

**Brandon Peters**  
**Garrison Engineering**  
**Project Engineer**  
1997 Park Lane, Burlington, WA 98233  
Phone (360) 707-5656, Fax (360) 707-5858



### **Education**

B.S. in Mechanical Engineering Technologies  
Central Washington University 2009

### **Affiliations**

Burlington Toastmasters, Vice President of Education, 2008-Present

### **Experience**

- Group A and Group B Drinking Water Systems
- Water Treatment Design
- Pumps, Valves, and Piping
- Water System Controls
- AutoCAD Level I and II
- Solidworks 3-D Modeling
- Woodworking– Apprentice Cabinet Maker

### **Job History**

- Garrison Engineering (June 2008-Present) – Project Engineer: Drafting existing layouts, designing distribution pipelines, calculating flow rates, sizing pumps, treatment design, applying for approval from Washington State DOH, working with WSDOE and WSDOT, and overall water system design.
- Chelan County PUD Internship (June 2006-September 2006) - Water and Waste Water Division: Uni-directional flushing for hydrants, GPS locates for underground septic tanks, calculations of storage reservoir tank fluctuations.
- Vic Peters Cabinets (July 2003-June 2008) - Apprentice Cabinet Maker: Construction and installation of kitchens, bathrooms, vanities, bedroom closets and countertops. Experience includes: milling, sanding, edge-banding, routing, boring, cutting, staining and finishing.

### **Water Systems**

- Lake Meridian Estates Group A Water System, Kent, WA. Design of Arsenic treatment system.
- Juniper Beach Water District, Group A Water System, Island County, WA: Design of pump-house and pipeline for tie in to existing water system, creation of Water System Plan.
- McHaven Inc, Group A Water System, Skagit County, WA: As-built drawings for existing surface water treatment.
- Township 29, Group A Water System, Island County, WA: Pump house design for arsenic treatment and drainage pipeline design.
- Prairie Estates, Group B Water system, Island County, WA: Arsenic treatment design for existing water system.
- Hillside Motel, Group A Water System, Skagit County, WA: Storage tank design and pump sizing for expanding existing system.
- Residential treatment systems to remove arsenic and fluoride.
- Buzzie Lane, Group B Water System, Skagit County, WA: Pump house and pipeline design for 4 lot water system.
- Bertelsen Winery, Group A TNC Water System, Skagit County, WA: Treatment system to remove hardness, manganese, and iron from the well water. Creation of a Water System Plan for a Group B system.
- South Blakely Maintenance Association, San Juan County, WA: Distribution pipe design and treatment for surface water.

### **Mechanical and Plumbing Design**

- Chateau at Bothell Landing II, Bothell, WA: Review of 5-story building plumbing riser diagrams.
  - Chandler's Square, Drafting and design of the HVAC and plumbing for 3 story 25 unit apartment bldg.
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