

Water Hydraulic Report Format

I. Introduction and Summary

- a.** Report Certification
- b.** Purpose of report and study objectives

II. Proposed Development

- a.** Description
- b.** Location and vicinity map
- c.** Site plan
- d.** Proposed zoning
- e.** Proposed land use and intensity
- f.** Phasing and timing of the project

III. Existing Conditions

- a.** Study area
 - i.** Existing zoning
 - ii.** Existing land uses
- b.** Existing Water Infrastructure
 - i.** Nearest valve location
 - ii.** Nearest hydrant location
 - iii.** Material type(s) at connection location on water main

IV. Proposed Design

- a.** Minimum information
 - i.** Site water flow rates
 - ii.** Site water pipe material and size(s)
 - iii.** Connection to existing water main
 - iv.** Discussion of what type the main will be “Public” or “Private”
- b.** Information where appropriate
 - i.** Backflow prevention devices
 - ii.** Hydrant type and location(s)

V. Appendices

- a.** Hydraulic calculations
- b.** References