



Ventura County Watershed Protection District
 NPDES Stormwater Monitoring Program

2006/2007 Pre-Season Equipment Blank

CHAIN-OF-CUSTODY RECORD

1 OF 1

CLIENT: Ventura County Watershed Protection District

3 10/03/06

SAMPLERS: David Thomas, Tommy Liddell

SAMPLE INFORMATION FOR TUBING BLANK AND CARBOY BLANK SAMPLES

SAMPLE ID	DATE/TIME COLLECTED	Total Recoverable Trace Metals	Rec. Mercury	Organics (EPA 625)	Hardness (1)						Number of Bottles	NOTES	
Tubing Blank	10/3/06 11:30	X	X	X	X							3	see note 1
Carboy Blank	10/4/06 11:30	X	X	X	X							1	see note 2
DI	10/4/06 11:30	X		X	X							3	

Signature Printed Name Affiliation	Relinquished By <u>David F Thomas</u>	Date/Time <u>10/4/06 11:30</u>
	<u>DAVID F THOMAS</u>	
	<u>VCWPD</u>	
Signature Printed Name Affiliation	Received By <u>Tommy Liddell</u>	Date/Time <u>10/4/06 11:40</u>

Miscellaneous Notes (Hazardous Materials, Quick turn-around time, etc.):

1. Hardness is taken from Total Recoverable Trace Metals Sample

2. Carboy Blank: 18 liter composite bottle tested after CRG Lab cleaning per VCWPD SOP.



Ventura County Watershed Protection District
NPDES Stormwater Monitoring Program

GRAB SAMPLES

CHAIN-OF-CUSTODY RECORD

1 OF 1

CLIENT: Ventura County Watershed Protection District

SAMPLING DATE: _____ EVENT #1 (Wet)

SAMPLERS: _____

SAMPLE INFORMATION FOR GRAB SAMPLES

SAMPLE ID	DATE/TIME COLLECTED	Total Ammonia - N	Conductivity	pH	Perchlorate	Oil and Grease	TRPH	MTBE (3 Bottles)	Mercury, t r & diss.	Number of Bottles	NOTES	Field H ₂ O Temp
ME-CC	12/9/06 23:30	X	X	X	X	X	X	X	X	6		14.5° C
ME-CC (MS/MSD)	" "					X	X			3		
ME-SCR	12/10/06 00:15	X	X	X	X	X	X	X	X	6		13.2° C
ME-VR2	12/10/06 03:30	X	X	X	X	X	X	X	X	6		11.5° C
MB-1 (Field Blank)	" "								X	1	ME-VR2	—
A-1 Wood	12/9/06 22:30	X	X	X	X	X	X	X	X	9		14.0° C
D-1 (Lab Dup)	" "	X	X	X	X	X	X	X	X	9	A-1 Wood	—
I-2 Ortega	N/A									0	Note 5	—
R-1 Swan	N/A									0	Note 5	—
W-3 La Vista	12/9/06 21:40	X	X	X	X	X	X	X	X	9		N/A
W-4 Revolon	12/9/06 23:00	X	X	X	X	X	X	X	X	9		13.6° C

Signature	Relinquished By: <i>David F Thomas</i>	Date/Time	12/11/06 13:45
Printed Name	DAVID F THOMAS		
Affiliation	VCWPD		

Received By:	<i>[Signature]</i>	Date/Time	12/11/06 13:46
Printed Name	CRG		
Affiliation	CRG		

Miscellaneous Notes (Hazardous Materials, Quick turn-around time, etc.):

1. Toxicity Samples to Aquatic Bioassay Consultants Laboratory
2. Bacteria Samples to Aquatic Bioassay Consultants Laboratory
3. Conduct analysis on original sample volume
4. MTBE samples only taken at Receiving Water and Land Use sites.
5. Analysis for I-2 Ortega and R-1 Swan NOT requested per permit requirements



Ventura County Watershed Protection District
NPDES Stormwater Monitoring Program

COMPOSITE SAMPLES

CHAIN-OF-CUSTODY RECORD

1 OF 1

CLIENT: Ventura County Watershed Protection District

SAMPLING DATE: _____ EVENT #1 (Wet)

