PERMIT

PERMIT MUST BE POSTED AT PROJECT SITE, VISIBLE FROM ROAD

Permit Number: 17-26  Permit Date: 06/15/17

Permit Granted To:

Riverview Association (River Hills Park)

Project Address: 14799 Hwy 59 S

City, State, ZIP: Detroit Lakes, MN 56501

Project Type: **Stormwater Management Plan Revision for approved permits 06-19, 06-19a, 11-30, & 12-67**

Planned Unit Development: Expansion of Allowed Impervious Surface on Conditional Use Permit

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

1) Approved per Wenck Associates Review #02-17, dated 06/09/17
2) Installation and maintenance of storm water management practices, per Riverview Construction Plans, prepared by Emmons and Olivier Resources (EOR), dated 05/10/2017, revised 05/31/2017
3) All measures must conform to other applicable Shoreland Ordinance regulations and City of Detroit Lakes Amended Conditional Use Permit, dated September 13, 2016, and all prior Conditional Use Permits.
4) No work will commence until entire site is in compliance with the City of Detroit Lakes Amended Conditional Use Permit, dated 09/13/2016, and written notification from the City has been provided to the District that the Development is in compliance with the permit.

**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
PELICAN RIVER WATERSHED DISTRICT
PERMIT REVIEW

REVIEW DATE: 6/9/17
WENCK REVIEW ID: 02-17
ITEM: Riverview RV Community

RECOMMENDATION TO DISTRICT ADMINISTRATOR:

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

APPLICANT: Riverview RV Community

PURPOSE: The proposed project involves increasing the allowable impervious surface for each lot from 800 square feet to 1,000 square feet. This project involves construction of rain gardens, swales, erosion repairs and other miscellaneous improvements to allow the impervious area to increase for each lot. Following completion, approximately 6.7 acres of the 56.7-acre site drainage site (12%) will be converted to impervious area.

LOCATION: Riverview RV Community
14799 Highway 59 South
Detroit Lakes, MN 56501

APPLICABILITY:
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 Shorland Zone (land located within 1,000 linear feet of a lake, or 300 linear feet of a stream or river)

EXHIBITS:
2. 6 Figures/Plan sheets of corrective action/proposed construction, by EOR, dated 5/21/17, recd. 5/31/17
3. Revised P8 modelling and response to questions, by EOR, dated 6/7/17, recd. 6/7/17.

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 predominantly sandy loam (HSG B) and loamy sand (HSG A) with partially hydric (A/D, B/D) located in wetland areas. 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 an existing wetland. 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 achieve 90% TSS and 50% total phosphorus removal. The water quality treatment volume is designed correctly and verified through p8 model.

RECOMMENDATION TO DISTRICT ADMINISTRATOR:

X 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