

EDMUND G. BROWN JR.
GOVERNOR

MATTHEW RODRIGUEZ
SECRETARY FOR
ENVIRONMENTAL PROTECTION

Los Angeles Regional Water Quality Control Board

February 18, 2014

Mr. Richard D. Cameron
Director of Environmental Planning
Port of Long Beach
4801 Airport Plaza Drive
Long Beach, CA 90815

WASTE DISCHARGE REQUIREMENTS PORT OF LONG BEACH, INNER HARBOR TURNING BASIN DREDGING PROJECT (FILE NO. 14-110)

Dear Mr. Cameron:

Reference is made to our letter of December 12, 2014, which transmitted copies of tentative waste discharge requirements (WDRs) and a receiving water monitoring program for dredging and disposal of dredged material from the Port of Long Beach Inner Harbor Turning Basin dredging project within Long Beach Harbor in Long Beach, Los Angeles County.

In accordance with the California Water Code, this Board, at a public meeting held on February 12, 2015, reviewed the tentative requirements, considered all factors in the case and adopted Order No. R4-2015-0027 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. Although not explicitly required by the Monitoring and Reporting Program, the Port of Long Beach has agreed to conduct weekly receiving water monitoring during embankment stabilization operations.

All monitoring reports should be submitted electronically to the Regional Board via the GeoTracker database system (<http://geotracker.waterboards.ca.gov>). Reference all technical monitoring reports required by this Order to our Compliance File No. 10130. 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,

A handwritten signature in black ink, appearing to read "J. Michael Lyons".

J. MICHAEL LYONS
Staff Environmental Scientist

Enclosures

CHARLES STRINGER, CHAIR | SAMUEL UNGER, EXECUTIVE OFFICER

320 West 4th St., Suite 200, Los Angeles, CA 90013 | www.waterboards.ca.gov/losangeles

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)
John Markham, U.S. Army Corps of Engineers (Los Angeles)
Theresa Stevens, U.S. Army Corps of Engineers (Ventura)
Allan Ota, U.S. Environmental Protection Agency (San Francisco)
Carol Roberts, U.S. Fish and Wildlife Service (Carlsbad)
Bryant Chesney, National Marine Fisheries Service (Long Beach)
Peter Shellenbarger, Heal the Bay
Matthew Arms, Port of Long Beach
Janna Watanabe, Port of Long Beach

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

ORDER NO. R4-2015-0027

**WASTE DISCHARGE REQUIREMENTS
FOR
PORT OF LONG BEACH
(INNER HARBOR TURNING BASIN DREDGING PROJECT)
(FILE NO. 14-110)**

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

1. The Port of Long Beach (POLB) filed an application for Waste Discharge Requirements for the Inner Harbor Turning Basin Dredging Project within the Turning Basin and approach to the Turning Basin, north of the Gerald Desmond Bridge in Long Beach Harbor (Figure 1).
2. The primary purpose of the project is to improve safety and navigation for vessels calling at the Port. The Inner Harbor Turning Basin will be widened from a diameter of approximately 960 feet to a diameter of approximately 1,190 feet and dredged to -52 feet mean lower low water (with a 2-foot overdredge allowance to -54 feet mean lower low water). Dredging will be performed adjacent to the western tip of Pier C, the western edge of Pier D (north of the Gerald Desmond Bridge), and the eastern edge of Pier S, including areas adjacent to the NRG Long Beach Generating Station.

A maximum of approximately 50,000 cubic yards of material will be dredged (approximately 36,500 cubic yards from Pier C, 10,200 cubic yards from Pier S and 3,300 cubic yards from Pier D). The material will be disposed of within the Middle Harbor fill site, which is regulated by waste discharge requirements contained in Board Order No. R4-2014-0202 for the Middle Harbor Terminal Redevelopment Project. Placement of contaminated and uncontaminated dredged materials into an authorized Port-constructed fill site is defined as "beneficial reuse" by the Los Angeles Contaminated Sediments Task Force's Long-term Management Strategy.

Debris and structures within the dredge footprint will be removed prior to dredging (e.g., there are four piles at Pier C that will need to be removed). In addition, existing utilities affected by the dredging will be removed, modified, abandoned or relocated in accordance with standard port practices.