SAMPLERS: _____

SAMPLE INFORMATION FOR COMPOSITE SAMPLES

SAMPLE ID	DATE/TIME COLLECTED	Dissolved Metals	Total Recoverable Metals *, Hardness	Semi-volatile Organics (EPA 8270)	OC-Pesticides (EPA 8081/8082)	OP-Pesticides (EPA 8141)	CI-Herbicides (EPA 8151)	EPA 547 (Glyphosate)	Conventionals **	TOC	No of bottles determined by Lab	NOTES
ME-CC	12/11/06 11:40	X	X	X	X	X	X	X	X	X		
ME-CC (MS/MSD)	" "		X	X	X	X	X					
ME-SCR	12/11/06 12:50	X	X	X	X	X	X	X	X	X		
ME-VR2	12/11/06 10:30	X	X	X	X	X	X	X	X	X		
MB-1 (Field Blank)	" "		X	X	X	X					3	ME-VR2
A-1 Wood	12/11/06 11:10	X	X	X	X	X	X	X	X	X		
D-1 (Lab Dup)	" "	X	X	X	X	X	X	X	X	X		A-1 Wood
I-2 Ortega	N/A											Note 1
R-1 Swan	N/A											Note 1
W-3 La Vista	12/11/06 12:30	X	X	X	X	X	X	X	X	X		
W-4 Revolon	12/11/06 11:15	X	X	X	X	X	X	X	X	X		

Signature	Relinquished By: <i>David F. Thomas</i>	Date/Time	12/11/06 13:45
Printed Name	DAVID F. THOMAS		
Affiliation	VCWPD		

Printed Name	Received By: <i>[Signature]</i>	Date/Time	12/11/06 15:47
Affiliation	CRC Name Lake		

Miscellaneous Notes (Hazardous Materials, Quick turn-around time, etc.): _____

* Metals: Al, As, Cd, Cr, Cu, Pb, Ni, Se, Ag, Tl, Zn

** Conventionals: Bromide, BOD, Chloride, Cr-VI, TKN, Nitrite as N, Nitrate as N,

Nitrate-Nitrite as N, Orthophosphate, Tot and Dis Phosphorus, TDS, TSS, Turbidity

Note 1: Analysis for I-2 Ortega and R-1 Swan NOT requested per permit requirements



Ventura County Watershed Protection District
NPDES Stormwater Monitoring Program

Grab Toxicity Samples - ABC

CHAIN-OF-CUSTODY RECORD

1 OF 1

CLIENT: Ventura County Watershed Protection District

SAMPLING DATE: EVENT #1 (Wet)

SAMPLERS: _____

SAMPLE INFORMATION FOR GRAB SAMPLES

SAMPLE ID	DATE/TIME COLLECTED	Acute Ceriodaphnia - 6.25, 12.5, 25, 50, 100%	Chronic Echinoderm Fertilization - 6.25, 12.5, ;							NOTES	Field H ₂ O Temp
ME-CC	12-9-06 23:30	X								See Note 1	
ME-SCR	12-10-06 00:15	X								See Note 1	
ME-VR2	12-10-06 03:30	X								See Note 1	
A-1 Wood	12-9-06 22:30	X								See Note 2	
I-2 Ortega	N/A	X								See Note 2	
R-1 Swan	N/A	X								See Note 2	
W-3 La Vista	12-9-06 21:40	X								See Note 2	
W-4 Revolon	12-9-06 23:00	X								See Note 2	

10°C

Signature	Relinquished By: <i>David F. Thomas</i>	Date/Time	12-10-06 03:00
Printed Name	DAVID F. THOMAS	Date/Time	12-10-06 04:00
Affiliation	VCWPD		

Signature	Received By: <i>[Signature]</i>	Date/Time	12-10-06 0300
Printed Name			
Affiliation			

Miscellaneous Notes (Hazardous Materials, Quick turn-around time, etc.):

1. Mass Emission: No TIE for Chronic Samples.

2. Land Use: Run TIE if T_{ua} (Acute) is >1 for any wet or dry weather event.



Ventura County Watershed Protection District
NPDES Stormwater Monitoring Program

Bacteriological

CHAIN-OF-CUSTODY RECORD

1 OF 2

CLIENT: Ventura County Watershed Protection District

SAMPLING DATE: _____

EVENT #1 (Wet)

