

# PERMIT

## PERMIT MUST BE POSTED AT PROJECT SITE, VISIBLE FROM ROAD

**Permit Number** 18-44

**Permit Date:** 08/20/18

**Permit Granted To:**

City of Detroit Lakes: Airport Expansion Phase 2

**Project Address** 24813 US Highway 10

**City, State, ZIP:** Detroit Lakes, MN 56501

**Project Type** Redevelopment of existing airfield including 1,100 feet of runway extension and new taxiway resulting in impervious surface of 3.03 acres

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

- 1) Approved per Wenck Associates review recommendation, Review #18-18, dated 08-16-18.
- 2) Project will be constructed as shown on Phase 2 Plan Sheets, prepared by Mead & Hunt, dated May 21, 2018, Sheets C-021, C-023, C-033, and C-043 revised August 9, 2018
- 3) The contractor will provide PRWD with a detailed construction schedule indicating dates and sequences of land alteration activities a minimum of one-week prior to commencing construction activities. The schedule should identify the start date and duration of specific construction activities, such as topsoil stripping, excavation and embankment, and other activities. The exact sequence and dates of land altering activities must be provided at least one week before commencement of construction; it is not necessary to provide immediately.

**\*\*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

**PELICAN RIVER WATERSHED DISTRICT  
PERMIT REVIEW**

**REVIEW DATE:** August 16, 2018  
**WENCK REVIEW ID:** 18-18  
**ITEM:** Detroit Lakes – Becker County Airport Phase II

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**RECOMMENDATION TO DISTRICT ADMINISTRATOR:**

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

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**APPLICANT:** Detroit Lakes – Becker County Airport Commission  
1025 Roosevelt Avenue  
Detroit Lakes, MN 56501

**PURPOSE:** The proposed project involves the construction of a 51.9 -acre site that is a complete redevelopment of the existing airfield, that will be completed in four phases. Phase I is under construction and was permitted under PRWD Permit No. 17-53. Phase II involves constructing 1,100-feet of new runway, 3,900-feet of new taxiways, paving, grading, earthwork, landscaping, stormwater management, and the filling of 13.98-acres of wetlands. Following completion, approximately 3.0-acres of the 51.9-acre site (5.7%) will be converted to impervious area.

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

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

**EXHIBITS:**

1. Transmittal Letter, by Mead & Hunt, dated August 13, 2018, received August 13, 2018.
2. PRWD Permit Application form, by Detroit Lakes – Becker County Airport Commission, dated and signed July 16, 2018, received July 19, 2018.
3. Technical Memorandum responding to Review 1 Comments, by Mead & Hunt, dated August 13, 2018, received August 13, 2018.
4. Anticipated Construction Schedule, by Mead & Hunt, dated August 13, 2018, received August 13, 2018.

5. Stormwater Management Technical Memorandum, by Mead & Hunt, dated and signed July 19, 2018, received July 19, 2018.
6. Attachment 1 – Phase II Plan Sheets, by Mead & Hunt, dated and signed May 21, 2018, received July 19, 2018. Sheets C-021, C-023, C-033 and C-043 updated August 9, 2018, received August 13, 2018.
7. Attachment 2 – Phase II Specifications, by Mead & Hunt, dated May 21, 2018, received July 19, 2018. Specification NS-07 updated (no date noted) and received August 13, 2018.
8. Attachment 3 – Infiltration Volume Summary, by Mead & Hunt, dated July 18, 2018, received July 19, 2018.
9. Attachment 4 – Phase II Interim HydroCAD report, by Mead & Hunt, dated July 17, 2018, received July 19, 2018. Updated August 10, 2018, received August 13, 2018.
10. Attachment 5 – Ultimate Conditions HydroCAD report, by Mead & Hunt, dated July 18, 2018, received July 19, 2018. Updated August 13, 2018, received August 13, 2018.
11. Attachment 6 – Issued Project Permits, by various agencies, with various dates, received July 19, 2018.

#### **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 been provided. A maintenance plan for on-site treatment measures has been provided.

