PERMIT

PERMIT MUST BE POSTED AT PROJECT SITE, VISIBLE FROM ROAD

Permit Number: 16-22  Permit Date: May 25, 2016
Permit Granted To: David Hiltner
Project Address: 15502 West Munson Lane
City, Street, Zip: Detroit Lakes, MN 56501
Project Type: Subdivision development

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

• Owner or contractor will contact PRWD staff after excavation of the basins to demonstrate suitable soils 3' below basin floor.

** 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.

Tera Guetter, Pelican River Watershed District Administrator
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 APPLICATION

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

1. PROPERTY OWNERS List all

<table>
<thead>
<tr>
<th>First Name</th>
<th>M.I.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hitlner</td>
<td></td>
</tr>
<tr>
<td>David</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Street Address</th>
<th>Box #</th>
<th>City</th>
<th>State</th>
<th>Zip Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>15502 West Munson Lane</td>
<td></td>
<td>Detroit Lakes</td>
<td>MN</td>
<td>56501</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Day Telephone</th>
<th>Cellular Phone</th>
<th>E-mail</th>
</tr>
</thead>
<tbody>
<tr>
<td>218-846-7123</td>
<td>218-234-5664</td>
<td><a href="mailto:davehitlner@gmail.com">davehitlner@gmail.com</a></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>LAKE (if applicable)</th>
<th>TOWNSHIP(S)</th>
<th>TWP NO.</th>
<th>RANGE</th>
<th>SECTION</th>
<th>LOT, BLOCK, SUBDIVISION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Munson</td>
<td>Lakeview</td>
<td>138</td>
<td>41</td>
<td>5</td>
<td>NW NW wOaks on Munson</td>
</tr>
</tbody>
</table>

PROJECT ADDRESS:

<table>
<thead>
<tr>
<th>CITY:</th>
<th>PROJECT ADDRESS:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>15502 West Munson Lane</td>
</tr>
</tbody>
</table>

Detroit Lakes

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% 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 (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)

3.a PROJECT PLAN DESIGN CONTACT

<table>
<thead>
<tr>
<th>COMPANY</th>
<th>CONTACT NAME</th>
</tr>
</thead>
<tbody>
<tr>
<td>Apex Engineering Group, Inc.</td>
<td>Jon A. Pratt</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>STREET ADDRESS</th>
<th>STATE</th>
<th>ZIP CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1265 Hwy 10 West - Suite 4</td>
<td>MN</td>
<td>56501</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PHONE</th>
<th>CELLULAR PHONE</th>
<th>EMAIL</th>
</tr>
</thead>
<tbody>
<tr>
<td>218-844-2582</td>
<td>218-841-1282</td>
<td><a href="mailto:Jon.Pratt@ApexEngGroup.com">Jon.Pratt@ApexEngGroup.com</a></td>
</tr>
</tbody>
</table>

3.b EROSION CONTROL GRADING CONTACT for our Inspector:

<table>
<thead>
<tr>
<th>COMPANY</th>
<th>CONTACT NAME</th>
</tr>
</thead>
<tbody>
<tr>
<td>TBD</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>STREET ADDRESS</th>
<th>STATE</th>
<th>ZIP CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PHONE</th>
<th>CELLULAR PHONE</th>
<th>EMAIL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

4. PROJECT DESCRIPTION

Street construction and stormwater collection and treatment for proposed subdivision.

5. DATES

Proposed start of activity:
4/1/2016

Proposed Completion Date:
8/1/2016
Submittal Requirements
Applicants must submit all of the following items:
1. Completed permit application (application must be signed by the PROPERTY OWNER or Governmental Entity)
2. 2 copies of drawings, plans and other data as outlined in “Pelican River Watershed District Permit Information Sheets”
3. The application/field inspection fees according to the most recent schedule set by the Board of Managers
4. Street location map

Applying for the permit does not preclude your applying for any necessary permit that may be required from OTHER governmental agencies. Any work performed prior to obtaining all required authorizations may be subject to Federal, State, and/or local administrative, civil and/or criminal penalties. No liability shall be imposed on the district or any of its officers, agents, or employees, officially or personally, on account of the granting of this permit, on an account of any damage to any person or property resulting from any act or omission of the permitting 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 permittee, 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 office or it will be mailed out. A copy will be faxed to the applicable governmental entity (Becker County or City of DL Zoning Departments).

The permit will be valid for 18 months from 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 30 days prior to the permit’s expiration date.

If changes are made to the permitted plans for this project, changes must be submitted to the District (in duplicate) for review. If approved, an amended permit will be issued.

When the project is complete, please call the District office at (218) 846-0436 to request final inspection.

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 the public health and welfare, or for violation of any of the provisions of this permit.

