PERMIT

PERMIT MUST BE POSTED AT PROJECT SITE, VISIBLE FROM ROAD

Permit Number 16-38  Permit Date: 07/26/16

Permit Granted To: James and Janell Wensman

Project Address 1521 Long Lake Dr
City, State, ZIP: Detroit Lakes, MN 56501

Project Type Shore Impact Zone Alteration: Stairs to lake, Rip-Rap
Impervious Surface Coverage: Mitigation with permeable pavers

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

1) Erosion and Sediment Control Best Management Practices will be installed to contain disturbed soil which will not be stabilized within 24 hours.
2) Step will be not larger than 4 feet wide.
3) Project will be constructed as depicted in Lakes Area Landscaping site plan, revision #2, dated 7/14/2016
4) Owner will inspect and maintain pavers as described in PRWD Maintenance Guidelines

**Install according to Becker County or 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 Tera Guetter, District Administrator
**PERMIT APPLICATION FORM**

**Property Owner(s):** Jim & Jan Wensman  
**Mailing Address:** 10565 Christianson Apy S  
**Fax:** 256-5814  
**Phone:** 719-793-1699  
**Cell:** 313-631-5001  
**Email:** jim.wensman@gmail.com  
**Project Address:** 1421 Long Lake Drive  
**City of Detroit Lakes**

**Contractor Information (list all)**  
**Name:** Wes Pare  
**Company:** Lakes Area Landscaping  
**Phone:** 218-841-1292  
**Cell:** 218-836-1721  
**Email:** wes@lakesarealandscaping.com  
*Attach additional information as needed.

**PROJECT INFORMATION**

**PERMIT APPLICATION PURPOSE** (indicate all which apply)

- A. Alteration to land, vegetation, and/or impervious surface within the Shore Impact Zone
- B. Rip-rap or beach sand blanket (installation, repair, replacement)
- C. Alteration to land, vegetation, and/or impervious surface within bluff impact zone or on steep slopes within the Shorland District.
- D. Retaining wall (installation, repair or replacement within the Shore and/or Bluff Impact Zones)
- E. Impervious surface (cumulative) coverage
  - more than 25% of lot area
  - 1 acre or greater
  - > 10,000 sq. ft. within the Shorland District
- F. Subdivisions, plats, or Planned Unit Developments (PUD’s)
- G. Highway, road, street, parking lot or public water access (new or reconstruction)
- H. Bridges, culverts, inlets to waters of the state; storm sewers (new or replacement)
- I. Groundwater Dewatering (discharging to waters of the state)

**Project Purpose/Description: (Please be specific)**

Lake Name: (if applicable) Long Lake

**WE ARE PROPOSING INSTALLING RIP-RAP ALONG SHORELINE. ALSO WE WOULD LIKE TO ADD SOLID CONCRETE STEPS UP THE HILL TO THE FLAT AREA. FROM THERE, WE WOULD LIKE TO BUILD A PAVER FIREPIT AREA AND WALKWAY TO POOL AREA. THERE IS ALSO A PERMEABLE PAVER PATIO AROUND POOL AREA. ALSO WE WOULD LIKE TO DO A PERMEABLE PAVER DRIVEWAY PER DRAWING.**

Proposed start date: July 1, 2016  
Proposed completion date: Sept 1, 2016

*Identify any work already completed on drawings

**ADDITIONAL PERMITS**

<table>
<thead>
<tr>
<th>City of Detroit Lakes</th>
<th>Becker County</th>
<th>Minnesota DNR</th>
<th>Minnesota PCA</th>
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<tbody>
<tr>
<td>Permit Required</td>
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<td>Permit Received</td>
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<tr>
<td>Variance needed</td>
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<td>Variance needed</td>
<td>Variance needed</td>
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</table>

If variances are required, the approved conditions need to be included for permit approval.

*Additional permits may be required in addition to Pelican River Watershed District Permit  
Please attach copies of all permits and variances submitted and received
PERMIT APPLICATION SUBMISSION REQUIREMENTS

1. Completed permit application, signed by the Property Owner, or authorized signatory
2. Duplicates of all drawings, site plans, and other required documents.
3. Application and Field inspection fees according to the most recent schedule
4. Street map indicating project location

TERMS OF THE PERMIT

Applying for a permit issued through the Pelican River Watershed District (PRWD) in no way precludes obligation for permit application that may be required through OTHER governmental agencies. Any work performed prior to obtaining all required authorizations may be subject to Federal, State and/or administrative, civil, and/or criminal penalties. No liability shall be imposed on the District or any of its officers, agents or employees on official or personal grounds, on account of the granting of this permit, on account of any damage to any person or property resulting from any act or omission of the Permitee or any of its agents, employees or contractors relating to any matter hereunder. This permit shall not be construed as limiting any legal claim or right of action of the District against the Permitee, its agents, employees or contractors for the violation of, or failure to comply, with the provisions of the permit or applicable provisions of law.

