APPENDIX C
PHOTOGRAPHS OF THE RICHMOND FIELD STATION AND VICINITY PROPERTIES
Photograph C-1. 1948 aerial view of the California Cap Company (left of red line) and the former Stauffer sulfuric acid plant (right of red line).
Photograph C-2. 1953 aerial view of RFS and the former Stauffer site.
Photograph C-3. 1957 aerial view of RFS and the former Stauffer site.
Photograph C-4. 1959 aerial view of RFS and the former Stauffer site.
Photograph C-5. 1966 aerial view of RFS and the former Stauffer site.
Photograph C-6. 1969 aerial view of RFS and the former Stauffer site.
Photograph C-7. 1975 aerial view of RFS and the former Stauffer site.
Photograph C-8. 1977 aerial view of Western Stege Marsh on RFS.
Photograph C-9. 1983 aerial view of former PG&E yard and Western Storm Drain line location.
Photograph C-10. 1998 aerial view of RFS and the former Zeneca site.
Photograph C-11. 2003 aerial view of RFS and the former Zeneca site.
Photograph C-12. 2004 aerial view of RFS and former Zeneca site.
Photograph C-13. 2005 aerial view of RFS and former Zeneca site.
Photograph C-14. March 2008 aerial view of RFS and former Zeneca site.
Photograph C-15. Pre-1950 photograph of the former wooden seawall on the California Cap Company property.
Photograph C-16. View of the former seawall in crawlspace beneath former RFS Building 100.
Photograph C-17. View of the RFS pier in 2006.
Photograph C-18.
Selected Existing Facilities. From left to right, top to bottom: Structural Testing Facility (Building 484); wooden buildings dating from prior to 1940 (Buildings 190 and 196); Earthquake Engineering’s research offices (Building 481); Earthquake Engineering Shaking table facility (Building 420); Northern Regional Library Facility (Building 400).
Photograph C-19. 1983 photograph of contractors cleaning up spill in Western Stege Marsh on RFS that originated from the former Stauffer site.
Photograph C-20. View of Western Stege Marsh (looking southwest) prior to Phase 1 remediation activities.
Photograph C-21. View of demolition of former round pond in eastern portion of Transition Area (formerly designated as Area 1 under Water Board Order) during Phase 1 remediation activities.
Photograph C-22. View of excavating cinders and mercury-affected cinders from eastern portion of the Transition Area (formerly designated as Area 1 under Water Board Order).
Photograph C-23. View of stratification of clean fill, cinders, and clean bay mud in excavation in former round pond in eastern portion of Transition Area (formerly designated as Area 1 under Water Board Order).
Photograph C-24. View of mixing mercury-affected soil and cinders with activated carbon (5% by weight) during Phase 1 remediation activities.
Photograph C-25. View of backfilling eastern portion of Transition Area (formerly designated as Area 1 under Water Board Order) with clean soil during Phase 1 remediation activities.
Photograph C-26. View of excavating cinder-affected sediments from southeastern corner of Western Stege Marsh (formerly designated as Area 3 under Water Board Order) during Phase 1 remediation activities.
Photograph C-27. View of excavating cinder-affected material in Western Stege Marsh (formerly designated as Area 2 under Water Board Order) during Phase 1 remediation activities.
Photograph C-28. View of backfilling of eastern portion of Western Stege Marsh (formerly designated as Areas 2 and 3 under Water Board Order) with clean bay mud during Phase 1 remediation activities.
Front end loader drops load of compost into open excavation

Photograph C-29. Trenching equipment installing BAPB wall on RFS site during Phase 1 remediation activities.
Photograph C-30. View of construction of Asphalt Pad B during Phase 2 remediation activities.
Photograph C-31. View of excavating clean overburden from Transition Area (formerly designated as Area 4 under Water Board Order) during Phase 2 remediation activities.
Photograph C-32. View of excavating sediments and cinders containing mercury at concentrations less than 50 mg/kg from the Transition Area (formerly designated as Area 4 under Water Board Order) during Phase 2 remediation activities.
Photograph C-33. View of excavating sediments and cinders containing mercury at concentrations between 50 and 260 mg/kg from the Transition Area (formerly designated as Area 4 under Water Board Order) during Phase 2 remediation activities.
Photograph C-34. View of excavating sediments and cinders containing mercury at concentrations greater than 260 mg/kg from the Transition Area (formerly designated as Area 4 under Water Board Order) during Phase 2 remediation activities.
Photograph C-35. View of excavating sediments and cinders containing mercury at concentrations between 50 and 260 mg/kg from Western Stege Marsh (formerly designated as Area 3 under Water Board Order) during Phase 2 remediation activities. View looking west.
Bottom of excavation visually verified by underlying clean bay mud

