APPENDIX G

# MODEL CONSOLIDATED PERMIT CONDITIONS

APPENDIX G

## MODEL CONSOLIDATED PERMIT CONDITIONS

This appendix is a summary of model language that the primary LTMS agencies may use for coordinating dredging and disposal permit conditions. Each agency may include permit conditions other than those shown here.

**Table G.1. Model Consolidated Dredging/Disposal Permit Conditions**

| *Agency (-ies) (Category)* | *In-Bay Disposal* | *Ocean Disposal* | *Beneficial Reuse* |
|---|---|---|---|
| USACE<br><br>(General Conditions) | 1) To provide notification to the maritime community of activities affecting navigation, the permittee shall provide in writing to the Commander (POW), 11th Coast Guard District, Bldg. 50-6, Coast Guard Island, Alameda, California 94501-5100, Office of Aids to Navigation, 510-437-2982, FAX: 510-437-5836, the following information <u>at least two weeks before</u> commencing work:<br>a) Name and telephone number of the project manager.<br>b) Size and placement of any floating construction equipment.<br>c) Radio telephone frequencies and call signs of all marine equipment.<br>d) Work start and completion dates.<br>2) The Coast Guard Captain of the Port (COTP) of San Francisco Bay may require modifications to marine construction equipment deployment or mooring systems to safeguard navigation while work is in progress. Upon receipt of the notification to start, the Coast Guard will send a copy of the permittee's letter to the COTP for review.<br>3) All vessels operated for disposal of dredged material are required to participate in the Coast Guard's Vessel Traffic Control Service (VTCS). Five minutes before each departure, the Permittee shall notify the VTCS by radio, via Channel 13, of the following: the permit number; name of vessel; dump scow number or identification; dredge site and disposal site names; time of departure from dredge site; time of arrival at disposal site; time of departure from disposal site; and time of return to dredge site. | Same | Same |

**Table G.1. Model Consolidated Dredging/Disposal Permit Conditions (Continued)**

| *Agency (-ies) (Category)* | *In-Bay Disposal* | *Ocean Disposal* | *Beneficial Reuse* |
|---|---|---|---|
| USACE<br><br>(General Conditions) | 4) When utilizing in-Bay disposal sites, the permittee shall dispose of all dredged material within the specific area, longitude and latitude specified in the permit. The specific location within the disposal area will be determined by the District Engineer upon receipt of the Dredging Operations Plan (see below under "Dredging Operations Plan"). | N/A | N/A |
| USACE, SFBRWQCB, BCDC<br><br>(Dredge Material Analysis) | 5) For single- and multi-episode permits, submit, for approval, no later than 60 days prior to the proposed commencement of any authorized dredging episode, a Dredged Material Analysis (Physical, Chemical and Biological, as appropriate) sampling and testing report. The testing protocol must be in accordance with the testing guidelines as published in Public Notice 99-3 and 99-4, and subsequent amendments thereto. Sediment suitability determinations for each episode must be coordinated through the Dredged Material Management Office (DMMO). Please include permit numbers and dredge episode number. | Same<br><br>(USACE only) | Same |

**Table G.1. Model Consolidated Dredging/Disposal Permit Conditions (Continued)**

| ***Agency (-ies) (Category)*** | ***In-Bay Disposal*** | ***Ocean Disposal*** | ***Beneficial Reuse*** |
|---|---|---|---|
| USACE<br><br>(Dredging Operations Plan) | 6) Submit, for approval, no earlier than 60 calendar days and no later than 45 calendar days before the proposed commencement of dredging, a Dredging Operations Plan which includes the following:<br>a) Permit numbers and dredge episode number, if appropriate;<br>b) A copy of the dredging contract or description of the work under which the contractor will undertake the permitted work;<br>c) Name and telephone numbers of the dredging contractor's representative on-site.<br>d) Dredging and disposal start and completion dates;<br>e) Name(s) of vessel(s) to be employed, including dump scow numbers or identification, bin or barge capacities;<br>f) Discussion of proposed dredging procedures (e.g., pump system), and I.D. work as maintenance or new dredging;<br>g) Quantity of material to be removed; dredging design depth and over depth; date of last dredging design depth and typical cross sections including over depth; dredging start and completion dates; and date of last dredging episode and design depth; etc. are the controls being established to ensure that dredging operations occur within limits defined by the project;<br>h) Method of determining electronic positioning of dredge or dump scow during entire dredging operation at dredge site, disposal site, and en route to and from disposal site (i.e., horizontal and vertical positioning systems being used);<br>i) Total volume proposed at disposal site (indicate disposal site, if not specified in permit);<br>j) Explanation of how disposal is consistent with management of site. | Same<br><br>(USACE only) | Same |
| USACE, BCDC<br><br>(Pre-Dredging Notice) | 7) Notify staff, in writing, no later than 45 calendar days before commencing any dredging episode. | Same<br><br>(USACE only) | Same |

