



Edmund G. Brown Jr. Governor

MATTHEW RODRIQUEZ SECRETARY FOR ENVIRONMENTAL PROTECTION

Los Angeles Regional Water Quality Control Board

October 20, 2016

Mr. Richard Parsons Dredging Manager Ventura Port District Ventura, CA 93001-4229

### WASTE DISCHARGE REQUIREMENTS VENTURA PORT DISTRICT MAINTENANCE DREDGING (FILE NO. 76-59)

Dear Mr. Parsons:

Reference is made to our letter of August 8, 2016, which transmitted copies of tentative waste discharge requirements (WDRs) and a receiving water monitoring program for dredging and disposal of dredged material from the Ventura Port District Maintenance Dredging project within Ventura Harbor in Ventura, Ventura County.

In accordance with the California Water Code, this Board, at a public meeting held on October 13, 2016, reviewed the tentative requirements, considered all factors in the case and adopted Order No. R4-2016-0333 relative to this waste discharge (copy enclosed). The Standard Provisions, which were sent to you with the tentative requirements, were adopted without change and are part of this order.

All monitoring reports should be submitted electronically to the Regional Board via the GeoTracker database system (<u>http://geotracker.waterboards.ca.gov</u>). Reference all technical monitoring reports required by this Order to our Compliance File No. 6300. Please do not combine reports – each should be submitted as a separate document.

Should you have any questions, please telephone me at (213) 576-6718.

Sincerely.

J. Michael Lyons Senior Environmental Scientist

Enclosures

IRMA MUÑOZ, CHAIR | SAMUEL UNGER, EXECUTIVE OFFICER

cc: Bill Orme, Non-Point Source Unit, SWRCB Jennifer Fordyce, Office of Chief Counsel, SWRCB Larry Simon, California Coastal Commission (San Francisco) Bill Paznokas, California Department of Fish and Game (San Diego) Theresa Stevens, U.S. Army Corps of Engineers (Ventura) Allan Ota, U.S. Environmental Protection Agency (San Francisco) Melissa Scianni, U.S. Environmental Protection Agency (San Francisco) Carol Roberts, U.S. Fish and Wildlife Service (Carlsbad) Bryant Chesney, National Marine Fisheries Service (Long Beach) Steven Johnson, Heal the Bay Jason Weiner, Wishtoyo Foundation

### STATE OF CALIFORNIA CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD LOS ANGELES REGION

#### ORDER NO. R4-2016-0333

### RENEWAL OF WASTE DISCHARGE REQUIREMENTS FOR VENTURA PORT DISTRICT (MAINTENANCE DREDGING) (FILE NO. 76-59)

The California Regional Water Quality Control Board, Los Angeles Region (Regional Board) finds:

- The Ventura Port District (the Port) filed an application for renewal of the Waste Discharge Requirements contained in Regional Board Order No. R4-2012-0027, adopted on February 2, 2012, for routine maintenance dredging operations in Ventura Harbor, City of Ventura (Figure 1). Maintenance dredging is necessary to remove accumulated sediment from the harbor bottom to secure the minimum depth required for navigation safety and the continued use of recreational facilities.
- 2. Order No. R4-2012-0027 authorized the Port to dredge up to 100,000 cubic yards of bottom sediments per year from the navigation channels, berthing areas and sand traps within the inner harbor. The order also authorized the Port to dredge small volumes of material (approximately 2,500 cubic yards) via a shore-based clam shell operation where shoals develop where two major storm drains discharge into the harbor: in the southeast corner of Area D, just to the south of the point where the Olivas Park Storm Drain enters the harbor, and where the Arundell Barranca enters the harbor. Chemical analyses demonstrated that the sediments to be dredged from the inner harbor did not contain elevated levels of trace metals or organic contaminants.

Order R4-2012-0027 authorized the discharge of coarse-grained material for beneficial reuse as beach replenishment. It also authorized the discharge of fine-grained material into a 4,000foot section of the nearshore area adjacent to McGrath State Beach. The order also authorized disposal of fine-grained material within the nearshore area near the mouth of the Santa Clara River, provided that the river is flowing at a rate of 100 cubic feet per second or greater, or within any of three depressions identified within the interior portion of the harbor. Although discharge of material into nearshore areas near the mouth of the Santa Clara River or adjacent to McGrath State Beach does not constitute beneficial reuse, this disposal method is consistent with the natural flow regime of the Santa Clara River (which discharges an average of approximately 6 million cubic yards of sediment per year, primarily during periods of high stormwater runoff).

