

A CLEANER PORT.
A BRIGHTER
FUTURE.



Pacific LA Marine Terminal LLC Pier 400, Berth 408 Project [Plains] Draft SEIS/SEIR

Environmental Management Division, Port of Los Angeles
Regulatory Branch, US Army Corps of Engineers, LA Division

Public Meeting

June 26, 2008 6:00 pm

Board Hearing Room, Port of Los Angeles





Pacific LA Marine Terminal Draft SEIS/SEIR

Introduction

Welcome

- **Colonel Thomas Magness**, *LA District, US Army Corps of Engineers*
 - Spencer D. MacNeil, D.Env. USACOE Project Manager
- **Lena Maun-DeSantis**, *CEQA Supervisor/Project Manager, POLA*

Introduction

- Corps Overview
- Presentation on the Draft Supplemental Environmental Impact Statement/Subsequent Environmental Impact Report (SEIS/SEIR)
- Public Comments on the Draft SEIS/SEIR



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Introduction

Draft Subsequent/Supplement EIS/EIR

- Project is Subsequent/Supplemental Document to the Deep Draft Navigational Improvements EIS/EIR (1992)
 - The proposed Project is on land that was created as a result of the Deep Draft EIS/EIR process
 - A deep-draft marine oil terminal on Pier 400 is consistent with the project analyzed in the Deep Draft EIS/EIR
- The Draft SEIS/SEIR fully analyzes construction and operation of the Crude Oil Marine Facility



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Proposed Project

Key Features at Full Buildout:

- Berth 408 Marine Terminal & Tank Farm and Pipelines

Berth 408 Marine Terminal

- Wharf Construction and Terminal Construction
 - Two 250,000-bbl tanks
 - Buildings and Pumps
- 30-year lease (2010-2040)
- AMP facilities on wharf
- LEED Certified Admin. Building



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Proposed Project

Tank Farm and Pipelines:

- Terminal Island (TI) Tank Farm including (14) 250,000-bbl tanks
- Motor Control Center, Tank Farm Operator Office and Control Building
- 42-inch diameter pipeline from the Marine Terminal to TI Tank Farm
- Two 36-inch diameter pipelines would connect TI Tank Farm to the existing network of pipelines at Ferry Street
- 36-inch diameter spur running from the existing network at Ferry Street into the ExxonMobil Southwest Terminal

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Berth

Terminal

Tank Farm

EXISTING PLAINS PIPELINE
36" DIAMETER
6,132 LINEAR FEET

PROPOSED PIPELINE SEGMENT 3
36" DIAMETER
10,500 LINEAR FEET

PROPOSED PIPELINE SEGMENT 5
16" DIAMETER
990 LINEAR FEET

PROPOSED PIPELINE SEGMENT 4
24" DIAMETER
6,420 LINEAR FEET

SITE A
PROPOSED PIGGING STATION SITE
1.2 ACRES

PROPOSED PIPELINE
SEGMENTS 2a AND 2b
36" DIAMETER
1,800 LINEAR FEET

SITE 2
PROPOSED TANK FARM
14 STORAGE TANKS @ 250,000 BBL.
(3,500,000 BBL. STORAGE)
37.0 ACRES

PROPOSED PIPELINE
SEGMENT 2c
36" DIAMETER
100 LINEAR FEET

ALTERNATIVE
PIPELINE ROUTE

PROPOSED PIPELINE SEGMENT 1
42" DIAMETER
20,650 LINEAR FEET

SITE 1
PROPOSED TANK FARM
2 STORAGE TANKS @ 250,000 BBL.
(500,000 BBL. STORAGE)
50,000 BBL. SURGE TANK
15,000 BBL. MGO TANK
10.7 ACRES

PROPOSED MARINE
OIL TERMINAL
FACE C OF PIER 400
5.0 ACRES

LEGEND

- Proposed Pipeline
- Existing Plains Pipeline
- Proposed Facility Boundaries
- Alternative Route
- City Boundaries

Scale

0 Mile 1.0



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Project Throughput

<i>Element</i>	<i>CEQA Baseline (2004)</i>	<i>Proposed Project (2010)</i>	<i>Proposed Project (2015)</i>	<i>Proposed Project (2025)</i>	<i>Proposed Project (2040)</i>
Marine Terminal Acreage	0	5.0 acres (2.0 ha)	5.0 acres (2.0 ha)	5.0 acres (2.0 ha)	5.0 acres (2.0 ha)
Total Tank Farm Acreage	0	47.7 acres (19.3 ha)	47.7 acres (19.3 ha)	47.7 acres (19.3 ha)	47.7 acres (19.3 ha)
Tanker Calls	0	129 per year ²	147 per year ²	201 per year ²	201 per year ²
Average Crude Oil Throughput	0	350,000 bpd	500,000 bpd	677,000 bpd	677,000 bpd
Barge Calls	0	6	8	12	12
Crude Oil Storage Tanks	0	16	16	16	16
Crude Oil Tank Capacity	0	4.0 million bbl	4.0 million bbl	4.0 million bbl	4.0 million bbl
Employees	0	523 peak ³	48 ⁴	54 ⁴	54 ⁴