Embankment stabilization will be performed at the three dredging areas (Pier C, Pier D and Pier S) to facilitate steepening of the channel side slopes. Existing rock riprap

December 8, 2014

within the dredge footprint will need to be removed and approximately 36,000 tons of armor rock/riprap will be placed on the newly dredged submerged slopes/embankments for erosion protection.

3. A sediment characterization study was conducted in 2014 within the areas to be dredged within the Back Channel and Turning Basin. Three dredge units were identified for sampling and analysis (BC-DU01, BC-DU03 and BC-DU04) (Figure 2). Sediment cores were collected at three to seven locations per dredge unit (Figures 3, 4 and 5). Sediment chemistry and effluent elutriate test chemistry analyses were performed on composite samples created from the cores from each dredge unit.

Results of the sediment characterization study are presented in Table 1. Sediments were predominantly silt and clay (ranging from 71.5 to 90.4 % silt-clay for the three composite samples). Several metals exceeded the concentration thresholds for which toxicity to aquatic organisms could be possible (Effects Range-Low, or ERL, threshold) in one or more of the composite samples, including arsenic, cadmium, chromium, copper, lead, nickel, silver and zinc. Mercury concentrations exceeded the threshold for which toxicity to aquatic organisms is likely (Effects Range-Median, or ERM, threshold). Total PAHs and total PCBs exceeded concentration thresholds for which toxicity to aquatic organisms could be possible (ERL), while total DDTs exceeded the ERL threshold for two of the composites and also exceeded the concentration threshold for which toxicity to aquatic organisms is likely (ERM) for one composite.

4. The U.S. Army Corps of Engineers (COE) will issue Permit No. SPL-2006-02062-JWM to POLB for the Inner Harbor Turning Basin Dredging Project.
5. In October 2013, the Long Beach Board of Harbor Commissioners certified the Pier S Marine Terminal + Back Channel Improvements Project Final Environmental Impact Statement/Environmental Impact Report in compliance with the California Environmental Quality Act.
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 Long Beach Harbor. The requirements contained in this Order as they are met will be in conformance with the goals of the Water Quality Control Plan.

TABLE 1

Results of Physical and Chemical Analyses on Sediment Composite Samples from
 Back Channel and Turning Basin

	ERL	ERM	TTLc	Composite Range	
				Minimum	Maximum
Conventional Parameters (%)					
Total organic carbon	-	-	-	1.3	2.2
Total solids	-	-	-	55.6	63
Grain Size (%)					
Clay (less than 0.00391mm)	-	-	-	14.96	20.24
Silt (0.00391 to 0.0625mm)	-	-	-	56.5	70.19
Total Silt and Clay (0 to 0.0625mm)	-	-	-	71.47	90.42
Very Fine Sand (0.0625 to 0.125mm)	-	-	-	8.59	12.9
Fine Sand (0.125 to 0.25mm)	-	-	-	0.99	13.1
Medium Sand (0.25 to 0.5mm)	-	-	-	<0.01	4.24
Coarse Sand (0.5 to 1mm)	-	-	-	<0.01	<0.01
Very Coarse Sand (1 to 2mm)	-	-	-	<0.01	<0.01
Gravel (greater than 2mm)	-	-	-	<0.01	<0.01
Metals (mg/kg)					
Arsenic	8.2	70	500	15.4	22.6
Cadmium	1.2	9.6	100	0.942	2.23
Chromium	81	370	2500	67.9	89.1
Copper	34	270	2500	85.0	119
Lead	46.7	218	1000	52.7	68.9
Mercury	0.15	0.71	20	1.11	2.58 J
Nickel	20.9	51.6	2000	35.5	39.9
Selenium	-	-	100	0.593 J	0.799 J
Silver	1	3.7	500	0.84	2.22
Zinc	150	410	5000	218	342
Organotins (µg/kg)					
Total Butyltins ¹	-	-	-	5.8 J	11.2 J
Organics (µg/kg)					
Total PAHs ²	4022	44792	-	668 J	6179
4,4'-DDD	2	20	-	<0.51 J	1.1 J
4,4'-DDE	2.2	27	-	6.7	90 J
4,4'-DDT	1	7	-	<0.57	4.2 J
Total DDTs ³	1.58	46.1	1000	8.5 J	106 J

