI1000	Issues: Hunting General	88
PSI1200	Issues: Hunting-Eliminate	17
PSI1400	Issues: Hunting-Maintain	83
PSI2000	Issues: Boating General	15
PSI2200	Issues: Boating-Reduce/Eliminate Motorized Use	12
PSI2400	Issues: Boating-Maintain Motorized Use	9
PSI2600	Issues: Boating-Nonmotorized Use	27
PSI2800	Issues: Boating-Regulation	5
PSI2900	Issues: Boating-Education	4
PSI3000	Issues: Eliminate Construction on Riverbank	1
PSI4000	Issues: Global Climate Change/Sea Level Rise	4
PSIT1000	Impact Topics: Wildlife & Wildlife Habitat	18
PSIT1200	Impact Topics: Wildlife & Wildlife Habitat-Birds	20
PSIT2000	Impact Topics: Park Management General	21

PSIT2200	Impact Topics: Park Management-Enforcement	10
PSIT2400	Impact Topics: Park Management-Signage	14
PSIT3200	Impact Topics: Visitor Use & Experience-Education	7
PSIT3400	Impact Topics: Visitor Use & Experience-Wildlife Viewing	14
PSIT3600	Impact Topics: Visitor Use & Experience-Belle Haven	106
PSIT3700	Impact Topics: Visitor Use & Experience-Safety	9
PSIT3800	Impact Topics: Visitor Use & Experience-Access	16
PSIT4000	Impact Topics: Water Quality	11
PSIT5000	Impact Topics: Socioeconomics	5
PSNP1000	NEPA-Public Involvement	6
PSNP2000	NEPA-Conduct EIS	5
PSOP1000	Other Projects: National Harbor	10
PSOP1100	Other Projects: National Harbor-Seadog High speed tour boat	6
PSOP2000	Other Projects: Belle Haven Floodwall	12
PSP1000	Partnerships	78
PSREF1000	References/Data	10

Correspondence Signature Count by Organization Type

Organization Type	Number of Correspondences
Town or City Government	2
County Government	2
Federal Government	1
Non-Governmental	1
Conservation/Preservation	164
Recreational Groups	3
State Government	3
Unaffiliated Individual	364
Civic Groups	4
Total	544

Correspondence Signature Count by Correspondence Type

Type	Number of Correspondences
Web Form	242
Other	5
Park Form	7
Letter	117
Fax	1
E-mail	6
Petition	166
Total	544

Correspondence Distribution by State

State/Province/Country	Number of Correspondences
Arkansas	1
Arizona	1
Connecticut	1
District of Columbia	6
Florida	1
Georgia	2
Iowa	1
Idaho	2
Illinois	1
Kansas	2
Kentucky	2
Louisiana	2
Massachusetts	1
Maryland	17
Michigan	2
Minnesota	2
Mississippi	1
Montana	1
North Carolina	3
North Dakota	2
New Hampshire	1
Nevada	1
New York	3
Oregon	2
Pennsylvania	5
South Carolina	2
Tennessee	1
Texas	2
Virginia	208
Vermont	1
Washington	1
Wisconsin	4
West Virginia	1
Ontario	1
Scotland	1
Unknown	3
Total	288

PUBLIC SCOPING COMMENT SUMMARY

Public Scoping Alternative Elements

PSALT1000 - Supports Restoration

Concern ID: 17589

CONCERN STATEMENT: Many commenters expressed their support for the restoration of Dyke Marsh.

Representative Quote(s): **Corr. ID:** 44

Organization: *Not Specified*

Comment ID: 78900

Organization Type: Unaffiliated Individual

Representative Quote: In general, I am in favor of restoration of Dyke Marsh to its historic size or something close to it.

Corr. ID: 180

Organization: Wellington Civic Association-Current Past President

Comment ID: 78922

Organization Type: Unaffiliated Individual

Representative Quote: Congress entrusted this Marsh to the Park Service in 1959 to ensure its viability as a native habitat and natural buffer for storms. Virginia agreed to restore lost Wetlands under the Chesapeake Bay Act Agreement. The National Park Service should be forceful and diligent in restoring this 485 acre preserve not only for the human users of this area, but the wildlife as well.

Corr. ID: 204

Organization: *Not Specified*

Comment ID: 79127

Organization Type: Unaffiliated Individual

Representative Quote: My wife and I have lived in the Wellington area for more than 50 years and, in enjoying Dyke Marsh these many years, are pleased to see the current restoration planning take off. This marshland must be preserved...We support every effort made to bring this plan to fruition.

Corr. ID: 257

Organization: The Friends of Dyke Marsh

Comment ID: 79220

Organization Type: Conservation/Preservation

Representative Quote: FODM strongly supports the scientifically-guided restoration of this important wetland.

Corr. ID: 276

Organization: County of Fairfax Department of Planning and Zoning

Comment ID: 79612

Organization Type: County Government

Representative Quote: Fairfax County strongly supports the NPS's efforts to develop and implement a plan for the restoration and long term management of this tidal freshwater marsh and other associated wetland habitats lost or impacted in Dyke Marsh Preserve on the Potomac River.

PSALT1050 - Restoration Elements-General

Concern ID: 17807

CONCERN STATEMENT: Commenters had many general suggestions regarding issues to be addressed, methodologies to follow and elements to consider when restoring Dyke Marsh.

Representative Quote(s): **Corr. ID:** 84

Organization: *Not Specified*

Comment ID: 79248

Organization Type: Unaffiliated Individual

Representative Quote: Rebuild the "long bridge," (which is actually a boardwalk causeway I guess?). It was once more level, but the bridge developed some topography after hurricane Isabel came through. Even before then the boards were

degrading so that it was super bumpy with nails popping up. Now some of the boards have been replaced with new ones but it still has some ups and downs suggesting it needs new pilings.

Corr. ID: 231

Organization: *Not Specified*

Comment ID: 79305

Organization Type: Unaffiliated Individual

Representative Quote: Among the issues I'd like to see addressed are: restoration of the wetlands, taking careful care as to the long-term viability of the wetlands; the removal of construction and other debris and assuring such does not accumulate again; the control of invasive species and re-introduction of our native plants; tidal flow restoration; development of methods of preventing erosion, including wave and wake action;

Corr. ID: 249

Organization: Friends of Little Hunting Creek

Comment ID: 78660

Organization Type: Conservation/Preservation

Representative Quote: Some restoration is needed just to mitigate the effect of years of neglect of this site.

Corr. ID: 281

Organization: The Audubon Society of Northern Virginia

Comment ID: 79707

Organization Type: Conservation/Preservation

Representative Quote: We also recommend that the plans focus on restoring wetlands lost to excavation, removing construction debris, restoring tidal flows and addressing erosion and sediment supplies, sea level rise, impacts of river and marsh traffic, poaching, hunting, fishing, pollution, runoff, noise and trash.

PSALT1100 - Restoration Elements-Education

Concern ID:

17592

**CONCERN
STATEMENT:**

Commenters noted that educational materials needed to be placed in the park in order for visitors to gain a better understanding of Dyke Marsh. Bird lists, online resources, placards, and educational signs were all suggested. Other commenters discussed the role of public education as a preservation mechanism for the marsh.

Representative Quote(s):

Corr. ID: 29

Organization: Friends of Dyke Marsh

Comment ID: 78808

Organization Type: Unaffiliated Individual

Representative Quote: Signage on what is prohibited is inadequate and educational signage about the habitat, the history, the birds, the plants, and insects there is nonexistent. It would even be good to educate people about the exotic, invasive plants that are overrunning the place. As a birder, I always look for and greatly appreciate having a bird list available when I visit a National Park for the first time. Years ago, bird lists were available at the entrance along with the other brochures. At least, a list of the Dyke Marsh birds should be posted there with other announcements.

Corr. ID: 246

Organization: *Not Specified*

Comment ID: 79420

Organization Type: Unaffiliated Individual

Representative Quote: More explanatory panels along the boardwalks would help teach users about the marsh environment and help enhance their appreciation for the marsh.

Corr. ID: 247

Organization: Georgetown University

Comment ID: 78680

Organization Type: Unaffiliated Individual

Representative Quote: As an ecologist, I have found Dyke Marsh to be a special, biologically rich, teaming ecosystem and wonderful outdoor classroom. It is desirable to have more interpretive signs at the Preserve, a nature center, and a detailed website about the Preserve for education of many people. The website

could discuss the biodiversity, topography, history, and hydrology of the Preserve. Some of this information is already on the Websites of Friends of Dyke Marsh, NPS, my GU lab, and elsewhere. However, a more complete on-line "book" about Dyke Marsh would inform people better about the great value of the Preserve. Students could read the "book" before they visit DMWP to increase the value of their trips and improve their overall scientific literacy

PSALT1200 - Restoration Elements-Recreation/Access

Concern ID: 17582

CONCERN STATEMENT: Many commenters suggested restoring the marsh while keeping recreational uses such as paddling, walkways, and rowing in mind. Several commenters also requested continued access to the marsh for such recreational activities.

Representative Quote(s): **Corr. ID:** 181 **Organization:** *Not Specified*

Comment ID: 78926 **Organization Type:** Unaffiliated Individual

Representative Quote: Other marsh lands have been destroyed by development within sight of so many people who might become more environmentally aware as they enjoy paddling around and through such a beautiful, fascinating spot

Corr. ID: 212 **Organization:** *Not Specified*

Comment ID: 79157 **Organization Type:** Unaffiliated Individual

Representative Quote: The restoration plan must incorporate these activities to assure their continuance. Boardwalks and trails should be maintained to allow the public on land to enjoy the marsh as long as they do not pose unnecessary impacts to the marsh itself.

Corr. ID: 247 **Organization:** Georgetown University

Comment ID: 78679 **Organization Type:** Unaffiliated Individual

Representative Quote: With more and more development of the WDC Area, Dyke Marsh will become more and more important as a place for appreciating nature, canoeing, fishing, hiking, kayaking, and other outdoor activities.

Corr. ID: 249 **Organization:** Friends of Little Hunting Creek

Comment ID: 78656 **Organization Type:** Conservation/Preservation

Representative Quote: Dyke Marsh is an ancient and beautiful freshwater tidal marsh that is unique in the Washington area and that is a delight to visit, on foot or by kayak. It offers important habitat for wildlife and recreational opportunities for humans.

Corr. ID: 278 **Organization:** City of Alexandria - Mayor

Comment ID: 79665 **Organization Type:** Town or City Government

Representative Quote: On behalf of the City of Alexandria, I want to express the City's support for the restoration of Dyke Marsh. Restoring one of the last remaining tidal marshes along the Potomac River in the Washington D.C. area will enhance the recreational and educational opportunities available for local residents and visitors alike.

PSALT1300 - Restoration Elements-Hydrology

Concern ID: 17584

CONCERN STATEMENT: Commenters suggested restoring tidal flows to the marsh for the health of the marsh and the ecological services that go along with natural tidal flows including flood protection. One commenter also suggested performing hydrological modeling before the actual restoration.

Representative Quote(s): **Corr. ID:** 29 **Organization:** Friends of Dyke Marsh
Comment ID: 78806 **Organization Type:** Unaffiliated Individual
Representative Quote: I am looking forward to hearing more about the alternative ways of doing this, but I certainly would like daily tidal flows reestablished so that the marsh will function more naturally and normally. I believe it is most important that a naturally functioning marsh be restored, even if it meant some restriction of visitor access.
Corr. ID: 216 **Organization:** Wellington Civic Association
Comment ID: 79184 **Organization Type:** Civic Groups
Representative Quote: A restored Dyke Marsh Wetland can aide in the control of storm water surges that negatively impact personal property along the river within our community.

The WCA fully supports the development of a plan for the restoration and long-term management of the entire 485 acres of Dyke Marsh.

Corr. ID: 225 **Organization:** *Not Specified*
Comment ID: 79269 **Organization Type:** Unaffiliated Individual
Representative Quote: I am firmly and enthusiastically in favor of restoring Dyke Marsh and increasing marsh and wetland along the Potomac River.

In considering such a project, there are two particular points I would like to emphasize:

- Unless we wish to pour time and money endlessly into the up-keep of the Marsh, its ecology and hydrology should be self-sustaining through natural processes.
- Those natural processes, especially soil deposition and erosion, are determined in large part by the interactions between the Potomac River and Hunting Creek just north of the Marsh.

Corr. ID: 235 **Organization:** City of Alexandria
Comment ID: 79354 **Organization Type:** Town or City Government
Representative Quote: This restoration will help reestablish historic tidal flows and provide an improved ecosystem that will benefit the overall Potomac Watershed and aide in meeting the requirements of the Chesapeake Bay Act.

PSALT1400 - Restoration Elements-Ecological Services

Concern ID: 17585

CONCERN STATEMENT: Commenters stated that restoration of the wetlands will provide significant ecological services to the surrounding area and environment. In addition, it was suggested the restoration of Dyke Marsh would decrease flooding in neighboring areas.

Representative Quote(s): **Corr. ID:** 202 **Organization:** Porto Vecchio and FODM
Comment ID: 79116 **Organization Type:** Unaffiliated Individual
Representative Quote: The restoration of Dyke Marsh can improve the ecological services provided by the wetland, enhance the historic landscape intended by Congress for the George Washington Memorial Parkway, promote scientific research and educational programs, and offer the public more opportunities for recreation and nature study.
Corr. ID: 228 **Organization:** Fairfax County Wetlands Board
Comment ID: 79286 **Organization Type:** Conservation/Preservation
Representative Quote: Wetlands provide ecological services such as water quality enhancement, resident and migratory wildlife habitat, spawning and nursery

grounds, attenuation of tidal energy, shoreline stabilization, protection against erosion from waves and currents and control of flooding. A restored Dyke Marsh can enhance these ecological services.

Corr. ID: 249 **Organization:** Friends of Little Hunting Creek

Comment ID: 78657 **Organization Type:** Conservation/Preservation

Representative Quote: Restoring the wetland would improve the quality of the Potomac and the Chesapeake Bay, by increasing the amount of sediment and pollutants removed from its waters.

Corr. ID: 257 **Organization:** The Friends of Dyke Marsh

Comment ID: 79225 **Organization Type:** Conservation/Preservation

Representative Quote: Improve ecosystem services and native habitat for fish, wildlife and other biota.

Corr. ID: 266 **Organization:** *Not Specified*

Comment ID: 79543 **Organization Type:** Unaffiliated Individual

Representative Quote: We the undersigned strongly support the National Park Service's efforts to prepare restoration and management plans for Dyke Marsh. The restoration of this site presents rare opportunities to restore important habitat in a heavily developed, suburban area along the Potomac River. Wetlands like Dyke Marsh once lined the river and provided many ecological services, such as stemming floods and reducing erosion.

PSALT1500 - Restoration Elements-Invasive/Exotic Plants

Concern ID: 17586

CONCERN STATEMENT: Commenters suggested that invasive/exotic plants be removed from Dyke Marsh as part of the restoration.

Representative Quote(s): **Corr. ID:** 121 **Organization:** *Not Specified*

Comment ID: 79513 **Organization Type:** Unaffiliated Individual

Representative Quote: The presence of alien invasive species is obvious. It would be wonderful if restoration of tidal activity eliminated much or all of the alien species. However, if this is not successful, I think that direct, aggressive measures (e.g. removal by hand) is fully justifiable. Volunteers could be used to provide manpower, although some training may be necessary.

