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<b>Filer:</b>	Kathryn Stevens
<b>Organization:</b>	WSP USA Inc.
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## **Appendix B   Photo Log**



Photo 1. Looking southeast at Drainage 1 from the north side of the SCE Whirlwind substation.



Photo 2. Midstream of Drainage 1 looking northwest upstream.





Photo 3. Looking southeast at Drainage 2a from the northeast corner of the SCE Whirlwind substation. This feature is considered a flow diversion for the electrical facility.



Photo 4. Looking west at Drainage 2a along the northern side of the SCE Whirlwind substation toward Drainage 1.





Photo 5. Looking south at Drainage 2b along the eastern side of the SCE substation. This feature is considered a flow diversion for the electrical facility.



Photo 6. Looking north at Drainage 2b along the southeastern side of the SCE substation. This feature is considered a flow diversion for the electrical facility.





Photo 7. Looking southeast at Drainage 3 flow diversion Rosamond Boulevard.





Photo 8. Looking north at Drainage 3 toward Rosamond Boulevard.



Photo 9. Looking southeast at Drainage 4 flow diversion from Rosamond Boulevard.





Photo 10. Looking northwest at Drainage 4 roadside flow diversion from Rosamond Boulevard.





Photo 11. Looking west at Drainage 5a, a roadside swale on the south edge of Rosamond Boulevard.



Photo 12. Looking east at Drainage 5a, a roadside swale on the south edge of Rosamond Boulevard.





Photo 13. Looking east at Drainage 5b, a roadside drainage ditch on the south side of Rosamond Boulevard.





Photo 14. Looking west at Drainage 5c, a roadside drainage ditch on the south side of Rosamond Boulevard.



Photo 15. Looking west at Drainage 5d, a roadside drainage ditch on the south side of Rosamond Boulevard.





Photo 16. Looking west at Drainage 5e, a roadside swale located on the north side of Rosamond Boulevard.



Photo 17. Looking north at Drainage 6 from the north side of Rosamond Boulevard.





Photo 18. Looking south at the downstream portion of Drainage 6 on the south side of Rosamond Boulevard.



Photo 19. Looking north at the upstream portion of Drainage 7 on the north side of Rosamond Boulevard, at the end of the 200-foot buffer.



Photo 20. Looking south at the upstream portion of Drainage 7 on the north side of Rosamond Boulevard.





Photo 21. Looking south at the downstream portion of Drainage 7 on the south side of Rosamond Boulevard.





Photo 22. Looking northwest at Drainage 7 from the north side of earthen berm along Rosamond Boulevard. Evidence of ponding behind the berm recorded potentially caused by sedimentation removal.



Photo 23. Looking west at the area between Drainage 6 and Drainage 7 from the southern edge of Rosamond Boulevard. Sand deposits along both edges of the road.



Photo 24. Looking west at Drainages 6 and 7. Photo was taken following a rain event to show run-off flowing down Rosamond Boulevard from Drainage 6 to Drainage 7, the result of clearing sediment from the road and redirecting flows.



Photo 25. Looking northwest at Drainage 8 from Rosamond Boulevard.





Photo 26. Looking southeast at Drainage 8 towards Rosamond Boulevard.



Photo 27. Looking north at Drainages 8 and 5e from Rosamond Boulevard.



Photo 28. Looking south at Drainage 9 from Rosamond Boulevard.



Photo 29. Looking north at Drainage 9 towards Rosamond Boulevard.





Photo 30. Looking northwest at Drainage 10 from the north side of Rosamond Boulevard. Flow indicators were not recorded in the channel. There are some changes in vegetative cover, but the channel is otherwise undetectable.



Photo 31. Looking north at the upstream portion of Drainage 10 on the south side of Rosamond Boulevard. A remnant swale is the remnants of Cottonwood Creek.





Photo 32. Looking south at the downstream of drainage 10 after culvert discharge on the south side of Rosamond Boulevard.



