

Appendix E

Hydrology



Appendix E: Hydrology

List of Impaired Surface Water Bodies in the SCAG Region

Source: State Water Resources Control Board (SWRCB)

Imperial County

1. Alamo River

Ammonia, Chlordane, Chloride, Chlorpyrifos, Cyhalothrin, Lambda, Cypermethrin, DDD (Dichlorodiphenyldichloroethane), DDE (Dichlorodiphenyldichloroethylene), DDT, (Dichlorodiphenyltrichloroethane), Diazinon, Dieldrin, Enterococcus, Escherichia coli (E. coli), Malathion, PCBs (Polychlorinated biphenyls), Pyrethroids, Sedimentation/Siltation, Selenium, Toxaphene, Toxicity

2. All American Canal

Chlordane, DDT (Dichlorodiphenyltrichloroethane), PCBs (Polychlorinated biphenyls)

3. Colorado River (Imperial Reservoir to California-Mexico Border)

Manganese, Turbidity

4. Ferguson Lake

Selenium

5. Imperial Valley Drains

Ammonia, Chlordane, Chlorpyrifos, DDE (Dichlorodiphenyldichloroethylene), DDT (Dichlorodiphenyltrichloroethane), Dieldrin, Disulfoton, Imidacloprid, PCBs (Polychlorinated biphenyls), Sedimentation/Siltation, Selenium, Toxaphene, Toxicity

6. New River (Imperial County)

Ammonia, Bifenthrin, Chlordane, Chloride, Chlorpyrifos, Cyhalothrin, Lambda, Cypermethrin, DDD (Dichlorodiphenyldichloroethane), DDE (Dichlorodiphenyldichloroethylene), DDT (Dichlorodiphenyltrichloroethane), Diazinon, Dieldrin, Disulfoton, Hexachlorobenzene/ HCB, Imidacloprid, Indicator Bacteria, Malathion, Mercury, Naphthalene, Nutrients, Organic Enrichment/Low Dissolved Oxygen, PCBs (Polychlorinated biphenyls), Pyrethroids, Sediment, Selenium, Toxaphene, Toxicity, Trash

7. Wiest Lake

DDT (Dichlorodiphenyltrichloroethane), Dieldrin, PCBs (Polychlorinated biphenyls)

Imperial, Riverside County

8. Palo Verde Outfall Drain and Lagoon

Chloride, DDE (Dichlorodiphenyldichloroethylene) , DDT (Dichlorodiphenyltrichloroethane) , Dieldrin, Indicator Bacteria, Total DDT (sum of 4,4'- and 2,4'- isomers of DDT, DDE, and DDD) , Toxaphene, Toxicity

9. Salton Sea

Ammonia, Arsenic, Chloride, Chlorpyrifos, DDE (Dichlorodiphenyldichloroethylene) , DDT (Dichlorodiphenyltrichloroethane) , Enterococcus, Low Dissolved Oxygen, Nutrients, Salinity, Toxicity

Imperial, Riverside, San Bernardino County

10. Colorado River and Associated Lakes and Reservoirs (Lake Havasu Dam to Imperial Dam)

DDT (Dichlorodiphenyltrichloroethane) , Toxicity, Turbidity

Inyo, San Bernardino County

11. Amargosa River (Willow Creek confluence to Badwater)

Arsenic

Los Angeles County

12. Abalone Cove Beach

DDT (Dichlorodiphenyltrichloroethane) , PCBs (Polychlorinated biphenyls)

13. Alamitos Bay

Indicator Bacteria, Oxygen, Dissolved

14. Alhambra Wash

Ammonia

15. Aliso Canyon Wash

Copper, Indicator Bacteria, Selenium

16. Amarillo Beach

DDT (Dichlorodiphenyltrichloroethane), PCBs (Polychlorinated biphenyls)

17. Arroyo Seco Reach 1 (LA River to West Holly Ave.)

Indicator Bacteria, Trash

18. Arroyo Seco Reach 2 (West Holly Ave to Devils Gate Dam)

Indicator Bacteria, Trash

19. Avalon Beach

Indicator Bacteria

20. Balboa Lake

Ammonia, Dissolved Oxygen, Toxicity

21. Ballona Creek

Copper, Cyanide, Indicator Bacteria, Lead, Toxicity, Trash, Viruses (enteric) , Zinc

22. Ballona Creek Estuary

Cadmium, Chlordane, Copper, DDT (Dichlorodiphenyltrichloroethane) , Indicator Bacteria, Lead, PAHs (Polycyclic Aromatic Hydrocarbons) , PCBs (Polychlorinated biphenyls) , Silver, Toxicity

Zinc

23. Ballona Creek Wetlands

Exotic Vegetation, Habitat alterations, Reduced Tidal Flushing

Trash

24. Big Rock Beach

Coliform Bacteria, DDT (Dichlorodiphenyltrichloroethane) , PCBs (Polychlorinated biphenyls)

25. Bluff Cove Beach

DDT (Dichlorodiphenyltrichloroethane) , PCBs (Polychlorinated biphenyls)

26. Bouquet Canyon Creek (below Bouquet Reservoir)

Temperature, water

27. Bull Creek

Indicator Bacteria

28. Bull Creek (Los Angeles County)

Ammonia, Toxicity

29. Burbank Western Channel

Copper, Cyanide, Indicator Bacteria, Lead, Selenium, Trash

30. Cabrillo Beach (Outer)

DDT (Dichlorodiphenyltrichloroethane) , PCBs (Polychlorinated biphenyls)

31. Carbon Beach

DDT (Dichlorodiphenyltrichloroethane) , Indicator Bacteria, PCBs (Polychlorinated biphenyls)

32. Castaic Lagoon

PCBs (Polychlorinated biphenyls)

33. Castaic Lake

Mercury, PCBs (Polychlorinated biphenyls)

34. Castlerock Beach

DDT (Dichlorodiphenyltrichloroethane), Indicator Bacteria, PCBs (Polychlorinated biphenyls)

35. Colorado Lagoon

Chlordane, DDT (Dichlorodiphenyltrichloroethane), Dieldrin, Indicator Bacteria, Lead, PAHs (Polycyclic Aromatic Hydrocarbons), PCBs (Polychlorinated biphenyls), Toxicity, Zinc

