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

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

Stream Characterization Field Data Sheet

Date: 6/8/04	**Investigator(s):** CB, JC		**Site ID #:** Reach 1
Time: Jim's WP019	**Lat.:** 34.44525	**Long:** -119.24999	**Elev. ft.:** 722 ft.
Photo No(s).:	**Photo Notes:** no end WP for this reach cuz no access		

Drainage/Creek Name: Arbolata Cr.
Site Location: Arbolata Cr. below Hwy 150 below intersection w/ Ojai path.
General Flow Conditions: no flows

Channel Morphology (include stream banks): natural bed + banks, but human-placed boulders in place; high sinuosity
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, X No
Cover Type: X Over-hanging Vegetation, ____ Submerged Boulders, ____ Logs, ____ Root Wads, ____ Submerged Vegetation, ____ Undercut Banks, ____ Other
Instream: N/A
Riparian Habitat: Coast Live Oak woodland w/ great inf. by invasive, ornam. trees
Shading: 90% Palms, Eucalyptus, Bamboo
Substrate Composition: soil, rock
Particle Size Range: soil, boulders, cobbles, gravels
Potential Spawning? ____ Yes, X No Potential Rearing? ____ Yes, X 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:

Channel Cross Section

Aerial View of Channel

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

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

Stream Characterization Field Data Sheet

Date: 27 MAY 2004	Investigator(s): David L. Magney		Site ID #:
Time: 14:34	Lat.: 34.45995	Long: 119.23387	Elev. ft.: 872–
Photo No(s).:	Photo Notes:		

Drainage/Creek Name: Ayer Drainage
Site Location: Pleasant Ave. between Mercer & Ayers
General Flow Conditions: ephemeral - intermittent / dry

Channel Morphology (include stream banks): concrete/asphalt line ditch

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: _____
Riparian Habitat: _____
Shading: _____
Substrate Composition: _____
Particle Size Range: _____
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: WP
WP058-59 Ayer Drain outlets
WP064 SR150 N drain inlet
WP065 Melaleuca leprosa & Ulmus

Channel Cross Section

Aerial View of Channel

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

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Stream Characterization Field Data Sheet

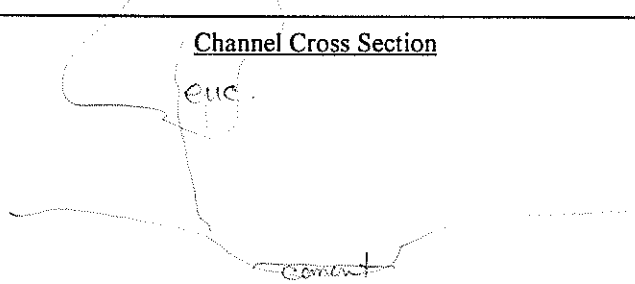
Date: 8/13/04	**Investigator(s):** KN, CB		**Site ID #:** 1
Time:	**Lat.:** 34.44661	**Long:** -119.23016	**Elev. ft.:** 750
Photo No(s).:	**Photo Notes:** WP031		

Drainage/Creek Name: Ayers Cr.
Site Location: W edge golf course
General Flow Conditions: no flows

Channel Morphology (include stream banks): made graded, cement bottom, small drainage (like a side walk), shallow

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, X No
Cover Type: X Over-hanging Vegetation, ___ Submerged Boulders, ___ Logs, ___ Root Wads, ___ Submerged Vegetation, ___ Undercut Banks, ___ Other
Instream: —
Riparian Habitat: Eucalyptus, Acacia, Cult. Walnut, Toyon
Shading: by Eucalyptus 80%
Substrate Composition: cement
Particle Size Range: cement
Potential Spawning? ___ Yes, X No
Potential Rearing? ___ Yes, X 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:

Channel Cross Section



Aerial View of Channel

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

David Magney Environmental Consulting
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Stream Characterization Field Data Sheet

Date: 8/13/04	Investigator(s): CB, KD		Site ID #: 2
Time:	Lat.: 34.44663	Long: 119.22996	Elev. ft.: 740
Photo No(s).:	Photo Notes:	WP032	

Drainage/Creek Name: Ayers Cr.
Site Location: from giant hole drains to
General Flow Conditions: no flows present

Channel Morphology (include stream banks): no channel - underground.

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, X Run
Inundated? X Yes, ___ No underground
Cover Type: ___ Over-hanging Vegetation, ___ Submerged Boulders, ___ Logs, ___ Root Wads,
___ Submerged Vegetation, ___ Undercut Banks, X Other under cement
Instream: —
Riparian Habitat: —
Shading: — 100% by undergrounding
Substrate Composition: cement
Particle Size Range: —

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

Channel Cross Section

Aerial View of Channel

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

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Stream Characterization Field Data Sheet

Date: 8/13/04	Investigator(s): KN, CB		Site ID #: 3
Time:	Lat.: 34.44600	Long: 119.22990	Elev. ft.: 744
Photo No(s).:	Photo Notes: (DP033)		

Drainage/Creek Name: Ayers Cr.
Site Location: pump to culvert ~30ft. dist.
General Flow Conditions: trickling from pipe-runoff from pump.

Channel Morphology (include stream banks): made made, straight.

Water Depth (3 cross sectional measurements in ft/in): _____ _____ _____ Average Depth (ft/in) 2"
Water Width (ft/in) 1'
Stream Velocity ([100] feet / [?]second) –
Discharge (CFS) –
Stream Habitat Type: ____ Pool, ____ Riffle, ____ Run
Inundated? X Yes, ____ No
Cover Type: ____ Over-hanging Vegetation, ____ Submerged Boulders, ____ Logs, ____ Root Wads,
____ Submerged Vegetation, ____ Undercut Banks, ____ Other
Instream: Cyperus, Rorippa, Epilobium ciliatum
Riparian Habitat: –
Shading: – ~Oaktree 30%
Substrate Composition: cement
Particle Size Range: cement

Potential Spawning? ____ Yes, X No
Potential Rearing? ____ Yes, X 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: _____

Channel Cross Section

Aerial View of Channel

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

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

Stream Characterization Field Data Sheet

Date: 8/13/04	**Investigator(s):** CB/ICN		**Site ID #:** 4
Time:	**Lat.:** 34.44592	**Long:** 119 22990	**Elev. ft.:** 742
Photo No(s).:	**Photo Notes:** WP034		

Drainage/Creek Name: Ayers
Site Location: from culvert going underground to next culvert opening.
General Flow Conditions: flows present, slow

Channel Morphology (include stream banks): underground

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, X Run
Inundated? X Yes, ___ No
Cover Type: ___ Over-hanging Vegetation, ___ Submerged Boulders, ___ Logs, ___ Root Wads, ___ Submerged Vegetation, ___ Undercut Banks, X Other cement underground
Instream: —
Riparian Habitat: —
Shading: — cement 100%
Substrate Composition: cement
Particle Size Range: cement
Potential Spawning? ___ Yes, X No Potential Rearing? ___ Yes, X 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:

Channel Cross Section

Aerial View of Channel

City of Ojai-Streams Grant
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David Magney Environmental Consulting
P.O. Box 1346 Ojai, CA 93024 805/646 6045

Stream Characterization Field Data Sheet

Date: 8/13/04	**Investigator(s):** QB / KN		**Site ID #:** 5
Time:	**Lat.:** 34.44555	**Long:** 119.22970	**Elev. ft.:** 743
Photo No(s).:	**Photo Notes:** WP035		

Drainage/Creek Name: Ayers. Cr.
Site Location: edge of golf course from culvert to San Antonio Cr.
General Flow Conditions: water present

Channel Morphology (include stream banks): natural bottom, highly dist., +/- straight to San An.

Water Depth (3 cross sectional measurements in ft/in): ____ 5" ____ Average Depth (ft/in)____
Water Width (ft/in) 3'
Stream Velocity ([100] feet / [?]second) –
Discharge (CFS) –
Stream Habitat Type: X Pool, X Riffle, X Run
Inundated? X Yes, ___ No
Cover Type: X Over-hanging Vegetation, X Submerged Boulders, X Logs, X Root Wads, X Submerged Vegetation, X Undercut Banks, ___ Other
Instream:
Riparian Habitat: Salix lasio., palm, Toyon, Prunus
Shading: by veg. ~70%
Substrate Composition: rock, sand
Particle Size Range: boulders, cobbles, sand
Potential Spawning? ___ Yes, X No Potential Rearing? ___ Yes, X 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:

Channel Cross Section

Aerial View of Channel

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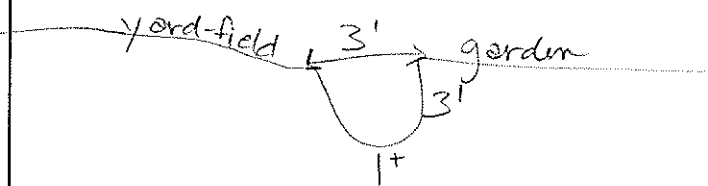
Stream Characterization Field Data Sheet

Date: 5/27/04	Investigator(s): KN, CB		Site ID #: Reach1
Time:	Lat.: 34.45740	Long: -119.26121	Elev. ft.: 961ft
Photo No(s).:	Photo Notes: WP035		

Drainage/Creek Name: Del Norte
Site Location: Fairview, New home-front yard.
General Flow Conditions: no flows

Channel Morphology (include stream banks): incised, channelized, natural stone w/ Morter; rock bottom and banks
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, X Run
Inundated? ____ Yes, ____ No
Cover Type: X Over-hanging Vegetation, ____ Submerged Boulders, ____ Logs, ____ Root Wads, ____ Submerged Vegetation, ____ Undercut Banks, ____ Other
Instream: Washingtonia, Spartium, Eucalyptus, Populus fremontii planted
Riparian Habitat: Typha stand, Annual Grassland, Ornamental - Coast Live Oak For
Shading: 20%
Substrate Composition: natural rock, soil - erosion/deposition
Particle Size Range: Boulders
Potential Spawning? ____ Yes, X No
Potential Rearing? ____ Yes, X 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:

Channel Cross Section



Aerial View of Channel

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Stream Characterization Field Data Sheet

Date: 5/27/04	Investigator(s): KN, CB		Site ID #: Reach 2
Time:	Lat.: 34.45545	Long: -119.26143	Elev. ft.: 920ft
Photo No(s).:	Photo Notes: WP037		

Drainage/Creek Name: Del Norte

Site Location:

General Flow Conditions: no flows

Channel Morphology (include stream banks): incised; natural bottom banks, minutely meandering but more/less stright/channelized.

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: X Pool, X Riffle, ___ Run

Inundated? ___ Yes, X No

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

Instream:

Riparian Habitat: Coast Live Oak above w/Eucalyptus, Spartium, Oleander-kl/oc

Shading: 90% no rip. veg - highly disturbed.

Substrate Composition: Rock soil

Particle Size Range: Boulder soil

Potential Spawning? ___ Yes, X No

Potential Rearing? ___ Yes, X No

pH (0-14):

Dissolved Oxygen (mg/L, %):

Temperature (°C):

Conductivity (µS or mS):

Specific Conductance (µS or mS):

Salinity (ppt):

TDS (ppm):

Hardness:

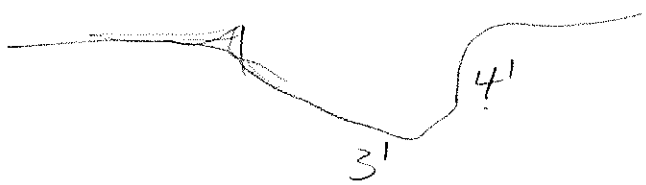
Carbon Dioxide:

Turbidity (NTUs):

Coliform Bacteria:

Other Observations:

Channel Cross Section



Aerial View of Channel

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Stream Characterization Field Data Sheet

Date: 5/27/04	**Investigator(s):** CB, KN		**Site ID #:** Reach 3
Time:	**Lat.:** 34.45427	**Long:** -119.26149	**Elev. ft.:** 900 ft.
Photo No(s).:	**Photo Notes:** WP038		

Drainage/Creek Name: Del Norte

Site Location: _____

General Flow Conditions: no flows

Channel Morphology (include stream banks): incised; natural bottom, but man-placed boulders, meandering

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, X Riffle, X Run

Inundated? ___ Yes, X No

Cover Type: ___ Over-hanging Vegetation, ___ Submerged Boulders, ___ Logs, ___ Root Wads, ___ Submerged Vegetation, ___ Undercut Banks, ___ Other none

Instream: _____

Riparian Habitat: none, Annual Grassland

Shading: 5%

Substrate Composition: Rock, soil

Particle Size Range: Boulders, Cobbles, eroded soil

Potential Spawning? ___ Yes, X No

Potential Rearing? ___ Yes, X No

pH (0-14): _____

Dissolved Oxygen (mg/L, %): _____

Temperature (°C): _____

Conductivity (µS or mS): _____

Specific Conductance (µS or mS): _____

Salinity (ppt): _____

TDS (ppm): _____

Hardness: _____

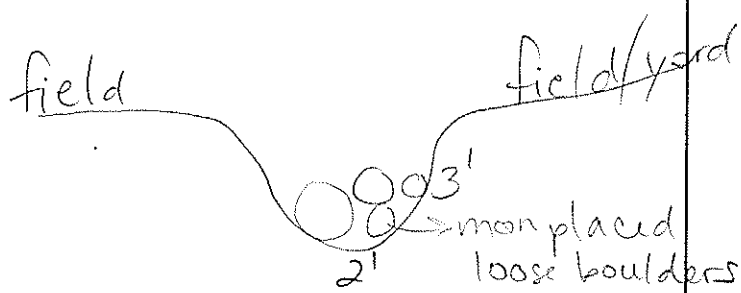
Carbon Dioxide: _____

Turbidity (NTUs): _____

Coliform Bacteria: _____

Other Observations: _____

Channel Cross Section



Aerial View of Channel

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

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Stream Characterization Field Data Sheet

Date: 5/27/04	**Investigator(s):** CB, KN		**Site ID #:** Reach 4
Time:	**Lat.:** 34.45354	**Long:** -119.26134	**Elev. ft.:** 888ft.
Photo No(s).:	**Photo Notes:** wp041		

Drainage/Creek Name: Del Norte

Site Location: _____

General Flow Conditions: no flows

Channel Morphology (include stream banks): incised, meanders; natural bottom, banks; backyards; highly disturbed.

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: X Pool, X Riffle, ___ Run

Inundated? ___ Yes, X No

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

Instream: _____

Riparian Habitat: Coast Live Oak + ornamental Woodland, herbaceous nonnatives below.

Shading: 65%

Substrate Composition: Rock, soil, litter

Particle Size Range: Boulders, soil, litter

Potential Spawning? ___ Yes, X No

Potential Rearing? ___ Yes, X 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: _____

Channel Cross Section

Aerial View of Channel

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Stream Characterization Field Data Sheet

Date: 5/27/04	Investigator(s): CB, KN		Site ID #: Reach 5
Time:	Lat.: 34.45158	Long: -119.76183	Elev. ft.: 885ft.
Photo No(s).:	Photo Notes: WP045		

Drainage/Creek Name: Del Norte

Site Location:

General Flow Conditions: no flows.

Channel Morphology (include stream banks): incised; natural bottom & banks, meandering back yards

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, X Riffle, X Run

Inundated? ___ Yes, X No

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

Instream: Spartium, fig

Riparian Habitat: none - all ornamentals, Washingtonia, Eucalyptus (dom.), Shinus mole

Shading: 95%

Substrate Composition: Rocks, concrete, bricks

Particle Size Range: Boulders, cobbles.

