

**22 AUGUST 2025 BOARD MEETING
DISCUSSION AGENDA ITEM**

AGENDA ITEM: 15

SUBJECT:

SAN JOAQUIN RIVER DISSOLVED OXYGEN TMDL IMPLEMENTATION

BOARD ACTION:

Information Item Only.

BACKGROUND:

The Stockton Deep Water Ship Channel (DWSC) (the dredged portion of the San Joaquin River in the Delta) historically had a low dissolved oxygen (DO) impairment, and a TMDL control program was adopted in 2005. The DO Control Program stated that the Regional Board may consider alternate measures, as opposed to direct control, if the measures adequately address the impact on the low DO impairment in the Stockton DWSC and do not degrade water quality in any other way. An aeration facility was constructed at the Port of Stockton as an alternate measure of the Control Program to address the DO impairment. As a result of the reduced discharge of upstream oxygen demanding substances from point and non-point sources, as well as the operation of the aeration facility, the dissolved oxygen conditions in the Stockton Deep Water Ship Channel have improved significantly since 2008. Water Board staff will provide the Board with a status of the DO Control Program.

RECOMMENDATION:

Not applicable.

REVIEWS:

Management Review:	<Initials> <Date>
Legal Review:	JMJ 7/31/2025

BOARD MEETING LOCATION:

State Water Resources Control Board
1001 I Street
Sacramento, CA 95814

AND VIA VIDEO AND TELECONFERENCE