SAMPLERS: _____

SAMPLE INFORMATION FOR GRAB SAMPLES

LOCATION	DATE / TIME	Total Coliform (25 Tube Method - MPNX)	Fecal Coliform (25 Tube Method - MPNX)	Enterococcus (Tray Method - WQ IDEXX)	E-Coli (Tray Method - WQ IDEXX)	Total Coliform (Tray Method - WQ IDEXX)			Number of Bottles	NOTES
ME-CC	12-10-06 23:30	X	X	X	X	X			1	
ME-SCR	12-10-06 00:15	X	X	X	X	X			1	
ME-VR2	12-10-06 03:30	X	X	X	X	X			1	
MB-1	12-10-06 03:30	X	X	X	X	X			1	Field Blank (ME-VR2)

Signature	Relinquished By: <i>David F. Thomas</i>	Date/Time	12-10-06 02:57
Printed Name	DAVID F. THOMAS	Date/Time	12-10-06 07:00 04:00
Affiliation	VCWPD		

Signature	Received By: <i>Karin W. Sembaker</i>	Date/Time	12-10-06 0257
Printed Name	Karin W. Sembaker		
Affiliation	ABC Labs		

Miscellaneous Notes (Hazardous Materials, Quick turn-around time, etc.): _____



Ventura County Watershed Protection District
 NPDES Stormwater Monitoring Program

Bacteriological

CHAIN-OF-CUSTODY RECORD

2 OF 2

CLIENT: Ventura County Watershed Protection District

SAMPLING DATE: _____ EVENT #1 (Wet)

SAMPLERS: _____

SAMPLE INFORMATION FOR GRAB SAMPLES

LOCATION	DATE / TIME	Total Coliform (25 Tube Method - MF)	Fecal Coliform (25 Tube Method - MI)	Enterococcus (Tray Method - WQ ID)	E-Coli (Tray Method - WQ IDEXX)	Total Coliform (Tray Method - WQ IC)			Number of Bottles	NOTES
A-1 Wood	12-9-06 22:30	X	X	X	X	X			1	
D-1	12-9-06 22:30	X	X	X	X	X			1	A-1 Wood Lab Dup.
1-2 Ortega	N/A								-	Note 1
R-1 Swan	N/A								-	Note 1
W-3 La Vista	12-9-06 21:40	X	X	X	X	X			1	
W-4 Revolon	12-9-06 23:00	X	X	X	X	X			1	

Signature	Relinquished By: <i>David F. Thomas</i>	Date/Time	12/10/06
Printed Name	DAVID F. THOMAS		02:58
Affiliation	VCWPD		

Signature	Received By: <i>Kari J. Miller</i>	Date/Time	12/10/06
Printed Name			
Affiliation			

Miscellaneous Notes (Hazardous Materials, Quick turn-around time, etc.):

Note 1: Analysis for 1-2 Ortega and R-1 Swan NOT requested per permit requirements



Ventura County Watershed Protection District
NPDES Stormwater Monitoring Program

GRAB SAMPLES - CRG

CRG P2748

CHAIN-OF-CUSTODY RECORD

1 OF 1

CLIENT: Ventura County Watershed Protection District

SAMPLING DATE: 27 JAN 2007

EVENT #2 (Wet)

SAMPLERS: DAVID THOMAS, TOMMY LIDDELL

SAMPLE INFORMATION FOR GRAB SAMPLES

SAMPLE ID	DATE/TIME COLLECTED	Total Ammonia - N	Conductivity	pH	Perchlorate	Oil and Grease	TRPH	Mercury, tr. & diss.	Number of Bottles	NOTES	Field H ₂ O Temp
ME-CC	01/27/07 1900	X	X	X	X	X	X	X	6		14.9°C
MB-1 (Field Blank)	01/27/07 1900							X	1		14.9°C
ME-SCR	1/27/07 1945	X	X	X	X	X	X	X	6		13.3°C
ME-SCR (MS/MSD)						X	X		3		
ME-VR2	1/27/07 2200	X	X	X	X	X	X	X	6		14.2°C
MD-1 (Field Dup)	1/27/07 2200	X	X	X	X	X	X	X	6		14.2°C

