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APPENDIX A.

**SAMPLE STREAM CHARACTERIZATION AND
WATER QUALITY SAMPLING FIELD DATA SHEET**

**COMPLETED STREAM CHARACTERIZATION
FIELD DATA SHEETS**

**COMPLETED WATER QUALITY SAMPLING
FIELD DATA SHEETS**

Stream Characterization and Water Quality Sampling Field Data Sheet

Date:	Investigator(s):			Site ID #:
Time:	Lat.:	Long:	Waypoint #	Elev. ft.:
Photo No:	Photo Notes:			

Drainage/Creek Name: _____

Site Location: _____

General Flow Conditions: _____

Channel Morphology (include stream banks): _____

Water Depth (3 cross sectional measurements in ft/in): _____ Avg. Depth (ft/in) _____

Water Width (ft/in) _____

Stream Velocity ([10] feet / seconds) _____

Discharge (CFS) _____

Stream Habitat Type: ___ Pool, ___ Riffle, ___ Run

Inundated? ___ Yes, ___ No

Cover Type: ___ Over-hanging Vegetation ___ Submerged Boulders ___ Logs ___ Root Wads
 ___ Submerged Vegetation ___ Undercut Banks ___ Other _____

Instream: _____

Riparian Habitat: _____

Shading: _____

Substrate Composition: _____

Particle Size Range: _____

Potential Spawning? ___ Yes, ___ No Potential Rearing? ___ Yes, ___ No

pH (0-14): _____

Dissolved Oxygen (mg/L & %): _____

Dissolved Oxygen (ppm): _____

Temperature (°C): _____

Conductivity (µS / mS): _____

Specific Conductance (µS / mS): _____

Salinity (ppt): _____

Carbon Dioxide: _____

Turbidity (NTUs): _____

Coliform Bacteria: _____

Hardness: _____

Other Observations: _____

Channel Cross Section

Aerial View of Channel

APPENDIX A
(CONTINUED)

COMPLETED STREAM CHARACTERIZATION
FIELD DATA SHEETS

City of Ojai-Streams Grant
DMEC PN: 02-0151

David M. ... Environmental Consulting
P.O. Box 1346 Ojai, CA 93024 805/646 6045

Stream Characterization Field Data Sheet

Date: 6/7/04	Investigator(s): CS, JC	Site ID #: Reach 4
Time:	Lat.: 34.42651	Long: 119.25786
Photo No(s): 15, 16	Photo Notes: view 15 = upstream from beginning of reach 4 @ berm view 16 = downstream @ upper end of reach 4	

Drainage/Creek Name: San Antonio
Site Location: N end of Camp Comfort
General Flow Conditions: flows present, slow

Channel Morphology (include stream banks): incised, concrete riprap along E side - along creek bed; retaining wall @ lower end, bridge in middle of reach.

Water Depth (3 cross sectional measurements in ft/in): _____ Average Depth (ft/in) _____

Water Width (ft/in) _____

Stream Velocity ([100] feet / [?]second) _____

Discharge (CFS) _____

Stream Habitat Type: Pool, Riffle, Run

Inundated? Yes, No

Cover Type: Over-hanging Vegetation, Submerged Boulders, Logs, Root Wads,
 Submerged Vegetation, Undercut Banks, Other _____

Instream: instream flow narrows @ upper end to ~1/2 as below

Riparian Habitat: Sycamore - Willow Riparian Forest

Shading: by Riparian Woodland 75%

Substrate Composition: rock

Particle Size Range: boulders, cobbles, gravel

Potential Spawning? Yes, No

Potential Rearing? Yes, No

pH (0-14): _____

Dissolved Oxygen (mg/L, %): _____

Temperature (°C): _____

Conductivity (µS or mS): _____

Specific Conductance (µS or mS): _____

Salinity (ppt): _____

TDS (ppm): _____

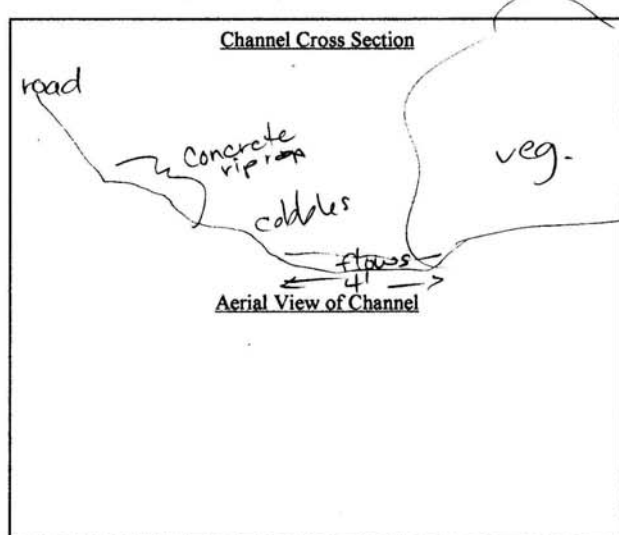
Hardness: _____

Carbon Dioxide: _____

Turbidity (NTUs): _____

Coliform Bacteria: _____

Other Observations: _____



These data and analyses are (1) based on best scientific judgment; (2) are for reference only; and (3) are not final judgments by DMEC.
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APPENDIX A
(CONTINUED)

