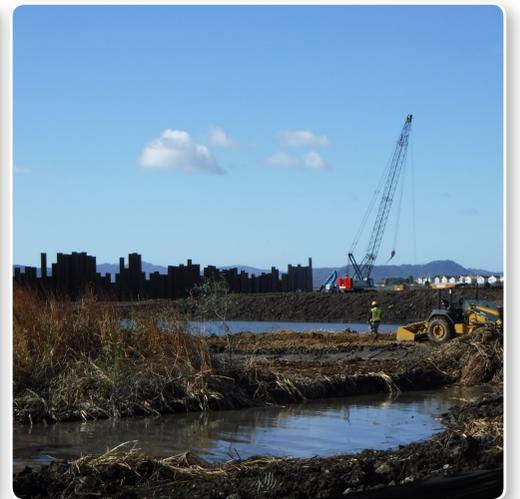
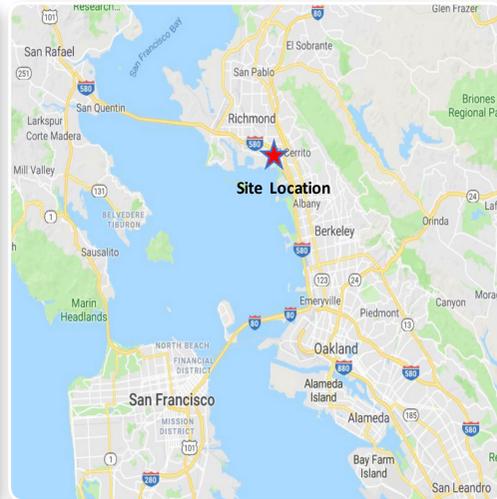


Zeneca/Former Stauffer Chemical Site

Richmond, Contra Costa County



HISTORY

- Approximately 86-acre site, located south of Interstate-580 and north of San Francisco Bay in Richmond.
- Chemical manufacturing from 1897 to 1997.
- Stauffer Chemical roasted pyrite ore to produce sulfuric acid. Spent pyrite was placed as fill material (source of metals contamination).
- Operations expanded to include production of other chemicals, research and development, and formulation of agricultural chemicals.
- Regional Water Quality Control Board cleanup oversight between 1999-2005.
- In 2005 DTSC became lead environmental oversight agency.



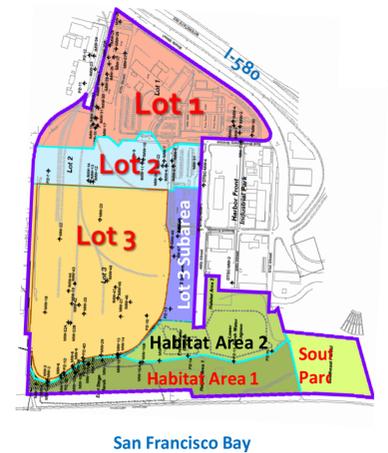
ONGOING ACTIVITIES

- Draft Feasibility Study/Remedial Action Plan for Lots 1 and 2, and Upland Portion of Lot 3.
- 60-day public comment period ended on Sept. 10, 2018.
- Numerous public comments received.
- Responsiveness Summary being prepared.
- Proposed remedy supports land uses identified in the City of Richmond's Richmond Bay Specific Plan.
- Habitat Area 2 remedy implementation is on-going.
- DTSC staff conduct site inspections and field oversight.



SITE REMEDIATION ACTIVITIES

- Removal Action Workplan approved in 2005 to complete sediment removal from East Stege Marsh (Habitat Area 1). 413 tons of soil was removed and habitat restored.
- Removal Action Workplan in Lot 1 to remove soil containing PCBs and volatile organic compounds approved in 2008. 2,800 tons of soil removed.
- Time Critical Removal Action (2009) in Lot 2. 1,626 tons of soil containing PCBs and pesticides removed.
- Approval of Feasibility Study/Remedial Action Plan for Habitat Area 2 (2017). Site remediation is currently on-going.