Photo 33. Photo taken from the south side of Rosamond Boulevard looking south toward downstream of Drainage 11a on 155<sup>th</sup> Street. A roadside swale.





Photo 34. Looking north at Drainage 11a towards Rosamond Boulevard.



Photo 35. Looking east at Drainage 11b on the south side of Rosamond Boulevard.





Photo 36. Looking west at Drainage 11b on the south side of Rosamond Boulevard.



Photo 37. Looking south at Drainage 12 from the south side of Rosamond Boulevard.



Photo 38. Looking northwest at Drainage 12 from the North Side of Rosamond Boulevard. Feature is considered dormant and flows have been limited by surrounding rural residences.



Photo 39. Looking east at Drainage 13, a roadside drainage ditch on the north side of Rosamond Boulevard.





Photo 40. Looking west at Drainage 13, a roadside drainage ditch on the north side of Rosamond Boulevard.



Photo 41. Looking north at Drainage 14 from the north side of Rosamond Boulevard. The lack of understory vegetation and darker soils indicate ponding.



Photo 42. Looking northwest at Drainage 14 take from north side of Rosamond Boulevard.



Photo 43. Looking northeast at Drainage 14 north of Rosamond Boulevard.





Photo 44. Looking southeast at Drainage 14 north of Rosamond Boulevard.



Photo 45. Looking south at Drainage 14 north of Rosamond Boulevard.



Photo 46. Looking southwest at Drainage 14 north of Rosamond Boulevard.



Photo 47. Looking east at Drainage 15.





Photo 48. Looking west at Drainage 15.



Photo 49. Looking East at Drainage 16 on the south side of Rosamond Boulevard. Culvert under Rosamond Boulevard connecting Drainage 14 and Drainage 16.



Photo 50. Looking west at Drainage 16 on the south side of Rosamond Boulevard.



Photo 51. Looking north at Drainage 17 from Rosamond Boulevard toward 2<sup>nd</sup> Avenue.





Photo 52. Looking south at Drainage 17 on the north side of Rosamond Boulevard.



Photo 53. Looking northwest at Drainage 17 from Rosamond Blvd.



Photo 54. Looking east at Drainage 18a, a roadside drainage ditch on the north side of Rosamond Boulevard.





Photo 55. Looking east at Drainage 18b, a roadside drainage ditch on the north side of Rosamond Boulevard.



Photo 56. Looking north at the portion of Drainage 19 on the south side of Rosamond Boulevard. There is no underground culvert to convey flows south of the road.



Photo 57. Looking northeast at Drainage 19 on the north side of Rosamond Boulevard.





Photo 58. Looking northwest at Drainage 19 on the north side of Rosamond Boulevard.



Photo 59. Looking east at Drainage 20a, a roadside drainage ditch on the north side of Rosamond Boulevard.



Photo 60. Looking west at Drainage 20b. The photo depicts a roadside drainage ditch on the North side of Rosamond Boulevard surrounded by North Rosamond Solar facilities to the north and south.



Photo 61. Looking east at Drainage 20b on the north side of Rosamond Boulevard.





Photo 62. Looking west at Drainage 20c. The photo depicts a roadside drainage ditch on the north side of Rosamond Boulevard. Photo taken at intersection with 135<sup>th</sup> Street W.



Photo 63. Looking east at Drainage 20c on the south side of Rosamond Boulevard.



Photo 64. Looking north at Drainage 21a from the north side of Rosamond Boulevard just west of 120<sup>th</sup> Street W intersection.



Photo 65. Looking west at Drainage 21a from the west side of 120<sup>th</sup> Street. Rosamond Boulevard can be seen in the background.





Photo 66. Looking North at Drainage 21b, a roadside drainage ditch on the eastern side of 120<sup>th</sup> Street. Photo taken from Rosamond Boulevard and 120<sup>th</sup> Street intersection.



Photo 67. Looking east at Drainage 21b along the north side of Rosamond Boulevard.



Photo 68. Looking west at Drainage 22a, a roadside drainage ditch along the north side of Rosamond Boulevard.