Signature	Relinquished By: <i>David F. Thomas</i>	Date/Time	1-29-07 12:30
Printed Name	DAVID F. THOMAS		
Affiliation	VCWPD		

Received By: <i>[Signature]</i>	Date/Time	1-29-07 12:30
Printed Name	CHUCK VIGNA	
Affiliation	CRG	

Miscellaneous Notes (Hazardous Materials, Quick turn-around time, etc.):

- Toxicity Samples to Aquatic Bioassay Consultants Laboratory
- Bacteria Samples to Ventura County Health Care Agency Laboratory
- Conduct analysis on original sample volume



Ventura County Watershed Protection District
NPDES Stormwater Monitoring Program

COMPOSITE SAMPLES - CRG

CHAIN-OF-CUSTODY RECORD

1 OF 1

CLIENT: Ventura County Watershed Protection District

SAMPLING DATE: 6-27-07 01-28-07 EVENT #2 (Wet)

SAMPLERS: DAVID THOMAS, TOMMY LIDDELL

SAMPLE INFORMATION FOR COMPOSITE SAMPLES

SAMPLE ID	DATE/TIME COLLECTED	Dissolved Metals	Total Recoverable Metals*, Hardness	Semi-volatile Organics (EPA 8270)	OC-Pesticides (EPA 8081/8082)	OP-Pesticides (EPA 8141)	Cl-Herbicides (EPA 8151)	Glyphosate (EPA 547)	Conventionals**	TOC	No of bottles determined by Lab	NOTES
ME-CC		X	X	X	X	X	X	X	X	X		CRG P2748
MB-1 (Field Blank)			X	X	X	X					3	N/A
ME-SCR	1-29-07 10:30	X	X	X	X	X	X	X	X	X		20l
ME-SCR (MS/MSD)	1-29-07 10:30		X	X	X	X	X					SEE NOTE 1
ME-VR2	1-29-07 12:00	X	X	X	X	X	X	X	X	X		20l
MD-1 (Field Dup)	1-29-07 12:00	X	X	X	X	X	X		X	X		*ME-VR2 (dup)

per Dave Thomas telephone 15:00 1/29/07

Signature	Relinquished By: <i>David F. Thomas</i>	Date/Time	1-29-07 12:30
Printed Name	DAVID F. THOMAS		
Affiliation	VCWPD		

Signature	Received By: <i>CK</i>	Date/Time	1-29-07 12:30
Printed Name	Chuck Vicuna		
Affiliation	CR6		

Miscellaneous Notes (Hazardous Materials, Quick turn-around time, etc.):

- * Metals: Al, As, Cd, Cr, Cu, Pb, Ni, Se, Ag, Ti, Zn
 - ** Conventionals: Bromide, BOD, Chloride, Cr-VI, TKN, Nitrite as N, Nitrate as N, Nitrate-Nitrite as N, Orthophosphate, Tot and Dis Phosphorus, TDS, TSS, Turbidity
1. Conduct Metals analysis from original sample volume.

CLIENT NAME Ventura

DATE RECEIVED 01-29-07

COURIER INFORMATION		
<input checked="" type="checkbox"/> CRG	<input type="checkbox"/> FEDEX	TRACKING NUMBER
<input type="checkbox"/> OTHER*	<input type="checkbox"/> UPS	

TEMPERATURE
°C <input type="checkbox"/> BLUE ICE <input checked="" type="checkbox"/> WET ICE <input type="checkbox"/> NO ICE

Chain-of-Custody
<input checked="" type="checkbox"/> INCLUDED <input checked="" type="checkbox"/> SIGNED <input type="checkbox"/> NOT INCLUDED

SAMPLE MATRIX
<input checked="" type="checkbox"/> LIQUID <input type="checkbox"/> SOLID <input type="checkbox"/> OTHER*

