



SPECIAL PUBLIC NOTICE

**U.S. ARMY CORPS OF ENGINEERS
LOS ANGELES DISTRICT**

BUILDING STRONG®

APPLICATION FOR PERMIT

**Regional General Permit 54 – Newport Bay Maintenance Dredging
and Dock/Bulkhead Repair and Replacement Program**

Public Notice/Application No.: SPL-2013-00020-SME

Project: Regional General Permit 54 for Newport Bay Maintenance Dredging and Dock/Bulkhead Repair and Replacement Program

Comment Period: December 29, 2014 through January 28, 2015

Project Manager: Stephen M. Estes; 213-452-3660; stephen.m.estes@usace.army.mil

Applicant

Chris Miller
City of Newport Beach
Harbor Resources Division
829 Harbor Island Drive
Newport Beach, California 92660
949-644-3043

Contact

Adam Gale
Anchor QEA, LLC
27201 Puerta Real, Suite 350
Mission Viejo, California 92691
949-347-2780

Location

The proposed work would take place throughout pre-identified eligible portions of Newport Bay, in the city of Newport Beach, Orange County, California at approximately 33.608795, -117.905268 (Figures 1-3c).

Activity

The City of Newport Beach (City) is requesting a five-year reauthorization and modification of the existing Regional General Permit (RGP) 54 for maintenance dredging, dock and bulkhead repairs, and in-kind dock and bulkhead replacement projects in Newport Bay (Program). Specifically, the City proposes to cover under the RGP 54 the following regulated work and activities in eligible areas of Newport Bay: 1) maintenance dredging under and adjacent to private, public, and commercial docks, floats, and piers; 2) the discharge of dredged material at adjacent beach sites for beach nourishment, the LA-3 Ocean Dredged Material Disposal Site (ODMDS), confined disposal facilities, or at approved upland disposal sites; and 3) the repair and in-kind replacement of docking systems (including docks, piers, gangways, floats, and piles), bulkheads, and piles.

Maintenance dredging would occur to a maximum depth of -10 feet mean lower low water (MLLW), plus 2 feet of overdepth allowance. For specified locations, the maximum depth would be -7 feet MLLW plus 1 foot of overdepth allowance (see Figures 2-3c). The annual maximum dredge volume authorized under RGP 54 would be 75,000 cubic yards (CYs) within the authorized areas and individual maintenance dredging projects would not exceed 8,000 CYs.

The City proposes to use a full complement of sediment sampling results from testing conducted in July 2013 to characterize areas proposed for this RGP 54 application for five years through July 2018 (see Additional Project Information on page 5). The City is requesting the proposed re-authorization of RGP 54 be effective for five years. Thus, for dredging activities occurring after July 2018 and until the expiration of any new RGP 54, additional sediment sampling results would be presented to the SC-DMMT for approval before dredging activities could proceed in authorized areas.

For repair and replacement activities, "in-kind" is defined as replacement where the overwater footprint and configuration of replacement structures are identical to that of existing design conditions. Modern materials may be substituted, as appropriate (e.g. concrete piles instead of treated timber). Modifications to overwater footprints or structural configurations would not be permitted under RGP 54. For additional information about the proposed RGP, please see page 5 of this Special Public Notice.

Interested parties are hereby notified that an application has been received for a Department of the Army permit for the activity described herein and shown on the attached figures. We invite you to review today's Special Public Notice and provide views on the proposed work. By providing substantive, site-specific comments to the U.S. Army Corps of Engineers (Corps) Regulatory Division, you will provide information that supports the Corps' decision-making process. All comments received during the comment period become part of the record and will be considered in the decision. This permit will be issued as is, issued with special conditions, or denied under section 10 of the Rivers and Harbors Act of 1899, section 404 of the Clean Water Act, and section 103 of the Marine Protection, Research, and Sanctuaries Act. Comments should be mailed to:

U.S. Army Corps of Engineers
Los Angeles District, Regulatory Division
Attn: Stephen Estes
915 Wilshire Boulevard, Suite 930
Los Angeles, California 90017

Alternatively, comments can be sent electronically to: stephen.m.estes@usace.army.mil.