36. Compton Creek

Benthic Community Effects, Copper, Indicator Bacteria, Lead, pH, Trash, Zinc

37. Coyote Creek, North Fork

Indicator Bacteria, Selenium

38. Crystal Lake

Organic Enrichment/Low Dissolved Oxygen

39. Dan Blocker Memorial (Coral) Beach

Indicator Bacteria

40. Dockweiler Beach

Indicator Bacteria

41. Dominguez Channel (lined portion above Vermont Ave)

Copper, Indicator Bacteria, Lead, Toxicity, Zinc

42. Dominguez Channel Estuary (unlined portion below Vermont Ave)

Benthic Community Effects, Benzo(a)anthracene, Benzo(a)pyrene, Chlordane (tissue) , Chrysene (C1-C4), Copper, DDT (tissue & sediment), Dieldrin (tissue), Indicator Bacteria, Lead, PCBs (Polychlorinated biphenyls), Phenanthrene, Pyrene, Toxicity

43. Downtown Shoreline Marina (part of San Pedro Bay Near/Off Shore Zones)

Toxicity, Copper

44. Dry Canyon Creek

Indicator Bacteria, Total Selenium

45. Echo Park Lake

Algae, Chlordane, Dieldrin, Eutrophic, Odor, PCBs (Polychlorinated biphenyls), pH, Trash

46. El Dorado Lakes

Algae, Ammonia, Copper, Eutrophic, Lead, Mercury (tissue), pH

47. Elizabeth Lake

Eutrophic, Organic Enrichment/Low Dissolved Oxygen, pH, Trash

48. Escondido Beach

DDT (Dichlorodiphenyltrichloroethane), Indicator Bacteria, PCBs (Polychlorinated biphenyls)

49. Flat Rock Point Beach Area

DDT (Dichlorodiphenyltrichloroethane), Indicator Bacteria, PCBs (Polychlorinated biphenyls)

50. Inspiration Point Beach

DDT (Dichlorodiphenyltrichloroethane), Indicator Bacteria, PCBs (Polychlorinated biphenyls)

51. La Costa Beach

DDT (Dichlorodiphenyltrichloroethane), Indicator Bacteria, PCBs (Polychlorinated biphenyls)

52. Lake Calabajas

Ammonia, Eutrophic, Odor, Organic Enrichment/Low Dissolved Oxygen, pH

53. Lake Hughes

Algae, Eutrophication, Odor, Trash

54. Lake Lindero

Algae, Chloride, Eutrophic, Odor, Selenium, Specific Conductivity, Trash

55. Las Flores Beach

DDT (Dichlorodiphenyltrichloroethane), Indicator Bacteria, PCBs (Polychlorinated biphenyls)

56. Las Tunas Beach

DDT (Dichlorodiphenyltrichloroethane), Indicator Bacteria, PCBs (Polychlorinated biphenyls)

57. Legg Lake

Ammonia, DDT (Dichlorodiphenyltrichloroethane), Odor, PCBs (Polychlorinated biphenyls), pH, Trash

58. Lincoln Park Lake

Ammonia, Eutrophic, Odor, Organic Enrichment/Low Dissolved Oxygen, PCBs (Polychlorinated biphenyls), Trash

59. Lindero Creek Reach 1

Algae, Benthic Community Effects, Indicator Bacteria, Invasive Species, Scum/Foam-unnatural, Selenium, Trash

60. Long Beach City Beach

Indicator Bacteria

61. Long Point Beach

DDT (Dichlorodiphenyltrichloroethane), PCBs (Polychlorinated biphenyls)

62. Los Angeles Harbor - Cabrillo Marina

Benzo(a)pyrene, DDT (Dichlorodiphenyltrichloroethane), PCBs (Polychlorinated biphenyls)

63. Los Angeles Harbor - Consolidated Slip

2-Methylnaphthalene, Benthic Community Effects, Benzo(a)anthracene, Benzo(a)pyrene, Cadmium (sediment), Chlordane (tissue & sediment), Chromium, Chrysene (C1-C4), Copper (sediment), DDT (tissue & sediment), Dieldrin, Lead (sediment), Mercury (sediment), PCBs (Polychlorinated biphenyls) (tissue & sediment), Phenanthrene, Pyrene, Toxaphene (tissue), Toxicity, Zinc (sediment)

64. Los Angeles Harbor - Fish Harbor

Benzo(a)anthracene, Benzo(a)pyrene, Chlordane, Chrysene (C1-C4), Copper, DDT (Dichlorodiphenyltrichloroethane), Dibenz[a,h]anthracene, Lead, Mercury, PAHs (Polycyclic Aromatic Hydrocarbons), PCBs (Polychlorinated biphenyls), Phenanthrene, Pyrene, Toxicity, Zinc

65. Los Angeles Harbor - Inner Cabrillo Beach Area

DDT (Dichlorodiphenyltrichloroethane), Indicator Bacteria, PCBs (Polychlorinated biphenyls)

66. Los Angeles River Estuary (Queensway Bay)

Chlordane, DDT (sediment), PCBs (Polychlorinated biphenyls) (sediment), Toxicity, Trash

67. Los Angeles River Reach 1 (Estuary to Carson Street)

Ammonia, Cadmium, Dissolved Copper, Cyanide, Indicator Bacteria, Lead, Nutrients (Algae), pH, Trash, Dissolved Zinc

68. Los Angeles River Reach 2 (Carson to Figueroa Street)

Ammonia, Copper, Indicator Bacteria, Lead, Nutrients (Algae), Oil, Trash

69. Los Angeles River Reach 3 (Figueroa St. to Riverside Dr.)

Ammonia, Copper, Indicator Bacteria, Nutrients (Algae), Toxicity, Trash

70. Los Angeles River Reach 4 (Sepulveda Dr. to Sepulveda Dam)

Indicator Bacteria, Nutrients (Algae), Toxicity, Trash

71. Los Angeles River Reach 5 (within Sepulveda Basin)

Ammonia, Benthic Community Effects, Copper, Lead, Nutrients (Algae), Oil, Toxicity, Trash

