



AREA-WIDE WATER QUALITY MANAGEMENT SECTION 208 PLAN REVIEW

Date Evaluated: 8.29.16
Permittee: Bensch Ranch Wastewater Treatment Plant
Facility Location: 1200 East Hwy 69, Mayer, Yavapai County
Type of Permit: Aquifer Protection Permit (APP) Amendment
Evaluator: Jason Kelly, Program Manager

Proposal

ADEQ draft permit to allow for modification to existing APP to

1. Eliminate effluent discharge to Big Bug Creek
2. Add 2 percolation ponds for effluent disposal (3rd percolation pond not approved)
3. Reduce flow to 3350 gpd
4. New point of compliance (POC) well
5. Operational changes to meet discharge limit

Response to closure of unpermitted surface trenches

Reviewer Notes

1. Point Source Determination

Is this Point Source or Non Point Source facility?

Point Source via on-sight treatment system

2. Centralized Wastewater Treatment Facilities

Are there WTF operating within vicinity? (pg 64)

No. The nearest WTF is Town of Prescott Valley WWTP. Pg 68.

3. Small Plan Review / Approval Process

Is this WTF have ultimate capacity grater than .025 MGD which is not specifically identified in the Plan and plants with surface water discharge (requiring NPDES) permit not specifically identified in the Plan? (pg 136)

No, MGD does not exceed .025

4. Conditions Requiring Plan Amendment

Is there new management agency recommendations?

No

Changes in management or planning area boundaries?

No

Adoption of site-specific water quality standards or Total Max Daily Loads (TMDLs)

Establishes discharge/groundwater/facility monitoring parameters, thresholds, schedules

Construction/permitting of POTWs no included in the WQM Plan

No

Modifications design capacity

No

Increase Quantity of pollutants discharged

No

Change in method of effluent disposal

Yes. Replace discharge to creek with percolation ponds

5. Facility Permits

Individual Permits for facilities no included in Area wide Plan

No. Facility is pre-existing and is not itemized in Plan.

Issuance of New NPDES permits or NPDES permit renewals

Not applicable

NACOG DETERMINATION

The discharge modification method does not necessitate a Plan Amendment. Finding is application for Amended APP is Not Inconsistent with Region-wide 208 Plan