# Appendix C – Draft Environmental Checklist for Issue 2

## I. Background

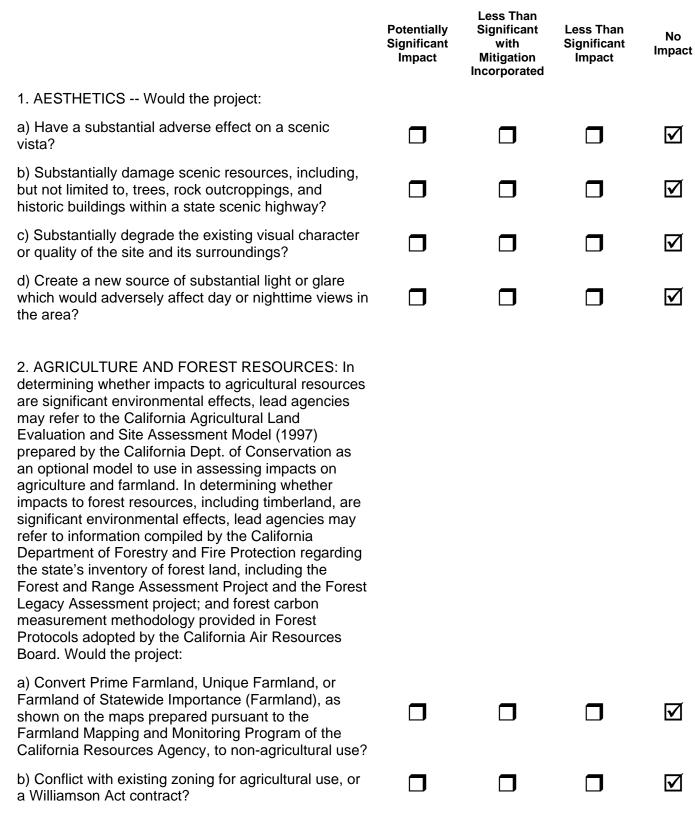
| Project Title:       | California Ocean Plan, Vessels        |
|----------------------|---------------------------------------|
| Lead Agency:         | State Water Resources Control Board   |
| Address:             | 1001 I Street<br>Sacramento, CA 95814 |
| Contact Person:      | Emily Siegel<br>(916/341-7338)        |
| Project Description: | See Substitute Environmental Document |

## **II.** Environmental Impacts

The environmental factors checked below could be potentially affected by this project. See the checklist on the following pages for more details.

| Aesthetics                  | Agriculture and Forestry<br>Resources | Air Quality                           |
|-----------------------------|---------------------------------------|---------------------------------------|
| Biological Resources        | Cultural Resources                    | Geology/Soils                         |
| Greenhouse Gas<br>Emissions | Hazards & Hazardous Materials         | Hydrology/Water Quality               |
| Land Use/Planning           | Mineral Resources                     | Noise                                 |
| Population/Housing          | Public Services                       | Recreation                            |
| Transportation/Traffic      | Utilities/Service Systems             | Mandatory Findings of<br>Significance |

#### ISSUES



| Potentially<br>Significant<br>Impact | Less Than<br>Significant<br>with<br>Mitigation<br>Incorporated | Less Than<br>Significant<br>Impact    | No<br>Impact  |
|--------------------------------------|--|---------------------------------------|---|
|                                      |  |                                       | V   |
|                                      |  |                                       | $\checkmark$  |
|                                      |  |                                       | V   |
|                                      |  |                                       |   |
|                                      |  |                                       | $\checkmark$  |
|                                      |  |                                       | V   |
|                                      |  |                                       | V   |
|                                      |  |                                       | $\checkmark$  |
|                                      |  |                                       | V   |
|                                      |  |                                       |   |
|                                      |  |                                       | V   |
|                                      | Significant  | Significant with<br>Impact Mitigation | Potentially Significant Less Than<br>Significant with Significant<br>Impact Mitigation Impact |