Port of Long Beach
Inner Harbor Turning Basin Dredging Project

Order No. R4-2015-0027

Total Chlordanes ⁴	0.5	6	2500	<0.52 J	<0.57
Total PCB Congeners	22.7	180	50000	54.9 J	152 J
Pyrethroids (µg/kg)					
Allethrin	-	-	-	<0.5	<0.5
Bifenthrin	-	-	-	<0.5	<0.5
Cyfluthrin	-	-	-	<0.5	<0.5
Cypermethrin	-	-	-	<0.5	<0.5
Danitol	-	-	-	<0.5	<0.5
Deltamethrin	-	-	-	<0.5	<0.5
Esfenvalerate	-	-	-	<0.5	<0.5
Fenvalerate	-	-	-	<0.5	<0.5
Fluvalinate	-	-	-	<0.5	<0.5
L-Cyhalothrin	-	-	-	<0.5	<0.5
Permethrin, cis-	-	-	-	<5	<5
Permethrin, trans-	-	-	-	<5	<5
Prallethrin	-	-	-	<0.5	<0.5
Resmethrin	-	-	-	<5	<5

Notes:

For totals, zeros were used for non-detect samples for summing. If all samples were non-detect, the highest method detection limit of all samples was used as the total result.

1 Total Butyltins are the sum of: monobutyltin, dibutyltin, tetrabutyltin, and tributyltin.

2 Total PAHs are the sum of 18 HPAHs: 1-methylnaphthalene, 2-methylnaphthalene, acenaphthene, acenaphthylene, anthracene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, chrysene, dibenzo(a,h,)anthracene, fluoranthene, flourene, indeno(1,2,3-c,d)pyrene, naphthalene, phenathrene, and pyrene.

3 Total DDTs are the sum of: 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, 2,4'-DDD, 2,4'-DDE, and 2,4'-DDT.

4 Total Chlordanes are the sum of: alpha chlordanes, gamma chlordanes, cis-nonachlor, oxychlordanes, and trans-nonachlor.

< = Compound analyzed, but not detected above detection limit.

µg/kg = micrograms per kilogram

ERL = effects-range low

ERM = effects-range median

J = indicates an estimated value

mg/kg = milligrams per kilogram

PCBs = polychlorinated biphenyls

TTL = total threshold limit concentration

Bold = detected result

7. The beneficial uses of the Los Angeles-Long Beach inner harbor and marina waters are: industrial service supply, navigation, water contact recreation (potential), non-contact water recreation, commercial and sport fishing, marine habitat, preservation of rare, threatened and endangered species, and shellfish harvesting (potential). The beneficial uses of the outer harbor waters are: navigation, water contact recreation, non-contact water recreation, commercial and sport fishing, marine habitat, preservation of rare, threatened and endangered species, and shellfish harvesting (potential).
8. 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.
9. 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 of Long Beach 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 Port of Long Beach, 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. POLB 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 construction project boundary.
 - c. Discoloration outside the construction project boundary.
 - 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 construction project boundary.
 - e. Objectionable odors emanating from the water surface.
 - f. Depression of dissolved oxygen concentrations below 5.0 mg/l at any time outside the construction project boundary.
 - g. Any condition of pollution or nuisance.

B. Provisions

1. The Discharge Requirements specified above are valid only for dredging of a maximum volume of 50,000 cubic yards of sediment from the Turning Basin and approach to the Turning Basin in Long Beach Harbor, and for disposal within the Middle Harbor fill site.
2. POLB shall manage the Middle Harbor confined fill site to effectively contain chemically contaminated materials and to prevent migration of contaminants from the disposal sites into State waters.
3. POLB shall notify the 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 POLB to the Regional Board shall follow within one week.
4. A copy of this Order shall be made available at all times to project construction personnel.
5. POLB shall provide the following information to the Regional Board:
 - a. A copy of the final permit issued by the Department of the Army for the dredge and disposal operations.
 - b. 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.
 - c. Notice of termination of the operation, within one week following the termination date.
6. POLB shall submit, under penalty of perjury, technical reports to the Regional Board in accordance with specifications prepared by the Executive Officer.
7. In accordance with section 13260(c) of the Water Code, POLB shall file a report of any material change or proposed change in the character, location, or volume of the waste.
8. These requirements do not exempt POLB 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.

9. 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.
10. 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.
11. 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.

12. This Order shall expire on February 28, 2020.

I, Samuel 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 February 12, 2015.



