Public Service Commission

• Water Inspection on March 11
  • Multiple areas of deficiencies
  • Alliance Water Resources responded on April 14

• Update meeting with Alliance on April 28

• Received infrastructure plan on April 14
Division of Water

• DOW recently completed the Sanitary Survey for MCWD
  • A comprehensive review of the drinking water system including: source, treatment, distribution system, finished water source, pumps, monitoring and reporting, management and operation, and operator compliance.

• DOW identified 28 recommendations for MCWD including:
  • Correct the lack of pump redundancy;
  • Develop schedule to calibrate flow meters;
  • Improve water loss; and
  • Develop a plan to respond to water shortages, loss of service, and other system-specific emergencies.

• Alliance has been responsive to the findings in the Sanitary Survey.
Division of Water

• DOW recently completed a thorough assessment of MCWD’s Source Water
  • Over the years, the Curtis Crum Reservoir has lost capacity due to siltation.
  • Without consistent inputs from Tug Fork, volume decreases in reservoir making system vulnerable to drought
    • Reservoir is used to settle sand and silt before pumping to the water treatment plant.
    • Inputs from Tug Fork to Reservoir have significantly reduced in the past 10 years
  • Pump failure at Tug Fork is likely recurring due to overwork and mechanical degradation from sand and silt.

• Actions needed to sustain longevity:
  • Develop raw water management plan that addresses operability of pump systems, water shortage during droughts, and use of interconnections.
  • Install raw water meter between Tug Fork and Curtis Crum reservoir.
  • Create additional pooling structure to ensure water depth in the reservoir.