Corr. ID: 243 **Organization:** Audubon Society of Northern VA

Comment ID: 79395 **Organization Type:** Unaffiliated Individual

Representative Quote: INVASIVE EXOTIC PLANTS - The reduction of biodiversity caused by invasive exotic plants, especially at the level of infestation seen at Dyke Marsh, is a serious issue, as I'm sure you know. The sub-tropical vines are some of the most serious exotics as they can literally wipe out whole forests. The Porcelian Berry at Dyke Marsh is extensive and is destroying many native tress, shrubs and native vines. As many invasive as exist at Dyke marsh, I would suggest making Porcelian Berry one of the top priorities and developing a 10 year plan to remove and replant with native. Create a Weed Warrior volunteer group to tackle the issue with NPS guidenance and direction.

PSALT1600 - Restoration Elements-Reintroduce Native Plants

Concern ID: 17588

CONCERN STATEMENT: Commenters suggested planting native plants during the restoration process to increase the stability of the marsh and improve biodiversity.

Representative Quote(s): **Corr. ID:** 73 **Organization:** *Not Specified*
Comment ID: 79153 **Organization Type:** Unaffiliated Individual
Representative Quote: At a minimum, I'd like to see the existing marsh stabilized and the plant diversity increased (exotic invasives removed, native plants that support wildlife restored/increased).
Corr. ID: 213 **Organization:** Friends of Dyke Marsh
Comment ID: 79167 **Organization Type:** Unaffiliated Individual
Representative Quote: I would like to see a trail winding off through the woods where spring ephemerals like May apple, ramps, phlox, and Virginia bluebells would grow in well-drained alluvial soil in the spring and where other shade-loving herbs and shrubs would thrive year round. I would love to see appropriate species in the native herb and shrub layers that are found in the flood plain of the Potomac Gorge encouraged in the flood plain at Dyke Marsh, if the non-natives could be removed permanently at Dyke Marsh.
Corr. ID: 257 **Organization:** The Friends of Dyke Marsh
Comment ID: 79226 **Organization Type:** Conservation/Preservation
Representative Quote: Take steps and adopt a management plan to enhance and manage native plants and animals and biodiversity and minimize non-natives.

PSALT1700 - Restoration Elements-Sedimentology

Concern ID: 17590

CONCERN STATEMENT:

Commenters stated that soil deposition and erosion in the marsh should be taken into consideration when carrying out the restoration plan. Some commenters voiced concern over using appropriate fill for restoration.

Representative Quote(s): **Corr. ID:** 202 **Organization:** Porto Vecchio and FODM
Comment ID: 79117 **Organization Type:** Unaffiliated Individual
Representative Quote: 1. Restore wetlands lost to excavation (filling in the areas once dredged)
2. Use appropriate fill
3. Consider the sediment at the confluence of Hunting Creek/Porto Vecchio for fill
5. Prevent erosion, including wave and wake action
6. Study sediment deposition, including predictions for natural sustainability
Corr. ID: 212 **Organization:** *Not Specified*
Comment ID: 79156 **Organization Type:** Unaffiliated Individual
Representative Quote: The restoration, although limited to DM, should consider the regional factors that have contributed to the degradation of DM. Such factors as, but not limited to, the loss of submerged aquatic vegetation (SAV) in and around DM that slows water flow and allows sediment to settle...In order for a marsh to be sustainable, a sediment supply is necessary. Sediment supply must also be addressed by NPS...if DM is in fact sediment starved, the restoration attempts may be futile and constant sediment application to DM will be necessary. This constant need for artificial sediment application will prevent DM from being a sustainable marsh. If DM, after restoration, is not sustainable, the economic implications may be quite high.
Corr. ID: 213 **Organization:** Friends of Dyke Marsh
Comment ID: 79170 **Organization Type:** Unaffiliated Individual
Representative Quote: I recommend that the marsh be allowed to fill in on its own schedule (geological time scale, probably). The only reason to spend money and effort to fill it in would be if there is a NPS marina (or private marina, if legally allowed) in the area that needs to be dredged and if the fill from the dredging could

be used at Dyke Marsh. I have reservations about filling in where gravel and sand were mined unless it is in connection with dredging in a nearby marina which needs to be dredged.

PSALT1800 - Restoration Elements-Wildlife and Habitat

Concern ID: 17591

CONCERN STATEMENT: Commenters pointed out that the marsh is important habitat for many species of wildlife and restoration should be conducted so as to provide continued habitat for said species and increase the abundance of such species. Commenters mention water fowl, other birds, fish, mammals, and insects.

Representative Quote(s): **Corr. ID:** 37 **Organization:** Potomac Bassmasters
Comment ID: 78868 **Organization Type:** Unaffiliated Individual
Representative Quote: The marsh is a valuable spawning ground for all types of fish found in the Potomac, including endangered species such as the Sturgeon. Any restoration plan must include saving the spawning grounds.
Corr. ID: 198 **Organization:** Potomac Riverkeeper
Comment ID: 79102 **Organization Type:** Unaffiliated Individual
Representative Quote: It is wonderful that the National Park Service is going to look at restoring Dyke Marsh. As a canoeist and kayaker, I have gone there a number of times to experience the birds and other wildlife and have found it a beautiful and restorative place, but one in need of help. I hope the Park Service will conduct a detailed, science-based, long-term study of what can be done to restore the marsh in a sustainable way that will benefit recreationists, wildlife aficionados, and the plants and animals that depend upon the marsh for their existence.
Corr. ID: 243 **Organization:** Audubon Society of Northern VA
Comment ID: 79396 **Organization Type:** Unaffiliated Individual
Representative Quote: WETLAND RESTORATION - As complicated as wetland restoration is, Dyke Marsh is one of the largest and most significant tidal marshes in the D.C. area and doing whatever is necessary to preserve and/or restore the marsh system is of regional significance. The tidal marsh itself is the most important habitat in the park supporting such species as Least Bittern, Marsh Wren, Prothonotary Warbler, Great Egret, Needham's Skimmer (dragonfly), Royal River Cruiser (dragonfly), Unicorn Clubtail (dragonfly), Musk Turtle and numerous butterflies and native bees, especially important since pollinators all over the world are in decline. Using every resource at your disposal to ensure the long-term health and productivity of the park's marsh system through restoration should be a top priority

PSALT1900 - Restoration Elements-Protect Existing Marsh

Concern ID: 17812

CONCERN STATEMENT: Commenters expressed concerns related to the stability of the existing marsh, and thought it should be stabilized before additional restoration activities should be carried out.

Representative Quote(s): **Corr. ID:** 72 **Organization:** Ducks Unlimited, Alexandria Chapter
Comment ID: 79141 **Organization Type:** Recreational Groups
Representative Quote: We need to protect the marsh, to include marina, walkway, trail, and other public areas from the natural assault of wind and current
Corr. ID: 111 **Organization:** Friends of Dyke Marsh

Comment ID: 79452 **Organization Type:** Unaffiliated Individual

Representative Quote: I feel that the very first thing to do with Dyke Marsh is to stabilize the edges of the marsh. With the marsh then in better shape, deep holes can be filled in with, probably, rubble as sediment will eventually fill the crevases and create a new and higher marsh bed. If fairly shallow plants will start to grow.

PSALT1950 - Restoration Elements-Extent of Restoration

Concern ID: 17813

CONCERN STATEMENT: Commenters had many ideas related to the extent and location of restoration efforts, ranging from stabilizing existing marsh to expanding the marsh into areas that currently are not inundated by water.

Representative Quote(s): **Corr. ID:** 84 **Organization:** *Not Specified*

Comment ID: 79241 **Organization Type:** Unaffiliated Individual

Representative Quote: The project should not eliminate any existing stands of trees in the former marsh area simply to restore marshlands. Any marsh restoration efforts should be focused on other areas.

Corr. ID: 118 **Organization:** Friends of Dyke Marsh

Comment ID: 79487 **Organization Type:** Unaffiliated Individual

Representative Quote: I understand that the present haul road presents a barrier to restoring the original and natural water flow in an inundation of the Marsh. It should be removed and replaced by an elevated walkway along the east-west portion of the present walking path.

Corr. ID: 118 **Organization:** Friends of Dyke Marsh

Comment ID: 79485 **Organization Type:** Unaffiliated Individual

Representative Quote: 1. How much will the present Marsh be enlarged? Will the addition of fill re-join the islands to the public part? I suggest that the two islands be re-joined and that they be joined to the public part of the marsh, allowing a tidal inlet between them and the higher land to the west.

Corr. ID: 249 **Organization:** Friends of Little Hunting Creek

Comment ID: 78667 **Organization Type:** Conservation/Preservation

Representative Quote: The plan should distinguish between filling the holes left from the gravel dredging operations of 1950's through 1970's -- directed at stabilizing the present marsh □ and activities which might increase the area of emergent wetlands and marsh. Merely stabilizing the current marsh would go beyond current levels of preservation effort by the NPS. Increasing the area of emergent wetlands could be thought of as restoration, though it might bear little relation to the marsh in the 18th Century.

Corr. ID: 254 **Organization:** *Not Specified*

Comment ID: 79505 **Organization Type:** Unaffiliated Individual

Representative Quote: ample area and shape- when creating habitat, avoid linear-shaped fills along the forested mainland; instead, create wide polygons away from the mainland. This is optimal because it provides more interior marsh habitat and reduces edge effects (predation); " ample distribution of tidal guts-to provide more "waterfront" properties for the marsh wrens, and to allow the levee formation for promotion of dense cattail along the tidal guts (Contact Bob Blama, U.S. Army Corps of Engineers, Region 3 headquarters in Baltimore, for details on marsh design).

Corr. ID: 257 **Organization:** The Friends of Dyke Marsh

Comment ID: 79234 **Organization Type:** Conservation/Preservation

Representative Quote: Restore wetlands on the west side of the Parkway, north of

Belle Haven Road and south of Hunting Creek.

PSALT2000 - Oppose Restoration

Concern ID: 17593

**CONCERN
STATEMENT:**

Commenters stated opposition to the restoration for two reasons. Some believed that a cost benefit analysis must be completed. If the cost of restoration is more than preserving other land, it is not beneficial. Others stated that the restoration should not go forward if doing so will reduce the currently available recreational opportunities, including Belle Haven Marina.

Representative Quote(s): **Corr. ID:** 8 **Organization:** *Not Specified*

Comment ID: 78728 **Organization Type:** Unaffiliated Individual

Representative Quote: I oppose restoration to the extent that the restoration would eliminate or adversely affect current recreational uses, including the operation of a marina for powered boats, a boat ramp for launching motorized craft, together with fishing and hunting as currently permitted.

Corr. ID: 44 **Organization:** *Not Specified*

Comment ID: 78933 **Organization Type:** Unaffiliated Individual

Representative Quote: While I believe, as previously mentioned, that marshland is exponentially more valuable to wildlife than upland habitat, if it turns out, for example, that 500 acres of upland habitat could be purchased and permanently dedicated to parkland in perpetuity for the same price as restoring 60 acres of Dyke Marsh then, at some point, one must think about the greater use of scarce resources, i.e. money.

Corr. ID: 277 **Organization:** *Not Specified*

Comment ID: 79659 **Organization Type:** Unaffiliated Individual

Representative Quote: sediment deposition, including predictions for natural sustainability - In my 70-odd years of observing Big Hunting Creek, I know that its delta has been growing and silting the bay it flows into. What might prevent this trend from continuing? Seems to us that further silting can do no particular harm in that location, and might actually add to the wetland inventory. Leave it alone.

PSALT2100 - Restoration Elements-Funding

Concern ID: 17594

**CONCERN
STATEMENT:**

Commenters expressed concern over where the funding will come from to carry out restoration activities.

Representative Quote(s): **Corr. ID:** 7 **Organization:** *Not Specified*

Comment ID: 78726 **Organization Type:** Unaffiliated Individual

Representative Quote: I hope that the National Park Service is able to fully restore Dyke Marsh to its past quality but in doing so is able to also maintain and support activities such as hunting and fishing. Money raised through fees and stamps excised on hunters will no doubt pay for much of this restoration project and I hope that the people that provide that money will then be able to continue to use the area for both hunting and fishing. Hunting and fishing have both been able to co-exist successfully in many restored areas that are also used by kayakers, bird watchers and nature enthusiasts including many national refuges and other environmentally sensitive areas. I hope that the NPS is able to strike that successful balance at Dyke Marsh.

Corr. ID: 118 **Organization:** Friends of Dyke Marsh

Comment ID: 79489 **Organization Type:** Unaffiliated Individual

Representative Quote: 5. I expect that the amount of fill applied to the restoration will depend on available funding. Does NPS have prospective funding for the effort? Will additional funding be available as wetland compensation from projects elsewhere?

PSALT3000 - Addressing Pollution

Concern ID: 17596

**CONCERN
STATEMENT:**

Commenters expressed concern about the current pollution in the marsh, but also suggested that restoration will help reduce the pollution in the river. One commenter suggested running an oil contamination line around the marsh to collect surface oil pollution.

Representative Quote(s):

Corr. ID: 233

Organization: Friends of Dyke Marsh

Comment ID: 79324

Organization Type: Unaffiliated Individual

Representative Quote: The second associated problem is heavy metals. From the horrific levels of 40-50 years ago, they are far less impacting than they once were. But the river isn't drinking water, yet, either; nor will it ever be. And again, because the northern portion of the Marsh area is that natural eddy, things can stack up there and leach into the marsh area. So I wonder what tissue studies have ensued, for mercury, arsenic, lead, etc. If elevated, which I predict, then something needs to be done to prevent three-headed snapping turtles, infertility and egg degradation, and so on.

The only thing that has occurred to me is a constructed breakwater, along the northern boundary, from shore to out past the islands; approximating the pre-dredging northern outline of the Marsh (however, I do suspect there was inflow from the north). Once east of and south of the northern islands, the flow of the main channel takes over.

Corr. ID: 233

Organization: Friends of Dyke Marsh

Comment ID: 79321

Organization Type: Unaffiliated Individual

Representative Quote: One measure, which I think I proposed then and got nixed for practicality, is to run an oil-spill containment line from the shore, to the big island, along the southern edge of the mooring area. This, however, requires ongoing maintenance and some way to pick-up and dispose of the collected contaminants - at a price, obviously.

The fact remains, however, that the outlet for this eddy is the constricted flow at the point (Haul Road terminus) and the southern tips of the two islands there. Unless the surface contaminants are stopped or diverted, this funneling brings them right to the heart of the Marsh. A breakwater extending 50 to 100 yards from the point would divert surface contaminants back to the main channel and away from the more southerly and extensive marsh area. This, however, is an alternative to restoring the northern area in its entirety.

Public Scoping Adaptive Management

PSAM1000 - Adaptive Management

Concern ID: 17597

**CONCERN
STATEMENT:**

Representative Quote(s):

Commenters suggest that as new information and knowledge about wetlands management and restoration is learned, NPS should adapt its management strategies to best protect the marsh.

Corr. ID: 117

Organization: FRIENDS OF DYKE MARSH

Comment ID: 79468

Organization Type: Unaffiliated Individual

Representative Quote: The ultimate objective should be restoration of the contours, vegetation and to the maximum extent possible ecosystems of the marsh roughly to their pre-dredging state. However, the best must not become the enemy of the good enough. Given rising sea levels and ever-increasing human impacts, time is of the essence. Sound planning should provide for immediate protection, rough restoration of the marsh boundaries, and ecosystem rebuilding in a time-phased fashion.

Corr. ID: 247

Organization: Georgetown University

Comment ID: 78689

Organization Type: Unaffiliated Individual

Representative Quote: As the NPS manages DMWP, it should continue to hone its practices in view of new knowledge about the Preserve. Further scientific studies should help adaptive management.