SAMUEL UNGER, P.E.
Executive Officer

vjml

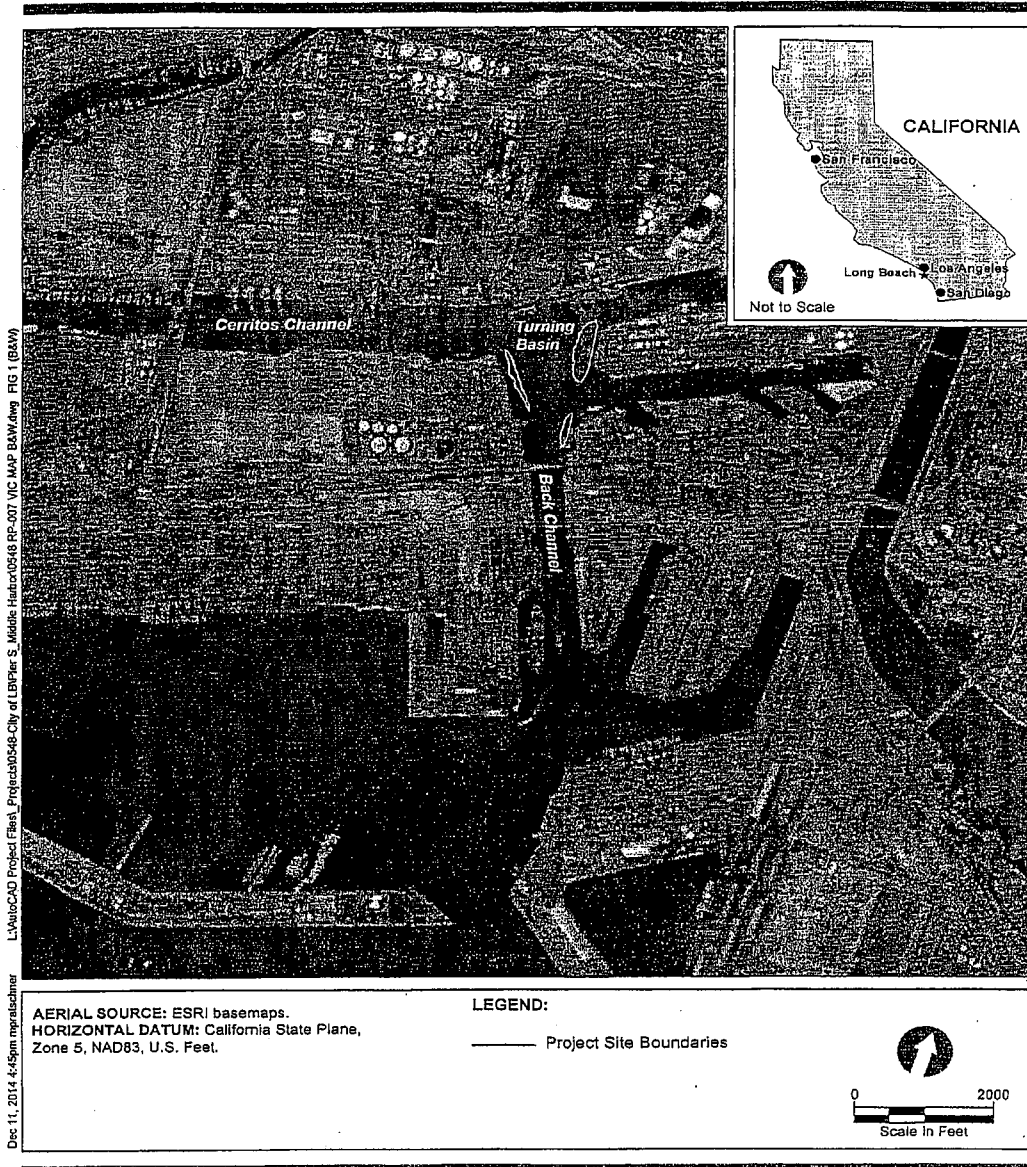


Figure 1
Vicinity Map
Port of Long Beach Back Channel and Turning Basin

Figure 1. Location of Inner Harbor Turning Basin Dredging Project.



Figure 2
 Overview of Dredge Areas within the Back Channel and Turning Basin
 Port of Long Beach Back Channel and Turning Basin

Figure 2. Areas to be dredged for Inner Harbor Turning Basin Dredging Project.

