

1. Type of Project (check one):		<input type="checkbox"/> Coastal Wetland Protection and Habitat Restoration <input type="checkbox"/> Nonpoint Source Pollution Control <input checked="" type="checkbox"/> Coastal Resources and Community Planning <input type="checkbox"/> Great Lakes Education <input type="checkbox"/> Public Access and Historic Preservation
2. Project Title (max. 15 words): Renard Island End-Use Plan		
3. Organization applying: Brown County Port & Resource Recovery Dept.		5. Organization DUNS Number: 05-523-6355
4. Contact Person and Address: Mark Walter 2561 S. Broadway Green Bay, WI 54304 Phone: 920-492-4965 Email: walter_ma@co.brown.wi.us		6. Primary County where project is located: Brown
		7. Other Counties where project is located:
		8. Congressional District #: 8
		9. State Senate District #: 30
		10. State Assembly District #: 90
11. Total Project Cost: \$110,000		
12. WCMP Share: \$44,000		14. WCMP Percent: 40%
13. Applicant Share: \$66,000		15. Applicant Percent: 60 %
16. Brief Summary of the Project (300 word maximum, use this page only). Include (1) Project Description and (2) Project Outcomes: Renard Island was constructed in late 1978 and operated until 1997. Approximately 2.7 million cy of contaminated dredged sediments were placed on the island during this period. Upon completion of a causeway to the island in 2010, additional clean material was placed on Renard Island between 2010 and 2014 as a cover protecting human health and the environment. The material was shaped to meet the requirements of a WCMP-funded, WDNR Approved Closure Plan; however, it did not address the final end uses for the island. Now that the island capping is complete and ownership has been transferred to Brown County, a need exists to develop an End-Use Plan for recreational usage and habitat creation on the island. In order to develop an End-Use Plan for Renard Island, Brown County will work with stakeholders to convene an advisory committee to review the design process. A contractor will be hired to support project activities. The plans will include designs for a set of small projects that can be implemented over time as an integrated approach to achieving the end-use goals of the island. A committee of natural resource managers, citizens, researchers and local officials will be created to review and comment on the options presented. The process will include review of previously completed designs for Renard Island that explored various options for the use and development of the island. The prior report described alternatives that ranged from the creation of extensive public use features such as RV parking and amusement rides to open space and wildlife habitat; however, a change in the construction location of the causeway and the cap material may preclude major development on the island. Through a series of meetings and design workshops, project partners and the project contractor will develop a plan and implementable designs for Renard Island.		

1. Problem: Concisely state the problem or issue that this proposal addresses. Include important background information.

In 1977, Brown County and the US Army Corps of Engineers (Corps) executed a memorandum of agreement to construct the Renard Island Confined Disposal Facility (CDF) on a legislative lakebed granted by the State of Wisconsin to Brown County for disposal of material generated from annual maintenance dredging in the Green Bay Harbor and navigation channel. From 1978 to 1997, approximately 2.7 million CY of contaminated dredged sediments were placed on the island. The island remained uncapped until Brown County received funding from WCMP to develop a Closure Plan for the island. Eventually, the County, the Corps and the Wisconsin Department of Natural Resources (WDNR) agreed to a final Closure Plan detailing the construction of a cover protecting human health and the environment; however, it did not address the final end uses for the island. Beginning in 2010, Brown County and the Corps began the process of closing the island and installing an engineered soil cap. As part of the closure process, the Corps built a causeway connecting to the southwest portion of the island as a means of access for hauling material to the island. In 2010, Brown County received a Great Lakes Restoration Initiative grant to move approximately 230,000 CY of capping material to Renard Island from the Bay Port Dredge Material Storage Facility. From 2011 to 2014, an additional 600,000 CY of clean dredged material was placed on the island as a final cap shaped to meet the requirements of the WDNR-Approved Closure Plan. In 2015, the WDNR approved the final cap and subsequently, in 2017, the Corps transferred ownership of the causeway and island to Brown County.

