

Basic question/answers, of LaPorte County Storm Water:

Storm Water Detention Design

The release rate from a project shall be no greater than the capacity of the downstream outlet whether it be a storm drainage structure, channel, or other and shall be no greater than that produced from a 2-year return event for predevelopment conditions of the project site. Detention storage shall be provided for flows exceeding the maximum release rate for at least a 100 year event for a duration of up to 24 hours that creates the greatest detention requirements. The design Engineer shall be responsible for determining if more extreme events must be analyzed.

Storm Water Retention Design

When no outlet is available, the retention basin shall be designed so overall capacity will soak into the ground. Subsurface drain tile, rip rap may be required depending on the soil type(s). Dry wells shall be considered a Class V injection well by Indiana Department of Environmental Management—for design requirements.

All other Storm Water BMP's, guidelines, and specific storm water quality measures will follow the "Indiana Storm Water Quality Manual" for:

- controlling soil erosion
- controlling and treating nonpoint source pollution associated with sediment-laden runoff; and,
- managing and treating pollutants associated with Post-Construction land uses.

Note: Laporte County, Laporte City, and Michigan City—The City or County Engineer shall be contacted for any additional requirements concerns they have as to the specific location &/or potential new design considerations, requirements, or ordinances that could effect design(s).