

**ITEM –CONTESTED WASTE DISCHARGE REQUIREMENTS**

Item **PORT OF STOCKTON DREDGING OF BERTHS J, K, AND I, San Joaquin County**

**Waste Discharge Requirements**

Page 16 Project Specifications Section A.2, revise the project specifications and add a footnote as follows:

“If monitoring **(including data from the DWR continuous monitoring station)** indicates that this project may be causing or contributing to excursions<sup>1</sup> from water quality objectives, the Discharger shall take the following actions:

- Immediately notify Board staff by telephone of the water quality **exceedances excursion**, actions being taken and status on their effectiveness.
- Immediately implement mitigation measures in order to bring the water body back into compliance.
- Establish an increased monitoring frequency to determine whether mitigation measures are effective at improving water quality.
- If water quality objectives are not attained within 4 hours, or show a specific trend that indicates that water quality objectives will be met within 24 hours, more drastic mitigation measures shall be immediately implemented.
- **If there is a discrepancy between data from the continuous monitoring station and the Discharger’s field monitoring, the Discharger may hire an independent certified laboratory to perform field sampling and determine the correct measurement.**

<sup>1</sup> “The definition of ‘excursions’ from water quality objectives include exceedances of maximum values as well as decreases beyond a minimum water quality objectives, such as dissolved oxygen concentration or pH.”

Page 17 Project Specifications Section A.3, revise the project specifications as follows:

“If the project causes or contributes to acutely toxic conditions **or asphyxiating conditions**<sup>2</sup> in the receiving water, the dredging operation shall be halted until conditions improve and the water body is in compliance.”

<sup>2</sup> “Asphyxiating conditions” can be defined as dissolved oxygen concentrations that may cause irreparable damage or death to aquatic organisms with short-term exposure.

Page 17 Project Specifications Section A.4, revise the project specifications as follows:

“If mitigation measures are not adequate to prevent **contribution to** water quality excursions or to quickly return the water body to compliance, the project may be halted at the discretion of the Regional Board Executive Officer until adequate mitigation measures are developed.”

Page 17 Project Specifications Section A.7, insert the following in the project specifications:

“ **7. To avoid significant impacts to water quality, the Discharger shall provide on-site aeration that is adequate to prevent any further decrease in dissolved oxygen levels resulting from the dredging operation, if the water body is already out of compliance for dissolved oxygen.**”

Page 20 Receiving Water Limitations Section D, revise the receiving water limitations as follows:

“In the following limitations, the discharge is defined as sediment released to the receiving waters from the dredge cutting head. The Discharger shall not cause **or contribute to excursions of** the following Receiving Water Limits ~~to be exceeded~~ in the receiving water or at the edge of the allowed mixing zone, if applicable:

2. Concentrations of dissolved oxygen to fall below 6.0 mg/l in the San Joaquin River between Turner Cut and Stockton between 1 September and 30 November, or below 5.0 mg/l at other times and locations in the Delta.”

### **Monitoring and Reporting Program**

Page 2: Dredge Site Receiving Water Monitoring Section, revise the Dissolved Oxygen subsection as follows:

“First 3 days of dredging

During the first 3 days of dredging, the dissolved oxygen monitoring shall be performed ~~according to the schedule below (2 times per day, 6 locations, 2 depths):~~ according to the following schedule:

- **One sample taken at two depths (5 feet and 2/3 depth) in the vicinity of the dredge in the morning before the dredging operations begin.**
- **After the pre-operation sampling, the receiving water shall be sampled at a minimum of every 2 to 2 ½ hours while the dredge is operating, with a minimum of 4 sampling events per day during the dredging operations.**
- **Of the four sampling events, a minimum of two (one in the morning and one in the afternoon) shall be at the six locations and two depths listed below. The remaining sampling events shall be at two locations, 250 feet east of the dredge and 250 feet west of the dredge, and two depths (5 feet and 2/3 depth to the bottom).**

