PERMIT

PERMIT MUST BE POSTED AT PROJECT SITE, VISIBLE FROM ROAD

Permit Number 17-53          Permit Date: 08/25/17

Permit Granted To:

City of Detroit Lakes

Project Address Detroit Lakes Airport

City, State, ZIP: Detroit Lakes, MN 56501

Project Type Impervious Surface Coverage more than 1 acre: Re-development and expansion of airport runway and taxiway

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

1) Approved per Wenck Associates review recommendation, Review #09-17, dated 08/16/17.
2) Project will be constructed as shown on approved Civil Plans for Big Package I (56 sheets), prepared by Mead & Hunt, dated 08/09/17.
3) The FAA generally requires that new stormwater management facilities drain dry within 48 hrs of a storm event for the purposes of wildlife mitigation. The sediment traps, as designed, will not consistently infiltrate and/or evaporate between storm events, especially as the sediment traps fill with sediments. Consider supplementing existing design with wildlife mitigation measures as discussed in Section 2-3.b of FAA AC 150/5200-33B.
4) 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 Guettler, District Administrator
PERMIT APPLICATION FORM

Property Owner(s): Detroit Lakes - Becker County Airport Commission
Mailing Address: 1026 Roosevelt Avenue
Detroit Lakes, MN 56501
Phone: 218-847-5658  Cell:  
Email: KKleinm@ci.detroit-lakes.mn.us
Project Address: 24813 US Highway 10
Detroit Lakes, MN 56501
Parcel ID Number(s): 497003062, 497003070, 497003071, 497004010
Permit should be sent to: X Mailing Address  Contractor Call to pick up  Phone:

CONTRACTOR INFORMATION (list all)
Name: TBD
Company: 
Address: 
Phone: 
Cell: 

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 Shoreland District.
D. Retaining wall (installation, repair or replacement within the Shore and/or Bluff Impact Zones
X E. Impervious surface (cumulative) coverage
X more than 25% of lot area
X 1 acre or greater
X > 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

Project Purpose/Description: (Please be specific)
Lake Name (if applicable):
The proposed project will be a complete redevelopment of the existing airport that will include reconstructing, widening, shifting the thresholds, and extending the existing asphalt pavement on Runway 13/31, reconstructing and extending the existing asphalt taxiway, new taxiway connectors, runway and taxiway edge lighting, a new approach lighting system, and placing fill within the existing wastewater treatment facility sewage treatment ponds.
The project will be constructed through four separate design/bid packages, with construction anticipated to begin in September 2017 and final completion in the summer of 2021 (see attached project phasing exhibit). The project will result in approximately 158 acres of ground disturbance and an ultimate impervious area of 20.4 acres. Final plans and specifications for each bid package will be sent to the Watershed District for review each year.

Proposed start date: September 2017  Proposed completion date: Summer 2021

ADDITIONAL PERMITS

City of Detroit Lakes  Permit Required  X  Permit Received  Variance needed  
Becker County  Permit Required  Permit Received  Variance needed  
Minnesota DNR  Permit Required  Permit Received  
Minnesota PCA  Permit Required  X  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: ____________________________ Date: 5/22/17

(Property owner, or authorized signature through letter of authority)

ACTION BY THE PELICAN RIVER WATERSHED DISTRICT

The above application is APPROVED / DISAPPROVED this 25th day of August, 2017, by the
Pelican River Watershed District

By: ____________________________

Its: Administrator
PELICAN RIVER WATERSHED DISTRICT
PERMIT REVIEW

REVIEW DATE: 8/16/17
WENCK REVIEW ID: 09-17
ITEM: Becker County Airport Phase I

RECOMMENDATION TO DISTRICT ADMINISTRATOR:

_____ X Issue permit

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

_____ Deny permit

APPLICANT: Mead & Hunt

PURPOSE: The proposed project involves the re-development of a 27.64-acre site including reconstructing a portion of the existing asphalt taxiway, extending the existing taxiway to the southeast and constructing to the top of aggregate base layer, grading, earthwork, landscaping, drainage improvements, wetland excavation and fill for the proposed Runway 13/31 and taxiway extensions, and on-site wetland mitigation. Following completion, approximately 5.31 acres of the 27.64-acre site (19.2%) will be converted to impervious area.

Stormwater infiltrates into the sandy soil or discharges into existing drainage ditches that eventually lead to St. Clair Lake which is impaired for nutrients/eutrophication biological indicators.

Approximately 6 acres of wetland will be filled for bid package 1. These wetland impacts will be mitigated through purchasing wetland banking credits as part of the project construction.

LOCATION: 24813 US Highway 10, Detroit Lakes, MN 56501

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

EXHIBITS:
1. Existing and Ultimate Watersheds – Bid Package #1 Only, by Mead & Hunt, dated 7/17, rcvd. 7/25/17.
2. Existing and Proposed HydroCAD, by Mead & Hunt, dated 7/21/17, rcvd. 7/25/17.

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 Egeland sandy loam, Fordville loam, Forada loam, Bygland silty clay loam, Seelyeville, Dorset-Corliss, Hasle, Cathro, Verndale-Abbeyleake, Nidaros muck, and Oylen sandy loam. 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 not 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- and 25- year, 24-hour storm event. The rate of post-development runoff from the site exceeds pre-development rates for the 100-year, 24-hour storm events.

Water Quality: Water quality treatment facilities achieve 90% TSS and 50% total phosphorus removal. The temporary sedimentation basin is designed correctly.
RECOMMENDATION TO DISTRICT ADMINISTRATOR:

_____ 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: None.

Note:
1. The FAA generally requires that new stormwater management facilities drain dry within 48 hours of a storm event for purposes of wildlife mitigation. The sediment traps, as designed, will not consistently infiltrate and/or evaporate between storm events, especially as the sediment traps fill with sediment. Consider supplementing existing design with wildlife mitigation measures as discussed in Section 2-3.b of FAA AC 150/5200-33B.