COMPLETED WATER QUALITY SAMPLING
FIELD DATA SHEETS

City of Ojai-Streams Grant
DMEC PN: 02-0151

David Magney Environmental Consulting
P.O. Box 1346 Ojai, CA 93024 805/646 6045

Water Quality
Stream Characterization Field Data Sheet

Date: 02/04/04	Investigator(s): Zak Hansted & Erik Blundell	Site ID #: 6
Time: 12:34	Lat.:	Long:
Photo No(s):	Photo Notes:	

Drainage/Creek Name: Stewart Cyn

Site Location: upstream from narrow bridge on Creek Rd.

General Flow Conditions: A consistent flow. The water upstream from site #5 has no foam and maintains a consistent clarity.

Channel Morphology (include stream banks): The water maintains a consistent flow over and around the stones and boulders. The stream flows straight and does

Water Depth (3 cross sectional measurements in ft/in): 4" 6" 3" Average Depth (ft/in) 4.3" *not from path of origin.*

Water Width (ft/in) 9'7" = 115.8 ft.

Stream Velocity ([100] feet / [?] second) 10ft / 18 sec. = 0.56

Discharge (CFS) 1.91

Stream Habitat Type: Pool, Riffle, Run

Inundated? Yes, No

Cover Type: Over-hanging Vegetation, Submerged Boulders, Logs, Root Wads, Submerged Vegetation, Undercut Banks, Other

Instream: Not too much natural debris, but a few rusting steel poles.

Riparian Habitat: Willows, Oaks + Ivy (ground cover)

Shading: Oak trees and willows.

Substrate Composition: Boulders, stones + pebbles

Particle Size Range: _____

Approximate Area: _____

Potential Spawning? Yes, No

Potential Rearing? Yes, No

pH (0-14): 7.64

Dissolved Oxygen (mg/L & %): 11.08 mg/L & 108.0%

Temperature (°C): 9.8°C

Conductivity (µS or mS) 844 µS

Specific Conductance (µS or mS) 1475 µS

Salinity (ppt): .10 ppt

TDS (ppm): _____

Hardness: _____

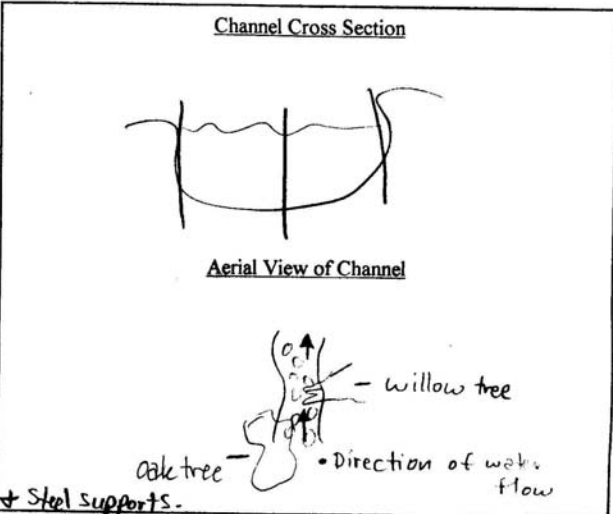
Carbon Dioxide: 12 ppm

Turbidity (NTUs): 3.1

Coliform Bacteria: tested positive

Other Observations: Clear sunny day.

⊗ A crib wall has been erected next to the stream to keep out large stones + boulders. The wall consists of metal boiling wire + steel supports.



These data and analyses are (1) based on best scientific judgment; (2) are for reference only; and (3) are not final judgments by DMEC.
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APPENDIX B.
OJAI STREAMS WATER QUALITY SAMPLING RESULTS

Appendix B. Ojai Streams Water Quality Sampling Results (Stations 1 & 2)