Corr. ID: 247

Organization: Georgetown University

Comment ID: 78683

Organization Type: Unaffiliated Individual

Representative Quote: The NPS should produce a detailed Environmental Impact Statement for DMWP that would be useful in restoring the Preserve. I suggest that restoring the Marsh in steps over several years is the best strategy. As the NPS restores different parts of the Marsh, it can practice adaptive restoration and learn better about how to restore and manage restored areas as the process proceeds.

Public Scoping Cumulative Impacts/Connected Actions

PSCII000 - Cumulative Impacts/Connected Actions

Concern ID: 17599

**CONCERN
STATEMENT:**

Representative Quote(s):

Commenters mentioned numerous projects that should be considered when analyzing the connected/cumulative impacts for this plan.

Corr. ID: 78

Organization: Not Specified

Comment ID: 79190

Organization Type: Unaffiliated Individual

Representative Quote: 4) Nile Virus mosquito control is a serious threat to the Dyke Marsh budget. Perhaps dealing with competing budget needs should be settled first, before proceeding? There is now no mosquito spraying to my knowledge, but we can no longer feel safe sitting in our back patio in the evening because of the Nile Virus issue!

a. if you cut the mosquito population however, all those spider species in Dykes Marsh would lose something off their dinner menus.

Corr. ID: 84

Organization: Not Specified

Comment ID: 79256

Organization Type: Unaffiliated Individual

Representative Quote: URS Corporation has been asked by FEMA to examine flood control measures for the City of Alexandria. They are planning a "pilot study" for how to control flooding of lower King Street. I do not know the status of their progress on this study, but being upriver it might also be seen as a connected action and could potentially have cumulative effects to considerations of water quality or essential fish habitat.

Corr. ID: 247

Organization: Georgetown University

Comment ID: 78684

Organization Type: Unaffiliated Individual

Representative Quote: Factors such as climate and sea-level change, grazing Canada Geese, invasive species, and motor boats may counter restoration efforts. The NPS should understand these factors as well as possible, and restore the Marsh in full view of them.

Corr. ID: 251

Organization: *Not Specified*

Comment ID: 79480

Organization Type: Unaffiliated Individual

Representative Quote: Projects that may be affected or affect this restoration effort include future operations of the Marina that abuts the Preserve, recreational boating use from National Harbor and other locations, and the potential for increased river traffic with the completion of the higher Woodrow Wilson bridge.

Corr. ID: 257

Organization: The Friends of Dyke Marsh

Comment ID: 79240

Organization Type: Conservation/Preservation

Representative Quote: Evaluate the impact of activities on the marsh, including river traffic, current and predicted; fishing, poaching and hunting; pets; walking and hiking; nature study; photography; other recreational activities; research; surveys; installation of nest boxes; stormwater runoff; increase in impervious surfaces in the watershed; pollution; trash; debris; sedimentation; noise; air pollution; water pollution; use of herbicides and pesticides.

Corr. ID: 257

Organization: The Friends of Dyke Marsh

Comment ID: 79242

Organization Type: Conservation/Preservation

Representative Quote: Evaluate the "urbanization effects" outlined by Katia Engelhardt in *Should We Restore Dyke Marsh?*, November 4, 2004.

Corr. ID: 257

Organization: The Friends of Dyke Marsh

Comment ID: 79237

Organization Type: Conservation/Preservation

Representative Quote: Analyze the alterations made in Hunting Creek and their impact on Dyke Marsh. Take steps to address adverse impacts.

Public Scoping Issues

PSI1000 - Hunting

Concern ID:

17595

**CONCERN
STATEMENT:**

Many general comments were received regarding hunters and hunting, with it being noted that hunters play an important part of conservation and preservation efforts.

Representative Quote(s):

Corr. ID: 2

Organization: *Not Specified*

Comment ID: 78711

Organization Type: Unaffiliated Individual

Representative Quote: understand some citizens are calling for the cessation of waterfowl hunting near the Dyke Marsh on the grounds that hunting is counter productive to the sanctuary the marsh provides to legal fowl. I would contend that many of the licensing fees we hunters pay partially fund efforts to restore and maintain waterfowl populations and the hunting regulations are established so there isn't an irreparable impact on any one species.

Corr. ID: 72

Organization: Ducks Unlimited, Alexandria Chapter

Comment ID: 79140

Organization Type: Recreational Groups

Representative Quote: The restoration and environmental impact statement plans should focus on the protection of Dyke Marsh and not be drawn into the peripheral anti-hunting movement (a small, but vocal group). Hunters appreciate this beautiful, scenic marsh as anyone and are active contributors to preservation of marshes and wetlands.

PSI1200 - Hunting-Eliminate

Concern ID: 17598

CONCERN STATEMENT: Some commenters expressed concern over current hunting regulations and associated activities near the marsh.

Representative Quote(s): **Corr. ID:** 111 **Organization:** Friends of Dyke Marsh

Comment ID: 79455 **Organization Type:** Unaffiliated Individual

Representative Quote: I am against hunting near the marsh for various reasons. First with all the river traffic kayaks and canoes and wind servers and small and large boats. There will be much more traffic in the river with the opening of Washington Harbor. Also disturbs the wildlife, avian and mammal, in the bays, river and on land.

Corr. ID: 198 **Organization:** Potomac Riverkeeper

Comment ID: 79104 **Organization Type:** Unaffiliated Individual

Representative Quote: I strongly believe that hunting in a heavily populated area such as this where wildlife is a rare and precious amenity should be prohibited and this prohibition strictly enforced.

Corr. ID: 226 **Organization:** *Not Specified*

Comment ID: 79281 **Organization Type:** Unaffiliated Individual

Representative Quote: I am adamantly opposed to waterfowl hunting in and around the Marsh.

PSI1400 - Hunting-Maintain

Concern ID: 17605

CONCERN STATEMENT: Many commenters noted that hunting is a legitimate form of outdoor recreation and current hunting patterns near the marsh are satisfactory and safe. A few commenters suggested expanded hunting within the marsh itself. Commenters also noted the legitimacy of hunting near the marsh and suggested it be preserved.

Representative Quote(s): **Corr. ID:** 42 **Organization:** *Not Specified*

Comment ID: 78891 **Organization Type:** Unaffiliated Individual

Representative Quote: Hunting is an american legacy. With the lack of public access nationwide

it is of the utmost importance to preserve hunting rights and access. The fact that development is encroaching on many wild spaces makes it even more urgent to protect the rights of hunters. If people don't feel comfortable near hunting areas then they shouldn't purchase a house near a hunting area. To me this is as ridiculous as buying on a golf course and after having balls land in your yard try to stop people from playing golf next to your house. It just isn't fair for the few to dictate whether or not hunting should be allowed just because they don't like it.

Corr. ID: 59 **Organization:** *Not Specified*

Comment ID: 79007 **Organization Type:** Unaffiliated Individual

Representative Quote: It is extremely important that lands like Dyke Marsh remain open to hunting given the conservation support that hunters (waterfowlers in particular) have exercised over the last one hundred years.

Corr. ID: 206 **Organization:** *Not Specified*

Comment ID: 79137 **Organization Type:** Unaffiliated Individual

Representative Quote: As a hunter I realize the importance for safety in an environment such as this, but not one single injury to nearby residents nor their

property has been reported that can be attributed to the hunting taking place in the marsh.

In light of these I feel very strongly that the hunting opportunities in Dyke Marsh continue for the foreseeable future.

Corr. ID: 212 **Organization:** *Not Specified*

Comment ID: 79159 **Organization Type:** Unaffiliated Individual

Representative Quote: Furthermore, although hunting in DM proper is not permitted, it is however permitted along the outside boundary of DM as declared by VA state law. Hunting is a long-time tradition and ethical outdoor activity and should continue. The existing buoys placed by the Virginia Department of Game and Inland Fisheries along DM are well over the required distance of 100 yards from homes and roads and do not present any safety issues to the public. Additionally, hunting from these buoys is already limited to Monday, Wednesday, and Friday during the Virginia waterfowl hunting season. This is more than enough of a compromise for the non-hunting public that utilizes DM, as they can visit DM any day of the week and have the more convenient weekends hunter free. Waterfowl hunting around DM is of great importance to Virginia hunters as was exhibited by the overwhelming number of hunters at the initial scoping meeting held by NPS on April 22, 2008. Bottom-line, we must remember this is a public area and certain members of the public should not be denied use of the area especially if they do not harm the area itself.

PSI2000 - Boating

Concern ID:

17610

**CONCERN
STATEMENT:**

A majority of comments received regarding boating favored preserving the current use and regulation and noted that a reduction would not be in the public's best interest. One commenter noted that if boating is the cause for increased erosion then it should be more heavily regulated, not banned from the marsh.

Representative Quote(s):

Corr. ID: 33 **Organization:** *Not Specified*

Comment ID: 78814 **Organization Type:** Unaffiliated Individual

Representative Quote: Please do not restrict access of bellhaven for boat use! I have been using this area for more than twenty years

Corr. ID: 34 **Organization:** *Not Specified*

Comment ID: 78815 **Organization Type:** Unaffiliated Individual

Representative Quote: I believe that public wetlands should provide access to the boating, fishing, and hunting community within safety limitations. However I also believe that limitations may be warranted for any activity that may have a negative impact on the environment. Perhaps boat launching in such areas could be restricted to small motors, electrical motors and unpowered small craft (as we currently have on the Occaquan Reservoir). Or perhaps limitations on the number of days boat launching is permitted, or some other means that may be needed to protect the habitat without shutting out use of the resource by taxpaying citizens interested in enjoying it while protecting it.

Corr. ID: 75 **Organization:** *Not Specified*

Comment ID: 79165 **Organization Type:** Unaffiliated Individual

Representative Quote: With boating facilities increasing more difficult to find, Belle Haven Marina stands as one of the few available resources of its kind. I contend that one of the best ways to educate our youth about the value of our natural resources is to help them appreciate its beauty. Seeing this river from the shoreline can be stunning but not nearly as breathtaking as looking back towards

the shore from a boat. Understanding of tidal movement, current, the importance of different bottom characteristics and the like can't be readily processed from standing on the shore.

While a support maintaining Dyke Marsh, I do not believe it excludes the great benefit Belle Haven Marina brings it!

PSI2200 - Boating-Reduce/Eliminate Motorized Use

Concern ID: 17616

CONCERN STATEMENT: Commenters noted that boat wakes and wash could be a major mechanism of erosion in the marsh. As such, several commenters suggested reduced or complete elimination of motorized boating near the marsh.

Representative Quote(s): **Corr. ID:** 232 **Organization:** NVCT

Comment ID: 79313 **Organization Type:** Unaffiliated Individual

Representative Quote: The Park Service needs to carefully balance protection of the Marsh with the public's right to navigate the waters around it. Heretofore, the Service has only attempted to regulate small-group kayak and canoe tours. NVCT respectfully notes that such uses have minimal if any impacts on the Marsh or its native inhabitants. To the contrary, motorized watercraft usage, both from Park Service lands and by water access, has significantly more potential impact, yet is not regulated at all.

Corr. ID: 233 **Organization:** Friends of Dyke Marsh

Comment ID: 79318 **Organization Type:** Unaffiliated Individual

Representative Quote: Always a concern is the abutting Bellehaven marina. I do not think they are by definition incompatible, nor advocate the marina must go. But there is no question that motorized boating has caused pollution on an ongoing basis, as well as bow and wake wash, which, despite protests to the contrary, does have a negative impact.

Concern ID: 17618

CONCERN STATEMENT: Commenters suggested that normal private motorized boating and sailing has little impact on the marsh while the large barges and tour boats on the Potomac create large wakes and wash that do erode the marsh.

Representative Quote(s): **Corr. ID:** 154 **Organization:** *Not Specified*

Comment ID: 78704 **Organization Type:** Unaffiliated Individual

Representative Quote: There is an unfortunate misconception that the boat traffic in and out of the marina is eroding the marsh and must be stopped, when the real culprit is all the large tour boats and barges that ply the river. Unless the wave action from these boats is curtailed, the marsh will continue to erode regardless of the marina. The marina traffic is such an insignificant portion of this and sailboats in particular do not create destructive wakes.

Corr. ID: 201 **Organization:** *Not Specified*

Comment ID: 79112 **Organization Type:** Unaffiliated Individual

Representative Quote: The boat traffic in and out of the marina does not effect the marsh near as much as the large tour boats and barges. Unless the wave action from these boats is curtailed, the marsh will continue to erode regardless of the marina. Sailboats in particular do not create destructive wakes.

PSI2400 - Boating-Maintain Motorized Use

Concern ID: 17622

**CONCERN
STATEMENT:**

Commenters stated that motorized boating and the marsh restoration are not mutually exclusive. Commenters suggested that responsible motorized boating practices can effectively render threats to the marsh caused by boats negligible. In addition, some commenters noted that current use of the marsh by motorized boats is not damaging and should be continued.

Representative Quote(s): **Corr. ID:** 170 **Organization:** *Not Specified*

Comment ID: 78772 **Organization Type:** Unaffiliated Individual

Representative Quote: I see no conflict in the simultaneous existance of both "facilities". To my knowledge there has been no conflict over the past years. With the exception of boat owners who keep their boats in rental slips at the marina, sailboats and other non-powered craft are the only water vehicles available at the marina and they certainly impose no danger to the Dyke Marsh environment. As for the power boat dockages, in the years that I have been using Belle Haven Marina facilities I am unaware of any spillage or other incident that has posed a danger of any kind to the Dyke Marsh. Therefore, I am unable to understand why both of these facilities cannot continue to simultaneously exist as they have in the past.

Corr. ID: 192 **Organization:** *Not Specified*

Comment ID: 79000 **Organization Type:** Unaffiliated Individual

Representative Quote: I also have a boat at the Belle Haven marina. We are very much aware of the potential pollution that can be caused by carelessness, and we all make an effort to prevent any potential hazards, whether real or perceived. Most of the boats are sail boats, the few power boats are typically used on the weekends and our path out does not compromise the wetlands.

We (boat owners) all adhere to strict environmental rules and the marina operators provide environmentally friendly cleaning supplies as needed to occasionally wipe down the boats. It would be unfair to even consider closing our marina because it is enjoyed by so many people.

Corr. ID: 197 **Organization:** *Not Specified*

Comment ID: 79101 **Organization Type:** Unaffiliated Individual

Representative Quote: I utilize the Bell Haven Marina for recreational sailing and small craft. Please do not close the site or revoke the authority to operate because this is a great venue to recreate. Use of this site as a marina should continue, but in a way that does not harm the ecosystem.

PSI2600 - Boating-Nonmotorized Use

Concern ID: 17627

**CONCERN
STATEMENT:**

Commenters stated that non-motorized use such as kayaking, sailing, and rowing have little to no harmful impacts on the marsh and as such these activities should be allowed to continue.

Representative Quote(s): **Corr. ID:** 145 **Organization:** *Not Specified*

Comment ID: 78649 **Organization Type:** Unaffiliated Individual

Representative Quote: I am the head of the Junior sailing Program at the marina and am adamant that the marina is an valuable part of this community and a place which allows myself, others like me, and hopefully generations to come a place to share their enjoyment of sailing, kayaking, conoeing , and boating on the Potomac River. It would be devistating to not have the marina around to share with my

children and pass it down to them.

Corr. ID: 222 **Organization:** West Potomac Crew Boosters, Inc.