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| species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?  |                                      |  |                                    |              |
| b) Have a substantial adverse effect on any riparian<br>habitat or other sensitive natural community identified<br>in local or regional plans, policies, regulations or by<br>the California Department of Fish and Game or US<br>Fish and Wildlife Service?                     |                                      |  |                                    | V            |
| c) Have a substantial adverse effect on federally<br>protected wetlands as defined by Section 404 of the<br>Clean Water Act (including, but not limited to, marsh,<br>vernal pool, coastal, etc.) through direct removal,<br>filling, hydrological interruption, or other means? |                                      |  |                                    | V            |
| d) Interfere substantially with the movement of any<br>native resident or migratory fish or wildlife species or<br>with established native resident or migratory wildlife<br>corridors, or impede the use of native wildlife nursery<br>sites?                                   |                                      |  |                                    | V            |
| e) Conflict with any local policies or ordinances<br>protecting biological resources, such as a tree<br>preservation policy or ordinance?  |                                      |  |                                    | V            |
| f) Conflict with the provisions of an adopted Habitat<br>Conservation Plan, Natural Community Conservation<br>Plan, or other approved local, regional, or state<br>habitat conservation plan?  |                                      |  |                                    | V            |
| 5. CULTURAL RESOURCES Would the project:   |                                      |  |                                    |              |
| a) Cause a substantial adverse change in the significance of a historical resource as defined in §Section 15064.5?   |                                      |  |                                    | $\checkmark$ |
| b) Cause a substantial adverse change in the<br>significance of an archaeological resource pursuant to<br>§Section 15064.5?  |                                      |  |                                    | V            |
| <ul> <li>c) Directly or indirectly destroy a unique<br/>paleontological resource or site or unique geologic<br/>feature?</li> </ul>  |                                      |  |                                    | $\checkmark$ |
| d) Disturb any human remains, including those interred outside of formal cemeteries?   |                                      |  |                                    | V            |

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| 6. GEOLOGY AND SOILS Would the project:   |                                      |  |                                    |              |
| a) Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:  |                                      |  |                                    | V            |
| i) Rupture of a known earthquake fault, as delineated<br>on the most recent Alquist-Priolo Earthquake Fault<br>Zoning Map issued by the State Geologist for the area<br>or based on other substantial evidence of a known<br>fault? Refer to Division of Mines and Geology Special<br>Publication 42. |                                      |  |                                    | V            |
| ii) Strong seismic ground shaking?  |                                      |  |                                    | $\checkmark$ |
| iii) Seismic-related ground failure, including liquefaction?  |                                      |  |                                    | $\checkmark$ |
| iv) Landslides?   |                                      |  |                                    | $\checkmark$ |
| b) Result in substantial soil erosion or the loss of topsoil?   |                                      |  |                                    | $\checkmark$ |
| c) Be located on a geologic unit or soil that is<br>unstable, or that would become unstable as a result of<br>the project, and potentially result in on- or off-site<br>landslide, lateral spreading, subsidence, liquefaction<br>or collapse?  |                                      |  |                                    | V            |
| d) Be located on expansive soil, as defined in Table 19-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?  |                                      |  |                                    | V            |
| e) Have soils incapable of adequately supporting the<br>use of septic tanks or alternative waste water disposal<br>systems where sewers are not available for the<br>disposal of waste water?   |                                      |  |                                    | V            |
| <ul><li>7. GREENHOUSE GAS EMISSIONS Would the project:</li><li>a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?</li></ul>  |                                      |  | V                                  |              |

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|                                      |  |  |   |
|                                      |  |  | V   |
|                                      |  |  | V   |
|                                      |  |  | V   |
|                                      |  |  | V   |
|                                      |  |  | Ø   |
|                                      |  |  | $\checkmark$  |
|                                      |  |  | $\checkmark$  |
|                                      |  |  | Ø   |
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| 9. HYDROLOGY AND WATER QUALITY Would the project:  |                                      | ·  |                                    |              |
| a) Violate any water quality standards or waste<br>discharge requirements?   |                                      |  |                                    | $\checkmark$ |
| b) Substantially deplete groundwater supplies or<br>interfere substantially with groundwater recharge such<br>that there would be a net deficit in aquifer volume or a<br>lowering of the local groundwater table level (e.g., the<br>production rate of pre-existing nearby wells would<br>drop to a level<br>which would not support existing land uses or planned<br>uses for which permits have been granted)? |                                      |  |                                    | V            |
| c) Substantially alter the existing drainage pattern of<br>the site or area, including through the alteration of the<br>course of a stream or river, in a manner which would<br>result in substantial erosion or siltation on- or off-site?  |                                      |  |                                    | V            |
| d) Substantially alter the existing drainage pattern of<br>the site or area, including through the alteration of the<br>course of a stream or river, or substantially increase<br>the rate or amount of surface runoff in a manner<br>which would result in flooding on- or off-site?  |                                      |  |                                    | V            |
| e) Create or contribute runoff water which would<br>exceed the capacity of existing or planned stormwater<br>drainage systems or provide substantial additional<br>sources of polluted runoff?   |                                      |  |                                    | V            |
| f) Otherwise substantially degrade water quality?  |                                      |  |                                    | $\checkmark$ |
| g) Place housing within a 100-year flood hazard area<br>as mapped on a federal Flood Hazard Boundary or<br>Flood Insurance Rate Map or other flood hazard<br>delineation map?  |                                      |  |                                    | V            |
| h) Place within a 100-year flood hazard area<br>structures which would impede or redirect flood flows?   |                                      |  |                                    | $\checkmark$ |
| <ul> <li>i) Expose people or structures to a significant risk of<br/>loss, injury or death involving flooding, including<br/>flooding as a result of the failure of a levee or dam?</li> </ul>   |                                      |  |                                    | V            |
| j) Inundation by seiche, tsunami, or mudflow?  |                                      |  |                                    | $\checkmark$ |