The mission of the Corps Regulatory Program is to protect the nation's aquatic resources while allowing reasonable development through fair, flexible, and balanced permit decisions. The Corps evaluates permit applications for essentially all construction activities that occur in the nation's waters, including wetlands. The Regulatory Program in the Los Angeles District is executed to protect aquatic resources by developing and implementing short- and long-term initiatives to improve regulatory products, processes, program transparency, and customer feedback considering current staffing levels and historical funding trends.

Corps permits are necessary for any work, including construction and dredging, in the nation's navigable waters and their tributary waters. The Corps balances the reasonably foreseeable benefits and detriments of proposed projects and makes permit decisions that recognize the essential values of the nation's aquatic ecosystems to the general public, as well as the property rights of private citizens who want to use their land. The Corps strives to make its permit decisions in a timely manner that minimizes impacts to the regulated public.

During the permit process, the Corps considers the views of other federal, state, and local agencies; interest groups; and the general public. The results of this careful public interest review are fair and

equitable decisions that allow reasonable use of private property, infrastructure development, and growth of the economy while offsetting the authorized impacts to the waters of the United States. The permit review process serves first to avoid and then to minimize adverse effects of projects on aquatic resources to the maximum practicable extent. Any remaining unavoidable adverse impacts to the aquatic environment are offset by compensatory mitigation requirements, which may include restoration, enhancement, establishment, and/or preservation of aquatic ecosystem system functions and services.

Evaluation Factors

The decision whether to issue a permit will be based on an evaluation of the probable impact, including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit that may be reasonably expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors that may be relevant to the proposal will be considered, including the cumulative effects thereof. Factors that will be considered include conservation, economics, aesthetics, general environmental concerns, wetlands, cultural values, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food production, and, the general needs and welfare of the people. In addition, if the proposal would discharge dredged or fill material, the evaluation of the activity will include application of the U.S. Environmental Protection Agency (USEPA) Guidelines (40 Code of Federal Regulations (CFR) Part 230) as required by section 404 (b)(1) of the Clean Water Act.

The Corps is soliciting comments from the public; federal, state, and local agencies and officials; Indian tribes; and other interested parties to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps to determine whether to issue, modify, condition, or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement (EIS) pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

Preliminary Review of Selected Factors

EIS Determination: A preliminary determination has been made that an EIS is not required for the proposed work.

Water Quality: The City is required to obtain water quality certification under section 401 of the Clean Water Act from the Santa Ana Regional Water Quality Control Board (RWQCB). Section 401 requires that any applicant for an individual section 404 permit provide proof of water quality certification to the Corps prior to permit issuance. A 401 certification for the Program was issued by the Santa Ana RWQCB on July 29, 2014 (No. 302014-03).

Coastal Zone Management: The City has certified that the proposed activity would comply with and would be conducted in a manner that is consistent with the approved State Coastal Zone Management Program. For those projects in or affecting the coastal zone, the Federal Coastal Zone Management Act requires that prior to issuing the Corps authorization for the project, the applicant must obtain concurrence from the California Coastal Commission that the project is consistent with

the State's Coastal Zone Management Plan. The District Engineer hereby requests the California Coastal Commission's concurrence or non-concurrence.

Essential Fish Habitat: The Corps' preliminary determination indicates that the proposed activity may adversely affect Essential Fish Habitat (EFH). Pursuant to section 305(b)(2) of the Magnuson-Stevens Fishery Conservation and Management Act (MSA), the Los Angeles District hereby requests initiation of EFH consultation for the proposed project. This notice initiates the EFH consultation requirements of the Act via abbreviated consultation. In order to comply with the MSA, pursuant to 50 CFR 600.920(e)(3), I am providing, separately, the information needed to complete the consultation.

Cultural Resources: The proposed Program would include maintenance dredging to the original design depths within the footprint of existing development. No dredging would occur in previously undisturbed areas. In addition, no excavation would occur within any upland staging areas. Therefore, maintenance dredging projects would have no potential to cause effects to historic properties or cultural resources. Structural repair and replacement projects would be evaluated on an individual basis to determine whether the structures are eligible for the National Register of Historic Places or whether the activities would have the potential to affect historic properties or cultural resources. This review constitutes the extent of cultural resources investigations by the District Engineer, and she is otherwise unaware of the presence of such resources.