Comment ID: 79206 **Organization Type:** Recreational Groups

Representative Quote: It makes sense to connect the local high school with Dyke Marsh by allowing rowing activities to be based on the fast land adjacent to the marsh...Rowing is highly compatible with protecting and enhancing the ecological values delivered by Dyke Marsh and will create an opportunity to expose a key audience (young people) to this important wetland while protecting it.

Corr. ID: 267 **Organization:** *Not Specified*

Comment ID: 79557 **Organization Type:** Unaffiliated Individual

Representative Quote: There is debate currently about the value of the marina at the north end of the marsh. I think that this marina should continue to exist, and should promote low-impact enjoyment of the Marsh and river; thus it should emphasize fishing, kayaking, canoeing, and sailing, and de-emphasize large power boat use.

PSI2900 - Boating-Education

Concern ID: 17601

CONCERN STATEMENT: Commenters suggested the importance of Belle Haven Marina for providing education about boating safety.

Representative Quote(s): **Corr. ID:** 166 **Organization:** self

Comment ID: 78757 **Organization Type:** Unaffiliated Individual

Representative Quote: Finally, Belle Haven teaches valuable water-safety and life-protecting skills, and respect for the Potomac River, natural environment and collaboration with others to achieve common goals.

PSI3000 - Eliminate Construction on Riverbank

Concern ID: 17602

CONCERN STATEMENT: Commenters expressed concern over activities occurring along the river and suggested NPS do all that it can to protect the marsh and prevent future development.

Representative Quote(s): **Corr. ID:** 234 **Organization:** *Not Specified*

Comment ID: 79352 **Organization Type:** Unaffiliated Individual

Representative Quote: I urge the NPS and all involved planning authorities to exercise their power and protect Dyke Marsh and the surrounding river areas by restoring wetlands lost to excavation, limiting pollution, limiting commercial and noisy boats out of National Harbor, eliminating duck hunting, and halting construction along the river banks.

PSI4000 - Global Climate Change/Sea Level Rise

Concern ID: 17816

CONCERN STATEMENT: Several commenters expressed concern over the role that global climate change, and particularly sea level rise, will play on the long term restoration of Dyke Marsh.

Representative Quote(s): **Corr. ID:** 161 **Organization:** *Not Specified*

Comment ID: 78730 **Organization Type:** Unaffiliated Individual
Representative Quote: Finally, and unfortunately, if the level of the oceans rise as many scientists are predicting, people should be able to experience the Potomac for themselves before it is underwater. This part of the Potomac is tidal, and as such, will rise as the level of the Atlantic Ocean, Chesapeake Bay and all its tidal tributaries rise. This place should be saved, for one more generation to experience it the way previous generations did, before it is gone.
Corr. ID: 254 **Organization:** *Not Specified*

Comment ID: 79508 **Organization Type:** Unaffiliated Individual
Representative Quote: Comment on impacts to Dyke Marsh from climate change and potential sea-level rise- Restoration is still the right thing to do despite growing evidence that the area may become submerged. It will buy the wren population time to grow and become a source population for future emergent marshes that are created; today's tidal emergent marsh will be tomorrow's aquatic habitat for SAVs, fish, mussels, crabs, and other organisms; and even when submerged will still continue to provide ecosystem functions such as filtering, buffering, and erosion protection of the mainland.
Corr. ID: 274 **Organization:** *Not Specified*

Comment ID: 79597 **Organization Type:** Unaffiliated Individual
Representative Quote: Some are concerned about the effect of global warming and the rise of sea level and tidal areas on Dyke Marsh. All ecological systems are dynamic, not static, so are subject to a certain amount of change. IF the restoration were to try to freeze the marsh like a living diorama, global warming would be a concern. The restoration, however, should free up the ecological processes. The correlation of data in Myrick and Leopold (#8) at Dyke Marsh indicates this marsh has existed for at least 5000 years [3000 B.C.]. In this period of time the climate has warmed and cooled. Sea level has risen and fallen. The Climatic Optimum (5600 to 2500 B.C.), a warm period followed by the Cochrane glacial readvance (6800 - 5600 B.C.). The Little Ice Age (A.D. 1500 to 1900) and the world-wide warming since 1880 continues today at an accelerated rate (#10).

Public Scoping Suggested Impact Topics

PSIT1000 - Wildlife & Wildlife Habitat

Concern ID: 17603
CONCERN STATEMENT: Commenters suggested that the restoration and planned future use of the marsh should consider the impact such actions will have on dispersing wildlife out of the marsh. Commenters also noted that the marsh is a wildlife preserve, and therefore protecting wildlife and its habitat should be the primary goal of the restoration.

Representative Quote(s): **Corr. ID:** 117 **Organization:** FRIENDS OF DYKE MARSH
Comment ID: 79466 **Organization Type:** Unaffiliated Individual
Representative Quote: contrast to the majority of the Mount Vernon Parkway area, Dyke Marsh has been specifically mandated to be a wildlife reserve. Thus, conservation of the existing resources, protecting and enhancing wildlife, and preserving and enhancing the natural ecosystems that support wildlife must take precedence over all other activities. Dyke Marsh is NOT a multiple-use area, it is not a doggie park, it is not a water sports and recreation area. These are all valuable and valued activities, but they are supported by other public areas. Dyke Marsh is for wildlife.
Corr. ID: 229 **Organization:** VA Dept. of Game and Inland Fisheries

Comment ID: 79295 **Organization Type:** State Government

Representative Quote: In addition, the Potomac River has been designated a Confirmed Anadromous Fish Use Area. Anadromous fishes use the Potomac River in this area mainly as a migratory pathway during late winter into late spring for movement to spawning grounds. We recommend that all marsh and shoreline activities be performed in a manner protective of this resource. We support activities aimed at improving water quality, reducing sedimentation, and restoring spawning and nursery habitats for all aquatic species, including anadromous fishes. We recommend coordination with our agency regarding the protection and enhancement of these resources.

PSIT1200 - Wildlife & Wildlife Habitat-Birds

Concern ID: 17604

CONCERN STATEMENT: Commenters made special note of the importance of the marsh to the Marsh Wren for habitat and noted the importance of restoring the marsh to protect the Marsh Wren and other bird species using the marsh including Osprey, Eagles, shorebirds, waterfowl, and migratory birds.

Representative Quote(s): **Corr. ID:** 229 **Organization:** VA Dept. of Game and Inland Fisheries
Comment ID: 79294 **Organization Type:** State Government

Representative Quote: Upon review of our data for the presence of listed wildlife resources, it has been determined that although no state Threatened bald eagle nesting locations are documented on or immediately adjacent to the Preserve, Dyke Marsh serves as an important foraging area for this species. We recommend that all restoration and management activities initiated on the Preserve are performed in a manner protective of this species and in enhancement of foraging habitat. We recommend that the NPS coordinate closely with our agency regarding the protection of bald eagles on this site.

Corr. ID: 238 **Organization:** Virginia Society of Ornithology

Comment ID: 79370 **Organization Type:** Conservation/Preservation

Representative Quote: The species of principal concern to bird conservation at Dyke Marsh are Marsh Wren, Least Bittern and Virginia Rail. Our main comments therefore are that the restoration and management plan - and preceding research and environment impact assessments - explicitly take the conservation of these species fully into account; and that, should there be any conflicting objectives, the conservation of these species should take precedence.

Corr. ID: 257 **Organization:** The Friends of Dyke Marsh

Comment ID: 79244 **Organization Type:** Conservation/Preservation

Representative Quote: Restore and expand habitat for the Marsh Wren, King Rail, Virginia Rail, and Least Bittern, as well as other birds and animals, especially those which have declining populations (See page 68, Should We Restore Dyke Marsh?, November 4, 2004)

PSIT2000 - Park Management

Concern ID: 17606

CONCERN STATEMENT: Commenters suggested that the park boundaries and rules need to be better marked and enforced to protect the marsh from hunters, power boats, illegal behavior in general, pollution, trash, and dogs. Signage elaborating these rules is also suggested.

Representative Quote(s): **Corr. ID:** 115 **Organization:** Friends of Dyke Marsh
Comment ID: 79463 **Organization Type:** Unaffiliated Individual
Representative Quote: --Having paddled a canoe in the Marsh and birded on Haul Road, I know full well from the observed human behavior that signs are critically needed, to delineate borders and to indicate proper and legal behavior. And enforcement is needed too. These are steps that must accompany efforts to restore. These two activities are the ways I enjoy Dyke Marsh and restoration would preserve the birdlife that is so vital a part of the Marsh now; waterways with quiet vistas are also very important.

Corr. ID: 117 **Organization:** FRIENDS OF DYKE MARSH
Comment ID: 79467 **Organization Type:** Unaffiliated Individual
Representative Quote: For effective conservation and restoration of this protected area, its boundaries must be clearly identified and marked. Enforcement of regulations to protect the Marsh is impossible without a clear delineation of the protected area. This is a simple and inexpensive task that should be accomplished NOW. It does not need to await completion of studies and plans.

Corr. ID: 247 **Organization:** Georgetown University
Comment ID: 78682 **Organization Type:** Unaffiliated Individual
Representative Quote: Many people seem at least partly ignorant of the fragility of nature preserves and rules of conduct in national parks. The NPS should certainly continue to enforce laws regarding fishing, poaching, and using motorized boats in the Preserve. The NPS should clearly mark boundaries of the Preserve to be sure that boaters, skiers, and other know when they are in the park and encourage them to behave appropriately. Some people evidently do not know that they should not take things from national parks, such as flowers, frogs, small turtles, and toads. Many boaters seem unaware of the full damage that motor boats can do to a fragile preserve.

PSIT3200 - Visitor Use & Experience-Education

Concern ID: 17608
CONCERN STATEMENT: Commenters stated they have enjoyed the use of the marsh for educational purposes and specifically point out the informational signs along the boardwalk as an example of that educational use.

Representative Quote(s): **Corr. ID:** 162 **Organization:** *Not Specified*
Comment ID: 78734 **Organization Type:** Unaffiliated Individual
Representative Quote: The marina and marsh encourage environmentally friendly use of the Potomac river. As a longtime resident of Alexandria and parent I have enjoyed watching my sons learn how to sail and respectfully interact with the marsh area and associated wildlife.

Corr. ID: 166 **Organization:** self
Comment ID: 78756 **Organization Type:** Unaffiliated Individual
Representative Quote: It further provides valuable services to parents who seek reliable assistance for child and teen supervision and education during the summer, when school is out, parents are at work and children and teens need affordable and engaging experiences to give purpose and meaning to their summers.

Corr. ID: 246 **Organization:** *Not Specified*
Comment ID: 79415 **Organization Type:** Unaffiliated Individual
Representative Quote: Another valuable park asset, are the boardwalks that extend off the shoreline and into the marsh. These boardwalks allow people, who may not be able to explore the park by boat, to see a different perspective on the

ecosystem. The information panels along the boardwalk seem to be very helpful to people unfamiliar with marshes.

PSIT3400 - Visitor Use & Experience-Wildlife Viewing

Concern ID: 17609

CONCERN STATEMENT: Commenters, including birders and hunters, expressed that they use the marsh for viewing various forms of wildlife for their enjoyment. Viewing wildlife is one of the major reasons the commenters visit the marsh.

Representative Quote(s): **Corr. ID:** 154 **Organization:** *Not Specified*
Comment ID: 78705 **Organization Type:** Unaffiliated Individual
Representative Quote: I am sure that one of the big reasons people come to the Belle Haven Marina is not just to "get out on the river", but to view the wildlife that Dyke Marsh nourishes.
Corr. ID: 203 **Organization:** Meetup Washington Kayaking Group - Asst. Organizer
Comment ID: 79123 **Organization Type:** Unaffiliated Individual
Representative Quote: Dyke Marsh is a great place for bird watching and a wonderful place to paddle.
Corr. ID: 251 **Organization:** *Not Specified*
Comment ID: 79482 **Organization Type:** Unaffiliated Individual
Representative Quote: I primarily use the Wildlife Preserve to view and enjoy the changing wildlife activity along the river year round. Walking here provides a pleasant break from the sights and sounds of urban life and an opportunity to appreciate natural processes and rhythms.

PSIT3600 - Visitor Use & Experience-Belle Haven

Concern ID: 17612

CONCERN STATEMENT: Most commenters expressed support for the restoration of the marsh as long as Belle Haven Marina is preserved in its current or larger state. Many commenters also pointed out that the marina is the only public boating access on the Virginia side of the river for many miles. A minority of commenters suggested the marina should be closed because the marsh is not designated for multiple use.

Representative Quote(s): **Corr. ID:** 8 **Organization:** *Not Specified*
Comment ID: 78727 **Organization Type:** Unaffiliated Individual
Representative Quote: As a nearby resident, I support restoration, but only to the extent that it continues to take into account, and preserves, current recreational uses, including the operation of a marina for powered boats, a boat ramp for launching motorized boats, together with fishing and hunting as currently permitted.
Corr. ID: 83 **Organization:** *Not Specified*
Comment ID: 79216 **Organization Type:** Unaffiliated Individual
Representative Quote: This is a jewel of natural habitat in the midst of urban development, and remediation of the earlier quarrying very welcome.

I hope Belle Haven Marina's operations can be maintained as part of the remediation and management plans. It is a welcome gateway to the marsh with many minimal impact boating means for exploring the marsh. Its affordable boating options serve many in the public who cannot afford the more expensive private options elsewhere in the area on the Potomac.

Corr. ID: 130

Organization: *Not Specified*

Comment ID: 79551

Organization Type: Unaffiliated Individual

Representative Quote: I urge the National Park Service to include the Belle Haven Marina as a core part of the Dyke Marsh restoration planning. Like the marsh itself, this marina facility is an important recreational resource for the entire metropolitan area. It's role, and the census of families using its services is apparent on any weekend, when the entire facility is alive with families and a diverse range of water sports.

The staff is exceedingly mindful of the marina's adjacency to the important marsh land and continuously refer to it in their instructions and in their management of the facility. The marsh is a central part of the facility's allure, and all of us who use the marina have an enormous interest in seeing the two resources restored and strengthened.

The Park Service has in the Belle Haven Marina and its management a very informed, very faithful, very effective steward of this important recreational resource.

Many, many of us would be pleased to provide more information concerning our enthusiasm for the restoration of the Dyke Marsh and the Belle Haven Marina and the preservation of this remarkable, diverse resource.

Corr. ID: 145

Organization: *Not Specified*

Comment ID: 78653

Organization Type: Unaffiliated Individual

Representative Quote: Belle Haven Marina and Dyke Marsh are both vital parts of our community and can coexist without problem. There are far more damaging things on the river which contribute or will in time contribute to the erosion of Dyke Marsh. Belle Haven Marina simply is not one of these.

Corr. ID: 249

Organization: Friends of Little Hunting Creek

Comment ID: 78662

Organization Type: Conservation/Preservation

Representative Quote: The plan should also recognize that the marina currently offers the only public boating access to the Potomac between Alexandria and Mt Vernon on the Virginia shore. Marsh restoration must balance the need to preserve and defend the marsh from the impact of motorized craft against the public benefit derived from boating access to the Potomac.

