

MITIGATION MONITORING AND REPORTING PROGRAM FOR BALBOA RESERVOIR PROJECT

Measures Adopted as Conditions of Approval	Implementation Responsibility	Mitigation Schedule	Monitoring/Reporting Responsibility	Monitoring Actions/Schedule and Verification of Compliance
MITIGATION MEASURES FOR THE BALBOA RESERVOIR PROJECT				
<p>Mitigation Measure M-AQ-2a: Construction Emissions Minimization.</p> <p>In the case of the Developer's Proposed Option under the compressed three-year construction schedule or in the case of the Additional Housing Option under either the six-year construction schedule or the compressed three-year construction schedule, The project sponsor or the project sponsor's contractor shall comply with the following:</p> <p>A. <i>Engine Requirements.</i></p> <ol style="list-style-type: none">All off-road equipment greater than 25 horsepower shall have engines that meet Tier 4 Final off-road emission standards.Since grid power will be available, portable diesel engines shall be prohibited.Renewable diesel shall be used to fuel all diesel engines unless it can be demonstrated to the Environmental Review Officer (ERO) that such fuel is not compatible with on-road or off-road engines and that emissions of ROG and NOx from the transport of fuel to the project site will offset its NOx reduction potential.Diesel engines, whether for off-road or on-road equipment, shall not be left idling for more than two minutes, at any location, except as provided in exceptions to the applicable state regulations regarding idling for off-road and on-road equipment (e.g., traffic conditions, safe operating conditions). The contractor shall post legible and visible signs in English, Spanish, and Chinese, in designated queuing areas and at the construction site to remind operators of the two-minute idling limit.The contractor shall instruct construction workers and equipment operators on the maintenance and tuning of construction equipment, and require that such workers and operators properly maintain and tune equipment in accordance with manufacturer specifications. <p>B. <i>Waivers.</i> The ERO may waive the equipment requirements of subsection (A)(1) if: a particular piece of off-road equipment is technically not feasible; the equipment would not produce desired emissions reduction due to expected operating modes; installation of the equipment would create a safety hazard or impaired visibility for the operator; or, there is a compelling emergency need to use other off-road equipment. If the ERO grants the waiver, the contractor must use the next cleanest piece of off-road equipment, according to the table below.</p> <p>The ERO may waive the equipment requirements of Item A.1 if: a particular piece of off-road equipment with an engine meeting Tier 4 Final emission standards is not regionally available to the satisfaction of the ERO. If seeking a waiver from this requirement, the project sponsor must demonstrate to the satisfaction of the ERO that the health risks from existing sources, project construction and operation, and cumulative sources do not exceed a total of 10 µg/m3 or 100 excess cancer risks for any onsite or offsite receptor.</p> <p>The ERO may waive the equipment requirements of Item A.2 if: an application has been submitted to initiate onsite electrical power, portable diesel engines may be temporarily operated for a period of up to three weeks until onsite electrical power can be initiated or, there is a compelling emergency.</p> <p>C. <i>Construction Emissions Minimization Plan.</i> Before starting onsite ground disturbing, demolition, or construction activities, the contractor shall submit a Construction Emissions Minimization Plan to the ERO for review and approval. The plan shall state, in reasonable detail, how the contractor will meet the requirements of Section A, Engine Requirements.</p> <ol style="list-style-type: none">The Construction Emissions Minimization Plan shall include estimates of the construction timeline by phase, with a description of each piece of off-road equipment required for every construction phase. The description may include, but is not limited to: equipment type, equipment manufacturer, equipment identification number, engine model year, engine certification (tier rating), horsepower, engine serial number, and expected fuel usage and hours of operation. For off-road equipment using alternative fuels, the description shall also specify the type of alternative fuel being used.The project sponsor shall ensure that all applicable requirements of the Construction Emissions Minimization Plan have been incorporated into the contract specifications. The plan shall include a certification statement that the contractor agrees to comply fully with the plan.The contractor shall make the Construction Emissions Minimization Plan available to the public for review onsite during working hours. The contractor shall post at the construction site a legible and visible sign summarizing the plan. The sign shall also state that the public may ask to inspect the plan for the project at any time during working hours and shall explain how to request to inspect the plan. The contractor shall post at least one copy of the sign in a visible location on each side of the construction site facing a public right-of-way. <p>D. <i>Monitoring.</i> After start of construction activities, the contractor shall submit quarterly reports to the ERO documenting compliance with the Construction Emissions Minimization Plan. After completion of construction activities and prior to receiving a final certificate of occupancy, the project sponsor shall submit to the ERO a final report summarizing construction activities, including the start and end dates and duration of each construction phase, and the specific information required in the plan.</p>	Project sponsor and project sponsor's construction contractor	<p>Submit construction emissions minimization plan to Planning Department prior to issuance of construction site permit.</p> <p>Implement plan throughout construction period.</p> <p>Submit final plan after completion of construction activities and prior to receiving a final certificate of occupancy.</p>	<p>Planning Department (ERO) or their designee must review draft construction emissions minimization plan prior to issuance of first demolition or construction permit and approve final plan prior to the start of demolition or construction.</p> <p>ERO to review quarterly and final monitoring reports.</p>	<p>Considered complete upon Planning Department review and approval of documentation and completion of construction.</p>

Commented [WW(1)]: Under Impact AQ-2b (construction and operation overlapping), this mitigation measure would be required for both project options under the six-year schedule. Same option applies on Impact AQ-4. Correct? If correct, we should delete this commented language and just state “The project sponsor” and make these updates globally.

Please also double-check language is correct for other AQ mitigation measures.

Sorry for never catching this before. I suspect we wrote it this way because of Impact AQ-2a findings.

Commented [PJ(2R1)]: Susan and Brian confirmed that the language was developed for Impact AQ-2a but is needed for AQ-2b and AQ-4 for all scenarios and durations. This is a staff-initiated text change that needs to be listed in RTC chapter 5 as staff-initiated text changes to the DSEIR Summary and AQ chapters.

[This page intentionally left blank]