FOR MORE INFORMATION

Visit DTSC's EnviroStor Web Site:

<https://www.envirostor.dtsc.ca.gov/public/>

Enter "Zeneca Richmond Ag Products" in the search box, and click in the pop-up box.



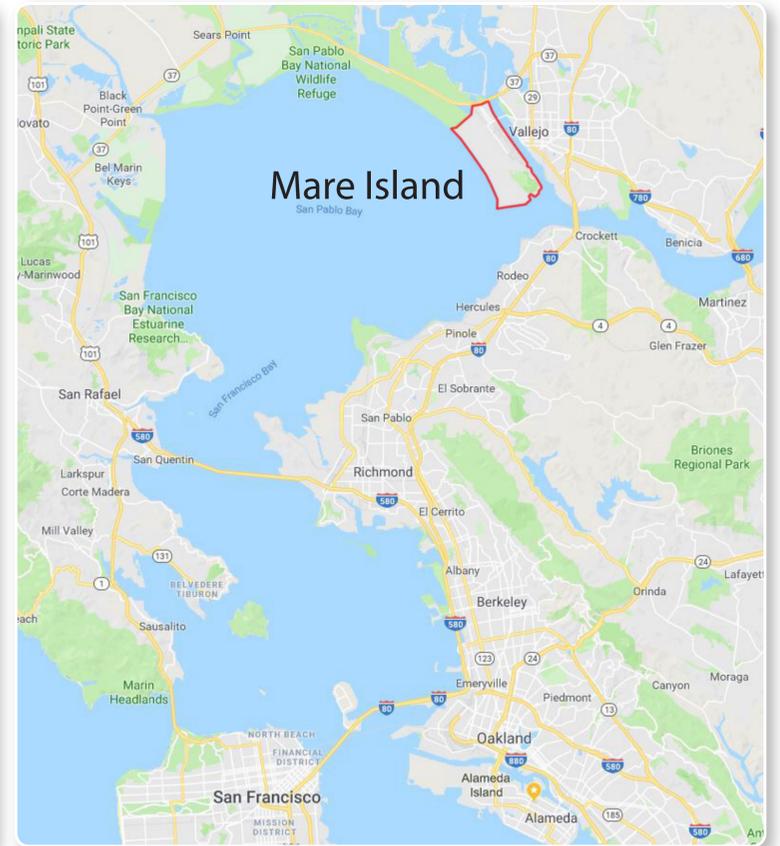
DEPARTMENT OF TOXIC
SUBSTANCES CONTROL

Former Mare Island Naval Shipyard

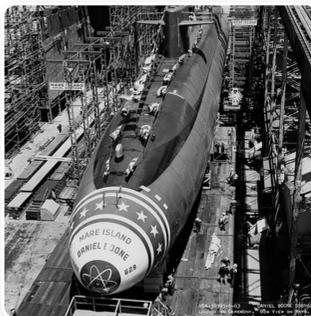
Vallejo, Solano County



Mare Island, Vallejo



- Navy purchased Mare Island in 1853 and commenced shipbuilding operations on September 16, 1854.
- The facility was closed on April 1, 1996.
- Vessel Repair through WWII resulted in metals (lead, mercury, nickel, copper, and zinc), solvents (Volatile Organic Compounds), petroleum hydrocarbons, polychlorinated biphenyls (PCBs) and discarded munitions.
- Post WWII nuclear submarine operations resulted in the presence of radionuclides in addition to metals, solvents, and PCBs.



A nuclear submarine under construction at Mare Island



Soil sampling at Mare Island

- Comprehensive radiological investigation and remediation was completed in 1997. The Navy has since discovered discrete radioluminescent deck markers in dredge ponds and along the southern

shoreline. DTSC will provide oversight with support by the California Department of Public Health if additional items are found.

- Progress to date includes remediation and transfer of land for mixed use/industrial and for open space and recreational use.
- Currently, southern Mare Island, central industrial areas and Dredge Pond 3E are being investigated and remediated.



