

## LATE REVISIONS

### AGENDA ITEM 11

#### 16 February 2024 Board Meeting

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#### Item 1. American Valley Community Services District, American Valley Wastewater Treatment Plant, Plumas County

Consideration of Tentative Waste Discharge Requirements Order No. R5-2024-XXXX.

The proposed Order for the American Valley Community Services District (Discharger) Wastewater Treatment Plant has late revisions for minor corrections to the Responses to Comments document.

1. Make corrections to response to Jo Anne Kipps Comment #2, general uses and specifications of the Irrigation Pond, as follows:

Vertical distance from pond invert to highest anticipated groundwater:

Groundwater was encountered at a depth of 13 to 16 feet (elevation 3,404 to 3,401 ft) during the most recent subsurface exploration. This would give a vertical distance of 1.4 ft from pond invert to highest anticipated GW. Groundwater elevations-depths on the order of 8 to 10 feet ~~were~~ (elevation 3,409 to 3,407) were encountered during the 2017 exploration by KC Engineering Company.

2. Make corrections to response to Jo Anne Kipps Comment #4 as follows:

Staff partially concur. The treated wastewater going into the irrigation pond monitored at LND-001 is the same quality of wastewater monitored at EFF-001 and the treatment facility provides nitrification and de-nitrification. Therefore, a new land discharge specification for total nitrogen of 10 mg/L as a monthly average is not necessary since the permit already includes a total nitrate nitrate plus nitrite as nitrogen average monthly effluent limit (AMEL) of 10 mg/L and total ammonia nitrogen effluent limits, which staff feel-determined are adequately protective of groundwater beneficial uses for municipal supply. Staff concur on adding additional monitoring to Table E-3 (Effluent Monitoring) and Table E-4 (Land Discharge Monitoring) as follows:

Table E-3 (Effluent Monitoring) – total Kjeldahl nitrogen (TKN) (1/month), and total nitrogen (1/week), total trihalomethanes (THMs) (1/quarter), iron (1/year)

Table E-4 (Land Discharge Monitoring) – TKN (1/month), total nitrogen (1/week), total ammonia nitrogen (1/week), nitrate plus nitrite (1/month), electrical conductivity (1/month), standard minerals (1/year), total THMs (1/quarter), iron (1/year)

Staff concur on changing sample types for BOD and TSS to 24-hour composite at LND-001. Staff do not concur with specifying time of day for sampling dissolved oxygen at LND-001 as this puts onerous requirements on the Discharger.