



THE PORT  
OF LOS ANGELES LA

AMERICA'S PORT®

# *Berth 191-194 (ECOCEM) Low-Carbon Cement Processing Facility Project Final Environmental Impact Report (FEIR)*

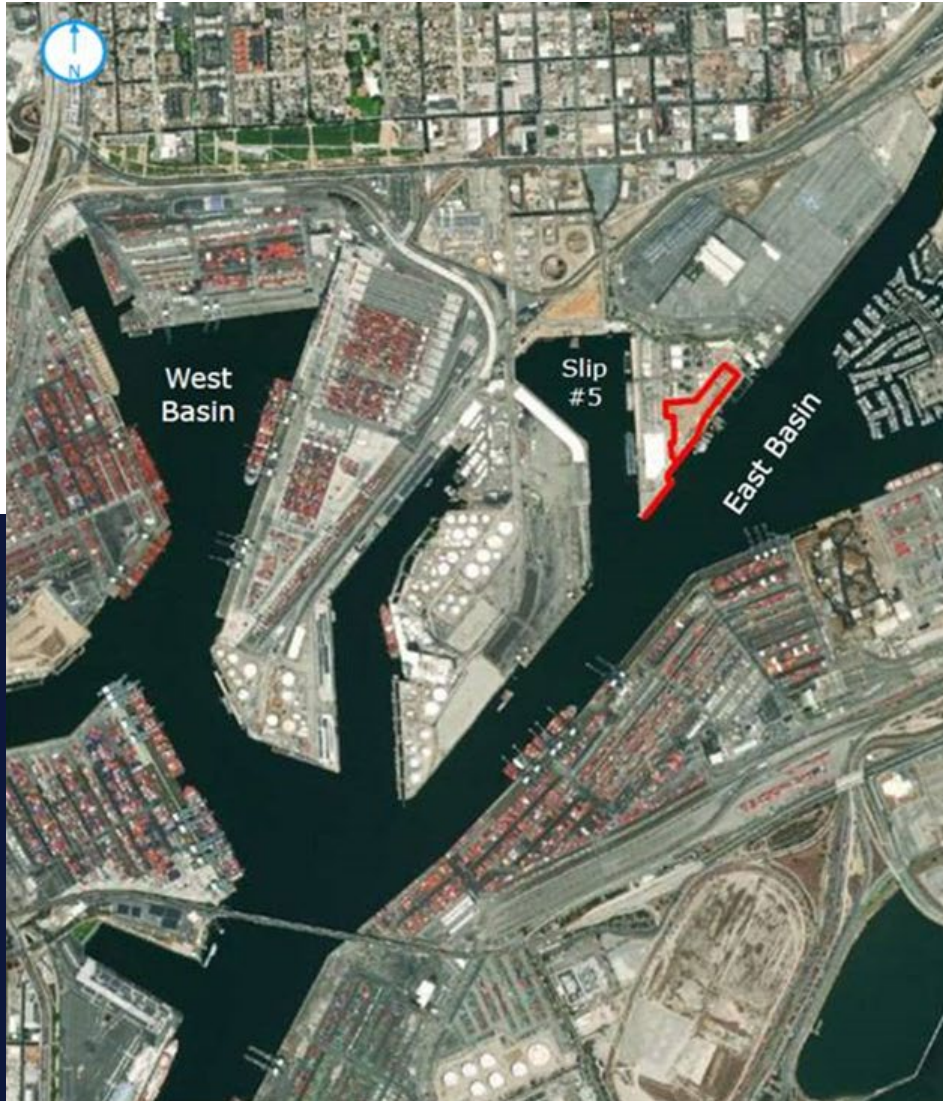
Presented by:

*Lisa Wunder  
Acting Director of  
Environmental Management*

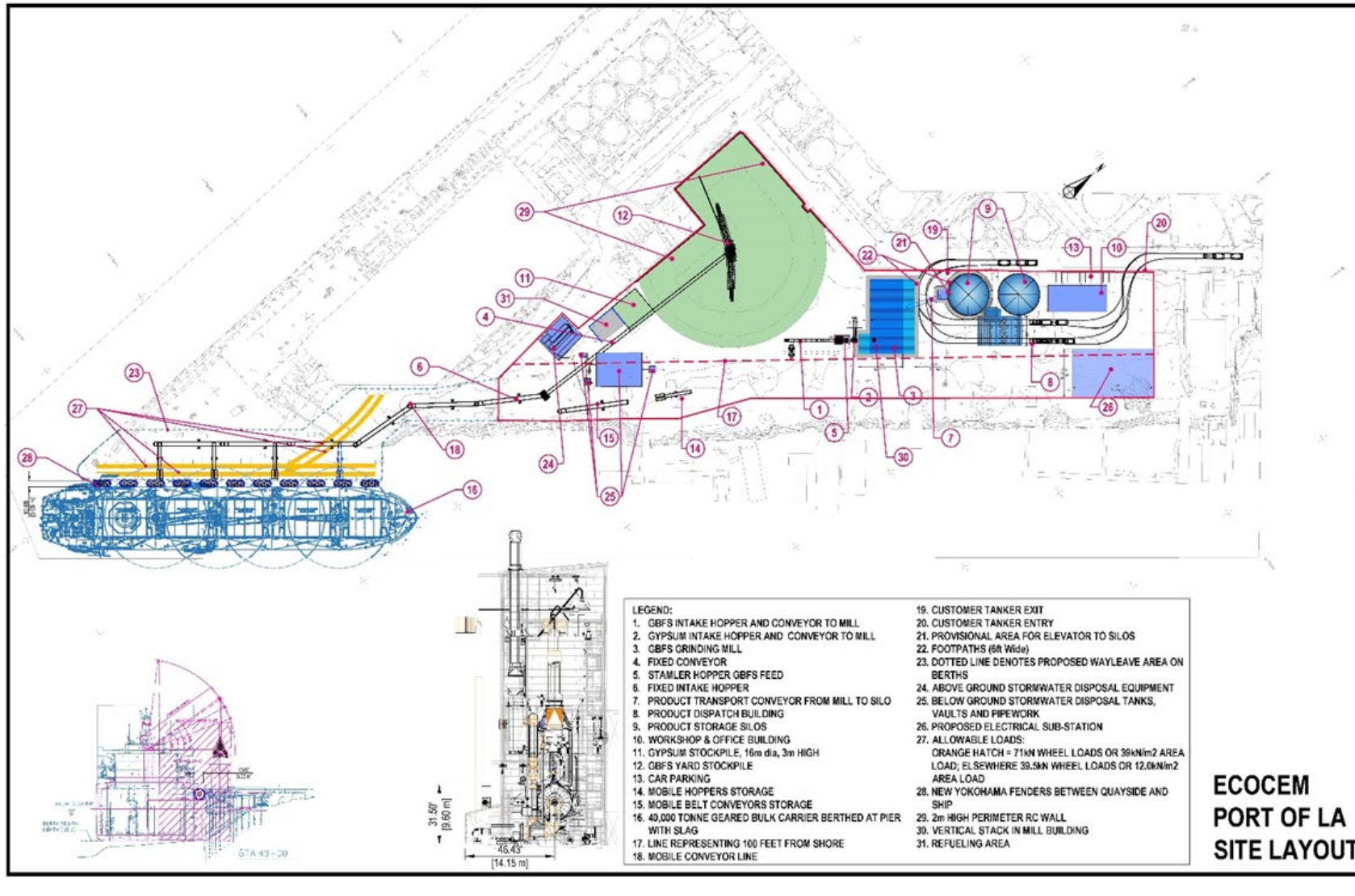
Presented to:

*Board of Harbor Commissioners  
April 10, 2025*

# PROJECT LOCATION



# PROPOSED PROJECT ELEMENTS



**ECOCEM  
PORT OF LA  
SITE LAYOUT**

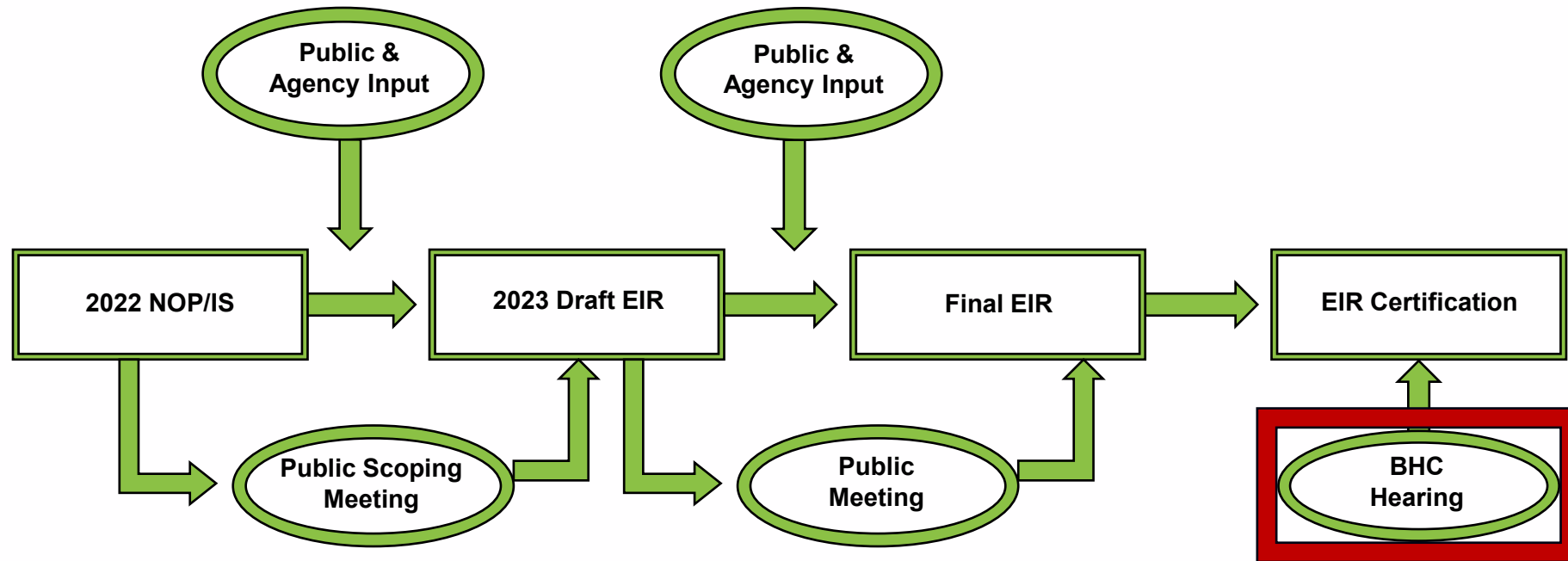
# PROPOSED PROJECT

	Proposed Project
<b>GBFS Import (tons/year)</b>	800,000
<b>Gypsum Imports (tons/year)</b>	39,500
<b>GGBFS Production (tons/year)</b>	775,000
<b>Bulk Vessel Calls per year</b>	24
<b>Gypsum truck trips, one-way (trips/year)</b>	3,950
<b>GGBFS truck trips, one-way (trips/year)</b>	62,000
<b>Total Truck Trips (one-way/year)</b>	65,950
<b>Employees</b>	26

# PROPOSED PROJECT & ALTERNATIVES

	Proposed Project	Alt 1: No Project	Alt. 2: Reduced Project	Alt.3: Product Import Terminal
<b>GBFS Import (tons/year)</b>	800,000	0	540,000	0
<b>Gypsum Imports (tons/year)</b>	39,500	0	26,700	0
<b>GGBFS Production (tons/year)</b>	775,000	0	522,950	775,000
<b>Bulk Vessel Calls per year</b>	24	0	16	23
<b>Gypsum truck trips, one-way (trips/year)</b>	3,950	0	2,670	0
<b>GGBFS truck trips, one-way (trips/year)</b>	62,000	0	41,836	62,000
<b>Total Truck Trips (one-way/year)</b>	65,950	0	44,506	62,000
<b>Employees</b>	26	0	18	12

# CEQA PROCESS



NOP/IS – Notice of Preparation/Initial Study

EIR – Environmental Impact Report

BHC – Board of Harbor Commissioners

# PROPOSED PROJECT OBJECTIVES

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- Facilitate the future development of improved low-carbon, high-performance binders
- Establish a processing facility at a deep-water berth in Southern California with permanent local manufacturing jobs, that is:
  - Capable of adapting to changes in raw material sources in order to maintain a steady supply of product
  - Capable of providing storage capacity for the rapid unloading of bulk ships delivering raw materials and for loading product on bulk tanker trucks
  - Located near the center of the Southern California market to reduce the traffic burden, road wear, and energy requirements associated with truck transport of product
- Provide necessary raw material import capacity for an environmentally sustainable product

# ENVIRONMENTAL ISSUES DISMISSED IN THE NOP/IS

- The following resource areas were analyzed and found to have **No Impacts** or **Less than Significant Impacts** for the Proposed Project:
  - Aesthetics
  - Agriculture and Forestry Resources
  - Geology and Soils
  - Cultural Resources
  - Hazards and Hazardous Materials
  - Hydrology and Water Quality
  - Mineral Resources
  - Population and Housing
  - Recreation
  - Transportation and Traffic\*
  - Utilities and Services System
  - Wildfires