Photo 69. Looking east at Drainage 22a.





Photo 70. Looking west at Drainage 22b, a roadside drainage ditch on the north side of Rosamond Boulevard.



Photo 71. Looking east at Drainage 22b.



Photo 72. Looking west at Drainage 22c, a roadside drainage ditch along the north side of Rosamond Boulevard.



Photo 73. Looking east at Drainage 22c.





Photo 74. Looking west at Drainage 23a, a roadside drainage ditch along the south side of Rosamond Boulevard. Photo taken near intersection of Rosamond Boulevard and 110<sup>th</sup> Street W.



Photo 75. Looking east at Drainage 23a.



Photo 76. Looking east at Drainage 23b, a roadside drainage ditch along the south side of Rosamond Boulevard.



Photo 77. Looking East at Drainage 24, a roadside drainage ditch along the south side of Rosamond Boulevard. The feature is located east of the intersection of Rosamond Boulevard and the Los Angeles DWP Easement Road.





Photo 78. Looking west at Drainage 24.



Photo 79. Looking northwest from the downstream portion of Drainage 25 toward the upstream near the south side of Rosamond Boulevard.



Photo 80. Looking southeast at the upstream portion of Drainage 25 from the south side of Rosamond Boulevard.



Photo 81. Looking northeast at Drainage 26 from the south side of Rosamond Boulevard.





Photo 82. Looking southeast at the downstream portion of Drainage 26 on the south side of Rosamond Boulevard.



Photo 83. Looking north at Drainage 26, a culvert on the south side of Rosamond Boulevard is pictured in background.



Photo 84. Looking south at Drainage 27, a culvert below Rosamond Boulevard just east of the intersection with 85<sup>th</sup> Street W.



Photo 85. Looking north at Drainage 27 on the south side of Rosamond Boulevard, pictured in background.





Photo 86. looking southeast at discharge of Drainage 27 on the south side of Rosamond Boulevard. Photo taken from above the culvert.



Photo 87. Looking south at Drainage 28, a culvert below Rosamond Boulevard just east of intersection with 83<sup>rd</sup> Street W.



Photo 88. Looking north at Drainage 28 on the south side of Rosamond Boulevard pictured in background.



Photo 89. Looking south at Drainage 28 from above the culvert on the north side of Rosamond Boulevard.





Photo 90. Looking south at Drainage 29 - discharge from culvert under Rosamond Boulevard. Photo was taken from above culvert on the south side of Rosamond Boulevard.



Photo 91. Looking north at Drainage 29 on the south side of Rosamond Boulevard pictured in the background.



Photo 92. Looking north at Drainage 30 from the south side of Rosamond Boulevard.



Photo 93. Looking south at the downstream portion of Drainage 30 on the south side of Rosamond Boulevard.





Photo 94. Looking north at Drainage 30 on the south side of Rosamond Boulevard pictured in background.



Photo 95. Looking northwest at Drainage 31 from the south side of Rosamond Boulevard.



Photo 96. Looking southwest at the culvert discharge of Drainage 31 on the south side of Rosamond Boulevard.



Photo 97. Looking north at Drainage 31 on the south side of Rosamond Boulevard pictured in the background.





Photo 98. Looking northwest at upstream portion of Drainage 32 from the north side of Rosamond Boulevard.



Photo 99. Looking southeast at the downstream portion of Drainage 32 on the south side of Rosamond Boulevard. Photo taken from above culvert.



Photo 100. Looking north at Drainage 32 on the south side of Rosamond Boulevard pictured in background.



Photo 101. Looking south at upstream portion of Drainage 33, a roadside drainage ditch along the west side of 65<sup>th</sup> Street W. Depicted is an artificially created berm.





Photo 102. Looking north at Drainage 33 along the west side of 65<sup>th</sup> Street W. Rosamond Boulevard pictured in the background.



Photo 103. Looking east at Drainage 34, a roadside drainage ditch along the north side of Rosamond Boulevard toward the 60<sup>th</sup> Street W intersection.



