LATE REVISIONS – 8 December 2006

Item 26 CALIFORNIA DEPARTMENT OF CORRECTIONS AND REHABILITATION, MULE CREEK STATE PRISON WASTEWATER TREATMENT PLANT, Amador County

Cease and Desist Order

Page 9/10 Revise Item No. 1 as follows:
"…***Prior to 30 August 2007,*** ~~In no case shall~~ the Discharger ***shall not*** exceed a ***monthly average*** dry weather influent flow of 782,000 gpd (that generated in August 2006). ***As of 30 August 2007, the Discharger shall not exceed 85% of the flow measured in August 2006. As of 30 January 2008, the Discharger shall not exceed 75% of the flow measured in August 2006.*** If the *Flow Meter Calibration Report*…"

Page 11 Delete Item No. 8, and renumber remaining items.

Page 11 Revise Item No. 9 as follows:
"…submit a report showing that it has reduced ***the influent*** flows ***(measured at the flow meter after the clarifier)*** ~~the toilets and sinks in Buildings 1-15 by 30%~~ ***by 15%*** in relation to flows measured in August 2006……"

Page 11 Revise Item No. 10 as follows:
""…submit a report showing that it has reduced ***the influent*** flows ***(measured at the flow meter after the clarifier*)** ~~from the showers at Buildings 1-15 by 18%~~ ***by 25%*** in relation to flows measured in August 2006 ……"

Page 12 Revise Item No. 12 as follows:
"By **30 March 2007**, the Discharger shall submit an ***Effluent*** *Flow Meter Installation and Calibration Report*. The report shall (1) certify that a new ~~influent~~ ***effluent*** flow meter has been installed ***after the clarifier***, is operational, and is accurately recording ~~influent~~ ***effluent*** flows from Mule Creek State Prison, (2)…… accurately recording influent ***and effluent*** flows, and…. The report shall also provide recalculated ***estimated*** influent flows…"

Page 13 Insert new No. 14 after item No. 13 and renumber remaining items:

"***By 30 March 2008, the Discharger shall submit an Influent Flow Meter Installation and Calibration report. The report shall certify that (a) an influent flow meter has been installed upstream of the oxidation ditch such that combined flows from all three facilities can be accurately measured prior to any biological treatment process, (b)***

provide the location at which the flow meter has been installed, (c) demonstrate that the flow meter has been calibrated by an independent third party and is accurately reading influent flows, (d) provide standard procedures for treatment plant operators to use when taking and recording flow measurements, and (e) provide a schedule for annual recalibration of all influent and effluent flow meters.*"*

Page 13 Revise Item No. 15 as follows:
"By ~~**1 June 2007**~~ ***15 July 2007***, the Discharger shall submit a *Groundwater Monitoring Well Installation Report* ….."

Page 13 Revise Item No. 16 as follows:
"Beginning with the ~~**Third Quarter**~~ ***Second Quarter*** 2007, the Discharger…."

Page 13 Insert new No. 18 after item No. 17 and renumber remaining items:
*"****By 30 December 2007, the Discharger shall submit a Revised Water Balance. The water balance shall provide three separate calculations, using (a) influent flows that have been reduced by 15% over the re-calculated August 2006 flow, (b) influent flows that have been reduced by 25% over the re-calculated August 2006 flow, and (c) the percentage flow reduction that provides the influent flow which results in sufficient storage and disposal capacity to comply with the WDRs.***

The water balances shall be based on all flows entering the wastewater system, 100-year annual precipitation returns, and compliance with the two-foot freeboard requirement in the effluent storage reservoir. All assumptions and calculations used in preparing the water balances must be clearly identified. The water balances shall include consideration of at least the following:

- ***a. Wastewater flows from all sources including prison facilities, prison industries, Preston School of Industry, and California Department of Forestry;***
- ***b. Local precipitation data (indicate what weather station was used to obtain the data, and indicate what the total annual precipitation is for average and 100 annual year storm events, and show how that value was distributed throughout the year, by months, based on historical rainfall patterns);***
- ***c. Infiltration and inflow;***
- ***d. Local evaporation data;***
- ***e. Measured evaporation data from any enhanced evaporation system;***

f. Projected percolation rates for the effluent storage reservoir; and

g. Irrigation disposal rates that comply with the requirements of the WDRs."

Page 13 Revise Item No. 18 as follows:
"By **30 December ~~2007~~ *2008***, the Discharger shall……"

Attachment B

Page 1 Revise the first sentence under Groundwater Monitoring as follows:
"Beginning with the ~~**Third**~~ ***Second*** **Quarter 2007**, the Discharger shall…."

Page 2 Revise first sentence under Quarterly Report Section as follows:
"Beginning with the ~~**Third**~~ ***Second*** **Quarter 2007**, the Discharger shall…."