# ENVIRONMENTAL ISSUES IN THE DEIR

- The following resource areas were analyzed for the Proposed Project. Their impacts are listed below :
  - Air Quality and Meteorology – *Significant and Unavoidable*
  - Biological Resources – *Less than Significant with Mitigation Incorporated*
  - Energy – *Less than Significant*
  - Geology and Soils – *Less than Significant*
  - Greenhouse Gas Emissions – *Less than Significant with Mitigation Incorporated*
  - Ground Transportation – *Less than Significant*
  - Land Use and Planning – *Less than Significant*
  - Noise – *Significant and Unavoidable*
  - Tribal Cultural Resources – *Less than Significant*

# AIR QUALITY AND METEOROLOGY

## – *SIGNIFICANT AND UNAVOIDABLE*

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- LM AQ-1: Fleet Modernization for Cementitious Material Handling Equipment
- LM AQ-2: Periodic Review of New Technology and Regulations
- LM AQ-3: At-Berth Vessel Emissions Control Pilot Study
- LM AQ-4: Los Angeles Harbor Department (LAHD) Sustainable Construction Guidelines
- LM AQ-5: Fleet Modernization for On-Road Trucks During Construction
- LM AQ-6: Fleet Modernization for Construction Equipment
- LM AQ-7: Renewable Diesel Fuel for Construction Equipment and On-Road Trucks
- MM AQ-1: Vessel Speed Reduction Program (VSRP)
- MM AQ-2: Front End Loader Replacement Schedule

# BIOLOGICAL RESOURCES

## – *LESS THAN SIGNIFICANT WITH MITIGATION INCORPORATED* —

- MM BIO-1: Protect Marine Mammals

# GREENHOUSE GAS EMISSIONS – *LESS THAN SIGNIFICANT WITH MITIGATION INCORPORATED* —

- MM GHG-1: GHG Reduction Offsets
- LM AQ-1: Fleet Modernization for Cementitious Material Handling Equipment
- LM AQ-2: Periodic Review of New Technology and Regulations
- LM AQ-3: At-Berth Vessel Emissions Control Pilot Study
- LM AQ-4: Los Angeles Harbor Department (LAHD) Sustainable Construction Guidelines
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# NOISE

## – *SIGNIFICANT AND UNAVOIDABLE*

- MM NOI-1: Noise Barriers Adjacent to Pile Driving Activities
- MM NOI-2: Noise Reduction of Landside Pile Driving
- MM NOI-3: Usage of Wooden Cushion Block

# TRIBAL CULTURAL RESOURCES

## – *LESS THAN SIGNIFICANT*

- SC TCR-1: Stop Work in the Area if Prehistoric and/or Archaeological Resources are Encountered

# SUMMARY OF PUBLIC COMMENTS

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- Draft EIR was released for public review on October 12, 2023
- Eight comments were presented at the public hearing held on November 1, 2023
- 60-day comment period ended on December 11, 2023
  - 35 comment letters received
- Areas of environmental concern raised during the public review period:
  - GHG emissions not including transport of GBFS
  - Rail-based Production Distribution Alternative
  - Availability of zero-emissions technology
  - Use of vibratory pile driving
  - Comparison to the Orcem Vallejo Project
  - Third-party truck emissions
  - Local traffic impacts
- No changes to a significance determination resulted as a result of comments received

# RECOMMENDED ACTIONS

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- Certify the Final Environmental Impact Report for the Berths 191-194 Low-Carbon Cement Processing Facility Project;
- Find that the Proposed Project will have significant environmental effects on air quality and meteorology and noise;
- Find that changes or alterations have been required in, or incorporated into, the Proposed Project, which substantially lessens or avoids one or more of the significant adverse environmental impacts identified in the Final Environmental Impact Report;
- Find that specific economic, legal, social, technological, or other considerations make infeasible certain mitigation measures such that environmental impacts remain significant and unavoidable;
- Find that, all information added to the Final Environmental Impact Report merely clarifies, amplifies, or makes insignificant modifications in an adequate Environmental Impact Report and recirculation is not necessary;
- Adopt the Findings of Fact and Statement of Overriding Considerations;
- Adopt the Mitigation Monitoring and Reporting Program;
- Approve the Proposed Project identified in the Final Environmental Impact Report;
- Direct the Harbor Department to incorporate mitigation measures, lease measures, standard condition, and Mitigation Monitoring and Reporting Program into any and all lease agreements or assignments;
- Authorize the Environmental Management Division to post a Notice of Determination with the Los Angeles County Clerk and State Clearinghouse; and
- Adopt Resolution No. \_\_\_\_\_.



A M E R I C A ' S P O R T ®

THANK YOU



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