“I understand that, as a Permittee, 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 receive the permit and the permit sign is posted on the 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: David Heitner          DATE: 3-3-16
Property Owner or Authorized Signature of Governmental Entity

APPROVED PERMIT MUST BE POSTED PROMINENTLY ON THE SITE BEFORE ANY WORK CAN BEGIN. THE PELICAN WATERSHED DISTRICT MAY ISSUE STOP-WORK ORDERS ON SITES WITHOUT APPROVED PERMITS. IF A PERMITTED SITE IS OUT OF COMPLIANCE WITH ITS PLAN, AS DETERMINED BY INSPECTION, A STOP WORK ORDER MAY BE ISSUED AND PENALTIES APPLIED. VIOLATION OF DISTRICT WATER MANAGEMENT RULES IS A MISDEMEANOR SUBJECT TO A PENALTY AS PROVIDED BY LAW.

ACTION BY PELICAN RIVER WATERSHED DISTRICT
PERMIT NO. 016 0 22

The above application for permit is APPROVED / DISAPPROVED this 25th day of May, 2016

Pelican River Watershed District
BY       Administrator
PELICAN RIVER WATERSHED DISTRICT
PERMIT REVIEW

REVIEW DATE: May 23, 2016
WENCK REVIEW ID: 16-03
ITEM: The Oaks on Munson Roadway Improvements

RECOMMENDATION TO DISTRICT ADMINISTRATOR:

X Issue permit

Verify compliance with conditions before permit issue (see end of report)

Deny permit

APPLICANT: Mr. David Hiltner
15502 West Munson Lane
Detroit Lakes, MN 56501

PURPOSE: The proposed project involves construction of a new road on a 15-acre site. Following completion, approximately 0.41 acres of the site (3%) will be converted to impervious area. It appears that the road will be built to service future home sites.

LOCATION: Southwest of the south end of West Munson Lane.

APPLICABILITY:
Total impervious surface (new and existing) of 10,000 sq. ft. or more within the Shoreland Zone (land located within 1,000 linear feet of a lake, or 300 linear feet of a stream or river)

EXHIBITS:
4. PRWD Resubmittal #1, by Apex Engineering Group, dated 4/27/16, recd. 4/29/16.

FINDINGS:

Maintenance: A detailed schedule indicating dates and sequence of land alteration activities has been received. A detailed description of how erosion and sediment control and soil stabilization measures will be monitored, maintained, and removed has been
received. The name, address and phone number of the party responsible for maintenance of all erosion control measures has been provided. A maintenance plan for on-site treatment measures has been provided.

**Soils & Erosion Control Plan:** Soils affected by the proposal are Corliss-Dorset. Preliminary landscaping plans for storm water treatment practices and site re-vegetation have been provided. Adjacent properties are protected from sediment deposition. Wetlands, waterbodies and water conveyance systems are protected from erosion. Project site is approximately 1 acre; an NPDES permit may be required.

**Grading Plan:** The location/dimension of existing property lines, roads, structures, utilities, easements, and paved and unpaved areas has been provided. A detailed site topographic plan (minimum 2-foot contours) for the proposed project conditions, which clearly indicates alterations to existing grades and topographic features, has been provided.

**Stormwater & Hydraulics:** Stormwater leaving the site is not discharged into a well-defined receiving channel or pipe, but the adjacent landowner has documented that it is acceptable. The rate of post-development runoff from the site does not exceed pre-development rates for the 5-, 25-, and 100-year, 24-hour storm events.

**Water Quality:** Water quality treatment facilities achieve 90% TSS and 50% total phosphorus removal. Lakeview Township has approved full maintenance responsibility for the two proposed infiltration basins. PRWD staff executed the MIDS Calculator to determine adequate pretreatment is provided by the roadside ditches.

---

**RECOMMENDATION TO DISTRICT ADMINISTRATOR:**

- **X** Issue permit
- Verify compliance with conditions before permit issue (see end of report)
- Deny permit

Consider:

1. The *Minnesota Stormwater Manual* recommends installation of potted plants or plant plugs rather than seed.
   a. *Plugs, bare root plants or potted plants are RECOMMENDED over seed for herbaceous plants, shrubs, and trees. Erosion control mats pre-vegetated with herbaceous plants are also acceptable. For turf, sod is recommended over seed. (NOTE: Fluctuating water levels following seeding (prior to germination) can cause seed to float and be transported, resulting in bare areas that are more prone to erosion and weed invasion than vegetated areas. Seed is also difficult to establish through mulch, a common surface component of bioretention. It may take more than two*
growing seasons to establish the function and desired aesthetic of mature vegetation via seeding.)
b. The deep roots of native plants have been shown to maintain infiltration capacity whereas thatch and shallow roots from turf grass has been shown to decrease infiltration capacity.
c. Specify deep rooted, salt tolerant, native plants according to *Plants for Stormwater Design* (Shaw and Schmidt, 2003).