**Table G.1. Model Consolidated Dredging/Disposal Permit Conditions (Continued)**

| *Agency (-ies) (Category)* | *In-Bay Disposal* | *Ocean Disposal* | *Beneficial Reuse* |
|---|---|---|---|
| USACE, BCDC<br><br>(Pre-Dredging Survey) | 8) Submit to staff, no later than 45 calendar days before commencing any dredging episode, a survey that: delineates the area(s) to be dredged with over depth allowances and showing existing depths; provides estimated quantities to be dredged for the project; and presents estimated quantities for over depth. All surveys shall be signed by the permittee to certify their accuracy. Please include all permit numbers and the dredge episode number. | Same | Same |
| USACE<br><br>(Solid Debris Mgmt. Plan) | 9) Submit no earlier than 60 calendar days and no later than 20 calendar days before commencement of work, a plan which describes measures to ensure that solid debris generated during the authorized work is retained and properly disposed of in areas not under USACE jurisdiction. At a minimum, the plan must include the following: source and expected type of debris; debris retrieval method; USACE permit number and dredge episode number; disposal method and site; schedule of disposal operations; and debris containment method to be used, if floatable debris is involved. | Same | Same |
| USACE<br><br>(Info. Log Req.) | 10) Submit on a weekly basis by noon Monday, a log describing work accomplished during the preceding week to: USACE, Regulatory Branch. This log may be sent by email attachment. Include the USACE permit number and dredge episode number. | Same | Same |
| USACE, USEPA<br>(Water Quality) | 11) During transportation from the dredging site to the disposal site, no material shall be permitted to overflow, leak or spill from barge, bins or dump scows. In approved sand dredging (beneficial reuse), overflow will not exceed 15 minutes or the economic load, whichever occurs first. | Same | Same<br>(USACE) |
| USACE, SFBRWQCB<br><br>(Water Quality) | 12) During dredging operations, overflow shall be limited to a maximum of 15 minutes for hopper dredges only. Adjustments to the dredging operation may be required to insure that once overflow commences, it will not exceed the 15-minute limit. | Same<br>(USACE only) | Same |

**Table G.1. Model Consolidated Dredging/Disposal Permit Conditions (Continued)**

| *Agency (-ies) (Category)* | *In-Bay Disposal* | *Ocean Disposal* | *Beneficial Reuse* |
|---|---|---|---|
| SFBRWQCB<br><br>(Water Quality) | 13) The permittee must provide information on water quality impacts of dredging and dredged material disposal under Section 13267 of the California Water Code. The permittee may elect to participate in the San Francisco Estuary Regional Monitoring Program for Trace Substances (RMP) by paying a fee of $0.22 per cubic yard of dredged material (calculated using pre- and post-dredging surveys as described in conditions 8 and 16) disposed in the Bay. The SFBRWQCB recognizes these payments as fulfilling requirements to provide information under Section 13267. | N/A | Same |
| BCDC<br><br>(Water Quality) | 14) Results of any effluent water quality or other testing required by the SFBRWQCB shall be submitted in writing to BCDC's office at the same time that such testing is submitted to the SFBRWQCB. | Same | Same |
| USACE, BCDC<br><br>(Water Quality) | 15) For each dredging episode authorized herein, the permittee shall obtain water quality certification or waiver from the SFBRWQCB. <u>At least 60 days prior to the commencement of any dredging episode</u>, the permittee shall submit evidence of this certification or waiver to BCDC and USACE.<br><br>BCDC's Executive Director, upon review of SFBRWQCB certification or waiver, may either: (1) approve the dredging episode(s); or (2) amend BCDC's approval to modify existing or include additional conditions related to water quality. If BCDC's permit is amended to change or add conditions, this permit shall become null and void unless the permittee agrees to amend the authorization in a manner specified by or on behalf of BCDC.<br><br>Failure to obtain SFBRWQCB certification or waiver prior to the commencement of a dredging episode(s) shall terminate BCDC and USACE authorization for that dredging episode. Water quality certification and BCDC authorization are a prerequisite to the USACE District Engineer's decision to approve or disapprove specific dredging episodes pursuant to the policies and procedures of 33 CFR 325.2(b)(1)(ii) and 325.2(b)(2)(ii). | Same | Same<br>Condition |

