PERMIT

PERMIT MUST BE POSTED AT PROJECT SITE, VISIBLE FROM ROAD

Permit Number: 18-42
Permit Date: 08/20/18

Permit Granted To: Drew
Corwin

Project Address: 24700 South Melissa Drive
City, State, ZIP: Detroit Lakes, MN 56501

Project Type: Construction of new home and driveway: Impervious surface greater than 10,000 S.F.
Shore Impact Zone Alteration: Remove existing rip-rap, install 40 feet of new rip-rap, natural plantings and no-mow fescue buffer

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

**Amended Permit 11/26/18
1) Shoreline Improvements will be constructed as shown on approved Master Landscape Site Plan, prepared by Michael Lloyd, dated 08/02/18
2) Installation and maintenance of Erosion Prevention and Sediment Control Best Management Practices per Landscape Site Plan, prepared by Michael Lloyd, dated 08/02/18
3) Project will be completed following the Shoreline Renovation Construction Timeline, prepared by Michael Lloyd, dated 08/15/18.
4) Stormwater management plan approved per Wenck Associates review recommendation, Review # 18-24, dated 11/20/18
5) Project will be constructed as shown on approved Civil Plans, prepared by Moore Engineering, dated 11/19/18
6) The vegetation planted within the filtration basins shall be watered sufficiently to establish said vegetation, for a minimum of 1 year after planting.

**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 Guettler, District Administrator
PELICAN RIVER WATERSHED DISTRICT
PERMIT REVIEW

REVIEW DATE: November 20, 2018
WENCK REVIEW ID: 18-24
ITEM: Corwin S Lk Melissa

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: Roger Clay, PE
444 Sheyenne Street, Suite 301
West Fargo, North Dakota 58078
701.282.4692

PURPOSE: The proposed project involves the re-development of a 1.26-acre site. The redevelopment consists of a new residence and driveway. Stormwater management consists of swales and two bioretention basins. Following completion, approximately 0.30 acres of the 1.26-acre site (23%) will be converted to impervious area.

LOCATION: 24700 South Melissa Drive, Detroit Lakes, MN 56501

APPLICABILITY: Total impervious surface (new and existing) of 10,000 sq. ft. or more within the Shoreland Zone (land located within 1,000 linear feet of a lake, or 300 linear feet of a stream or river)

EXHIBITS:

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 Rushlake and Handgaard. Preliminary landscaping plans for storm water treatment practices and site re-vegetation has not 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. Biofiltration basin are designed correctly.

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**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

As your re-submittal is reviewed, we may find the need to request additional information, and will so inform you.

**Conditions:**

1. Provide detailed schedule indicating dates and sequence of land alteration activities a minimum of one week in advance of commencing work.
2. Provide the name, address and phone number of the party responsible for maintenance of all erosion control measures a minimum of one week in advance of commencing work.
3. The vegetation planted within the filtration basin shall be watered sufficiently to establish said vegetation, for a minimum of 1 year after planting.
PERMIT APPLICATION FORM

Property Owner(s): OPEN CORWIN
Mailing Address: 8500 SHELDON RIVER WAY
                   WEST FORSYTH, GA 30099
Phone: 770-521-5703  Cell: 770-521-5703
Email: jcorwin@corwinauto.com
Project Address: 24700 SOUTH MELISSA DRIVE
                   DETROIT LAKES, MN
Parcel ID Number(s): 19-54-1101

Permit should be sent to: Mailing Address  Contractor

Contractor Information (list all)
Name: HOMEOWNER
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
X B. Rip-rap or beach sand blanket (installation, repair, replacement)
      E. Impervious surface (cumulative) coverage
      
      more than 25% of lot area
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): MELISSA

PHASE 1: FOR NEW HOME CONSTRUCTION. CONSISTING

OF SHORELINE IMPROVEMENTS. THE PROJECT PROPOSES TO REMOVE APPROX 110’ OF EXIST. RIPRAP, 
RENOVATE & REAPPLY APPROX. 40’ RIPRAP W/ ACCENT BOULDER OUTCROPPING. INSTALLATION 
OF NEW SAND BEACH BLANKET AND NEW NO MOSS PERMEABLE BUFFER AREAS. ALL 
RAIN GARDEN & ADDITIONAL PLANTING. NO NEW IMPERVIOUS IN SHORE IMPACT ZONE. SILT 
FENCE AND FLOATING SILT CURTAIN IN LAKE SHALL BE INSTALLED THROUGHOUT PROJECT.

Proposed start date: 3/22/18  Proposed completion date: 9/21/18

ADDITIONAL PERMITS

City of Detroit Lakes  Becker County  Minnesota DNR  Minnesota PCA
Permit Required  X  Permit Required  X  Permit Required  X  Permit Required
Permit Received  X  Permit Received  X  Permit Received  
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

*Continue to page 2 for signature and permit application checklist
PERMIT APPLICATION SUBMISSION CHECKLIST

- Completed permit application, signed by the Property Owner, or authorized signatory
- Duplicates of all drawings, site plans, erosion prevention and sediment control plan, maintenance plans, and other information as per the District Engineer Technical Memo dated July 14, 2016.
- Application and Field inspection fees according to the most recent schedule
- Project location map

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, an 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 sent 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.

A permit surety may be required of the permit holder or applicant. A surety is a monetary sum (an amount set by the Board of Managers, District staff and/or the District engineer after review of the project application or approved permit) provided by the applicant/permittee to the District to ensure the project is completed as designed and in compliance with District Rules. The District returns the money to the applicant/permittee after all permit conditions are met and the project is complete. If the District requires a surety, the applicant/permittee must provide the District the surety amount in the form of a check made out to the Pelican River Watershed District, or a Performance Bond, or Letter of Credit.

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: 01/14/18
(Property owner, or authorized signature through letter of authority)

Permit Number 18-42

ACTION BY THE PELICAN RIVER WATERSHED DISTRICT

The above application is APPROVED / DISAPPROVED this [ _____ ] day of [ _____ ] 2018 by the Pelican River Watershed District

By: ________________________________

Iits: ________________________________