

CITY OF RICHMOND  
DEPARTMENT OF PUBLIC UTILITIES  
REVIEW CHECKLIST FOR WATER PLANS

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Project Title

- 1. Virginia Registered engineer's stamp, signature and date.
- 2. Preliminary Engineering report including a System Layout Plan has been submitted.
- 3. Water system is designed to provide adequate domestic service and fire protection to owner's property. \_\_\_\_\_ diameter line is required to adequately serve this project in accordance with City Standards.
  - a. Average Domestic Design Flow \_\_\_\_\_
  - b. Per hour Domestic Flow \_\_\_\_\_
  - c. Design Fire Flow \_\_\_\_\_
  - d. Total Design Peak Flow \_\_\_\_\_
  - e. Residual Pressure at Total Design Peak Flow (last hydrant) \_\_\_\_\_
- 4. Information Sheet for Preparation of water Agreement has been submitted.
- 5. Plan and profile sheets are on 24" x 36" paper. Drawing organization and format comply with City DPU Standards.
- 6. A Cover sheet is provided which includes the Owner/Developer name and address, project vicinity map, and Standard Water and Sewer Notes.
- 7. Domestic water meter calculations are shown on plans where applicable with A.W.W.A. Manual M-22.
- 8. I.S.O. Fire Flow computations are shown on plans (where applicable).
- 9. All water mains 6-inches and larger are profiled. Where water mains of any size cross other utilities, these crossings are profiled, and the means for crossing and resolving any conflicts are clearly shown.
- 10. Any and all existing sewer and water connections to the property are shown on plans.
- 11. All off-site easements necessary for the completion of this project have been acquired, recorded and their Deed Book and Page references are shown on the plans.
- 12. A list of the Appropriate material Quantities to be used and the latest material Notes are shown on the plans.
- 13. A Backflow Prevention Device is provided on domestic and fire service connections in accordance with Part II, Article 3 of the Commonwealth of Virginia, State Board of Health Water works Regulations and the Cross Connection Control and backflow Prevention Program.
- 14. Plans comply with all applicable Local, State and Federal regulations including City and State erosion control and application has been made for all required permits.

I have reviewed this Checklist for accuracy and hereby certify that the water and/or sewer plans as submitted have been designed in accord with the latest City Standards, Waterworks Regulations and Sewerage Regulations (whichever is more restrictive). The plans have been reviewed for completeness and accuracy and are herewith submitted for approval.

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Signature

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Certificate Number

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Name Typed or Printed

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Date