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| 10. LAND USE AND PLANNING - Would the project:   |                                      |  |                                    |              |
| a) Physically divide an established community?   |                                      |  |                                    | $\checkmark$ |
| b) Conflict with any applicable land use plan, policy, or<br>regulation of an agency with jurisdiction over the<br>project (including, but not limited to the general plan,<br>specific plan, local coastal program, or zoning<br>ordinance) adopted for the purpose of avoiding or<br>mitigating an environmental effect? |                                      |  |                                    | V            |
| c) Conflict with any applicable habitat conservation<br>plan or natural community conservation plan?   |                                      |  |                                    | V            |
| 11. MINERAL RESOURCES Would the project:   |                                      |  |                                    |              |
| a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?   |                                      |  |                                    | V            |
| b) Result in the loss of availability of a locally-<br>important mineral resource recovery site delineated<br>on a local general plan, specific plan or other land use<br>plan?  |                                      |  |                                    | V            |
| 12. NOISE Would the project result in:   |                                      |  |                                    |              |
| a) Exposure of persons to or generation of noise<br>levels in excess of standards established in the local<br>general plan or noise ordinance, or applicable<br>standards of other agencies?   |                                      |  |                                    | V            |
| b) Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels?  |                                      |  |                                    | $\checkmark$ |
| c) A substantial permanent increase in ambient noise<br>levels in the project vicinity above levels existing<br>without the project?   |                                      |  |                                    | V            |
| d) A substantial temporary or periodic increase in<br>ambient noise levels in the project vicinity above<br>levels existing without the project?   |                                      |  | V                                  |              |
| e) For a project located within an airport land use plan   |                                      |  |                                    |              |

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| or, where such a plan has not been adopted, within<br>two miles of a public airport or public use airport,<br>would the project expose people residing or working<br>in the project area to excessive noise levels?  |                                      |  |                                    |              |
| f) For a project within the vicinity of a private airstrip,<br>would the project expose people residing or working<br>in the project area to excessive noise levels?   |                                      |  |                                    |              |
| 13. POPULATION AND HOUSING Would the project:  |                                      |  |                                    |              |
| a) Induce substantial population growth in an area,<br>either directly (for example, by proposing new homes<br>and businesses) or indirectly (for example, through<br>extension of roads or other infrastructure)?   |                                      |  |                                    | V            |
| b) Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?  |                                      |  |                                    | $\checkmark$ |
| c) Displace substantial numbers of people,<br>necessitating the construction of replacement housing<br>elsewhere?  |                                      |  |                                    | $\checkmark$ |
| 14. PUBLIC SERVICES  |                                      |  |                                    |              |
| a) Would the project result in substantial adverse<br>physical impacts associated with the provision of new<br>or physically altered governmental facilities, need for<br>new or physically altered governmental facilities, the<br>construction of which could cause significant<br>environmental impacts, in order to maintain<br>acceptable service ratios, response times or other<br>performance objectives for any of the public services: |                                      |  |                                    |              |
| Fire protection?   |                                      |  |                                    | $\checkmark$ |
| Police protection?   |                                      |  |                                    | $\checkmark$ |
| Schools?   |                                      |  |                                    | $\checkmark$ |
| Parks?   |                                      |  |                                    | $\checkmark$ |
| Other public facilities?   |                                      |  |                                    | $\checkmark$ |