One dredging and disposal operation was conducted by the Port under Order No. R4-2012-0027. In March 2016, the Port dredged 2,452 cubic yards of material from the Stub Channel in Ventura Harbor and deposited the dredged material into the surf zone to the north of the mouth of the Santa Clara River.

July 20, 2016

- 3. The Port has not requested any changes to the dredging operation specifications or disposal alternatives. The Port proposes to dredge a maximum of 100,000 cubic yards of material per year from the navigation channels, berthing areas and sand traps within the inner harbor, and may dredge up to 2,500 cubic yards of material per year from shoaled areas in the inner harbor where two major storm drains discharge into the harbor (Figure 2). Fine-grained material would be disposed of: 1) below the mean high water line along the 2,500 feet of beach just west of the mouth of the Santa Clara River (Figure 3), with the actual discharge point being at least 300 feet away from the location at which the river flows into the ocean, provided that the river flow, as measured in the vicinity of the Victoria Bridge, is 100 cubic feet per second or greater; or 2) in the 4,000 feet of nearshore area located approximately 1,000 feet south of the harbor (Figure 5). Coarse-grained material would be disposed of within the 4,000 feet of nearshore area located approximately 1,000 feet south of the Santa Clara River (Figure 4).
- 4. The Port conducted a sediment characterization study in December 2015. Sediment cores were collected in five discrete sampling areas (Areas A through E) in Ventura Harbor (Area F is not expected to be dredged in the near future and therefore was not sampled). Composite samples of 5 cores were analyzed for areas A and C, composite samples of 4 cores were analyzed for Areas B and D, and a single core sample was analyzed for Area E (Figures 6, 7, 8, 9 and 10).

Parameter	Area A	Area B	Area C	Area D	Area E
Sand/Gravel	79.7 %	93.4 %	93.8 %	83.3 %	98.1 %
Silt/Clay	20.3 %	6.6 %	6.2 %	16.7	1.9 %
Arsenic	6.24 ppm	3.54 ppm	4.98 ppm	7.17 ppm	7.68 ppm
Cadmium	0.563 ppm	0.372 ppm	0.469 ppm	0.673 ppm	0.739 ppm
Chromium	28.7 ppm	15.8 ppm	18.1 ppm	31.8 ppm	31.5 ppm
Copper	30.0 ppm	17.1 ppm	53.6 ppm	58.8 ppm	68.2 ppm
Lead	12.1 ppm	6.51 ppm	9.75 ppm	17.5 ppm	15.8 ppm
Mercury	< 0.05 ppm				
Nickel	31.2 ppm	16.7 ppm	18.4 ppm	33.2 ppm	29.7 ppm
Selenium	0.449 ppm	0.302 ppm	0.470 ppm	0.715 ppm	0.694 ppm
Silver	< 0.2 ppm				
Zinc	94.0 ppm	51.5 ppm	82.3 ppm	131.0 ppm	137.0 ppm
Total DDT	< 4 ppb	7.01 ppb	<4 ppb	7.17 ppb	< 4 ppb
Total PCB	< 0.3 ppb	4.98 ppb	4.43 ppb	10.87 ppb	10.04 ppb
Total PAH	179 ppb	102 ppb	237 ppb	123 ppb	3,140 ppb

#### Table 1.

Results of 2015 Sediment Characterization Study for five subareas within Ventura Harbor.

\*gray cells = measured values exceed Effects Range-Low threshold

The sediments present in Areas A-E ranged from 79.7 to 98.1 % sand and gravel, and from 1.9 to 20.3% silt and clay. All metals concentrations in the sediments tested were below Effects Range Low (ERL) thresholds, with the exception of copper which exceeded the ERL of 8.2 parts per million in all five areas. Similar exceedances of the ERL threshold were found during the 2012 and 2009 sediment characterizations and those sediments were approved in Order R4-2012-0027 for disposal at the mouth of the Santa Clara River. Total PCB and Total PAH concentrations were below ERL thresholds in all five areas. Total DDT concentrations are consistent with levels found in sediment characterizations conducted over the past thirteen years.