Potential Spawning? ___ Yes, X No

Potential Rearing? ___ Yes, X 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:

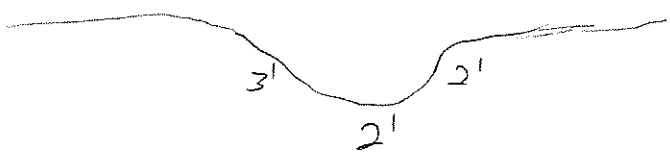
Turbidity (NTUs):

Coliform Bacteria:

Other Observations:

Channel Cross Section

Eucalyptus woodland



Aerial View of Channel

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Stream Characterization Field Data Sheet

Date: 5/27/04	Investigator(s): CB, KN		Site ID #: Reach 6
Time:	Lat.: 34.44868	Long: -119.26159	Elev. ft.: 865 ft.
Photo No(s).:	Photo Notes: WP053		

Drainage/Creek Name: Del Norte

Site Location: _____

General Flow Conditions: incised, natural + man laid (bank) rock; natural bottom

Channel Morphology (include stream banks): no flows

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: X Pool, X Riffle, X Run

Inundated? ___ Yes, X No

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

Instream: _____

Riparian Habitat: Rubus ursinus; Coast Live Oak Rip. Woodland dom. w/some ornamentals

Shading: 80%

Substrate Composition: cement poured in @ one site

Particle Size Range: boulders, cobbles, gravels

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

pH (0-14): _____

Dissolved Oxygen (mg/L, %): _____

Temperature (°C): _____

Conductivity (µS or mS): _____

Specific Conductance (µS or mS): _____

Salinity (ppt): _____

TDS (ppm): _____

Hardness: _____

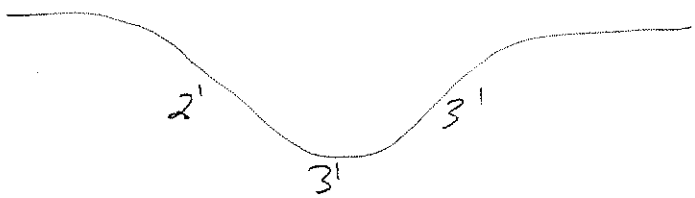
Carbon Dioxide: _____

Turbidity (NTUs): _____

Coliform Bacteria: _____

Other Observations: Daucus pusilus ✓

Channel Cross Section



Aerial View of Channel

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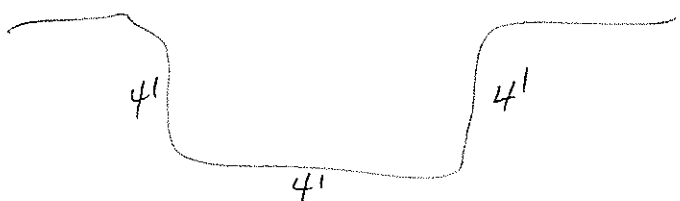
Stream Characterization Field Data Sheet

Date: 5/27/04	Investigator(s): KN, CB		Site ID #: Reach 7
Time:	Lat.: 34.44443	Long: -119.26053	Elev. ft.: 822
Photo No(s).:	Photo Notes: WP057		

Drainage/Creek Name: Del Norte
Site Location: Cuyama intersection
General Flow Conditions: no flows

Channel Morphology (include stream banks): natural rock-man-laid (boulder walls/banks) standing water @ bridge (beginning) back yard; along del norte
Water Depth (3 cross sectional measurements in ft/in): 5" 8" 6" Average Depth (ft/in) 9"
Water Width (ft/in) 5' at beginning bridge
Stream Velocity ([100] feet / [?]second) — everywhere else no water
Discharge (CFS) — also some standing water @ end culvert.
Stream Habitat Type: ___ Pool, X Riffle, X Run
Inundated? ___ Yes, ___ No
Cover Type: X Over-hanging Vegetation, ___ Submerged Boulders, ___ Logs, X Root Wads,
___ Submerged Vegetation, ___ Undercut Banks, X Other Euc stump.
Instream: Eucalyptus
Riparian Habitat: Coast Live Oak Rip. Woodland (Valley Oak too)
Shading: 60%
Substrate Composition: rocks, sediments
Particle Size Range: boulders, cobbles, fines
Potential Spawning? ___ Yes, X No Potential Rearing? ___ Yes, X 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: _____

Channel Cross Section



Aerial View of Channel

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

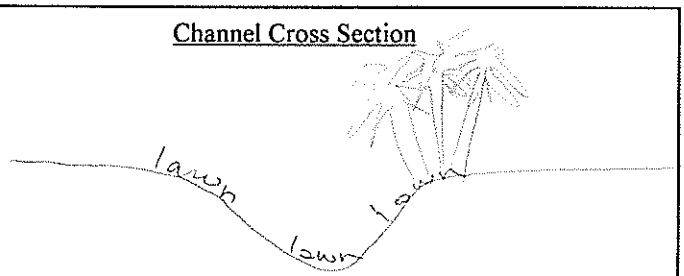
David Magney Environmental Consulting
P.O. Box 1346 Ojai, CA 93024 805/646 6045

Stream Characterization Field Data Sheet (WP001)

Date: 8/19/04	**Investigator(s):** CB/KD		**Site ID #:** 1
Time: 2:25 pm	**Lat.:** 34.44129	**Long:** 119.25998	**Elev. ft.:** 755 ft.
Photo No(s).: 1, 2	**Photo Notes:** start @ the "Y" view N; some, but view S of culvert.		

Drainage/Creek Name: Del Norte Cr.
Site Location: start of Del Norte @ intersection of ("Y") of 150 + 33
General Flow Conditions: 2 puddles present only
water not flowing
Channel Morphology (include stream banks): reach small, above ground, 1 curve, insized
natural bottom with lawn cover +
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: X Pool, ___ Riffle, ___ Run
Inundated? ½ Yes, ___ No
Cover Type: X Over-hanging Vegetation, ___ Submerged Boulders, ___ Logs, ___ Root Wads,
___ Submerged Vegetation, ___ Undercut Banks, ___ Other
Instream: water cress Typha domingensis; Eucalyptus. Valley Oak.
Riparian Habitat: None really Washingtonia robusta
Shading: by palms
Substrate Composition: soil
Particle Size Range: —
Potential Spawning? ___ Yes, X No Potential Rearing? ___ Yes, X 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:

Channel Cross Section



Aerial View of Channel

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

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Stream Characterization Field Data Sheet (WP002)

Date: 8/19/04	Investigator(s): CB / KN		Site ID #: 2
Time:	Lat.: 34.44114	Long: 119.25999	Elev. ft.: 745
Photo No(s).: void 3; 4,5,6	Photo Notes: views @ top of reach 2.; culvert view S; culvert view N @ end of R-2		

Drainage/Creek Name: Del Norte

Site Location: golf course

General Flow Conditions: no flows present (underground)

Channel Morphology (include stream banks): underground.

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, X Other underground.

Instream: —

Riparian Habitat: —

Shading: underground.

Substrate Composition: —

Particle Size Range: —

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:

Channel Cross Section

Aerial View of Channel

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

David Magney Environmental Consulting
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Stream Characterization Field Data Sheet (WP005)

Date: 8/19/04	Investigator(s): CB/KN		Site ID #: 3
Time:	Lat.: 34.43998	Long: -119.25998	Elev. ft.: 725
Photo No(s).: 7;8	Photo Notes: view S @ begin of Reach 3; view N @ end of Reach 3		

Drainage/Creek Name: Del Norte

Site Location: —

General Flow Conditions: flows present; standing to closed.

Channel Morphology (include stream banks): natural bottom, meandering, +/- incised

Water Depth (3 cross sectional measurements in ft/in): 1 3 2 Average Depth (ft/in) 2

Water Width (ft/in) 2"

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

Discharge (CFS) —

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

Inundated? X Yes, ___ No

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

Instream: water striders, polywogs, algae

Riparian Habitat: Typha dam, Quercus sp, Q. lobata, Toxico; Vinca major; Fraxinus

Shading: by trees

Substrate Composition: rock, cobbles

Particle Size Range:

Potential Spawning? ___ Yes, X No

Potential Rearing? X 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:

Channel Cross Section

Aerial View of Channel

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City of Ojai-Streams Grant
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David Magney Environmental Consulting
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Stream Characterization Field Data Sheet

WP006

Date: 8/19/04	**Investigator(s):** KN/CB		**Site ID #:** 4
Time:	**Lat.:** 34.43879	**Long:** 119.25977	**Elev. ft.:** 725
Photo No(s).: 9, 10	**Photo Notes:** view SW of begin of reach 4; view SW of reach 4		

Drainage/Creek Name: Del Norte

Site Location: @ bridge

General Flow Conditions: flows underground.

Channel Morphology (include stream banks): underground.

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, X Run

Inundated? X Yes, ____ No

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

Instream: under

Riparian Habitat: under

Shading: under

Substrate Composition: —

Particle Size Range: —

Potential Spawning? ____ Yes, X No

Potential Rearing? ____ Yes, X 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: ____

Channel Cross Section

Aerial View of Channel

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

David Magney Environmental Consulting
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Stream Characterization Field Data Sheet

WP007

Date: 8/19/04	Investigator(s): KN/CB		Site ID #: 5
Time:	Lat.: 34.43836	Long: 119.26036	Elev. ft.: 720
Photo No(s).: 11,12,13	Photo Notes: views W of beginof reach 5, viewN, viewS		

Drainage/Creek Name: Del Norte 14 = viewN 15 = viewS 16 = end of 5

Site Location: _____

General Flow Conditions: flows present

Channel Morphology (include stream banks): meandering, +/- incised.

Water Depth (3 cross sectional measurements in ft/in): 2 4 3 Average Depth (ft/in) 3

Water Width (ft/in) 3'

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

Discharge (CFS) –

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

Inundated? X Yes, ___ No

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

Instream: insects, polywogs, mint, algae, watercress

Riparian Habitat: Typhodam; E. magnifolia; Wash. robusta; Fraxinus, Mint

Shading: by veg.

Substrate Composition: soil, rock

Particle Size Range: boulder, stone, cobble, gravel

Potential Spawning? ___ Yes, ___ No Potential Rearing? X 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: _____

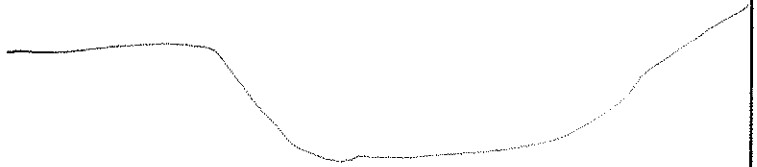
Carbon Dioxide: _____

Turbidity (NTUs): _____

Coliform Bacteria: _____

Other Observations: _____

Channel Cross Section



Aerial View of Channel

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City of Ojai-Streams Grant
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David Magney Environmental Consulting
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Stream Characterization Field Data Sheet WP008

Date: 8/19/04	**Investigator(s):** KN/CB		**Site ID #:** 6
Time:	**Lat.:** 34.43236	**Long:** 119.25984	**Elev. ft.:** 620
Photo No(s).: 17	**Photo Notes:** views at top of 6		

Drainage/Creek Name: Del Norte

Site Location: southern end of course

General Flow Conditions: no flows present

Channel Morphology (include stream banks): meandering, natural, incised.

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, X No

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

Instream: sod.

Riparian Habitat: —

Shading: planted pines + undercut banks

Substrate Composition: soil

Particle Size Range: —

Potential Spawning? ____ Yes, X No

Potential Rearing? ____ Yes, X 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: ____

Channel Cross Section

Aerial View of Channel

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

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Stream Characterization Field Data Sheet

WP009

Date: 8/19/04	**Investigator(s):** KN/CD		**Site ID #:** 7
Time:	**Lat.:** 34.43198	**Long:** 119-25944	**Elev. ft.:** 595
Photo No(s).: 18	**Photo Notes:** views @ top of 7		

Drainage/Creek Name: DelNorte

Site Location: southern end

General Flow Conditions: no flows present

Channel Morphology (include stream banks): +/- straight, natural bottom

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, X No

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

Instream: —

Riparian Habitat: salix lasiolepis, Eucalyptus, Oak, Raspberry

Shading: by veg.

Substrate Composition: rock

Particle Size Range: boulder, stones, cobbles

Potential Spawning? ____ Yes, X No Potential Rearing? X 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:

Channel Cross Section

Aerial View of Channel

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

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

Stream Characterization Field Data Sheet WP010

Date: 8/19/04	**Investigator(s):** KW/CB		**Site ID #:** 8
Time:	**Lat.:** 34.43098	**Long:** 119.25906	**Elev. ft.:** 585
Photo No(s).: 19	**Photo Notes:** views @ top of 8		

Drainage/Creek Name: Del Norte
Site Location: southern end
General Flow Conditions: no flows present

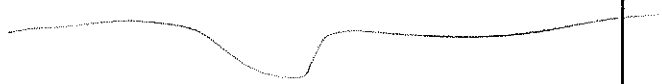
Channel Morphology (include stream banks): natural bottom, +/- straight, sod bottom

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, X No
Cover Type: X Over-hanging Vegetation, ____ Submerged Boulders, ____ Logs, ____ Root Wads,
____ Submerged Vegetation, ____ Undercut Banks, ____ Other
Instream: sod.
Riparian Habitat: —
Shading: Quercus agrifolia
Substrate Composition: soil
Particle Size Range: —

Potential Spawning? ____ Yes, X No
Potential Rearing? ____ Yes, X 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:

Channel Cross Section



Aerial View of Channel

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

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Stream Characterization Field Data Sheet WP011

Date: 8/19/04	Investigator(s): KN/CB		Site ID #: 9
Time:	Lat.: 34.43034	Long: 119-25900	Elev. ft.: 595
Photo No(s).: 20	Photo Notes: view south towards San Antonio Cr.		

Drainage/Creek Name: Del Norte
Site Location: south extent of course @confluence w/ San Antonio Cr.
General Flow Conditions: no flows present
Channel Morphology (include stream banks): +/- straight, natural
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, X No
Cover Type: X Over-hanging Vegetation, ____ Submerged Boulders, ____ Logs, ____ Root Wads, ____ Submerged Vegetation, ____ Undercut Banks, ____ Other
Instream: —
Riparian Habitat: Salix lasio, Arundo, Art. doug; Ital. thistle
Shading: ½ by Salix
Substrate Composition: soil rock
Particle Size Range: stone, cobbles
Potential Spawning? ____ Yes, X No Potential Rearing? ____ Yes, X 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:

Channel Cross Section

Aerial View of Channel

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

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no 23
WR022 - 024

Stream Characterization Field Data Sheet

Date: 9/10/04	**Investigator(s):** KN/CB		**Site ID #:** 1
Time:	**Lat.:** 34.44140	**Long:** 119.26012	**Elev. ft.:** 777
Photo No(s).:	**Photo Notes:**		

Drainage/Creek Name: Del Norte btwn Hwy 150 + golf cource

Site Location: at the 150/33 "Y" on S side of "Y" + on N Side of Ojai Path

General Flow Conditions: flow's present @ confluence of Del Norte + unnamed that flow thru wood culvert to golf course

Channel Morphology (include stream banks): natural, straight

Water Depth (3 cross sectional measurements in ft/in): 1" 3" 2" Average Depth (ft/in)

Water Width (ft/in) 1'

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

Discharge (CFS) —

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

Inundated? X Yes, ___ No

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

Instream: Vinca major, Piptatherum

Riparian Habitat: Quercus lobata, Quercus agrifolia, Typha domingensis, Fraxinus

Shading: by veg. 85%

Substrate Composition: Soil rock

Particle Size Range: stones, cobbles

Potential Spawning? ___ Yes, X No

Potential Rearing? ___ Yes, X No

pH (0-14):

Dissolved Oxygen (mg/L, %):

Temperature (°C):

Conductivity (µS or mS):

Specific Conductance (µS or mS):

Salinity (ppt):

TDS (ppm):

Hardness:

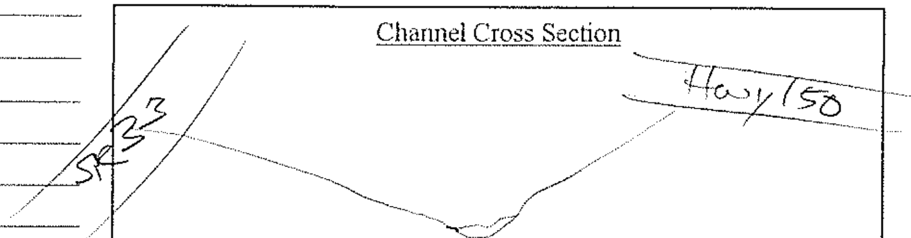
Carbon Dioxide:

Turbidity (NTUs):

Coliform Bacteria:

Other Observations:

Channel Cross Section



Aerial View of Channel

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

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Stream Characterization Field Data Sheet

WP082-023

Date: 9/10/04	Investigator(s): KN/CB		Site ID #: 1
Time:	Lat.: 34.44140	Long: 119.26012	Elev. ft.:
Photo No(s).:	Photo Notes: DelNorte (Tributary B)		

Drainage/Creek Name: Unnamed Tributary @ confluence w/ Del Norte
Site Location: @ the "Y" N of Golf course
General Flow Conditions: flows present (from culvert to culvert)

Channel Morphology (include stream banks): straight natural

Water Depth (3 cross sectional measurements in ft/in): 1" 1" 1" Average Depth (ft/in)
Water Width (ft/in) 1'
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: vines, Cyperus eragrostis
Riparian Habitat: Quercus agrifolia
Shading: by veg 70%
Substrate Composition: soil rock
Particle Size Range: stones, sand
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:

Channel Cross Section

Aerial View of Channel

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

David Magney Environmental Consulting
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Stream Characterization Field Data Sheet

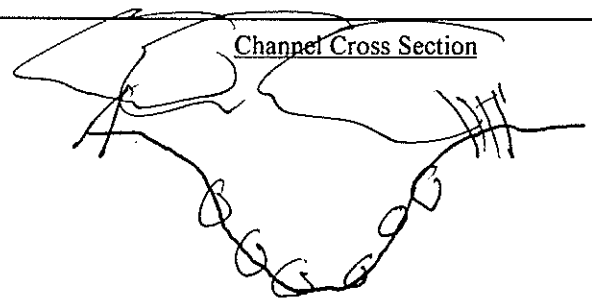
Date: 27 MAY 2004	Investigator(s): David L. Magney		Site ID #:
Time: 13:01 PM	Lat.: 34.46080	Long: 119.24255	Elev. ft.: 826 -
Photo No(s).: 27 - 30	Photo Notes: upstream and down - middle (both directions), downstream culvert end		

Drainage/Creek Name: Fox Canyon Barranca
Site Location: below/E of N. Montgomery St. to underground culvert
General Flow Conditions: dry - intermittent

