




CITY: SAN RAFAEL, CA DIV/GROUP: ENV/CAD DB: J. HARRIS  
 Z:\ENVCAD\San Rafael\ACT\B047250\2016\00004\DWG\47250609.dwg LAYOUT: 1 SAVED: 12/19/2016 9:37 AM ACADVER: 19.15 (LMS TECH) PAGESETUP: --- PLOTTED: 2/3/2017 12:10 PM BY: HARRIS, JESSICA  
 XREFS: IMAGES: PROJECTNAME: ---  
 47250X00 47250X01\_3000 FT IP3 SITE LOCATION INSET IP3

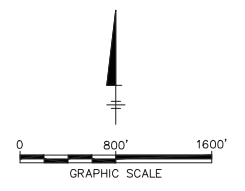
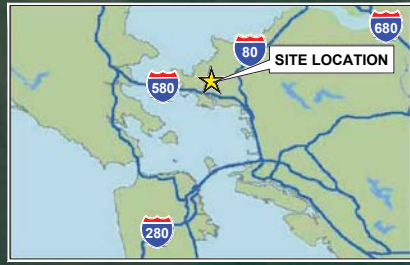


**LEGEND**

-  APPROXIMATE 250-FOOT CHANNEL BOUNDARY
-  APPROXIMATE CHEVRON RICHMOND REFINERY BOUNDARY
-  APPROXIMATE CHEVRON CHEMICAL COMPANY CASTRO STREET PONDS BOUNDARY

**NOTE:**

1. AERIAL IMAGE PROVIDED BY GOOGLE™ EARTH PRO, IMAGE DATE 10/30/2015. HORIZONTAL DATUM NAD83 CALIFORNIA STATE PLANE ZONE III, FEET.



CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY  
 RICHMOND, CALIFORNIA  
**250-FOOT CHANNEL CLOSURE PROJECT**

**SITE MAP**


 **ARCADIS** Design & Consultancy  
for natural and built assets

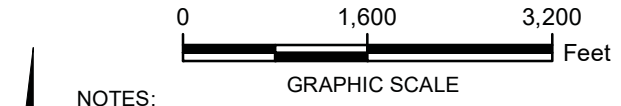
FIGURE **1**

Z:\GIS\Projects\ENV\CHEVRON\_RICHMOND\_CAF\from SF Server\New folder\NW\Updated\250 Ft Channel Closure Project\Figure2\_ProtectElementsAndRegulatoryBoundaries.mxd 1/10/2017 5:27:22 PM Author: M Miller



LEGEND:

- Proposed Project Activities To Be Determined
- Proposed Pipeline Route
- 250-Foot Channel
- Chevron Chemical Ponds
- BCDC Resource Jurisdiction
- Point Orient Wharf State Lands Lease Area (PRC 139.1)
- 100-Foot BCDC Shoreline Band
- Ephemeral Stream
- Emergent Wetland

