

## Singer Valve Provides Flexibility & Reliability for Oakland

**Problem:** Pressure Relief Valves throughout Oakland County’s water distribution system are critical to protect their system from overpressure and are used when they take the hydrostatic tanks out of service for maintenance. The existing relief valves were not adjustable and, as they aged, had to be sent out to a facility in Minnesota for repair and servicing. The County needed a relief valve that would be dependable, would also allow for setting adjustment, on-site repair, and servicing in line.

In late 2012, relief valves at two locations began leaking; as bad as 25-30GPM, the County estimated. They needed to find a replacement valve and chose to evaluate Singer Valve based on positive past experience with Singer Control Valves and Kennedy Industries.

**Solution:** The Singer Valve “106-RPS” Pressure Relief Valve proved to be the solution the County was looking for, offering easy pressure setting adjustment with their model 80 pilot. With some piping modifications, the new valve was installed in place of the existing valve and tested smoothly.

The addition of the Singer RPS valve also allowed the County to change settings during hydrostatic tank servicing to waste excess as well make adjustments if the system demands changed. The County had not had that ability with the previous relief valves and, with Singer Valve, it is as simple as turning an adjustment screw.

With fusion bond epoxy coating, stainless steel trim and fasteners, self-flushing pilot accessories, the Singer Valve also offered superior corrosion resistance which would provide years of service, without need for repair. Should the time come for maintenance work, the Singer Valve RPS is also serviceable in line with many repair parts available within days.



**New Singer Pressure Relief Valve installed at the Country Creek Station**



**Existing valves were difficult to work on & non-adjustable**

### Product Features:

- Adjustable Pressure Settings
- Fusion Bond Epoxy Coating
- Stainless Steel Trim & Fasteners
- Self-Flushing Pilot Controls
- Rolling Diaphragm for Low Flow Stability