72. Los Angeles River Reach 6 (Above Sepulveda Flood Control Basin)

Copper, Indicator Bacteria, Selenium, Toxicity

73. Los Angeles/Long Beach Inner Harbor

Benthic Community Effects, Benzo(a)pyrene, Chrysene (C1-C4), Copper, DDT (Dichlorodiphenyltrichloroethane), PCBs (Polychlorinated biphenyls), Toxicity, Zinc

74. Los Angeles/Long Beach Outer Harbor (inside breakwater)

DDT (Dichlorodiphenyltrichloroethane), PCBs (Polychlorinated biphenyls), Toxicity

75. Los Cerritos Channel

Ammonia, Bis(2ethylhexyl)phthalate (DEHP), Chlordane (sediment), Copper, Indicator Bacteria, Lead, pH, Trash, Zinc

76. Lunada Bay Beach

Indicator Bacteria

77. Machado Lake (Harbor Park Lake)

Algae, Ammonia, ChemA, Chlordane (tissue), DDT (tissue), Dieldrin (tissue), Eutrophic, Odor, PCBs (Polychlorinated biphenyls) (tissue), Trash

78. Malaga Cove Beach

DDT (Dichlorodiphenyltrichloroethane), PCBs (Polychlorinated biphenyls)

79. Malibou Lake

Algae, Dieldrin, Eutrophic, Organic Enrichment/Low Dissolved Oxygen

80. Malibu Beach

DDT (Dichlorodiphenyltrichloroethane) , Indicator Bacteria

81. Malibu Creek

Benthic Community Effects, Fish Barriers (Fish Passage), Indicator Bacteria, Invasive Species, Nutrients (Algae), Scum/Foam-unnatural, Sedimentation/Siltation, Selenium, Sulfates, Toxicity, Trash

82. Malibu Lagoon

Benthic Community Effects, Eutrophic, Indicator Bacteria, pH, Swimming Restrictions, Viruses (enteric)

83. Malibu Lagoon Beach (Surfrider)

Coliform Bacteria, DDT (Dichlorodiphenyltrichloroethane), PCBs (Polychlorinated biphenyls)

84. Marina del Rey Harbor

Chlordane, Copper, DDT (Dichlorodiphenyltrichloroethane), Dieldrin, Indicator Bacteria, Lead, Dissolved Oxygen, PCBs (Polychlorinated biphenyls), Toxicity, Zinc

85. Marina del Rey Harbor Beach

Indicator Bacteria

86. McCoy Canyon Creek

Indicator Bacteria, Nitrate, Nitrogen, Nitrate, Selenium, Total

87. Medea Creek Reach 1 (Lake to Confl. with Lindero)

Algae, Benthic Community Effects, Indicator Bacteria, Sedimentation/Siltation, Selenium, Trash

88. Mint Canyon Creek Reach 1 (Confl to Rowler Cyn)

Nitrate and Nitrite

89. Monrovia Canyon Creek

Lead

90. Munz Lake

Eutrophic, Trash

91. Nicholas Canyon Beach

DDT (Dichlorodiphenyltrichloroethane), PCBs (Polychlorinated biphenyls)

92. Palo Verde Shoreline Park Beach

Pathogens, Pesticides

93. Paradise Cove Beach

DDT (Dichlorodiphenyltrichloroethane), Indicator Bacteria, PCBs (Polychlorinated biphenyls)

94. Peck Road Park Lake

Chlordane (tissue), DDT (tissue), Odor, Organic Enrichment/Low Dissolved Oxygen, Trash

95. Point Dume Beach

DDT (Dichlorodiphenyltrichloroethane), PCBs (Polychlorinated biphenyls)

96. Point Fermin Park Beach

DDT (Dichlorodiphenyltrichloroethane), PCBs (Polychlorinated biphenyls)

97. Point Vicente Beach

Indicator Bacteria

98. Portuguese Bend Beach

DDT (Dichlorodiphenyltrichloroethane), PCBs (Polychlorinated biphenyls)

99. Puddingstone Reservoir

Chlordane, DDT (Dichlorodiphenyltrichloroethane), Mercury, Organic Enrichment/Low Dissolved Oxygen, PCBs (Polychlorinated biphenyls)

100. Puente Creek

Indicator Bacteria, Selenium

101. Puerco Beach

DDT (Dichlorodiphenyltrichloroethane), Indicator Bacteria, PCBs (Polychlorinated biphenyls)

102. Pyramid Lake

Chlordane

DDT (Dichlorodiphenyltrichloroethane), Dieldrin, Mercury, PCBs (Polychlorinated biphenyls)

103. Redondo Beach

DDT (Dichlorodiphenyltrichloroethane), Indicator Bacteria, PCBs (Polychlorinated biphenyls)

104. Resort Point Beach

Indicator Bacteria

105. Rio Hondo Reach 1 (Confluence LA River to Santa Ana Fwy)

Copper, Indicator Bacteria, Lead, pH, Toxicity, Trash, Zinc

106. Rio Hondo Reach 2 (At Spreading Grounds)

Coliform Bacteria, Cyanide

107. Rio Hondo Reach 3 (above Spreading Grounds)

Indicator Bacteria, Iron, Dissolved Oxygen

108. Robert H. Meyer Memorial Beach

DDT (Dichlorodiphenyltrichloroethane), PCBs (Polychlorinated biphenyls)

109. Royal Palms Beach

DDT (Dichlorodiphenyltrichloroethane), PCBs (Polychlorinated biphenyls)

110. San Gabriel River Reach 1 (Estuary to Firestone)

pH

Temperature, water

111. San Gabriel River Reach 2 (Firestone to Whittier Narrows Dam)

Cyanide, Lead, Temperature, water

112. San Gabriel River Reach 3 (Whittier Narrows to Ramona)

Indicator Bacteria

113. San Gabriel River, East Fork

Benthic Community Effects, Trash

114. San Jose Creek Reach 1 (SG Confluence to Temple St.)

Ammonia, Indicator Bacteria, pH, Total Dissolved Solids, Toxicity

115. San Jose Creek Reach 2 (Temple to I-10 at White Ave.)

Indicator Bacteria

116. San Pedro Bay Near/Off Shore Zones

Chlordane, PCBs (Polychlorinated biphenyls), Total DDT (sum of 4,4'- and 2,4'- isomers of DDT, DDE, and DDD), Toxicity