Channel Morphology (include stream banks): incised natural channel

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, __X__ Riffle, __X__ Run
Inundated? ____ Yes, __X__ No
Cover Type: __X__ Over-hanging Vegetation, ____ Submerged Boulders, ____ Logs, ____ Root Wads,
____ Submerged Vegetation, ____ Undercut Banks, ____ Other_____
Instream: _____
Riparian Habitat: Coast Live Oak Riparian Forest w/Cercothrus spinosus, Malosma laurina, Marsh
Shading: 90%
Substrate Composition: boulders, cobble, gravel, sand, silt
Particle Size Range: _____
Potential Spawning? ____ Yes, __X__ No
Potential Rearing? ____ Yes, __X__ 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: WP039 top of reach
WP040 top of culvert Xing

Channel Cross Section



Aerial View of Channel

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

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

Stream Characterization Field Data Sheet

Date: 27 MAY 2004	Investigator(s): David L. Magney		Site ID #: WP041
Time:	Lat.: 34.46097	Long: 119.24291	Elev. ft.: 830 →
Photo No(s).: 32-51	Photo Notes:		

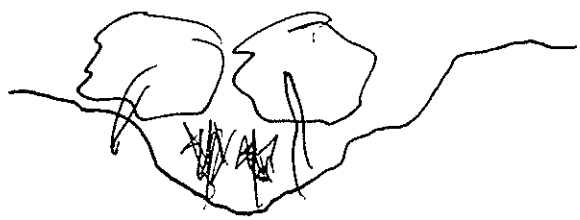
Drainage/Creek Name: Fox Canyon Branch - NWof N. Montgomery St.
Site Location:
General Flow Conditions: dry - intermittent/seasonal

Channel Morphology (include stream banks): natural high gradient stream w/steep banks
major silted in weir mid-way

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, X Riffle, ____ Run
Inundated? ____ Yes, X No
Cover Type: X Over-hanging Vegetation, X Submerged Boulders, ____ Logs, ____ Root Wads,
____ Submerged Vegetation, ____ Undercut Banks, ____ Other_____
Instream:
Riparian Habitat: Sycamore-Willow-Mulfat w/Rosa, Rubus
Shading: 90-100% in ~30% of reach; 20-50% in other portions; ~20% of reach has <10% cover
Substrate Composition: boulders to sand
Particle Size Range:
Potential Spawning? X Yes, ____ No Potential Rearing? X 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: WP041 @ N Montgomery St
WP042 @ culvert - full
WP043 - end of cc./begin of storm drain VCFCD
WP044 culvert opening
WP045 upper end of grouted riprap
WP046/47 driving bridge culvert
WP048 - weir - 12ft high
WP049 - pillar foundation footings in channel

Channel Cross Section



Aerial View of Channel

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City of Ojai-Streams Grant
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Stream Characterization Field Data Sheet

Date: 6/8/04	**Investigator(s):** CB, JC		**Site ID #:** Reach1
Time:	**Lat.:** 34.45368	**Long:** -119.24012	**Elev. ft.:** 734ft.
Photo No(s).:	**Photo Notes:**		

Drainage/Creek Name: Fox Cyn Baranca

Site Location: @ corner of Grand + Drown

General Flow Conditions: Channelized, slow, stagnant underground from Grand N.

Channel Morphology (include stream banks): Channelized (cemented completely in)

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, X Run

Inundated? +/- Yes, ___ No

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

Instream: algae, trash

Riparian Habitat: none

Shading: 10%

Substrate Composition: cement

Particle Size Range: cement

Potential Spawning? ___ Yes, X No

Potential Rearing? ___ Yes, X No

pH (0-14):

Dissolved Oxygen (mg/L, %):

Temperature (°C):

Conductivity (µS or mS):

Specific Conductance (µS or mS):

Salinity (ppt):

TDS (ppm):

Hardness:

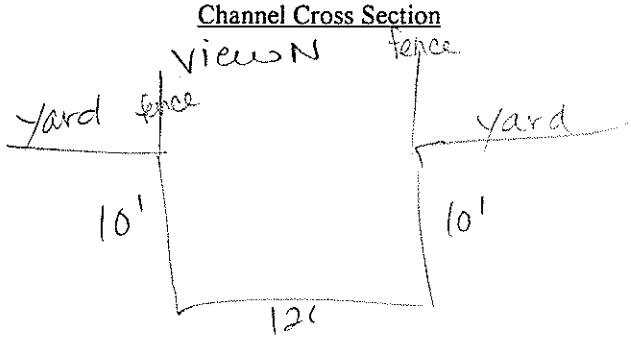
Carbon Dioxide:

Turbidity (NTUs):

Coliform Bacteria:

Other Observations:

Channel Cross Section



Aerial View of Channel

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City of Ojai-Streams Grant
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P.O. Box 1346 Ojai, CA 93024 805/646 6045

Stream Characterization Field Data Sheet

Date: 6/8/04	**Investigator(s):** CB, JC		**Site ID #:** Reach 2
Time:	**Lat.:** 34.45108	**Long:** -119.24010	**Elev. ft.:** 714 ft.
Photo No(s).:	**Photo Notes:**		

Drainage/Creek Name: Fox Cyn Baranca
Site Location: Oak st.
General Flow Conditions: same as Reach 1

Channel Morphology (include stream banks): same as Reach 1

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, X Run
Inundated? +/- Yes, ___ No
Cover Type: X Over-hanging Vegetation, ___ Submerged Boulders, ___ Logs, ___ Root Wads, ___ Submerged Vegetation, ___ Undercut Banks, ___ Other
Instream: algae, trash
Riparian Habitat: none
Shading: 30%
Substrate Composition: cement
Particle Size Range: cement
Potential Spawning? ___ Yes, X No
Potential Rearing? ___ Yes, X 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:

Channel Cross Section

Aerial View of Channel

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

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Stream Characterization Field Data Sheet

Date: 6/8/04	**Investigator(s):** CB, JB		**Site ID #:** Reach 3
Time:	**Lat.:** 34.45023	**Long:** -119.24016	**Elev. ft.:** 752ft
Photo No(s).:	**Photo Notes:**		

Drainage/Creek Name: Fox Cyn. Barranca
Site Location: next St. South of Oak St.
General Flow Conditions: same as Reach 1

Channel Morphology (include stream banks): same as Reach 1

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, X Run
Inundated? +/- Yes, ___ No
Cover Type: X Over-hanging Vegetation, ___ Submerged Boulders, ___ Logs, ___ Root Wads,
___ Submerged Vegetation, ___ Undercut Banks, ___ Other
Instream: algae, trash
Riparian Habitat: none
Shading: 50%
Substrate Composition: cement
Particle Size Range: cement
Potential Spawning? ___ Yes, X No Potential Rearing? ___ Yes, X 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:

Channel Cross Section

Aerial View of Channel

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

David Magney Environmental Consulting
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Stream Characterization Field Data Sheet

Date: 6/8/04	Investigator(s): CB, JC		Site ID #: Reach 4
Time:	Lat.: 34.44817	Long: -119.24105	Elev. ft.: 719 ft.
Photo No(s).:	Photo Notes:		

Drainage/Creek Name: Fox Cyn Barranca
Site Location: Hwy 150
General Flow Conditions: same as Reach 1

Channel Morphology (include stream banks): "

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, X Run
Inundated? +/- Yes, ___ No
Cover Type: X Over-hanging Vegetation, ___ Submerged Boulders, ___ Logs, ___ Root Wads,
___ Submerged Vegetation, ___ Undercut Banks, ___ Other ___
Instream: algae, trash
Riparian Habitat: none
Shading: 40%
Substrate Composition: cement
Particle Size Range: cement
Potential Spawning? ___ Yes, X No Potential Rearing? ___ Yes, X 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: ___

Channel Cross Section

Aerial View of Channel

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Stream Characterization Field Data Sheet

Date: 6/2/04	**Investigator(s):** CB, JC		**Site ID #:** Reach 5
Time:	**Lat.:** 34.44473	**Long:** -119.24178	**Elev. ft.:** 791ft.
Photo No(s).:	**Photo Notes:**		

Drainage/Creek Name: Fox Cyn Baranca
Site Location: @the Athletics Club. bridge end of Fox St.
General Flow Conditions: flows present, slow, meandering

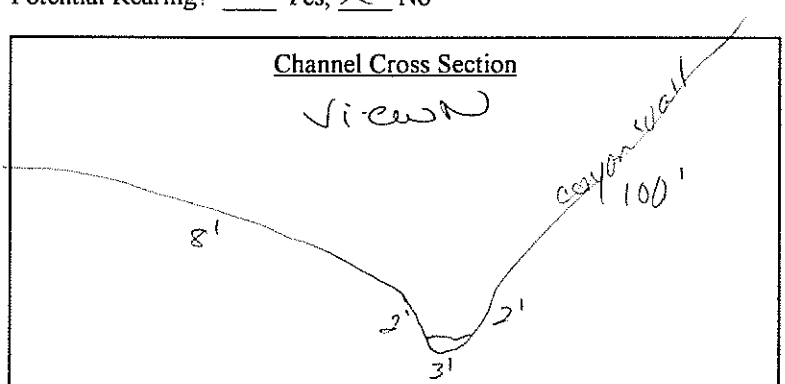
Channel Morphology (include stream banks): incised by steep canyon walls, natural bed & banks

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: X Pool, X Riffle, ___ Run
Inundated? X Yes, ___ No
Cover Type: X Over-hanging Vegetation, X Submerged Boulders, X Logs, X Root Wads,
X Submerged Vegetation, X Undercut Banks, ___ Other ___
Instream: insects, polywogs
Riparian Habitat: Coast Live Oak Rip. Forest w/Salix, Toyon, Rubus, Toxico
Shading: 90% by veg
Substrate Composition: cobbles, gravels boulders
Particle Size Range: ___

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

Channel Cross Section



Aerial View of Channel

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Stream Characterization Field Data Sheet

Date: 6/8/04	Investigator(s): CB, JC		Site ID #: Reach 6
Time:	Lat.: 34.44393	Long: -119.24399	Elev. ft.: 780 ft.
Photo No(s).:	Photo Notes:		

Drainage/Creek Name: Fox Cyn Barranca

Site Location: Btwn. end of Fox and Montgomery St

General Flow Conditions: flows present, slow

Channel Morphology (include stream banks): incised, moderate
(we followed road [Ventura + S. Montgomery] along creek)

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: X Pool, X Riffle, X Run

Inundated? X Yes, ___ No

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

Instream: algae, fish, insects

Riparian Habitat: Coast Live Oak Rip. Forest w/ Willow, Alder, Toyon, Toxico, Rubus, Juglans, Mulefat

Shading: 95%

Substrate Composition: sand; rock

Particle Size Range: boulders, cobbles, gravels, sand

Potential Spawning? ___ Yes, X No

Potential Rearing? X 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:
potential red-legged Frog habitat.

Channel Cross Section

Aerial View of Channel

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

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

Stream Characterization Field Data Sheet

Date: 9/10/04	Investigator(s): KN/CB		Site ID #: 1
Time: 12:40	Lat.: 34.45938	Long: 119.24120	Elev. ft.: 839 ft.
Photo No(s).:	Photo Notes: WP029		

Drainage/Creek Name: ~~Doley Road Creek~~ = Fox Cyn B.
Site Location: near pleasant Rd.
General Flow Conditions: no flows present

Channel Morphology (include stream banks): natural/disturbed, +/- straight

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, X No
Cover Type: X Over-hanging Vegetation, ____ Submerged Boulders, ____ Logs, ____ Root Wads, ____ Submerged Vegetation, ____ Undercut Banks, X Other
Instream: leaf litter, Vinca, dumpage
Riparian Habitat: Coast Live Oak Rip. Forest (disturbed); English Ivy; Forgot what
Shading: yes by veg. 90%
Substrate Composition: soil
Particle Size Range: soil stones
Potential Spawning? ____ Yes, X No Potential Rearing? ____ Yes, X 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:
alot of dumping

Channel Cross Section

Aerial View of Channel

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

David Magney Environmental Consulting
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Stream Characterization Field Data Sheet

Date: 9/10/04	Investigator(s): KN/CB		Site ID #: 2
Time:	Lat.: 34.45881	Long: 119.24087	Elev. ft.: 830 ft.
Photo No(s).:	Photo Notes: WP031		

Drainage/Creek Name: ~~Dale Ward Creek~~ (culvert) under dirt road crossing
Site Location: Fox Cyn 13. drainage
General Flow Conditions: no flows present

Channel Morphology (include stream banks): culvert

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, X No
Cover Type: ____ Over-hanging Vegetation, ____ Submerged Boulders, ____ Logs, ____ Root Wads,
____ Submerged Vegetation, ____ Undercut Banks, X Other Culvert
Instream: culvert
Riparian Habitat: "
Shading: " 100%
Substrate Composition: "
Particle Size Range: "
Potential Spawning? ____ Yes, X No Potential Rearing? ____ Yes, X 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:

Channel Cross Section

Aerial View of Channel

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

David Magney Environmental Consulting
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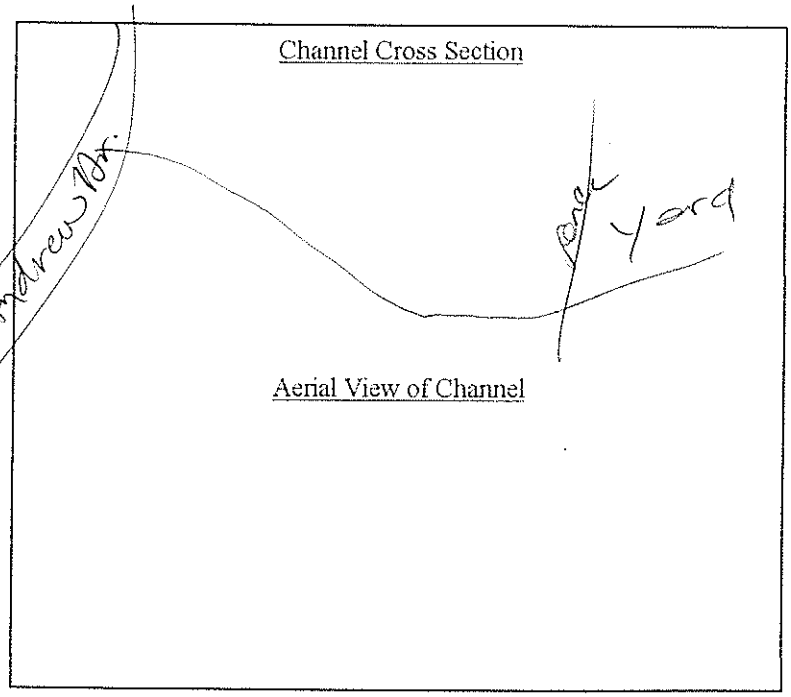
Stream Characterization Field Data Sheet

Date: 9/10/04	Investigator(s): KN/CB		Site ID #: 3
Time:	Lat.: 34.45879	Long: 119.24091	Elev. ft.: 826ft.
Photo No(s).:	Photo Notes: WP032		

Drainage/Creek Name: ~~Dalton Rd. Creek~~. = Fox Cyn B.
Site Location: to Rains Rd. x w/ Andrew Dr.
General Flow Conditions: no flows

Channel Morphology (include stream banks): straight, natural (yard)

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, X No
Cover Type: X Over-hanging Vegetation, ____ Submerged Boulders, ____ Logs, ____ Root Wads, ____ Submerged Vegetation, ____ Undercut Banks, X Other leaf litter
Instream: leaf litter
Riparian Habitat: (Upland) Coast Live Oak Woodland
Shading: by oaks 50%
Substrate Composition: soil
Particle Size Range: soil
Potential Spawning? ____ Yes, X No
Potential Rearing? ____ Yes, X 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: ____



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Stream Characterization Field Data Sheet

Date: 9/10/04	Investigator(s): KN/CB.		Site ID #: 4
Time:	Lat.: 34.45823	Long: 119.24034	Elev. ft.: 820ft.
Photo No(s).:	Photo Notes: WP033		

Drainage/Creek Name: ~~Dahlay Rd Creek~~ (culvert under Rains Rd.)
Site Location: = Fox Cyn B.
General Flow Conditions: no flows

Channel Morphology (include stream banks): culvert under road.