**Photograph C-36.** View of excavating sediments and cinders containing mercury at concentrations between 50 and 260 mg/kg from Western Stege Marsh (formerly designated as Area 3 under Water Board Order) during Phase 2 remediation activities. View looking south.
Photograph C-37. View of excavating cinders and removing old section of sanitary sewer line that traversed the southern portion of the Transition Area (formerly designated as Area 4 under Water Board Order) during Phase 2 remediation activities.
Area excavated down to underlying clean tan clay layer

Photograph C-38. View of excavating PCB-affected sediments from western portion of Western Stege Marsh (formerly designated as Area M1a under Water Board Order) during Phase 2 remediation activities.
Photograph C-39. Elevated view of concrete treatment pad construction from top of clean overburden soil pile.
Photograph C-40. Elevated view of excavation areas in Transition Area from top of clean overburden soil stockpile.
Photograph C-41. Using bucket on long-stick excavator to mix in CKD with saturated sediment removed from western portion of Western Stege Marsh (formerly designated as Marsh Area M1a under Water Board Order) during Phase 2 remediation activities.
Photograph C-42. Surveying the vertical and lateral extent of excavation area in Western Stege Marsh (formerly designated as Area 3 under Water Board Order) during Phase 2 remediation activities.
Photograph C-43. Importing clean bay mud and stockpiling in areas of Western Stege Marsh remediated during Phase 1. Bay mud was used to backfill marsh areas remediated during Phase 2 remediation activities.
Photograph C-44. Working and compacting treated soil- and sediment-cinders placed in treated cinder placement area on former Zeneca site during Phase 2 remediation activities.
Photograph C-45. View of loading sediments and cinders containing mercury at concentrations greater than 260 mg/kg into off-site transport trucks. Material transported off site to Kettleman City Class I landfill during Phase 2 remediation activities.
Photograph C-46. Spreading and compacting clean soil from overburden stockpile into excavation in Transportation Area (formerly designated as Area 4 under Water Board Order) during Phase 2 remediation activities.
Photograph C-47. Spreading and compacting clean bay mud into excavation in Western Stege Marsh area (formerly designated as Areas 2 and 3 under Water Board Order) during Phase 2 remediation activities.
Photograph C-48. Regrading activities in Western Stege Marsh (formerly designated as Areas 2 and 3 under Water Board Order) during Phase 2 remediation activities.
Photograph C-49. Installing new section of sanitary sewer line in Transition Area during Phase 2 remediation activities.
Photograph C-50. View of remediated portions of Western Stege Marsh (formerly designated as Areas 2 and 3 under Water Board Order) following Phase 2 remediation activities.
Photograph C-51. View of installation of bentonite slurry wall along RFS and the former Zeneca site boundary along southern end of South 46th Street.
Photograph C-52. View of deconning of asphalt pads following Phase 2 remediation activities.
Photograph C-52. View of deconning of asphalt treatment pads following Phase 2 remediation activities.
Photograph C-53. Creating new slough channel in Western Stege Marsh (formerly designated as marsh Area M3 under Water Board Order) during Phase 3 remediation activities.
Photograph C-54. View of excavation down to and sampling of sediments and soil at manhole MH#9 located along northernmost end of the Western Storm Drain line during Phase 3 remediation activities.
Photograph C-55. View of excavating soil from Remediation Area (RA) 6 during Phase 3 remediation activities.
Photograph C-56. View of backfilling Remediation Area (RA) 6 excavation with clean soil during Phase 3 remediation activities.
Photograph C-57. View of new chain-link fence installed south of asphalt pads during Phase 3 remediation activities.
Photograph C-58. View of new four-foot high “no climb” fence installed along boundary between Bay Trail and Western Stege Marsh during Phase 3 remediation activities.
Photograph C-59. Information signage placed on gate along Bay access trail at the completion of Phase 3 remediation activities.
Excavated soil placed in covered soil bins for off-site disposal

Photograph C-60. View of FPL TCRA excavation looking northwest towards Bldg. 476.
Confirmation Sample Locations (marked by orange flags)

Photograph C-61. View of final FPL TCRA excavation after soil confirmation samples collected.
Photograph C-62. Plaque displaying products of the California Cap Company
Photograph C-63. California Cap Company Building 75 and tramway.
Photo courtesy of the Bancroft Library