

Watershed Plan for the North Chili Tributary of Black Creek O-117-19-7

II. Goals

A. Drainage Goals and Strategies

1. Develop a plan of action to accomplish the needed water course improvements identified in this report.
2. Enlist the assistance of the Town Engineer to assess the needs for stormwater management facilities. Possible locations may be Brian Drive, King Road, and on the North Chili tributary north of the railroad north of Davis Road.
3. Insure that, as development occurs within the watershed, erosion control measures and stormwater discharge rates are properly managed.
4. Develop stormwater management areas that provide enhanced opportunities for wildlife and plant life features, and water quality protection.
5. Develop a funding strategy to make construction of storm sewers feasible where necessary to provide house drainage collection. Storm sewers will eliminate excess flow from unapproved inflow into sanitary sewers and thus reduce effluent surcharges into water courses.
6. Continue with the action plan by Monroe County Pure Waters to reduce the infiltration/inflow within the sanitary sewer system.
7. Maximize, through proper management, the available capacity of the sanitary sewer transmission system for future development needs in Chili.
8. Minimize impervious surfaces through alternate construction methods (for example, gravel surfaces vs. blacktop surfaces in parking areas and long driveways). Impervious surfaces increase stormwater runoff *volume*, even though we decrease the *rate* with stormwater detention.

B. Water Quality Goal

Goal: Surface water quality of the North Chili tributary of Black Creek is protected from negative impacts of future development, and current surface water quality is improved, where practicable.

Objectives include:

- The watershed stormwater management plan will identify ways to protect and improve water quality by minimizing the transport of pollutants to surface waters by stormwater runoff.

- Stormwater management facilities will be designed to capture and/or process pollutants.
- Regulatory changes will ensure that Stormwater Pollution Prevention Plans are prepared for all construction projects one acre in size or larger and that water quality considerations are part of the land development approval process.
- The extension of sanitary sewer lines will minimize the number of residences and businesses that depend on onsite wastewater disposal systems.
- A strategy will be established to detect and replace failing onsite wastewater disposal systems in areas where sewer connection is not feasible.
- Citizens will be educated on the maintenance of onsite wastewater disposal systems and other water quality topics.
- A strategy will be developed to educate citizens on the value of wetlands and stream corridors.