MITSUBISHI CEMENT CORPORATION

FACT SHEET

Warehouse C: Bulk Cement Warehouse and Loading Facility Project

PROJECT OVERVIEW

Mitsubishi Cement Corporation is working to modernize a berth at the Port of San Diego that will receive and store cement. This is an environmentally clean, electrified project, with an emissions reduction plan, and installation of electric infrastructure that will support Port and community efforts to decrease local impacts and actually promote an environmentally cleaner Port. This same operation has won awards for environmental innovation in Long Beach.

This state-of-the-art Cement Warehouse and Loading Facility will repurpose an existing on-terminal warehouse, create jobs and establish a local source of cement, which currently can only be obtained by being trucked in – long distances – from the high desert or the Port of Long Beach. The proposed project has been environmentally reviewed and is aligned with the goals and intent of the Maritime Clean Air Strategy, AB 617 Community Emissions Reduction Plan and TAMT Redevelopment Plan.

KEY FACT: Mitsubishi Cement's Warehouse C Facility will achieve emission reductions that completely offset diesel emissions from customer's diesel trucks visiting the Terminal.

What is Shore Power?

Ships being unloaded will be able to plug into onshore electric power, rather than using onboard engines. Ships can use shore power at least 50% of the time. Availability of port cranes could drive the use of shore power up to 100%.

WAREHOUSE C: A GREEN PROJECT

MCC maintains the industry's highest standards for environmental programs, meeting or exceeding California benchmarks – the toughest in the country – for air quality, water, waste, and energy management. MCC has been recognized for their award-winning environmental practices at the Port of Long Beach; the same practices that will be utilized in San Diego.

- Tier 4 construction equipment
- Electric shore power for ships to plug in, rather than idle
- Sealed electric pneumatic system for offloading
- Warehouses equipped with baghouses for emission control
- Emission-controlled truck loadouts
- Designated truck route awareness
- Annual technology reviews to support green technology

FACT SHEET

MCC IS HELPING TO CREATE A CLEANER PORT, BENEFITTING PORTSIDE COMMUNITIES

The MCC project will install infrastructure that can help the Port of San Diego achieve the goals and intent of the Maritime Clean Air Strategy (MCAS), AB 617 Community Emissions Reduction Plan (CERP) and TAMT Redevelopment Plan.

- MCC is making efforts to meet the aspirational 40% and 100% ZE trucks goals, as articulated in the MCAS.
- The project installs shore-power infrastructure, allowing ships at Berths 10-7/10-8 to use electricity, rather than onboard engines.
- More than 4,000 shore power hours will be available for other port tenants. Each hour of shore power offsets 230 local truck trips.
- The project has undergone a comprehensive environmental review, producing a scientific analysis demonstrating the clean air opportunities the project will deliver.
- The project fits within the TAMT Environmental Impact Report (EIR), providing smart, clean development that will optimize the TAMT.
- Cement transfer trucks have a standard lifespan of five years – much shorter than other truck fleets. The project SEIR identifies this young truck fleet as a mitigation, in support of customers using trucks that are the newest technology.
- Proposed additional project enhancements include: limiting operations prior to 2026 (scaling up with time as market demands); expanding ZE Truck Transition Plan to include achievable emission reductions as directed by the port commissioners; supporting and participating in port-wide truck route enforcement program.

The Mitsubishi Cement Corp. project is expected to:

- ✓ Create jobs
- ✓ Address cement shortages
- ✓ Decrease diesel emissions by reducing cement deliveries trucked from the high desert and Port of Long Beach
- ✓ Install clean, green electric offloading and operating equipment at the port, consistent with the goals of the Maritime Clean Air Strategy (MCAS) and the Community Emissions Reduction Plan (CERP)

REGIONAL ENVIRONMENTAL BENEFITS

- Diesel emissions in Southern California and the San Diego region will be reduced by establishing a local supply of cement. Currently, cement is trucked into San Diego from the high desert and Port of Long Beach—up to 400 miles, round trip.
- A more secure local cement supply will support housing construction, school improvements, and bayfront developments, allowing public agencies to progress projects and save taxpayer money while using more sustainable cement.

Focus on New, Clean Tech

MCC has committed to annual technology reviews, supporting state-of-the-art sustainable equipment.

For additional information please visit the project website by scanning the QR code or you may leave a message at (844) 243-3199.

Follow us at: mitsubishicementcorpSD

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