Photo 104. Looking west at Drainage 34.



Photo 105. Looking northwest at Drainage 35 – detention basin located northeast of the Rosamond Boulevard and Tropico Road intersection. Photo was taken from the edge of the southeast portion from the north side of Rosamond Boulevard.





Photo 106. Looking northeast at Drainage 35. Photo taken from the intersection of Rosamond Boulevard and Mojave Tropic Road.



Photo 107. Looking north at the upstream portion of Drainage 36 from the north extent of the study area north of Dawn Road.



Photo 108. Looking south at the downstream portion of Drainage 36 on the south side of Dawn Road.



Photo 109. Looking northwest at Drainage 36 at intersection of 60<sup>th</sup> Street W and Felsite Avenue. Photo taken from the west side of 60<sup>th</sup> Street W.





Photo 110. Looking southeast at Drainage 36 along the east side of 65<sup>th</sup> Street.



Photo 111. Looking south at upstream portion of Drainage 37 from the upstream portion of the drainage with Mojave Tropic Road in the background.





Photo 112. Looking southeast at the downstream portion of Drainage 37 on the east side of Mojave Tropic Road.



Photo 113. Looking North at the downstream portion of Drainage 38.





Photo 114. Looking east at the upstream portion of Drainage 38. Photo taken from the east side of Mojave Tropic Road.



Photo 115. Looking northeast at the downstream portion of Drainage 39.



Photo 116. Looking southeast at the upstream portion of Drainage 39. Photo taken from the east side of Mojave Tropic Road.



Photo 117. Looking west at the upstream portion of Drainage 40 from the west side of Mojave Tropic Road.





Photo 118. Looking southeast at the downstream portion of Drainage 40 on the east side of Mojave Tropic Road.



Photo 119. Looking northwest at the upstream portion of Drainage 41 from the west side of Mojave Tropic Road.





Photo 120. Looking northeast at the downstream portion of Drainage 41 on the east side of Mojave Tropic Road.



Photo 121. Looking northeast upstream of Drainage 42 near a private residence to further northeast.





Photo 122. Looking southwest toward the downstream of Drainage 42.



Photo 123. Looking north toward the upstream of Drainage 43a, a roadside drainage ditch along the east side of Mojave Tropico Road.



Photo 124. Looking south at Drainage 43a.



Photo 125. Looking north at Drainage 43b, a roadside drainage ditch along the west side of Mojave Tropic Road, adjacent to Drainage 43a.





Photo 126. Looking south at Drainage 43b.



Photo 127. Looking north from downstream of Drainage 44a on the north side of Dawn Road.



Photo 128. Looking south from the upstream of Drainage 44a on the north side of Dawn Road.



Photo 129. Looking south from the upstream of Drainage 44b on the south side of Dawn Road.





Photo 130. Looking north from the downstream of Drainage 44b on the south side of Dawn Road pictured in background.



Photo 131. Looking southwest from upstream of Drainage 45 on the south side of Dawn Road.



Photo 132. Looking north from the downstream of Drainage 45 on the south side of Dawn Road, pictured in the background.



Photo 133. Looking southwest at upstream of Drainage 46 on the south side of Dawn Road intersection with Budlong Avenue.





Photo 134. Looking north from the downstream of Drainage 46 on the south side of Dawn Road, pictured in the background.



Photo 135. Looking south upstream of Drainage 47 on the south side of Dawn Road.



Photo 136. Looking north from downstream of Drainage 47 on the south side of Dawn Road, pictured in the background.



Photo 137. Looking west at Drainage 48, a roadside drainage ditch on an unnamed access road intersecting the north side of Dawn Road.





Photo 138. Looking north at Drainage 48, a roadside drainage ditch on an unnamed access road intersecting the north side of Dawn Road.



Photo 139. Looking south at Drainage 48, a roadside drainage ditch on an unnamed access road intersecting the north side of Dawn Road.



Photo 140. Looking northeast at Drainage 49 on the north side of Dawn Road.