Site ID Number	1							2						
Drainage/Creek Name	Happy Valley Drain							Villanova Creek						
Date	4-Feb-04	23-Feb-04	2-Mar-04	20-Oct-04	3-Dec-04	5-Jan-05	Average	4-Feb-04	23-Feb-04	2-Mar-04	20-Oct-04	8-Dec-04	5-Jan-05	Average
Average Depth (ft)	0.63	0.39	0.35	0.31	dry	0.42	0.42	0.33	0.61	0.53	1.75	0.42	0.5	0.69
Water Width (ft)	2.75	2.5	2.5	2.5	dry	2	2.45	6.42	9.92	14.5	17	4	12	10.64
Stream Velocity (ft/sec)	0.17	0.4	1.25	1.67	dry	0.38	0.77	0.42	1	0.71	2	1.67	1.67	1.24
Discharge (cfs)	0.29	0.39	1.09	1.29	dry	0.32	0.68	0.89	6.05	5.46	59.5	2.8	10.02	14.12
pH (0-14)	7.63	6.82	7.21	6.77	dry	7.55	7.2	7.67	7.88	7.81	7.65	.	8.24	7.85
Dissolved Oxygen (mg/L)	1.26	8.08	4.65	.	dry	7.36	5.34	3.81	12.78	5.21	.	8.73	11.18	8.34
Dissolved Oxygen (%)	10.2	74	45.3	.	dry	52.2	45.42	36.9	123.6	48.5	.	.	1.8	52.7
Dissolved Oxygen (ppm)	.	.	.	8.2	dry	.	8.2	.	.	.	9.6	.	.	9.6
Temperature (°C)	7.9	11.3	14.4	15.5	dry	6.9	11.2	11.1	13.1	13.1	15.7	12.5	10.6	12.68
Conductivity (µS)	363.3	82.9	out of range	240	dry	495	295.3	965	830	925	499	1492	543	875.67
Specific Conductance (µS)	543	311.9	250	.	dry	487.1	398	1360	1080	1200	.	.	756	1099
Salinity (ppt)	0.2	0.1	0.2	.	dry	0.2	0.17	0.7	0.5	0.3	.	0.2	0.3	0.4
Carbon Dioxide (ppm)	14	17	16	21	dry	5	14.6	13	9	10	8	15	6	10.17
Turbidity (NTUs)	20.9	59.8	33.9	11.1	dry	28	30.74	2.6	0.37	3.1	3.1	0.2	5	2.39
Coliform Bacteria	.	.	.	positive	dry	positive	.	.	.	.	positive	positive	positive	.

Appendix B (continued). Ojai Streams Water Quality Sampling Results (Stations 3 & 4)

Site ID Number	3							4						
Drainage/Creek Name	San Antonio Creek							San Antonio Creek						
Date	4-Feb-04	23-Feb-04	2-Mar-04	20-Oct-04	8-Dec-04	5-Jan-05	Average	4-Feb-04	23-Feb-04	2-Mar-04	20-Oct-04	9-Dec-04	5-Jan-05	Average
Average Depth (ft)	0.36	0.57	0.31	1.72	0.89	2	0.97	0.5	0.47	0.33	0.31	0.5	0.67	0.46
Water Width (ft)	8	12	14	16	5	9	10.67	10.67	17.33	16.33	30	6.5	11	15.3
Stream Velocity (ft/sec)	0.5	1.25	1.43	2.5	.33	2	1.34	0.33	1.25	1.11	1.67	0.71	2	1.18
Discharge (cfs)	1.44	8.55	6.21	68.8	1.47	36	20.41	1.78	10.18	5.99	15.5	2.31	14.74	8.41
pH (0-14)	7.74	7.87	7.86	7.65	.	8.03	7.83	7.83	7.76	7.84	7.71	.	7.97	7.82
Dissolved Oxygen (mg/L)	8.68	9.69	8.46	.	5.94	10.68	8.69	5.44	8.3	5.5	.	9.77	10.57	7.9
Dissolved Oxygen (%)	79.4	93.1	81.5	.	.	95.6	87.4	53.7	79.7	53.4	.	.	95.3	70.52
Dissolved Oxygen (ppm)	.	.	.	6	.	.	6	.	.	.	5.6	.	.	5.6
Temperature (°C)	12.1	13.6	13	15.9	12.8	10.5	12.98	12.5	14	13.1	15.9	13.1	10.6	13.2
Conductivity (µS)	99.8	863	936	535	1505	551	748.3	1010	884	938	557	1487	553	904.83
Specific Conductance (µS)	1327	1103	1216	.	.	762	734.67	1070	1120	1214	.	.	767	1042.75
Salinity (ppt)	0.7	0.6	0.6	.	0.8	0.4	0.62	0.5	0.6	0.3	.	0.1	0.4	0.38
Carbon Dioxide (ppm)	14	9	12	8	12.5	8	10.58	7	10	11	10	10.5	6	9.08
Turbidity (NTUs)	2.4	3.2	3.4	3.5	0.1	4	2.52	2.8	0.31	3.3	3.3	0.1	3	2.13
Coliform Bacteria	.	.	.	positive	positive	positive	.	positive	.	.	positive	positive	positive	.

Appendix B (continued). Ojai Streams Water Quality Sampling Results (Stations 5 & 6)