**Table G.1. Model Consolidated Dredging/Disposal Permit Conditions (Continued)**

| *Agency (-ies) (Category)* | *In-Bay Disposal* | *Ocean Disposal* | *Beneficial Reuse* |
|---|---|---|---|
| USACE, BCDC<br><br>(Post-Dredging Report) | 16) Post-Dredging Report: Submit within 15 days of the last dredging activity (last is defined as that activity after which no further activity occurs for 15 calendar days), a report which contains:<br>a) A bathymetric map with accuracy to one-tenth foot showing the location of all areas authorized to be dredged, the maximum authorized depth, relative to Mean Lower Low Water (MLLW), and any dredging that occurred outside the area(s) authorized or below the authorized depth(s). All surveys shall be accomplished by a licensed surveyor and signed by the permittee to certify their accuracy.<br>b) A vicinity map showing the disposal site.<br>c) Actual volumes of material dredged (including actual quantities of over depth) and disposed. The permittee shall substantiate the total quantity dredged by including calculations used to determine the volume difference (in cubic yards) between pre- and post-dredging surveys and explain any variation in quantities greater than 15% beyond estimated quantities.<br>d) All permit numbers and dredge episode number, if appropriate.<br>e) Dates of dredging commencement and completion.<br>f) A copy of the post-dredge survey should be sent to the National Ocean Service for chart updating: NOAA/National Ocean Service, Map and Chart Branch, (Attention: N/CG2211), SSMC3, Room 6211, 1315 East West Hwy, Silver Spring, Maryland 20910.<br>NOTE: The regulatory agencies reserve the right to have the post-dredging report inspected by a reliable third party, in order to verify the contents of the report. If this third party—selected by or on behalf of BCDC and USACE—indicates that the report is inaccurate, the regulatory agencies may require the permittee to submit a revised report that meets the requirements of this condition. If the agencies determine that work has occurred beyond that authorized by the permit, such violation may result in an initiation of an enforcement action by or on behalf of these agencies. | Same | Same |

**Table G.1. Model Consolidated Dredging/Disposal Permit Conditions (Continued)**

| *Agency (-ies) (Category)* | *In-Bay Disposal* | *Ocean Disposal* | *Beneficial Reuse* |
|---|---|---|---|
| SFBRWQCB<br><br>(Receiving Water Limitations) | 17) The following permit conditions are included in Waste Discharge Requirements (WDRs), but not in Water Quality Certifications (WQCs). The SFBRWQCB only issues WQCs if it is believed that these conditions will not be violated.<br>a) The dredging and disposal activities shall not create a nuisance as defined in Section 13050(m) of the California Water Code.[1]<br>b) The discharge of waste shall not cause the following conditions to exist in waters of the State that cause a nuisance or adversely affect beneficial uses at any place:<br>i. Floating, suspended, or deposited macroscopic particulate matter or foam;<br>ii. Aquatic growths;<br>iii. Significant alteration of temperature, turbidity, or apparent color beyond present natural background levels;<br>iv. Visible, floating, suspended, or deposited oil or other products of petroleum origin;<br>v. Toxic or other deleterious substances to be present in concentrations or quantities which will cause deleterious effects on aquatic biota, wildlife, or waterfowl, or which render any of these unfit for human consumption either at levels created in receiving waters or as a result of biological concentration.<br>c) The discharge of waste shall not cause the following limits to be exceeded on waters of the State in any place within one foot of the water surface:<br>i. Dissolved Oxygen 5.0 mg/l minimum.<br>Median of any three consecutive months shall not be less than 80% saturation. When natural factors cause lesser concentration(s) than those specified above, then this discharge shall not cause further reduction in the concentration of dissolved oxygen.<br>ii. Dissolved sulfides 0.1 mg/L maximum<br>iii. pH Variation from natural ambient pH by more than 0.5 pH units.<br>iv. Un-ionized ammonia 0.025 mg/L as an Annual Median:0.16 mg/L as an Annual Maximum | N/A | Same |