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, X No
Cover Type: ____ Over-hanging Vegetation, ____ Submerged Boulders, ____ Logs, ____ Root Wads, ____ Submerged Vegetation, ____ Undercut Banks, X Other culvert
Instream: culvert
Riparian Habitat: "
Shading: " 100%
Substrate Composition: "
Particle Size Range: "
Potential Spawning? ____ Yes, X No Potential Rearing? ____ Yes, X 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:

Channel Cross Section

Aerial View of Channel

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

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Stream Characterization Field Data Sheet

Date: 9/10/04	Investigator(s): KN/CB		Site ID #: 5
Time:	Lat.: 34.45805	Long: 119.24026	Elev. ft.: 820 ft.
Photo No(s).:	Photo Notes: WP034		

Drainage/Creek Name: ~~Dairy Rd. Creek~~ = Fox Cyn B.
Site Location: on S side of Reins Ct. to fence
General Flow Conditions: no flows

Channel Morphology (include stream banks): natural

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, X No
Cover Type: X Over-hanging Vegetation, ____ Submerged Boulders, ____ Logs, ____ Root Wads,
____ Submerged Vegetation, ____ Undercut Banks, ____ Other
Instream: leaf litter
Riparian Habitat: Vinca major, Quercus agrifolia
Shading: by oaks 60%
Substrate Composition: soil rock
Particle Size Range: stones, soil
Potential Spawning? ____ Yes, X No Potential Rearing? ____ Yes, X 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:

Channel Cross Section

Aerial View of Channel

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

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Stream Characterization Field Data Sheet

Date: 9/10/04	Investigator(s): KN/CB		Site ID #: 6
Time:	Lat.: 34.45404	Long: 119.23989	Elev. ft.: 803 ft
Photo No(s).:	Photo Notes: WP036		

Drainage/Creek Name: ~~Dobeykat Creek~~ = Fox Cyn B.
Site Location: @ Grand Ave.
General Flow Conditions: no flows

Channel Morphology (include stream banks): natural

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, X No
Cover Type: X Over-hanging Vegetation, ____ Submerged Boulders, ____ Logs, ____ Root Wads, ____ Submerged Vegetation, ____ Undercut Banks, ____ Other
Instream: leaf litter, garbage
Riparian Habitat: Phoenix canariensis, Washingtonia, Yucca elephantipes
Shading: by palms 80%
Substrate Composition: soil rock
Particle Size Range: boulders stones
Potential Spawning? ____ Yes, X No Potential Rearing? ____ Yes, X 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: garbage dumped

Channel Cross Section

Aerial View of Channel

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City of Ojai-Streams Grant
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Stream Characterization Field Data Sheet

Date: 9/10/04	Investigator(s): KN/CB		Site ID #: 7
Time:	Lat.: 34.45395	Long: 119.23990	Elev. ft.: 794
Photo No(s).:	Photo Notes: WP037		

Drainage/Creek Name: Dalo, Rd. Creek. = Fox Cyn B.
Site Location: @ Grand Ave. (Culvert)
General Flow Conditions: no flows

Channel Morphology (include stream banks): culvert

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, X No
Cover Type: ____ Over-hanging Vegetation, ____ Submerged Boulders, ____ Logs, ____ Root Wads,
____ Submerged Vegetation, ____ Undercut Banks, X Other culvert
Instream: culvert
Riparian Habitat: 11
Shading: 11 100%
Substrate Composition: 11
Particle Size Range: 11
Potential Spawning? ____ Yes, X No Potential Rearing? ____ Yes, X 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: ____

Channel Cross Section

Aerial View of Channel

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

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

Stream Characterization Field Data Sheet

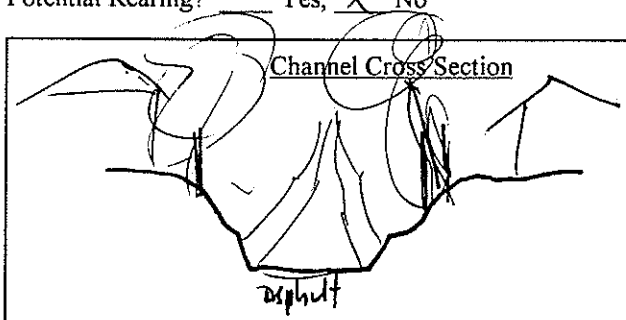
Date: 27 MAY 2004	Investigator(s): David L. Magney		Site ID #: WP050
Time: 1402	Lat.: 34.46021	Long: 119.23621	Elev. ft.: 821 - 785 ft
Photo No(s).: 52-	Photo Notes:		

Drainage/Creek Name: Gravview - Park Drain
Site Location: Pleasant St. between Gravview & Park (downstream end)
General Flow Conditions: ephemeral - dry

Channel Morphology (include stream banks): asphalted drainage - sides and bottom

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, X No
Cover Type: X Over-hanging Vegetation, ____ Submerged Boulders, ____ Logs, ____ Root Wads,
____ Submerged Vegetation, ____ Undercut Banks, ____ Other_____
Instream: leaf litter in places
Riparian Habitat: Coast Live Oak Woodland
Shading: 50%
Substrate Composition: asphalt
Particle Size Range: _____
Potential Spawning? ____ Yes, X No
Potential Rearing? ____ Yes, X 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: WP051 Dog feces
~~WP052 trash~~
WP052 Raccoon tracks
WP053 upper end of drainage channel reach
WP054 S of Pleasant St.
WP055-56 Mountain View Ave culverts
WP057 Grand Avenue culvert - END

Channel Cross Section



Aerial View of Channel

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

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

Dave Mayberg Environmental Consulting
P.O. Box 1346 Ojai, CA 93024 805/646 6045

Stream Characterization Field Data Sheet

Date: 6/8/04	**Investigator(s):** CB, JC		**Site ID #:** Reach 3
Time:	**Lat.:** 34.44281	**Long:** -119.27421	**Elev. ft.:** 697 ft.
Photo No(s).:	**Photo Notes:**		

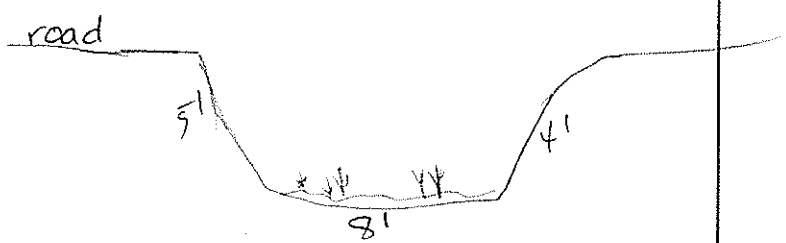
Drainage/Creek Name: Happy Valley Drain
Site Location: @ confluence w/ Ojai Meadows Cr. @ Eucalyptus grove.
General Flow Conditions: ponded (shallow), stagnant; no flows @ start, then ponding as 9°E.
Channel Morphology (include stream banks): incised, channelized w/ natural bottom

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: X Pool, ___ Riffle, ___ Run
Inundated? X Yes, ___ No
Cover Type: X Over-hanging Vegetation, ___ Submerged Boulders, ___ Logs, X Root Wads, ___ Submerged Vegetation, ___ Undercut Banks, ___ Other
Instream: algae, veg, tadpoles, insects
Riparian Habitat: None
Shading: 35%; by Eucalyptus in 1st 1/2
Substrate Composition: soil rock
Particle Size Range: silt, gravels, cobbles, some eroded soil

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

Channel Cross Section
view E



Aerial View of Channel

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

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

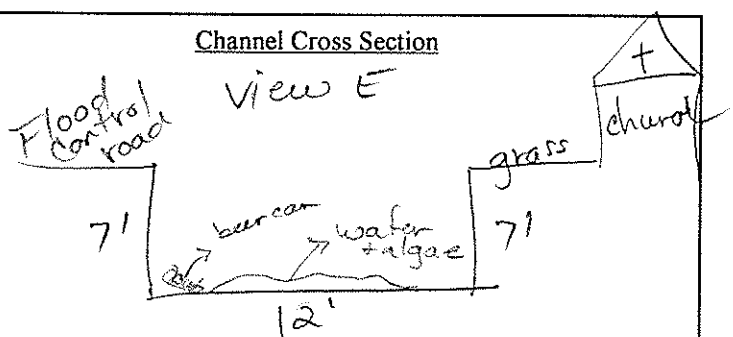
Stream Characterization Field Data Sheet

Date: 10/8/04	**Investigator(s):** CB, JC.		**Site ID #:** Reach 4
Time:	**Lat.:** 34.44416	**Long:** -119.27334	**Elev. ft.:** 708 ft.
Photo No(s).:	**Photo Notes:**		

Drainage/Creek Name: Happy Valley Drain
Site Location: @ cement channel @ ~NE corner of Ojai Meadows Preserve.
General Flow Conditions: stagnant, slow
straight-walled
Channel Morphology (include stream banks): cement-channelized, fenced, straight

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, X Run
Inundated? X Yes, ____ No
Cover Type: ____ Over-hanging Vegetation, ____ Submerged Boulders, ____ Logs, ____ Root Wads,
____ Submerged Vegetation, ____ Undercut Banks, ____ Other none
Instream: algae, tadpoles, herb veg, trash
Riparian Habitat: None
Shading: 2%
Substrate Composition:
Particle Size Range:
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:

Channel Cross Section



Aerial View of Channel

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

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

Stream Characterization Field Data Sheet

Date: 6/8/04	**Investigator(s):** CB, JC		**Site ID #:** Reach 5
Time:	**Lat.:** 34.44639	**Long:** -119.27258	**Elev. ft.:** 729ft
Photo No(s).:	**Photo Notes:**		

Drainage/Creek Name: Happy Valley Drain
Site Location: where Drain goes underground.
General Flow Conditions: slow, underground.

Channel Morphology (include stream banks): channelized underground

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, X Run
Inundated? X Yes, ___ No
Cover Type: ___ Over-hanging Vegetation, ___ Submerged Boulders, ___ Logs, ___ Root Wads, ___ Submerged Vegetation, ___ Undercut Banks, X Other underground
Instream: unknown
Riparian Habitat: None
Shading: 100%
Substrate Composition: cement
Particle Size Range: cement
Potential Spawning? ___ Yes, X No
Potential Rearing? ___ Yes, X 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:

Channel Cross Section

Aerial View of Channel

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

Dave Mangney Environmental Consulting
P.O. Box 1346 Ojai, CA 93024 805/646 6045

Stream Characterization Field Data Sheet

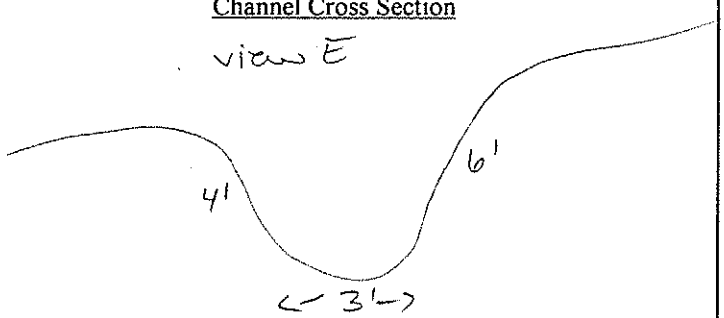
Date: 6/8/04	**Investigator(s):** DB, JC		**Site ID #:** Reach 1
Time:	**Lat.:** 34.44469	**Long:** -119.26987	**Elev. ft.:** 728ft.
Photo No(s).:	**Photo Notes:**		

Drainage/Creek Name: ~~Ojai Meadows Creek~~ Nordhoff Creek
Site Location: @ Hwy 33
General Flow Conditions: no flows

Channel Morphology (include stream banks): incised, straight, narrow

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, X No
Cover Type: X Over-hanging Vegetation, ____ Submerged Boulders, ____ Logs, ____ Root Wads,
____ Submerged Vegetation, ____ Undercut Banks, ____ Other ___
Instream: N/A
Riparian Habitat: Freshwater Marsh (Typha/Scirpus californica), Eucalyptus glob., Mulefat
Shading: 40% by Eucalyptus
Substrate Composition: silt, rock
Particle Size Range: soil, silt, cobbles, gravels
Potential Spawning? ____ Yes, X No Potential Rearing? ____ Yes, X 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: ___

Channel Cross Section



Aerial View of Channel

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

Dudek Almgren Environmental Consulting
P.O. Box 1346 Ojai, CA 93024 805/646 6045

Stream Characterization Field Data Sheet

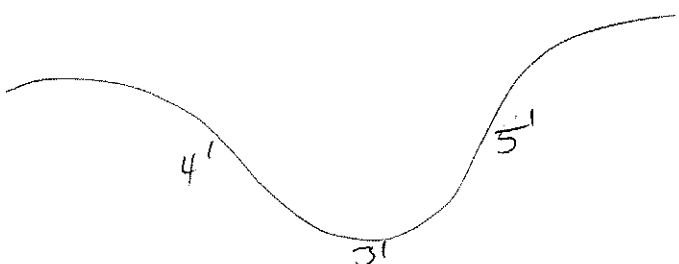
Date: 6/8/04	Investigator(s): CB, JC		Site ID #: Reach 2
Time:	Lat.: 34.44314	Long: -119.27313	Elev. ft.: 717ft
Photo No(s).:	Photo Notes:		

Drainage/Creek Name: ~~Ojai Meadows Creek~~ Nordhoff
Site Location: Eucalyptus Grove, Ojai Meadows Preserve
General Flow Conditions: No flows

Channel Morphology (include stream banks): narrow; incised; strait

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, X No
Cover Type: X Over-hanging Vegetation, ____ Submerged Boulders, ____ Logs, X Root Wads,
____ Submerged Vegetation, ____ Undercut Banks, ____ Other
Instream: N/A
Riparian Habitat: Eucalyptus Grove (no understory)
Shading: 95% by Eucalyptus
Substrate Composition: soil, rock
Particle Size Range: soil, silt, cobbles
Potential Spawning? ____ Yes, X No Potential Rearing? ____ Yes, X 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:

Channel Cross Section



Aerial View of Channel

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

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

Stream Characterization Field Data Sheet WP039 – 041

Date: 9/10/04	Investigator(s): KN / CB		Site ID #: 1
Time:	Lat.: 34.44274	Long: 119.25328	Elev. ft.: 788ft
Photo No(s).:	Photo Notes:		

Drainage/Creek Name: E Spa Creek ≠ Oak Cr.
Site Location: Country Club Drive btwn Inn+Spa and the Park
General Flow Conditions: no flows

Channel Morphology (include stream banks): natural +/- straight

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, X No
Cover Type: X Over-hanging Vegetation, ____ Submerged Boulders, ____ Logs, ____ Root Wads,
____ Submerged Vegetation, ____ Undercut Banks, ____ Other
Instream: grass
Riparian Habitat: Salix lasio, Q. agrifolia, Washingtonia, Vinca, Nonnat grasses
Shading: by veg. 90%
Substrate Composition: soil, rock
Particle Size Range: stones soil
Potential Spawning? ____ Yes, X No Potential Rearing? ____ Yes, X 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:

Channel Cross Section

Aerial View of Channel

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

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

Stream Characterization Field Data Sheet

Date: 27 MAY 2004	Investigator(s): David L. Magney		Site ID #:
Time: 12:45 PM	Lat.: 34.45551	Long: 119.24422	Elev. ft.: 777 - 768 ft
Photo No(s).:	Photo Notes:		

Drainage/Creek Name: Olive St. Drain/swale = Ojai Trib. B.
Site Location: N of Olive St. - E of Signal St.
General Flow Conditions: upstream is from irrigation runoff, below is dry swale

Channel Morphology (include stream banks): broad swale - ill-defined banks

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, X No
Cover Type: ____ Over-hanging Vegetation, ____ Submerged Boulders, ____ Logs, ____ Root Wads,
____ Submerged Vegetation, ____ Undercut Banks, ____ Other_____
Instream: none - ephemeral swale
Riparian Habitat: Lolium - Cynodon - Plantago lanceolata
Shading: none
Substrate Composition: clayey loam
Particle Size Range: loam (fines)
Potential Spawning? ____ Yes, X No Potential Rearing? ____ Yes, X 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: WP 036 corner difference below swale
onto vacant property w/ swale
WP 037 in top of E swale
WP 038 lower end of swale - at Olive & Railroad

Channel Cross Section

Aerial View of Channel

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

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

Stream Characterization Field Data Sheet

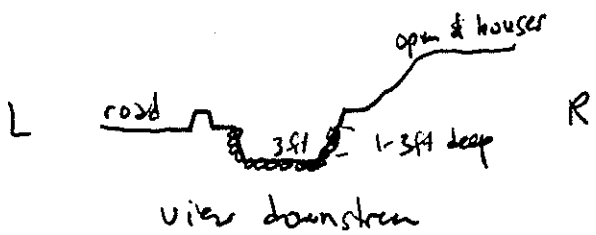
Date: 27 MAY 04	Investigator(s): David L. Magney		Site ID #:
Time: 12:03 PM	Lat.: 34.45779	Long: 119.24599	Elev. ft.: 890-
Photo No(s).: 12-	Photo Notes:		

Drainage/Creek Name: Signal St. Drain (=Ojai Cr.)
Site Location: Upper N. Signal Street on R side of street 1/4 mi from top
General Flow Conditions: dry

Channel Morphology (include stream banks): rock-lined ditch - grouted

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:
Riparian Habitat:
Shading:
Substrate Composition:
Particle Size Range:
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~~:
WP007 top end of defined drainage
WP009 - Asclepias fascicularis
WP013-010 driveway bridge; 11-34 driveway Xings
WP035 - lower end of drain - enters culvert above Grand Ave.

Channel Cross Section



Aerial View of Channel

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

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

Stream Characterization Field Data Sheet

Date: 8/13/04	**Investigator(s):** CB, KN		**Site ID #:** 1
Time:	**Lat.:** 34.44790	**Long:** −119.2448	**Elev. ft.:** 641
Photo No(s).:	**Photo Notes:** WP016		

Drainage/Creek Name: ~~Libby Park Cr.~~ = Ojai creek

Site Location: 150 heading S.

General Flow Conditions: no flows present except some standing puddles further S

Channel Morphology (include stream banks): man made - cement banks, partial cement + rap then natural bottom after ~50 ft. S.