- 5. The United States Corps of Engineers issued Permit SPL-2011-1154-AJS on April 13, 2012, to the Ventura Port District for maintenance dredging operations in Ventura Harbor. The California Coastal Commission issued Coastal Development Permit 4-06-086 on March 6, 2007, for this maintenance dredging program.
- 6. The Regional Board adopted a revised Water Quality Control Plan for the Coastal Watersheds of Los Angeles and Ventura Counties on June 13, 1994. The Water Quality Control Plan contains water quality objectives for Ventura Harbor and the Santa Clara River Estuary. The requirements contained in this Order as they are met will be in conformance with the goals of the Water Quality Control Plan.
- 7. The beneficial uses of the Ventura Harbor waters are: industrial service supply, navigation, water contact recreation, non-contact water recreation, commercial and sport fishing, marine habitat, wildlife habitat, and shellfish harvesting. The beneficial uses of the Santa Clara River Estuary waters are: navigation, water contact recreation, non-contact water recreation, commercial and sport fishing, estuarine habitat, marine habitat, wildlife habitat, wetland habitat, preservation of rare and endangered species, migration of aquatic organisms and spawning, reproduction and/or early development of aquatic organisms. The beneficial uses of Ventura County Coastal nearshore waters are: industrial service supply, navigation, water contact recreation, non-contact water recreation, commercial and sport fishing, marine habitat, wildlife habitat, wildlife habitat, wildlife habitat, and shellfish harvesting.
- The Ventura Port District has determined that the proposed project is categorically exempt from further environmental review under the California Environmental Quality Act under California Code of Regulations, Class 4, section 15304, because the dredging activities are part of the ongoing operation and maintenance of existing public facilities (dated June 30, 2016).
- 9. With proper management of the dredging and disposal operations, the project is not expected to release significant levels of contaminants to the Harbor waters or other State waters nor adversely impact beneficial uses.

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10. Dredging and disposal operations will be accomplished through the use of temporary equipment. The Waste Discharge Requirements imposed below will not result in any significant increase in energy consumption.

The Regional Board has notified the Port and interested agencies and persons of its intent to prescribe Waste Discharge Requirements for this discharge and has provided them with an opportunity to submit their written views and recommendations.

The Regional Board, in a public meeting, heard and considered all comments pertaining to the discharge and to the tentative requirements.

IT IS HEREBY ORDERED that the Ventura Port District, in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder, and the provisions of the Clean Water Act as amended, and regulations and guidelines adopted thereunder, shall comply with the following:

A. Discharge Requirements

- 1. The removal and placement of dredged/excavated material shall be managed such that the concentrations of toxic pollutants in the water column, sediments or biota shall not adversely affect beneficial uses, in particular those identified in Finding number 7 above.
- 2. Enclosed bay and estuarine communities and populations, including vertebrate, invertebrate and plant species, shall not be degraded as a result of the discharge of waste.
- 3. The natural taste and odor of fish, shellfish or other enclosed bay and estuarine resources used for human consumption shall not be impaired as a result of the discharge of waste.
- 4. Toxic pollutants shall not be discharged at levels that will bioaccumulate in aquatic resources to levels which are harmful to human health.
- 5. There shall be no acute toxicity or chronic toxicity in ambient waters as a result of the discharge of waste.
- 6. The Port shall conduct the monitoring required and comply with the reporting requirements outlined in the attached Monitoring and Reporting Program, which is incorporated by reference as part of these Waste Discharge Requirements.
- 7. Dredging, excavation or disposal of dredge spoils shall not cause any of the following conditions in the receiving waters:
  - a. The formation of sludge banks or deposits of waste origin that would adversely affect the composition of the bottom fauna and flora, interfere with

the fish propagation or deleteriously affect their habitat, or adversely change the physical or chemical nature of the bottom.

- b. Turbidity that would cause substantial visible contrast with the natural appearance of the water outside the immediate area of operation.
- c. Discoloration outside the immediate area of operation.
- d. Visible material, including oil and grease, either floating on or suspended in the water or deposited on beaches, shores, or channel structures outside the immediate area of operation.
- e. Objectionable odors emanating from the water surface.
- f. Depression of dissolved oxygen concentrations below 5.0 mg/l at any time outside the immediate area of operation.
- g. Any condition of pollution or nuisance.
- B. Provisions
  - 1. The Discharge Requirements specified above are valid only for dredging and disposal of a maximum volume of 100,000 cubic yards of sediment per year from the navigation channels, berthing areas and sand traps within the inner harbor, and a maximum of 2,500 cubic yards of sediment from shoals in the vicinity of two major storm drains discharging into the harbor, as proposed by the Port.
  - The Port may dispose of dredged material for beach replenishment purposes below the Mean Higher High Water level provided that it meets the following conditions:

