PERMIT

PERMIT MUST BE POSTED AT PROJECT SITE, VISIBLE FROM ROAD

 Permit Number  16-31       Permit Date:  06/28/16

 Permit Granted To:  District 22
                      Detroit Lakes Public School
                      Detroit Lakes Public Schools

 Project Address  1221 Rossman Avenue

 City, State, ZIP:  Detroit Lakes, MN 56501

 Project Type  Impervious Surface Coverage: <25% lot coverage, >10,000 SF in Shoreland District, >1 acre

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

 1) Construction will follow APEX Engineering construction plan 16.291.0020, dated 7/7/16
 2) Owner will follow the Stormwater Maintenance Plan, dated 6/30/2016
 3) Emergency Overflow will be installed at elevation 1340.30, plan sheet C-02

 **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

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Permit Number 16-31
Permit Date: 06/28/16

Permit Granted To:

Detroit Lakes Public Schools

Project Address 1221 Rossman Avenue

City, State, ZIP: Detroit Lakes, MN 56501

Project Type Removal of parking lot asphalt and installation and maintenance of erosion prevention and Sediment Control Best Management Practices

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

1. Installation and maintenance of Erosion Prevention and Sediment Control Best Management Practices per Plan Sheet G-06 prepared by Apex Rev. 2 6/22/16
   G-07 prepared by Apex, dated 5/20/16
   G-01 prepared by Apex, dated 5/20/16

2. Removal of existing impervious surfaces per plan sheet G-01

**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

Signature of Tera Guetter, District Administrator
PERMIT APPLICATION FORM

Property Owner(s): Detroit Lakes Public Schools
Mailing Address: 702 Lake Avenue
Detroit Lakes MN 56501
Phone: 218-847-9271 Cell:
Email: rtauson@detlakes.k12.mn.us
Project Address: 1216 Rossman Avenue
Detroit Lakes MN 56501
Parcel ID Number(s): 497028850

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

CONTRACTOR INFORMATION (list all)
Name: Lloyd Felt
Company: Felt Plumbing
Address: 28472 Hwy 340
Detroit Lakes MN 56501
Phone: 218-849-5390 Cell: 218-849-1859
flelt@telestark.com

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
F. More than 25% of lot area
X ≥ 1 acre or greater
X > 10,000 sq. ft. within the Shoreland District
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)
See attached plans - Removal of Asphalt parking lot. Installed 4 & maintenance of erosion prevention & sediment control BMP management practices.

Proposed start date: 6/20/16 Proposed completion date: 12/31/16

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: 6.13.16
(Property owner, or authorized signature through letter of authority)

ACTION BY THE PELICAN RIVER WATERSHED DISTRICT

The above application is APPROVED / DISAPPROVED this 28th day of June, 2016, by the Pelican River Watershed District.

By: [Signature]
Its: Administrator
PELICAN RIVER WATERSHED DISTRICT
PERMIT REVIEW

REVIEW DATE: July 15, 2016
WENCK REVIEW ID: 16-02
ITEM: Rossman Elementary School Site Improvements

RECOMMENDATION TO DISTRICT ADMINISTRATOR:

___X___ Issue permit

____ Issue permit with conditions

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

____ Deny permit

APPLICANT:
Detroit Lakes Public Schools
702 Lakes Avenue
Detroit Lakes, MN 56501

PURPOSE: The proposed project involves the re-construction) of a 7.55-acre site that includes existing parking lot, main entrance area, new on-site storm sewer system and construction of a new retention pond. Currently 3.89-acres of the 7.55-acre site (41%) is impervious area. This project will disturb 4.25-acres and will increase the overall impervious area by approximately 0.77 acres. Following completion, approximately 3.89 acres of the 7.55-acre site (51%) will be converted to impervious area.

LOCATION: 1221 Rossman Avenue, Detroit Lakes, MN 56501

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
Total impervious surface (new and existing) of 10,000 sq. ft. or more within the Shoreland Zone (> 10,000 sq. ft. of total impervious)

EXHIBITS:
2. PRWD Application, dated 6/13/16, recd. 6/20/16
5. P8 Input and Outputs Reports, by Apex Engineering Group, dated 6/13/16, recd. 6/20/16.
6. Revised Construction Plans (G-00, G-01-G-05, C-01 – C-05, L-01 – L-04, 01.P.01, E-01 – E-02) by Apex Engineering Group, dated 7/7/16, recd. 7/7/16.
7. HydroCAD modeling, by Apex Engineering Group, dated 7/7/16, recd. 7/8/16
8. Maintenance plan, by Apex Engineering Group, dated 6/30/16, recd. 6/30/16.

FINDINGS:

Maintenance: A detailed schedule indicating dates and sequence of land alteration activities will be provided. 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 udipsamments, cut and fill land and udorthenswet substratum (fill land) (all soils are primarily sandy loams, type A). 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 (Stormwater Pond at the fairgrounds (Forest and Phinney). 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 do achieve 90% TSS and 50% total phosphorus removal. The water quality pond is designed correctly.
RECOMMENDATION TO DISTRICT ADMINISTRATOR:

X  Issue permit
_____ Issue permit with conditions
_____ 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. None

Notes/Comments:
1. HydroCAD modeling was not modeled correctly due to outlet devices not being routed properly and inconsistencies with in comparison to the submitted plans. Under the proposed conditions, pond outlet devices 1 and 2 should have been routed to 18-inch pipe in the pond node, which would cause the 18-inch pipe to be the controlling device due to size (this may cause water to back-up in pond). Also the size of the size of the skimmer in the model did not match the modeled size (modeled size is 10-inches wider and 6-inches longer) and the outlet of the overflow grate was 0.05 feet lower than the invert elevation on the plan sheets. Applicant may want to verify these items as they may cause the max water height to be higher and water to overflow into overflow weir in SW corner pond. Proceed with construction as indicated in the plan sheets and not as modeled with acknowledging the above as potential issues.
2. EOF outlet is not stated on plan sheet C-02, but in the HydroCAD model it is modeled at elevation 1340.30. Please install this at the elevation in the model.
3. PRWD does not have requirements/rules for this item, but the stormwater piping outlet will always be under water and will cause much of the stormwater piping to always be under water. This may increase maintenance on the system and potential back-up of the system in the spring.