Site ID Number	5							6						
Drainage/Creek Name	San Antonio Creek							Stewart Canyon Creek						
Date	4-Feb-04	23-Feb-04	2-Mar-04	20-Oct-04	9-Dec-04	5-Jan-05	Average	4-Feb-04	23-Feb-04	2-Mar-04	20-Oct-04	9-Dec-04	5-Jan-05	Average
Average Depth (ft)	0.22	0.31	0.33	0.5	0.32	0.42	0.35	0.42	0.75	0.69	0.64	0.64	2.67	0.92
Water Width (ft)	10.83	14.25	15	15	6	9	11.68	8	10.92	12	11	11	9	10.08
Stream Velocity (ft/sec)	0.83	1.11	1.43	1.67	1.11	1.67	1.3	0.67	0.63	1.11	0.63	0.63	0.67	0.71
Discharge (cfs)	1.98	4.91	7.07	12.5	2.13	6.31	5.82	2.24	5.12	9.2	4.43	4.43	16.1	6.5
pH (0-14)	7.83	7.93	8.01	7.53	.	8.11	7.88	8	7.99	7.55	.	.	8.02	7.84
Dissolved Oxygen (mg/L)	9.47	7.52	6.35	.	8.22	11.02	0.8	7.27	6.3	.	9.03	9.03	10.46	8.83
Dissolved Oxygen (%)	93.7	71.1	60	.	.	101.4	81.55	69.9	57.5	.	.	.	94.7	82.52
Dissolved Oxygen (ppm)	.	.	.	9.6	.	.	9.6	.	.	8.88	.	.	.	8.88
Temperature (°C)	9.7	13.1	12.6	14.4	11.3	11.3	12.07	13.3	12.6	15.3	11.6	11.6	11.5	12.35
Conductivity (µS)	1034	972	1112	638	1426	668	975	1025	1118	680	1447	1447	675	964.83
Specific Conductance (µS)	1464	632	1460	.	.	905	1115.25	1349	1465	.	.	.	910	1299.75
Salinity (ppt)	0.2	0.2	0.7	.	0.4	0.4	0.38	0.7	0.6	.	0.7	0.7	0.5	0.52
Carbon Dioxide (ppm)	6	11	9	12	11	7	9.33	7	10	13	10	10	9	10.17
Turbidity (NTUs)	3.1	6.4	6	28.8	1.2	3	8.08	6.1	5.7	35.5	0.6	0.6	3	9
Coliform Bacteria	.	.	.	positive	positive	positive	.	.	.	positive	positive	positive	positive	.

Appendix B (continued). Ojai Streams Water Quality Sampling Results (Stations 7 & 8)

Site ID Number	7							8						
Drainage/Creek Name	Ojai Creek							Fox Canyon Barranca						
Date	4-Feb-04	23-Feb-04	2-Mar-04	20-Oct-04	9-Dec-04	5-Jan-05	Average	4-Feb-04	23-Feb-04	2-Mar-04	20-Oct-04	9-Dec-04	5-Jan-05	Average
Average Depth (ft)	0.33	0.25	0.5	0.5	0.14	0.19	0.32	0.28	0.31	0.19	0.28	0.14	0.33	0.25
Water Width (ft)	3	5	5.17	5	2	4	4.03	3.42	5.17	8	5	2.5	5	4.85
Stream Velocity (ft/sec)	0.55	0.07	0.5	1.25	0.5	1.11	0.66	0.77	1.11	1	1.25	0.91	1.43	1.08
Discharge (cfs)	0.54	0.09	0.04	3.13	0.14	0.84	0.8	0.74	1.78	1.52	1.75	0.32	2.36	1.41
pH (0-14)	7.6	7.54	7.67	7.24	.	7.56	7.52	7.57	7.5	7.75	7.35	.	7.83	7.6
Dissolved Oxygen (mg/L)	10.7	6.62	4.03	.	8.19	8.55	7.62	11.65	0	3.7	.	8.35	10.24	6.79
Dissolved Oxygen (%)	101	62.1	38.9	.	.	82.1	71.02	110.6	67.6	34.3	.	.	94.4	76.72
Dissolved Oxygen (ppm)	.	.	.	10	.	.	10	.	.	.	7.6	.	.	7.6
Temperature (°C)	13	15	14.2	16.1	14	13.4	14.28	12.3	14.4	13.3	15.8	12.9	11.6	13.38
Conductivity (µS)	407	.	1087	1062	1525	1145	871	190.5	.	1185	671	1319	904	853.9
Specific Conductance (µS)	585	1331	1371	.	.	1474	1190.25	1320	.	1529	.	.	1117	1322
Salinity (ppt)	0.4	0.7	0.2	.	0.2	0.7	0.44	0.1	0.1	0.5	.	0.1	0.5	0.26
Carbon Dioxide (ppm)	11	9	21	21	11.5	17	15.08	11	20	16	13	12	11	13.83
Turbidity (NTUs)	3.8	2.8	3	3.85	10.3	2	4.29	3.4	7.8	3.5	56.4	3.4	3	12.92
Coliform Bacteria	.	.	.	positive	positive	positive	.	.	.	.	positive	positive	positive	.