     a) the dredged material is composed of predominately sand, in which an average of 91% or greater of the material is retained on a Standard U.S. Sieve Size No. 200;
     b) the dredged material does not contain elevated concentrations of trace metals or trace organics.
  - 3. The Port may dispose of fine-grained or coarse-grained dredged material in a 4,000-foot zone of the nearshore area adjacent to McGrath State Beach (Figure 5), just south of the mouth of the Santa Clara River, provided that it meets the following condition: a) the dredged material does not contain elevated concentrations of trace metals or trace organics.
  - 4. The Port may dispose of dredged material below the mean high water line along the 2,500 feet of beach just west of the mouth of the Santa Clara River (Figure 3), with the actual discharge point being at least 300 feet away from the location at which the river flows into the ocean, provided that a) the river flow, as measured in the vicinity of the State Highway 118 Bridge, is 100 cubic feet per second or greater; b) the dredged material is composed of predominately fine-grained sediments, in

which an average of 90% or less of the material is retained on a Standard U.S. Sieve Size No. 200; c) the dredged material does not contain elevated concentrations of trace metals or trace organics.

- 5. The Port may dispose of material dredged from the inner harbor in any of the three identified deposition areas within the harbor (Figure 3) provided that it meets the following conditions: a) the dredged material is composed of predominately fine-grained sediments, in which an average of 90% or less of the material is retained on a Standard U.S. Sieve Size No. 200; b) the dredged material does not contain elevated concentrations of trace metals or trace organics.
- 6. The Port shall notify this Regional Board immediately by telephone of any adverse conditions in receiving waters or adjacent areas resulting from the removal of dredge materials; written confirmation by the Port to the Regional Board shall follow within one week.
- 7. A copy of this Order shall be made available at all times to project construction personnel.
- 8. The Port shall provide the following information to the Regional Board:
  - a. The scheduled date of commencement of each dredging operation and an engineering plan and profile of the excavation and the disposal site at least two weeks prior to commencement.
  - b. Notice of termination of the operation, within one week following the termination date.
- 9. The Port shall submit, under penalty of perjury, technical reports to the Regional Board in accordance with specifications prepared by the Executive Officer.
- 10. In accordance with section 13260(c) of the Water Code, the Port shall file a report of any material change or proposed change in the character, location, or volume of the waste.
- 11. These requirements do not exempt the Port from compliance with any other laws, regulations, or ordinances which may be applicable: they do not legalize this waste discharge, and they leave unaffected any further restraint on the disposal of wastes at this site which may be contained in other statutes or required by other agencies.
- 12. In accordance with Water Code section 13263(g), these requirements shall not create a vested right to continue to discharge and are subject to rescission or modification. All discharges of waste into waters of the State are privileges, not rights.

- 13. This Order includes Attachment N: "Standard Provisions, General Monitoring and Reporting Requirements" ("Standard Provisions") and the attached Monitoring and Reporting Requirements, both of which are incorporated herein by reference. If there is any conflict between provisions stated hereinbefore and said "Standard Provisions", those provisions stated hereinbefore prevail. If there is any conflict between requirements stated in the attached Monitoring and Reporting Program and said "Standard Provisions", the former shall prevail.
- 14. This Order fulfills the requirements for a Clean Water Act Section 401 Water Quality Certification for the proposed project. Pursuant to section 3860 of title 23 of the California Code of Regulations (23 CCR), the following three standard conditions shall apply to this project:
  - a. this certification action is subject to modification or revocation upon administrative or judicial review, including review and amendment pursuant to section 13330 of the California Water Code and Article 6 (commencing with 23 CCR section 3867);
  - b. this certification action is not intended and shall not be construed to apply to any activity involving a hydroelectric facility and requiring a Federal Energy Regulatory Commission (FERC) license or an amendment to a FERC license unless the pertinent certification application was filed pursuant to 23 CCR subsection 3855(b) and the application specifically identified that a FERC license or amendment to a FERC license for a hydroelectric facility was being sought;
  - c. this certification is conditioned upon total payment of any fee required pursuant to 23 CCR division 3, chapter 28, and owed by the applicant.
- 15. This Order shall expire on September 30, 2021.
- 16. This Order rescinds Regional Board Order No. R4-2012-0027, except for enforcement purposes.

I, Sam Unger, Executive Officer, do hereby certify that the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, Los Angeles Region, on October13, 2016.

Samuel Voya

SAMUEL UNGER, P.E. Executive Officer

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Order No. R4-2016-0333



Figure 1. Location of Ventura Harbor, Ventura County, California.

