PERMIT

PERMIT MUST BE POSTED AT PROJECT SITE, VISIBLE FROM ROAD

Permit Number 16-48        Permit Date: 09/07/16

Permit Granted To:

City of Detroit Lakes

Project Address Long Bridge Heights- Phase III

City, State, ZIP: Detroit Lakes, MN 56501

Project Type Subdivision: Street and Utility Improvements - Stormwater Management
Long Bridge Heights - Phase III

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

Approved per Wenck engineering review 16-04, dated 09/02/2016

3. All measures must conform to other applicable Zoning and Shoreland Ordinance regulations (Becker County, City of Detroit Lakes, Minnesota Pollution Control Agency, Mn Department of Natural Resources)

**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):** City of Detroit Lakes  
**Mailing Address:** 1025 Roosevelt Avenue  
Detroit Lakes, MN 56501  
**Phone:** 218-847-5180  
**Email:** KKleemaa@ci.detroit-lakes.mn.us  
**Project Address:** Shockey Road & Baybridge Drive  
**Parcel ID Number(s):**  

**Permit should be sent to:**  
Mail: Mailing Address  
Contractor: Contractor  
Call to pick up: Call to pick up  
Phone: Phone:  

**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 Shoreland District.
- D. Retaining wall (installation, repair or replacement within the Shore and/or bluff impact zones)
- E. Impervious surface (cumulative)
- more than 25% of lot area
- 1 acre or greater
- > 10,000 sq. ft. within the Shoreland 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

**Proposed Purpose/Description:** Long Bridge Heights Phase III Street & Utility Improvements

**Proposed start date:** 8/15/16  
**Proposed completion date:** 7/31/2017

**ADDITIONAL PERMITS**

- City of Detroit Lakes  
  Permit Required:  
  Permit Received:  
  Variance needed:  

- Becker County  
  Permit Required:  
  Permit Received:  
  Variance needed:  

- Minnesota DNR  
  Permit Required:  
  Permit Received:  
  Variance needed:  

- Minnesota PCA  
  Permit Required:  
  Permit Received:  

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 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 Permittee 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 requirements, 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) days 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 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 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: ___________________________ Date: 7/26/16
(Property owner, or authorized signature through letter of authority)

ACTION BY THE PELICAN RIVER WATERSHED DISTRICT

The above application is APPROVED / DISAPPROVED this 7th day of Sept. 2016, by the
Pelican River Watershed District
by: ___________________________
its: ___________________________
PELICAN RIVER WATERSHED DISTRICT
PERMIT REVIEW

REVIEW DATE: September 2, 2016
WENCK REVIEW ID: 16-04
ITEM: Long Bridge Heights – Phase 3

RECOMMENDATION TO DISTRICT ADMINISTRATOR:

X Issue permit

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

 Deny permit

APPLICANT: City of Detroit Lakes

PURPOSE: The proposed project involves the construction of infrastructure, utilities and stormwater management for Phase 3 of Long Bridge Heights Development. Currently Phases 2 and 3 of the development lie on a 19.93-acre area of which 4.48 (22%) acres is impervious. This project will increase the overall impervious area by approximately 4.39 acres. Following completion, approximately 8.87 acres of the 19.93-acre area (45%) will be converted to impervious area.

LOCATION: Long Bridge Heights Development in Detroit Lakes, MN; South of Little Detroit Lake.

APPLICABILITY:
Total impervious surface (new and existing) in excess of 25% of lot area
Total impervious surface (new and existing) of one acre or more

EXHIBITS:
5. HydroCAD modeling for Phases 2 and 3, by Apex Engineering Group, dated 8/23/16, recd. 8/23/16
6. HydroCAD modeling for Phase 2 (original modeling), by Ulteig Engineers, dated 6/20/05, recd. 8/23/16
7. MIDS modeling by Apex Engineering Group, dated 8/3/16. Recd. 8/3/16
8. Maintenance plan, by Apex Engineering Group, dated 1/22/04, recd. 8/30/16.

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 will be provided. A maintenance plan for on-site treatment measures has been provided.

Soils & Erosion Control Plan: Soils affected by the proposal are primarily surgargrush sandy loams. Preliminary landscaping plans for storm water treatment practices and site re-vegetation has been provided. Adjacent properties are protected from sediment deposition. Wetlands, waterbodies and water conveyance systems are protected from erosion. Project site is greater than 1 acre; an NPDES permit is 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 discharged into a well defined receiving channel or pipe and routed to a public drainage system. 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 through infiltration. Water quality ponds, infiltration basin, or filtration basin is are designed correctly.

RECOMMENDATION TO DISTRICT ADMINISTRATOR:

X Issue permit

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

Deny permit

As your re-submittal is reviewed, we may find the need to request additional information, and will so inform you.

Conditions:
1. Provide the name and contact of party responsible for monitoring and maintaining of erosion control.

Recommendations:
1. As part of HydroCAD modeling for the site, the proposed infiltration basins were not modeled as impervious as PRWD requires. In the future all infiltration and sedimentation ponds shall be modeled as impervious.