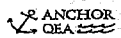
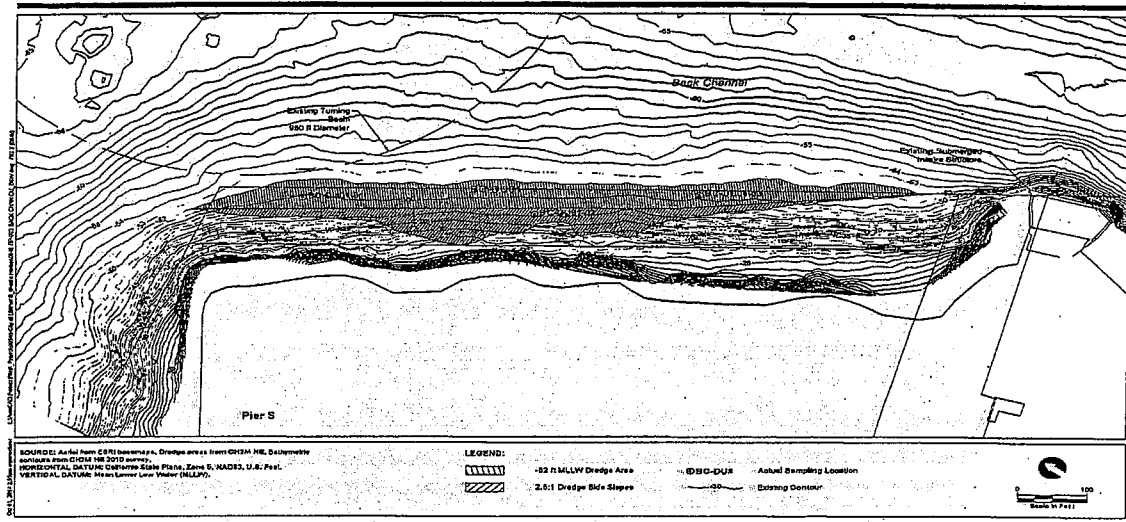


Figure 3
 Sampling Locations within Back Channel and Turning Basin Dredge Unit BC-DU01
 Port of Long Beach Back Channel and Turning Basin

Figure 3. Sediment sampling locations within dredging unit 01 (DU01).

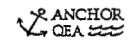
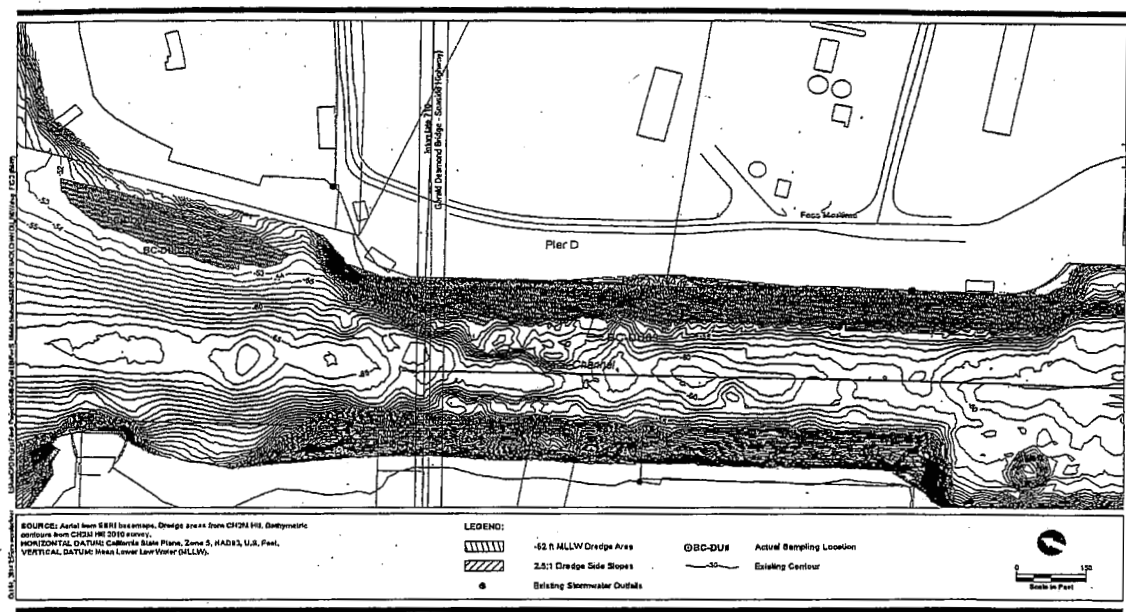


Figure 3
 Sampling Locations within Back Channel and Turning Basin Dredge Unit BC-DU03
 Port of Long Beach Back Channel and Turning Basin

Figure 4. Sediment sampling locations within dredging unit 03 (DU03).

