## **Complete Water Treatment Systems**



**Northwest Water Treatment, Inc.** offers a wide range of water conditioning systems designed to improve the water quality to your home. Our approach includes on site water analysis and inspection of your existing water system to assure the correct water treatment system is recommended to you.

Our water treatment systems remove iron, manganese, and hydrogen sulfide (sulfur) from your water supply.

## How it Works

Our complete water treatment system shown utilizes a high flow/capacity water softener which removes hardness, disovled iron and manganese in addition to controlling the feed rate of the chlorine injection system. When the softened water is chlorinated, hydrogen sulfide is oxidized and removed by the activated carbon filter. In addition to removing the sulfur the activated carbon filter removes all of the chlorine. This produces a very high quality water which tastes great!

## **Metered Valve for Greater Efficiency**



Clack Dot Matrix control valves include a microprocessor and backlit screen with push button settings for ease of use. The metered control valve provides greater efficiency and reduced salt usage, because regeneration of the water softener is based on water consumption. The Matrix control valve indicates a "call for service" alarm when a scheduled maintenance is recommended.



Complete System including NWT 1054-WS1 Matrix softener, Walchem EW series chlorine injection system and NWT 1054-WS1 carbon filter.

Systems Features & Benefits

Note: This system is also used as pretreatment to an arsenic removal system.

- Highly efficient water softening system which saves salt and water consumption.
- High capacity activated carbon filter for a long service cycle at high flow rates.
- Our resin and filter media are NSF/ANSI 61 certified and FDA compliant.
- Our water treatment system components are manufactured in the USA.
- Our Clack WS1 control valves are extreamly reliable.

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