117. Santa Clara River Reach 6 (W Pier Hwy 99 to Bouquet Cyn Rd) (was named Santa Clara River Reach 8 on 2002 303(d) list)

Chloride, Chlorpyrifos, Temperature, water, Toxicity

118. Santa Clara River Reach 7 (Bouquet Canyon Rd to above Lang Gaging Station) (was named Santa Clara River Reach 9 on 2002 303(d) list)

Indicator Bacteria

119. Santa Fe Dam Park Lake

PCBs (Polychlorinated biphenyls) , pH

120. Santa Monica Bay Offshore/Nearshore

Arsenic, DDT (Dichlorodiphenyltrichloroethane), Mercury, PCBs (Polychlorinated biphenyls) , Trash

121. Santa Monica Beach

Indicator Bacteria

122. Santa Monica Canyon

Indicator Bacteria, Lead

123. Sawpit Creek

Bis(2ethylhexyl)phthalate (DEHP) , Indicator Bacteria

124. Sea Level Beach

DDT (Dichlorodiphenyltrichloroethane), Indicator Bacteria, PCBs (Polychlorinated biphenyls)

125. Sepulveda Canyon

Copper, Indicator Bacteria, Lead, Selenium, Zinc

126. South San Jose Creek (Los Angeles County)

Ammonia, pH, Toxicity

127. Stokes Creek

Indicator Bacteria

128. Topanga Beach

DDT (Dichlorodiphenyltrichloroethane), Indicator Bacteria, PCBs (Polychlorinated biphenyls)

129. Topanga Canyon Creek

Lead

130. Torrance Beach

Indicator Bacteria

131. Torrance Carson Channel

Copper, Indicator Bacteria, Lead

132. Trancas Beach (Broad Beach)

DDT (Dichlorodiphenyltrichloroethane), Indicator Bacteria, PCBs (Polychlorinated biphenyls)

133. Triunfo Canyon Creek Reach 1

Benthic Community Effects, Lead, Mercury, Sedimentation/Siltation

134. Triunfo Canyon Creek Reach 2

Benthic Community Effects, Lead, Mercury, Sedimentation/Siltation

135. Tujunga Wash (LA River to Hansen Dam)

Sedimentation/Siltation, Ammonia, Copper, Indicator Bacteria, Trash

136. Venice Beach

Indicator Bacteria

137. Verdugo Wash Reach 1 (LA River to Verdugo Rd.)

Copper, Indicator Bacteria, Trash

138. Verdugo Wash Reach 2 (Above Verdugo Road)

Indicator Bacteria, Trash

139. Walnut Creek Wash (Drains from Puddingstone Res)

Benthic Community Effects, Indicator Bacteria

pH

140. Whites Point Beach

DDT (Dichlorodiphenyltrichloroethane), Indicator Bacteria, PCBs (Polychlorinated biphenyls)

141. Wildlife Lake

Ammonia, Oxygen, Dissolved

142. Will Rogers Beach

Indicator Bacteria

143. Wilmington Drain

Indicator Bacteria

144. Zuma Beach (Westward) Beach

DDT (Dichlorodiphenyltrichloroethane), Indicator Bacteria, PCBs (Polychlorinated biphenyls)

145. Littlerock Reservoir

Manganese, Mercury, PCBs (Polychlorinated biphenyls)

146. Palmdale Lake

Dieldrin

147. Mission Bay Shoreline, at North Cove Beach at Vacation Isle

Indicator Bacteria

Los Angeles, Orange County

148. Artesia-Norwalk Drain

Indicator Bacteria, Selenium

149. San Gabriel River Estuary

Copper, Dioxin, Indicator Bacteria, Nickel, Dissolved Oxygen

150. Coyote Creek

Copper, Dissolved, Indicator Bacteria, Iron, Malathion, pH, Toxicity

Los Angeles, San Bernardino County

151. San Antonio Creek

pH

Los Angeles, Ventura County

152. Bell Creek

Indicator Bacteria

153. Las Virgenes Creek

Benthic Community Effects, Indicator Bacteria, Invasive Species, Nutrients (Algae), Organic Enrichment/Low Dissolved Oxygen, Scum/Foam-unnatural, Sedimentation/Siltation, Selenium, Trash

154. Lindero Creek Reach 2 (Above Lake)

Algae, Indicator Bacteria, Scum/Foam-unnatural, Selenium, Trash

155. Medea Creek Reach 2 (Abv Confl. with Lindero)

Algae, Benthic Community Effects, Indicator Bacteria, Invasive Species, Sedimentation/Siltation, Selenium, Trash

156. Palo Comado Creek

Indicator Bacteria

157. Santa Clara River Reach 5 (Blue Cut gaging station to West Pier Hwy 99 Bridge) (was named Santa Clara River Reach 7 on 2002 303(d) list)

Indicator Bacteria, Chloride, Indicator Bacteria, Iron, Trash

158. Santa Clara River Reach 11 (above Santa Felicia Dam)

Chloride, pH, Toxicity

159. Westlake Lake

Algae, Ammonia, Eutrophic, Lead, Organic Enrichment/Low Dissolved Oxygen

Orange County

160. Seal Beach (Orange County)

Indicator Bacteria, PCBs (Polychlorinated biphenyls)

161. Anaheim Bay

Nickel, PCBs (Polychlorinated biphenyls), Toxicity

162. Balboa Beach

DDT (Dichlorodiphenyltrichloroethane), Dieldrin, PCBs (Polychlorinated biphenyls)

163. Bolsa Bay Marsh

Toxicity

164. Bolsa Chica Channel

Ammonia (Unionized), Indicator Bacteria, pH

165. Bolsa Chica Ecological Reserve

Toxicity

166. Bolsa Chica State Beach

Copper, Nickel

167. Bonita Creek

Benthic Community Effects, Toxicity

168. Borrego Creek (from Irvine Blvd to San Diego Creek Reach 2)

Ammonia (Unionized), Indicator Bacteria

169. Buck Gully Creek

Indicator Bacteria

170. East Garden Grove Wintersburg Channel

Ammonia (Unionized)

