PERMIT MUST BE POSTED AT PROJECT SITE, VISIBLE FROM ROAD

Permit Number: 15-44  Permit Date: 4/29/2015

Permit Granted To: John Grabow

Project Address: 520 Shorewood Dr.

City, Street, Zip: Detroit Lakes, MN 56501

Project Type: Alteration to Land – Level bank of shoreline, repair and level pavers, straw blanket and mulch

Permit Granted with the Following Conditions to be Satisfied by the Permit Holder:
None

***Install according to Becker County or City of Detroit Lakes Shoreland Ordinance and Planning and Zoning regulations, and State of MN – Department of Natural Resources

This permit is valid for 18 months.

Permit may be revoked at any time upon violation of Pelican River Water Management Rules. Any changes to this site permit results in nullification of this permit and a new permit will have to be obtained.

Signature of Pelican River Watershed District Board of Managers or Designee (District Administrator)
PERMIT APPLICATION

TO BE COMPLETED BY APPLICANT (Property Owner OR by Governmental Entity if a public project)

Return completed permit application, including two sets of required exhibits, and appropriate fees to:

Pelican River Watershed District
Wells Fargo Bank Building, Suite 201
211 Holmes St. West
Detroit Lakes, MN 56502
PH (218) 846-0436 FAX (218) 846-0778
www.prwd.org

PERMIT NO. ___________
REC'D OFFICE 4/28/15 REC'D ENGR/SWCD ___________
PERMIT & FIELD INSPECTION FEES $ ___________
CASH OR CHECK NO. ___________

1. PROPERTY OWNERS List all (Last, First, M.I.)

John (Grabow)

Address (Street, Box #, City, State, Zip)

520 Shorewood Drive

Day Telephone Cellular Phone E-mail

320-894-0674

2. PROJECT LOCATION (Attach drawing with directions to site):

LAKE (if applicable) TOWNSHIP(S) TWP NO. RANGE SECTION (1/4) LOT, BLOCK, SUBDIVISION

PROJECT ADDRESS: CITY:

Big Detroit

520 Shorewood Drive

3. PERMIT APPLICATION FOR:

X A. alterations to land, vegetation, impervious surface in shore impact zone

B. rip-rap or beach sand blanket (installation, repair, replacement)

C. alterations to land, vegetation, impervious surface in bluff impact zone or on steep slopes in shoreland district

D. retaining wall (installation, repair, replacement within shore impact or bluff impact zones)

E. impervious surface (total cumulative coverage)

more than 25% of lot coverage

1 acre (43,560 sq. ft.) or greater

more than 10,000 sq. ft. in Shoreland District

F. subdivisions, plats, or planned unit developments (PUD’s)

G. highway, road, street, parking lot, or public water access

H. bridges, culverts, inlets to waters of the state; storm sewers

(new or changes to existing structures)

I. groundwater dewatering

(discharges to Waters of the State)

3.a CONTRACTOR(S) CONTACT INFORMATION

COMPANY, NAME, ADDRESS, PHONE, CELL PHONE, EMAIL, FAX

Natures Design
23485 Old 59 Rd
Pelican Rapids MN 56572
Office 218-701-3323
Cell 701-238-9298 Email: natureddesign@gmail.com

3.b EROSION CONTROL / GRADING CONTACT (if different)

COMPANY, NAME, ADDRESS, PHONE, CELL PHONE, EMAIL, FAX

SAME

4. PROJECT DESCRIPTION

Lead Bank of Shoreline - Repair and level pavers - Edge closest to shoreline - add dirt where needed - straw blanket over seed & mulch

*Please attach site plan

5. DATES

Proposed start of activity: Proposed Completion Date:

April 17, 2015 - April 25, 2015 Completed
Landowner: Jon Grabow  
Contractor: Josh Braton, Natures Design  
Project Address: 520 Shorewood Dr  
Site Visit Date: 04/28/2015  
Parties Present During visit: Josh, Natures Design

Josh Braton, Nature's Design, met to discuss ice damage repairs to 520 Shorewood Drive. Rip-rap had been pushed into the shoreline causing uplifting of the lawn.

The damaged rip-rap area or shoreline will be restored to native grasses. A rock wave break will be placed in front of a coir log (at the base of the shore, above the OHW). Grasses will be planted into the coir log as well and the shoreline which will be covered with coconut matting to control erosion. The area of the lawn which was pushed upward will be repaired and stabilized maintaining a minimum a berm to limit stormwater runoff.

A beach area (per MN DNR guidelines) will be built with a rip-rap border and washed sand. A berm minimum height of 8 inches (along the lawn edge) will also be maintained in this area.

Note: All retaining walls (railroad ties and 6x6 lumber) will be removed. Sand blanket will follow MN DNR guidelines.

Brent Alcott, Assistant Administrator