PERMIT

PERMIT MUST BE POSTED AT PROJECT SITE, VISIBLE FROM ROAD

Permit Number 19-21  Permit Date: 06/11/19

Permit Granted To:

City of Detroit Lakes, Detroit Mountain Recreation Area

Project Address 29409 170th St

City, State, ZIP: Detroit Lakes, MN 56501

Project Type Construction of new parking lot resulting in impervious coverage of 4.59-acres, a 0.85-acre increase and stormwater treatment.

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

1) Provide a detailed schedule indicating dates and sequence of land alteration activities, along with the responsible party prior to beginning of construction.
3) Project will be constructed as shown on approved Civil Plans, prepared by APEX Engineering, dated February 20th, 2019.
4) Provide sumps in catch basins in proposed paved parking lot as shown on hand marked up drawing drawing Sheet 16 labeled "Grading Plan" for Inlet A and Inlet B. They both are indicated with a 3-foot depth
5) Prior to pond construction, applicant shall submit a revised drawing showing a stabilized emergency overflow (EOF) for the basin at an invert above the 100-year water level.
7) Owner is responsible for long-term maintenance of the project as described on Sheet 3 of the approved Construction Plans, prepared by APEX Engineering, dated February 20, 2019.

**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)**

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
For Office Use Only

Permit App. # ____________________
Date Rec'd. 4/10/19
Permit/Inspection Fees 80
Cash/Check # ____________________
Parcel # ____________________

PERMIT APPLICATION FORM

Property Owner(s): City of Detroit Lakes
Mailing Address: 1025 Roosevelt Avenue
Detroit Lakes, Minnesota 56501
Phone: 218-844-2583
Email: iprett@ci.detroit-lakes.mn.us
Project Address: 29409 170th Street
Parcel ID Number(s): 10702-500

Permit should be sent to: x Mailing Address x Contractor
x Call to pick up Phone: 218-844-2582

Contractor Information (list all)
Name: TBD
Company: ____________________
Address: ____________________
Phone: ____________________
Cell: ____________________

PROJECT INFORMATION

PERMIT APPLICATION PURPOSE (indicate all which apply)

x 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) coverage

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

Project Purpose/Description: (Please be specific)

Lake Name (If applicable):

Parking lot improvements at the Detroit Mountain Recreation Area facility. Project includes new parking lot adjacent to the tubing lodge. Stormwater management is to be provided by an existing stormwater basin south of the existing lots. The existing basin was expanded in 2018 and provides treatment to the proposed lot, the existing lot at the main lodge as well as for the gravel parking area which may be improved at a future date as shown on the SWPPP.

Proposed start date: May 2019
Proposed completion date: August 2019

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 ______

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 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 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: [Signature]
Date: 2/5/19
(Property owner, or authorized signature through letter of authority)

ACTION BY THE PELICAN RIVER WATERSHED DISTRICT

The above application is [CIRCLED] APPROVED [DISAPPROVED] this 11 day of June, 2019, by the

By: [Signature]

Permit Number 19-01

Pelican River Watershed District

[Administrator]
PELICAN RIVER WATERSHED DISTRICT
PERMIT REVIEW

REVIEW DATE: June 11th, 2019
WENCK REVIEW ID: 19-02
ITEM: Detroit Mountain Recreation Area – Parking Lot Improvement

RECOMMENDATION TO DISTRICT ADMINISTRATOR:

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

APPLICANT: City of Detroit Lakes
1025 Roosevelt Avenue
Detroit Lakes, MN 56501

PURPOSE: The proposed project involves construction of a new parking lot and will disturb approximately 1.458 acres. Improvements include constructing a new bituminous parking lot, and stormwater management. Following completion, approximately 4.59-acres of the site will be converted to impervious area, which is approximately 0.85 acre increase.

LOCATION: 29409 170th St
Detroit Lakes, MN 56501

APPLICABILITY:
Total impervious surface (new and existing) of one acre or more

EXHIBITS:
1. PRWD Permit Application, by Apex Engineering, signed and dated February 5th, 2019, received April 10th, 2019.
2. Civil Plans for Parking Lot improvements for DMRA (Sheets 1-2, 4 and 5-17), by Apex Engineering, signed and dated February 20th, 2019, received April 10th, 2019.
3. Civil Plans for Parking Lot improvements for DMRA (Sheets 3 & 5), by Apex Engineering, signed and dated February 20th, 2019, received June 10th, 2019.
4. Revised erosion control (around pond), restoration (around pond) and piping for Parking Lot improvements for DMRA by Apex Engineering, not dated, received June 10th, 2019.

FINDINGS:

Maintenance: A detailed schedule indicating dates and sequence of land alteration activities has not 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 not been provided. A maintenance plan for on-site treatment measures has been provided.

Soils & Erosion Control Plan: Soils affected by the proposal are sand and sandy loams, Udipsamments, Cut and Fill Land, and Snellman-sugarbush complex. 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 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 have 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 does achieve 90% TSS and 50% total phosphorus removal. A water quality pond is designed correctly.

RECOMMENDATION TO DISTRICT ADMINISTRATOR:

____ Issue permit

XXX Issue permit with conditions (see end of report)

_____ 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 a detailed schedule indicating dates and sequence of land alteration activities, along with the party responsible for maintenance of all erosion control measures prior to beginning construction.
2. Provide sumps in catch basins in proposed paved parking lot as shown on hand marked-up drawing Sheet 16 of 17 labeled “Grading Plan” for Inlet A and Inlet B. They both are indicated with 3-foot deep sumps.
3. Prior to pond construction, applicant shall submit a revised drawing show a stabilized emergency overflow (EOF) for the basin at an invert above the 100-year water level.

Recommendations:
1. Revise pond grading to have normal water elevation at the inside of the 10 foot wide bench as recommended by the Minnesota Stormwater Manual. Currently, the design indicates that the normal water level is covering half of the proposed bench. Also, the required water quality volume is 46,740 cubic feet and not 43,740 cubic feet as indicated on Sheet 3 of 17, based on revised HydroCAD modeling.