

# Peter Vorster Hydrogeographer The Bay Institute

#### **Points of Interest**

I have listed the planned topics and points of interest enroute from Emeryville to Sacramento as a helpful guide for what to expect on the trip. We will also encounter the unexpected and your questions will stimulate new topics.

# Emeryville Station - Bay Fill and Smell

- 1. Emeryville Crescent
- 2. Shellmounds
- 3. Aquatic Park

## **Berkeley Station**

- 4. Strawberry Creek and Grizzly Peak
- 5. Schoolhouse Creek
- 6. Codornices Creek
- 7. Cesar Chavez Park and Albany Bulb landfill parks
- 8. Albany Hill
- 9. Mudflats between Albany Bulb and Costco
- 10. Cerrito Creek
- 11. Pt. Isabel
- 12. Hoffman Channel and Marsh
- 13. Brooks Islands
- 14. Baxter Creek outlet and Stege Marsh
- 15. Restored Baxter Creek in Booker T. Anderson Park
- 16. Wildcat Creek Fan
- 17. Pt. Richmond

### **Richmond Station**, Urbanized Estuary

The train runs slowly along San Pablo Bay, especially along Carquinez Strait and over the Benicia Bridge.

- 18. Wildcat Creek
- 19. San Pablo Creek
- 20. Rheem Creek
- 21. Brunner Marsh
- 22. Parchester Village
- 23. Hayward Fault
- 24. Pt Pinole
- 25. Whittel marsh
- 26. Garrity Creek
- 27. San Francisco Bay geography and introduction to San Pablo Bay
- 28. Sonoma and Napa watersheds (in distance)
- 29. Bay Fish, San Pablo Bay, and Scorecard
- 30. Wilson Point

- 31. Pinole treatment plant and creek
- 32. Hercules chemical plants and new development
- 33. Refugio Creek
- 34. Bayshore land and infrastructure affected by sea level rise
- 35. Lone Tree Point
- 36. Old fishing resort spits are fill from harbor
- 37. Rodeo Creek
- 38. Oleum old village
- 39. Conoco-Phillips oil refinery
- 40. Davis Point tunnel
- 41. First glimpse of Carquinez Bridge
- 42. Canada del Cierbo
- 43. Mare Island and Napa River mouth
- 44. Under Carquinez Bridge
- 45. C&H Sugar Plant
- 46. Southhampton Marsh across water
- 47. Tides, salintiy and outflow from Central Valley
- 48. Port Costa
- 49. Benicia Bridge in distance
- 50. Benicia across water
- 51. Mt. Diablo
- 52. Alhambra Creek

### **Martinez Station**

- 53. Park past station,
- 54. Shell oil refinery, spill, and mitigation
- 55. Central Contra Costa Sanitary District Ponds
- 56. Contra Costa Water District Supply
- 57. Benicia Railroad bridge
- 58. New Benicia bridge construction
- 59. Confluence of Sacramento and San Joaquin looking upstream
- 60. Suisun Bay
- 61. Delta outflow and salinity
- 62. Fish, salinity and habitat
- 63. Pelagic Organism Decline (POD)
- 64. Mothball Fleet
- 65. Car port on Benicia side
- 66. Suisun Marsh
- 67. Suisun Slough
- 68. Wind Farm to East
- 69. Vernal Pools (may see a few), Jepson Prairie to East
- 70. Exotic Plants and Animals
- 71. Infrastructure through Suisun Marsh and Delta

#### **Fairfield Station**

Delta planning, policy and legal developments *Peter Vorster, Tina Swanson, Stuart Siegel* 

- 72. Travis Air Force Base
- 73. Suburban sprawl and farmland

- 74. Biological Opinions Delta Smelt and Chinook Salmon
- 75. Bay-Delta Conservation Planning
- 76. Dixon Water Tower
- 77. Putah Creek and Lake Berryessa notch
- 78. Putah Creek and salmon restoration
- 79. Mondavi Center for the Performing Arts, UC Davis

## **Davis Station**

Preview Central Valley transformation, natural and current flood control system

- 80. Central Valley native habitats
- 81. Yolo Bypass and managed habitats
- 82. Sacramento River