

LPS System Hydraulic Analysis

A road map to a successful hydraulic analysis

Following these guidelines will ensure that Zoeller has all relevant information in order to provide you with the most accurate sewer system recommendation possible. Depending upon project size and complexity, please allow 5-10 business days for a hydraulic analysis. Contact us if you have any questions.

Required Information:

- Project Reference Information
 - o Customer name, company name, company contact info, address, project name & location
- Drawing of project site
 - o Preferred: AutoCAD model space drawing (.dwg)
 - o Less preferred: PDF
- Scale or include graphical scale to measure distance
- Topographical information (contour map preferred)
- Discharge location and type
 - o if connecting to an existing force main, tie-in pressure in feet/ meters or psi/kPa required



Requested Information:

- Total daily flow and building/site use for non-residential applications (GPD/LPD, non-peaked to allow selecting a station)
- Other design requirements
 - o Pipe type preference (min 160 psi/1100 kPa rating) – SDR11 HDPE, SDR21 PVC, SCH40 PVC, etc.
 - o Hazen-Williams C-factor (150 recommended)
- Other information beneficial to providing a quality recommendation: site conditions, special requirements, etc.



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