**Table G.1. Model Consolidated Dredging/Disposal Permit Conditions (Continued)**

| *Agency (-ies) (Category)* | *In-Bay Disposal* | | *Ocean Disposal* | *Beneficial Reuse* |
|---|---|---|---|---|
| SFBRWQCB<br><br>(Receiving Water Limitations)<br>continued | v. Turbidity | The turbidity of the waters of the state at any point beyond 200 feet outside of the disposal area shall not increase above the background levels by more than the following: | N/A | Same |
| | Receiving Water Background | Incremental Increase | | |
| | < 50 units | 5 units, maximum | | |
| | 50 - 100 units | 10 units, maximum | | |
| | > 100 units background maximum | 10% of background, maximum | | |
| | The discharge shall not cause a violation of any applicable water quality objectives for receiving waters adopted by SFBRWQCB and the State Water Resources Control Board as required by the Clean Water Act and regulations adopted thereunder.[2] If more stringent applicable water quality standards are promulgated or approved pursuant to Section 303 of the Clean Water Act, or amendments thereto, the Board will revise and modify this Order in accordance with such more stringent standards. | | | |
| | ---------- | | | |
| | 1. Section 13050(m) defines nuisance as:<br>(1) Is injurious to health, or is indecent, offensive to the senses, or an obstruction to the free use of property, so as to interfere with the comfortable enjoyment of life or property.<br>(2) Affects at the same time an entire community or neighborhood, or any considerable number of persons, although the extent of the annoyance or damage inflicted upon individuals may be unequal.<br>(3) Occurs during, or as a result of, the treatment or disposal of wastes. | | | |
| | 2. Disposal Site Volume Targets: The discharger shall comply with the volume targets contained in the Board's June 21, 1995 Basin Plan or until the Basin Plan or this Order are revised. | | | |

**Table G.1. Model Consolidated Dredging/Disposal Permit Conditions (Continued)**

| ***Agency (-ies) (Category)*** | ***In-Bay Disposal*** | ***Ocean Disposal*** | ***Beneficial Reuse*** |
|---|---|---|---|
| USACE<br><br>(Dredge/Disposal Operation Issues) | 18) The permittee shall ensure that all dredged material is slurried prior to disposal to prevent any accumulation or build up of material at the disposal site. All dredged material shall be slurried in the following manner: Dredged material will be either pumped with a centrifugal pump prior to leaving the dredge site for the disposal site; or, if the material is clamshell dredged, passed through a debris grid, with a maximum opening size of 12 inches by 12 inches which will cover the entire loading area of the dump scow. Everything that does not pass through the grid will be considered solid debris and must be disposed of in areas outside of USACE jurisdiction (disposal of this material should be addressed in the Solid Debris Management Plan). All such material shall be promptly removed from the grid at the end of each 8 hour shift or sooner. | N/A | N/A |
| | 19) The permittee or dredge contractor must inform the USACE Regulatory Office when a dredge episode actually commences, is suspended (suspension is when the dredge contractor leaves the dredge site for more than 48 hours for reasons other than equipment maintenance), is restarted and the actual date of completion. Each notification should include the USACE permit number and dredge episode number. The information can be sent, to the USACE Regulatory Branch and sent to the attention of the Dredge Material Manager, FAXed to (415) 977-8343; or via telephone at (415) 977-8438. | Same | Same |
| | 20) The permittee, as directed by the District Engineer, under authority pursuant to the policies and procedures of 33 CFR 325.7, may be required to modify disposal schedules and/or monthly disposal quantities for particular dredging episodes. | N/A | N/A |
| USACE, BCDC, SFBRWQCB<br><br>(Dredge/Disposal Operation Issues) | 21) The permittee must allow staff or representatives of the USACE and BCDC or representatives of other state or federal agencies access to the dredging area, dredge or barge, disposal site and other areas associated with this permit to ensure that the dredging and/or disposal activity is consistent with the terms and conditions of the permit. | Same | Same |