Endangered Species: Based upon a review of the project area and the proposed activities, it is possible the project area supports limited foraging habitat for the California least tern (*Sterna antillarum browni*), a federally listed endangered species. This is a migratory species known to nest and forage in Southern California from approximately April to mid-September. The closest known nesting sites are adjacent to the Santa Ana River and at "Tern Island", located in Upper Newport Bay. Adults are known to forage throughout upper Newport Bay. Limited foraging habitat may be present in lower Newport Bay; however, it is unknown whether terns forage in this heavily-disturbed area. The Program would consist of relatively small maintenance dredging and structural maintenance projects, resulting in only minimal effects on the aquatic environment. Program activities would not be expected to affect behavioral patterns for this species because large areas for foraging and roosting would remain available within Newport Bay. Furthermore, project sites would consist of private residences or beaches with high levels of recreation; thus, foraging or nesting activities are not expected at these locations. Finally, the proposed Program would not be located in designated critical habitat for any federally listed species. Therefore, the Corps has made a preliminary determination that activities authorized under the proposed Program would have no effect on federally listed species or their critical habitat. Formal consultation under section 7 of the Endangered Species Act does not appear to be required at this time.

Public Hearing: Any person may request, in writing, within the comment period specified in this Notice, that a public hearing be held to consider this application. Requests for a public hearing shall state the particular reasons for holding a public hearing.

Proposed Activity for Which a Permit is Required

Basic Project Purpose: The basic project purpose comprises the fundamental, essential, or irreducible purpose of the proposed project. It is used by the Corps to determine whether the applicant's project is water dependent (i.e., requires access or proximity to, or siting within the special aquatic site to fulfill its basic purpose). The basic project purpose for the proposed project is to restore and maintain navigation and existing overwater structures. These are considered water-dependant activities in this instance.

Overall Project Purpose: The overall project purpose serves as the basis for the Corps' 404(b)(1) alternatives analysis and is determined by further defining the basic project purpose in a manner that specifically describes the applicant's goals for the project, and that allows a reasonable range of alternatives to be analyzed. The overall purpose for the proposed project is to streamline the permit processing for routine maintenance dredging activities that would restore and maintain the navigable capacity within selected areas of Newport Bay and for the in-kind repair and replacement of individual deficient overwater structures in Newport Bay.

Additional Project Information

Background of RGP 54: RGP 54 was originally issued on August 29, 1989 (Corps File No. 890021100) and has been periodically re-authorized with modifications. The current version of RGP 54 was issued on January 10, 2013 and will expire on December 20, 2015 (Corps File No. SPL-2011-00249-SME). A re-authorized RGP 54 with modifications would supersede the existing version of the Corps' permit authorization.

Sediment Characterization: As part of the RGP authorization process, the City presented a proposed sampling and analysis plan (SAP) to the interagency Southern California Dredged Material Management Team (SC-DMMT) on April 24, 2013. The SC-DMMT approved the sampling approach and proposed testing locations presented in the SAP. The City completed sediment testing from representative locations within Newport Bay in July 2013, with sampling results summarized in the Sampling and Analysis Report (SAR; Anchor QEA, October 2013, *Sampling and Analysis Report, Regional General Permit 54 Sediment Characterization*). The SAR describes the sediment sampling and analysis methods and results, and provides recommendations regarding the suitability of disposal methods for sediments within the proposed RGP 54's maximum possible dredging footprint within eligible use areas.

Under the existing RGP 54 authorization, owners of private docks are authorized to dredge to a maximum depth of -7 feet MLLW, plus 1 foot of allowable overdepth. The request to re-authorize RGP 54 includes a deeper maximum dredge depth of -10 feet MLLW, plus 2 feet of allowable overdepth and greater coverage in Newport Bay. Five areas of Newport Bay were identified for sampling and analysis procedures. The upper profile consisted of sediment from the surface to -8 feet MLLW, which is the depth characterized as part of previous RGP 54 authorizations (-7 feet MLLW, plus 1 foot of allowable overdepth). The lower profile consisted of sediment from -8 to -12 feet MLLW. Sediment testing was conducted on a phased approach. Phases I and II consisted of preliminary metals analysis to better refine the sediment compositing scheme. Phase III consisted of full Tier III testing on the final composite samples, including physical, chemical, and biological analyses.