Pacific LA Marine Terminal Draft SEIS/SEIR *Alternatives*

Draft SEIS/SEIR Analyzes:

- Proposed Project
- No Federal Action/No Project
- Reduced Project

	<i>Marine Terminal Acres</i>	<i>Tank Farm Acres</i>	<i>Annual Tanker Calls at Berth 408</i>	<i>Average Daily Crude Oil Throughput at Berth 408 (barrels per day [bpd])</i>	<i>Increase in Annual Tanker Calls at Other Existing Berths in the San Pedro Bay Ports</i>	<i>Total New Tank Capacity (barrels [bbl])</i>	<i>Operational Employee Estimates at Berth 408</i>
Proposed Project	5.0	47.7	201 ²	677,000	0 ³	4.0 million	54 ⁵
No Federal Action/No Project Alternative	0	0	0	0	267 ⁴	0	0
Reduced Project Alternative	5.0	47.7	132 ²	450,000	240 ⁴	4.0 million	61 ⁵



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Project Impacts

Proposed Project Impacts:

Unavoidable Significant Impacts

- Air Quality and Meteorology (Construction, GHG, Criteria Pollutants)
- Biological Resources (CA Least Terns and Marine Resources)
- Geology (Seismic)
- Noise (Construction)
- Water Quality (Discharges)
- Recreation (Possible spills)
- Hazards(Possible spills)

Impacts that are Less than Significant after Mitigation

- Utilities and Public Services
- Transportation
- Groundwater and Soils

Less than Significant Impacts

- Aesthetics
- Cultural Resources
- Land Use
- Marine Vessel Transportation
- Population and Housing

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Select Project Mitigations



- **Air Quality Operation**
 - **MM AQ-13:** Vessel Speed Reduction Program
 - **MM AQ-14:** Low-Sulfur Fuel Ship Auxiliary Engine, Main Engine and Boiler Fuel Improvement Program (0.2%)
 - **MM AQ-15:** Alternative Maritime Power
 - **MM AQ-16:** Slide Valves
 - **MM AQ-17:** Parking Configuration
 - **MM AQ-18:** New Vessel Builds
 - **MM AQ-19:** General Mitigation Measure
 - **MM AQ-20:** Periodic Review of New Technology and Regulations
 - **MM AQ-24:** Throughput Tracking
 - **MM AQ-25:** LEED Certification
 - **MM AQ-26:** Compact Fluorescent Light Bulbs
 - **MM AQ-27:** Energy Audit
 - **MM AQ-28:** Solar Panels
 - **MM AQ-29:** Recycling
 - **MM AQ-30:** Tree Planting

- **Hazards**
 - **MM 4I-2:** Clean Coastal Waters Cooperative
 - **MM RISK-2.1a:** Double Hulled Vessels
 - **MM RISK-2.1b:** Quick Release Couplings

- **Biology**
 - **MM BIO-1.1a:** Least Tern Monitoring
 - **MM BIO-1.1b:** Stone Column Installation Monitoring
 - **MM BIO-1.1c:** Construction Schedule
 - **MM BIO-1.1d:** Construction Contractor Environmental Training
 - **MM BIO-1.1e:** Perches
 - **MM BIO-1.1f:** Lighting
 - **MM BIO-1.1g:** Vegetation Clearing
 - **MM BIO-1.1h:** Protection of Special Status Species Nesting Birds
 - **MM BIO-1.1i:** Protection of California Least Tern Nesting
 - **MM BIO-1.1j:** Noise Buffer
 - **MM BIO-1.2a:** Structure Perches
 - **MM BIO-1.2b:** Predator Control
 - **MM BIO-1.2c:** Oil Spill Containment
 - **MM BIO-1.2d:** Security Lighting
 - **MM BIO-1.2e:** Operations Personnel Environmental Training
 - **MM BIO-1.2f:** Vessel Speed Reduction



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Document Availability

CDs and Executive Summaries

- (310) 732-3675

Websites

- Full Document: www.portoflosangeles.org
- Public Notice: www.spl.usace.army.mil/regulatory/

Hard Copies available for review

- Port of Los Angeles
- Libraries:
 - L.A. Public Library, Central Branch
 - L.A. Public Library, San Pedro Branch
 - L.A. Public Library, Wilmington Branch
 - Long Beach Public Library, Main Branch



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Providing Public Comment

At Tonight's Meeting

- If you wish to provide comments, please fill out a Speakers Card and return to the front desk
- Speakers will be limited to 3 minutes

After Tonight's Meeting

- Comments will be accepted until July 29, 2008
- Comments must be sent to both (addresses next slide):
 - Spencer MacNeil
 - Ralph Appy

Thank you for your Participation



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Providing Public Comment

USACOE

U.S. Army Corps of Engineers, Los Angeles District Regulatory Division
c/o Spencer D. MacNeil D.Env.
ATTN: CESPL-RG-2004-00917-SDM
P.O. Box 532711
Los Angeles, California 90053-2325

POLA

Dr. Ralph G. Appy
Port of Los Angeles, EMD
425 South Palos Verdes Street
San Pedro, CA 90731

Email

ceqacomment@portla.org

More Information: (310) 732-3675