Water Depth (3 cross sectional measurements in ft/in): ___ ___ ___ Average Depth (ft/in) 6"

Water Width (ft/in) 3'

Stream Velocity ([100] feet / [?]second) 0

Discharge (CFS) ___

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

Inundated? ___ Yes, X No ; isolated pools

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

Instream: moss, algae

Riparian Habitat: Sycamore, Oak, walnut, Canary Is. date Palm, morning glory

Shading: 70% Arundo, Rubus,

Substrate Composition: ___

Particle Size Range: ___

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: ___

Channel Cross Section

Aerial View of Channel

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

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

Stream Characterization Field Data Sheet

Date: 8/13/04	Investigator(s): CR/KN		Site ID #: 2
Time:	Lat.: 34.44527	Long: 119.24505	Elev. ft.: 689 ft.
Photo No(s).:	Photo Notes: WP019		

Drainage/Creek Name: ~~Libby Park creek~~ Ojai Creek
Site Location: on S side of Ojai park
General Flow Conditions: water present, stagnant, moving slowly
Channel Morphology (include stream banks): natural, meandering
Water Depth (3 cross sectional measurements in ft/in): 3' 8' 5' Average Depth (ft/in) 6'
Water Width (ft/in) 4'
Stream Velocity ([100] feet / [?]second)
Discharge (CFS)
Stream Habitat Type: X Pool, X Riffle, ___ Run
Inundated? X Yes, ___ No
Cover Type: X Over-hanging Vegetation, X Submerged Boulders, X Logs, X Root Wads,
X Submerged Vegetation, X Undercut Banks, ___ Other
Instream: mosquito fish, algae
Riparian Habitat: Coast Live Oak, Sycamore, Palm, Salix, Rubus, Toxico
Shading: by veg. 80%
Substrate Composition:
Particle Size Range:
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:
Cooper's Hawk

Channel Cross Section

Aerial View of Channel

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

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

Stream Characterization Field Data Sheet

Date: 9/10/04	**Investigator(s):** KN/CB		**Site ID #:** 10
Time: 11:00 am	**Lat.:** 34.44444	**Long:** 119.24472	**Elev. ft.:** 738 ft.
Photo No(s).:	**Photo Notes:** WP018		

Drainage/Creek Name: Libby Park drainage → Ojai Cr.
Site Location: S of confluence of W + east forks (culvert under path)
General Flow Conditions: flows present

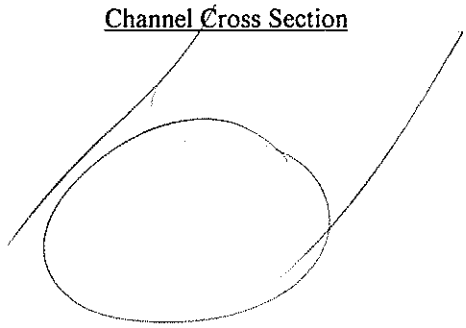
Channel Morphology (include stream banks): culvert (cement)

Water Depth (3 cross sectional measurements in ft/in): 1" 3" 1" Average Depth (ft/in)_____
Water Width (ft/in) 1'
Stream Velocity ([100] feet / [?]second)_____
Discharge (CFS)_____
Stream Habitat Type: ____ Pool, ____ Riffle, X Run
Inundated? X Yes, ____ No
Cover Type: ____ Over-hanging Vegetation, ____ Submerged Boulders, ____ Logs, ____ Root Wads,
____ Submerged Vegetation, ____ Undercut Banks, X Other culvert
Instream: culvert
Riparian Habitat: "
Shading: " 100%
Substrate Composition: " cement
Particle Size Range: "

Potential Spawning? ____ Yes, X No
Potential Rearing? ____ Yes, X 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: _____

Channel Cross Section



Aerial View of Channel

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

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

Stream Characterization Field Data Sheet

Date: 9/10/04	Investigator(s): KN/CB		Site ID #: 11
Time:	Lat.: 34.44483	Long: 119.24456	Elev. ft.: 738ft
Photo No(s).:	Photo Notes: WP019		

Drainage/Creek Name: Libby Drainage to Ojai Cr.
Site Location: south to Montgomery
General Flow Conditions: flows present

Channel Morphology (include stream banks): meandering

Water Depth (3 cross sectional measurements in ft/in): 3" 8" 5" Average Depth (ft/in)
Water Width (ft/in) 31
Stream Velocity ([100] feet / [?]second) —
Discharge (CFS) —
Stream Habitat Type: X Pool, X Riffle, ___ Run
Inundated? X Yes, ___ No
Cover Type: X Over-hanging Vegetation, ___ Submerged Boulders, ___ Logs, X Root Wads,
___ Submerged Vegetation, ___ Undercut Banks, ___ Other
Instream: algae, leaf litter, insects
Riparian Habitat: Quercus sp., Rubus, Fraxinus, Vinca, Washingtonia
Shading: by veg. 80%
Substrate Composition: rock, dirt
Particle Size Range: boulder, cobble, sand.
Potential Spawning? X Yes, ___ No Potential Rearing? X 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:

Channel Cross Section

Aerial View of Channel

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

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Stream Characterization Field Data Sheet

Date: 9/10/04	Investigator(s): CB/KN		Site ID #: 12
Time:	Lat.: 34.44387	Long: 119.24454	Elev. ft.: ~732
Photo No(s).:	Photo Notes: WP020		

Drainage/Creek Name: Libby Park Drainage (Ojai Cr.)
Site Location: Culvert @ Montgomery
General Flow Conditions: flows present

Channel Morphology (include stream banks): Culvert

Water Depth (3 cross sectional measurements in ft/in): 1" 1" 1" Average Depth (ft/in)
Water Width (ft/in) 1'
Stream Velocity ([100] feet / [?]second)
Discharge (CFS)
Stream Habitat Type: ___ Pool, ___ Riffle, X Run
Inundated? X Yes, ___ No
Cover Type: ___ Over-hanging Vegetation, ___ Submerged Boulders, ___ Logs, ___ Root Wads,
___ Submerged Vegetation, ___ Undercut Banks, X Other Culvert
Instream: Culvert
Riparian Habitat: \\
Shading: \\ 100%
Substrate Composition: \\
Particle Size Range: \\
Potential Spawning? ___ Yes, X No Potential Rearing? ___ Yes, X 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:

Channel Cross Section

Aerial View of Channel

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

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Stream Characterization Field Data Sheet

Date: 9/10/04	Investigator(s): KN/CB.		Site ID #: 13
Time:	Lat.: 34.44368	Long: 119.24435	Elev. ft.: 732
Photo No(s).:	Photo Notes: WP021		

Drainage/Creek Name: Libby Park Drainage South of Montgomery
Site Location: (=Ojai Cr.)
General Flow Conditions: flow present

Channel Morphology (include stream banks): natural +/- straight

Water Depth (3 cross sectional measurements in ft/in): 1" 3" 2" Average Depth (ft/in)
Water Width (ft/in) 3'
Stream Velocity ([100] feet / [?]second) —
Discharge (CFS) —
Stream Habitat Type: ___ Pool, ___ Riffle, X Run
Inundated? X Yes, ___ No
Cover Type: X Over-hanging Vegetation, ___ Submerged Boulders, ___ Logs, X Root Wads,
___ Submerged Vegetation, X Undercut Banks, ___ Other
Instream: leaf litter
Riparian Habitat: Coast live Oak, Sycamore, Toxicodendron, Rubus, Vitis, Distichlis
Shading: by veg. 85%
Substrate Composition: sand rock
Particle Size Range: stone, cobbles, sand
Potential Spawning? X Yes, ___ No Potential Rearing? X 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:

Channel Cross Section

Aerial View of Channel

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

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Stream Characterization Field Data Sheet

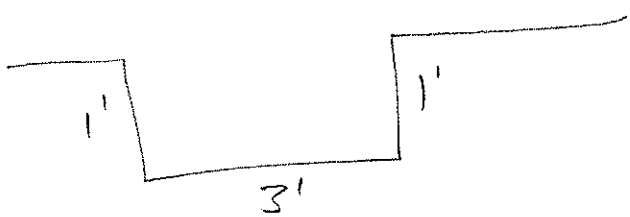
Date: 9/10/04	Investigator(s): CB / Ken Noreson		Site ID #: 1
Time:	Lat.: 34.44698	Long: 119.24567	Elev. ft.: 789 ft.
Photo No(s).:	Photo Notes: (WP003)		

Drainage/Creek Name: Libby Park W. Drainage = Post office ~~Trib~~. Creek
Site Location: S of Post office
General Flow Conditions: water not present

Channel Morphology (include stream banks): man made banks + bed.

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, X No
Cover Type: ____ Over-hanging Vegetation, ____ Submerged Boulders, ____ Logs, ____ Root Wads, ____ Submerged Vegetation, ____ Undercut Banks, ____ Other
Instream: cement rock, raccoon prints
Riparian Habitat: none
Shading: Eucalyptus, Sycamor, Quercus ag. 90%
Substrate Composition: cement rock
Particle Size Range: boulder
Potential Spawning? ____ Yes, X No
Potential Rearing? ____ Yes, X 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:

Channel Cross Section



Aerial View of Channel

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City of Ojai-Streams Grant
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David Magney Environmental Consulting
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Stream Characterization Field Data Sheet

Date: 9/10/04	**Investigator(s):** CB / KN		**Site ID #:** 2
Time:	**Lat.:** ↑ 34.44652	**Long:** 119.24567	**Elev. ft.:** 786
Photo No(s).:	**Photo Notes:** (WP004)		

Drainage/Creek Name: Libby Park W drainage = ~~Offsite~~ Post Off. Trib.
Site Location: goes into culvert
General Flow Conditions: no flows present
Channel Morphology (include stream banks): meandering, natural
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, X No
Cover Type: X Over-hanging Vegetation, ____ Submerged Boulders, ____ Logs, X Root Wads,
____ Submerged Vegetation, ____ Undercut Banks, ____ Other
Instream: leaf litter
Riparian Habitat: Toxico. Pioris, Eucalyptus glob; Prunis ilicifolia, Quercus ag + lobata
Shading: by veg. 80%
Substrate Composition: rock, sand
Particle Size Range: stones, cobbles, sand
Potential Spawning? ____ Yes, X No Potential Rearing? ____ Yes, X 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:

Channel Cross Section

Aerial View of Channel

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City of Ojai-Streams Grant
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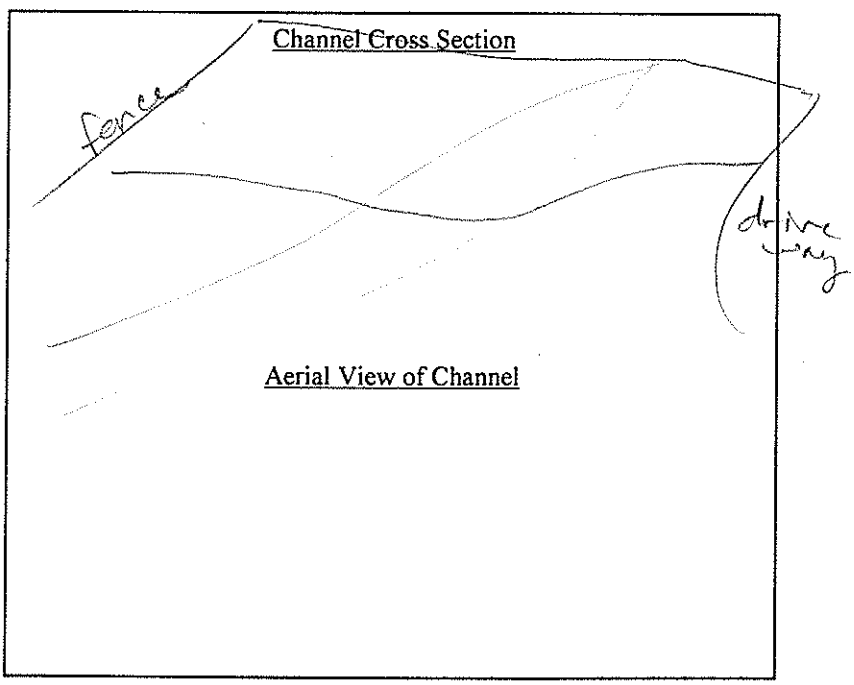
Stream Characterization Field Data Sheet

Date: 9/10/04	Investigator(s): KN / CB		Site ID #: 3
Time:	Lat.: 34.4595	Long: 119.24582	Elev. ft.: 778
Photo No(s).:	Photo Notes: WP005		

Drainage/Creek Name: Libby Park (E) Drainage = ~~Ojai Cr.~~ Post office Trib.
Site Location: @ Libby Bowl. (above ground)
General Flow Conditions: no flow present

Channel Morphology (include stream banks): natural

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, X No
Cover Type: X Over-hanging Vegetation, ____ Submerged Boulders, ____ Logs, ____ Root Wads, ____ Submerged Vegetation, ____ Undercut Banks, ____ Other
Instream: upland
Riparian Habitat: Sycamore, Coast Live Oak
Shading: by veg 90%
Substrate Composition: soil
Particle Size Range: soil
Potential Spawning? ____ Yes, X No
Potential Rearing? ____ Yes, X 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:



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Stream Characterization Field Data Sheet

Date: 9/10/04	Investigator(s): CB/JCN		Site ID #: 4
Time:	Lat.:	Long:	Elev. ft.:
Photo No(s).:	Photo Notes: WP0006		

Drainage/Creek Name: Libby Park W Drainage = ~~Ojai Cr.~~ Post Off. Trib

Site Location: @ Libby Bowl

General Flow Conditions: no flows present

Channel Morphology (include stream banks): no channel, cemented over (stage of Libby Bowl)

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, X No

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

Instream: cement (stream underground)

Riparian Habitat: Sycamore

Shading: by veg. 75%

Substrate Composition: cement

Particle Size Range: cement

Potential Spawning? ___ Yes, X No

Potential Rearing? ___ Yes, X No

pH (0-14): ___

Dissolved Oxygen (mg/L, %): ___

Temperature (°C): ___

Conductivity (µS or mS): ___

Specific Conductance (µS or mS): ___

Salinity (ppt): ___

TDS (ppm): ___

Hardness: ___

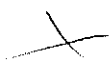
Carbon Dioxide: ___

Turbidity (NTUs): ___

Coliform Bacteria: ___

Other Observations: ___

Channel Cross Section



Aerial View of Channel

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

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Stream Characterization Field Data Sheet

Date: 9/10/04	**Investigator(s):** KN/CB		**Site ID #:** 5
Time:	**Lat.:** 34.44571	**Long:** 119.24560	**Elev. ft.:** 762 ft.
Photo No(s).:	**Photo Notes:** WP008		

Drainage/Creek Name: Libby Park W Drainage = ~~Gaiff.~~ Post Office Trib.
Site Location: Culvert
General Flow Conditions: no flows present

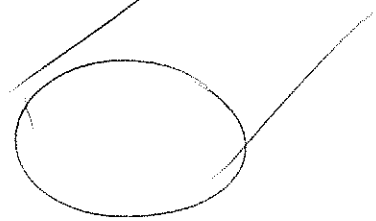
Channel Morphology (include stream banks): culvert

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, X No
Cover Type: ____ Over-hanging Vegetation, ____ Submerged Boulders, ____ Logs, ____ Root Wads,
____ Submerged Vegetation, ____ Undercut Banks, X Other Culvert
Instream: culvert
Riparian Habitat: —
Shading: — 100%
Substrate Composition: culvert
Particle Size Range: —

Potential Spawning? ____ Yes, X No
Potential Rearing? ____ Yes, Y 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:

Channel Cross Section



Aerial View of Channel

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

David Magney Environmental Consulting
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Stream Characterization Field Data Sheet

Date: 9/10/04	**Investigator(s):** KN/CB		**Site ID #:** 6
Time:	**Lat.:** 34.44545	**Long:** 119.24567	**Elev. ft.:** 755
Photo No(s).:	**Photo Notes:** WP009		

Drainage/Creek Name: Libby Park W. Drainage ~~Ojai Cr.~~ Post Office Trib
Site Location: south of Ojai bikepath
General Flow Conditions: no flows present

Channel Morphology (include stream banks): straight, natural, incised

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, X No
Cover Type: X Over-hanging Vegetation, ____ Submerged Boulders, ____ Logs, ____ Root Wads,
____ Submerged Vegetation, ____ Undercut Banks, ____ Other
Instream: leaf litter
Riparian Habitat: Quercus agrifolia, Q. lobata, Rubus ursinus, Piptatherum
Shading: bv veg. 85%
Substrate Composition: rock soil
Particle Size Range: stones, cobbles, sand.
Potential Spawning? ____ Yes, X No
Potential Rearing? ____ Yes, X 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:

Channel Cross Section

Aerial View of Channel

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

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Stream Characterization Field Data Sheet

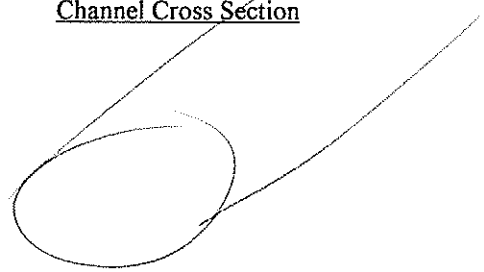
Date: 9/10/04	Investigator(s): KN/CB.		Site ID #: 7
Time:	Lat.: 34.44545	Long: 119.24561	Elev. ft.: 750ft
Photo No(s).:	Photo Notes: WP010		

Drainage/Creek Name: Libby Park W. Drainage = ~~Ojai Fr~~ Post Office Trib.
Site Location: road culvert
General Flow Conditions: no flows.