Order No. R4-2016-0333

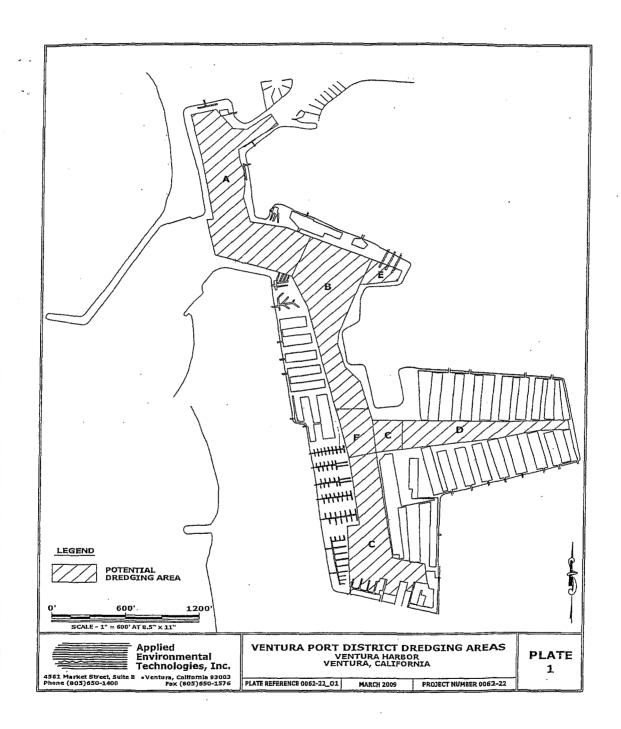


Figure 2. Areas to be dredged within Ventura Harbor (designated as A through F).

Order No. R4-2016-0333

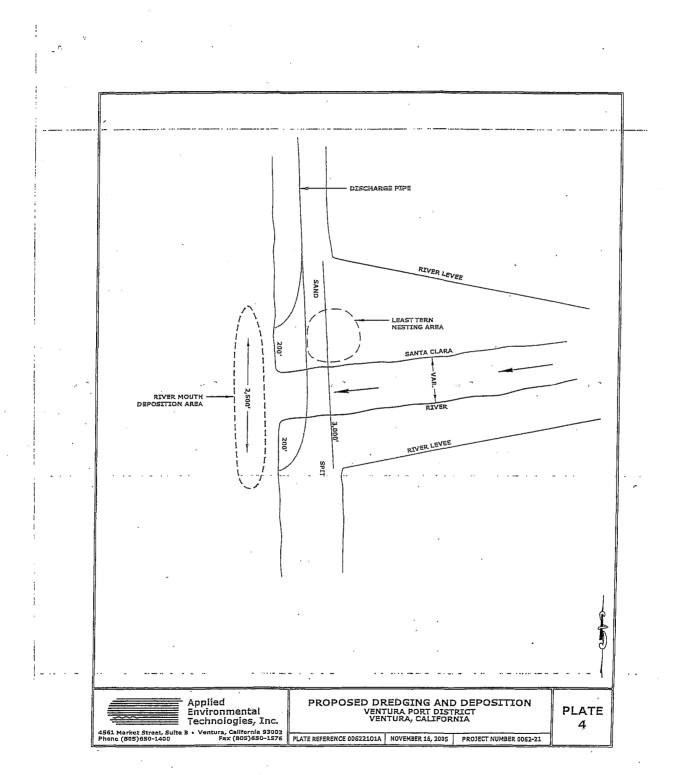


Figure 3. Zone at the mouth of the Santa Clara River for discharge of dredged material.

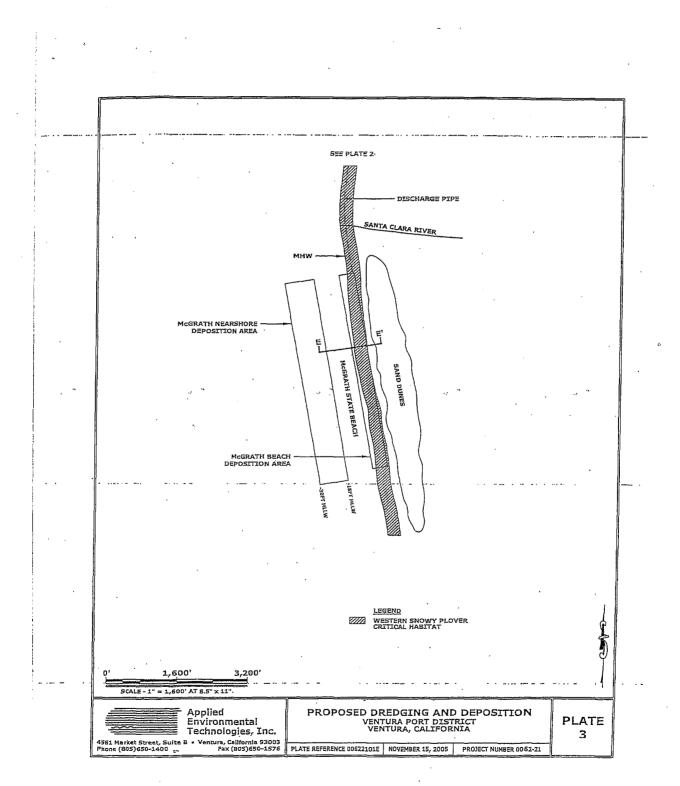


Figure 4. Nearshore zone for discharge of dredged material.

