

## San Francisco Bay Regional Water Quality Control Board

**Subject: Minor Modification of Order R2-2020-0028 and Water Code Section 13383 Technical Report Order, NPDES Permit CAG982001, Discharges from Aggregate Mining, Marine Sand Washing, and Sand Offloading Facilities in the San Francisco Bay Region**

We hereby modify Order R2-2020-0028 pursuant to 40 C.F.R. section 122.63, Minor Modification of Permits, to require more frequent effluent copper monitoring for marine sand washing facilities. We require this monitoring because marine sand washing facilities had six copper effluent violations during the previous order term and there is reasonable potential for discharges to exceed the copper water quality objectives. This monitoring is necessary to evaluate compliance with the Order’s effluent limitations and to inform the next permit reissuance.

We also require this information under Water Code section 13383. Water Code section 13383(a) authorizes the Regional Water Board to establish monitoring, inspection, entry, reporting, and recordkeeping requirements, as authorized by Water Code sections 13160, 13376, or 13377, for any person who discharges to navigable waters. Water Code section 13383(b) further authorizes the Regional Water Board to require “any person subject to this section to sample effluent as prescribed...and provide other information as may be reasonably required.” The Regional Water Board is authorized to require marine sand washing facilities under this Order to conduct more frequent effluent copper monitoring pursuant to Water Code section 13383 because they discharge to navigable waters.

We modify Table E-3 of the Order as follows:

**Table E-3. Effluent Monitoring for Marine Sand Washing Facilities**

Parameter	Units	Sample Type	Minimum Sampling Frequency
Flow <sup>[1]</sup>	MG	Continuous or Daily	1/day
Turbidity	NTU	Grab	1/week
Total Settleable Matter	mL/L-hr	Grab	1/week
pH	s.u.	Grab	1/week
Total Residual Chlorine <sup>[2]</sup>	mg/L	Grab	1/week
<u>Copper, Total Recoverable</u>	<u>µg/L</u>	<u>Grab</u>	<u>1/quarter</u>
Mercury <sup>[3]</sup>	µg/L	Grab	2/year
PCBs, Total (as Aroclors) <sup>[4]</sup>	µg/L	Grab	2/year
PCBs (as congeners) <sup>[5]</sup>	µg/L	Grab	2/year
Acute Toxicity <sup>[6]</sup>	% survival	Grab	2/year
4,4'-DDT	µg/L	Grab	1/year
4,4'-DDE	µg/L	Grab	1/year
Priority Pollutants (see Fact Sheet Table F-7) <sup>[7]</sup>	µg/L	Grab	once <sup>[8]</sup>
Standard Observations <sup>[9]</sup>	-	-	1/day

JIM McGRATH, CHAIR | MICHAEL MONTGOMERY, EXECUTIVE OFFICER

Minor Modification of Order R2-2020-0028

We modify Table E-7 of the Order as follows:

**Table E-7. Monitoring Periods**

<b>Sampling Frequency</b>	<b>Monitoring Period Begins On...</b>	<b>Monitoring Period</b>
Continuous	Effective date of Authorization to Discharge	All times while the facility is discharging
1/Day	Effective date of Authorization to Discharge	Midnight through 11:59 p.m.
1/Week	First Sunday following (or on) effective date of Authorization to Discharge	Sunday through Saturday
1/Month	First day of calendar month following (or on) effective date of Authorization to Discharge	First day of calendar month through last day of calendar month
<u>1/Quarter</u>	<u>First day of calendar quarter following (or on) effective date of Authorization to Discharge or July 1, 2021, whichever is later</u>	<u>January 1 through March 31</u> <u>April 1 through June 30</u> <u>July 1 through September 30</u> <u>October 1 through December 31</u>
1/Year	Closest January 1 before or after effective date of Authorization to Discharge	January 1 through December 31
2/Year	Closest January 1 or July 1 before or after effective date of Authorization to Discharge	January 1 through June 30 July 1 through December 31
4 Storms/Year	Closest January 1 or July 1 before or after effective date of Authorization to Discharge	January 1 through June 30 (two storms) July 1 through December 31 (two storms)
Once	Effective date of Authorization to Discharge	Once during the permit term within 12 months prior to applying for permit reissuance