**Table G.1. Model Consolidated Dredging/Disposal Permit Conditions (Continued)**

| *Agency (-ies) (Category)* | *In-Bay Disposal* | *Ocean Disposal* | *Beneficial Reuse* |
|---|---|---|---|
| BCDC, SFBRWQCB<br><br>(Work Windows) | 24) To protect important fisheries or migrating anadromous fish species, no dredging in the Central or South Bay may occur between December 1 and March 1 of any year during the duration of this permit, unless CDFG and BCDC provide written approval prior to the commencement of the dredging during the closure period.<br><br>BCDC approval of any dredging activities between December 1 and March 1 of any year shall be made by or on behalf of BCDC only upon the finding that: (1) a dredging or disposal operation which was begun prior to December 1 of any year could not be completed by the December 1 deadline due to unforeseen delays; (2) a professional biologist, or other individual sufficiently competent to identify herring spawning activity, is at the project site during all dredging operations; and (3) if herring spawning is detected at or within 200 meters of the dredging operations by the permittee's on-site biologist or qualified staff person, CDFG personnel, or BCDC staff, all dredging will cease for a minimum of 14 days or until it can be determined that the herring hatch has been completed and larval herring concentrations have left the site. To facilitate rapid and efficient communication under these circumstances, the permittee shall provide BCDC staff and CDFG personnel with all necessary telephone, FAX, and pager numbers. Dredging may be resumed thereafter at the sole discretion of the permittee and BCDC staff, but shall be terminated no later than December 31 of that year, or if further spawning takes place at the site.<br><br>If dredging operations are interrupted due to the presence of a herring spawn, they may resume only after notification by the regulatory agencies. | Same | Same |
| USACE, BCDC, SFBRWQCB<br><br>(Work Windows) | 25) No work inconsistent with the time and location limits contained in Tables F-1 and F-2 of Appendix F to the LTMS Management Plan may be conducted without the written approval of the BCDC Executive Director, provided that such approval may only be issued after (1) BCDC consults with the USFWS, NMFS, or CDFG, or any combination thereof, as determined by the Executive Director; and (2) any required consultation with the appropriate resource agencies pursuant to state or federal endangered species acts has been completed. Such approval, if granted, shall not affect the permittee's obligation to comply with all applicable federal and state laws. | Same | Same |

**Table G.1. Model Consolidated Dredging/Disposal Permit Conditions (Continued)**

| *Agency (-ies) (Category)* | *In-Bay Disposal* | *Ocean Disposal* | *Beneficial Reuse* |
|---|---|---|---|
| USACE, BCDC, SFBRWQCB<br>(Limits on Dredging) | 26) The permit authorizes dredging within area(s) as shown on Exhibit X. No dredging in other areas is authorized. | Same | Same |
| BCDC<br>(Dredging Schedule) | 27) The dredging authorized by this permit shall be completed within five years of the date of issuance. No further dredging is authorized by this permit. | Same | Same |
| USACE, BCDC, SFBRWQCB<br>(Disposal Site Limitations) | 28) Alcatraz (SF-11): 4.0 mcy/year (0.4 mcy/month from October to April; 0.3 mcy/month from May to September)<br>Carquinez Strait (SF-9): 2.0 to 3.0 mcy/year (1.0 mcy in any one month)<br>San Pablo Bay (SF-10): 0.5 mcy/year (and in any one month) | N/A | N/A |
| USACE, USEPA<br>(Restrictions/ Provisions) | 29) (a) Use of SF-DODS: Adherence to the provisions of the most current SMMP Implementation Manual, including mandatory permit conditions, Site monitoring activities, and any other condition(s) USEPA or the USACE have required as part of the project authorization or permit, is a requirement for use of the SF-DODS.<br>(b) Types and Capacity of Disposed Materials: Site disposal capacity is 4.8 million cubic yards of suitable dredged material per year for the remaining period of site designation. This limit is based on considerations in the LTMS for the placement of dredged material within the San Francisco Bay Region, and on monitoring of site use since the SF-DODS was designated in 1994.<br>(c) Permit/Project Conditions: Mandatory Conditions, Project-Specific-Conditions and Alternative Permit/Project Conditions required. Permits to use the SF-DODS are described below. | N/A | N/A |