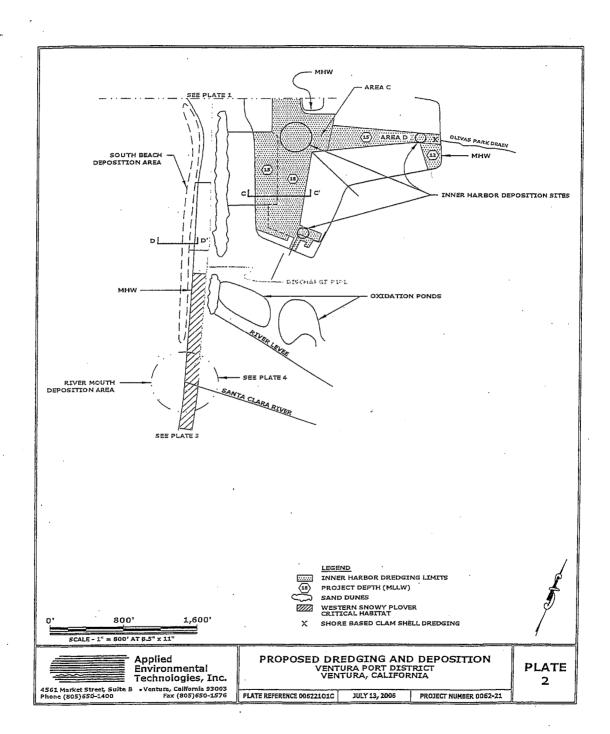


Figure 5. Inner harbor depression sites for disposal of dredged material.

North

# Ventura Port District Maintenance Dredging

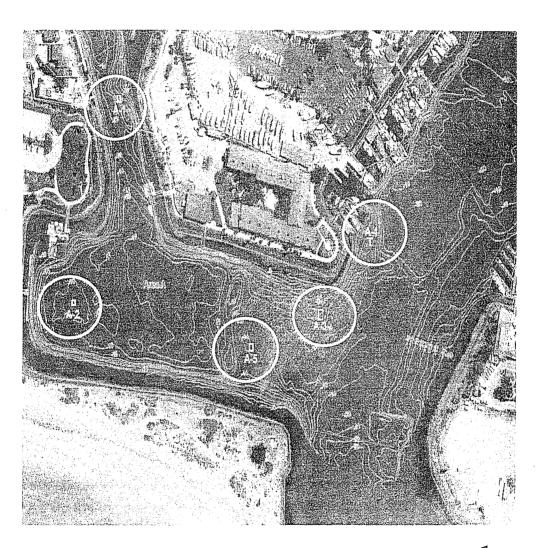
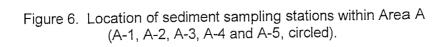


PLATE 2



Order No. R4-2016-0333

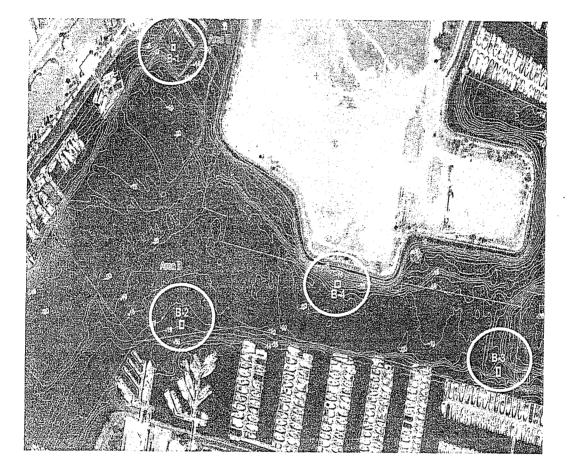


PLATE 3



Figure 7. Location of sediment sampling stations within Area B (B-1, B-2, B-3 and B-4, circled).