Renard Island is one of the only areas in the Green Bay metropolitan area that provides direct access to the waters of the bay. With the transfer of ownership, the County is now looking at end-use options for the 55-acre island. Development of the island is somewhat constrained by the Lakebed Grant which stipulates that the island is to be "...used by the county for public slips, basins, docks, wharves, structures, wildlife refuges, recreation and park purposes..." The permit issued by the WDNR for the causeway as a permanent structure also included the conditions that "the County agrees to incorporate public fishing areas into the development plans of Renard Island as a recreational facility. This will include conversion of the existing unloading/mooring facility (directly east of where the causeway meets the island) into a public mooring facility for small watercraft that will be modified for handicap access." As part of the closure plan development, in 2003, the County and Corps worked with a group of stakeholders to develop options for island development. Baird & Associates come up with a set of designs that ranged from no development to highly developed uses though the causeway at the time was planned for the east end of the island. In 2014, Brown County completed an infrastructure development matrix to better understand technical and regulatory considerations and constraints associated with development of the island. In spring 2017, a class at UW Green Bay developed a design plan for the Bay Beach neighborhood that included ideas for Renard Island. Additionally, in May 2017, Brown County met with a group of stakeholders to look at end uses for the island. An integrated and coordinated approach is needed to complete a final End-Use Plan for Renard Island.

With a final End-Use Plan, Renard Island can serve to contribute to the removal of fish and wildlife-related beneficial use impairments (BUIs) in the Lower Green Bay and Fox River Area of Concern (AOC) that were identified in the Lower Green Bay and Fox River Remedial Action Plan (RAP) as well as meeting the need for additional recreational opportunities. The proposed project will result in the development of an End-Use Plan and design that will provide recreational usage and integrate into the Bay Beach Amusement Park area. Financial commitments have been made by the Brown County Port & Resource Recovery Department, Associated Bank, McDonald Lumber Company, WPS and NEW Water to provide necessary matching funds as needed.

2. Project Description:

- a. Describe the project for which funding is requested. Do NOT include information about tasks which are not part of the funding request.
- b. Describe how this project is part of an integrated effort or approach.

a. Brown County is requesting funding to develop an End-Use Plan for Renard Island in the bay of Green Bay. In order to develop an End-Use Plan for Renard Island, Brown County will work with stakeholders to convene an advisory committee to review and provide input for the plan and design process. A contractor will be hired to support project activities. Through a series of meetings and design workshops, project partners and the project contractor will develop implementable designs for Renard Island. The plans will include designs for a set of small projects that can be implemented over time as an integrated approach to achieving the end-use goals of the island. The Renard End-Use Advisory Committee will consist of citizens, local stakeholders, local officials, researchers and natural resource managers who will review and make recommendations on the options presented. As part of the process, Brown County will review previously completed designs for Renard Island prepared by Baird & Associates for the Corps that explored various options for the use and development of Renard Island. The previous report described alternatives that ranged from the creation of open space and wildlife habitat to extensive public use features such as RV parking and amusement rides. While changing conditions on the island have made many of the designs unachievable, they can form the basis for the End-Use Plan discussions. Public input will be sought on a set of design alternatives throughout the process using a variety of methods including public input meetings, charrettes and social media. The final products will be a report and design plans that will describe a set of small projects that can be implemented over time.

b. The bay of Green Bay is one of the most studied bodies of water in the U.S. so there are many past and on-going efforts that tie into Renard Island's future use both as a recreational facility as well as potential wildlife habitat. The development of an End-Use Plan is the

next step in a long process to take an underutilized facility and turn it into benefit for the community. Renard Island was originally designed as a confined disposal facility for dredge material from the Fox River and Green Bay shipping channel. After it was filled, it was left uncovered and vacant for nearly a decade before Brown County, the Corps and WDNR agreed to a Closure Plan for the island that was protective of both the environment and human health. The capping of the island represents a starting point for creating a unique public resource for the Green Bay community. The End-Use Plan for Renard Island will draw from the recommendations of previously completed plans for Green Bay including comprehensive and land use plans, the remedial action plan and the Port of Green Bay's Strategic Plan. An ad-hoc committee with representatives from Brown County Port & Resource Recovery Department, Brown County Parks Department, Brown County Planning Department, the city of Green Bay, Greater Green Bay Convention & Visitors Bureau, McDonald Lumber Company, UW-Green Bay, NEW Water, Wisconsin DNR, WPS and South Bay Marina began meeting in May 2017 to examine end-use possibilities. This group of public/private partners is expected to become the review committee for the project with the Brown County Port & Resource Recovery Department coordinating the process. The Great Lakes Dredging Team will be asked to provide input on the technical aspects of the draft plan designs.