Implementation: Maintenance dredging would be limited to an annual maximum of 75,000 CYs of material. Individual dredging and disposal projects would be limited to no more than 8,000 CYs. To ensure compliance with RGP 54, the City is proposing a tiered approach to review applications under RGP 54. In addition, the City would also be required to submit quarterly reports to the regulatory agencies.

Individual Use Application Process: The City is requesting a five-year renewal and modification of RGP 54 for maintenance dredging, dock and bulkhead repairs, and in-kind dock and bulkhead replacement projects in Newport Bay as described above (page 1).

Maintenance dredging would occur to a maximum depth of -10 feet MLLW, plus 2 feet of overdepth allowance. For select locations, the maximum depth would be -7 feet MLLW plus 1 foot of overdepth allowance (Figures 2-3c). The annual maximum dredge volume authorized under RGP 54 would be 75,000 CYs within the authorized areas and individual maintenance dredging projects would not exceed 8,000 CYs.

For repair and replacement activities, “in-kind” is defined as replacement where the overwater footprint and configuration of replacement structures are identical to that of existing design conditions. Modern materials may be substituted, as appropriate (e.g. concrete piles instead of treated timber). Modifications to overwater footprints or structural configurations would not be permitted under RGP 54.

Project review and approval would occur according to a tiered approach for dredging and/or structural improvements (Tier I or II) based on the potential for impacts (Table 1).

Table 1
Tiered Application Review Process for Projects Qualifying for RGP 54

Tier	Dredge Activities Covered	Structural Activities Covered	Review Terms
I	Projects dredging up to 1,000 CYs of material with no potential to impact existing eelgrass	In-kind repair or replacement of existing structures with no potential to impact existing eelgrass	Authority would be delegated to the City without project-specific agency review. The City would provide quarterly reports to the Corps and specified resource agencies describing all projects authorized under RGP 54.
II	Projects dredging between 1,000 and 8,000 CYs of material or projects with potential to impact existing eelgrass	In-kind repair or replacement of existing structures with the potential to impact existing eelgrass	The City would submit a Pre-Construction Notification to the agencies and work would not commence until the appropriate authorizations have been issued.

The proposed tiered approach to notifications would streamline the permitting review process by reducing duplicative efforts. It would promote increased efficiency of the RGP 54 process, while allowing for levels of review to be commensurate with project impacts. This tiered approach is proposed on a trial basis and may be modified or eliminated in the future.

The City’s Department of Harbor Resources (Harbor Resources) would be the primary point of contact for applicants seeking authorization under RGP 54. Applications would be reviewed by Harbor Resources within 30 days of receipt of the application to determine the appropriate project tier and confirm the project is consistent with the terms and conditions of RGP 54. If the project qualifies as Tier I, Harbor Resources may provide authorization for the applicant to proceed without notifying the regulatory agencies. Harbor Resources would prepare written certification for internal recording and would include the project information as part of required quarterly reports to the Corps and other

appropriate regulatory agencies.

If Harbor Resources would determine a project qualifies as Tier II, then applications, along with written certifications, would be forwarded to the agencies in batches at the end of each month. Certifications would include the following information:

1. Confirmation that the proposed application meets the terms and conditions of RGP 54, with special emphasis on the presence or absence of eelgrass;
2. Maps of the project area, including location within Newport Bay, site address, site latitude and longitude coordinates (e.g., decimal degree format), and drawings of the proposed action to scale (i.e., plan and cross-section view of proposed activity), including boundaries of any proposed dredging and disposal work;
3. The proposed area of permanent and temporary impacts to waters of the United States (in acres or square feet) and proposed dredge and disposal quantities (in CYs);
4. The results of eelgrass and *Caulerpa* surveys of the project area(s); and
5. For projects proposing the discharge of sediment for beach nourishment purposes, the results of sediment grain size analyses of the proposed dredge and discharge sites.

If a proposed project may result in impacts to existing eelgrass, the applicant would be notified and would be required to submit a draft eelgrass monitoring and mitigation plan to Harbor Resources consistent with the provisions of the Southern California Eelgrass Mitigation Policy (SCEMP) or other Corps-approved plan, e.g., *Eelgrass Protection and Mitigation Plan for Shallow Waters in Lower Newport Bay: An Ecosystem Based Management Program* (City of Newport Beach; currently in draft form).