Order No. R4-2016-0333

North

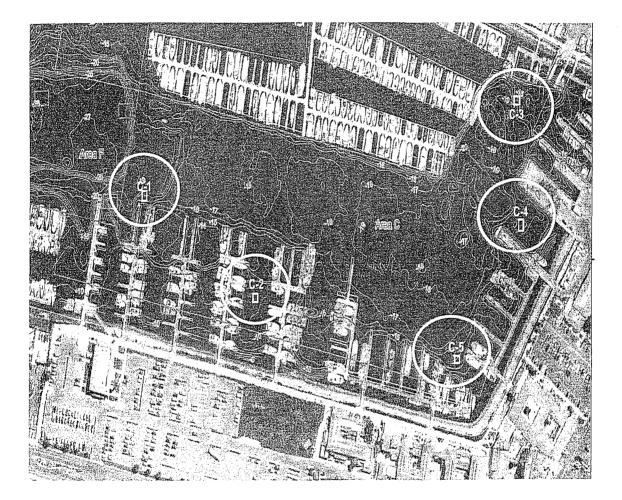


PLATE 4

Figure 8. Location of sediment sampling stations within Area C (C-1, C-2, C-3, C-4 and C-5, circled).

North

Order No. R4-2016-0333

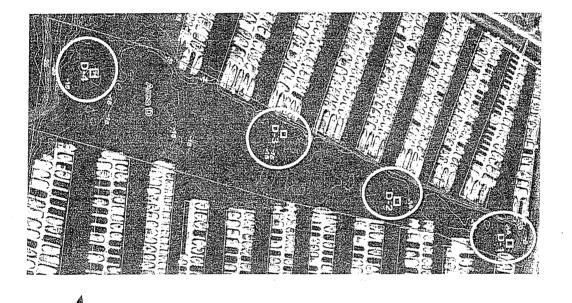
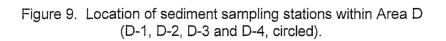


PLATE 5



Order No. R4-2016-0333

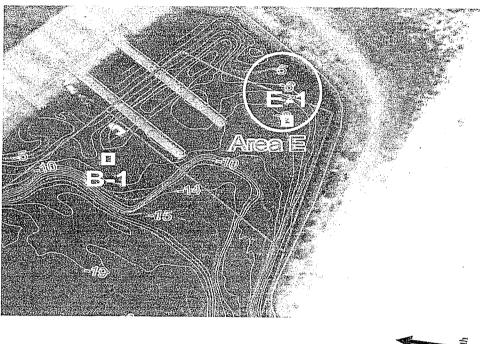


PLATE 6



Figure 10. Location of sediment sampling stations within Area E (E-1, circled).

### STATE OF CALIFORNIA CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD LOS ANGELES REGION

### MONITORING AND REPORTING PROGRAM NO. 6300 FOR VENTURA PORT DISTRICT (MAINTENANCE DREDGING) (FILE NO. 76-59)

#### 1. Receiving Water Monitoring

The following sampling protocol shall be undertaken by the Ventura Port District (Port) during the proposed dredging project. Sampling for the receiving water monitoring shall commence at least one week prior to the start of the dredging and fill operations and continue at least one week following the completion of all such operations. Sampling shall be conducted a minimum of once a week during dredging operations. Sampling shall be conducted down current of the dredge sites at least one hour after the start of dredging operations. All receiving water monitoring data shall be obtained via grab samples or remote electronic detection equipment. Receiving water samples shall be taken at the following stations:

Station	Description				
A	30.5 meters (100 feet) up current of the dredging operations, safety permitting.				
В	30.5 meters (100 feet) down current of the dredging operations, safety permitting.				
С	91.5 meters (300 feet) down current of the dredging operations.				
D	Control site (area not affected by dredging operations).				

The following shall constitute the receiving water monitoring program:

## Water Column Monitoring

Parameters	<u>Units</u>	<u>Station</u>	Frequency
Dissolved oxygen <sup>1</sup> Light transmittance <sup>1</sup> pH <sup>1</sup> Suspended solids <sup>3</sup>	mg/l % Transmittance pH units mg/l	A-D """ ""	Weekly <sup>2</sup> "

<sup>1</sup>Measurements shall be taken throughout the water column (at a minimum, at 2-meter increments).

<sup>2</sup>During the first two weeks of dredging, stations shall be sampled two times per week. <sup>3</sup>Mid-depth shall be sampled. Monitoring and Reporting Program No. 6300 Ventura Port District Maintenance Dredging

Water column light transmittance values from Stations C and D shall be compared for the near surface (1 meter below the surface), for mid-water (averaged values throughout the water column, excluding the near surface and bottom) and for the bottom (1 meter above the bottom). If the difference in % light transmittance between stations C and D for the near surface or mid-water or bottom is 30% or greater, water samples shall be collected at mid-depth (or the depth at which the maximum turbidity occurs) and analyzed for trace metals, DDTs, PCBs and PAHs. At a minimum, one set of water samples shall be collected and analyzed for these chemical constituents during the maintenance dredging operation.