**Soils & Erosion Control Plan:** Soils affected by the proposal are generally poorly graded sands, with varying levels of silt and gravel. Some existing taxiways and runways were built up with fill material. 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 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 exceeds 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. Infiltration trenches are designed correctly.

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**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:**

1. Provide PRWD with a detailed construction schedule indicating dates and sequences of land alteration activities a minimum of one-week prior to commencing construction activities. The schedule should identify the start date and duration of specific construction activities, such as topsoil stripping, excavation and embankment, and other activities. The exact sequence and dates of land altering activities must be provided at least one week before commencement of construction; it is not necessary to provide immediately.

**Notes:**

The proposed ultimate discharge rate for the 5-year storm event is greater than the existing 5-year storm event. It is Wenck's understanding that PRWD is aware of this and acknowledges that the intent of District rules has been met as the overall increase is small and discharges into Ditch 14 which does not have any flooding issues.

# PELICAN RIVER

watershed district

211 Holmes St. W. Suite 201 | Detroit Lakes MN 56501

Phone (218) 846-0436 | Fax (218) 846-0778 | www.PRWD.org

## For Office Use Only

Permit App. # 18-44  
 Date Rec'd. \_\_\_\_\_  
 Permit/Inspection Fees \_\_\_\_\_  
 Cash/Check # \_\_\_\_\_  
 Parcel # \_\_\_\_\_

## PERMIT APPLICATION FORM

Property Owner(s): Detroit Lakes - Becker County Airport Commission

Mailing Address: 1025 Roosevelt Avenue  
Detroit Lakes, MN 56501

Phone: 218-847-5658 Cell: \_\_\_\_\_

Email: KKlemm@ci.detroit-lakes.mn.us

Project Address: 24813 US Highway 10  
Detroit Lakes, MN 56501

Parcel ID Number(s): 497003062, 497003070, 497003071, 497004010

### Contractor Information (list all)

Name: Bryce Moen

Company: Hough, Inc.

Address: P.O. Box 2 18262 Old Pit Road  
Detroit Lakes, MN 56501

Phone: 218-847-7391

Cell: 218-841-5018

Permit should be sent to:  Mailing Address  Contractor  Call to pick up Phone: \_\_\_\_\_

## 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

E. Impervious surface (cumulative) coverage

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

Project Purpose/Description: (Please be specific)

Lake Name (if applicable): \_\_\_\_\_

The overall project will be a complete redevelopment of the existing airfield that will be constructed through four separate design/bid packages. Phase 1 construction began in September of 2017 under Pelican River Watershed District Permit No. 17-53.

This permit application is for Phase 2 construction of the overall project. Phase 2 will involve constructing 1,100 feet of the runway extension, constructing the remaining portion of the parallel taxiway and new taxiway A2, bituminous paving, grading, earthwork, landscaping, drainage improvements, wetland fill, and embankment construction. The total construction site area is approximately 52 acres, 46 of which is soil that will be disturbed. Total new impervious surface from Phase 2 construction will be 3.03 acres. A Phase 2 construction specific SWPPP is included in the contract documents on plan sheet C-043.

Proposed start date: September 2018 Proposed completion date: August 2019

## ADDITIONAL PERMITS

City of Detroit Lakes	Becker County	Minnesota DNR	Minnesota PCA
Permit Required _____	Permit Required _____	Permit Required _____	Permit Required _____
Permit Received <input checked="" type="checkbox"/>	Permit Received _____	Permit Received _____	Permit Received <input checked="" type="checkbox"/>
Variance needed _____	Variance needed _____		

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: 7/16/18  
(Property owner, or authorized signature through letter of authority)

<b>ACTION BY THE PELICAN RIVER WATERSHED DISTRICT</b>		Permit Number <u>18-44</u>
The above application is APPROVED / DISAPPROVED this <u>20</u> day of <u>August</u> , 20 <u>18</u> , by the Pelican River Watershed District		
By:	<u></u>	
Its:	<u></u>	