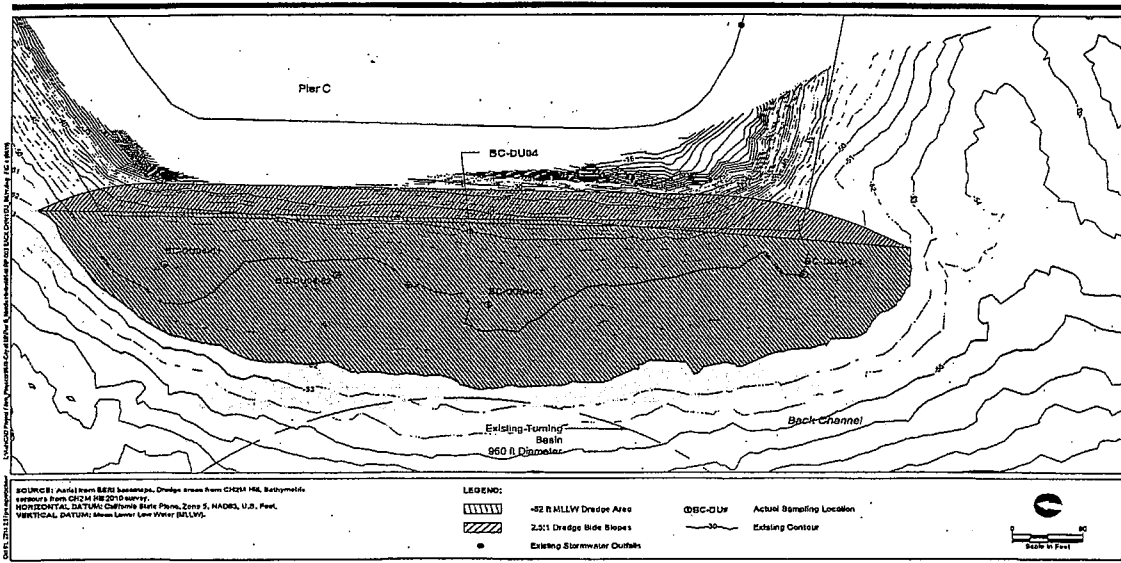


Figure 6
 Sampling Locations within Back Channel and Turning Basin Dredge Unit BC-DU04
 Part of Long Beach Back Channel and Turning Basin

Figure 5. Sediment sampling locations within dredging unit 4 (DU04).

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

**MONITORING AND REPORTING PROGRAM NO. 10130
FOR
PORT OF LONG BEACH
(INNER HARBOR TURNING BASIN DREDGING PROJECT)
(FILE NO. 14-110)**

1. Receiving Water Monitoring

The following sampling protocol shall be undertaken by the Port of Long Beach (POLB) 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:

<u>Station</u>	<u>Description</u>
A	30.5 meters (100 feet) up current of the dredging operations, safety permitting.
B	30.5 meters (100 feet) down current of the dredging operations, safety permitting.
C	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

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

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

²During the first two weeks of dredging at each dredge unit, stations shall be sampled two times per week.

³Mid-depth shall be sampled

December 8, 2014

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). When the difference in % light transmittance between stations C and D (for the near surface, 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) at station C 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 dredging operation, even if no exceedances of the light transmittance criteria occur.

In the event that the water column light transmittance values from Stations C and D exceed the 30% trigger described above, POLB shall conduct the standard water quality monitoring described above for three consecutive days following the date of exceedance. POLB 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 a transmissivity exceedance. POLB 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, POLB 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.

POLB 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 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;

- 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 California Department of Public Health, Environmental Laboratory Accreditation Program (ELAP), or approved by the Executive Officer.

POLB 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 POLB 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, POLB 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 California Department of Public Health or approved by the Executive Officer and in accordance with current EPA guidelines or as specified in the Monitoring Program.

For any analysis performed 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.

6. General Provisions for Reporting

For every item where the requirements are not met, POLB 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.

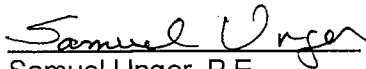
Executed on the _____ day of _____, 20____,
at _____.

(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:


Samuel Unger, P.E.
Executive Officer

Date: February 12, 2015