Appendix B (continued). Ojai Streams Water Quality Sampling Results (Stations 9 & 10)

Site ID Number	9							10				10A			
Creek Name	Arbolada Creek							Stewart Canyon Creek				Stewart Canyon Creek			
Date	4-Feb-04	23-Feb-04	3-Mar-04	20-Oct-04	7-Dec-04	5-Jan-05	Average	4-Feb-04	23-Feb-04	2-Mar-04	Average	20-Oct-04	7-Dec-04	5-Jan-05	Average
Average Depth (ft)	0.42	0.28	0.25	0.25	dry	0.19	0.28	dry	dry	dry	0	0.39	dry	0.11	0.25
Water Width (ft)	3.75	1.5	2	2	dry	3	2.45	dry	dry	dry	0	8	dry	2	5
Stream Velocity (ft/sec)	0.1	0.25	0.23	0.48	dry	1.11	0.43	dry	dry	dry	0	2	dry	1.33	1.66
Discharge (cfs)	0.16	0.11	0.11	0.24	dry	0.63	0.25	dry	dry	dry	0	6.24	dry	0.29	3.26
pH (0-14)	7.33	7.52	7.75	7.44	dry	7.89	7.59	dry	dry	dry	0	7.5	dry	7.2	7.35
Dissolved Oxygen (mg/L)	0.43	6.66	2.67	.	dry	11.01	5.2	dry	dry	dry	0	.	dry	4.99	4.99
Dissolved Oxygen (%)	3.8	62.2	25	.	dry	99.3	47.57	dry	dry	dry	0	.	dry	50.4	50.4
Dissolved Oxygen (ppm)	.	.	.	4.4	dry	.	4.4	dry	dry	dry	0	12.1	dry	.	12.1
Temperature (°C)	9.1	13	12.6	16.1	dry	10.7	12.3	dry	dry	dry	0	18.5	dry	14.4	16.45
Conductivity (µS)	1615	.	1633	1320	dry	915	1370.75	dry	dry	dry	0	975	dry	578	776.5
Specific Conductance (µS)	2319	.	2138	.	dry	1261	1906	dry	dry	dry	0	.	dry	705	705
Salinity (ppt)	1.2	0.2	0.3	.	dry	0.6	0.57	dry	dry	dry	0	.	dry	0.3	0.3
Carbon Dioxide (ppm)	9	21	12	20	dry	9	14.2	dry	dry	dry	0	136	dry	14	75
Turbidity (NTUs)	2.5	5.4	4.3	2.4	dry	5	3.92	dry	dry	dry	0	3.35	dry	2	2.67
Coliform Bacteria	positive	.	.	positive	dry	positive	.	dry	dry	dry	.	positive	dry	positive	.

Appendix B (continued). Ojai Streams Water Quality Sampling Results (Stations 11 & 12)

Site ID Number	11							12						
Drainage/Creek Name	Ayers Creek							San Antonio Creek						
Date	4-Feb-04	23-Feb-04	2-Mar-04	20-Oct-04	8-Dec-04	5-Jan-05	Average	4-Feb-04	23-Feb-04	2-Mar-04	20-Oct-04	8-Dec-04	5-Jan-05	Average
Average Depth (ft)	dry	dry	0.39	0.42	0.36	0.19	0.34	dry	dry	dry	0.33	dry	0.19	0.26
Water Width (ft)	dry	dry	5	5	4	3	4.25	dry	dry	dry	23	dry	13	18
Stream Velocity (ft/sec)	dry	dry	0.25	0.25	0.2	0.16	0.21	dry	dry	dry	1.43	dry	1.25	1.34
Discharge (cfs)	dry	dry	0.49	0.53	0.29	0.09	0.35	dry	dry	dry	10.84	dry	3.09	6.96
pH (0-14)	dry	dry	8.03	7.82	.	7.89	7.91	dry	dry	dry	8.23	dry	8.57	8.4
Dissolved Oxygen (mg/L)	dry	dry	6.16	.	9.61	9.24	8.34	dry	dry	dry	.	dry	11.48	11.48
Dissolved Oxygen (%)	dry	dry	62.5	.	.	91.6	77.05	dry	dry	dry	.	dry	101.8	101.8
Dissolved Oxygen (ppm)	dry	dry	.	10	.	.	10	dry	dry	dry	9.1	dry	.	9.1
Temperature (°C)	dry	dry	14.3	16.8	13.5	13.7	14.57	dry	dry	dry	18.5	dry	10.3	14.4
Conductivity (µS)	dry	dry	1335	661	560	1130	921.5	dry	dry	dry	1054	dry	478	766
Specific Conductance (µS)	dry	dry	1693	.	.	1932	1812.5	dry	dry	dry	.	dry	664	664
Salinity (ppt)	dry	dry	0.9	.	0.1	0.9	0.63	dry	dry	dry	.	dry	0.3	0.3
Carbon Dioxide (ppm)	dry	dry	6	11	6.5	17	10.12	dry	dry	dry	6	dry	7	6.5
Turbidity (NTUs)	dry	dry	14.7	12.6	83.6	3	28.47	dry	dry	dry	7.64	dry	5	6.32
Coliform Bacteria	dry	dry	.	positive	positive	positive	.	dry	dry	dry	positive	dry	positive	.