Corr. ID: 249

Organization: Friends of Little Hunting Creek

Comment ID: 78661

Organization Type: Conservation/Preservation

Representative Quote: The Dyke Marsh restoration should consider the Belle Haven Marina as an integral part of the Preserve, emphasizing and increasing its provision of the least intrusive means of access to the marsh for recreation and nature study boating by canoe and kayak

Corr. ID: 271

Organization: *Not Specified*

Comment ID: 79573

Organization Type: Unaffiliated Individual

Representative Quote: Dyke Marsh is a specially protected wildlife preserve, not a multi-use park, and preservation is paramount. What is NOT paramount is providing mooring and launching for boats, increased parking for picknickers, blinds for hunters, etc

PSIT3700 - Visitor Use & Experience-Safety

Concern ID:

17613

CONCERN

Commenters expressed concern about disease associated with mosquito

STATEMENT:

concentrations increasing with restoration of the marsh, hunting at the edge of the marsh, and the fact that the presence of the marina provides safety to users of the park and should not be removed.

Representative Quote(s):

Corr. ID: 26

Organization: *Not Specified*

Comment ID: 78792

Organization Type: Unaffiliated Individual

Representative Quote: During the time I have hunting the site, I know of no accidents involving firearms, hunters or shore side bystanders at the floating blind buoys. To claim that the floating blinds pose a safety hazard to the community is patently false. I request that DGIF and Fairfax police records be researched and any pertinents gun safety incidents be entered into the record. It is my belief that waterfowl hunting at Dykes Marsh has a demonstrated history of safety.

Corr. ID: 160

Organization: *Not Specified*

Comment ID: 78725

Organization Type: Unaffiliated Individual

Representative Quote: the presence of the marina increases security for people enjoying the parks along the parkway and the bike path. The presence of the marina ensures that there are significant numbers of people in the area and thus decreases the potential of improper actions by people with mal intent.

Corr. ID: 221

Organization: *Not Specified*

Comment ID: 79200

Organization Type: Unaffiliated Individual

Representative Quote: I haven't heard public health concerns addressed in the proposals to date. As I understand the history of this region, the marshes led to high mosquito concentrations which led to malaria outbreaks in colonial America. (George Washington was afflicted). As marsh conditions are reestablished public safety needs to be addressed. How will we prevent increased risks and incidents of malaria, West Nile virus, encephalitis, dog heartworm, and Dengue fever? Are we creating potential exposure for more exotic mosquito born diseases such as Yellow Fever or Avian flu near a major metropolitan area. In Marsh restoration, ensuring hydrology provides for moving water would reduce breeding grounds for mosquitos, but almost by definition an expanded marsh would leave standing pools of stagnant water. I love natural environs, but we need to ensure we aren't risking public health.

PSIT3800 - Visitor Use & Experience-Access

Concern ID:

17614

CONCERN

STATEMENT:

Commenters pointed out the importance of the public access to the marsh through walkways, trails, and the nonmotorized boats launched from Belle Haven. Some commenters stated that there should be access to all public users.

Representative Quote(s):

Corr. ID: 37

Organization: Potomac Bassmasters

Comment ID: 78867

Organization Type: Unaffiliated Individual

Representative Quote: It is our understanding some interests are trying to use the Park Service and this EIS planning process to eliminate access to the Marsh by fishermen, boaters and hunters. One of the main interests of the Park Service should be to ensure that all users of this valuable marsh are guaranteed the right to access it. The marsh should not be closed for use by some interests and open to others. Our tax dollars should support the restoration of this marsh and guarantee the use by all visitors and users of the marsh, not just a chosen few!!!!

Corr. ID: 154

Organization: *Not Specified*

Comment ID: 78706

Organization Type: Unaffiliated Individual

Representative Quote: Closing the marina would eliminate yet another way to access the river and experience animals living in their natural environment in a way that is unmatched in the DC area.

PSIT4000 - Water Quality

Concern ID: 17615

CONCERN STATEMENT: Commenters suggested that the water quality in the marsh needs to be improved. Water quality issues addressed include run-off pollution, heavy metal contaminants stored in the marsh, and trash debris.

Representative Quote(s): **Corr. ID:** 125 **Organization:** FODM
Comment ID: 79525 **Organization Type:** Unaffiliated Individual
Representative Quote: My husband and I fully support restoration of Dyke's Marsh. We live on the river slightly south of Dyke's Marsh, and are horrified at the pollution in the river and the trash that washes up on the shoreline. Much of it appears to be coming down from the Anacostia River, and anything the park service or other government agency can do to control that pollution would be a huge benefit. Hopefully, this restoration project can also help reduce river pollution, and protect the marsh from further erosion.
Corr. ID: 226 **Organization:** *Not Specified*
Comment ID: 79280 **Organization Type:** Unaffiliated Individual
Representative Quote: I strongly urge the Park Service to address the issues of restoring the wetlands lost to excavation, restoring tidal flows, and the problems produced because of pollution, runoff and noise and trash deposition.
Corr. ID: 233 **Organization:** Friends of Dyke Marsh
Comment ID: 79328 **Organization Type:** Unaffiliated Individual
Representative Quote: Then there's the related question of in-land off flow/drainage of contaminants - those that are washed, from parking lots and human build up, into the steams that flow into the Marsh. Geez, this gets complicated. Going far into the realm of things I don't know how it can be addressed. That it must be addressed is manifest.

PSIT5000 - Socioeconomics

Concern ID: 17617

CONCERN STATEMENT: Commenters suggested that the plan fully address the issues associated with sports and recreational access to the marsh. Reductions of such use could adversely affect the local businesses including sporting goods stores and fishing guides.

Representative Quote(s): **Corr. ID:** 110 **Organization:** *Not Specified*
Comment ID: 79444 **Organization Type:** Unaffiliated Individual
Representative Quote: Loss of recreation areas such as Dyke Marsh for hunting could and will have impacts on that local hunting community, but the eventual losers in the conservation game will not be the hunters, but the very species that we are trying to conserve.
I would urge the policy and decision makers to take into account all appropriate avenues regarding hunting in Dyke Marsh. Such as providing a permit system or similar approach that would still allow for the recreational use by hunters, but would limit hunter numbers/days/times/etc.
Corr. ID: 237 **Organization:** Greenpeace
Comment ID: 79363 **Organization Type:** Unaffiliated Individual
Representative Quote: Belle Haven Marina...Professional fishing guides make their living there
Corr. ID: 251 **Organization:** *Not Specified*

Comment ID: 79479 **Organization Type:** Unaffiliated Individual
Representative Quote: The primary socioeconomic issue is the tremendous pressure for sports and recreational access and usage of the riverfront. However, many of these activities are incompatible with the role of the marsh as a wildlife refuge. A management plan will need to address how to educate people as to appropriate activities in a wildlife refuge and control measures. Inappropriate activities range from free running dogs to power boats within the marsh. It will require better markings around the refuge's edge both to indicate the boundaries and to provide guidance on appropriate activities.

Public Scoping NEPA Concerns

PSNP1000 - NEPA-Public Involvement

Concern ID: 17619

CONCERN STATEMENT: Commenters requested that the public be involved in the NEPA process for the plan. Specifically, commenters requested public meetings and comment opportunities, coordination with local citizen groups, and consideration of the views and needs of all parties who use the area.

Representative Quote(s): **Corr. ID:** 242 **Organization:** *Not Specified*

Comment ID: 79392 **Organization Type:** Unaffiliated Individual

Representative Quote: While NEPA has requirement for coordinating EIS with the public, the EIS coordination requirements should be considered to a minimum for coordination with the public. The EIS for Dyke Marsh should have regular meetings with the public, share draft contracting direction (to see the scope of work to be undertaken), coordinate information for flood mitigation efforts that are under evaluation for the adjacent New Alexandria/Bellhaven area, and consider all of the concerns that have already been raised by the Friends of Dyke Marsh. It is critical that this evaluation consider effects on species richness and diversity and the quality of the environment. Given the trends toward global warming, it is also critical that global warming be considered in this restoration effort.

Corr. ID: 243 **Organization:** Audubon Society of Northern VA

Comment ID: 79397 **Organization Type:** Unaffiliated Individual

Representative Quote: INVOLVING THE PUBLIC, especially nearby neighborhoods - Anything you can do to get the local community actively involved with the management and long-term care of the park should help with funding, advocacy issues, volunteer activities, rule enforcement, etc. Getting people to help with bird box monitoring, native bee boxes, native plant installation/restoration, wildlife counts, wetland restoration, etc. create positive ways to involve people other than trash and invasive exotic removal - both important tasks but folks need positive actions as well.

PSNP2000 - NEPA-Conduct EIS

Concern ID: 17620

CONCERN STATEMENT: Commenters expressed support for the NPS completing a detailed EIS for the management and restoration of Dyke Marsh.

Representative Quote(s): **Corr. ID:** 225 **Organization:** *Not Specified*

Comment ID: 79270 **Organization Type:** Unaffiliated Individual

Representative Quote: I urge NPS to continue developing the EIS, concurrently undertaking and supporting scientific studies of these issues, in order to develop an

ecologically-sustainable plan for the preservation and expansion of marsh in the Belle Haven/Belle View/River Towers area.

Corr. ID: 286 **Organization:** Mount Vernon Group - Virginia Chapter of the Sierra Club

Comment ID: 79717 **Organization Type:** Conservation/Preservation

Representative Quote: I'm writing to you to encourage the NPS to move forward with the environmental impact statement process for this important initiative.

Public Scoping Other Projects in Vicinity of Dyke Marsh

PSOP1000 - National Harbor

Concern ID: 17621

CONCERN STATEMENT: Commenters suggested the NPS take special consideration of the National Harbor's likely negative effects on the marsh. Commenters also suggested that the NPS work with the National Harbor to limit such effects.

Representative Quote(s): **Corr. ID:** 115 **Organization:** Friends of Dyke Marsh

Comment ID: 79464 **Organization Type:** Unaffiliated Individual

Representative Quote: --All restoration efforts will be impinged upon by the presence of and activities of National Harbor. I urge that NPS engage actively with them particularly now in National Harbor's initial stages to mitigate effects of their planned activities on the Marsh. As published, their planned activities include noisy and wake-producing frequent boat rides, renting of jet skis, fireworks and other intrusive activities that could severely affect any restoration effort directly across the river at Dyke Marsh. Unfortunately a complete environmental analysis was curtailed for the development of National Harbor, all the more reason for alert to environmental consequences as NPS works to restore the Marsh.

Corr. ID: 117 **Organization:** FRIENDS OF DYKE MARSH

Comment ID: 79469 **Organization Type:** Unaffiliated Individual

Representative Quote: Effective reconstruction will be impossible unless activities degrading the marsh are restricted. Increased traffic on the Potomac will threaten to erode the marsh as fast as it can be rebuilt. An effective reconstruction plan must include measures to control activities that will negate it. In this connection, the massive impacts of National Harbor merit special attention. The NPS should closely monitor its development and activities, and proactively work to limit their impacts on the Marsh. Examples include rented personal watercraft that may be tempted to race through the Marsh, and the planned high-speed excursion boat. Such activities could well erode the Marsh as fast as it could be rebuilt.

Corr. ID: 145 **Organization:** *Not Specified*

Comment ID: 78651 **Organization Type:** Unaffiliated Individual

Representative Quote: The new National Harbor across the river should be a much larger scare and issue for the marsh. This new marina will highly increase boat traffic south of the Wilson Bridge, effecting the marsh.

PSOP1100 - National Harbor-Seadog High speed tour boat

Concern ID: 17623

CONCERN STATEMENT: Commenters expressed concern over the high-speed boat tour, as they fear it will create a safety risk for recreational boaters and will produce a wake that will damage the marsh. One commenter suggested establishing a no-wake zone to

Representative Quote(s): [protect the marsh.](#)
Corr. ID: 72 **Organization:** Ducks Unlimited, Alexandria Chapter
Comment ID: 79142 **Organization Type:** Recreational Groups
Representative Quote: We also should minimize the potentially harmful effect of the National Harbor development. National Park Service should work diligintely to establish a no-wake zone in the river continguous with the marsh. If possible, prevent the destructive Seadog from speeding on this stretch of the river.
Corr. ID: 252 **Organization:** *Not Specified*
Comment ID: 79494 **Organization Type:** Unaffiliated Individual
Representative Quote: As you may be aware, the Seadog, a self-described thrill ride boat, will begin operation from National Harbor in the near future. This speedboat, which can travel 35 miles an hour, is scheduled to race up and down the Potomac River nine hours a day, six days a week, until next October.

Then start all over again next April.

We have seen nothing like this on the Potomac before -- nor should we, for several important reasons. Among them are strong negative effects on Dyke Marsh and the Belle Haven Marina.

PSOP2000 - Belle Haven Floodwall

Concern ID: 17624
CONCERN STATEMENT: Commenters suggested NPS take a hard look at the flood wall being considered by the Corps of Engineers. Some commenters suggested the wall will harm the marsh while others thought that proper coordination between the Corps and NPS could avoid such damage to the marsh.
Representative Quote(s): **Corr. ID:** 221 **Organization:** *Not Specified*
Comment ID: 79198 **Organization Type:** Unaffiliated Individual
Representative Quote: Coordination with Army Corps of Engineers flood protection plan...My belief is with coordinated planning the water channels flowing through the Belle View neighborhood and the protective berms could be integrated within the Dyke Marsh restoration plan to achieve common objectives.
Corr. ID: 259 **Organization:** N/A
Comment ID: 79520 **Organization Type:** Unaffiliated Individual
Representative Quote: The flood-control levee now being considered for the area would do more harm than good. A structure has only a slight chance of being in the right place to alleviate a given set of flood conditions but its presence distorts all of natures attempts to heal itself.

Public Scoping Partnerships

PSP1000 - Partnerships

Concern ID: 17625
CONCERN STATEMENT: Commenters suggested coordinating with a variety of state and local organizations, including both governmental and non-governmental entities.
Representative Quote(s): **Corr. ID:** 212 **Organization:** *Not Specified*
Comment ID: 79162 **Organization Type:** Unaffiliated Individual

Representative Quote: Friends of Dyke Marsh, Delta Waterfowl, Virginia Department of Game and Inland Fisheries, Virginia Waterfowlers Association, and Ducks Unlimited. While this list is not complete, it provides an example of the different groups that would like to help improve DM for the future and the resources the NPS may call upon for volunteer help at DM.

Corr. ID: 235 **Organization:** City of Alexandria

Comment ID: 79355 **Organization Type:** Town or City Government

Representative Quote: If restoration efforts include bringing off site material in to replace some of the approximately 270 acres of marshlands that were lost due to dredging between 1940 and 1972, the City would be willing to explore the possibility of providing material from maintenance activities along Cameron Run and Holmes Run should that opportunity arise.

Corr. ID: 238 **Organization:** Virginia Society of Ornithology

Comment ID: 79369 **Organization Type:** Conservation/Preservation

Representative Quote: To back up this declared interest in the restoration of Dyke Marsh for bird conservation purposes, the VSO Conservation Committee has recently decided that it will support these efforts with a grant of \$1,000 (the maximum permissible) from its Small Grants Conservation Fund, to be released to (or through) the Friends of Dyke Marsh at the appropriate time.

Corr. ID: 244 **Organization:** *Not Specified*

Comment ID: 79400 **Organization Type:** Unaffiliated Individual

Representative Quote: The restoration project is an important need for the habitat and the wildlife. I encourage the NPS to pursue establishing more partnerships with waterfowl conservation orgs that provide professional services. Orgs like Ducks Unlimited, DeltaWaterfowl, Waterfowl USA and Virginia Waterfowlers' Associations, offer services in planning, construction and maintenance of nature and restorations.

Public Scoping Suggested References/Sources of Data

PSREF1000 - References/Data

Concern ID: 17626

CONCERN STATEMENT: Several commenters provided lists of references including studies, authors, experts in the field, and organizations that should be consulted in the process of creating the plan for restoration.

