

# Chevron Richmond Refinery; 20 yr Lifespan



**CMANC**

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# Overview of Presentation



- 1. A Refinery Overview**
- 2. Our Dredging Past**
- 3. Our Dredging Present**
- 4. Our Dredging Future**



# Overview of Chevron Richmond Refinery



Processes an average of **247,000** barrels of oil daily



Fuels **65%** of jets at Bay Area airports



Powers **20%** of cars on Bay Area roads



Produces **100%** of base oils on the West Coast

## Key Notes:

*100% of the crude product processed at the Richmond Refinery is transported across the Long Wharf Facility*

- Long Wharf utilization is over 75%
- Dredging limits = 150,000 cyds/yr
  - in 2013 there was 220,000 cyds available
- Largest Eelgrass bed in San Francisco Bay

# The Past; 10+ years ago...& A Present Snapshot



## Draft Timeline for 2004 Dredging Episode Approval

*March-*

- *work with Dutra to update Alternatives Analysis.*

*April 1<sup>st</sup>*

- *Submit March sounding, Alternatives Analysis, and Tier I request to DMMO.*
- *Attend next DMMO meeting.*

*May 1<sup>st</sup>*

- *Submit Dutra's Dredge Operation Plan to ACE.*

*June 15<sup>th</sup>*

- *Dredge.*

## Dredging Snapshots in Time

2002

Volume dredged = 85,331 cubic yards

\$5/cyd + mob/demob

Cost = ~ \$800,000.

2012

Volume Dredged = 150,132 cyds

\$30/cyd (upland/DODS) + mob/demob

Cost = ~ \$4,000,000.

→ Successful implementation of LTMS !



## **Lookback (+) :**

- DMMOs increased efficiency
- Alignment of permits/certifications/approval
- Sampling/Analysis response
- Annual programming efforts
- ACOE coordination

## **LTMS Continuation**

- Physically viable
- Financially viable

## **Data Review / Findings**

- Dredging data reports

## **Dredging Coordination Efforts**

- ACOE
- Within the bay

# Questions?