**Table G.1. Model Consolidated Dredging/Disposal Permit Conditions (Continued)**

| *Agency (-ies) (Category)* | *In-Bay Disposal* | *Ocean Disposal* | *Beneficial Reuse* |
|---|---|---|---|
| USACE<br><br>(Coordination) | 22) For each dredging episode (in multi-episode permits), the permittee must provide a copy of the Dredged Material Analysis Report to the U.S. Fish and Wildlife Service (USFWS), National Marine Fisheries Service (NMFS), and California Department of Fish and Game (CDFG) concurrent with the USACE's receipt of this information. Agency comments submitted to USACE within 15 calendar days will be given full consideration in the decision on dredged material disposal. | Same | Same |
| BCDC, USACE<br><br>(Disposal Alternatives) | 23) If an alternative to in-Bay disposal becomes available for use during the period of the permit, at least 60 days prior to the commencement of any in-Bay disposal episode authorized herein, the permittee must evaluate these alternatives and shall submit a written statement discussing the feasibility of using such alternatives.<br><br>For purposes of the USACE, the permittee must evaluate these alternatives, taking into consideration cost, existing technology, and logistics in light of the overall project purpose to facilitate compliance with the 404(b)(1) Guidelines. The District Engineer, upon review of this information and after consultation with other agencies, may direct the permittee to use such sites in lieu of or in addition to the specified in-Bay disposal site (Alcatraz, Carquinez, San Pablo, etc.) under authority of 33 CFR 325.7 and 40 CFR 230.10(a).<br><br>For BCDC, if use of alternatives is infeasible, the evaluation shall discuss how the proposed in-Bay disposal is consistent with the USACE's management of the disposal site so as to maintain adequate site capacity. BCDC's authorization for the dredging and disposal episode shall become effective only when either: (1) the Executive Director informs the permittee in writing that he or she has determined that the episode is consistent with the authorization provided herein, that there is no feasible upland alternative available for the dredged material, that sufficient capacity exists at the disposal site consistent with the long-term management of the disposal site, and that the material is suitable for in-Bay disposal; or (2) the Executive Director does not respond to the permittee's written statement within 30 days of its receipt. If the Executive Director either: (1) determines that ocean or upland disposal of the material is feasible; (2) determines that the material is unsuitable for in-Bay disposal; or (3) is informed by the USACE that the proposed disposal would unacceptably reduce disposal site capacity, then such determination shall terminate BCDC's authorization for in-Bay disposal as part of that dredging episode. | N/A | N/A |

