PERMIT

PERMIT MUST BE POSTED AT PROJECT SITE, VISIBLE FROM ROAD

Permit Number 19-27  Permit Date: 06/20/19

Permit Granted To:

North Shore Travel Plaza, LLP

Project Address 1121 US Hwy 10

City, State, ZIP: Detroit Lakes, MN 56501

Project Type Contraction of drive through lanes and modification of existing stormwater basin to meet infiltration requirements. Upon completion, 0.20 acres of the 2.37-acre site will be converted to pervious area

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

2) Project will be constructed as shown on approved Construction Plans, prepared by APEX Engineering, dated 5/23/19
3) Owner is responsible for long-term maintenance of the project as described on Sheet 1 of the approved Construction Plans, prepared by APEX Engineering, dated May 23, 2019.
4) Provide a detailed schedule indicating dates and sequence of land alteration activities once a schedule is determined.
5) Provide the name, address and phone number of the party responsible for maintenance of all erosion control measures once a contractor is selected.
6) The applicant shall verify groundwater is not within 3-feet of the base of the infiltration basin.
7) The applicant shall coordinate with PRWD staff to verify soils within 5 feet of bottom of infiltration basin and verify water table is not within 3 feet of bottom of basin. If group C and D soils or soils that do not meet the proposed design infiltration rate of 0.45 inches/hour are encountered within 5 feet of bottom of basins, the soils shall be over excavated and replaced with suitable granular backfill. The backfill shall not be compacted and the use of equipment within the infiltration basin shall be limited to low ground pressure equipment. If it is determined that the intended design cannot be verified in the field, and/or the infiltration basin does not function properly by draining down within 48 hours after construction is complete, the Applicant shall submit and construct an approved alternate stormwater BMP to meet the PRWD rules. PRWD does not accept any responsibility with proceeding with the current design.

**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. # | 19-27 |
| Date Rec'd. | 6-7-19 |
| Permit/Inspection Fees | 1000 |
| Cash/Check # | 162 |
| Parcel # | 190047002 |

**PERMIT APPLICATION FORM**

Property Owner(s): North Shore Travel Plaza LLP
Mailing Address: 1711 Gold Drive, Suite 130
Fargo, ND
Phone: Cell: 701-219-1059
Email: brant.kuehne@goldmark.com
Project Address: 1121 Us Highway 10
Parcel ID Number(s): 190047002

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

**PROJECT INFORMATION**

**PERMIT APPLICATION PURPOSE** (Indicate all which apply)

- **X** A. Alteration to land, vegetation, and/or impervious surface within the Shore Impact Zone
- **X** B. Rip-rap or beach sand blanket (installation, repair, replacement)
- **C** C. Alteration to land, vegetation, and/or impervious surface within bluff impact zone or on steep slopes within the Shoreland District.
- **D** D. Retaining wall (installation, repair or replacement within the Shore and/or Bluff Impact Zones)
- **E** E. Impervious surface (cumulative) coverage
- **F** F. Subdivisions, plats, or Planned Unit Developments (PUD's)
- **G** G. Highway, road, street, parking lot or public water access (new or reconstruction)
- **H** H. Bridges, culverts, inlets to waters of the state; storm sewers (new or replacement)
- **I** I. Groundwater Dewatering

Project Purpose/Description: (Please be specific)

Lake Name (if applicable):

Project includes adding two drive through lanes on the west side of the existing building and reducing impervious surface by 0.20 acres. A portion of the existing stormwater basin will be modified to meet the current Minnesota Stormwater Manual’s requirements for infiltration. The modified portion of the basin will capture the new and reconstructed impervious surface.

Proposed start date: June 1, 2019
Proposed completion date: August 31, 2019

**ADDITIONAL PERMITS**

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<thead>
<tr>
<th>Pelican River Watershed District</th>
<th>Becker County</th>
<th>Minnesota DNR</th>
<th>Minnesota PCA</th>
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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) 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: 5-26-2019
(Property owner, or authorized signature through letter of authority)

ACTION BY THE PELICAN RIVER WATERSHED DISTRICT

The above application is APPROVED / DISAPPROVED this 20 day of June 2017 by the Pelican River Watershed District.

By: __________________________
Its: __________________________
PELICAN RIVER WATERSHED DISTRICT
PERMIT REVIEW

REVIEW DATE: June 19th, 2019
WENCK REVIEW ID: 19-09
ITEM: North Shore Travel Plaza

RECOMMENDATION TO DISTRICT ADMINISTRATOR:

X Issue permit with conditions (see end of report)

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

APPLICANT: North Shore Travel Plaza LLP
1711 Gold Drive, Suite 130
Fargo, ND 58103

PURPOSE: The proposed project involves the construction of two drive through lanes on the west side of the existing building and modifying the existing stormwater basin to meet infiltration requirements. Following completion, approximately 0.20 acres of the 2.37-acre site (8.4%) will be converted to pervious area.

LOCATION: 1121 US Highway 10
Detroit Lakes, MN 56501

APPLICABILITY:
Alteration to land, vegetation, and/or impervious surface within the Shore Impact Zone. Total impervious surface (new and existing) of one acre or more.

EXHIBITS:
1. PRWD Permit Application, by North Shore Travel Plaza LLP, signed and dated May 28th, 2019, received May 29th, 2019.
2. Construction Plans for North Shore Travel Plaza (Sheets 1-6), by Apex Engineering, signed and dated May 23rd, 2019, received May 29th, 2019.
7. Revised Existing HydroCAD Report, by Apex Engineering, dated June 14th, 2019, received June 17th, 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 loamy sand, sandy loam, loamy course sand, silt loam, dorset-corfiss complex, uorthens, set substratum and Rushlake and Hangaard soils. 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 not greater than 1 acre; an NPDES permit is not 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: It is unknown if water quality treatment facilities achieve 90% TSS and 50% total phosphorus removal. It is unknown if the wet sedimentation basin or infiltration basin were designed correctly.

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RECOMMENDATION TO DISTRICT ADMINISTRATOR:

- Issue permit
- X 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 once a schedule is determined.
2. Provide the name, address and phone number of the party responsible for maintenance of all erosion control measures once a contractor is selected.
3. The applicant shall add to the plans that they shall verify groundwater is not within 3-feet of the base of the infiltration basin.
4. The applicant shall coordinate with PRWD staff to verify soils within 5 feet of bottom of infiltration basin and verify water table is not within 3 feet of bottom of basin. If group C and D soils or soils that do not meet the proposed design infiltration rate of 0.45 inches/hour are encountered within 5 feet of bottom of basins, the soils shall be over excavated and replaced with suitable granular backfill that meet the design infiltration rates. The backfill shall not be compacted and the use of equipment within the infiltration basin shall be limited to low ground pressure equipment. If it is determined that the intended design cannot be verified in the field, and/or the infiltration basin does not function properly by draining down within 48 hours after construction is complete, the Applicant shall submit and construct an approved alternate stormwater BMP to meet the PRWD rules for rate control and water quality. PRWD does not accept any responsibility with proceeding with the current design.

**Notes:**

1. The current design of the interface of the infiltration basin and wet basin will likely cause the normal water level of the wet pond to migrate under infiltration basin and normalize elevation. The migration of water will minimize the separation from bottom of infiltration basin to normal water level to 1.78 feet, which is lower than the required 3 feet by the Minnesota Stormwater Manual.
2. Consider connecting the concrete “throat” and RainGuardian Turret with rebar or dowels. Wenck staff has noticed joint separation after installation such that water bypasses the RainGuardian.
3. Consider specifying potted plants or plant plugs to vegetate infiltration area instead of MNDOT Stormwater Mix.