

Capital Improvement Project

PW 08-09

Project Number:

PW 08-09

Project Name:

Well 21 Phase 1 Improvements

Department Responsible:

Public Works / Greg Gibson

Contact Number:

209-941-7430

Project Description:

Well 21 has been placed into inactive mode due to water quality issues with arsenic and uranium. Improvements at Well 21 and a pipeline to blend water from Well 9 and/or Well 10 are needed to address exceedances of drinking water standards for arsenic and uranium to bring Well 21 on-line. Additional future improvements to construct a booster pump station and storage tank and expansion of the water treatment plant at Well 21 are proposed in a second phase to realize the full capacity of Well 21. Plans and specifications for the raw water pipelines are nearly complete, and an evaluation of solids handling improvements and a professional peer review of the overall project design is in process.

Justification:

Additional work at Well 21 is needed to meet compliance with drinking water standards for arsenic and uranium and to complete regulatory permitting requirements.