In the event that the water column light transmittance values from Stations C and D exceed the 30% trigger described above, the Port shall conduct the standard water quality monitoring described above for three consecutive days following the date of exceedance. The Port shall notify the Regional Board, the California Coastal Commission, the United States Environmental Protection Agency and the United States Army Corps of Engineers within 24 hours following observance of the transmissivity exceedance. The Port shall investigate whether the exceedance is due to obvious dredging operational problems and can be corrected easily and quickly. However, if the turbidity problem persists or recurs, the Port shall look for other causes of the problem and evaluate whether additional, more aggressive best management practices are required to eliminate the exceedances; this evaluation shall be performed in consultation with the four regulatory agencies listed above.

Color photographs shall be taken at the time of sampling to record the presence and extent of visible effects of dredging operations. These photographs shall be submitted with the receiving water monitoring reports.

The Port shall provide Regional Board staff with a receiving water monitoring program field schedule at least one week prior to initiating the program. Regional Board staff shall be notified of any changes in the field schedule at least 48 hours in advance.

### 2. Observations

The following receiving water observations shall be made and logged daily during dredging or excavating operations:

- a. Date and time;
- b. Direction and estimated speed of currents;
- c. General weather conditions and wind velocity;
- d. Tide stage;
- e. Appearance of trash, floatable material, grease, oil or oily slick, or other objectionable materials;
- f. Discoloration and/or turbidity;
- g. Odors;
- h. Depth of dredge operations during previous day;
- i. Amount of material dredged the previous day;

Monitoring and Reporting Program No. 6300 Ventura Port District Maintenance Dredging

### j. Cumulative total amount of material dredged to date.

### 3. General Provisions

All sampling, sample preservation, and analyses shall be performed in accordance with the latest edition of "Guidelines Establishing Test Procedures for Analysis of Pollutants" promulgated by the United States Environmental Protection Agency.

All chemical analyses shall be conducted at a laboratory certified for such analysis by the State Department of Health Services, Environmental Laboratory Accreditation Program (ELAP), or approved by the Executive Officer.

The Port shall calibrate and perform maintenance procedures on all monitoring instruments and equipment to insure accuracy of measurements, or shall insure that both activities will be conducted by third parties under Port supervision.

A grab sample is defined as an individual sample collected in fewer than 15 minutes.

All samples shall be representative of the waste discharge under normal operating conditions.

#### 4. Reporting

Monitoring reports shall be submitted within 10 days following each weekly sampling period. In reporting, the Port shall arrange the monitoring data in tabular form so that dates, time, parameters, test data, and observations are readily discernible. The data shall be summarized to demonstrate compliance with the waste discharge requirements. A final report, summarizing the results of the weekly monitoring and reporting the total volume discharged, shall be submitted within one month of completion of the project.

Each monitoring report shall contain a separate section titled "Summary of Non-Compliance" which discusses the compliance record and corrective actions taken or planned that may be needed to bring the discharge into full compliance with waste discharge requirements. This section shall clearly list all non-compliance with waste discharge requirements, as well as all excursions of effluent limitations.

Each monitoring report must affirm in writing that:

All analyses were conducted at a laboratory certified for such analyses by the Department of Health Services or approved by the Executive Officer and in accordance with current EPA guidelines or as specified in the Monitoring Program.

For any analysis preformed for which no procedure is specified in the EPA guidelines or in the Monitoring Program, the constituent or parameter analyzed and the method or procedure used must be specified in the report.

Monitoring and Reporting Program No. 6300 Ventura Port District Maintenance Dredging

#### 5. General Provisions for Reporting

For every item where the requirements are not met, the Port shall submit a statement of the actions undertaken or proposed which will bring the discharge into full compliance with requirements at the earliest time and submit a timetable for correction.

Each report shall contain the following completed declaration:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted.

Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of a fine and imprisonment for knowing violations.

Executed on the \_\_\_\_\_day of \_\_\_\_\_\_, 20\_\_\_\_, at \_\_\_\_\_.

\_\_\_\_\_(Signature)

(Title)"

These records and reports are public documents and shall be made available for inspection during business hours at the office of the California Regional Water Quality Control Board, Los Angeles Region.

Ordered by:

Somuel Uno SAMUEL UNGER

Executive Officer

Date: October 13, 2016