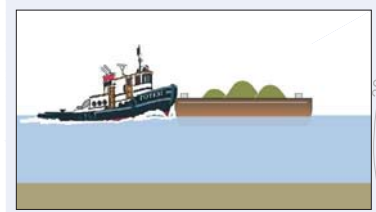
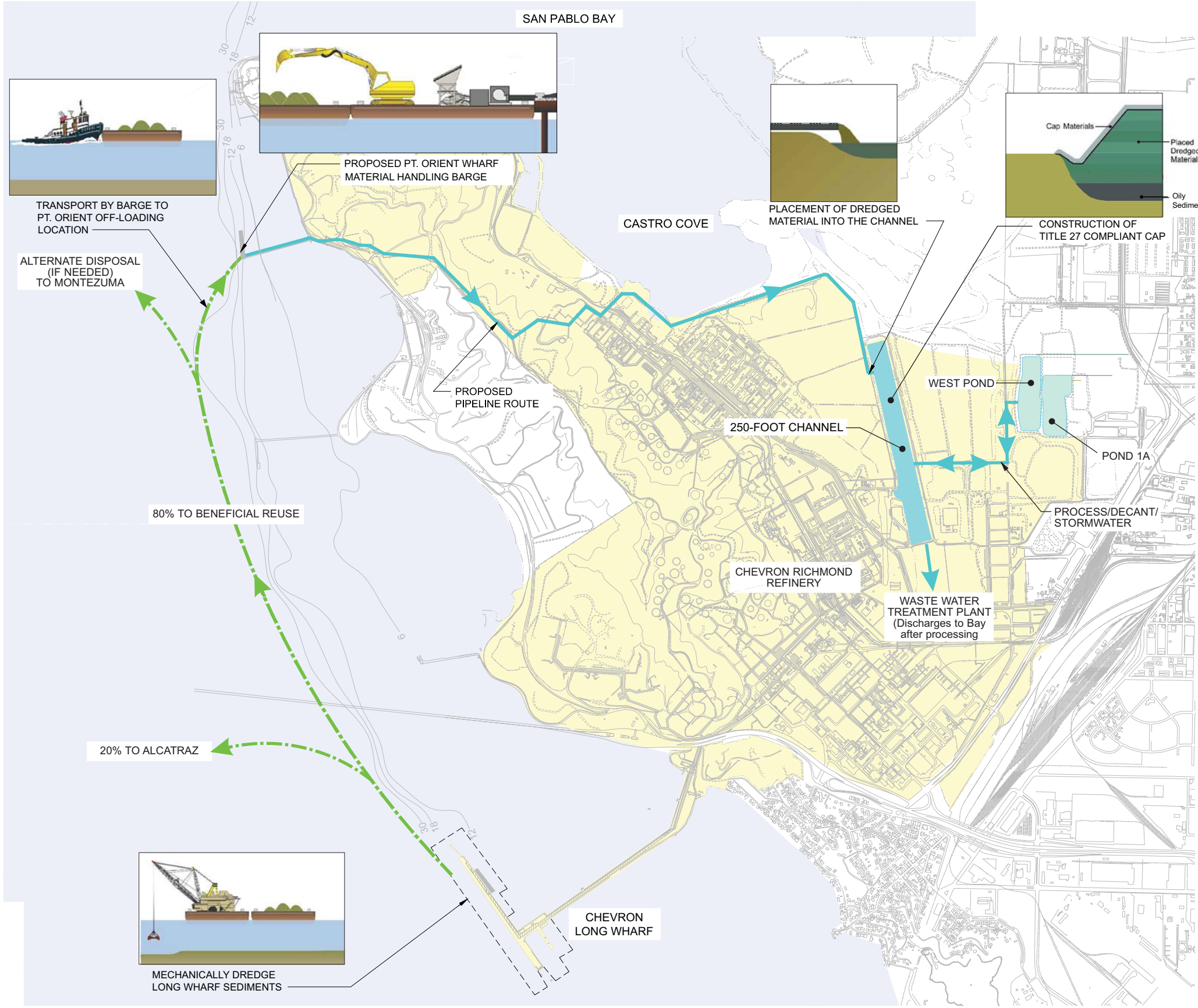


- NOTES:
- 1) Imagery: Copyright © 2009 ESRI, i-cubed, GeoEye
  - 2) RHA = River and Harbors Association Act
  - 3) CWA = Clean Water Act
  - 4) USEPA = United States Environmental Protection Agency
  - 5) \* = The 250-Foot Channel is not expected to be regulated by Section 404 of the CWA, however formal jurisdiction has not been established by the USEPA.
  - 6) BCDC = San Francisco Bay Conservation and Development Commission

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250-FOOT CHANNEL CLOSURE PROJECT

**PROJECT ELEMENTS AND REGULATORY BOUNDARIES**



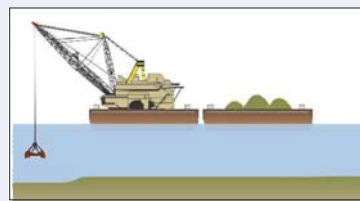


TRANSPORT BY BARGE TO PT. ORIENT OFF-LOADING LOCATION

ALTERNATE DISPOSAL (IF NEEDED) TO MONTEZUMA

80% TO BENEFICIAL REUSE

20% TO ALCATRAZ



MECHANICALLY DREDGE LONG WHARF SEDIMENTS

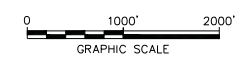


LEGEND:

- REFINERY SITE AREA
- 250-FOOT CHANNEL
- APPROXIMATE DREDGING EXTENT
- PROPOSED BARGE ROUTE
- PROPOSED PIPELINE ROUTE FROM PT. ORIENT
- WWTTP WASTE WATER TREATMENT PLANT
- NOAA NATIONAL OCEANOGRAPHIC AND ATMOSPHERIC ADMINISTRATION

NOTES:

1. EXISTING SITE FEATURES WERE OBTAINED FROM FIGURE 1-1 ENTITLED "FACILITY MAP" PREPARED BY ARCADIS BBL (FORMERLY BBL, AN ARCADIS COMPANY) DATED DECEMBER 2006. REFINERY SITE AREA IS APPROXIMATE.
2. COORDINATE SYSTEM IS CALIFORNIA STATE PLANE, ZONE III (NAD 83).
3. CONTOURS AROUND SAN PABLO YACHT HARBOR, POINT ORIENT AND LONG WHARF ARE APPROXIMATE AND WERE OBTAINED FROM NOAA CHART 18654 AND 18649.



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 RICHMOND, CALIFORNIA  
**250-FOOT CHANNEL CLOSURE PROJECT**

**CONCEPTUAL PLAN**

