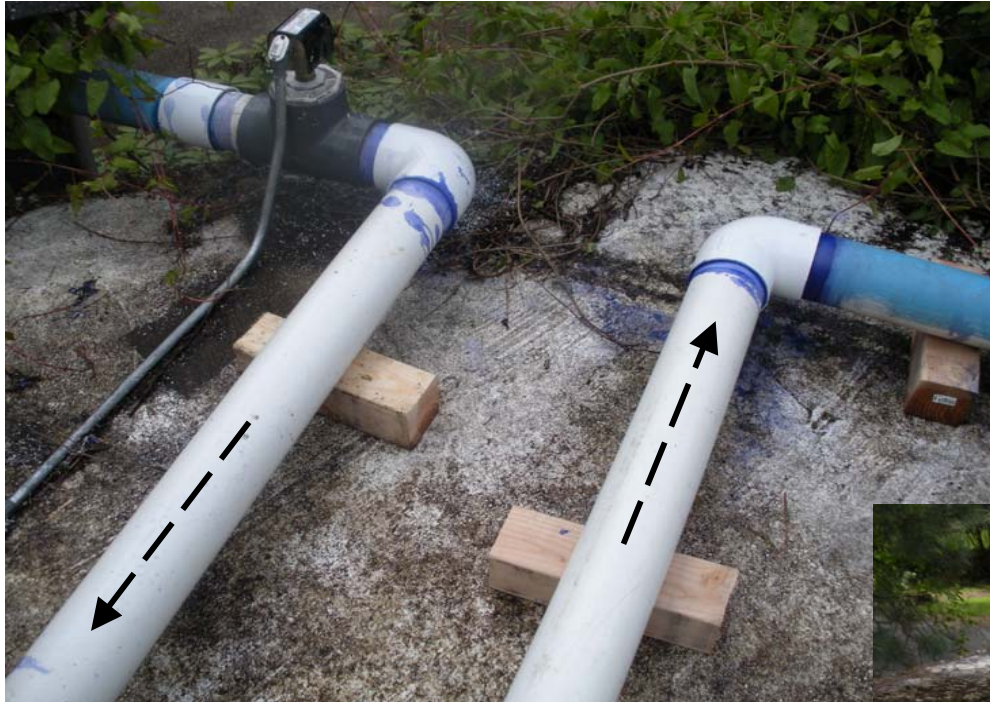


Polyphosphate Mixing Manifold - Assembly

THE MIXING MANIFOLD MIXES THE POLYPHOSPHATE BEFORE THE WATER ENTERS RESERVOIR



FROM THE WELLS

TO THE RESERVOIR

THE FLOW FROM THE WELLS TO THE RESERVOIR IS DIVERTED THROUGH THE MIXING MANIFOLD, WHERE THE POLYPHOSPHATE IS INJECTED AND MIXED. THE MIXING OCCURS PRIOR TO THE WELL WATER ENTERING THE RESERVOIR. THE CLORINE INJECTION TAKES PLACE AT THE RESERVOIR INLET.

THIS SYSTEM OPERATES STATICALLY WITH WATER PRESSURE FROM THE WELL PUMP. NO ADDITIONAL PUMPS OR MECHANICAL PARTS ARE USED.

THE MIXING MANIFOLD IS ASSEMBLED USING A 4" INNER PIPE WHICH HAS JETTING TO FORCE THE MIXING. THE OUTER PIPE IS 8" PVC, AND THE WATER GRAVITY-FLOWS TO THE RESERVOIR.