Harbor Resources would include a copy of the draft project-specific mitigation plan with the monthly application submittals to the regulatory agencies for review and approval. The agencies would retain ultimate discretion on the approval of project-specific eelgrass monitoring and mitigation plans.

RGP 54 would require Harbor Resources to submit quarterly reports to the regulatory agencies, unless otherwise amended, documenting activities authorized under the RGP during the calendar year. Quarterly reports would be submitted by January 31, April 30, July 31, and October 31 of each year. These quarterly reports would include the following information:

1. Summary of dredge operations including:
 - a. Whether a project was processed as Tier I or Tier II;
 - b. Location (address and coordinates) of each dredging operation;
 - c. Areas and volumes of material dredged (in acres and CYs); and
 - d. Disposal location(s) and volumes for each method used (i.e., LA-3, inland site, or other approved area);
2. An estimate of the total acreage of waters of the United States impacted for each activity type;
3. Summary of any direct and indirect eelgrass impacts for each activity type, and the eelgrass monitoring and/or mitigation completed or in progress; and
4. An updated, to-scale map showing the locations of all activities authorized under RGP 54.

Proposed Mitigation

The proposed mitigation may change as a result of comments received in response to this Special Public Notice, the applicant's response to those comments, and/or the need for the project to comply with the 404(b)(1) Guidelines. In consideration of the above, the proposed mitigation sequence

(avoidance/minimization/compensation) as applied to the proposed project is summarized below:

Avoidance: Dredging would not be authorized by RGP 54 in certain areas of Newport Bay, including the Balboa Yacht Basin, Promontory Bay, and at dredging depths between -8 and -12 feet MLLW for several other areas (Figures 2-3c). However, the Corps Regulatory Division and USEPA may approve sediment dredging or disposal operations under RGP 54 at these locations if additional sediment testing is conducted (via a Corps- and USEPA-approved SAP) and the material is found to be suitable.

Minimization: BMPs would be required during construction. Dredging of no more than 75,000 CYs of sediment would be authorized annually within the project area (Figures 1 and 2). Any individual project proposing to dredge more than 8,000 CYs of sediment would need a separate Corps authorization. The City has been working with the National Marine Fisheries Service and other agencies on a plan to address eelgrass impacts in Newport Bay on a programmatic basis (*Eelgrass Protection and Mitigation Plan for Shallow Waters in Lower Newport Bay: An Ecosystem Based Management Program* (City of Newport Beach; currently in draft form)). Activities that would be authorized by RGP 54 would likely be covered by this plan if and when it is approved.

Compensation: The Corps Regulatory Division may require compensatory mitigation for impacts to eelgrass, pursuant to the SCEMP, or other Corps-approved plan.

Proposed Special Conditions

RGP 54 would include Special Conditions based on Special Public Notice comments and an analysis of relevant information. No Special Conditions are proposed at this time.

For additional information, please contact Stephen Estes at 213-452-3660 or via e-mail at stephen.m.estes@usace.army.mil. This Special Public Notice is issued by the Chief, Regulatory Division.



Regulatory Program Goals:

- To provide strong protection of the nation's aquatic environment, including wetlands.
- To ensure the Corps provides the regulated public with fair and reasonable decisions.
- To enhance the efficiency of the Corps' administration of its regulatory program.

DEPARTMENT OF THE ARMY
LOS ANGELES DISTRICT, U.S. ARMY CORPS OF ENGINEERS
915 WILSHIRE BOULEVARD, SUITE 930
LOS ANGELES, CALIFORNIA 90017
WWW.SPL.USACE.ARMY.MIL/MISSIONS/REGULATORY

L:\AutoCAD Project Files\090243-01 Newport CAD\Lower Newport Bay\RGF 54\0243RPG-RP-001.dwg VMap FIG-1



SOURCE: Image from Bing maps.

HORIZONTAL DATUM: California State Plane, Zone 6, NAD83.

VERTICAL DATUM: Mean Lower Low Water (MLLW).

