PERMIT

PERMIT MUST BE POSTED AT PROJECT SITE, VISIBLE FROM ROAD

Permit Number: 15-21  Permit Date: 4/22/2015
Permit Granted To: John & Muriel Wimbush
Project Address: 932 South Shore Dr.
City, Street, Zip: Detroit Lakes, MN 56501

Project Type: Remove tie rock bed – Put in berms and new rock beds.

Permit Granted with the Following Conditions to be Satisfied by the Permit Holder:
***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)

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

John Muriel Wimbush

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

932 South Shore Dr. Detroit Lakes MN 56501

Telephone 218-847-3334

Cell Phone

E-mail

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

Lake (if applicable) Detroit Lakes

Project Address: 932 South Shore Dr.

City: Detroit Lakes, MN

3. PERMIT APPLICATION FOR:

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% 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 (construction or reconstruction)

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)

1.a. PROJECT PLAN DESIGN CONTACT

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

R & R Grounds Keeping 25575 Brolin Bch Rd DL, MN 56501

Randy Gavelle 218-847-8508

218-841-1757 randy.gavelle@yahoo.com

1.b. PROJECT DESCRIPTION

Take out old & rock bed. put in new & built bed, com with grass planting in Boulder beds. Also put Berms on Yard to divert water to rock bed. Also take up border of beach and yard and put down clay to avoid future washouts.

Dates Proposed start of activity:

4-22-15

Proposed completion date:

6-1-15
Landowner: John and Muriel Wimbush
Contractor: Randy Gravelle, R & R Landscaping
Project Address: 932 S. Shore Dr
Site Visit Date: 04/14/2015
Parties Present During visit: Randy Gravelle

I met with the contractor at 932 South Shore Drive to discuss ideas to control runoff to Detroit Lakes.

The existing "rock garden" areas will be changed to a "rain garden" areas. Wood retaining walls on perimeter will be removed and replaced with a single layer of large stones (or 3:1 sloped rip-rap) to create the new perimeter. The existing river rock will be re-used. Native grass plantings will be used to help stabilize soils within the rain gardens. The rock gardens will not extend more than 10 feet toward the lake from the lawn. A berm will be constructed at the lawn edge to divert stormwater to the rain gardens. Railroad ties will be used to edge the lawn/beach.

Organic material that was pushed onto the beach over winter will be removed and disposed of away from the lake.

Brent Alcott, Assistant Administrator
- Remove wood, replace with rock
- Plant grasses in rock bed
= 44; 114
Hickey good with rock

Flume Flow
Mile 10