

Berths 97-109 Container Terminal



Final Supplemental Environmental Impact Report





Project Location





Project Overview

- The Berths 97 – 109 terminal is operated by West Basin Container Terminal, which is a joint venture between China Shipping/COSCO, Yang Ming and Ports America
- Permit No. 999 is with China Shipping (North American Holding Co., Ltd.) which runs until 2030, with three 5-year options to extend through 2045



Project Overview

- 2008 China Shipping EIS/EIR certified by the Board imposed 52 mitigation and 3 lease measures
- 42 out of 52 mitigation measures and two lease measures have been completed or are in progress
- 10 mitigation measures and one lease measure have not been fully implemented:
 - 6 air quality mitigation measures
 - 4 transportation mitigation measures
 - 1 throughput tracking lease measure



Project Overview

- Supplemental EIR (SEIR) re-evaluates the 10 mitigation measures, plus the one lease measure, based on feasibility, availability of alternative technologies, and need
- The impacts of the Project were then reassessed, using the proposed revised mitigation measures (Revised Project)
- New measures for Air Quality and Greenhouse Gases were also added as part of this analysis



CEQA Process

- Notice of Preparation (NOP) public review – September 2015
- NOP Scoping Meeting – October 2015
- Draft Supplemental EIR Public Review – June 2017
 - Public Hearing – July 2017
- Recirculated Draft Supplemental EIR Public Review – September 2018
 - Public Hearing – October 2018

Proposed Changes to Mitigation & Lease Measures

Original Measure	Revised Project
MM AQ-9: 100% AMP for China Shipping vessels	95% AMP for <i>all vessels</i> or equivalent technology
MM AQ-10: 100% VSRP out to 40 nm for all ships	95% VSRP out to 40 nm for all ships
MM AQ-15: Alt-fuel yard tractors meeting Tier 4 Final	Ultra-low NOx emission rate of 0.02 g/bhp-hr and Tier 4 Final for other pollutants
MM AQ-16: Tier 4 Final for equipment at rail yard	Combined with MM AQ-17
MM AQ-17: Tier 4 Final for yard equipment (diesel or alt-fuel) and electric RTGs at terminal plus electric yard tractor demonstration	Tier 4 Final for 18-ton forklifts and toppicks; electric 5-ton forklifts, alt-fuel sweeper(s), and zero emission shuttle buses; and electric RTGs (surcharge area) and diesel-electric hybrid RTGs. See LM AQ-3 for demonstration project.
MM AQ-20: 100% LNG heavy-duty drayage trucks	Recommended for removal (feasibility)
LM AQ-23: Throughput tracking	Recommended for removal (superseded by cleanest available equipment lease measure)

Proposed Changes to Mitigation & Lease Measures

Original Measure	Revised Project
MM TRANS-2: Modify Alameda St/Anaheim St by 2015	Modify intersection under revised schedule and in coordination with City's planned improvement at this location
MM TRANS-3: Modify John S Gibson Blvd/I-110 N/B ramps by 2015	Complete intersection under revised schedule with concurrence from LADOT
MM TRANS-4: Modify Fries Ave/Harry Bridges Blvd by 2015	Recommended for removal (no traffic impacts associated with project)
MM TRANS-6: Modify Navy Way and Seaside Ave by 2030	Recommended for removal (superseded by separate transportation project)
	LM AQ-1 (new): Cleanest Available Cargo Handling Equipment - Tenant must replace cargo handling equipment with cleanest available anytime new or replacement equipment is purchased, with a first preference for zero-emission equipment, a second preference for near-zero equipment, and then for the cleanest available if zero or near-zero equipment is not feasible.

Proposed Changes to Mitigation & Lease Measures

Original Measure	Revised Project
	LM AQ-2 (new): Priority Access for Drayage - A priority access system shall be implemented at the terminal to provide preferential access to zero- and near-zero-emission trucks.
	LM AQ-3 (new): Demonstration of Zero Emissions Equipment - Tenant shall conduct a one-year zero emission demonstration project with at least 10 units of zero-emission cargo handling equipment.
	MM GHG-1 (new): LED Lighting - All LED lighting within the interior of buildings and outdoor high mast terminal lighting by 2023.
	LM GHG-1 (new): Greenhouse Gas Fund - Tenant shall make contributions to a Greenhouse Gas Fund established by the LAHD in the amount of \$2,000,000, through payments of \$250,000 per year, for a total of eight years, for the funding of GHG reducing projects or the purchase of GHG emission reduction credits.



SEIR Findings

Air Quality: Peak Day Emissions

Revised Project

Significant and unavoidable for emissions of CO, VOC, and NO_x in multiple years. Less than significant for SO_x, PM₁₀, and PM_{2.5}.

Air Quality: Pollutant Concentrations

Revised Project

Exceeds AQMD thresholds for federal 1-hour NO₂ in 2014 and 2018, state 1-hour NO₂ in 2014, annual NO₂ in 2014 and 2018, 24-hour PM₁₀ in 2014-2045, and annual PM₁₀ in 2014-2045.



SEIR Findings

Health Risk: Maximum Receptor

Revised Project

Exceeds 10 in a million AQMD threshold at Occupational (26/million), Residential (25/million)*, and Sensitive (21/million) Receptors. Cancer burden less than AQMD threshold.

*Original EIS/EIR approved residential cancer risk of 11/million.

Greenhouse Gas Emissions

Revised Project

Exceeds AQMD 10,000 metric ton/year threshold for CO₂e in all study years (maximum of 139,336 metric tons of CO₂e in 2030).



SEIR Findings

GROUND TRANSPORTATION

- Significant and unavoidable traffic impact at intersection of Alameda and Anaheim Streets (SEIR recommends delay in implementation due to delayed impacts)

CUMULATIVE IMPACTS

- Cumulatively considerable in all 3 resource areas (air quality, GHG, and traffic) when combined with other projects in the area
- Cumulatively considerable traffic impact at John S. Gibson Boulevard at I-110 N/B Ramps



Public Comments

- Nine comment letters received on the Recirculated Draft SEIR:
 - Bureau of Sanitation (2)
 - Central San Pedro Neighborhood Council
 - Coastal San Pedro Neighborhood Council
 - Richard Havenick
 - Tony Briganti
 - Coalition for a Safe Environment
 - Natural Resources Defense Council
 - South Coast Air Quality Management District
- One verbal comment received at public hearing:
 - Jesse Marquez, Coalition for a Safe Environment



Next Steps

- Final SEIR will be posted online on September 5, 2019.
- Document will also be mailed to public agencies that commented.
- Board will consider the Final SEIR on October 8, 2019.