Appendix B (continued). Ojai Streams Water Quality Sampling Results (Stations 13 & 14)

Site ID Number	13							14						
Drainage/Creek Name	Thacher Creek							Fox Canyon Creek						
Date	4-Feb-04	23-Feb-04	2-Mar-04	20-Oct-04	8-Dec-04	6-Jan-05	Average	4-Feb-04	23-Feb-04	2-Mar-04	20-Oct-04	8-Dec-04	6-Jan-05	Average
Average Depth (ft)	dry	dry	dry	dry	dry	0.39	0.39	dry	dry	4	4	0.94	2	2.73
Water Width (ft)	dry	dry	dry	dry	dry	6	6	dry	dry	19	19	6	13	14.25
Stream Velocity (ft/sec)	dry	dry	dry	dry	dry	0.5	0.5	dry	dry	.	.	.	0.1	0.1
Discharge (cfs)	dry	dry	dry	dry	dry	1.17	1.17	dry	dry	.	.	.	2.63	2.63
pH (0-14)	dry	dry	dry	dry	dry	8.34	8.34	dry	dry	8.08	8.26	.	8.11	8.15
Dissolved Oxygen (mg/L)	dry	dry	dry	dry	dry	11.62	11.62	dry	dry	5.66	.	8.79	9.68	8.04
Dissolved Oxygen (%)	dry	dry	dry	dry	dry	93.9	93.9	dry	dry	55.4	.	81	89.4	75.27
Dissolved Oxygen (ppm)	dry	dry	dry	dry	dry	.	.	dry	dry	.	5.5	.	.	5.5
Temperature (°C)	dry	dry	dry	dry	dry	7.7	7.7	dry	dry	15.2	18.5	11.3	13.3	14.57
Conductivity (µS)	dry	dry	dry	dry	dry	475	475	dry	dry	1433	942	1300	931	1151.5
Specific Conductance (µS)	dry	dry	dry	dry	dry	710	710	dry	dry	1763	.	.	1202	1482.5
Salinity (ppt)	dry	dry	dry	dry	dry	0.3	0.3	dry	dry	0.9	.	0.2	0.5	0.53
Carbon Dioxide (ppm)	dry	dry	dry	dry	dry	8	8	dry	dry	5	10	9.5	7	7.87
Turbidity (NTUs)	dry	dry	dry	dry	dry	9	9	dry	dry	3.6	15.2	8.1	2	7.22
Coliform Bacteria	dry	dry	dry	dry	dry	positive	.	dry	dry	.	positive	positive	positive	.

Appendix B (continued). Ojai Streams Water Quality Sampling Results (Stations 15, 16, 17, & 18)

Site ID Number	15				16				17				18		
Drainage/Creek Name	Stewart Canyon Creek				Arbolada Creek				Del Norte Creek				Del Norte Creek		
Date	20-Oct-04	8-Dec-04	6-Jan-05	Average	20-Oct-04	8-Dec-04	9-Jan-05	Average	20-Oct-04	8-Dec-04	9-Jan-05	Average	9-Dec-04	6-Jan-05	Average
Average Depth (ft)	0.36	0.19	0.67	0.41	dry	dry	4	4	0.42	0.33	5	1.92	0.33	3.67	2
Water Width (ft)	3	4	7	4.67	dry	dry	7	7	2.25	0.5	7	3.25	2.5	3	2.75
Stream Velocity (ft/sec)	0.56	0.33	0.71	0.53	dry	dry	3.33	3.33	0.67	0.4	3.33	1.47	0.67	1.11	0.89
Discharge (cfs)	0.6	0.25	3.33	1.39	dry	dry	93.33	93.33	0.63	0.07	116.55	39.08	0.55	12.23	6.39
pH (0-14)	8.05	.	8.15	8.1	dry	dry	7.73	7.73	7.9	.	7.7	7.8	.	7.76	7.76
Dissolved Oxygen (mg/L)	.	11.3	10.01	10.65	dry	dry	.	.	.	6.33	.	6.33	6.49	10.44	8.46
Dissolved Oxygen (%)	.	.	98.5	98.5	dry	dry	.	.	.	.	.	.	.	93.7	93.7
Dissolved Oxygen (ppm)	11.9	.	.	11.9	dry	dry	.	.	6.9	.	.	6.9	.	.	.
Temperature (°C)	17.3	12	14.4	14.57	dry	dry	14.5	14.5	16.1	10.7	14.5	13.77	10.1	9.8	9.95
Conductivity (µS)	1345	1738	613	1232	dry	dry	.	.	622	1285	0	953.5	314	1157	735.5
Specific Conductance (µS)	.	.	768	768	dry	dry	.	.	.	.	.	.	.	1630	1630
Salinity (ppt)	.	0.3	0.4	0.35	dry	dry	.	.	.	0.3	.	0.3	0.3	0.8	0.55
Carbon Dioxide (ppm)	13	.	6	6.33	dry	dry	6	6	18	18.5	5	13.83	14	16	15
Turbidity (NTUs)	2.21	16.7	2	6.97	dry	dry	246	246	5.65	1.9	194	67.18	2.1	3	2.55
Coliform Bacteria	positive	positive	positive	.	dry	dry	positive	.	positive	positive	positive	.	positive	positive	.

