

## Appendix A

### Matilija Dam Ecosystem Restoration Project Biological Opinion



Figure 1. Matilija Creek falls looking northwest 8.2 miles above Matilija Dam. 4-10-03



Figure 2. Matilija Creek above confluence with Murietta Creek looking southeast 6 miles above Matilija Dam. 4-15-95



Figure 3. Matilija Creek looking west 2 miles above Matilija Dam. 2-23-07



Figure 4. Matilija Creek looking southwest 1.5 miles above Matilija Dam. 2-23-07



Figure 5. *Arundo donax* stands in Matilija Creek looking southwest 1.0 miles above Matilija Dam. 2-23-07



Figure 6. Matilija Creek looking southwest 0.5 mile above Matilija Dam. 2-23-07



Figure 7. Matilija Dam and Reservoir area looking southwest. 7-26-03



Figure 8. Matilija Reservoir and delta looking northwest. 2-23-07



Figure 9. Aerial view of Matilija Dam and Reservoir. 9-7-01



Figure 10. Matilija Dam. 2-08-07



Figure 11. Matilija Creek looking west 0.5 mile below Matilija Dam. 2-23-07



Figure 12. Ventura River looking north 0.25 mile below the confluence of Matilija and North Fork Matilija Creeks. 2-23-07



Figure 13. North Fork Matilija Creek looking southwest 0.5 mile above confluence with Matilija Creek. 2-23-07



Figure 14. North Fork Matilija Creek looking northeast 0.5 mile above confluence with Matilija Creek. 2-23-07



Figure 15. Camino Cielo Crossing looking north 0.75 miles below Matilija Dam. 2-23-07



Figure 16. Ventura River looking south from Camino Cielo Crossing 0.75 miles below Matilija Dam. 2-23-07



Figure 17. Robles Diversion looking southwest 2.25 miles below Matilija Dam. 2-23-07



Figure 18. Robles Diversion stilling basin looking northwest 2.25 miles below Matilija Dam. 2-08-07



Figure 19. Robles Diversion (and east channel) looking north 2.25 miles below Matilija Dam. 2-08-07



Figure 20. Robles Diversion access road/wier (over east channel) looking west 650 feet below Robles Diversion. 2-08-07



Figure 21. Robles Diversion timber cut-off wall looking west toward stilling basin. 2-08-07



Figure 22. Ventura River (east channel) looking downstream from Robles Diversion timber cut-off wall. 2-08-07



Figure 23. Ventura River (west channel) looking north approximately 1000 feet below Robles Diversion (in left background). 2-08-07



Figure 24. Ventura River (confluence of west and east channel) looking north approximately 1000 feet below Robles Diversion (in left background). 2-08-07



Figure 25. Ventura River Preserve looking southwest 0.0 to 2 miles below Robles Diversion. 2-08-07



Figure 26. Ventura River Preserve looking northwest 0.75 mile below Robles Diversion. 3-23-03



27. Ventura River looking northwest from Highway 150 Bridge 5.25 miles below Matilija Dam. 2-23-07



Figure 28. Ventura River looking southwest from Highway 150 Bridge 5.25 miles below Matilija Dam. 2-23-07



Figure 29. Ventura River looking northwest towards Live Oak Acres flood control levee at Santa Ana Blvd. Bridge 7.25 miles below Matilija Dam. 2-23-07



Figure 30. Ventura River looking northwest towards Santa Ana Blvd. Bridge 7.25 miles below Matilija Dam. 2-23-07



Figure 31. Ventura River looking northeast above confluence of San Antonio Creek 8.25 miles below Matilija Dam. 2-23-07



Figure 32. Ventura River Preserve at confluence with San Antonio Creek looking south 8.5 miles below Matilija Dam. 2-23-07



Figure 33. Ventura River Casitas Springs levee looking southeast 9.0 miles below Matilija Dam. 2-08-07



Figure 34. Ventura River Casitas Springs looking north 9.5 miles below Matilija Dam. 2-23-07



Figure 35. City of Ventura Foster Park submerged diversion dam and well-field area looking north 10.25 miles below Matilija Dam. 2-23-07



Figure 36. Ventura River dewatering event in Foster Park well-field area looking north 10.25 miles below Matilija Dam. 1-09-88



Figure 37. Ventura River looking north towards Casitas Vista Bridge (Foster Park) 10.75 miles below Matilija Dam. 2-08-07



Figure 38. Ventura River looking northwest at Shell Hole 12.0 miles below Matilija Dam. 4-10-03



Figure 39. Ventura River looking north from Main Street Bridge 15.75 miles below Matilija Dam 2-23-07



Figure 40. Ventura River Estuary looking northeast from sand bar 6.25 miles below Matilija Dam. 2-23-07