

Hydraulic Modeling Review Checklist

Project: _____

Developer: _____

Development

Engineer: _____

Engineer

Phone

Number: _____

Layout sheets, in either AutoCAD or PDF format

- € Development layout including location and lot sizes
- € Grading plan with elevations
- € Utility plan with water line locations
- € Phasing plan – if development is to be built in phases

Table(s) summarizing the following, tabulated for each phase of construction

- € Number of single-family units
- € Number of multi-family units
- € Commercial square footage
- € Irrigated acreage for all parks, open space, and private property
- € Project Water Demand Summary Form (see Appendix K of Herriman Standards)

Information about commercial and/or industrial development

- € Square footage of largest building
- € Proposed use of the commercial or industrial building(s), with sufficient detail to determine peak drinking water system minimum source sizing requirements according to Utah Admin. Code R309-510.
- € Building type of construction per the International Fire Code
- € Indicate presence of fire walls between units, if they allow for a reduced fire flow calculation area. If applicable, specify the reduced fire flow calculation area.

Information about single-family residential development

- € Square footage of largest home(s), including attached garage(s).
- € Building type of construction per the International Fire Code

Information about multi-family residential development

- € Square footage of largest structure(s), including attached garage(s)
- € Building type of construction per the International Fire Code
- € Indicate presence of fire walls between units, if they allow for a reduced fire flow calculation area. If applicable, specify the reduced fire flow calculation area.