Channel Morphology (include stream banks): culvert

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, X No
Cover Type: ____ Over-hanging Vegetation, ____ Submerged Boulders, ____ Logs, ____ Root Wads,
____ Submerged Vegetation, ____ Undercut Banks, ____ Other Culvert
Instream: culvert
Riparian Habitat: "
Shading: " 100%
Substrate Composition: "
Particle Size Range: "
Potential Spawning? ____ Yes, X No Potential Rearing? ____ Yes, X 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:

Channel Cross Section



Aerial View of Channel

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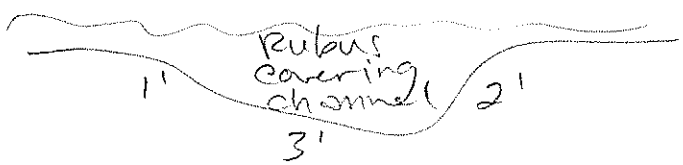
Stream Characterization Field Data Sheet

Date: 9/10/04	**Investigator(s):** KN/CB		**Site ID #:** 8
Time:	**Lat.:** 34.44526	**Long:** 119.24575	**Elev. ft.:** 749ft
Photo No(s).:	**Photo Notes:** WP011		

Drainage/Creek Name: Libby Park W. Drainage = ~~Ojai~~ Post office Trib
Site Location: S side of rd culvert S of Ojai path
General Flow Conditions: no flow present except a few pools
Channel Morphology (include stream banks): natural, meandering
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: X Pool, ___ Riffle, ___ Run
Inundated? X Yes, ___ No
Cover Type: X Over-hanging Vegetation, X Submerged Boulders, ___ Logs, X Root Wads,
___ Submerged Vegetation, ___ Undercut Banks, ___ Other
Instream: leaf litter
Riparian Habitat: Rubus ursinus, Quercus agrifolia, Heteromeles, Salix, Toxico, Honeysuckle
Shading: by veg - 90%
Substrate Composition: rock soil
Particle Size Range: boulders, stones, sand.
Potential Spawning? X Yes, ___ No Potential Rearing? X 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:

Channel Cross Section



Aerial View of Channel

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DMEC PN: 02-0151

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Stream Characterization Field Data Sheet

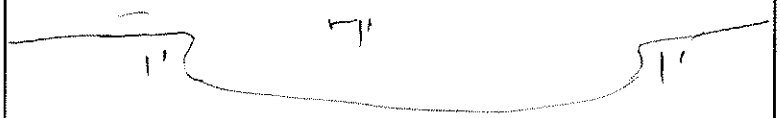
Date: 9/10/04	Investigator(s): ICN / CB.		Site ID #: 9
Time:	Lat.: 34.44446	Long: 119.24464	Elev. ft.: 737
Photo No(s).:	Photo Notes: WP017		

Drainage/Creek Name: Libby Park W. Drainage = ~~Gaiter~~ Post office Trib
Site Location: where west branch meets the east branch
General Flow Conditions: flows present, pooling + trickling

Channel Morphology (include stream banks): natural, straight

Water Depth (3 cross sectional measurements in ft/in): 1' 1' 1' Average Depth (ft/in)
Water Width (ft/in) 7'
Stream Velocity ([100] feet / [?]second) —
Discharge (CFS) —
Stream Habitat Type: X Pool, X Riffle, ___ Run
Inundated? X Yes, ___ No
Cover Type: X Over-hanging Vegetation, X Submerged Boulders, ___ Logs, X Root Wads,
X Submerged Vegetation, X Undercut Banks, ___ Other
Instream: goldfish, insects, leaf litter
Riparian Habitat: Sycamore, Coast Live oak, Willow, Rubus, Honeysuckle
Shading: by veg. 90%
Substrate Composition: soil rock
Particle Size Range: stone, cobble, sand, soil
Potential Spawning? X Yes, ___ No Potential Rearing? X 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:

Channel Cross Section



Aerial View of Channel

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

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Stream Characterization Field Data Sheet WP001-00

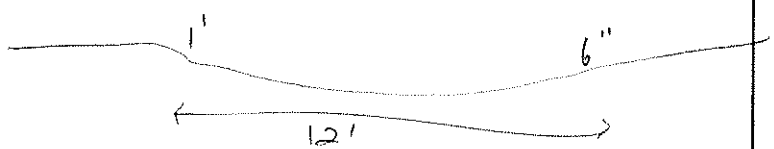
Date: 6/7/04	Investigator(s): C. Batchelor, Jim Castle	Site ID #: Reach 1
Time:	Lat.: N34.42479 +/-35ft, Long: -119.25992	Elev. ft.: 500ft
Photo No(s).: 14	Photo Notes: downstream of Reach 1 at upper end of Reach 1	

Drainage/Creek Name: San Antonio Creek
Site Location: Camp Comfort
General Flow Conditions: hydrology present

Channel Morphology (include stream banks): Flat <1% grade high canyon wall to East South relatively straight

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: X Pool, X Riffle, X Run
Inundated? X Yes, ___ No
Cover Type: X Over-hanging Vegetation, X Submerged Boulders, X Logs, X Root Wads, X Submerged Vegetation, X Undercut Banks, ___ Other
Instream: Aquatic Insects, algae, Sticklebacks, possible steelhead
Riparian Habitat: Woodland Arundo donax, Salix lasiolepis, Alnus rhombifolia, Platanus racemosa, Artemisia douglasiana
Shading: by Woodland veg. 90%
Substrate Composition: rock
Particle Size Range: boulder, cobble, gravel, sand
Potential Spawning? X Yes, ___ No Potential Rearing? X 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:

Channel Cross Section
downstream



Aerial View of Channel

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

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

Stream Characterization Field Data Sheet WP00

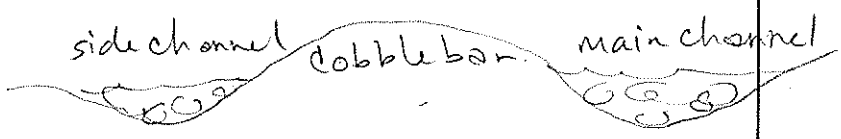
Date: 6/7/04	Investigator(s): CB, JC		Site ID #: Reach2
Time:	Lat.: 34.42474	Long: -119.25990	Elev. ft.: 510
Photo No(s).:	Photo Notes:		

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

Channel Morphology (include stream banks): Cobble bar present, flows in relatively flat bed; somewhat meandering

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: X Pool, X Riffle, ___ Run
Inundated? X Yes, ___ No
Cover Type: X Over-hanging Vegetation, X Submerged Boulders, ___ Logs, ___ Root Wads, X Submerged Vegetation, X Undercut Banks, ___ Other
Instream: aquatic insects, fish, healthy algae
Riparian Habitat: Same as Reach 1
Shading: by Rip. habitat 90%
Substrate Composition: rock
Particle Size Range: boulders, cobbles, gravels, sand.
Potential Spawning? X Yes, ___ No Potential Rearing? X 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:

Channel Cross Section



Aerial View of Channel

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

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

Stream Characterization Field Data Sheet WP005

Date: 10/7/04	**Investigator(s):** CB, JC		**Site ID #:** Reach 3
Time:	**Lat.:** 34.42579	**Long:** -119.25719	**Elev. ft.:** 589 ft.
Photo No(s).:	**Photo Notes:**		

Drainage/Creek Name: San Antonio

Site Location: N end of Camp

General Flow Conditions: flow present, slow, increased meander

Channel Morphology (include stream banks): incised, closed canopied

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: X Pool, X Riffle, ___ Run

Inundated? X Yes, ___ No

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

Instream: same as Reach 2

Riparian Habitat: Same as Reach 2

Shading: by Rip. veg. 80%

Substrate Composition: rock

Particle Size Range: boulders, cobbles, gravels, sand

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

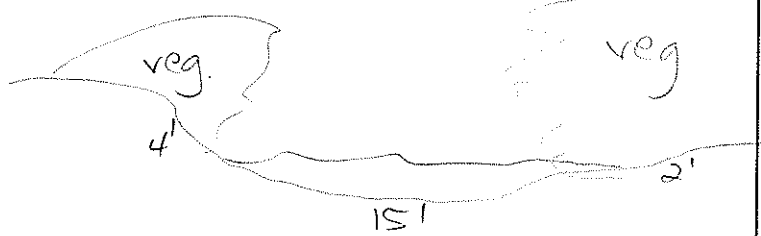
Carbon Dioxide: ___

Turbidity (NTUs): ___

Coliform Bacteria: ___

Other Observations: ___

Channel Cross Section



Aerial View of Channel

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

Earth Design Environmental Consulting
P.O. Box 1346 Ojai, CA 93024 805/646 6045

Stream Characterization Field Data Sheet

Date: 6/7/04	**Investigator(s):** CB, JC		**Site ID #:** Reach 4
Time:	**Lat.:** 34.4265	**Long:** 119.25786	**Elev. ft.:** 559ft.
Photo No(s).: 15, 16	**Photo Notes:** 15=view upstream from beginning of reach 4 @ berm		

16 = view 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 Rd.; 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: X Pool, X Riffle, ___ Run

Inundated? X Yes, ___ No

Cover Type: X Over-hanging Vegetation, X Submerged Boulders, ___ Logs, X Root Wads, ___ Submerged Vegetation, ___ Undercut Banks, ___ Other_____

Instream: instream flows narrows @ upper end to ~½ as below

Riparian Habitat: Sycamore - Willow Riparian Forest

Shading: by Riparian woodland 75%

Substrate Composition: rock

Particle Size Range: boulders, cobbles, gravels

Potential Spawning? X Yes, ___ No

Potential Rearing? X 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: _____

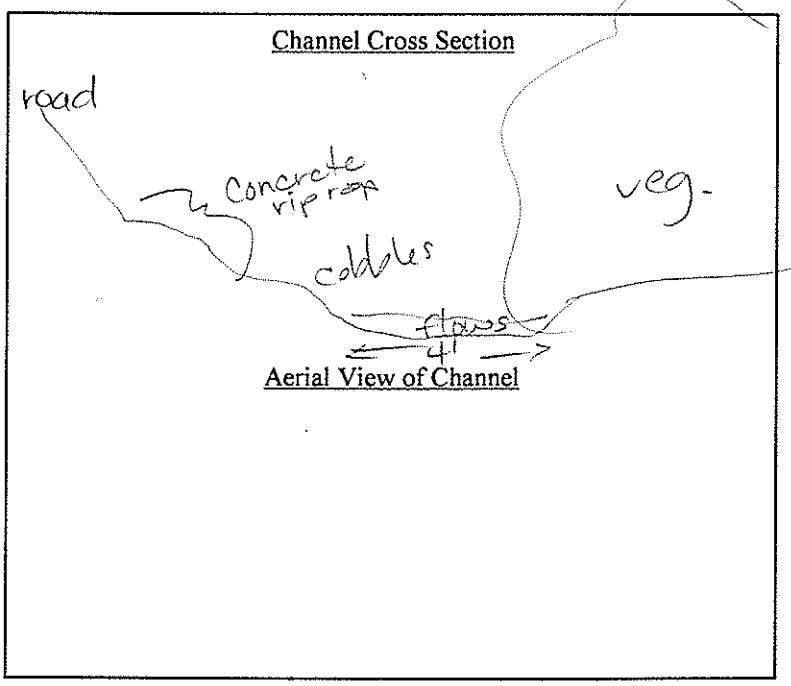
Carbon Dioxide: _____

Turbidity (NTUs): _____

Coliform Bacteria: _____

Other Observations: _____

Channel Cross Section



Aerial View of Channel

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

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

Stream Characterization Field Data Sheet

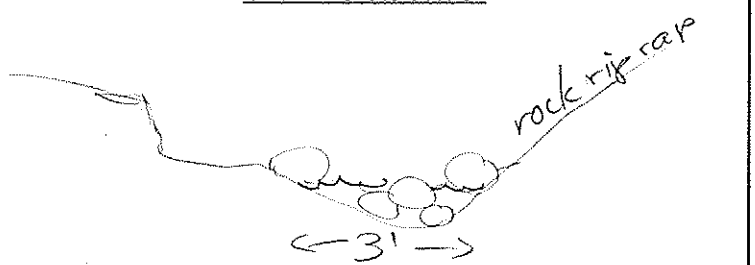
Date: 6/7/04	**Investigator(s):** CB, JC		**Site ID #:** Reach 5
Time:	**Lat.:** 3442838	**Long:** -119.25841	**Elev. ft.:** 565 ft.
Photo No(s).: 17	**Photo Notes:** view downstream @ upper end.		

Drainage/Creek Name: San Antonio Cr.
Site Location: west Camp Comfort along Creek Rd.
General Flow Conditions: flows present; slow to stagnant; series of pools

Channel Morphology (include stream banks): medium sinuosity, incised

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: X Pool, ___ Riffle, ___ Run
Inundated? X Yes, ___ No
Cover Type: X Over-hanging Vegetation, X Submerged Boulders, ___ Logs, ___ Root Wads, X Submerged Vegetation, X Undercut Banks, ___ Other
Instream: algae, aquatic insects
Riparian Habitat: some
Shading: some 90%
Substrate Composition: rock
Particle Size Range: boulders, cobbles
Potential Spawning? ___ Yes, X No Potential Rearing? ___ Yes, X 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:

Channel Cross Section



Aerial View of Channel

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

Dudek Gregory Environmental Consulting
P.O. Box 1346 Ojai, CA 93024 805/646 6045

Stream Characterization Field Data Sheet

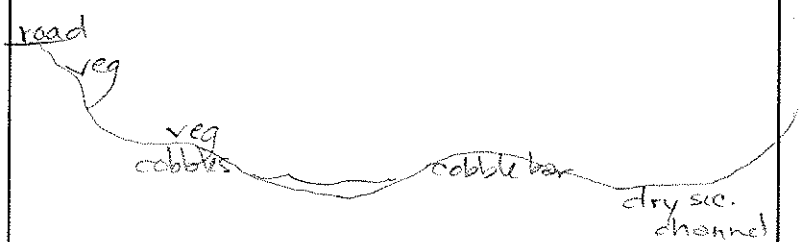
Date: 6/7/04	**Investigator(s):** J.C., CB		**Site ID #:** Reach 6
Time:	**Lat.:** 34.42924	**Long:** -119.25886	**Elev. ft.:** 568ft.
Photo No(s).: 18	**Photo Notes:** view down stream @ upper end of reach		

Drainage/Creek Name: San Antonio
Site Location: Along Creek Rd.
General Flow Conditions: arising pools, series of pools

Channel Morphology (include stream banks): +/- flat, straight, low sinuosity, rock rip rap on

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: X Pool, ___ Riffle, ___ Run
Inundated? X Yes, ___ No
Cover Type: X Over-hanging Vegetation, X Submerged Boulders, ___ Logs, ___ Root Wads, ___ Submerged Vegetation, X Undercut Banks, ___ Other
Instream: algae, insects
Riparian Habitat: Arroyo willow - Sycamore Riparian Forest
Shading: by Hab Habitat 75%
Substrate Composition: rock
Particle Size Range: boulders, cobbles, gravels
Potential Spawning? X Yes, ___ No Potential Rearing? X 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:

Channel Cross Section



Aerial View of Channel

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

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

Stream Characterization Field Data Sheet

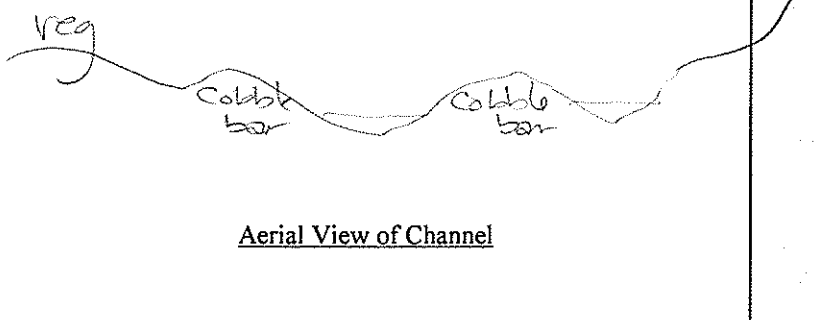
Date: 10/7/04	**Investigator(s):** CB, JC		**Site ID #:** Reach 7
Time:	**Lat.:** 34.43073	**Long:** -119.25633	**Elev. ft.:** 605ft.
Photo No(s).: 19	**Photo Notes:** view downstream @ upper end of reach		

Drainage/Creek Name: San Antonio
Site Location: Along Creek Rd just S of Golf Course
General Flow Conditions: flows present, slow

Channel Morphology (include stream banks): meandering, braided throughout entire reach, w/cobble bars

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: X Pool, X Riffle, ___ Run
Inundated? X Yes, ___ No
Cover Type: X Over-hanging Vegetation, X Submerged Boulders, ___ Logs, X Root Wads, ___ Submerged Vegetation, ___ Undercut Banks, ___ Other
Instream: algae, insects
Riparian Habitat: Willows - Sycamore Rip. Forest, Rubus ursinus, Tox divers, Arundo don.
Shading: by Riparian Habitat + west-facing canyon slope 85%
Substrate Composition: rock
Particle Size Range: boulders cobbles gravels
Potential Spawning? X Yes, ___ No Potential Rearing? X 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:

Channel Cross Section



Aerial View of Channel

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

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

Stream Characterization Field Data Sheet

Date: 6/1/04	Investigator(s): CB, JC		Site ID #: Reach 8
Time:	Lat.: 34.43177	Long: -119.25430	Elev. ft.: 615 ft
Photo No(s).: 20	Photo Notes: view downstream of Fox Cyn Barranca confl		

Drainage/Creek Name: San Antonio
Site Location: near Country Club road bridge
General Flow Conditions: flows present; series of pools

Channel Morphology (include stream banks): braided; wide flood plains

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: X Pool, X Riffle, ___ Run
Inundated? X Yes, ___ No
Cover Type: X Over-hanging Vegetation, X Submerged Boulders, ___ Logs, X Root Wads, X Submerged Vegetation, X Undercut Banks, ___ Other
Instream: algae, insects, fish
Riparian Habitat: Sycamore, Ash, Willows Rip. Forest Arundo, Tox, Rubus, Juglans
Shading: by veg 95%
Substrate Composition: rock
Particle Size Range: all
Potential Spawning? X Yes, ___ No
Potential Rearing? X 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:

Channel Cross Section

Aerial View of Channel

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

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

forgot to take up here started @ Fox Cyn Bar crossing

Stream Characterization Field Data Sheet

Date: 6/7/04	Investigator(s): JC, CB	at so where return begins look up ½ way up reach	Site ID #: Reach 9
Time:	Lat.: 34.436666	Long: -119-24239	Elev. ft.: 652 ft
Photo No(s).: 21, 22	Photo Notes: (21) view W (22) view E (23) view downstream of bulldozing in channel @ residence		

Drainage/Creek Name: San Antonio

Site Location: ~~near~~ N. Ventura St.

