

SEWER HYDRAULIC REPORT FORMAT

I. Introduction and Summary

1. Report Certification
2. Purpose of Report and Study Objectives

II. Proposed Development

1. Description
2. Location and Vicinity Map
3. Site Plan
4. Proposed Zoning
5. Proposed Land Use and Intensity
6. Phasing and Timing of the Project

III. Existing Conditions

1. Study Area
 - a. Limits of sewer collection zone (per Wastewater Comprehensive Plan)
 - b. Existing zoning
 - c. Existing land uses
2. Existing Sewer Infrastructure
 - a. Invert elevations at connection location on sewer main
 - b. Nearest manhole location
 - c. Material type(s) at connection location on sewer main

IV. Proposed Design

1. Minimum Information
 - a. Site sewer flow rates
 - b. Site sewer pipe material and size(s)
 - c. Site sewer slope(s)
 - d. Connection to existing system
 - e. Discussion of what type the main will be "Public" or "Private"
2. Information Where Appropriate
 - a. Pressure main material and size(s)
 - b. Grinder pump and tank, including pressures
 - c. STEP tank and system, including pressures
 - d. Lift station system, including pressures
 - e. Grease traps/interceptors

V. Appendices

1. Hydraulic Calculations
2. References