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| 15. RECREATION  |                                      |  |                                    |              |
| a) Would the project increase the use of existing<br>neighborhood and regional parks or other recreational<br>facilities such that substantial physical deterioration of<br>the facility would occur or be accelerated?   |                                      |  |                                    |              |
| b) Does the project include recreational facilities or<br>require the construction or expansion of recreational<br>facilities which might have an adverse physical effect<br>on the environment?  |                                      |  |                                    | V            |
| 16. TRANSPORTATION/TRAFFIC Would the project:   |                                      |  |                                    |              |
| a) Exceed the capacity of the<br>existing circulation system, based on an<br>applicable measure of effectiveness (as<br>designated in a general plan policy, ordinance,<br>etc.), taking into account all relevant components<br>of the circulation system, including but limited to<br>intersections, streets, highways and freeways,<br>pedestrian and bicycle paths, and mass transit? |                                      |  |                                    | V            |
| b) Conflict with an applicable congestion management<br>program, including, but not limited to level of service<br>standards and travel demand measures, or other<br>standards established by the county congestion<br>management agency for designated roads or<br>highways?   |                                      |  |                                    | V            |
| c) Result in a change in air traffic patterns, including<br>either an increase in traffic levels or a change in<br>location that results in substantial safety risks?   |                                      |  |                                    | V            |
| d) Substantially increase hazards due to a design<br>feature (e.g., sharp curves or dangerous<br>intersections) or incompatible uses (e.g., farm<br>equipment)?   |                                      |  |                                    |              |
| e) Result in inadequate emergency access?   |                                      |  |                                    | $\checkmark$ |

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| f) Conflict with adopted policies, plans, or programs supporting alternative transportation (e.g., bus turnouts, bicycle racks)?  |                                      |  |                                    | V            |
| 17. UTILITIES AND SERVICE SYSTEMS Would the project:  |                                      |  |                                    |              |
| a) Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?   |                                      |  |                                    | $\checkmark$ |
| b) Require or result in the construction of new water<br>or wastewater treatment facilities or expansion of<br>existing facilities, the construction of which could<br>cause significant environmental effects?                               |                                      |  |                                    | V            |
| c) Require or result in the construction of new storm<br>water drainage facilities or expansion of existing<br>facilities, the construction of which could cause<br>significant environmental effects?  |                                      |  |                                    | V            |
| d) Have sufficient water supplies available to serve<br>the project from existing entitlements and resources,<br>or are new or expanded entitlements needed?  |                                      |  |                                    | V            |
| e) Result in a determination by the wastewater<br>treatment provider which serves or may serve the<br>project that it has adequate capacity to serve the<br>project's projected demand in addition to the<br>provider's existing commitments? |                                      |  |                                    | Ø            |
| f) Be served by a landfill with sufficient permitted<br>capacity to accommodate the project's solid waste<br>disposal needs?  |                                      |  |                                    | V            |
| g) Comply with federal, state, and local statutes and regulations related to solid waste?   |                                      |  |                                    | $\checkmark$ |
| h) Result in electrical transmission grid impacts?  |                                      |  |                                    | $\checkmark$ |

## **18. MANDATORY FINDINGS OF SIGNIFICANCE**

a) Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?

b) Does the project have limited, but cumulatively considerable" means th project are considerable with the effects of past current projects, and the projects)?

c) Does the project have will cause substantial ad beings, either directly or

### Explanations of Impact

Checklist items are discussed in Section 4 of this staff report.

#### PRELIMINARY STAFF DETERMINATION



The proposed project COULD NOT have a significant effect on the environment, and, therefore, no alternatives or mitigation measures are proposed.



The proposed project MAY have a significant or potentially significant effect on the environment, and therefore alternatives and mitigation measures have been evaluated.

| ve impacts that are individually<br>ly considerable? ("Cumulatively<br>hat the incremental effects of a<br>le when viewed in connection<br>projects, the effects of other<br>ne effects of probable future |             |          |  |
|--|-------------|----------|--|
| ve environmental effects which<br>adverse effects on human<br>or indirectly?   |             |          |  |
| ct Assessment (may also follow   | checklist s | ections) |  |
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