Representative Quote(s): **Corr. ID:** 202 **Organization:** Porto Vecchio and FODM

Comment ID: 79118 **Organization Type:** Unaffiliated Individual

Representative Quote: 4. Use the study by Dr. Palinkas to assess suitability of Porto Vecchio sediment for fill

Corr. ID: 254 **Organization:** *Not Specified*

Comment ID: 79509 **Organization Type:** Unaffiliated Individual

Representative Quote: 1. Gutzwiller, W.1. and Anderson, S.O. 1987. Habitat suitability index models: marsh wren. U.S. Fish and Wildlife Service. Biological Report 82 (10.139) June.
2. Kale II, H.W. 1965. Ecology and bioenergetics of the Long-billed Marsh Wren (*Telmatodytes palustris griseus*) in Georgia salt marshes. Nutall Ornithological Club. NO.5. Cambridge, Ma.
3. Kroodsma, D.E. and Verner, I. 1997. The Marsh Wren (*Cistothorus palustris*) In the birds of North America, No. 308. (A. Poole and F. Gill, eds.) The Academy of Natural Sciences, Philadelphia, and the American Ornithological Union,

Washington, DC.

4. Leonard, M.L. and Picman, I. 1987. Nesting mortality and habitat selection by marsh wrens. *The Auk* 104: 491-495.

5. Picman, I. 1977a. Intraspecific nest destruction in the long-billed marsh wren (*Telmatodytes palustris palustris*). *Canadian Journal of Zoology* 55: 1997-2000.

6. Picman, I. 1977b. Destruction of eggs by the long-billed marsh wren (*Telmatodytes palustris palustris*). *Canadian Journal of Zoology* 55: 1914-1920.

7. Picman, J. 1984. Experimental study on the role of the intra- and inter-specific competition in the evolution of nest-destroying behavior in marsh wrens. *Canadian Journal of Zoology* 62: 2352-2356.

8. Spencer, S.C. 2000. Population abundance and habitat requirements of the marsh wren at Dyke Marsh Preserve. Unpubl. M.S. Thesis. George Mason University, Fairfax, Virginia.

9. Verner, J. 1965. The breeding biology of the long-billed marsh wren. *The Condor* 67: 6-30.

10. Verner, J. 1971. Survival and dispersal of male long-billed marsh wrens. *Bird Banding* 42(92): 92-98.

Corr. ID: 257 **Organization:** The Friends of Dyke Marsh

Comment ID: 79249 **Organization Type:** Conservation/Preservation

Representative Quote: The Dyke Marsh Preserve Ecosystem, compilation of studies and reports addressing Dyke Marsh, by Dr. David W. Johnston

Studies conducted by Dr. Edd Barrows, Georgetown University, Laboratory of Entomology and Biodiversity; Biodiversity Database of the Washington, D. C. Area; www.biodiversity.georgetown.edu

Research of D. Katia Engelhardt, University of Maryland Center for Environmental Science, Appalachian Laboratory, Should We Restore Dyke Marsh?, November 4, 2004

Population Abundance and Habitat Requirements of the Marsh Wren, (*Cistothorus palustris*) at Dyke Marsh National Wildlife Preserve. By Sandra C. Spencer, 2000, George Mason University, Fairfax Virginia

Final Report on Inventories of Plant Species and Communities in Dyke Marsh, Alexandria, Virginia. By Z. Xu, George Mason University, 1991.

A Natural Heritage Resources Inventory of Hunting Bay-Dyke Marsh, Natural Heritage Technical Report #92-4, Virginia Department of Conservation and Recreation, Division of Natural Heritage (Van Alstine, N. E., K. A. Buhlmann, and A. Belden, 1992)

The impact of global warming and sea level rise on Dyke Marsh

The impact of National Harbor and its activities, such as the Seadog's wakes, jet skis, other boating activity, nighttime light shows and fireworks

National Audubon Society, International Union for the Conservation of Nature and Natural Resources' (ICUN) Red List of Threatened Species, American Bird Conservancy, U. S. Fish and Wildlife Service, state of Virginia and other lists of threatened and endangered birds, plants and animals

Chesapeake Bay Interstate Agreement and other Bay agreements

Corr. ID: 274 **Organization:** *Not Specified*

Comment ID: 79599 **Organization Type:** Unaffiliated Individual

- Representative Quote:** #1 Dobelis, I.N. 1986. Magic of Medicine. The Reader's Digest Association, Inc., Pleasantville, NY 464p. (p.314).
- #2 Fernald, M.L. 1950. Gray's Manual of Botany. American Book Co. NY (p.385)
- #3 Gulluly, J., A.C. Waters, and A.O. Woodford. 1955. Principles of Geology. W.H.Freeman and Co., San Francisco. 631p. (p. 258-263).
- #4 Gleason and Cronquist. 1963. Manual of Vascular Plants of Northeastern United States and Adjacent Canada. (p.32), (p.66).
- #5 Hitchcock, A.S. 1950. Manual of the Grasses of the United States. U.S.D.A. Miscellaneous Publication, No. 200. (p.190).
- #6 Hitchcock and Standley, 1919. Flora of the District of Columbia and Vicinity. Contributions from the National Herbarium, Smithsonian. (p.66)
- #7 McNaughton. 1966. Ecological Monographs Vol. 36:305.
- #8 Myrick, R.M., and L.B. Leopold. 1963. Hydraulic Geometry of a Small Tidal Estuary. U.S.G.S. Professional Paper 422-B1-B18). (p.B4).
- #9 Paradiso, J.L. 1969. Mammals of Maryland. North American Fauna, No. 66. 193 p. (p.112).
- #10 Sellers, W.D. 1965. Physical Climatology. (p.205-207).
- #11 Thomas, L.K., Jr. 1963. Geomorphology and Vegetation of Theodore Roosevelt Island. National Capital Region Scientific Report No. 2. 41p.
- #12 Thomas, L.K., Jr. 1980. The Impact of Three Exotic Plant Species on a Potomac Island. U.S. National Park Service Scientific Monograph Series, No. 13 179p.
- #13 Thomas, L.K., Jr. 1988. Some Principles of Exotic Species Ecology and Management and their Interrelationships, p. 96-110. In Thomas, L.K., Jr. (editor) Management of Exotic Species in Natural Communities. Proceedings of the Conference on Science in the National Parks, vol. 5. U.S. National Park Service and the George Wright Society.
- #14 U.S.G.S. 1901. Geologic Atlas, Washington Quadrangle (Central Portion), Physiographic Geology Sheet. 20 foot contour interval.
- #15 U.S.G.S. 1951 edition. Topographic Map of Washington and Vicinity. 10 foot contour interval.
- #16 U.S. Waterways Experiment Station, Vicksburg, Mississippi.
Corr. ID: 287 **Organization:** *Not Specified*
Comment ID: 78647 **Organization Type:** Unaffiliated Individual
Representative Quote: As NPS gets deeper into this project, the words of two men should be kept in mind .. The first was Louis Halle, the diplomat/naturalist author of Spring in Washington, who wrote in 1947 that Dyke Marsh was "the nearest thing to primeval wilderness in the immediate vicinity of the city (Washington)."

Appendix 1. Correspondence Index of Organizations

ID	Author	Organization	Form Letter
Civic Groups			
261	Webb, Flint	Fairfax County Federation of Citizens Associations	No
		Mount Vernon Council of Citizens' Associations	
216	Krause, Eleanore	Wellington Civic Association	No
Conservation/Preservation			
126	Wallace, Jason	Delta Waterfowl Foundation	No
262	Dyroff, Kurt	Ducks Unlimited	No
228	Booth, Glenda	Fairfax County Wetlands Board	No
257, 280	Booth, Glenda	Friends of Dyke Marsh	No
249	Siegel, Paul	Friends of Little Hunting Creek	No
236	Wade, W.F.	L.O.C.S. Chapter, Waterfowl USA	No
286	Kadera, Mary	Mount Vernon Group - Virginia Chapter of the Sierra Club	No
281	Heizer, J.C.	The Audubon Society of Northern Virginia	No
238	Eccles, Stephen	Virginia Society of Ornithology	No
Federal Government			
86	Hoffman, Joseph	Interstate Commission on the Potomac River Basin	No
County Government			
250	Connolly, Gerald	County of Fairfax	No
276	Zook, James	County of Fairfax Department of Planning and Zoning	No
Non-Governmental			
219	Coulter, Kyle	Porto Vecchio Condominium	Yes
Recreational Groups			
256	Braddock, William	DIA Rod and Gun Club, Inc.	No
72	Jones, Freeman	Ducks Unlimited, Alexandria Chapter - 72	No
222	Wilson, David	West Potomac Crew Boosters, Inc.	No
State Government			
272	McKelvey, Kristal	Commonwealth of Virginia Department of Conservation and Recreation Division of Natural Heritage	No
288	Fernald, Raymond	Commwealth of Virginia Department of Game and Inland Fisheries	No
229	Ewing, Amy	VA Dept. of Game and Inland Fisheries	Master
Town or City Government			
235	Euille, William	City of Alexandria	No
278	Euille, William	City of Alexandria - Mayor	No

Appendix 2. Correspondence Index of Individual Commenters

Correspondence ID	Form Letter	Name
104	Yes (49)	Abbott, William M.
56	No	Adamson, David L.
189	No	Kept Private
142	No	Asterita, Anthony J.
177	No	Kept Private
247	No	Kept Private
59	No	Bernardi, Phil J.
228	No	Booth, Glenda C.
260	No	Booth, Glenda C.
265	Yes (257)	Booth, Glenda C.
268	No	Booth, Glenda C.
280	No	Booth, Glenda C.
224	Yes (257)	Booth, Glenda
257	Master (257)	Booth, Glenda
256	No	Braddock, William
156	No	Braun, Peter j.
193	No	Kept Private
173	No	Kept Private
76	No	Brinn, Rufus
143	No	Browning, Denton R.
212	No	Browning, J
277	No	Bryan, Jonathan
41	No	Kept Private
123	Yes (49)	Kept Private
55	No	Kept Private
287	No	Byrne, Jeb
132	No	Kept Private
264	No	Carroll, Dickson
44	No	Kept Private
110	No	Kept Private
190	No	Kept Private
120	No	Cartwright, Larry E
45	No	Kept Private
230	No	Chambliss, Mary T.
231	No	Kept Private
197	No	Kept Private
116	No	Kept Private
25	Yes (11)	Ciaramella, Jason
93	No	Kept Private
96	No	Close, Greg
244	No	Kept Private
146	No	Cole, John R.
37	No	Kept Private
258	Master (258)	Condominium, Porto Vecchio
250	No	Connolly, Gerald

204	No	Kept Private
160	No	Kept Private
219	Yes (258)	Kept Private
223	No	Kept Private
11	Master (11)	Kept Private
284	No	Crain, Mark
220	No	crockett, peter d.
97	No	Kept Private
84	No	Cuddy, Thomas W.
22	Yes (11)	Kept Private
139	No	Darraha, Joan
127	No	Kept Private
54	No	Kept Private
191	No	Kept Private
129	No	Kept Private
205	No	Donovan, Warren
74	No	Doscher, Megan
262	No	Dyroff, Kurt
238	No	Eccles, Stephen D.
125	No	Edwards, Katherine B.
108	No	Kept Private
206	No	English, Jeff
278	No	Euille, William D.
235	No	Euille, William D.
229	Master (229)	Ewing, Amy
288	Yes (229)	Fernald, Raymond T.
232	Master (232)	Field, Whit
7	No	Finazzo, Michael
21	No	Fisher, Zachary T.
131	No	Fix, William
88	No	Kept Private
133	No	Kept Private
187	No	Kept Private
60	No	Foxx, Richard J.
8	No	Gallagher, Stephen K.
196	No	Kept Private
188	No	Gamble, Bruce
94	No	Kept Private
95	No	Kept Private
209	No	Kept Private
184	No	Kept Private
172	No	Geoffray, Stephen T.
52	Yes (49)	Kept Private
10	No	Kept Private
157	No	Greenman, Gil
2	No	Guidry, Chris
211	No	Kept Private
63	No	Kept Private

14	No	Hauser, Dennis J.
241	No	Hawkins, Andrew S.
192	No	Hayes, Rebecca
137	No	Kept Private
69	No	Kept Private
281	No	Heizer, J. C.
80	No	Kept Private
145	No	Kept Private
61	No	Kept Private
124	No	Hoffheins, Craig a.
86	No	Hoffman, Joseph
259	No	Hoffman, Sandra
248	No	Kept Private
47	No	Kept Private
279	No	Hyland, Gerry
90	Yes (49)	Irvin, Rob D.
114	Yes (49)	Kept Private
81	No	Johnson, Paul
72	No	Jones, Freeman
62	Yes (49)	Jones, Mark
174	No	Jones, Peter
167	No	Kept Private
140	No	Kept Private
286	No	Kadera, Mary
17	Yes (11)	Kept Private
154	No	Kept Private
201	No	Kept Private
200	No	Keating, Steven G.
166	No	Kept Private
36	No	Kept Private
283	No	Ketz-Robinson, Elizabeth
216	No	Krause, Eleanor F.
239	No	Kept Private
92	No	Kept Private
162	No	Landa, Joseph
158	No	Kept Private
15	No	Larsen, Douglas
151	No	Kept Private
147	No	Kept Private
70	No	Layser, Rick
246	No	Leech, Hillary M.
67	No	Kept Private
240	No	Kept Private
119	No	Kept Private
195	No	Luskin, Darrell B.
1	No	Kept Private
75	No	Maher, Robbie
28	No	Marienau, Jennifer L.

