



## PACKAGED SYSTEMS

Pressure Controls, Back Flow  
& Meter Stations



# PACKAGED SYSTEMS

## from Coast Water

- Pre-Assembled Pressure Reducing Valve Stations
- Meter & Double Check Valve Assemblies
- Fabricated Steel Pipe Spools and Assemblies
- Victaulic Grooving, Standard & AGS up to 16" Diameter
- Sandblasting and Coating Facilities AWWA C210, NSF 61
- Stock Galvanized Steel Pipe Supports, Ladders, Vent Pipes



[www.norwoodwaterworks.com](http://www.norwoodwaterworks.com)



Coast Water was created with the partnership of two individuals, David Berton and Jim Quach. David was the sales representative and project manager, while Jim Quach was responsible for AutoCAD drawings. Both had been working in the pre-packaged vault business for over fifteen years. Eventually they partnered and went into business in 2004. Coast Water was founded in 2010. EMCO Corporation purchased the assets of the company in February of 2013.

The business consists of seven teammates. Coast Water utilizes a 14,000 sq. ft. manufacturing facility in Maple Ridge BC., and specializes in the development and production of engineered pressure reducing valve (PRV) stations. Over time, customer demands have evolved and have led to the demand for pre-assembled stations. Pre-assembled stations are vault packages that are shipped to the customer complete, ready for install and ready for use.

Customers no longer need to source items from multiple sources, or to engineer the product themselves. Often, a customer may realize the need for a vault package, but does not know what components are required to build one. Or, the contractor may submit drawings for engineer approval but may not have the capabilities to get drawings approved. Coast takes the unknown out of the process, and provides complete units engineer-approved and

ready for install. All that is required is the connecting of the station to pipe already in place, and tightening a few bolts that may have loosened in transit. This greatly reduces the amount of time and manpower that a contractor needs to get the packages in place.

The reduction in required site time is the biggest advantage to the customer purchasing pre-packaged stations. With a vault from Coast Water, the contractor is able to install a station in a single day dig the hole in the morning, install the chamber and back fill it in the afternoon. As you see in the pictures, the chamber is fully complete and lowered into the hole that has been dug. Once in place, all that remains is to add the vent pipes and tie into the existing water line. The efficiency at which these chambers are installed greatly reduces the chance of site delays and ultimately extra costs.

One of the competitive advantages of Coast Water is the ability to manage the completed application - the concept of taking it from paper, to production, to usage. Some items that are on standard Coast drawings may not be originally specified, e.g.: some engineered drawings do not specify gauges on the design. It is comforting to know, for instance, an operator working in a confined space is standing next to pipe pressurized at 120 PSI.

Also, Coast Water specifies strainers in the drawing to make sure that valves are protected from any debris. Work sites are dirty areas and there is potential that debris can get into the piping system. Strainers prevent this debris from getting into the valve and potentially damaging it.

Further, Coast Water has the ability to custom configure packages to the specifications of each municipality. Each station may have the same standard components, but may all vary slightly. For example, a city may specify a wall mounted duplex pilot strainer, and with Coast's industry knowledge it is able to accurately design and quote that into the package.

The examples described above explain why Coast Water works so closely with engineers and consultants. It ensures that designs can be correctly fabricated and that its application best serves the needs of the customer. Ultimately the goal is ease of use for the customer - almost a turnkey operation.





Coast's PRV stations are designed by those that have fabricated, installed and maintained them. They are designed to maximize efficiency and reliability.

Coast Water has a strong commitment to delivering high quality products. It is able to control the entire process as it fabricates all steel and stainless pipe in the shop. Sandblasting and epoxy coating are all completed in house as well.

Internal quality controls are maintained and frequently have third party inspectors provide independent certification. Ultimately, the goal is to provide the customer a chamber that five years from now will look and work the same as the day it was installed.

**For further information contact your local Norwood Waterworks location.**

## Full AUTOCAD Design Department

Dave Barton • Jim Quach • Brian Kelenc

PH: 604 . 460 . 3622 • FAX: 604 . 460 . 3623

Email: [sales@coastwater.ca](mailto:sales@coastwater.ca)

Visit us @ [www.NorwoodWaterworks.com](http://www.NorwoodWaterworks.com)

Available through your Waterworks Specialist