171. Huntington Beach State Park

PCBs (Polychlorinated biphenyls)

172. Huntington Harbour

Chlordane, Copper, Indicator Bacteria, Lead, PCBs (Polychlorinated biphenyls), Toxicity

173. Little Corona Del Mar Beach

Indicator Bacteria

174. Los Trancos Creek (Crystal Cove Creek)

Indicator Bacteria

175. Morning Canyon Creek

Indicator Bacteria

176. Newport Bay, Lower (entire lower bay, including Rhine Channel, Turning Basin and South Lido Channel to east end of H-J Moorings)

Chlordane, Copper, DDT (Dichlorodiphenyltrichloroethane), Indicator Bacteria, Nutrients, PCBs (Polychlorinated biphenyls), Toxicity

177. Newport Bay, Upper (Ecological Reserve)

Chlordane, Copper, DDT (Dichlorodiphenyltrichloroethane), Indicator Bacteria, Malathion, Nutrients, PCBs (Polychlorinated biphenyls), Sedimentation/Siltation, Toxicity

178. Newport Slough

Indicator Bacteria

179. Peters Canyon Wash (Orange County)

Benthic Community Effects, DDT (Dichlorodiphenyltrichloroethane), Indicator Bacteria, Malathion, pH, Selenium, Toxaphene, Toxicity

180. Rhine Channel

Copper, Lead, Mercury, PCBs (Polychlorinated biphenyls), Toxicity, Zinc

181. San Diego Creek Reach 1

Benthic Community Effects, DDT (Dichlorodiphenyltrichloroethane), Indicator Bacteria, Malathion

Nutrients, Sedimentation/Siltation, Selenium, Toxaphene, Toxicity

182. San Diego Creek Reach 2

Benthic Community Effects, Indicator Bacteria, Nutrients, Sedimentation/Siltation, Toxicity

183. Santiago Creek, Reach 4

Salinity/TDS/Chlorides, Toxicity

184. Serrano Creek

Ammonia (Unionized), Benthic Community Effects, Indicator Bacteria, pH, Toxicity

185. Silverado Creek

Salinity/TDS/Chlorides, Toxicity

186. Talbert Channel (Orange County)

Toxicity

187. Aliso Creek

Benthic Community Effects, Indicator Bacteria, Malathion, Nitrogen, Phosphorus, Selenium, Toxicity

188. Aliso Creek (mouth)

Indicator Bacteria, Toxicity

189. Arroyo Trabuco Creek, Lower

Benthic Community Effects, Indicator Bacteria, Nitrogen, Phosphorus, Toxicity

190. Arroyo Trabuco Creek, Upper

Toxicity

191. Bell Canyon Creek

Toxicity

192. Dana Point Harbor

Copper, Indicator Bacteria, Oxygen, Dissolved, Toxicity, Zinc

193. English Canyon

Benthic Community Effects, Benzo[b]fluoranthene, Dieldrin, Phosphorus, Selenium, Total Nitrogen as N, Toxicity

194. Laguna Canyon Channel

Benthic Community Effects, Indicator Bacteria, Phosphorus, Total Nitrogen as N, Toxicity

195. Moro Canyon Creek

Nitrogen, Phosphorus, Selenium, Toxicity

196. Oso Creek (at Mission Viejo Golf Course)

Chloride, Sulfates, Total Dissolved Solids

197. Oso Creek (lower)

Nitrogen, Phosphorus, Selenium, Toxicity

198. Pacific Ocean Shoreline, Aliso HSA, at Aliso Beach

Indicator Bacteria, Toxicity

199. Pacific Ocean Shoreline, Dana Point HSA

Indicator Bacteria, Toxicity

200. Pacific Ocean Shoreline, Laguna Beach HAS

Indicator Bacteria

201. Pacific Ocean Shoreline, Lower San Juan HAS

Indicator Bacteria

202. Pacific Ocean Shoreline, San Clemente HA

Indicator Bacteria

203. Pacific Ocean Shoreline, Tijuana HU

Indicator Bacteria

204. Prima Deshecha Creek

Cadmium, Indicator Bacteria, Malathion, Nitrogen, Phosphorus, Selenium, Turbidity

205. San Juan Creek (mouth)

Cadmium, Copper, Indicator Bacteria, Nickel, Nitrogen, ammonia (Total Ammonia)

206. Segunda Deshecha Creek

Benthic Community Effects, Indicator Bacteria, Malathion, Nitrogen, Phosphorus, Selenium, Toxicity, Turbidity

207. Tijeras Canyon

Benthic Community Effects, Phosphorus

208. Wood Canyon (Orange County)

Benthic Community Effects, Diazinon, Selenium

Orange, Riverside County**209. San Juan Creek**

Benthic Community Effects, Bifenthrin, DDE (Dichlorodiphenyldichloroethylene), Indicator Bacteria, Nitrogen, Oxygen, Dissolved, Phosphorus, Pyrethroids, Selenium, Toxicity

Orange, San Diego County**210. Cristianitos Creek**

Cadmium, Indicator Bacteria, Selenium

211. Salt Creek (Orange County)

Benthic Community Effects, Imidacloprid, Malathion

Toxicity

Riverside County

212. Coachella Valley Storm Water Channel

Ammonia, DDT (Dichlorodiphenyltrichloroethane), Dieldrin, Disulfoton, Indicator Bacteria, Oxygen, Dissolved, PCBs (Polychlorinated biphenyls), Toxaphene, Toxicity

213. Deep Canyon Creek (Morongo Area)

Iron

Turbidity

214. Hathaway Creek

Turbidity

215. Hathaway Creek, unnamed tributary

Iron

Turbidity

216. Potrero Creek

Turbidity

217. West Branch Millard Canyon Creek

Turbidity

218. Canyon Lake (Railroad Canyon Reservoir)

Nutrients

219. Chino Creek Reach 1A (Santa Ana River R3 confl to just downstream of confl with Mill Creek)

Indicator Bacteria, Nutrients

220. Elsinore, Lake

DDT (Dichlorodiphenyltrichloroethane), Nutrients, Organic Enrichment/Low Dissolved Oxygen, PCBs (Polychlorinated biphenyls), Toxicity