This proposed Renard Island project also represents a public-planned end-use for the island which complies with the State Lakebed Grant and WDNR Permits. As noted in the Lake Bed Grant given to Brown County for creation of Renard Island, the potential human recreational land uses for the island would involve fishing piers, passive recreational trails and wildlife viewing areas.

3. Impact on Coastal Resources: Address all of the issues listed below as they relate to your project.

- a. Describe the extent to which the problem, need or priority will be addressed by the project.
- b. Describe how this project addresses a high priority need as identified in local, state, regional, or national plans (such as remedial action plans, basin plans, Lakewide Management Plans, State Hazard Mitigation Plan, and county Land and Water Conservation Plans), the priorities of the Council of Great Lakes Governors, or the Great Lakes Regional Collaboration Strategy (www.gllrc.us/).
- c. Describe the extent to which the project permanently addresses the problem or need.
- d. Describe the extent to which the project leverages other technical or financial resources.
- e. Describe the measurable results (give estimated benefits for all that apply) that you will be able to report. Use the suggested indicators listed below, or others that are appropriate to your project.

Type of Project	Suggested Indicators
Wetland Protection and Habitat Restoration	<ul style="list-style-type: none"> • Acres of habitat restored or protected • Endangered species protected • Type of habitat or ecosystem protected or restored
Nonpoint Source Pollution Control	<ul style="list-style-type: none"> • Reduction in pounds of Phosphorus delivery • Reduction in tons of soil erosion/sedimentation
Great Lakes Education	<ul style="list-style-type: none"> • Number of people trained • Projected audience
Coastal Resources and Community Planning	<ul style="list-style-type: none"> • Number of municipalities included in a plan • Population affected by the plan • Land area/coastline covered by the plan • Type of coastal resource (e.g., habitat) protected • Ordinances developed
Public Access and Historic Preservation	<ul style="list-style-type: none"> • Linear feet of coastline made accessible or acquired • Population affected • Acres Acquired

a. Developing an implementable End-Use Plan for Renard Island will address a number of coastal impacts. As noted earlier, there are a very limited number of places where the public can access the bay of Green Bay for recreating. Renard Island has the potential to be one of the most significant public points of access to the bay by providing a 55-acre parcel of land that is open to the public with nearly 6,500 feet of shoreline. At the same time, the island can address habitat creation that would contribute greatly toward achieving the objectives of the Lower Green Bay and Fox River Remedial Action Plan (RAP) and restoring associated beneficial uses in the AOC. The RAP recommended that nesting islands be restored and/or stabilized, submerged aquatic vegetation be reestablished, and native fish spawning habitat be enhanced, where feasible. Habitat creation on Renard Island would contribute toward achieving RAP objectives and restoring associated beneficial uses in the AOC. The WDNR permit for the island causeway requires construction of fishing piers on the island as well as additional fish spawning habitat adjacent to the island.

b. Renard Island is situated in the lower part of the bay of Green Bay adjacent to the Bay Beach Amusement Park in the city of Green Bay. The island provides one of the only access points to the lower bay in the metropolitan area for extending recreational uses. Many of the planning efforts over the last decade have focused on ways in which to provide public access and habitat restoration both of which can be addressed by an End-Use Plan for Renard Island.