A golf course at Mare Island

For More information

Visit DTSC's EnviroStor Web Site:

<https://www.envirostor.dtsc.ca.gov/public/>

Enter "Mare Island Naval Shipyard" in the search box, and click in the pop-up box.



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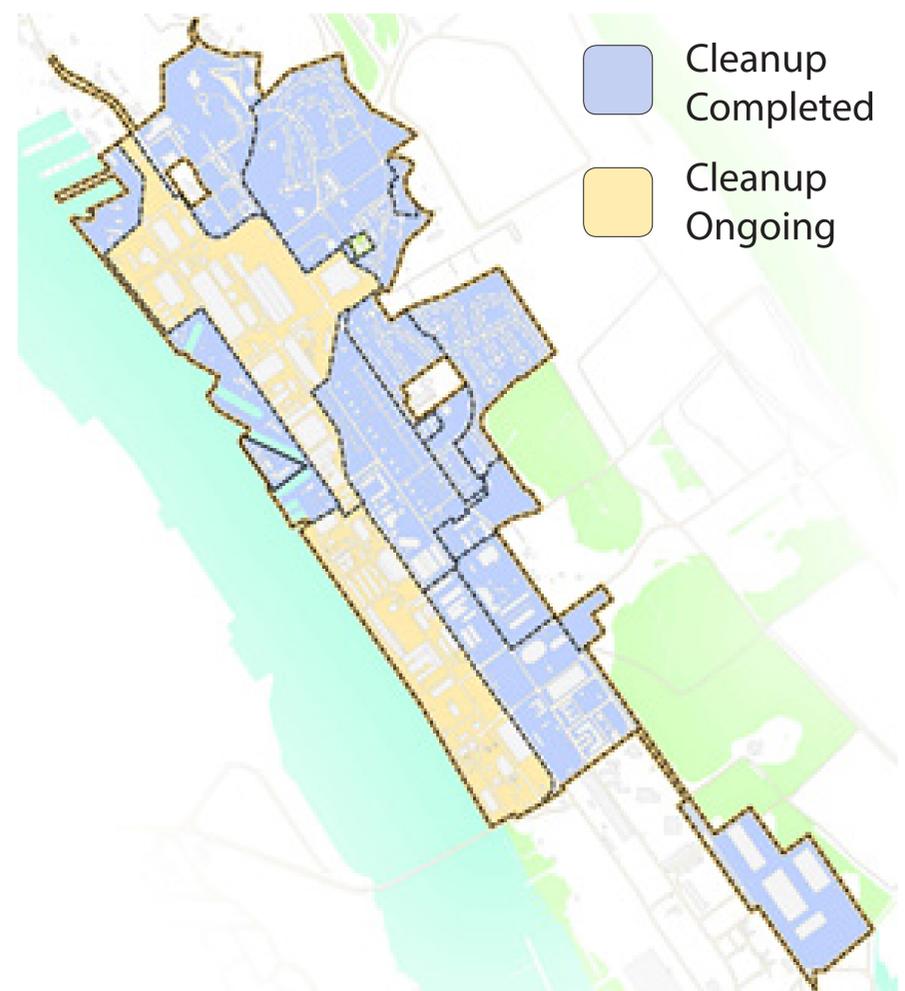
DEPARTMENT OF TOXIC
SUBSTANCES CONTROL

Mare Island: Eastern Early Transfer Yard

Vallejo, Solano County



- Transferred by Navy in 2002 to City, then to Lennar Mare Island, LLC (LMI).
- Approximately 650 acres.
- Contaminants of concern include lead and other metals, polychlorinated biphenyls (PCBs), volatile organic compounds and petroleum hydrocarbons.
- Contamination in soil and groundwater.
- Soil vapor and indoor air tested, if there is potential concern.
- Areas of potential radiological concern investigated and cleaned up by Navy prior to transfer of EETP. Since the transfer, no radiological materials have been found in EETP.
- LMI responsible for cleanup with funding from Navy.
- To date about 269 acres cleaned up for unrestricted use, including residential and educational uses, and about 147 acres cleaned up for commercial/industrial uses.



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