CONDITION OF SAMPLES UPON ARRIVAL			
	YES	NO*	NA
All sample containers intact and good condition.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
All samples listed on COC are present.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample ID on containers consistent with COC.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Correct containers used for analyses requested.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
All samples received within method holding time.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

*NOTES
<div style="text-align: right; margin-top: 50px;"> COMPLETED BY: <u>JV</u> </div>



Ventura County Watershed Protection District
NPDES Stormwater Monitoring Program

COMPOSITE SAMPLES - CRG

CHAIN-OF-CUSTODY RECORD

1 OF 1

CLIENT: Ventura County Watershed Protection District

SAMPLING DATE: 02/22/07 - 02/23/07 EVENT #3 (Wet)

SAMPLERS: D. THOMAS T. LIDDEL

SAMPLE INFORMATION FOR COMPOSITE SAMPLES

SAMPLE ID	DATE/TIME COLLECTED	Dissolved Metals	Total Recoverable Metals *, Hardness	Semi-volatile Organics (EPA 8270)	OC-Pesticides (EPA 8081/8082)	OP-Pesticides (EPA 8141)	CH-Herbicides (EPA 8151)	Glyphosate (EPA 547)	Conventionals **	TOC	No of bottles determined by Lab	NOTES
ME-CC	02/23/07 10:00	X	X	X	X	X	X	X	X	X		
ME-CC (MS/MSD)	" "		X	X	X	X	X					SEE NOTE 1
ME-SCR	02/23/07 11:20	X	X	X	X	X	X	X	X	X		
MB-1 (Field Blank)	02/23/07 11:20		X	X	X	X					3	ME-SCR
ME-VR2	02/23/07 09:00	X	X	X	X	X	X	X	X	X		

Signature	Relinquished By: <u>David F Thomas</u>	Date/Time	<u>02/23/07 14:40</u>
Printed Name	<u>DAVID F THOMAS</u>		
Affiliation	<u>VCWPD</u>		

Signature	Received By: <u>CK</u>	Date/Time	<u>2-23-07 14:40</u>
Printed Name	<u>CHUCK WILSON</u>		
Affiliation	<u>CRG</u>		

Miscellaneous Notes (Hazardous Materials, Quick turn-around time, etc.):

* Metals: Al, As, Cd, Cr, Cu, Pb, Ni, Se, Ag, Ti, Zn

** Conventionals: Bromide, BOD, Chloride, Cr-VI, TKN, Nitrite as N, Nitrate as N,

Nitrate-Nitrite as N, Orthophosphate, Tot and Dis Phosphorus, TDS, TSS, Turbidity

1. Conduct Metals analysis from original sample volume.



Ventura County Watershed Protection District
NPDES Stormwater Monitoring Program

GRAB SAMPLES - CRG

CHAIN-OF-CUSTODY RECORD

1 OF 1

CLIENT: Ventura County Watershed Protection District

SAMPLING DATE: 02/22/07

EVENT #3 (Wet)

SAMPLERS: D. THOMAS T. LIDDELL

SAMPLE INFORMATION FOR GRAB SAMPLES

SAMPLE ID	DATE/TIME COLLECTED	Total Ammonia - N	Conductivity	pH	Perchlorate	Oil and Grease	TRPH (2 bottles)	Mercury, T. & diss.	Number of Bottles	NOTES	Field H ₂ O Temp
ME-CC	02/22/07 18:00	X	X	X	X	X	X	X	6		16.3°C
ME-SCR	02/22/07 17:00	X	X	X	X	X	X	X	6		15.6°C
MB-1 (Field Blank)	02/22/07 17:00							X	1		
ME-VR2	02/22/07 16:00	X	X	X	X	X	X	X	6		15°C

Signature	Relinquished By: <i>David F. Thomas</i>	Date/Time	02/23/07 14:40
Printed Name	DAVID F. THOMAS		
Affiliation	VCWPD		

Received By: <i>CK</i>	Date/Time	2-23-07 14:40
Printed Name	Chuck Vicuna	
Affiliation	CRG	

- Miscellaneous Notes (Hazardous Materials, Quick turn-around time, etc.):
- Toxicity Samples to Aquatic Bioassay Consultants Laboratory
 - Bacteria Samples to Ventura County Health Care Agency Laboratory
 - Conduct analysis on original sample volume