These plans include the Port of Green Bay's *2015 Strategic Plan* which identified developing a strategy for Renard Island final use as a

priority action item. In addition, many other plans have touched on Renard Island as a resource for public access and /or habitat restoration activities. *The Bay Beach Amusement Park Master Plan* indicates a connection to Renard Island from the park for pedestrians to access the island. The *Lower Fox River and Green Bay Shoreline Waterfront Redevelopment Plan*, adopted in 2010 included recommendations for developing Renard Island for recreational uses. The *Brown County Parks and Outdoor Recreation Plan, 2017* recommends improving water access when possible. The *2004 Brown County Comprehensive Plan, the 2003 City of Green Bay Smart Growth 2022 Comprehensive Plan, and the 1995 Green Bay Comprehensive Waterfront Plan* all identify Renard Island and the surrounding area as part of a greenway and park. Habitat creation on Renard Island would contribute greatly toward achieving the objectives of the *Lower Green Bay and Fox River Remedial Action Plan (RAP)* and restoring associated beneficial uses in the Area of Concern (AOC). The RAP recommended that nesting islands be restored and/or stabilized, submerged aquatic vegetation be reestablished, and native fish spawning habitat be enhanced, where feasible. Habitat creation on Renard Island would contribute toward achieving RAP objectives and restoring associated beneficial uses in the AOC. Specific BUIs addressed by this project include:

- Degradation of fish and wildlife populations
- Loss of fish and wildlife habitat

c. The Lake Bed Grant for creation of Renard Island stipulates that the land is to be “held and used by the county for public slips, basins, docks, wharves, structures, wildlife refuges, recreation and park purposes”. Since the island is currently undeveloped an End-Use Plan will help to meet the conditions of the Lake Bed Grant. With the land in Brown County ownership, it will be permanently protected as a County facility.

d. Financial commitments have been made by the Brown County Port & Resource Recovery Department, Associated Bank, McDonald Lumber Company, WPS and NEW Water to provide necessary matching funds as needed.

e. As noted earlier, Renard Island is a 55-acre man-made island that currently is undeveloped and unmanaged. With the implementation of the End-Use Plan, these 55-acres will become a valuable coastal resource opening more than 6,400 feet of shoreline to the public for their use and enjoyment. Users of the island are expected to come from the neighborhoods near to Renard Island as well as the Bay Beach Amusement Park which draws more than 3,000,000 visitors a year. Brown County owns the island and will work with the city of Green Bay to ensure that the project is consistent with existing and planned uses in the surrounding area.

4. Methodology and Timetable

- a. Provide a list and description of grant-funded project tasks, including a timeline and major milestones. Your timeline may begin **July 1**.
- b. Provide a list of work products or deliverables – “measurable results” from Section 3e should be incorporated into this list.
- c. Describe how the project will encourage public participation and how the final product will be distributed (as appropriate).
- d. For Public Access projects, please describe how the project incorporates planning for changing lake levels.

a.

Task	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19
Initiate Project												
Advisory Team Meetings												
Project Kick-Off Meeting												
Conceptual Design Workshops												
Public Meetings												
Project Background												
Develop Design Options												
Design Workshops												
Draft Design												
Draft Report												
Final Design and Report												
Complete Project												

b. The results of the project will be a set of designs for small projects that can be implemented over time as well as a written report documenting the public involvement process and plan goals. Implementation of the plan will help to address BUIs in the Lower Fox River and Green Bay.

c. The development of a *Renard Island End-Use Plan* is dependent on public involvement to ensure its success. The public will be involved at meetings during the development of plan designs as well as during the review of the final draft designs for Renard Island. The Great Lakes Dredging Team will be asked to provide input on the technical aspects of the plan designs. The final designs will be showcased at a public forum at the end of the project. The *Renard Island End-Use Plan* will be distributed to the project partners as well as other stakeholders as a means of building support for implementation of the plan. Copies of the plan and final designs will be made available through the Port of Green Bay (www.PortofGreenBay.com) and Wisconsin Commercial Ports (www.wcpaports.org) websites.

d. NA

5. Project Budget

- a. Provide a breakdown of the proposed project budget using the following **required table**. WCMP Grant projects with a total budget of \$60,000 or less require a 50% match. Projects with a total budget larger than \$60,000 require a 60% match. Applicants requesting more than \$100,000 should contact the WCMP while they develop their applications. The budget must show proposed costs in the categories listed in the first table.