221. Goldenstar Creek

Indicator Bacteria

222. San Timoteo Creek Reach 3 (Yucaipa Creek to Headwaters)

Indicator Bacteria

223. Santa Ana River, Reach 3

Copper, Indicator Bacteria, Lead

224. Adobe Creek (Riverside County)

Bifenthrin, Cyhalothrin, Lambda, Esfenvalerate/Fenvalerate, Indicator Bacteria, Iron, Manganese, Mercury, Nitrogen, Phosphorus, Pyrethroids, Turbidity

225. Diamond Valley Lake

Mercury

226. Murrieta Creek

Benthic Community Effects, Bifenthrin, Chlorpyrifos, Copper, Cyhalothrin, Lambda, Indicator Bacteria, Iron, Manganese, Mercury, Nitrogen, Oxygen, Dissolved, Phosphorus, Pyrethroids, Toxicity, Turbidity

227. Redhawk Channel

Chlorpyrifos, Copper, Diazinon, Indicator Bacteria, Iron, Manganese, Nitrogen, Phosphorus, Total , Dissolved Solids

228. Santa Gertrudis Creek

Chlorpyrifos, Copper, Indicator Bacteria, Iron, Manganese, Nitrogen, Phosphorus

229. Skinner Lake

PCBs (Polychlorinated biphenyls)

230. Unnamed Tributary to French Valley

Nitrogen, Phosphorus

231. Warm Springs Creek (Riverside County)

Chlorpyrifos, Indicator Bacteria, Iron, Manganese, Nitrogen, Phosphorus

Riverside, San Bernardino County**232. Chino Creek Reach 1B (Mill Creek confl to start of concrete lined channel)**

Chemical oxygen demand (COD), Indicator Bacteria, Nutrients

233. Cucamonga Creek Reach 1 (Valley Reach)

Cadmium, Copper, Lead, Zinc

234. Mill Creek (Prado Area)

Indicator Bacteria, Nutrients, Total Suspended Solids (TSS)

235. Prado Basin Management Zone

pH

236. San Timoteo River Reach 2 (Gage at San Timoteo to confluence with Yucaipa Creek)

Indicator Bacteria

237. Santa Ana River, Reach 4

Indicator Bacteria

Riverside, San Diego County

238. De Luz Creek

Iron, Manganese, Nitrogen, Sulfates

239. De Luz Creek, unnamed tributary at De Luz Murrieta Road

Chloride, Nitrogen, Sulfates

240. Long Canyon Creek (tributary to Murrieta Creek)

Chlorpyrifos, Iron, Manganese, Nitrogen, Phosphorus

241. Rainbow Creek

Aluminum, Benthic Community Effects, Fenpyroximate, Imidacloprid, Iron, Nitrate/Nitrite (Nitrite + Nitrate as N), Nitrogen, Phosphorus, Sulfates, Total Dissolved Solids, Turbidity

242. Sandia Creek

Aluminum, Ammonia (Unionized), Iron, Manganese, Nitrogen, Selenium, Silver, Sulfates, Total Dissolved Solids

243. Santa Margarita River (Upper)

Benthic Community Effects, Bifenthrin, Cyhalothrin, Lambda, Indicator Bacteria, Iron, Manganese, Nitrogen, Phosphorus, Pyrethroids, Total Dissolved Solids, Toxicity, Turbidity

244. Temecula Creek

Benthic Community Effects, Bifenthrin, Chlorpyrifos, Copper, Cyfluthrin, Cyhalothrin, Lambda, Indicator Bacteria, Iron, Manganese, Mercury, Nitrogen, Permethrin, Phosphorus, Pyrethroids, Sulfates, Total Dissolved Solids, Toxicity, Turbidity

San Bernardino County

245. Arrowhead, Lake

Mercury

246. Crab Creek

Oxygen, Dissolved, Total Dissolved Solids

247. Deep Creek (below Lake) (San Bernardino County)

Chloride, Oxygen, Dissolved, Phosphate, Sodium, Sulfates, Total Dissolved Solids

248. Gregory, Lake

Chlordane, Mercury

249. Holcomb Creek

Fluoride, Sulfates, Total Dissolved Solids

250. Mojave River (Mojave Forks Reservoir outlet to Upper Narrows)

Fluoride, Sodium, Sulfates, Fluoride, Manganese, Dissolved Oxygen, Sodium, Sulfates, Total Dissolved Solids

251. Searles Lake

Salinity/TDS/Chlorides, Total Petroleum Hydrocarbons

252. Sheep Creek

Nitrogen, Nitrate, Dissolved Oxygen, Total Dissolved Solids

253. Silverwood Lake

Mercury, PCBs (Polychlorinated biphenyls)

254. West Fork Mojave River below Silverwood Lake

Chloride, Sodium, Sulfates, Total Dissolved Solids

255. Colorado River and Associated Lakes and Reservoirs (California-Nevada border to Lake Havasu)

Toxicity

256. Havasu, Lake

Low Dissolved Oxygen

257. Big Bear Lake

Chlordane, DDT (Dichlorodiphenyltrichloroethane), Mercury, Noxious aquatic plants, Nutrients, PCBs (Polychlorinated biphenyls)

