

Reuse Limitations

1. This Order requires the Discharger to conduct characterization of the material through chemical and physical testing of sediments that are representative of the material to be placed. Based on the results of the characterization, the material may be assigned to a reuse classification.
2. Material proposed for reuse shall be evaluated based on the characteristics of the material and assigned to one of three general classes for reuse as follows:

Class I	Very Clean Material, available for reuse in all applications, including direct contact with surface water.
Class II	Pretty Darn Clean material, available for reuse application with the potential for runoff to surface water.
Class III	Regular So-So material, available for reuse in applications where material is capped or covered.
3. Material that meets the criteria shown in Tables X, Y and Z, may be assigned to one of the reuse Classes and reused according to the guidelines applicable for those classes of reuse.

PUBLIC NOTICE

4. All of the above, as well as the supplemental information and details in the attached Information Sheet, incorporated by reference herein, were considered in establishing the following conditions of discharge.
5. Interested agencies and persons were notified of the intent to prescribe a General Order for this group of discharges and were provided an opportunity for a public hearing, and an opportunity to submit their written views and recommendations.
6. In a public meeting, all comments pertaining to the discharges were heard and considered.

IT IS HEREBY ORDERED that all Dischargers that file a complete Report of Waste Discharge and are issued a Notice of Applicability under provisions of this General Order, and all heirs, successors, or designees, in order to meet the provisions contained in Division 7 of California Water Code and regulations adopted thereunder, shall comply with the following:

A. Discharge Specifications:

1. The total amount of dredged material shall not exceed **800,000** cubic yards for any one Notice of Applicability.

E. Dredge Material Reuse Limitations

1. Sediment reuse criteria is determined based on the reuse application and the potential for water quality impacts inherent in each reuse application.
2. Sediment placed or reused for projects in direct contact with surface waters, such as wetland restoration projects or material placed below the Mean Lower Low Water (MLLW) on the water side of levees shall be classified as Class I sediments and shall not exceed the leachable concentrations shown below in Table X.

Table X – Class I Sediment Criteria (very clean)

<u>Constituent</u>	<u>Units</u>	<u>Maximum Concentration</u> ^{1,2}
Aluminum	µg/l	
Arsenic	µg/l	
Barium	µg/l	
Boron	µg/l	
Cadmium	µg/l	
Chromium Total	µg/l	
Chromium VI	µg/l	
Copper	µg/l	
Lead	µg/l	
Manganese	µg/l	
Mercury	µg/l	
Molybdenum	µg/l	
Nickel	µg/l	
Selenium	µg/l	
Zinc	µg/l	
Chlorpyrifos	µg/l	
Diazinon	µg/l	
Oil and Grease	µg/l	
Tributyltin	µg/l	

¹ Allowable maximum concentrations may be set lower by the Regional Board as deemed appropriate, and consistent with public health guidelines, environmental protection and water quality protection.

² Metal objectives in this table are expressed in dissolved concentrations

3. Sediments placed or reused for projects with the potential to discharge runoff to surface waters shall not exceed the leachable concentrations shown below in Table Y.

Table Y – Class II Sediments (pretty darn clean)

<u>Constituent</u>	<u>Units</u>	<u>Maximum Concentration</u> ^{1,2}
Aluminum	µg/l	87
Arsenic	µg/l	10
Barium	µg/l	100
Boron	µg/l	700
Cadmium	µg/l	4?
Chromium Total	µg/l	20
Chromium VI	µg/l	11
Copper	µg/l	Attachment C
Lead	µg/l	Attachment D
Manganese	µg/l	50
Mercury	µg/l	0.05
Molybdenum	µg/l	Modify ?
Nickel	µg/l	Attachment E
Selenium	µg/l	5?
Zinc	µg/l	Attachment F
Chlorpyrifos	µg/l	0.014
Diazinon	µg/l	0.05
Oil and Grease	µg/l	5
Tributyltin	µg/l	0.072

¹ Allowable maximum concentrations may be set lower by the Regional Board as deemed appropriate, and consistent with public health guidelines, environmental protection and water quality protection.

² Metal objectives in this table are expressed in dissolved concentrations

4. Sediment placed below engineered caps such as foundations of buildings, asphalt, concrete, or sediments capped with clay layers, clean sediment and/or compacted, hydroseeded and graded, and which have little or no direct hydraulic access for erosion or runoff to surface waters shall be classified as Class III Sediments, and shall not exceed the leachable concentrations shown below in Table Z. Class III sediments shall not be placed where ground water levels are less than 3 ft.
5. If a reuse application does not fit into the categories listed above, or if site conditions or project applications provide mitigations not accounted for in these classifications, the discharger may submit a technical report with sufficient supporting data and information to allow a revised determination of reuse criteria and applications.

Table Z – Class III Sediments (the regular so-so stuff)

<u>Constituent</u>	<u>Units</u>	<u>Maximum Concentration</u> ^{1,2}
Aluminum	µg/l	
Arsenic	µg/l	
Barium	µg/l	
Boron	µg/l	
Cadmium	µg/l	
Chromium Total	µg/l	
Chromium VI	µg/l	
Copper	µg/l	Attachment C
Lead	µg/l	Attachment D
Manganese	µg/l	
Mercury	µg/l	
Molybdenum	µg/l	
Nickel	µg/l	Attachment E
Selenium	µg/l	
Zinc	µg/l	Attachment F
Chlorpyrifos	µg/l	
Diazinon	µg/l	
Oil and Grease	µg/l	
Tributyltin	µg/l	

¹ Allowable maximum concentrations may be set lower by the Regional Board as deemed appropriate, and consistent with public health guidelines, environmental protection and water quality protection.

² Metal objectives in this table are expressed in dissolved concentrations