



## Erie Water Works (EWW)

### Planning and Design Guide for New Water Services within EWW's water distribution system

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#### I. Planning

- a. Verify that public water is available by calling an EWW Engineering Department representative
- b. Request information on available water pressure and water main sizes adjacent to your facility
- c. Download a *Water Availability Questionnaire* from <http://www.eriewater.org/engineering-services/project-planning/>, complete and email it to [engineeringservices@eriewaterworks.org](mailto:engineeringservices@eriewaterworks.org)
- d. Request a Water Availability Letter (if needed for Sewage Facilities Planning Module)

#### II. Design

- e. Download key information at <http://www.eriewater.org/engineering-services/project-planning/>:
  - Water Service Application
  - Fire Hydrant Flow Test Request
  - Master Technical Specifications
  - Standard Water Service & Construction Details
  - Cross-Connection Control Surveys
  - Developer's Agreement & Checklist
- f. For fire service taps, submit Fire Hydrant Flow Test Request form and payment
- g. Coordinate State and Municipal permitting requirements and responsibilities with EWW
- h. Complete all requisite forms and submit with detailed design plans for EWW review & approval
- i. Request quote for water service taps to be installed by EWW

#### III. Required Submittals & Approvals

- j. Design plans and any required backflow prevention assemblies
- k. State and Municipal permits (i.e. PENNDOT, PA DEP, ECCD, Street Cuts, etc.)
- l. Material submittals / shop drawings
- m. Domestic and fire protection water demands
- n. Executed Developer Agreement (if applicable)
- o. Payment in full; required for all taps prior to installation by EWW

#### IV. Installation of Erie Water Works Taps

- p. Pre-Construction meetings may be required, especially for large or complex projects
- q. EWW taps and curb valves must be installed *before* the customer's service lines are installed

#### V. Customer Service Line Installation and Inspection

- r. Call EWW Engineering staff to schedule an inspection at least 24-hours in advance as every water service must be inspected in its entirety by an EWW Inspector
- s. Follow EWW's standard water service and construction details and approved drawings
- t. Flat-rate construction water is available for use during the construction phase only
- u. Water meters must be set by EWW prior to or at the end of the construction phase

**Erie Water Works Engineering Services Department**

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