General Flow Conditions: no flows (just standing @ beginning where residence installed crossing)

Channel Morphology (include stream banks): incised, braided; moderately straight low sinuosity

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: X Pool, ___ Riffle, ___ Run

Inundated? (only pooling) Yes, X No

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

Instream: —

Riparian Habitat: mostly burned; Mulefat Scrub; Willow Woodland, Salt broom Scrub

Shading: by veg 40%

Substrate Composition: rock, soil

Particle Size Range: boulders, cobbles, gravels

Potential Spawning? X Yes, ___ No

Potential Rearing? X 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: ___

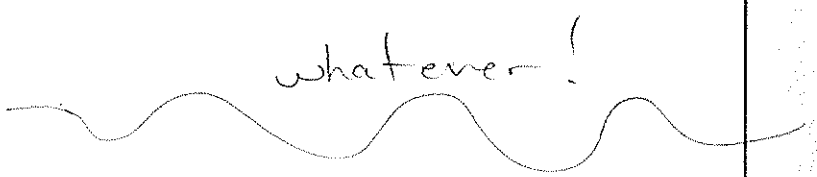
Carbon Dioxide: ___

Turbidity (NTUs): ___

Coliform Bacteria: ___

Other Observations: ___

Channel Cross Section



Aerial View of Channel

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City of Ojai-Streams Grant
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David Maguire Environmental Consulting
P.O. Box 1346 Ojai, CA 93024 805/646 6045

Stream Characterization Field Data Sheet

Date: 6/7/04	**Investigator(s):** CB, JC		**Site ID #:** Reach 10
Time:	**Lat.:** 34.44164	**Long:** -119.23373	**Elev. ft.:** 698ft.
Photo No(s).: 24,25	**Photo Notes:** view S of barrier, view W of barrier (@ upper end of reach)		

Drainage/Creek Name: San Antonio
Site Location: mid golf course
General Flow Conditions: no flows

Channel Morphology (include stream banks): +/- straight, braided, incised
– Reach ends @ major fish barrier = golf cart crossing (another cement barrier ½ way through 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, X No
Cover Type: X Over-hanging Vegetation, ___ Submerged Boulders, ___ Logs, X Root Wads,
___ Submerged Vegetation, X Undercut Banks, ___ Other
Instream: n/a
Riparian Habitat: Willow - Syc Riparian Forest, Mulefat, Arundo, herbaceous layer
Shading: 90%
Substrate Composition: rock
Particle Size Range: boulders, cobbles, gravels
Potential Spawning? X Yes, ___ No Potential Rearing? X Yes, ___ No

@ N end of reach is the fork btwn. Thatcher + San Antonio

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:

Channel Cross Section

Aerial View of Channel

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

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

Stream Characterization Field Data Sheet

Date: 6/7/04	**Investigator(s):** JC, CB		**Site ID #:** Reach 11
Time:	**Lat.:** 34.44227	**Long:** -119.23227	**Elev. ft.:** 697ft.
Photo No(s).:	**Photo Notes:**		

Drainage/Creek Name: San Antonio
Site Location: N of Golf Course
General Flow Conditions: no flows, but moist in places, one pool
Channel Morphology (include stream banks): incised ; +/- straight
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, X No
Cover Type: X Over-hanging Vegetation, ___ Submerged Boulders, ___ Logs, X Root Wads,
___ Submerged Vegetation, ___ Undercut Banks, ___ Other ___
Instream: ___
Riparian Habitat: Willow-Syc.-Alder Rip. Forest; Scalebroom Scrub (up); Mulefat Scrub @ upper end.
Shading: 80%
Substrate Composition: rock
Particle Size Range: boulders, cobbles, gravel
Potential Spawning? X Yes, ___ No Potential Rearing? X 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: ___

Channel Cross Section

Aerial View of Channel

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

Stream Characterization Field Data Sheet

Date: 27 MAY 2004	Investigator(s): David Magney		Site ID #:
Time: 11:16 AM	Lat.: 34.45470	Long: 119.24953	Elev. ft.: 800-885
Photo No(s).: 1 & 2, 3	Photo Notes: View N from top of culvert, Photo 3 view S down Cañada		

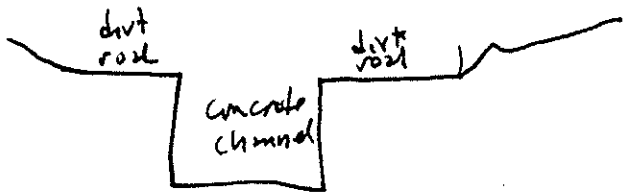
Drainage/Creek Name: Stewart Canyon Creek
Site Location: N-end of Cañada St. (Waypoint 001)
General Flow Conditions: dry

Channel Morphology (include stream banks): concrete channel - S-end is 9.5-10ft wide

Water Depth (3 cross sectional measurements in ft/in): 0 0 0 Average Depth (ft/in)
Water Width (ft/in) 0
Stream Velocity ([100] feet / [?]second)
Discharge (CFS)
Stream Habitat Type: ____ Pool, ____ Riffle, ____ Run
Inundated? ____ Yes, X No
Cover Type: ____ Over-hanging Vegetation, ____ Submerged Boulders, ____ Logs, ____ Root Wads, ____ Submerged Vegetation, ____ Undercut Banks, ____ Other
Instream:
Riparian Habitat: none
Shading: 1%
Substrate Composition: concrete
Particle Size Range: none
Potential Spawning? ____ Yes, X No
Potential Rearing? ____ Yes, X 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:

WP 002 is Arizona Crossing for small trib from E
WP 003 = bridge over channel
WP 004 is culvert pipe input from NE channel
WP 005 is top of Debris Dam - E side
WP 006 is top center of spillway

Channel Cross Section



horse pasture/corrals on both sides of channel & homes

Aerial View of Channel

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Stream Characterization Field Data Sheet

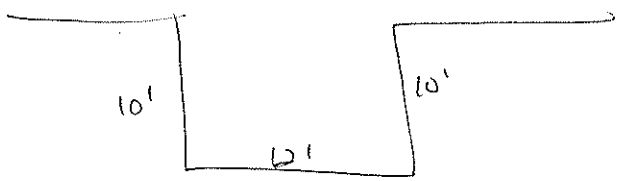
Date: 6/8/04	**Investigator(s):** CB, JC		**Site ID #:** Reach 1
Time: ~~AM~~ WP020	**Lat.:** 34.44565	**Long:** -119.24854	**Elev. ft.:** 783 ft.
Photo No(s).:	**Photo Notes:**		

Drainage/Creek Name: Stewart Cyn Creek
Site Location: @ intersection w/ Ojai path. headed South.
General Flow Conditions: no flows

Channel Morphology (include stream banks): completely cement-channelized.

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, X No
Cover Type: ____ Over-hanging Vegetation, ____ Submerged Boulders, ____ Logs, ____ Root Wads, ____ Submerged Vegetation, ____ Undercut Banks, ____ Other
Instream: not / appl.
Riparian Habitat: none
Shading: 0%
Substrate Composition: cement
Particle Size Range: cement
Potential Spawning? ____ Yes, X No
Potential Rearing? ____ Yes, X 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: Stewart Cyn Creek N of Ojai path = cement-channelized. to the 150
★ WP021 = end of Reach 1

Channel Cross Section



Aerial View of Channel

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

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

Stream Characterization Field Data Sheet

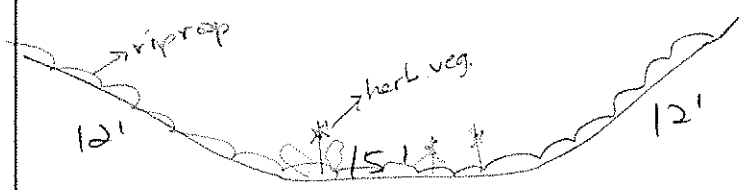
Date: 6/2/04	Investigator(s): CB, JC		Site ID #: Reach 2
Time:	Lat.: 34.44520	Long: -119.24873	Elev. ft.: 729 ft.
Photo No(s).:	Photo Notes:		

Drainage/Creek Name: Stewart Cyn Creek
Site Location: (S of) near Ojai path
General Flow Conditions: flows +/- present (ponded)

Channel Morphology (include stream banks): cement rock riprap in bottom + on banks

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? X Yes, ____ No
Cover Type: ____ Over-hanging Vegetation, ____ Submerged Boulders, ____ Logs, ____ Root Wads,
X Submerged Vegetation, ____ Undercut Banks, ____ Other
Instream: a lot of trash, Lemna, herb veg, algae, insects, polywogs
Riparian Habitat: none
Shading: none 0%
Substrate Composition: cement-rock rip-rap
Particle Size Range: boulders, silt.
Potential Spawning? ____ Yes, X No
Potential Rearing? ____ Yes, X 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: ____
WP022 = end of Reach 2

Channel Cross Section



Aerial View of Channel

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

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Stream Characterization Field Data Sheet

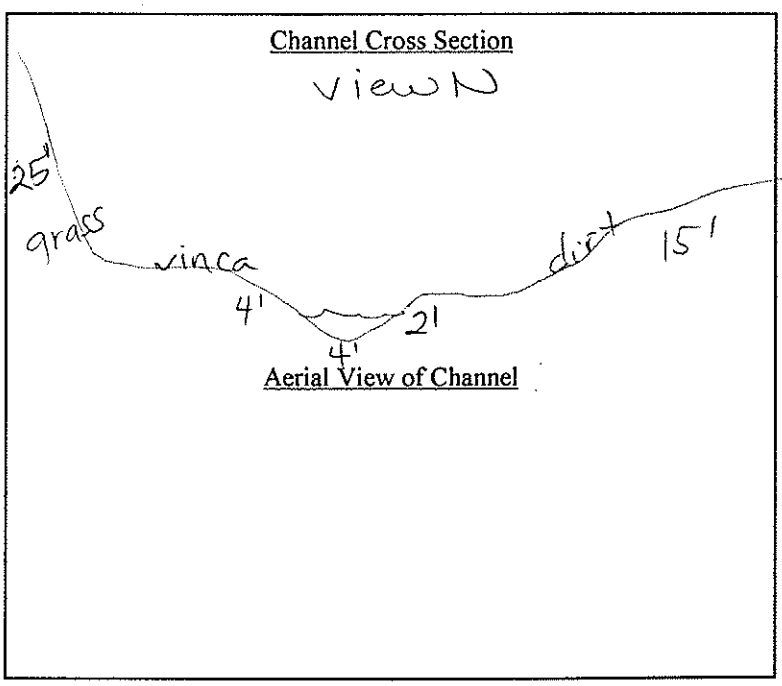
Date: 6/8/04	Investigator(s): CB, JC.		Site ID #: Reach 3
Time:	Lat.: 34.44228	Long: -119.24818	Elev. ft.: 817ft.
Photo No(s).:	Photo Notes:		

Drainage/Creek Name: Stewart Cyn. Creek
Site Location: @ end of Oak Cr. Lane moving N (ends @ 34.44276, 805ft -119.24805 at tent camp)
General Flow Conditions: flows present, slow, +/- stagnant

Channel Morphology (include stream banks): incised.

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: X Pool, X Riffle, ___ Run
Inundated? ___ Yes, ___ No
Cover Type: X Over-hanging Vegetation, X Submerged Boulders, ___ Logs, X Root Wads, X Submerged Vegetation, ___ Undercut Banks, ___ Other
Instream: algae, insects, Lemna, tree frog vocalizing in vinca
Riparian Habitat: none Eucalyptus, Palm, Oak, Juglans, Ornamentals, vinca
Shading: 85%
Substrate Composition: rock, sediments
Particle Size Range: gravels, cobbles, boulders, sediments
Potential Spawning? ___ Yes, X No
Potential Rearing? ___ Yes, X 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:

Channel Cross Section
view N



Aerial View of Channel

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DMEC

Stream Characterization and Water Quality Sampling Field Data Sheet

Date: 2/8/05	Investigator(s): Cher Batchelor	Site ID #: Mega-Reach 1
Time: 3:30pm	Lat.: 34.435174N Long: 119.247794W Waypoint # 001 (start → where ventura turns into creek rd on bridge)	Elev. ft.:
Photo No:	Photo Notes:	

Drainage/Creek Name: Stewart Cyn. Creek (moving upstream)

Site Location: along ventura road from creek Rd. to confluence w/ Fox Cyn Rd.

General Flow Conditions: Perennial / Intermittent, Flows Substantial present +/- clear

Channel Morphology (include stream banks): well defined, natural bed & banks, braided

Water Depth (3 cross sectional measurements in ft/in): ____ ____ ____ Avg. Depth (ft/in) 1'

Water Width (ft/in) ____

Stream Velocity ([10] feet / seconds) favorable

Discharge (CFS) ____

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

Inundated? X Yes, ____ No

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

Instream: Algae, insects, fish, barbed wire

Riparian Habitat: Salix lasiolepis*, Quercus agrifolia, Vinca, Piptatherum, Urtica d.h.

Shading: *Platanus racemosa, Sambucus, Umbellularia, Rosa, Palm, Ruby

Substrate Composition: Rock

Particle Size Range: Boulders, Cobbles, gravels, sand

Potential Spawning? X Yes, ____ No Potential Rearing? X Yes, ____ No

*p*H (0-14): ____

Dissolved Oxygen (mg/L & %): ____

Dissolved Oxygen (ppm): ____

Temperature (°C): ____

Conductivity (µS / mS): ____

Specific Conductance (µS / mS): ____

Salinity (ppt): ____

Carbon Dioxide: ____

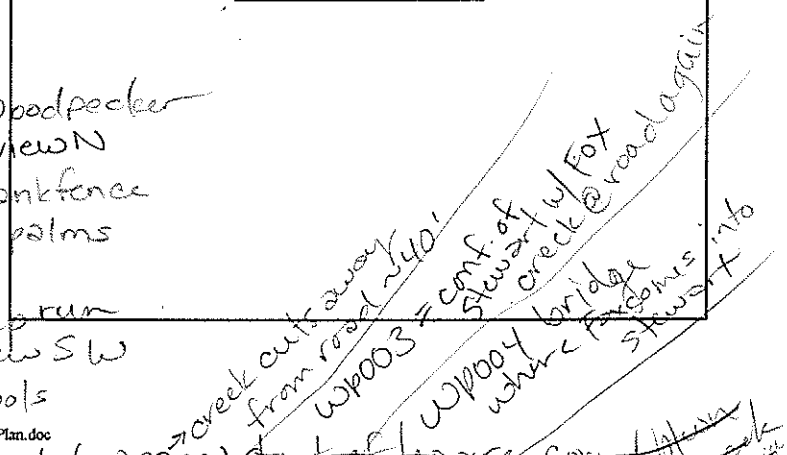
Turbidity (NTUs): ____

Coliform Bacteria: ____

Hardness: ____

Channel Cross Section

Aerial View of Channel



Other Observations: Coopershawk, Acorn Woodpecker

Photo# 110 + 109 from WP001 (downstream above) view N

#108 view S toward creek rd. bridge of bank fence

#107 view N of old growth rip veg. + palms

#106 cascade view NW

#105 aerated resting pool. #104 deep run

#103 pruned oak ½ way up view SW

#102 erosion by creek + good resting pools

#101 of fencing w/ ground washed out (WP002)

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

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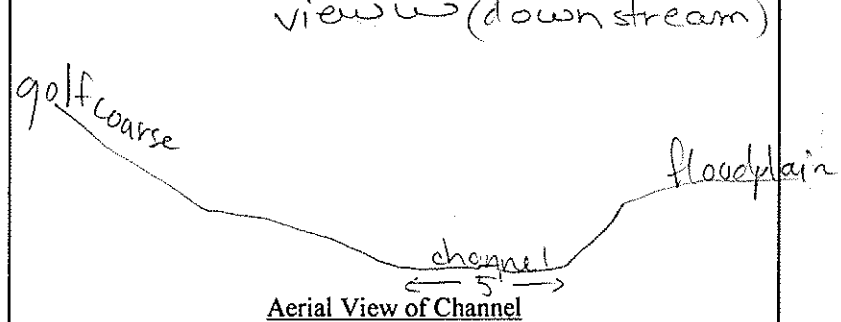
Stream Characterization Field Data Sheet

