

Eastlake Water Services
16720 S. Carlin Bay Rd
Harrison, ID 83833

Carlin Bay Property Owners
Water Report for January 2013

Operations

Plant operations have been within DEQ specifications for the month of January, there were no violations. All required DEQ tests for the 2012 year are complete. The problems that we have encountered this month and the corrective action taken are detailed below under Maintenance.

Maintenance

The aluminum sulfate (Alum) pump failed, it could no longer pump required flow. This causes high finished water turbidity. The pump was replaced with the backup pump and the failed pump was rebuilt. A rebuild kit will have to be ordered for replacement of the one used.

Hydrotech was called out to check/repair the pressure reducing valve (PRV), between the water plant and reservoir 1. It was stuck in the fully open position due to a leaking solenoid valve. Valve will be replaced on February 19th.

While Hydrotech was here we discussed the uneven flow rates between filters 1 & 2 during backwash. This problem has progressively become worse in the past year. We are now at a point that we have to do a manual backwash and adjust the PRV to obtain required flow rates that gives an adequate backwash (200 to 240GPM). All of the control valves appear to be operating normally. We believe that the problem is due to a plugged restrictor. On the 19th we will open up the pipe where the restrictor is and check.

Actions needed by CBPOA

At some time in the near future we will have to paint the floor inside the water plant for the purpose of sealing. At times we have standing water on the floor that has the potential to seep into the clear well through hairline cracks and contaminate our drinking water. This also applies to the top of the clear well that is not covered by the building. That portion will either have to be tarred or have the epoxy coating applied that was used on reservoirs 1 & 2. Board will have to approve and decide when to proceed with this project as funds become available.

A nice to have would be to color code water pipes per their function (backwash, raw water, finished water, pump to waste water). If approved this should be done before floor is painted.

When Hydrotech is here on the 19th I would like to have them check the two PRV's in the Hatch development. I need board approval.