Activity	WCMP Request	Match	Total
Personnel	\$0	\$1,000	\$1,000
Fringe Benefits			
Equipment			
Travel			
Supplies			
Contractual	\$44,000	\$65,000	\$109,000
Construction			
Other			
Indirect Charges			
Totals	\$44,000	\$66,000	\$110,000

- b. Contractual costs must be itemized using the same budget lines above (if known). Applicant may also provide further budget details using additional categories/sub-categories in the second table or in another format, if necessary.

Activity	WCMP Request	Match	Total
Plan & Design Contractor	\$44,000	\$65,000	\$109,000
Project Coordination	\$0	\$1,000	\$1,000
Totals	\$44,000	\$66,000	\$110,000

6. Budget Description

- Describe the composition and source of the matching funds. Also, indicate whether nonfederal matching funds have been secured or committed.
- Describe how the grants will be leveraged with funding in addition to the grant and match amounts, including the amount. Describe efforts to find additional leveraged funds.
- Describe efforts to fully explore other grant funding sources, to establish the project's need for WCMP funding.

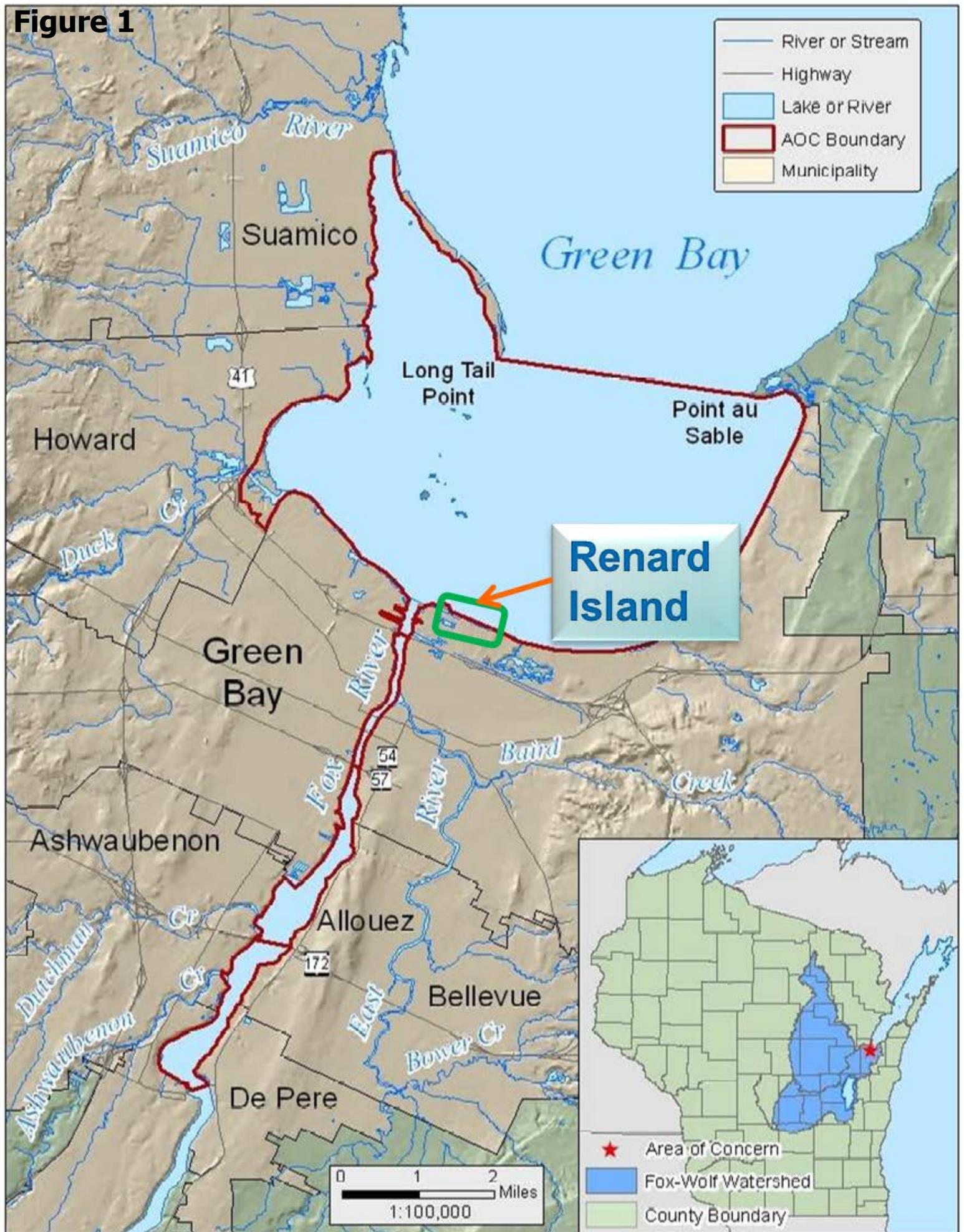
a. Non-federal matching funds have been committed to this project as follows:			
Funding Source	Cash	In-Kind	Total
Brown County Port & Resource Recovery Department	\$ 10,000	\$ 1,000	\$ 11,000
Associated Bank	\$ 15,000	\$ -	\$ 15,000
McDonald Lumber Company	\$ 25,000	\$ -	\$ 25,000
NEW Water	\$ 10,000	\$ -	\$ 10,000
WPS	\$ 5,000	\$ -	\$ 5,000
Total	\$ 65,000	\$ 1,000	\$ 66,000
b. Brown County continues to reach out to other potential partners to assist with the funding of the End-Use Plan for Renard Island. The implementation of the plan will be dependent on a variety of funding sources to make it a success.			
c. Additional funding was sought from a variety of public and private sources including the Fox River Natural Resources Damage Assessment, the Packers Foundation, the Green Bay Stadium District, the Friends of Bay Beach and the city of Green Bay.			