221	No	Kept Private
71	Yes (49)	Kept Private
23	No	McGuire, John
78	No	McIntyre, Betty
272	No	McKelvey, Kristal
115	No	McManus, Dorothy
271	No	Kept Private
24	Yes (11)	Kept Private
186	No	Kept Private
53	No	Miller, Henry R.
218	No	Kept Private
83	No	Mink, Stephen D.
82	No	Morris, Michael C.
282	No	Morris, Tony
198	No	Kept Private
243	No	munroe, kevin t.
122	No	N/A, Birdawg
46	No	N/A, chris
57	No	N/A, David
68	No	Kept Private
3	No	N/A, N/A
12	Yes (11)	N/A, N/A
16	Yes (11)	Kept Private
32	No	Kept Private
35	No	Kept Private
39	No	Kept Private
40	No	N/A, N/A
42	No	N/A, N/A
43	Yes (49)	N/A, N/A
48	Yes (49)	N/A, N/A
51	Yes (49)	N/A, N/A
58	No	N/A, N/A
87	No	N/A, N/A
100	No	N/A, N/A
107	Yes (49)	N/A, N/A
113	No	N/A, N/A
130	No	Kept Private
136	No	N/A, N/A
141	No	N/A, N/A
149	No	Kept Private
150	No	N/A, N/A
163	No	N/A, N/A
169	No	N/A, N/A
176	No	N/A, N/A
178	No	N/A, N/A
179	No	N/A, N/A
199	No	N/A, N/A
255	No	N/A, N/A

19	No	Nash, Jack
50	No	Kept Private
18	Yes (11)	Noorda, kevin R.
202	Yes (258)	Kept Private
77	No	Norris, Karen
91	No	Kept Private
9	No	Olin, Charles
109	No	Olzawski, Carl T.
225	No	Kept Private
237	No	Passacantando, John W.
233	No	Paul, Ric
203	No	Kept Private
111	No	Kept Private
117	No	Perry, John S.
20	Yes (11)	Phelps, Evan P.
30	No	Phelps, Evan P.
183	No	Phipps, Neal G.
181	No	Polsby, Gail K.
99	No	Kept Private
227	No	Prough, Jeffrey
106	Yes (49)	Pulliam, John T.
269	No	Quigley, Eleanor F.
245	No	Ralph, Christopher W.
26	No	Ready, Joseph R.
155	No	reed, gayla
85	Yes (49)	Kept Private
112	No	Kept Private
134	No	Kept Private
208	No	Kept Private
273	No	Robinson, Don
105	No	rotenberger, stacey j.
73	No	Salamone, Patricia
101	Yes (49)	Kept Private
214	No	Kept Private
215	No	Kept Private
138	No	Schapler, Robert
153	No	Schapler, Robert
175	No	Kept Private
98	Yes (49)	Shackelford, Jesse R.
33	No	shockey, les e.
249	No	Siegel, Paul M.
226	No	Kept Private
234	No	Simmons, Robert E.
27	No	Kept Private
171	No	Sizemore, Nicholas J.
31	No	Smith, Bill J.
102	No	Kept Private
251	No	Smith, Robert

254	No	Spencer, Sandy
6	Yes (11)	Kept Private
79	No	Kept Private
267	Yes (118)	Stone, Edward J.
118	Master (118)	Stone, Ned
13	No	Kept Private
4	No	Kept Private
161	No	Kept Private
128	No	Kept Private
144	No	Kept Private
252	No	Sullivan, Jack
165	No	Kept Private
29	No	Sullivan, Paula M.
253	No	Sullivan, Paula
49	Master (49)	Swart, James
103	Yes (49)	Swenor, Ronald G.
66	No	Swinson, John T.
170	No	Kept Private
274	No	Thomas, Jr., Ph.D., L K.
182	No	Kept Private
164	No	Kept Private
64	Yes (11)	Kept Private
65	Yes (11)	Trentman, Thomas H.
38	No	trimm, james z.
34	No	Vance, Michael D.
207	No	Kept Private
194	No	Kept Private
236	No	Wade, W.F.
266	No	Waggener, James
126	No	Wallace, Jason T.
185	No	Ward, Albert n.
210	No	Ward, Katherine
180	No	Kept Private
159	No	Kept Private
261	No	Webb, Flint
135	No	Weber, James D.
263	No	Weigl, Dr. Robert
285	No	Wells, Beth .
213	No	Wells, Elizabeth F.
217	No	Wells, Elizabeth F.
152	No	welsh, shawn s.
270	Yes (232)	Whit Field, T .
168	No	Kept Private
89	Yes (49)	Kept Private
121	No	Kept Private
222	No	Wilson, David
5	Yes (11)	Kept Private
148	No	Kept Private

242	No	Zaragoza, Larry
276	No	Zook, James P.

Appendix 3. Index By Organization Type

Org. Type	Organization Name	Corr. ID	Code(s)
Civic Groups			
	Fairfax County Federation of Citizens Associations	261	PSALT1000 - Supports Restoration.
	Mount Vernon Council of Citizens' Associations	210	PSALT1000 - Supports Restoration. PSIT2000 - Park Management. PSIT2400 - Park Management-Signage.
	Wellington Civic Association	216	PSALT1300 - Restoration Elements-Hydrology. PSALT1400 - Restoration Elements-Ecological Services. PSIT2000 - Park Management.
Conservation / Preservation			
	Delta Waterfowl Foundation	126	PSI1000 - Hunting. PSI1400 - Hunting-Maintain.
	Ducks Unlimited	262	PSALT1000 - Supports Restoration. PSP1000 - Partnerships.
	Fairfax County Wetlands Board	228	PSALT1050 - Restoration Elements-General. PSALT1400 - Restoration Elements-Ecological Services.
	Friends of Dyke Marsh	263	PSALT1000 - Supports Restoration. PSI1200 - Hunting-Eliminate. PSOP1000 - National Harbor. PSOP2000 - Belle Haven Floodwall.
		264	PSALT1000 - Supports Restoration. PSI1200 - Hunting-Eliminate.
		280	PSALT1000 - Supports Restoration. PSOP2000 - Belle Haven Floodwall.
	Friends of Little Hunting Creek	249	PSALT1000 - Supports Restoration. PSALT1050 - Restoration Elements-General. PSALT1200 - Restoration Elements-Recreation/Access. PSALT1300 - Restoration Elements-Hydrology. PSALT1400 - Restoration Elements-Ecological Services. PSALT1500 - Restoration Elements-Invasive/Exotic Plants. PSALT1700 - Restoration Elements-Sedimentology. PSALT1800 - Restoration Elements-Wildlife and Habitat. PSALT1950 - Restoration Elements-Extent of Restoration. PSI2600 - Boating-Nonmotorized Use. PSIT3600 - Visitor Use & Experience-Belle Haven. PSOP2000 - Belle Haven Floodwall. PSP1000 - Partnerships.
	L.O.C.S. Chapter, Waterfowl USA	236	PSI1400 - Hunting-Maintain. PSP1000 - Partnerships.

	Mount Vernon Group - Virginia Chapter of the Sierra Club	286	PSALT1000 - Supports Restoration. PSALT1100 - Restoration Elements-Education. PSALT1400 - Restoration Elements-Ecological Services. PSIT3200 - Visitor Use & Experience-Education. PSNP2000 - NEPA-Conduct EIS.
	The Audubon Society of Northern Virginia	281	PSALT1000 - Supports Restoration. PSALT1050 - Restoration Elements-General. PSALT1500 - Restoration Elements-Invasive/Exotic Plants. PSALT1800 - Restoration Elements-Wildlife and Habitat. PSIT1200 - Wildlife & Wildlife Habitat-Birds.
	The Friends of Dyke Marsh	257	PSALT1000 - Supports Restoration. PSALT1300 - Restoration Elements-Hydrology. PSALT1400 - Restoration Elements-Ecological Services. PSALT1500 - Restoration Elements-Invasive/Exotic Plants. PSALT1600 - Restoration Elements-Reintroduce Native Plants. PSALT1800 - Restoration Elements-Wildlife and Habitat. PSALT1950 - Restoration Elements-Extent of Restoration. PSCI1000 - Cumulative Impacts/Connected Actions. PSIT1000 - Wildlife & Wildlife Habitat. PSIT1200 - Wildlife & Wildlife Habitat-Birds. PSIT4000 - Water Quality. PSREF1000 - References/Data.
	Virginia Society of Ornithology	238	PSALT1000 - Supports Restoration. PSALT1800 - Restoration Elements-Wildlife and Habitat. PSI1000 - Hunting. PSIT1200 - Wildlife & Wildlife Habitat-Birds. PSIT2000 - Park Management. PSIT2400 - Park Management-Signage. PSP1000 - Partnerships.
	N/A	268	PSALT1000 - Supports Restoration.
County Government			
	County of Fairfax	250	PSALT1000 - Supports Restoration. PSALT1200 - Restoration Elements-Recreation/Access. PSALT1800 - Restoration Elements-Wildlife and Habitat. PSI2600 - Boating-Nonmotorized Use. PSIT2000 - Park Management. PSIT2400 - Park Management-Signage. PSOP2000 - Belle Haven Floodwall.
	County of Fairfax Department of Planning and Zoning	276	PSALT1000 - Supports Restoration. PSALT1700 - Restoration Elements-Sedimentology. PSNP1000 - NEPA-Public Involvement. PSP1000 - Partnerships.
Federal Government			

	Interstate Commission on the Potomac River Basin	86	PSNP1000 - NEPA-Public Involvement.
Non-Governmental			
	Porto Vecchio Condominium	77	PSALT1700 - Restoration Elements-Sedimentology.
Recreational Groups			
	DIA Rod and Gun Club, Inc.	256	PSI1400 - Hunting-Maintain.
	Ducks Unlimited, Alexandria Chapter	72	PSALT1000 - Supports Restoration. PSALT1900 - Restoration Elements-Protect Existing Marsh. PSI1000 - Hunting. PSI1400 - Hunting-Maintain. PSIT3600 - Visitor Use & Experience-Belle Haven. PSOP1100 - National Harbor-Seadog High speed tour boat.
	West Potomac Crew Boosters, Inc.	222	PSALT1100 - Restoration Elements-Education. PSALT1200 - Restoration Elements-Recreation/Access. PSI2600 - Boating-Nonmotorized Use.
State Government			
	Commonwealth of Virginia Department of Conservation and Recreation Division of Natural Heritage	272	PSALT1000 - Supports Restoration. PSIT1000 - Wildlife & Wildlife Habitat. PSP1000 - Partnerships.
	Commwealth of Virginia Department of Game and Inland Fisheries	288	PSALT1000 - Supports Restoration. PSALT1200 - Restoration Elements-Recreation/Access. PSALT1800 - Restoration Elements-Wildlife and Habitat. PSI1400 - Hunting-Maintain. PSP1000 - Partnerships.
	VA Dept. of Game and Inland Fisheries	229	PSALT1800 - Restoration Elements-Wildlife and Habitat. PSI1400 - Hunting-Maintain. PSIT1000 - Wildlife & Wildlife Habitat. PSIT1200 - Wildlife & Wildlife Habitat-Birds. PSIT3400 - Visitor Use & Experience-Wildlife Viewing.
Town or City Government			
	City of Alexandria	235	PSALT1100 - Restoration Elements-Education. PSALT1200 - Restoration Elements-Recreation/Access. PSALT1300 - Restoration Elements-Hydrology. PSP1000 - Partnerships.
	City of Alexandria – Mayor	278	PSALT1200 - Restoration Elements-Recreation/Access.

Unaffiliated Individual			
	NRA life member	135	PSIT3600 - Visitor Use & Experience-Belle Haven.
	Audubon Society of Northern VA	243	PSALT1500 - Restoration Elements-Invasive/Exotic Plants. PSALT1800 - Restoration Elements-Wildlife and Habitat. PSNP1000 - NEPA-Public Involvement. PSP1000 - Partnerships.
	BHM Supporter	127	PSIT3600 - Visitor Use & Experience-Belle Haven.
	Belle Haven Marina	159	PSI2000 - Boating. PSIT3600 - Visitor Use & Experience-Belle Haven.
		186	PSIT3600 - Visitor Use & Experience-Belle Haven.
	Boat US	175	PSIT3600 - Visitor Use & Experience-Belle Haven.
	Chesapeake Bay Foundation, USSailing	182	PSIT3600 - Visitor Use & Experience-Belle Haven.
	Chesapeake Yacht Club	174	PSIT3600 - Visitor Use & Experience-Belle Haven.
	DU	208	PSI1400 - Hunting-Maintain. PSP1000 - Partnerships.
	DU, Delta Waterfowl, CBF	58	PSI1000 - Hunting.
	DU, IWLA	109	PSALT1000 - Supports Restoration. PSI1000 - Hunting. PSP1000 - Partnerships.
	DUCKS UNLIMITED	87	PSI1000 - Hunting. PSP1000 - Partnerships.
	Delta Waterfowl	92	PSI1000 - Hunting.
	Delta Waterfowl / VAWFA	31	PSALT1800 - Restoration Elements-Wildlife and Habitat. PSI1400 - Hunting-Maintain.
	Duck Hunting Chat	91	PSI1400 - Hunting-Maintain.
	Duckhunter.net, Ducks Unlimited Commity Chairman, United Waterfowlers, VFW Life Member	19	PSI1000 - Hunting. PSIT5000 - Socioeconomics.
	Ducks Unlimited	53	PSALT1000 - Supports Restoration. PSI1000 - Hunting. PSP1000 - Partnerships.
		54	PSI1400 - Hunting-Maintain. PSI2000 - Boating. PSIT1000 - Wildlife & Wildlife Habitat. PSP1000 - Partnerships.
		56	PSP1000 - Partnerships.
		93	PSI1000 - Hunting. PSP1000 - Partnerships.
		102	PSI1000 - Hunting. PSP1000 - Partnerships.
		108	PSI1000 - Hunting. PSI1400 - Hunting-Maintain. PSP1000 - Partnerships.
		227	PSI1400 - Hunting-Maintain.

		248	PSI1400 - Hunting-Maintain.
	FODM	125	PSALT1000 - Supports Restoration. PSALT1100 - Restoration Elements-Education. PSALT3000 - Addressing Pollution. PSI1200 - Hunting-Eliminate. PSIT4000 - Water Quality.
	FRIENDS OF DYKE MARSH	117	PSALT1400 - Restoration Elements-Ecological Services. PSALT1800 - Restoration Elements-Wildlife and Habitat. PSAM1000 - Adaptive Management. PSI1200 - Hunting-Eliminate. PSIT1000 - Wildlife & Wildlife Habitat. PSIT2000 - Park Management. PSIT2200 - Park Management-Enforcement. PSIT2400 - Park Management-Signage. PSOP1000 - National Harbor.
	Friends of Belle Haven Marina	164	PSI2900 - Boating-Education. PSIT3600 - Visitor Use & Experience-Belle Haven. PSIT3800 - Visitor Use & Experience-Access.
	Friends of Dyke Marsh	29	PSALT1000 - Supports Restoration. PSALT1100 - Restoration Elements-Education. PSALT1300 - Restoration Elements-Hydrology. PSALT1500 - Restoration Elements-Invasive/Exotic Plants. PSALT1700 - Restoration Elements-Sedimentology. PSIT2000 - Park Management. PSIT2400 - Park Management-Signage. PSOP1000 - National Harbor. PSOP2000 - Belle Haven Floodwall.
		111	PSALT1700 - Restoration Elements-Sedimentology. PSALT1900 - Restoration Elements-Protect Existing Marsh. PSI1200 - Hunting-Eliminate. PSIT1200 - Wildlife & Wildlife Habitat-Birds. PSIT3700 - Visitor Use & Experience-Safety.
		115	PSI1200 - Hunting-Eliminate. PSI2200 - Boating-Reduce/Eliminate Motorized Use. PSIT1200 - Wildlife & Wildlife Habitat-Birds. PSIT2000 - Park Management. PSIT2200 - Park Management-Enforcement. PSIT2400 - Park Management-Signage. PSNP2000 - NEPA-Conduct EIS. PSOP1000 - National Harbor.