258. Chino Creek Reach 2 (Beginning of concrete channel to confl w San Antonio Creek)

Indicator Bacteria, pH

259. Cucamonga Creek Reach 2 (Mountain Reach)

pH

260. Grout Creek

Nutrients

261. Knickerbocker Creek

Indicator Bacteria

262. Mill Creek Reach 1

Indicator Bacteria

263. Mountain Home Creek

Indicator Bacteria

264. Mountain Home Creek, East Fork

Indicator Bacteria

265. Prado Park Lake

Indicator Bacteria, Nutrients

266. Rathbone (Rathbun) Creek

Cadmium, Copper, Nutrients, Sedimentation/Siltation

267. San Timoteo Creek Reach 1A (Santa Ana River to Confluence to Barton Rd)

Indicator Bacteria

268. Santa Ana River Reach 6

Cadmium, Copper, Lead

269. Summit Creek

Nutrients

270. Warm Creek

Indicator Bacteria

Ventura County

271. Arundell Barranca (Ventura County)

Indicator Bacteria

272. Boulder Creek (Ventura County)

Bifenthrin, Toxicity

273. Brown Barranca/Long Canyon

Nitrate and Nitrite

274. Calleguas Creek Reach 1

Chlordane (tissue), Copper, DDT (tissue & sediment), Dieldrin, Endosulfan (tissue), Mercury, Nickel, Nitrogen, PCBs (Polychlorinated biphenyls) (tissue), Sedimentation/Siltation, Toxaphene, Toxicity, Zinc

275. Calleguas Creek Reach 10 (Arroyo Conejo: Conejo Creek to North Fork Arroyo Conejo)

Ammonia, ChEM A (tissue), Chlordane, Chloride, Chlorpyrifos, DDT (tissue), Diazinon, Dieldrin, Indicator, Bacteria, Malathion, Nitrogen, Nitrite, PCBs (Polychlorinated biphenyls), Sulfates, Total Dissolved Solids, Toxaphene (tissue & sediment), Toxicity, Trash

276. Calleguas Creek Reach 11 (Arroyo Santa Rosa)

Ammonia, ChEM A (tissue), , Chlordane, DDT (tissue), Dieldrin, Endosulfan (tissue), Indicator Bacteria, PCBs (Polychlorinated biphenyls), Sedimentation/Siltation, Sulfates, Total Dissolved Solids, Toxaphene (tissue & sediment), Toxicity

277. Calleguas Creek Reach 12 (North Fork Arroyo Conejo)

Chlordane (tissue), DDT (tissue), Dieldrin, PCBs (Polychlorinated biphenyls), Sulfates, Total Dissolved Solids, Toxaphene

278. Calleguas Creek Reach 13 (Arroyo Conejo above North Fork Arroyo Conejo)

Ammonia, ChEM A (tissue), Chlordane, Chloride, DDT (tissue), Dieldrin, Endosulfan (tissue), PCBs , Polychlorinated biphenyls), Sulfates, Total Dissolved Solids, Toxaphene (tissue & sediment), Toxicity

279. Calleguas Creek Reach 2 (Estuary to Potrero Rd.)

Ammonia, ChEM A, Chlordane, Copper, DDT (Dichlorodiphenyltrichloroethane), Dieldrin, Endosulfan, Indicator Bacteria, PCBs (Polychlorinated biphenyls), Sedimentation/Siltation, Toxaphene, Toxicity, Trash

280. Calleguas Creek Reach 3 (Potrero Rd. to Conejo Creek)

Ammonia, Chlordane, Chloride, DDT (Dichlorodiphenyltrichloroethane), Dieldrin, Indicator Bacteria, Nitrate and Nitrite, PCBs (Polychlorinated biphenyls), Sedimentation/Siltation, Total Dissolved Solids, Toxaphene, Trash

281. Calleguas Creek Reach 4 (Revolon Slough)

ChemA (tissue), Chlordane (tissue & sediment), Chlorpyrifos (tissue), Diazinon, Dieldrin (tissue), Endosulfan (tissue & sediment), Fecal Coliform, Nitrate as Nitrate (NO₃), Nitrogen, PCBs , Polychlorinated biphenyls) (tissue), Sedimentation/Siltation, Selenium, Total DDT (sum of 4,4'- and 2,4'- isomers of DDT, DDE, and DDD), Toxaphene (tissue & sediment), Toxicity

Trash

282. Calleguas Creek Reach 5 (Beardsley Channel)

ChemA (tissue), Chlordane (tissue & sediment), Chlorpyrifos (tissue), DDT (tissue & sediment), Diazinon, Dieldrin (tissue), Endosulfan (tissue & sediment), Nitrogen, PCBs (Polychlorinated biphenyls) (tissue), Sedimentation/Siltation, Toxaphene (tissue & sediment), Toxicity, Trash

283. Calleguas Creek Reach 6 (Conejo Creek to Hitch Rd.)

Ammonia, Chlordane, Chloride, Chlorpyrifos, DDT (sediment), Diazinon, Dieldrin, Indicator Bacteria, Nitrate and Nitrite, Nitrate as Nitrate (NO₃), Sedimentation/Siltation, Sulfates, Total Dissolved Solids, Toxicity

284. Calleguas Creek Reach 7 (Arroyo Simi)

Ammonia, Boron, Chloride, Chlorpyrifos, Diazinon, Indicator Bacteria, Organophosphate Pesticides, Sedimentation/Siltation, Sulfates, Total Dissolved Solids, Toxicity, Trash

285. Calleguas Creek Reach 8 (Tapo Canyon Creek)

Boron, Chlordane, Chloride, Chlorpyrifos, DDT (Dichlorodiphenyltrichloroethane), Diazinon, Dieldrin, PCBs (Polychlorinated biphenyls), Sedimentation/Siltation, Sulfates, Total Dissolved Solids, Toxaphene

286. Calleguas Creek Reach 9A (Conejo Creek: Calleguas Creek Reach 3 to Camrosa Diversion)

ChemA (tissue), Chlordane (tissue), Chlorpyrifos, DDT (tissue), Diazinon, Dieldrin (tissue), Endosulfan (tissue), Indicator Bacteria, Lindane/gamma-Hexachlorocyclohexane (gamma-HCH) (tissue), Nitrate as , Nitrate (NO₃), Nitrogen as Nitrate, Nitrogen as Nitrite, PCBs (Polychlorinated biphenyls) (tissue), Sulfates, Total Dissolved Solids, Toxaphene (tissue & sediment), Toxicity, Trash

287. Calleguas Creek Reach 9B (Conejo Creek: Camrosa Diversion to Arroyo Santa Rosa)

Ammonia, ChemA (tissue), Chlordane, Chloride, Chlorpyrifos, DDT (tissue), Diazinon, Dieldrin, Endosulfan (tissue), Indicator Bacteria, PCBs (Polychlorinated biphenyls), Sulfates, Total Dissolved Solids, Toxaphene (tissue & sediment), Toxicity, Trash