Approximate Project Location:

33° 36.540', 117° 54.230'



Figure 1
Vicinity Map
Proposed RGP 54



SOURCE: Aerial from Bing maps. Coastline extents from City of Newport Beach.
HORIZONTAL DATUM: California State Plane, Zone 6, NAD83.
VERTICAL DATUM: Mean Lower Low Water (MLLW).

NOTE:
Areas proposed for inclusion in RGP 54 are generally between the bulkhead and pierhead lines with the shoreline/boundary demarcated by the various colors/hatched lines. The colored lines, whether solid or dashed, always follow the shoreline rather than following individual fingers or docks.

LEGEND:



Suitable to -10 feet MLLW plus 2 feet of overdepth for unrestricted disposal at the LA-3 ODMDS. Grain size required prior to beach replenishment to demonstrate suitability.



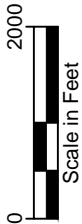
Suitable to -10 feet MLLW plus 2 feet of overdepth for unrestricted disposal at the LA-3 ODMDS. Material proposed for beach placement must have grain size verification and chemical testing with agency concurrence to verify suitability prior to placement.



Suitable to -7 feet MLLW plus 1 foot of overdepth for unrestricted disposal at the LA-3 ODMDS. Z-layer testing to confirm post-dredge surface contains mercury less than 1 ppm prior to dredging to demonstrate newly exposed surface is clean. Grain size required prior to beach replenishment to demonstrate suitability.



Area not included under proposed RGP 54.





SOURCE: Aerial from Bing maps. Coastline extents from City of Newport Beach.
HORIZONTAL DATUM: California State Plane, Zone 6, NAD83.
VERTICAL DATUM: Mean Lower Low Water (MLLW).

NOTE:
Areas proposed for inclusion in RGP 54 are generally between the bulkhead and pierhead lines with the shoreline/boundary demarcated by the various colors/hatched lines. The colored lines, whether solid or dashed, always follow the shoreline rather than following individual fingers or docks.

- LEGEND:**
- Suitable to -10 feet MLLW plus 2 feet of overdepth for unrestricted disposal at the LA-3 ODMDS. Grain size required prior to beach replenishment to demonstrate suitability.
 - Suitable to -10 feet MLLW plus 2 feet of overdepth for unrestricted disposal at the LA-3 ODMDS. Material proposed for beach placement must have grain size verification and chemical testing with agency concurrence to verify suitability prior to placement.
 - Suitable to -7 feet MLLW plus 1 foot of overdepth for unrestricted disposal at the LA-3 ODMDS. Z-layer testing to confirm post-dredge surface contains mercury less than 1 ppm prior to dredging to demonstrate newly exposed surface is clean. Grain size required prior to beach replenishment to demonstrate suitability.
 - Area not included under proposed RGP 54.

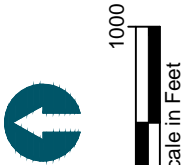


Figure 3a
Proposed RGP 54 Coverage Areas
Proposed RGP 54



SOURCE: Aerial from Bing maps. Coastline extents from City of Newport Beach.
HORIZONTAL DATUM: California State Plane, Zone 6, NAD83.
VERTICAL DATUM: Mean Lower Low Water (MLLW).

NOTE:
Areas proposed for inclusion in RGP 54 are generally between the bulkhead and pierhead lines with the shoreline/boundary demarcated by the various colors/hatched lines. The colored lines, whether solid or dashed, always follow the shoreline rather than following individual fingers or docks.

LEGEND:



Suitable to -10 feet MLLW plus 2 feet of overdepth for unrestricted disposal at the LA-3 ODMDS. Grain size required prior to beach replenishment to demonstrate suitability.



Suitable to -10 feet MLLW plus 1 foot of overdepth for unrestricted disposal at the LA-3 ODMDS. Material proposed for beach placement must have grain size verification and chemical testing with agency concurrence to verify suitability prior to placement.



Suitable to -7 feet MLLW plus 1 foot of overdepth for unrestricted disposal at the LA-3 ODMDS. Z-layer testing to confirm post-dredge surface contains mercury less than 1.0 ppm prior to dredging to demonstrate newly exposed surface is clean. Grain size required prior to beach replenishment to demonstrate suitability.



Area not included under proposed RGP 54.