Photo 141. Looking south at Drainage 49 on the north side of Dawn Road, pictured in background.





Photo 142. Looking north at upstream of Drainage 50 on the north side of Dawn Road.



Photo 143. Looking south toward the downstream of Drainage 50 on the south side of Dawn Road.





Photo 144. Looking north toward the upstream of Drainage 51 on the north side of Dawn Road. The feature runs parallel to an unnamed access road pictured on the right.



Photo 145. Looking south toward the downstream of Drainage 51 across unnamed access road.





Photo 146. Looking south at the upstream of Drainage 52 from the south side of Dawn Road. Shallow depression can be seen between vegetation.



Photo 147. Looking north at downstream of Drainage 52 on the south side of Dawn Road, pictured in the background.





Photo 148. Looking south/southwest at the upstream portion of Drainage 53 on the south side of Dawn Road.



Photo 149. Looking north at the downstream portion of Drainage 53 facing Dawn Road.





Photo 150. Looking south at Drainage 54 from south side of Dawn Road, just west of intersection with 40<sup>th</sup> Street West.



Photo 151. Looking north at Drainage 54 facing Dawn Road, just west of intersection with 40<sup>th</sup> Street West.





Photo 152. Looking south at the upstream portion of Drainage 55 on the south side of Dawn Road.



Photo 153. Looking north at the downstream portion of Drainage 55 facing Dawn Road.





Photo 154. Looking north at Drainage 56 facing Dawn Road.



Photo 155. Looking south upstream of Drainage 56 on the south side of Dawn Road. Shallow depression can be seen between vegetation.





Photo 156. Looking north at the downstream portion of Drainage 57a.



Photo 157. Looking south at the upstream portion of Drainage 57a.





Photo 158. Looking northwest toward the upstream of Drainage 57b from the north side of Dawn Road.



Photo 159. Looking southeast downstream of Drainage 57b toward Werner Avenue, pictured in the background. Photo taken from the south side of Dawn Road.





Photo 160. Looking north at the downstream portion of Drainage 58a on the north side of Dawn Road.



Photo 161. Looking south at the upstream portion of Drainage 58a facing Dawn Road.





Photo 162. Looking southeast at the upstream portion of Drainage 58b on the south side of Dawn Road.



Photo 163. Looking north at the downstream portion of Drainage 58b facing Dawn Road.





Photo 164. Looking south at the upstream portion of Drainage 59 on the south side of Dawn Road.



Photo 165. Looking north at the downstream portion of Drainage 59 south of Dawn Road.





Photo 166. Looking southeast at Drainage 60 from the south side of Dawn Road toward a residence.



Photo 167. Looking northeast at Drainage 60 from the south side of Dawn Road.





Photo 168. Looking northwest at Drainage 60 south of Dawn Road.



Photo 169. Looking south at the upstream portion of Drainage 61 from the south side of Dawn Road.





Photo 170. Looking north at the downstream portion of Drainage 61 from the south side of Dawn Road.



Photo 171. Looking southwest at the upstream portion of Drainage 62 from the south side of Dawn Road. Shallow depression can be seen in soil between vegetation.





Photo 172. Looking north at Drainage 62 from the south side of Dawn Road.



Photo 173. Looking north toward the upstream of Drainage 63a on the north side of Dawn Road.





Photo 174. Looking southwest at the downstream portion of Drainage 63a on the south side of Dawn Road. Subtle scouring can be seen. Residences pictured in the background.



Photo 175. Looking southeast downstream of Drainage 63a on the south side of Dawn Road.





Photo 176. Looking southeast at the downstream portion of Drainage 63b that once flowed to Drainage 63a.



Photo 177. Looking northwest from Drainage 63a at the upstream portion of Drainage 63b.





Photo 178. Looking southeast at the downstream portion of Drainage 63c.



Photo 179. Looking northwest at the upstream portion of Drainage 63c.





Photo 180. Looking east at the downstream of Drainage 64a from an unnamed access road south of Dawn Road. Flow direction from east to west. Evidence of scouring can be seen.