APPENDIX C. SUMMARY TABLE OF CREEK OBSTRUCTIONS

City of Ojai Urban Watershed Assessment and Restoration Plan
August 2005

Stream	Type of Obstruction	Material of Obstruction	Road Crossing?	Cross-section of Obstruction	Width of Obstruction (in.)	Height of Obstruction (in.)	Length of Obstruction (ft.)	Within City Limits?	Source
Villanova	Road crossing culvert	RCP	Yes	Circular	36	36	60	Yes	CAD
Del Norte	Road crossing culvert	Wood	Yes	Square	48	48	50	Yes	CAD
Del Norte	Road crossing culvert	RCP	Yes	Square	48	48	160	Yes	CAD
Del Norte	Underground (upstream)	RCB	Yes	Rectangular	60	66	100	Yes	CAD
Del Norte	Pipe change	HDPE	No	Circle	36	36	800	Yes	CAD
Del Norte	Bridge	-	Yes	Arch	72	42	50	No	CAD
Del Norte	Road crossing culvert	CMP	Yes	Circle	15	15	50	No	CAD
Del Norte	Road crossing culvert	CMP	Yes	Circle	36	36	160	No	CAD
Oak Creek	Road crossing culvert	RCP	Yes	Circle	30	30	50	Yes	CAD
Oak Creek	Road crossing culvert	CP	Yes	Circle	30	30	50	Yes	CAD
Arbolada	Road crossing culvert	CMP	Yes	Circular	48	48	50	Yes	CAD
Arbolada	Road crossing culvert	CMP	Yes	Circular	36	36	120	Yes	CAD
Arbolada	Underground (upstream)	CMP	Yes	Circular	36	36	120	Yes	CAD
Arbolada	Road crossing culvert	-	Yes	Arch top	48	48	120	Yes	CAD
Arbolada	Road crossing culvert	RCP	Yes	Circular	36	36	90	Yes	CAD
Arbolada	Road crossing culvert	RCB	Yes	Rectangle	48	30	80	Yes	CAD
Arbolada	Road crossing culvert	CMP	Yes	Circle	30	30	60	Yes	CAD
Arbolada	Road crossing culvert	Concrete box	Yes	Arch	48	30	100	Yes	CAD
Arbolada	Road crossing culvert	CMP	Yes	Circle	24	24	90	Yes	CAD
Arbolada	Pipe change	CP	No	Circular	48	48	100	Yes	CAD
Stewart Canyon Creek	Bridge	-	Yes	Rectangle	-	-	70	No	CAD
Stewart Canyon Creek	Bridge	-	Yes	Rectangle	-	-	70	Yes	CAD
Stewart Canyon Creek	Underground (upstream)	RCB	No	Rectangular	120	132	2750	Yes	CAD
Fox Canyon Barranca	Bridge	RC	Yes	Rectangular	120	60	90	Yes	CAD
Fox Canyon Barranca	Road crossing culvert	2x RCB	Yes	2x rectangular	144	72	80	Yes	CAD
Ojai Stream	Road crossing culvert	2x CMP	Yes	2x circular	66	66	60	Yes	CAD
Fox Canyon Barranca	Bridge	-	Yes	Rectangle	-	-	90	Yes	CAD
Fox Canyon Barranca	Road crossing culvert	Concrete box	Yes	Square	120	120	100	Yes	CAD
Fox Canyon Barranca	Road crossing culvert	Concrete box	Yes	Square	120	120	60	Yes	CAD

