

**LATE REVISIONS
CITY OF NEVADA CITY
WASTEWATER TREATMENT FACILITY
NEVADA COUNTY
Proposed Tentative Waste Discharge Requirements
Regional Water Quality Control Board, Central Valley Region
Board Meeting – 4 December 2008
ITEM # 10**

1. Make the following changes in the NPDES permit, Section IV.A.1.d (page 10):
 - d. **Electrical Conductivity.** ~~The annual average effluent electrical conductivity in the discharge shall not exceed the municipal water supply electrical conductivity plus an increment of 500 μ mhos/cm, or 700 μ mhos/cm, whichever is less. an annual average of 550 μ mhos/cm.~~
The annual average effluent electrical conductivity shall not exceed the municipal water supply electrical conductivity plus an increment of 500 μ mhos/cm, or 700 μ mhos/cm, whichever is less.
2. Add the following new section in the NPDES permit, Section VII. Compliance Determination (page 25):
 - F. **Electrical Conductivity.** “Municipal water supply electrical conductivity” shall be determined annually for purposes of Effluent Limitation IV.A.1.d. for electrical conductivity. “Municipal water supply electrical conductivity” for each calendar year shall equal the maximum municipal water supply electrical conductivity reported by the Discharger during the prior calendar year. The municipal water supply electrical conductivity shall be monitored and reported in accordance with the Monitoring Reporting Program (Attachment E).
3. Make the following changes in the Fact Sheet, Section IV.C.3.q.v (page F-24):
 - v. **Effluent Limitations.** Based on the low reported salinity in the effluent, the discharge does not have reasonable potential to cause or contribute to an instream excursion of water quality objectives for salinity. However, since the receiving water is tributary to the Sacramento-San Joaquin Delta, of additional concern is the salt contribution to Delta waters. Therefore, this Order requires the Discharger to develop a salinity evaluation and minimization plan to address sources of salinity from the domestic wastewater treatment system and includes an effluent limitation for EC ~~based on~~ of the municipal water supply EC plus an increment of 500 μ mhos/cm, not to exceed 700 μ mhos/cm. ~~The water supply EC for the City averaged approximately 50 μ mhos/cm, based on 3 samples collected from 2002-2004. Therefore, an annual average effluent limit of 550 μ mhos/cm as EC is included in this Order. The annual average effluent concentrations for EC ranged from a low of 333 μ mhos/cm to a high of 416 μ mhos/cm, indicating that the Discharger can meet the new effluent limit.~~