288. Canada Larga (Ventura River Watershed)

Indicator Bacteria, Dissolved Oxygen, Total Dissolved Solids

289. Casitas, Lake

Mercury

290. Channel Islands Harbor Beach

Indicator Bacteria

291. Duck Pond Agricultural Drains/Mugu Drain/Oxnard Drain No 2

Bifenthrin, ChemA, Chlordane, Chlorpyrifos, DDD (Dichlorodiphenyldichloroethane), DDE , Dichlorodiphenyldichloroethylene), DDT (Dichlorodiphenyltrichloroethane), Nitrogen, Toxaphene, Toxicity

292. Ellsworth Barranca

Chlorpyrifos

293. Fox Barranca (tributary to Calleguas Creek Reach 6)

Boron, Chlordane, DDD (Dichlorodiphenyldichloroethane), DDE (Dichlorodiphenyldichloroethylene), DDT (Dichlorodiphenyltrichloroethane), Nitrate and Nitrite, Sulfates, Total Dissolved Solids

294. Hobie Beach (Channel Islands Harbor)

Indicator Bacteria

295. Honda Barranca

Bifenthrin, Chlordane, Chlorpyrifos, DDD (Dichlorodiphenyldichloroethane), DDE (Dichlorodiphenyldichloroethylene), DDT (Dichlorodiphenyltrichloroethane)

296. Hopper Creek

Sulfates, Total Dissolved Solids

297. Hueneme Beach Park

Indicator Bacteria

298. Hueneme Drain

Escherichia coli (E. coli), Trash

299. J Street Drain (Ventura County)

Trash

300. Lake Sherwood

Algae, Eutrophic, Mercury (tissue)

301. McGrath Beach

Indicator Bacteria

302. McGrath Lake

Chlordane, DDT (Dichlorodiphenyltrichloroethane), Dieldrin (sediment), Indicator Bacteria, PCBs (Polychlorinated biphenyls) (sediment), Toxicity

303. Ormond Beach

Indicator Bacteria

304. Ormond Beach Wetlands

Indicator Bacteria, pH, Trash

305. Oxnard Drain

Escherichia coli (E. coli), Nitrogen, Nitrate, pH, Trash

306. Peninsula Beach

Indicator Bacteria

307. Piru Creek (Santa Clara River Reach 4A to Santa Paula Water Works Diversion Dam)

Boron, Specific Conductance, Sulfates, Total Dissolved Solids

308. Point Mugu Beach

Indicator Bacteria

309. Pole Creek (trib to Santa Clara River Reach 3)

Sulfates, Total Dissolved Solids

310. Port Hueneme Harbor (Back Basins)

Arsenic, DDT (Dichlorodiphenyltrichloroethane), Dieldrin, PAHs (Polycyclic Aromatic Hydrocarbons)

PCBs (Polychlorinated biphenyls)

311. Port Hueneme Pier

PCBs (Polychlorinated biphenyls)

312. Potrero Canyon Creek

Oxygen, Dissolved

313. Rincon Parkway Beach

Indicator Bacteria

314. Rio De Santa Clara/Oxnard Drain No. 3

Ammonia, ChemA (tissue), Chlordane (tissue), DDD (Dichlorodiphenyldichloroethane), DDE (Dichlorodiphenyldichloroethylene), DDT (tissue), Nitrogen, PCBs (Polychlorinated biphenyls), Toxaphene (tissue), Toxicity

315. San Antonio Creek (Tributary to Ventura River Reach 4)

Indicator Bacteria, Nitrogen, Total Dissolved Solids

316. San Buenaventura Beach

Indicator Bacteria

317. Sanjon Barranca Creek

Escherichia coli (E. coli), Trash

318. Santa Clara River Estuary

Ammonia, ChemA, Indicator Bacteria, Toxaphene, Toxicity

319. Santa Clara River Reach 1 (Estuary to Hwy 101 Bridge)

Oxygen, Dissolved, pH, Toxicity, Trash

320. Santa Clara River Reach 3 (Freeman Diversion to A Street)

Chloride, Indicator Bacteria, Selenium, Total Dissolved Solids, Toxicity, Trash

321. Santa Clara River Reach 10 (above Little Sespe Creek), Santa Clara River Reach 4A (A Street, Fillmore to Piru Creek)

Chloride, pH

322. Santa Clara River Reach 4A (A Street, Fillmore to Piru Creek)

Trash

323. Santa Paula Creek Reach 1 (confluence w Santa Clara River to Diverson Dam)

Trash

324. Sespe Creek (Santa Clara River Reach 3 to Little Sespe Creek)

Trash

325. Surfers Point at Seaside

Indicator Bacteria

326. Tapo Canyon

Chlordane, Chloride, DDD (Dichlorodiphenyldichloroethane), DDE (Dichlorodiphenyldichloroethylene), Malathion, Sulfates, Total Dissolved Solids, Toxicity

327. Timber Canyon

Torrey Canyon Creek

328. Torrey Canyon Creek

Nitrate and Nitrite

329. Ventura Harbor: Ventura Keys

Arsenic, Coliform Bacteria, Dieldrin, Indicator Bacteria, PCBs (Polychlorinated biphenyls)

330. Ventura Marina Jetties

DDT (Dichlorodiphenyltrichloroethane), PCBs (Polychlorinated biphenyls)

331. Ventura River Estuary

Algae, Eutrophic, Indicator Bacteria, Trash

332. Ventura River Reach 1 and 2 (Estuary to Weldon Canyon)

Algae, Benthic Community Effects

333. Ventura River Reach 3 (Weldon Canyon to Confl. w/ Coyote Cr)

Indicator Bacteria, Toxicity

334. Ventura River Reach 4 (Coyote Creek to Camino Cielo Rd)

Temperature, water

335. Wheeler Canyon/Todd Barranca

Chlordane, Cypermethrin, DDT (Dichlorodiphenyltrichloroethane), Nitrate and Nitrite, Sulfates, Total Dissolved Solids, Toxaphene, Toxicity