When all items have been satisfactorily completed and the District determines the project meets the District's Rule requirement, this permit will be issued. The permit may be picked up at the District office, or it will be mailed to the designated address. A copy of the approved permit will be faxed to the applicable local governmental entity (Becker or Ottertail County, City of Detroit Lakes Zoning departments).

The permit will be valid for eighteen (18) months from the date of issuance, unless otherwise suspended or revoked. A permit may be extended at no charge, provided the property owner notifies the District in writing stating the reasons for extension. Any plan changes, and related project documents must also be included in the extension application. The District must receive the extension application at least thirty (30) day prior to the permit's expiration date as issued.

If changes are made to the permitted plans for this project, changes must be submitted to the District (in duplicate form) for review prior to installation or completion occurs. If changes to the original (permitted) plans are approved, an amended permit will then be issued.

This permit may be terminated by the Board of Managers without notice at any time deemed necessary for the management of the water resources of the District, or in the interest of public health and welfare, or for violation of any of the provision of this permit.

PERMIT APPLICATION AGREEMENT

"I understand that, as a Permitee, I am legally accountable to ensure compliance with the terms and conditions of the permit. I understand that I am not authorized to begin the project until I received the permit and the permit is posted as directed on the project site. If the project is modified, I will obtain approval by the District before I continue with the project. I authorize the District, and its agents, employees, officers, and contractors to enter the project site to perform any inspection or work authorized by the permit or any applicable law."

"I certify that I have thoroughly read and understand the information on this permit application, including submittal requirements."

Signature: [Signature] Date: 7-15-16
(Property owner, or authorized signature through letter of authority)

ACTION BY THE PELICAN RIVER WATERSHED DISTRICT

The above application is [APPROVED] [DISAPPROVED] this 24th day of July, 2016, by the Pelican River Watershed District.

By: [Signature]
Its: Administrator

Permit Number 16·38
Landowner: James and Janell Wensman  
Contractor: Lakes Area Landscaping  
Project Address: 1421 Long Lake Rd  
PIN: 492471834  
Site Visit Date: 07/12/2016  
Parties Present During visit: Mark (Lake Area Landscaping), Jim Wensman

I met with the contractor and owner at the above property to discuss the construction of steps to the lake and rip-rap. I explained District rules and MN DNR guidelines and what would be permitted.

The project will consist of the construction of a 4-foot-wide stairway down the slope to gain access to the lake/dock. Rip-rap will be installed following MN DNR guidelines in the areas which had experienced some erosion. Rip-rap will not be permitting to be installed above the eroded area.

Permeable Pavers will be used as mitigation for 25% lot coverage and will require and PRWD permit. The owner will be responsible for the maintenance and repair of the pavers as described in PRWD recommended maintenance activities.

The permit will be approved with the following conditions.

1) Erosion and Sediment Control Best Management Practices will be installed to contain disturbed soil which will not be stabilized within 24 hours.
2) Steps will be no larger than 4 feet wide.
3) Project will be constructed as depicted in Lakes Area Landscaping site plan, revision #2, dated 7/14/2016
4) Owner will inspect and maintain pavers as described in PRWD Maintenance Guidelines

Brent Alcott | Assistant Administrator
Pelican River Watershed District

Recommended Permeable Pavement Maintenance Activities

<table>
<thead>
<tr>
<th>Distress</th>
<th>Activity</th>
<th>Frequency</th>
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<tbody>
<tr>
<td>Clogging</td>
<td>Vacuum sweep surface to remove sediment</td>
<td>Annually (more frequent if high sediment loading occurs)</td>
</tr>
<tr>
<td>Clogged/Damaged Secondary Features</td>
<td>Clean our or repair secondary drainage features</td>
<td>Annually; after major rain event (&gt;1 inch)</td>
</tr>
<tr>
<td>Depressions</td>
<td>Repair all paver surface depression exceeding ½ inch</td>
<td>Annually; repair as needed</td>
</tr>
<tr>
<td>Rutting</td>
<td>Repair all paver surface rutting exceeding ¾ inch</td>
<td>Annually; repair as needed</td>
</tr>
<tr>
<td>Faulting</td>
<td>Repair all paver surface faulting exceeding ¾ inch</td>
<td>Annually; repair as needed</td>
</tr>
<tr>
<td>Damaged Paver Units</td>
<td>Replace medium- to high-severity cracked, spalled, or chipped paver units</td>
<td>Annually; repair as needed</td>
</tr>
<tr>
<td>Edge Restraint Damage</td>
<td>Repair pavers offset more than ¾ inch from adjacent units, curbs, inlets, etc.</td>
<td>Annually; repair as needed</td>
</tr>
<tr>
<td>Excessive Joint Width</td>
<td>Repair pavers exhibiting joint width exceeding ¾ inch</td>
<td>Annually; repair as needed</td>
</tr>
<tr>
<td>Horizontal Creep</td>
<td>Repair areas exhibiting horizontal creep exceeding ¾ inch</td>
<td>Annually; repair as needed</td>
</tr>
<tr>
<td>Additional Distresses</td>
<td>Replace missing pavers. A geotechnical investigation will be performed for pavement heaves</td>
<td>Annually; repair as needed</td>
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</tbody>
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