



## DESCRIPTION OF SHORELINE MANAGEMENT PLAN SECTIONS AND PROPOSED CHANGES FOR THE MARKHAM FERRY PROJECT (LAKE HUDSON)

January 2022

### Executive Summary

#### Introduction

This section provides background on the Markham Ferry Project.

*No substantive changes to this section are proposed.*

#### Purpose and Scope of SMP

This section details the overall purpose of the SMP to guide GRDA's management of the shoreline and describes the lands subject to the SMP. It also described the general structure of the SMP.

*GRDA plans to add information to this section detailing the FERC order(s) associated with the current SMP update.*

#### SMP Goals and Objectives

This section details the overall goal of the SMP to provide a comprehensive plan to guide the management of multiple resources and uses of the Project's shoreline in a manner consistent with the FERC license and Project purposes. The SMP balances public and private uses with natural resource protection and hydroelectric generation.

*No substantive changes to this section are proposed.*

#### Public Participation and Agency Consultation

*This section will be revised to describe the public participation and agency consultation undertaken in the original development of the SMP as well as the update currently being conducted. The draft updated SMP will be provided to stakeholders for review and comment. Comments will be addressed in the Final SMP prior to filing with FERC.*

#### Inventory of Existing Resources and Uses

This section provides information on the river basin, provides a general project description, and information on the different natural resources that could potentially be impacted by management of the shoreline.

*GRDA plans to add background information on USACE management of the flood pool under the Flood Control Act. GRDA will also update the different resource areas with new information or data that has become available since the SMP was originally drafted. Updates to the following resource areas are anticipated:*

- *Water Quality*
- *Fish and Wildlife Species*

- *Wildlife Management*
- *Threatened and Endangered Species*
- *Wetlands*
- *Socioeconomics*

### **Summary of Recreation Plan**

This section provides a summary of recreation at the project and the requirements listed in the approved recreation plan for the Project.

*GRDA plans to update the recreation section of the SMP with information and data collected during the 2020 Markham Ferry recreation study.*

### **Shoreline Management Classification**

This section provides an overview of each of the shoreline management classifications.

*No substantive changes to this section are proposed.*

### **Allowable Use Categories**

This section details the three allowable use categories: commercial, residential, and municipal/public use.

*No substantive changes to this section are proposed.*

### **Shoreline Management Classification Mapping**

This section includes maps showing the location of each SMC classification on a map series.

*GRDA plans to update the current SMC maps with updates that have occurred since the original maps were approved. This will include the reclassification of Snowdale State Park to the Municipal/Public Use classification. Changes from the currently approved maps will also be identified.*

### **Adaptive Management for Areas of Concern**

This section provides a framework for GRDA to monitor, analyze, and subsequently manage growth of development in a specific location in a flexible manner, known as adaptive management.

*No substantive changes to this section are proposed.*

### **New Shoreline Uses**

This section details the process an applicant must go through to obtain GRDA permits or authorization for new shoreline uses.

*No substantive changes to this section are proposed.*

### **Permitting and Inspection**

#### **Article 407 (Standard Land Use Article)**

This section details three types of conveyances identified in Article 410 that GRDA may authorize on Project lands without formal FERC approval prior to issuance.

*No substantive changes to this section are proposed.*

### **GRDA Permitting and Approval**

This section describes the general permit review process undertaken by GRDA.

*No substantive changes to this section are proposed.*

### **Commercial Permit Application Standards**

This section describes the standards for commercial permit applications.

*No substantive changes to this section are proposed.*

### **Residential Dock Permit Application Standards**

This section describes the standards for residential dock permit applications.

*No substantive changes to this section are proposed.*

### **Vegetation Management**

This section details the vegetation management standards set forth in the SMP.

*In order to address requirements in the April 30, 2014 FERC order approving the SMP, GRDA will add provisions to quantify the effects of permitted vegetation removal and mitigate these effects through the enhancement or protection of vegetation in other areas. The provisions will incorporate information on vegetation management activities collected since the SMP was originally approved. The provisions will also include the following items required in the FERC order:*

- *Methods developed to quantify impacts and measures to mitigate the impacts of the vegetation management rules,*
- *Strategies for how GRDA will enforce the approved vegetation management rules,*
- *Any revisions, as needed to the vegetation management rules.*

### **Wetland Impact/Mitigation**

*In order to address requirements in the April 30, 2014 FERC order approving the SMP, GRDA plans to add a new section to the SMP to identify existing wetland potentially affected by proposed shoreline activities and evaluating their functions and values, assess probable effects of proposed activities on wetlands, and address adverse effects on wetlands from permitted activities through appropriate mitigation.*

### **Other Uses-Habitable Structures**

At the time the SMP was approved, GRDA was in the process of gathering data and reviewing relevant studies and information regarding habitable structures. *This section will be revised to incorporate the current standards for the two existing habitable structures located at the Project.*

### **Other Uses-Dredging and Excavation Policy**

This section details the standards regarding permitting of excavation and dredging activities on GRDA-owned property. Currently all dredging activities require sediment sampling.

*No substantive changes to this section are proposed.*

**Other Uses-Placement of Buoys; Shoreline Stabilization; Railways, Tram Systems, Fences, etc.; Leases of Lands for Public Purposes**

These sections address the policies for authorizing of these facilities/activities on GRDA-owned lands.

*No substantive changes to these sections are proposed.*

**Other Uses-Grazing**

This section describes the requirement for adjacent landowners to obtain a grazing permit prior to allowing grazing on GRDA-owned lands.

*This section will be revised to incorporate the approved grazing plan.*

**Other Uses-Licenses to Encroach**

This section describes the ability for landowners with structures built on Project Property prior to June 1, 2005 to obtain a license to encroach, which allows them to leave the structures in place for a designated period of time.

*This section will be revised to incorporate the current encroachment license standards.*

**General Property Inspections**

This section indicates that GRDA has the right to inspect any permitted or unpermitted use of the Project for compliance with the SMP.

*No substantive changes to this section are proposed.*

**Permit Waivers**

This section details the process involved with requesting a waiver, exception, or modification to the requirements of the SMP.

*No substantive changes to this section are proposed.*

**Grandfathered Improvements**

This section describes existing uses that may be considered grandfathered improvements and are allowed to remain in place.

*No substantive changes to this section are proposed.*

**BMPS and Educational Outreach**

This section describes best management practices (BMPs) that landowners may implement on their own properties to minimize impacts to natural resources.

*No substantive changes to this section are proposed.*

**Agency Regulatory Review and Permitting**

This section describes other federal, state, and local permits/authorizations that applicants may be required to obtain prior to issuance of any GRDA permits.

*No substantive changes to this section are proposed.*

**Enforcement of Shoreline Management Plan**

This section describes the enforcement measures GRDA may undertake to ensure compliance with the SMP.

*No substantive changes to this section are proposed.*

**SMP Amendment Process**

This section describes the process involved with amending the SMP.

*No substantive changes to this section are proposed.*