Ventura County Watershed Protection District
NPDES Stormwater Monitoring Program

COMPOSITE Bottles Cleaning

CHAIN-OF-CUSTODY RECORD

1 OF 1

CLIENT: Ventura County Watershed Protection District

SAMPLING DATE: 23-Feb-07

SAMPLERS: David Thomas

SAMPLE INFORMATION FOR COMPOSITE SAMPLES

Table with columns for SAMPLE ID, Quantity, Clean per VCWPD SOP, and NOTES. Contains entries for '9.4 L Pickle Jars w/ Lids' and '9.4 L Pickle Jar Lids'.

Relinquished By: David F Thomas, Date/Time: 02/23/07 14:40

Received By: Chuck Vicoma, Date/Time: 02-23-07 14:40

Miscellaneous Notes (Hazardous Materials, Quick turn-around time, etc.):



Ventura County Watershed Protection District
NPDES Stormwater Monitoring Program

Bacteriological -VCHCA Lab

CHAIN-OF-CUSTODY RECORD

1 OF 1

CLIENT: Ventura County Watershed Protection District

SAMPLING DATE: 02/22/07

EVENT #3 (Wet)

SAMPLERS: D. THOMAS T. LIDDELL

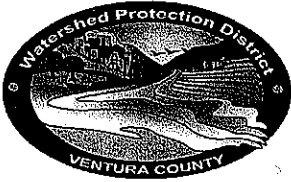
SAMPLE INFORMATION FOR GRAB SAMPLES

LAB USE ONLY	LOCATION	DATE/TIME	Total Coliform (25 Tube Method - MPNX)	Fecal Coliform (25 Tube Method - MPNX)	Enterococcus (Tray Method - WQ IDEXX)	E-Coli (Tray Method - WQ IDEXX)	Total Coliform (Tray Method - WQ IDEXX)	Number of Bottles	NOTES
	ME-CC	02/22/07 18:00	X	X	X	X	X	1	
	ME-SCR	02/22/07 17:00	X	X	X	X	X	1	
	MB-1	02/22/07 17:00	X	X	X	X	X	1	
	ME-VR2	02/22/07 16:00	X	X	X	X	X	1	

Signature: *David F. Thomas*
 Relinquished By: DAVID F. THOMAS
 Affiliation: VCWPD
 Date/Time: 02/22/07 20:18

Received By: *S. Penaranda*
 Printed Name: S. Penaranda
 Affiliation: _____
 Date/Time: 02/22/07 20:18

Miscellaneous Notes (Hazardous Materials, Quick turn-around time, etc.): _____



Ventura County Watershed Protection District
NPDES Stormwater Monitoring Program

Grab Toxicity Samples - ABC

CHAIN-OF-CUSTODY RECORD

1 OF 1

CLIENT: Ventura County Watershed Protection District
 SAMPLING DATE: 02/22/07 EVENT #3 (Wet)
 SAMPLERS: D. THOMAS T. LIDDELL

SAMPLE INFORMATION FOR GRAB SAMPLES

SAMPLE ID	DATE/TIME COLLECTED	Acute Ceriodaphnia - 6.25, 12.5, 25, 50, 100%	Chronic Echinoderm Fertilization - 6.25, 12.5, 25, 50, 70%					No. of 5 gal. Buckets	NOTES	Field H ₂ O Temp
ME-CC	02/22/07 18:00	X						1	see note 1	16.3°C
ME-SCR	02/22/07 17:00	X						1	see note 1	15.6°C
ME-VR2	02/22/07 16:00	X						1	see note 1	15°C

Signature: David F Thomas Date/Time: 02/23/07 08:30
 Printed Name: DAVID F. THOMAS
 Affiliation: VCWPD

Received By: Elizabeth Matwind Date/Time: 2-23-07 08:30
 Printed Name: ELIZABETH MATWIND
 Affiliation: _____

Miscellaneous Notes (Hazardous Materials, Quick turn-around time, etc.):
 1. Mass Emission : Run TIE if Tuc (Chronic) is > 1 for any 2 consecutive wet weather events
 or 1 dry weather event.