City of Ojai Urban Watershed Assessment and Restoration Plan
August 2005

Stream	Type of Obstruction	Material of Obstruction	Road Crossing?	Cross-section of Obstruction	Width of Obstruction (in.)	Height of Obstruction (in.)	Length of Obstruction (ft.)	Within City Limits?	Source
Fox Canyon Barranca	Road crossing culvert	Concrete box	Yes	Square	120	120	50	Yes	CAD
Fox Canyon Barranca	Underground (upstream)	RCP	No	Circular	66	66	3210	Yes	CAD
Post Office Creek	Road crossing culvert	RCP	Yes	Circular	60	60	70	Yes	CAD
Ojai Creek	Road crossing culvert	Wooden box	Yes	Rectangle	90	48	70	Yes	CAD
Ojai Creek	Underground (upstream)	RCB	Yes	Rectangle	96	60	100	Yes	CAD
Ojai Creek	Pipe change	CMPA	No	Rectangle	58	36	60	Yes	CAD
Ojai Creek	Pipe change	RCP	No	Circle	54	54	310	Yes	CAD
Ojai Creek	Pipe change	RCP	No	Circle	60	60	140	Yes	CAD
Ojai Creek	Pipe change	RCP	No	Circle	63	63	170	Yes	CAD
Ojai Creek	Bridge	-	Yes	Rectangle	144	60	120	Yes	CAD
Ojai Creek	Underground (upstream)	RCP	No	Circle	36	36	1070	Yes	CAD
Ojai Creek Trib B	Pipe change	CMP	No	Circular	30	30	210	Yes	CAD
Grandview Drain	Pipe change	RCB	No	Rectangle	78	58	1180	Yes	CAD
Grandview Drain	Road crossing culvert	RCB	Yes	Rectangle	24	60	50	Yes	CAD
Grandview Drain	Road crossing culvert	RCP	Yes	Circular	36	36	50	Yes	CAD
Ayers Creek	Underground (upstream)	CIPP	No	Circle	48	48	1960	Yes	CAD
Ayers Creek	Road crossing culvert	RCB	Yes	Rectangle	36	72	50	Yes	CAD
Ayers Creek	Road crossing culvert	RCB	Yes	Rectangle	36	60	50	Yes	CAD
Ayers Creek	Pipe change	CIPP	No	Circle	36	36	2140	Yes	CAD
San Antonio Creek	Bridge	-	Yes	Rectangle	-	-	90	No	CAD
San Antonio Creek	Bridge	-	Yes	Rectangle	-	-	100	Yes	CAD
San Antonio Creek	Bridge	-	Yes	Rectangle	-	-	90	No	CAD
Ojai Creek	Pipe change	HDPE	No	Circle	18	18	340	Yes	CAD
San Antonio Creek	Arizona crossing	Concrete	Yes	-	-	-	-	Yes	Airphoto
Fox Canyon Barranca	Road crossing culvert	Concrete	Yes	Circle	-	-	-	Yes	Survey
Fox Canyon Barranca	Dam	Concrete	No	-	-	12	-	Yes	Survey
Ayers Creek Trib B	Pipe change	-	No	-	-	-	-	Yes	-
Del Norte Creek	Underground (downstream)	-	No	-	-	-	-	Yes	-
Ayers Creek	Underground (downstream)	-	No	-	-	-	-	Yes	-

City of Ojai Urban Watershed Assessment and Restoration Plan
August 2005

Stream	Type of Obstruction	Material of Obstruction	Road Crossing?	Cross-section of Obstruction	Width of Obstruction (in.)	Height of Obstruction (in.)	Length of Obstruction (ft.)	Within City Limits?	Source
Grandview Drain	Underground (downstream)	-	No	-	-	-	-	Yes	-
Ojai Creek	Underground (downstream)	-	No	-	-	-	-	Yes	-
Ojai Creek Trib B	Underground (downstream)	-	No	-	-	-	-	Yes	-
Ojai Creek	Underground (downstream)	-	No	-	-	-	-	Yes	-
Stewart Canyon Creek	Underground (downstream)	-	No	-	-	-	-	Yes	-
Stewart Canyon Creek	Standpipe	-	No	-	-	-	-	Yes	-
Stewart Canyon Creek	Underground (upstream)	-	No	-	-	-	-	Yes	-
Grandview Drain	Underground (downstream)	-	No	-	-	-	-	Yes	-
Fox Canyon Barranca	Bridge	-	Yes	-	-	-	-	Yes	-
Fox Canyon Barr A	Upstream blockage	-	No	-	-	-	-	Yes	-
Fox Canyon Barr B	Upstream blockage	-	No	-	-	-	-	Yes	-
Fox Canyon Barr C	Upstream blockage	-	No	-	-	-	-	Yes	-
Ayers Creek	Upstream blockage	-	No	-	-	-	-	Yes	-
Arbolada Creek	Underground (downstream)	-	No	-	-	-	-	Yes	-
Ayers Creek Trib A 3	Upstream blockage	-	No	-	-	-	-	Yes	-
Ayers Creek Trib A 2	Underground (downstream)	-	No	-	-	-	-	Yes	-
Ayers Creek Trib A 3	Underground (downstream)	-	No	-	-	-	-	Yes	-
Ayers Creek Trib A	Upstream blockage	-	No	-	-	-	-	Yes	-
Ayers Creek Trib A 2	Upstream blockage	-	No	-	-	-	-	Yes	-
Del Norte Trib A	Upstream blockage	-	No	-	-	-	-	Yes	-
Del Norte	Underground (upstream)	-	No	-	-	-	-	Yes	-
Del Norte	Underground (downstream)	-	No	-	-	-	-	Yes	-
Ojai Creek Trib A	Upstream blockage	-	No	-	-	-	-	Yes	-
Country Club Creek	Road crossing culvert	-	Yes	-	-	-	-	Yes	-
Fox Canyon Barranca	Underground (downstream)	-	No	-	-	-	-	Yes	-
Fox Cyn Barranca Trib C	Underground (downstream)	-		-	-	-	-	Yes	-
Fox Cyn Barranca Trib B	Underground (downstream)	-	No	-	-	-	-	Yes	-
Stewart Canyon Creek	Dam	-	No	-	-	-	-	Yes	-

APPENDIX D.
SMALL SCALE TOPO MAPS OF OJAI STREAM DRAINAGES
(NORTH, SOUTH, EAST, & WEST PORTIONS OF CITY LIMITS)