**Table G.1. Model Consolidated Dredging/Disposal Permit Conditions (Continued)**

| Agency (-ies) (Category) | Ocean Disposal | In-Bay Disposal | Beneficial Reuse |
|---|---|---|---|
| USACE, USEPA<br><br>(Mandatory, Project-Specific, and Alternative Permit Project Conditions) | 30) (a) Mandatory Conditions: All permits or federal project authorizations authorizing use of the SF-DODS shall include the following conditions, unless approval for an Alternative Permit Condition is sought and granted, as described later in Section (c).<br><br>i. Transportation of dredged material to the SF-DODS shall only be allowed when weather and sea state conditions will not interfere with safe transportation and will not create risk of spillage, leak or other loss of dredged material in transit to SF-DODS. No disposal trips shall be initiated when the National Weather Service has issued a gale warning. For local waters during the time necessary period necessary to complete dumping operations, or when wave heights are 16 feet or greater. The permittee must consult the most current version of the SMMP Implementation Manual for additional restrictions and/or clarifications regarding other sea state parameters, including, but not limited to wave period.<br><br>ii. All vessels used for dredged material transportation and disposal must be loaded to no more than 80 percent by volume of the vessel. Before any disposal vessel departs for the SF-DODS, an independent quality control inspector must certify in writing that the vessel meets the conditions and requirements of a certification checklist that contains all of the substantive elements found in the example contained in the most current SMMP Implementation Manual. For purposes of this condition (ii), "independent" means not an employee of the permittee or dredging contractor; however, the USACE may provide inspectors for USACE dredged material disposal projects.<br><br>iii. Dredged material shall not be leaked or spilled from disposal vessels during transit to SF-DODS.<br><br>iv. Disposal vessels in transit to and from the SF-DODS should remain at least three nautical miles from the Farallon Islands whenever possible. Closer approaches should occur only in situations where the designated vessel traffic lane enters the area encompassed by the 3-mile limit. In no case may disposal vessels leave the designated vessel traffic lanes.<br><br>v. When dredged material is discharged within the SF-DODS, no portion of the vessel from which the materials are to be released (e.g., hopper dredge or towed | N/A | N/A |

**Table G.1. Model Consolidated Dredging/Disposal Permit Conditions (Continued)**

| Agency (-ies) (Category) | Ocean Disposal | In-Bay Disposal | Beneficial Reuse |
|---|---|---|---|
| USACE, USEPA<br><br>(Mandatory, Project-Specific, and Alternative Permit Project Conditions)<br>continued | barge) can be further than 1,900 feet (600 meters) from the center of the target area at 37° 39'N, 123° 29'W.<br><br>vi. No more than one disposal vessel may be present within the permissible dumping target referred to in Condition v above.<br><br>vii. Disposal vessels shall use an appropriate navigation system capable of indicating the position of the vessel carrying dredged material (for example, a hopper dredge vessel or towed barge) with a minimum accuracy and precision of 100 feet during all disposal operations. The system must also indicate the opening and closing of the doors of the vessel carrying the dredged material. If the positioning system fails, all disposal operations must cease until the navigational capabilities are restored. A back-up navigation system, with all capabilities listed in this condition, must be in-place on the vessel carrying the dredged material.<br><br>viii. The permittee shall maintain daily records of the amount of material dredged and loaded into barges for disposal, the times that disposal vessels depart for, arrive at and return from SF-DODS during each vessel trip. The permittee shall further record wind and sea state observations at intervals to be established in the permit.<br><br>ix. For each disposal vessel trip, the permittee shall maintain a computer printout from a Global Positioning System or other acceptable navigation system showing transit routes and disposal coordinates, including the time and position of the disposal vessel when dumping was commenced and completed.<br><br>x. An independent quality control inspector (as defined in Condition ii) shall observe all dredging and disposal operations. The inspector shall verify the information required in Conditions viii and ix of this section. The inspector shall promptly inform permittees of any inaccuracies or discrepancies concerning this information and shall prepare summary reports, which summarize all such inaccuracies or discrepancies concerning this information, from time to time as shall be specified in permits. Such summary reports shall be sent by the permittee to the District Engineer and the Regional Administrator within a time interval that shall be specified in the permit.<br><br>xi. The permittee shall report any anticipated or actual permit violations to the District Engineer and the Regional Administrator within 24 Hours of discovering | N/A | N/A |