Date: 6/8/04	Investigator(s): CB, JC		Site ID #: Reach 1
Time:	Lat.: 34.44230	Long: -119.23216	Elev. ft.: 678 ft.
Photo No(s).:	Photo Notes:		

Drainage/Creek Name: Thatcher Creek
Site Location: @ big barrier crossing on golf course same as for San Anton's
General Flow Conditions: no flows present just W of confluence of San Anton + Thatcher
Channel Morphology (include stream banks): areas of good potential ponding, braided areas, +/- straight ; +/- flat
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: X Pool, X Riffle, X Run
Inundated? ___ Yes, X No
Cover Type: X Over-hanging Vegetation, ___ Submerged Boulders, ___ Logs, X Root Wads, ___ Submerged Vegetation, X Undercut Banks, ___ Other
Instream: cement slabs where Arizona crossing have been broken up
Riparian Habitat: Mulefat Scrub; Arroyo Willow-Alder Woodland
Shading: 45%
Substrate Composition: rock
Particle Size Range: boulder, cobble, gravels, sand
Potential Spawning? X Yes, ___ No
Potential Rearing? X 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:

Channel Cross Section
view u (downstream)



Aerial View of Channel

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

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Stream Characterization Field Data Sheet

Date: 6/8/04	**Investigator(s):** CB, JC		**Site ID #:** Reach 2
Time:	**Lat.:** 34.444.23	**Long:** -119.22409	**Elev. ft.:** 767 ft.
Photo No(s).:	**Photo Notes:**		

Drainage/Creek Name: Thatcher Cr.
Site Location: just w of Hwy 150
General Flow Conditions: no flows present

Channel Morphology (include stream banks): incised; low sinuosity; braided

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: X Pool, X Riffle, ___ Run
Inundated? ___ Yes, X No
Cover Type: X Over-hanging Vegetation, ___ Submerged Boulders, ___ Logs, X Root Wads,
___ Submerged Vegetation, ___ Undercut Banks, ___ Other
Instream: N/A
Riparian Habitat: Mulefat Scrub; Coast Live Oak Rip. Wood.; w/ Salix, Mugwort, Juglans
Shading: 50%
Substrate Composition: rock
Particle Size Range: boulders, cobbles, gravels, sand
Potential Spawning? X Yes, ___ No Potential Rearing? X 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:

Channel Cross Section
View W (downstream)

Aerial View of Channel

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City of Ojai-Streams Grant
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Stream Characterization Field Data Sheet

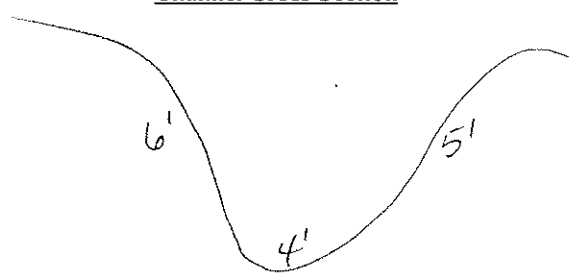
Date: 6/8/04	**Investigator(s):** CB, JC		**Site ID #:** Reach 3
Time:	**Lat.:** 34.44478	**Long:** -119.22286	**Elev. ft.:** 772 ft.
Photo No(s).:	**Photo Notes:**		

Drainage/Creek Name: Thatcher creek
Site Location: @ large bridge crossing (2 st.)
General Flow Conditions: no flows present

Channel Morphology (include stream banks): incised, +/- straight

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: X Pool, X Riffle, ___ Run
Inundated? ___ Yes, X No
Cover Type: X Over-hanging Vegetation, ___ Submerged Boulders, ___ Logs, X Root Wads,
___ Submerged Vegetation, ___ Undercut Banks, ___ Other
Instream: N/A
Riparian Habitat: Mulefat, Willows Scrub w/Coast Live Oak
Shading: 100%
Substrate Composition: rock
Particle Size Range: boulders cobbles
Potential Spawning? ___ Yes, X No
Potential Rearing? ___ Yes, X 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:

Channel Cross Section



Aerial View of Channel

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

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Stream Characterization Field Data Sheet

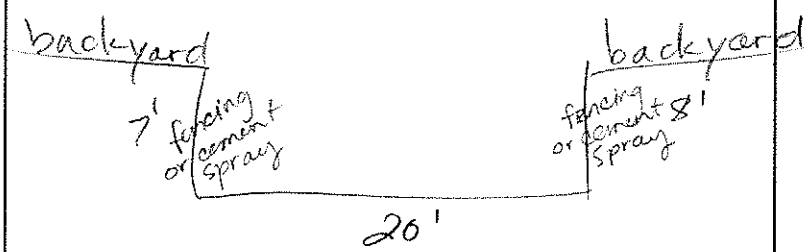
Date: 6/8/04	Investigator(s): CB, JC		Site ID #: Reach 4
Time:	Lat.: 34.44491	Long: -119.22037	Elev. ft.: 745ft.
Photo No(s).:	Photo Notes:		

Drainage/Creek Name: Thatcher Cr.
Site Location: near residences
General Flow Conditions: no flows present

Channel Morphology (include stream banks): channelized w/ fencing + concrete
+/- straight (one big curve)

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, X Run
Inundated? ____ Yes, X No
Cover Type: ____ Over-hanging Vegetation, ____ Submerged Boulders, ____ Logs, ____ Root Wads,
____ Submerged Vegetation, ____ Undercut Banks, ____ Other none
Instream: N/A
Riparian Habitat: none - edges of backyards w/ overhanging trees oaks, ornamentals
Shading: 60%
Substrate Composition: rock
Particle Size Range: boulders, cobbles, gravels
Potential Spawning? ____ Yes, X No Potential Rearing? ____ Yes, X 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:

Channel Cross Section



Aerial View of Channel

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DMEC PN: 02-0151

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Stream Characterization Field Data Sheet

Date: 6/8/04	Investigator(s): CB, JC		Site ID #: Reach 5
Time:	Lat.: 34.44491	Long: -119.21783	Elev. ft.: 783ft
Photo No(s).:	Photo Notes:		

Drainage/Creek Name: Thatcher Cr.
Site Location: end of residences E to Hwy 150
General Flow Conditions: No flows present

Channel Morphology (include stream banks): incised, natural banks + bottom, braided, moderate sinuosity
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: X Pool, X Riffle, ___ Run
Inundated? ___ Yes, X No
Cover Type: X Over-hanging Vegetation, ___ Submerged Boulders, ___ Logs, X Root Wads,
___ Submerged Vegetation, ___ Undercut Banks, ___ Other
Instream: N/A
Riparian Habitat: Mulefat Scrub; Arroyo Willow; Juglans; Coast Live Oak
Shading: 65%
Substrate Composition: rock
Particle Size Range: boulders, cobbles, gravels, sand
Potential Spawning? X Yes, ___ No Potential Rearing? X 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:

Channel Cross Section

Aerial View of Channel

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

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Stream Characterization Field Data Sheet

Date: 8/13/04	Investigator(s): CB KN		Site ID #: 1
Time: 9:25 am	Lat.: 34.42694	Long: -119.25851	Elev. ft.: 550ft.
Photo No(s).:	Photo Notes:		

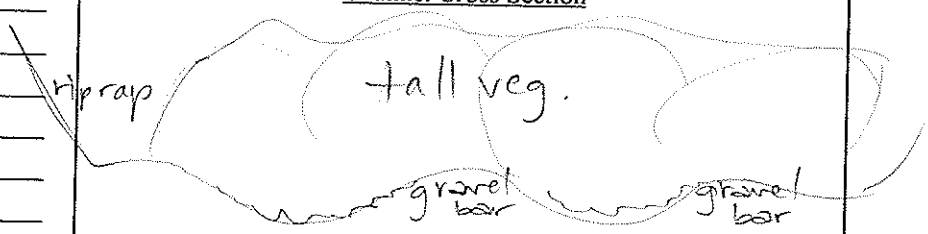
(POOL)

Drainage/Creek Name: Villanova Creek
Site Location: @ confluence w/ San Antonio Creek (Hermosa + Creek Rd. intersection)
General Flow Conditions: no flows present

Channel Morphology (include stream banks): rock riprap banks, natural bottom

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: X Pool, X Riffle, ___ Run
Inundated? ___ Yes, X No
Cover Type: X Over-hanging Vegetation, X Submerged Boulders, X Logs, X Root Wads,
___ Submerged Vegetation, ___ Undercut Banks, ___ Other
Instream: Fragment
Riparian Habitat: Cottonwood, Willow, Sycamore, Walnut, Wild grape, Poison Oak
Shading: by riparian veg 90%
Substrate Composition: rock
Particle Size Range: boulder, stones, gravel
Potential Spawning? X Yes, ___ No Potential Rearing? X 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:

Channel Cross Section



Aerial View of Channel

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DMEC PN: 02-0151

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Stream Characterization Field Data Sheet

Date: 8/13/04	**Investigator(s):** KN, CB.		**Site ID #:** 2
Time:	**Lat.:** 34.47743	**Long:** 119.25896	**Elev. ft.:** 553
Photo No(s).:	**Photo Notes:** WP002		

Drainage/Creek Name: Villanova

Site Location: crossing Hermosa

General Flow Conditions: no flows present

Channel Morphology (include stream banks): cement tunnel culvert running width of road.

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, X Run

Inundated? ___ Yes, X No

Cover Type: ___ Over-hanging Vegetation, ___ Submerged Boulders, ___ Logs, ___ Root Wads, ___ Submerged Vegetation, ___ Undercut Banks, X Other culvert/road.

Instream: cement

Riparian Habitat: none

Shading: culvert 100%

Substrate Composition: cement

Particle Size Range: —

Potential Spawning? ___ Yes, X No

Potential Rearing? ___ Yes, X No

pH (0-14): _____

Dissolved Oxygen (mg/L, %): _____

Temperature (°C): _____

Conductivity (µS or mS): _____

Specific Conductance (µS or mS): _____

Salinity (ppt): _____

TDS (ppm): _____

Hardness: _____

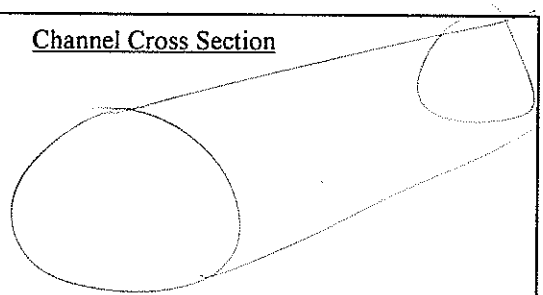
Carbon Dioxide: _____

Turbidity (NTUs): _____

Coliform Bacteria: _____

Other Observations: _____

Channel Cross Section



Aerial View of Channel

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

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Stream Characterization Field Data Sheet

Date: 8/13/04	**Investigator(s):** KN, CB.		**Site ID #:** 3
Time:	**Lat.:** 34.42742	**Long:** -119.25897	**Elev. ft.:** 578 ft.
Photo No(s).:	**Photo Notes:** WP003		

Drainage/Creek Name: Villanova
Site Location: on West side of Hermosa Rd.
General Flow Conditions: no flows present

Channel Morphology (include stream banks): natural bed + banks

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: X Pool, X Riffle, X Run
Inundated? ___ Yes, X No
Cover Type: X Over-hanging Vegetation, ___ Submerged Boulders, X Logs, X Root Wads,
___ Submerged Vegetation, ___ Undercut Banks, ___ Other
Instream:
Riparian Habitat: Coast Live Oak Riparian Woodland.
Shading: by veg. 80%
Substrate Composition: rock soil
Particle Size Range: boulders, stones
Potential Spawning? X Yes, ___ No Potential Rearing? X 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:

Channel Cross Section

Aerial View of Channel

Home Phone 559-642-6382

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

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

Stream Characterization Field Data Sheet

Date: 8/13/04	**Investigator(s):** CB / KN		**Site ID #:** 4
Time:	**Lat.:** 34.42788	**Long:** 119.26031	**Elev. ft.:** 620
Photo No(s).:	**Photo Notes:** WP006		

Drainage/Creek Name: Villanova

Site Location: bottom of hill to top of hill towards School

General Flow Conditions: no flows present

Channel Morphology (include stream banks): natural/upland ish.

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, X Riffle, ___ Run

Inundated? ___ Yes, X No

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

Instream:

Riparian Habitat: none Oak Woodland / Coyote Brush Scrub

Shading: by scattered oaks 50%

Substrate Composition: soil, rock

Particle Size Range: stone

Potential Spawning? ___ Yes, X No

Potential Rearing? ___ Yes, X No

pH (0-14):

Dissolved Oxygen (mg/L, %):

Temperature (°C):

Conductivity (µS or mS):

Specific Conductance (µS or mS):

Salinity (ppt):

TDS (ppm):

Hardness:

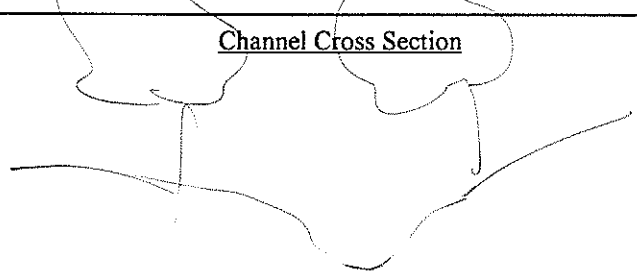
Carbon Dioxide:

Turbidity (NTUs):

Coliform Bacteria:

Other Observations:

Channel Cross Section



Aerial View of Channel

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City of Ojai-Streams Grant
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Stream Characterization Field Data Sheet

Date: 8/13/04	Investigator(s): KN, CB		Site ID #: 5
Time:	Lat.: 34.4743	Long: 119.25896	Elev. ft.:
Photo No(s).:	Photo Notes: WP008		

Drainage/Creek Name: Villanova

Site Location: from culvert walking N on Hermosa w/ Creek on (L)

General Flow Conditions: no flows present

Channel Morphology (include stream banks): meandering, natural, braided.

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: X Pool, X Riffle, ____ Run

Inundated? ____ Yes, X No

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

Instream: Sycamore, Cottonwood, walnut

Riparian Habitat: Poison oak dom on floor w/ Rubus + Vitis; Coast Live Oak, Ripwood

Shading: Dense Riparian Forest 95%

Substrate Composition: Rock, soil

Particle Size Range: stone, gravels, sand.

Potential Spawning? ____ Yes, X 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: ____

Channel Cross Section

Aerial View of Channel

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City of Ojai-Streams Grant
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Stream Characterization Field Data Sheet

Date: 8/13/04	**Investigator(s):** KN CB		**Site ID #:** 6
Time:	**Lat.:** 34.43627	**Long:** -119.26357	**Elev. ft.:** 710ft.
Photo No(s).:	**Photo Notes:** WP013		

Drainage/Creek Name: Villanova
Site Location: @ N end of Villanova @ SR 33 culvert heading SW to
General Flow Conditions: standing water @ NE culvert, then no flows to SE.

Channel Morphology (include stream banks): natural, meandering

Water Depth (3 cross sectional measurements in ft/in): 8" 10" 5" Average Depth (ft/in)
Water Width (ft/in) 3'
Stream Velocity ([100] feet / [?]second) 0
Discharge (CFS)
Stream Habitat Type: X Pool, ___ Riffle, ___ Run
Inundated? ___ Yes, ___ No only pooling @ culvert
Cover Type: X Over-hanging Vegetation, ___ Submerged Boulders, X Logs, X Root Wads,
___ Submerged Vegetation, X Undercut Banks, ___ Other
Instream: -
Riparian Habitat: Coast live Oak/rip forest w/ ornamentals / Coyote Brush Scrub in openings.
Shading: by veg. 85%
Substrate Composition: rock, soil
Particle Size Range: boulders, stones, gravels
Potential Spawning? ___ Yes, X 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:

Channel Cross Section

Aerial View of Channel

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City of Ojai-Streams Grant
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Stream Characterization Field Data Sheet

Date: 9/10/04	**Investigator(s):** CherBatchelor / KenNiesson		**Site ID #:** 1
Time: 9:10am	**Lat.:** 34.43453	**Long:** 119.26349	**Elev. ft.:** ~745 ft.
Photo No(s).:	**Photo Notes:** WP001		

Drainage/Creek Name: Culvert exit east side Hermosa (Villanova Creek)

Site Location: _____

General Flow Conditions: water present, pooled, standing still

Channel Morphology (include stream banks): natural bottom+banks; meandering; incised

Water Depth (3 cross sectional measurements in ft/in): 4 10 6 Average Depth (ft/in)_____

Water Width (ft/in) 31

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

Discharge (CFS)_____

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

Inundated? X Yes, ___ No

Cover Type: X Over-hanging Vegetation, ___ Submerged Boulders, ___ Logs, X Root Wads, ___ Submerged Vegetation, ___ Undercut Banks, ___ Other_____

Instream: leaf litter, algae, insects

Riparian Habitat: Baccharis salicifolia, Quercus agrifolia, Salix lasiolepis, Toxicodendron

Shading: ltd veg 90%

Substrate Composition: rock, soil

Particle Size Range: stone, cobbles, sand.

Potential Spawning? X Yes, ___ No

Potential Rearing? X 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: _____

Channel Cross Section

Aerial View of Channel

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