

Water resources services

Minimum requirements

Hydrologic analysis and design, facilitating and obtaining regulatory approvals, and floodplain impact/mitigation work must be completed under the direct supervision of a Minnesota professional civil engineer.

Description

Services may include:

- Stormwater pollution prevention
- Hydrologic analysis and design
- Facilitate and obtain regulatory approvals
- Floodplain impact/mitigation

Typical services

Project deliverables may include the following:

- Stormwater Pollution Prevention Plan
- Maintenance plans
- Stormwater systems design (sewer, ditch, culvert, treatment facilities, etc) to meet quality, volume, and rate control requirements
- Develop construction documents including plans, specifications and estimates for stormwater improvements
- Hydraulic risk assessment including water surface profiling
- Floodplain modeling, impact assessment, and mitigation plan
- Facilitate and obtain regulatory approvals:
 - Assist or lead negotiations and presentations
 - Obtain permits and approvals from agencies such as FEMA, FHWA, DNR, USACE, watersheds, cities, etc.
 - Produce exhibits, submittals, narratives

- Familiarity with MnDOT drainage design criteria and MnDOT State Aid Rules
- Experience working with regulatory agencies within Hennepin County
- Familiarity with MPCA Stormwater Manual and Stormwater Minimal Impact Design Standards (MIDS)