Pelican River Watershed District
Residential Stormwater Management - >25% Impervious Lot Coverage and Less than 10,000 ft²
Within the Shoreland District
Small Site Stormwater Management Permit Application Checklist

This document is intended for guidance in submitting a complete permit application for small site permits. Sites exceeding 10,000 square feet of impervious coverage may require engineered plans. Please contact the Pelican River Watershed District at (218) 846-0436 or prwdpermit@arvig.net for more information.

___1. Permit application form, signed by landowner or Authorized Agent (With Notarized Form); attach any required mitigation, conditional use, or variances requirements by Becker County or City of Detroit Lakes

___2. Permit review fee in (See Fee Schedule)

___3. Construction Erosion Prevention and Sediment Control Plan or SWPPP

___4. Long Term Maintenance Plan for Best Management Practices

___5. Aerial Site Plan showing existing and proposed details:
   o Lot Size (Dimensions and Square Footage)- Provide Survey if available
   o Indicate Conforming or Non-Conforming status of lot, structures, and setbacks.
   o Contours or drainage arrows depicting water flow direction from land and structures
   o Location and size of permanent stormwater management Best Management Practices (BMPs)
   o Location and distances to structure
   o Shore Impact Zone (SIZ) setback


Examples of Stormwater Best Management Practices:

Raingarden/Infiltration basin
   o Impervious area draining to basin
     o Basin volume sizing calculations showing retention of required rain-event volume
       (See Infiltration BMP Worksheet)
   o Sediment pre-treatment
     o Sediment trap, grass filter strip, or other method
   o Infiltration Suitability
     o Soil type (USDA Web Soil Survey) or soil boring report
     o Minimum 3 feet between bottom of basin and groundwater (or OHW)
   o Planting Plan

French Drain (underground infiltration)
   o Impervious area draining to basin
     o Basin volume sizing calculations showing retention of a 1.1” storm event
       (1.1/12) x impervious surface area x .4 (void rock void space)= total volume required
   o Sediment pre-treatment
     o Sediment trap, grass filter strip, or other method
   o Infiltration Suitability
     o Soil type or boring
     o Minimum 3 feet between bottom of basin and groundwater (or OHWL)