Photo 181. Looking south at the eastern upstream end of Drainage 64a from the south side of Dawn Road. Flow direction from east to west. Soil scouring can be seen along banks.





Photo 182. Looking southwest at the upstream portion of drainage 64b from the south side of Dawn Road. Flow direction southwest toward midstream of Drainage 64a.



Photo 183. Looking northeast at the downstream portion of drainage 64b facing Dawn Road.





Photo 184. Looking southwest at the upstream portion of Drainage 64c from the south side of Dawn Road. Flow direction southwest toward the upstream portion of Drainage 64a.



Photo 185. Looking northeast at the downstream portion of Drainage 64c facing Dawn Road.





Photo 186. Looking southwest at the upstream portion of Drainage 64d on the south side of Dawn Road.



Photo 187. Looking northeast at the downstream portion of Drainage 64d facing Dawn Road.





Photo 188. Looking west toward upstream portion of Drainage 64e on the south side of Dawn Road pictured on the right. Flow direction is northeast to southwest.



Photo 189. Looking north toward the downstream portion of Drainage 64e on the south side of Dawn Road.





Photo 190. Looking south at the upstream portion of Drainage 65a running parallel to unnamed access road on the south side of Dawn Road. Soil scouring can be seen.



Photo 191. Looking southeast at the eastern fork of upstream Drainage 65a south of Dawn Road.





Photo 192. Looking north at the western fork of upstream Drainage 65a south of Dawn Road.



Photo 193. Looking northwest at the upstream portion of Drainage 65b on the north side of Dawn Road.





Photo 194. Looking south at the downstream portion of Drainage 65b on the north side of Dawn Road.



Photo 195. Looking south/southeast at the upstream portion of Drainage 66 on the south side of Dawn Road.





Photo 196. Looking northwest at the downstream portion of Drainage 66 on the south side of Dawn Road.



Photo 197. Looking northwest from the upstream of Drainage 67 on the south side of Dawn Road toward Dawn Road, pictured in center.





Photo 198. Looking southeast at the upstream of Drainage 67 on the south side of Dawn Road.



Photo 199. Looking north at Drainage 68a on the north side of Dawn Road.





Photo 200. Looking east at deep scouring seen in middle portion of Drainage 68a on the north side of Dawn Road.



Photo 201. Looking south at a culvert downstream of Drainage 68a on the north side of Dawn Road.





Photo 202. Looking south east at the upstream portion of Drainage 68b on the south side of Dawn Road.



Photo 203. Looking north at the downstream portion of Drainage 68b on the south side of Dawn Road.





Photo 204. Looking north from Drainage 68b at the culvert connecting Drainage 68a and 68b.



Photo 205. Looking northeast at the downstream portion of Drainage 69 on the north side of Dawn Road. Shallow depression in soil can be seen between vegetation.





Photo 206. Looking south at the upstream portion of Drainage 69 on the north side of Dawn Road.



Photo 207. Looking southeast at upstream portion of Drainage 70 on the south side of Dawn Road.





Photo 208. Looking northwest downstream portion of Drainage 70 towards Desert Highland Parkway.



Photo 209. Looking east at upstream of Drainage 71 on the south side of Dawn Road. Flow direction is southeast.





Photo 210. Looking west toward the upstream portion of Drainage 71.



Photo 211. Looking south at the upstream portion of Drainage 72 on the south side of Dawn Road.





Photo 212. Looking north at Drainage 72 towards Dawn Road.



Photo 213. Looking west at the upstream portion of Drainage 73 from the north side of Dawn Road.





Photo 214. Looking southeast at the downstream portion of Drainage 73 on the south side of Dawn Road.



Photo 215. Looking north at the downstream portion of Drainage 74 east of the intersection of Dawn Road and Sierra Highway. Shallow depression in soil can be seen between vegetation.



Photo 216. Looking south at the upstream portion of Drainage 74 east of Sierra Highway.