7. Bonus objectives. Address all of the issues listed below as they relate to your project.

- a. Build partnership alliances with other organizations or agencies
- b. Develop exceptional marketing, outreach or education strategies
- c. Encourage coast-wide projects or solutions
- d. Engage underrepresented communities

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| <ul style="list-style-type: none">a. This project exemplifies a true public-private partnership. As noted earlier, the implementation of the Renard Island End-Use Plan will depend on a variety of funding sources to make it a success. An ad-hoc committee with representatives from Brown County Port & Resource Recovery Department, Brown County Parks Department, Brown County Planning Department, the city of Green Bay, Greater Green Bay Convention & Visitors Bureau, McDonald Lumber Company, UW-Green Bay, NEW Water, Wisconsin DNR, WPS and South Bay Marina began meeting in May 2017 to examine end-use possibilities. It is expected that this group will become the technical and review committee for the plan development.b. The process of developing the plan will be showcased in the Port's newsletter <i>Port 'n News</i> as will the final plan and designs to encourage input from a wide audience. The Great Lakes Dredging Team will be asked to provide input on the technical aspects of the plan designs. The final designs will be showcased at a public forum at the end of the project. The <i>Renard Island End-Use Plan</i> will be distributed to the project partners as well as other stakeholders as a means of building support for implementation of the plan. Copies of the plan and final designs will be made available through the Port of Green Bay website as well as through the Wisconsin Commercial Ports website.c. The development of an End-Use Plan for Renard Island will become an example to other communities around the Great Lakes of the beneficial reuse of dredge material and confined disposal facilities. Having the Great Lakes Dredging Team involved in the process will ensure that the plan gets wide distribution throughout the Great Lakes.d. The development of and eventual implementation of an End-Use Plan for Renard Island will provide many people in the Green Bay metropolitan area with direct access to the bay, something that is not currently available to many lower income families. The project would be developed in an area with some of the lowest incomes and highest minority population in the Green Bay area. |
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Figure 1



Renard Island



Figure 2



Figure 3