**Table G.1. Model Consolidated Dredging/Disposal Permit Conditions (Continued)**

| Agency (-ies) (Category) | Ocean Disposal | In-Bay Disposal | Beneficial Reuse |
|---|---|---|---|
| USACE, USEPA<br><br>(Mandatory, Project-Specific, and Alternative Permit Project Conditions)<br>continued | such violations. If any anticipated or actual permit violations occur within the Gulf of Farallones or the Monterey Bay National Marine Sanctuaries, the permittee must also report any such violation to the respective Sanctuary Manager within 24 hours.<br><br>xii. Permittees, and the USACE in its Civil Works projects, must make arrangements for independent observers to be present on disposal vessels for the purpose of conducting shipboard surveys of seabirds and marine mammals. Observers shall employ standardized monitoring protocols, as referenced in the most current SMMP Implementation Manual. At a minimum, permittees shall ensure that independent observers are present <u>on at least one disposal trip during each calendar month that disposal occurs</u>, AND <u>on average at least once every 25 vessel trips to the SF-DODS.</u><br><br>xiii. At the completion of short-term dredging projects, at least annually for ongoing projects, and at any other time or interval requested by the District Engineer or Regional Administrator, permittees shall prepare and submit to the District Engineer and Regional Administrator a report that includes complete records of all dredging, transport and disposal activities, such as navigation logs, disposal coordinates, scow certification checklists, and other information required by permit conditions. Electronic data submittals may be required to conform to a format specified by the agencies.<br><br>(b) <u>Project-Specific Conditions</u>: Permits or federal project authorizations authorizing use of the SF-DODS may include the following conditions, if USEPA determines these conditions are necessary to facilitate safe use of the SF-DODS, the prevention of potential harm to the environment or accurate monitoring of site use:<br><br>i. Permittees may be required to limit the speed of disposal vessels in-transit to the SF-DODS to a rate that is safe under the circumstances and will prevent the spillage of dredged materials.<br><br>ii. Permittees may be required to use automated data logging systems for recording navigation and disposal coordinates and/or load levels throughout disposal trips when such systems are feasible and represent an improvement over manual recording methodologies. | N/A | N/A |

**Table G.1. Model Consolidated Dredging/Disposal Permit Conditions (Continued)**

| Agency (-ies) (Category) | Ocean Disposal | In-Bay Disposal | Beneficial Reuse |
|---|---|---|---|
| USACE, USEPA<br><br>(Mandatory, Project-Specific, and Alternative Permit Project Conditions)<br>continued | iii. Any other conditions that USEPA or the USACE determine to be necessary or appropriate to facilitate compliance with the requirements of the MPRSA and this rule may be included in site use permits.<br><br>(c) Alternative Permit/Project Conditions: Alternatives to the permit conditions (specified in "Permit/Project Conditions" Mandatory Conditions and Project-Specific Conditions) in a permit or federal authorization may be authorized if the permittee demonstrates to the District Engineer and the Regional Administrator that the alternative conditions are sufficient to accomplish the specific intended purpose of the permit condition in issue and further demonstrates that the waiver will not increase the risk of harm to the environment., the health, or safety of persons, nor will impede monitoring of compliance with the MPRSA, regulations promulgated under the MPRSA, or any permit issued under the MPRSA.<br><br>i. Site Monitoring: Data shall be collected in accordance with a three-tiered site monitoring program which consists of three interdependent types of monitoring for each tier: physical, chemical and biological (both pelagic and benthic communities). In addition, periodic confirmatory monitoring concerning potential site contamination shall be performed.<br><br>NOTE: Specific guidance for site monitoring tasks (Tier 1, Tier 2, and Tier 3) are described in the SMMP Implementation Manual developed by USEPA. The SMMP is also discussed in the LTMS Management Plan. | N/A | N/A |

**Table G.1. Model Consolidated Dredging/Disposal Permit Conditions (Continued)**

| Agency (-ies) (Category) | Ocean Disposal | In-Bay Disposal | Beneficial Reuse |
|---|---|---|---|
| | | N/A | N/A |
| BCDC<br><br>(LTMS Implementation) | 31) If, at any time during the effective life of this permit, BCDC's laws, policies, or regulations are changed in regards to dredging and dredged material disposal and beneficial reuse, pursuant to the findings and policies developed through the multi-agency LTMS, this permit shall become null and void unless the permittee agrees to amend this authorization to meet the new laws, policies, or regulations in a manner specified by or on behalf of BCDC after such changes in BCDC's laws policies, or regulations have become effective. | Same | Same |