

Information for File #2012-02897-ADB

Applicant North Oaks Homeowners Association

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Primary County Ramsey

Section 7

Township 30N

Range 23W

Information Complete On August 12, 2012

Posting Expires On August 22, 2012

Authorization Type MN-LOP-05

This application is being reviewed in accordance with the practices for documenting Corps jurisdiction under Sections 9 and 10 of the Rivers and Harbor Act of 1899 and Section 404 of the Clean Water Act identified in Regulatory Guidance Letter 07-01. We have made a preliminary determination that the aquatic resources that would be impacted by the proposed project are regulated by the Corps of Engineers under Section 404 of the Clean Water Act. Our jurisdictional review and final jurisdictional determination could result in modifications to the scope of the project's regulated waterbody/wetland impacts and compensatory mitigation requirements identified above.

PROJECT DESCRIPTION AND PURPOSE: The applicant proposes to impact 2,220 linear feet of shoreline, at eight locations, within Pleasant Lake, as shown on the drawings labeled 2012-02897-ADB page 2 and 3 of 4. North Oaks Homeowners Association (NOHOA) is proposing to construct bank stabilization structures.

The structures will be constructed as shown on the drawing labeled 2012-02897-ADB page 4 of 4. The Ordinary High Watermark (OHW) for Pleasant Lake is 893.5 feet above mean sea level. The boulder toe would be installed below the OHW. The coir log would be installed at about the same level as the OHW. No grading or excavating will occur on either of the sites. Emergent plants will be planted in the lake bottom to re-establish native vegetation.

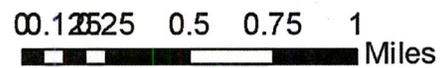
NAME, AREA AND TYPES OF WATERS (INCLUDING WETLANDS) SUBJECT TO LOSS: The affected water consists of 2,220 linear feet of shoreline.

ALTERNATIVES CONSIDERED:

Do Nothing: NOHOA is trying to protect the property of the residents in the area along with an existing pedestrian trail. Natural erosion is encroaching on the trail and residents' properties. If no action is taken, the trail and property may be in jeopardy.

Regrade and add fill: The trail that goes around the lake is very close to the shoreline in several spots, so there is very little room to do any regrading or reshaping of the bank. Also, the applicant would like a more permanent solution than this alternative.

Drawings See attached drawing labeled MVP-2012-02897-ADB 1 of 4 thru 4 of 4.



"The Island" on north side of Pleasant Lake

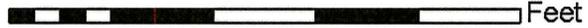


Legend

 Shrine Resto 2013

1:4,000

Aerial Photo Source: MN Geospacial Image Server WMS, 2010



0 100 200 400 600 800 1,000 Feet





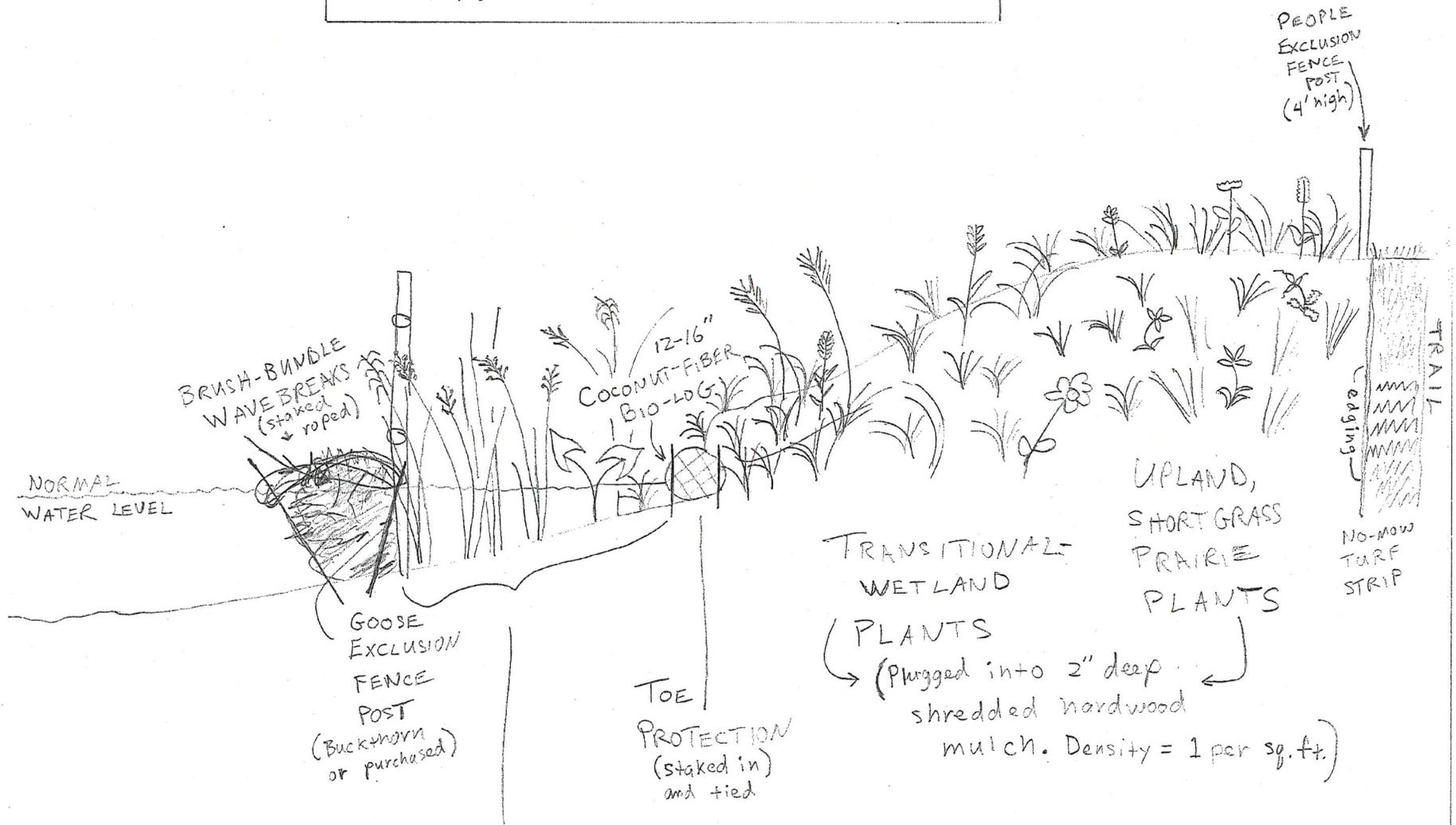
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Shrine Resto 2013

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Aerial Photo Source: MN Geospatial Image Server WMS, 2010
0 100 200 400 600 800 1,000 Feet



METHODOLOGY FOR
SHORELINE RESTORATION
- CROSS-SECTIONAL VIEW -



by JOE WALTON
REFUGIA, LLC

EMERGENT
AQUATIC
PLANTS (larger,
potted
plants)
Density = 1/sq ft.

TRANSITIONAL-
WETLAND
PLANTS
(Plugged into 2" deep
shredded hardwood
mulch. Density = 1 per sq. ft.)

UPLAND,
SHORT GRASS
PRAIRIE
PLANTS

TRAIL
edging
NO-MOW
TURF
STRIP

PEOPLE
EXCLUSION
FENCE
POST
(4' high)