		118	<p>PSALT1000 - Supports Restoration. PSALT1200 - Restoration Elements-Recreation/Access. PSALT1500 - Restoration Elements-Invasive/Exotic Plants. PSALT1600 - Restoration Elements-Reintroduce Native Plants. PSALT1700 - Restoration Elements-Sedimentology. PSALT1950 - Restoration Elements-Extent of Restoration. PSALT2100 - Restoration Elements-Funding. PSI2200 - Boating-Reduce/Eliminate Motorized Use. PSI2600 - Boating-Nonmotorized Use. PSI2800 - Boating-Regulation. PSIT1200 - Wildlife & Wildlife Habitat-Birds. PSIT3600 - Visitor Use & Experience-Belle Haven. PSP1000 - Partnerships.</p>
		120	<p>PSALT1800 - Restoration Elements-Wildlife and Habitat. PSIT1200 - Wildlife & Wildlife Habitat-Birds.</p>
		213	<p>PSALT1200 - Restoration Elements-Recreation/Access. PSALT1500 - Restoration Elements-Invasive/Exotic Plants. PSALT1600 - Restoration Elements-Reintroduce Native Plants. PSALT1700 - Restoration Elements-Sedimentology. PSIT3600 - Visitor Use & Experience-Belle Haven.</p>
		233	<p>PSALT1000 - Supports Restoration. PSALT1300 - Restoration Elements-Hydrology. PSALT1800 - Restoration Elements-Wildlife and Habitat. PSALT1950 - Restoration Elements-Extent of Restoration. PSALT3000 - Addressing Pollution. PSI2200 - Boating-Reduce/Eliminate Motorized Use. PSI2600 - Boating-Nonmotorized Use. PSI2800 - Boating-Regulation. PSIT2000 - Park Management. PSIT2400 - Park Management-Signage. PSIT3600 - Visitor Use & Experience-Belle Haven. PSIT3800 - Visitor Use & Experience-Access. PSIT4000 - Water Quality. PSP1000 - Partnerships.</p>
		273	<p>PSALT1000 - Supports Restoration. PSIT2000 - Park Management. PSIT2400 - Park Management-Signage. PSIT3600 - Visitor Use & Experience-Belle Haven.</p>
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	Meetup Washington Kayaking Group - Asst. Organizer	203	PSI2600 - Boating-Nonmotorized Use. PSIT3400 - Visitor Use & Experience-Wildlife Viewing. PSIT3600 - Visitor Use & Experience-Belle Haven.
	N/A	259	PSALT1000 - Supports Restoration. PSOP2000 - Belle Haven Floodwall.
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	Potomac Bassmasters	37	PSALT1000 - Supports Restoration. PSALT1800 - Restoration Elements-Wildlife and Habitat. PSI1400 - Hunting-Maintain. PSI2000 - Boating. PSIT1000 - Wildlife & Wildlife Habitat. PSIT3800 - Visitor Use & Experience-Access.
	Potomac Riverkeeper	198	PSALT1000 - Supports Restoration. PSALT1800 - Restoration Elements-Wildlife and Habitat. PSI1200 - Hunting-Eliminate. PSI2600 - Boating-Nonmotorized Use. PSIT3400 - Visitor Use & Experience-Wildlife Viewing.
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		7	PSALT2100 - Restoration Elements-Funding. PSI1000 - Hunting. PSI1400 - Hunting-Maintain.
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		The Friends of Dyke Marsh	257
		Virginia Society of Ornithology	238
		Wellington Civic Association-Current Past President	180
		citizen	185
		N/A	30
			39
			44

			73
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			134
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			279
			282
			283
			284
PSALT1050	Restoration Elements-General	Fairfax County Wetlands Board	228
		Friends of Little Hunting Creek	249
		NIH	183
		Presbyterian Church (USA)	207
		The Audubon Society of Northern Virginia	281
		N/A	84
			221
			231
			277
PSALT1100	Restoration Elements-Education	City of Alexandria	235
		FODM	125
		Friends of Dyke Marsh	29
		Georgetown University	247
		Mount Vernon Group - Virginia Chapter of the Sierra Club	286
		Porto Vecchio and FODM	202

		West Potomac Crew Boosters, Inc.	222
		N/A	129
			170
			181
			191
			212
			244
			246
			269
			277
PSALT1200	Restoration Elements- Recreation/Access	City of Alexandria	235
		City of Alexandria - Mayor	278
		Commwealth of Virginia Department of Game and Inland Fisheries	288
		County of Fairfax	250
		Friends of Dyke Marsh	118
			213
		Friends of Little Hunting Creek	249
		Ft. Belvoir	76
		Georgetown University	247
		Porto Vecchio and FODM	202
		West Potomac Crew Boosters, Inc.	222
		citizen	185
		N/A	8
			79
			84
			130
			140
			141
			143
			145
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			199
			212
			223
			246
			267
PSALT1300	Restoration Elements-Hydrology	City of Alexandria	235
		Friends of Dyke Marsh	29
			233
		Friends of Little Hunting Creek	249
		Georgetown University	247
		The Friends of Dyke Marsh	257
		Wellington Civic Association	216
		N/A	78

			84
			121
			221
			225
			226
			254
			269
			274
			277
PSALT1400	Restoration Elements-Ecological Services	FRIENDS OF DYKE MARSH	117
		Fairfax County Wetlands Board	228
		Friends of Little Hunting Creek	249
		Georgetown University	247
		Mount Vernon Group - Virginia Chapter of the Sierra Club	286
		Porto Vecchio and FODM	202
		The Friends of Dyke Marsh	257
		Wellington Civic Association	216
		N/A	181
			201
			266
PSALT1500	Restoration Elements-Invasive/Exotic Plants	Audubon Society of Northern VA	243
		Friends of Dyke Marsh	29
			118
			213
			275
		Friends of Little Hunting Creek	249
		Georgetown University	247
		The Audubon Society of Northern Virginia	281
		The Friends of Dyke Marsh	257
		N/A	73
			121
			254
			267
			269
			277
			285
PSALT1600	Restoration Elements-Reintroduce Native Plants	Friends of Dyke Marsh	118
			213
		The Friends of Dyke Marsh	257
		N/A	73
			214
			267
			277

PSALT1700	Restoration Elements-Sedimentology	County of Fairfax Department of Planning and Zoning	276
		Friends of Dyke Marsh	29
			111
			118
			213
		Friends of Little Hunting Creek	249
		Ft. Belvoir	76
		Georgetown University	247
		Porto Vecchio Condominium- External Affairs Committee Chair	77
		Porto Vecchio and FODM	202
		N/A	83
			84
			212
			225
			226
			255
			267
			269
			274
			277
PSALT1800	Restoration Elements-Wildlife and Habitat	Audubon Society of Northern VA	243
		Commwealth of Virginia Department of Game and Inland Fisheries	288
		County of Fairfax	250
		Delta Waterfowl / VAWFA	31
		FRIENDS OF DYKE MARSH	117
			120
			233
		Friends of Little Hunting Creek	249
		Ft. Belvoir	76
		Georgetown University	247
		Greenpeace	237
		Potomac Bassmasters	37
		Potomac Riverkeeper	198
		The Audubon Society of Northern Virginia	281
		The Friends of Dyke Marsh	257
		VA Dept. of Game and Inland Fisheries	229
		Virginia Society of Ornithology	238
		Wellington Civic Association-Current Past President	180
		N/A	44
			73
			78
			181
			194

			212
			214
			215
			225
			246
			251
			254
PSALT1900	Restoration Elements-Protect Existing Marsh	Ducks Unlimited, Alexandria Chapter	72
		Friends of Dyke Marsh	111
		N/A	73
PSALT1950	Restoration Elements-Extent of Restoration	Friends of Dyke Marsh	118
			233
		Friends of Little Hunting Creek	249
		The Friends of Dyke Marsh	257
		N/A	44
			84
			199
			254
			267
			277
PSALT2000	Oppose Restoration	N/A	8
			44
			167
			277
PSALT2100	Restoration Elements-Funding	Friends of Dyke Marsh	118
		N/A	7
PSALT3000	Addressing Pollution	FODM	125
		Friends of Dyke Marsh	233
		N/A	78
PSAM1000	Adaptive Management	FRIENDS OF DYKE MARSH	117
		Georgetown University	247
PSCI1000	Cumulative Impacts/Connected Actions	Georgetown University	247
		NVCT	232
		The Friends of Dyke Marsh	257
		N/A	78
			84
			161
			251
			274
PSI1000	Hunting	DU, Delta Waterfowl, CBF	58
		DU, IWLA	109
		DUCKS UNLIMITED	87
		Delta Waterfowl	92
		Delta Waterfowl Foundation	126
		Duckhunter.net, Ducks Unlimited Commity Chairman, United Waterfowlers, VFW Life Member	19

		Ducks Unlimited	53
			93
			102
			108
		Ducks Unlimited, Alexandria Chapter	72
		Ft. Belvoir	76
		Idaho Waterfowl Association	14
		Virginia Society of Ornithology	238
		N/A	2
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			123
			124
			143
			205
			206
			241
PSI1200	Hunting-Eliminate	FODM	125
		FRIENDS OF DYKE MARSH	117
			111
			115

			263
			264
			275
		Potomac Riverkeeper	198
		N/A	121
			181
			204
			215
			226
			231
			234
PSI1400	Hunting-Maintain	Commwealth of Virginia Department of Game and Inland Fisheries	288
		DIA Rod and Gun Club, Inc.	256
		DU	208
		Delta Waterfowl / VAWFA	31
		Delta Waterfowl Foundation	126
		Duck Hunting Chat	91
		Ducks Unlimited	54
			108
			227
			248
		Ducks Unlimited, Alexandria Chapter	72
		Idaho Waterfowl Association	14
		L.O.C.S. Chapter, Waterfowl USA	236
		Potomac Bassmasters	37
		Potomac Valley Ducks Unlimited	218
		The Pit Blind	60
		VA Dept. of Game and Inland Fisheries	229
		Waterfowl USA	27
		duckhuntingchat.com	41
		N/A	2
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			193
			194
			206
			211
			212
			223
			241
			244
			245
			284
PSI2000	Boating	Belle Haven Marina	159
		Ducks Unlimited	54
		Potomac Bassmasters	37
		N/A	33
			34
			35
			36
			66
			75
			143
			145
			157
			162
			168
PSI2200	Boating-Reduce/Eliminate Motorized Use	Friends of Dyke Marsh	115
			118
			233
		NVCT	232
		N/A	138
			154
			201
			267
			277
PSI2400	Boating-Maintain Motorized Use	N/A	8

			133
			169
			170
			192
			193
			197
PSI2600	Boating-Nonmotorized Use	County of Fairfax	250
		Friends of Dyke Marsh	118
			233
		Friends of Little Hunting Creek	249
		Meetup Washington Kayaking Group - Asst. Organizer	203
		NIH	183
		NVCT	232
		Potomac Riverkeeper	198
		West Potomac Crew Boosters, Inc.	222
		N/A	74
			145
			146
			148
			150
			170
			191
			192
			193
			194
			196
			197
			200
			212
			267
PSI2800	Boating-Regulation	Friends of Dyke Marsh	118
			233
		NVCT	232
PSI2900	Boating-Education	Friends of Belle Haven Marina	164
		self	166
		N/A	196
			239
PSI3000	Eliminate Construction on Riverbank	N/A	234
PSI4000	Global Climate Change/Sea Level Rise	N/A	161
			254
			274
			277
PSIT1000	Wildlife & Wildlife Habitat	Commonwealth of Virginia Department of Conservation and Recreation Division of Natural Heritage	272
		Ducks Unlimited	54
		FRIENDS OF DYKE MARSH	117

		Georgetown University	247
		Potomac Bassmasters	37
		The Friends of Dyke Marsh	257
		VA Dept. of Game and Inland Fisheries	229
		N/A	38
			78
			251
PSIT1200	Wildlife & Wildlife Habitat-Birds	Friends of Dyke Marsh	111
			115
			118
			120
		The Audubon Society of Northern Virginia	281
		The Friends of Dyke Marsh	257
		VA Dept. of Game and Inland Fisheries	229
		Virginia Society of Ornithology	238
		N/A	251
			254
PSIT2000	Park Management	County of Fairfax	250
		FRIENDS OF DYKE MARSH	117
			29
			115
			233
			273
		Georgetown University	247
		Mount Vernon Council of Citizens' Associations	210
		NVCT	232
		Virginia Society of Ornithology	238
		Wellington Civic Association	216
		Wellington Civic Association-Current Past President	180
		N/A	78
			168
			231
			251
			269
			271
			277
PSIT2200	Park Management-Enforcement	FRIENDS OF DYKE MARSH	117
			115
		NVCT	232
		N/A	78
			231
			269
			271
			277
PSIT2400	Park Management-Signage	County of Fairfax	250
		FRIENDS OF DYKE MARSH	117

			29
			115
			233
			273
			275
		Mount Vernon Council of Citizens' Associations	210
		Virginia Society of Ornithology	238
		Wellington Civic Association-Current Past President	180
		N/A	231
			251
			271
			277
PSIT3200	Visitor Use & Experience-Education	Mount Vernon Group - Virginia Chapter of the Sierra Club	286
		self	166
		N/A	162
			246
PSIT3400	Visitor Use & Experience-Wildlife Viewing	Greenpeace	237
		Meetup Washington Kayaking Group - Asst. Organizer	203
		Potomac Riverkeeper	198
		VA Dept. of Game and Inland Fisheries	229
		N/A	38
			147
			154
			162
			173
			193
			200
			251
PSIT3600	Visitor Use & Experience-Belle Haven	NRA life member	135
		BHM Supporter	127
		Belle Haven Marina	159
			186
		Boat US	175
		Chesapeake Bay Foundation, USSailing	182
		Chesapeake Yacht Club	174
		Ducks Unlimited, Alexandria Chapter	72
		Friends of Belle Haven Marina	164
		Friends of Dyke Marsh	118
			213
			233
			273
			275
		Friends of Little Hunting Creek	249

		Greenpeace	237
		Meetup Washington Kayaking Group - Asst. Organizer	203
		NIH	183
		citizen	185
		self	166
		N/A	1
			8
			33
			74
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			205
			209
			246
			271
PSIT3700	Visitor Use & Experience-Safety	Friends of Dyke Marsh	111
		Idaho Waterfowl Association	14
		N/A	2
			10
			13
			26
			160
			206
			221
PSIT3800	Visitor Use & Experience-Access	Friends of Belle Haven Marina	164
		Friends of Dyke Marsh	233
			275
		Porto Vecchio and FODM	202
		Potomac Bassmasters	37
		N/A	38
			39
			66
			78
			141
			147

			154
			231
PSIT4000	Water Quality	FODM	125
		Friends of Dyke Marsh	233
			275
		The Friends of Dyke Marsh	257
		N/A	83
			200
			226
			246
PSIT5000	Socioeconomics	Duckhunter.net, Ducks Unlimited Commyty Chairman, United Waterfowlers, VFW Life Member	19
		Greenpeace	237
		N/A	35
			110
			251
PSNP1000	NEPA-Public Involvement	Audubon Society of Northern VA	243
		County of Fairfax Department of Planning and Zoning	276
		Interstate Commission on the Potomac River Basin	86
		N/A	88
			212
			242
PSNP2000	NEPA-Conduct EIS	Friends of Dyke Marsh	115
		Georgetown University	247
		Mount Vernon Group - Virginia Chapter of the Sierra Club	286
		N/A	225
			242
PSOP1000	National Harbor	FRIENDS OF DYKE MARSH	117
			29
			115
			263
		N/A	78
			145
			234
			251
			271
PSOP1100	National Harbor-Seadog High speed tour boat	Ducks Unlimited, Alexandria Chapter	72
		N/A	145
			201
			252
PSOP2000	Belle Haven Floodwall	County of Fairfax	250
		Friends of Dyke Marsh	29
			263
			280

		Friends of Little Hunting Creek	249
		N/A	259
		N/A	78
			84
			151
			221
PSP1000	Partnerships	Audubon Society of Northern VA	243
		City of Alexandria	235
		Commonwealth of Virginia Department of Conservation and Recreation Division of Natural Heritage	272
		Commwealth of Virginia Department of Game and Inland Fisheries	288
		County of Fairfax Department of Planning and Zoning	276
		DU	208
		DU, IWLA	109
		DUCKS UNLIMITED	87
			53
			54
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			102
			108
			262
		Friends of Dyke Marsh	118
			233
		Friends of Little Hunting Creek	249
		Idaho Waterfowl Association	14
		L.O.C.S. Chapter, Waterfowl USA	236
		The Pit Blind	60
		Virginia Society of Ornithology	238
		duckhuntingchat.com	41
		N/A	10
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			154
			196
			201
			212
			244
			245
PSREF1000	References/Data	Ft. Belvoir	76
		Porto Vecchio and FODM	202
		The Friends of Dyke Marsh	257
		N/A	251
			254
			274
			287