

### Event Sample Matrix Sheet

**Ventura County Mass Emission Monitoring  
2005 – 2006 Event #1 Grab Field Sampling Requirements**

Constituent <b>(bottle preservative)</b>	ME-CC	ME-CC MS/MSD	ME-VR2	MB-1 FIELD BLANK	ME-SCR	A-1	D-1 Lab Dup	I-2	R-1	W-3	W-4
<b>Grab Samples</b>	Mass Emission *					Land Use *				Receiving Waters *	
Total Ammonia as N ( <i>1 pint</i> )	250	-	250	-	250	250	250	-	-	250	250
Conductivity	250	-	250	-	250	250	250	-	-	250	250
pH	250	-	250	-	250	250	250	-	-	250	250
Perchlorate	250	-	250	-	250	250	250	-	-	250	250
Oil & Grease ( <i>1 quart</i> ) (H <sub>2</sub> SO <sub>4</sub> )	1000	-	1000	-	1000	1000	1000	-	-	1000	1000
MTBE ( 3 - 40MI VIALS )	-	-	-	-	-	120	120	-	-	120	120
TRPH (H <sub>2</sub> SO <sub>4</sub> )	1000	-	1000	-	1000	1000	1000	-	-	1000	1000
Total and Fecal Coliform	100	-	100	100 B1 Water	100	100	100	-	-	100	100
E. Coli											
Enterococcus											
Chronic & Acute Toxicity (TIE)	5 gal	-	5 gal	-	5 gal	5 gal	-	5 gal	5 gal	5 gal	5 gal

\* Conduct analysis on original sample volume

Chronic TIE shall be conducted when toxicity manifests in two consecutive wet weather samples, or any one dry weather sample.

Acute TIE whenever TUA is >1.

**Event Sample Matrix Sheet**

**Ventura County Mass Emission Monitoring  
2005 – 2006 Event #1 Composite Sampling Requirements**

<b>Constituent (bottle preservative)</b>	<b>ME-CC</b>	<b>ME-CC MS/MSD</b>	<b>ME-VR2</b>	<b>MB-1 FIELD BLANK</b>	<b>ME-SCR</b>	<b>A-1</b>	<b>D-1 Lab Dup</b>	<b>I-2</b>	<b>R-1</b>	<b>W-3</b>	<b>W-4</b>
<b>Composite Samples</b>	<b>Mass Emission</b>					<b>Land Use</b>				<b>Receiving Waters</b>	
Dis. Metals (As, Cd, Cr, Cu, Hg, Pb, Ni, Se, Ag, Tl, Zn )	250	-	250	-	250	250	250	-	-	250	250
Total Metals (As, Cd, Cr, Cu, Hg, Pb, Ni, Se, Ag, Tl, Zn )		*		250 Bl Water							
Hardness (HNO <sub>3</sub> )											
Semi-volatile Organics (EPA 8270)	2000	4000	2000	2000 Bl Water	2000	2000	2000	-	-	2000	2000
OC-Pesticides (EPA 8081)											
OP-Pesticides (EPA 8141)											
Cl-Herbicides (EPA 8151)	1000	2000	1000	1000	1000	1000	-	-	-	1000	1000
Glyphosate (EPA 547)	125	-	125	125	125	125	-	-	-	125	125
TOC (H <sub>2</sub> SO <sub>4</sub> )	250	-	250	250	250	250	-	-	-	250	250
BOD (1 quart bottle)	500	-	500	500	500	500	-	-	-	500	500
Bromide	250	-	250	250	250	250	-	-	-	250	250
Chloride											
Nitrite as N											
Orthophosphate	1000	-	1000	1000	1000	1000	-	-	-	1000	1000
TDS/TSS											
Nitrate as N (1 pint bottle)	500	-	500	500	500	500	-	-	-	500	500
Nitrate – Nitrite as N	1000	-	1000	1000	1000	1000	-	-	-	1000	1000
TKN (H <sub>2</sub> SO <sub>4</sub> )											
Phosphorous, total											
Phosphorous, dis.											
<b>Total Composite Volumes</b>	<b>6875</b>	<b>6000</b>	<b>6875</b>	<b>6875</b>	<b>6875</b>	<b>6875</b>	<b>2250</b>	<b>0</b>	<b>0</b>	<b>6875</b>	<b>6875</b>
* Conduct analysis on original sample volume	<b>12875</b>		<b>13750</b>			<b>9125</b>				<b>13750</b>	

## Event Sample Matrix Sheet

### Ventura County Mass Emission Monitoring

### 2005 – 2006 Event #2 Grab Field Sampling Requirements

Constituent <span style="color: red;">(bottle preservative)</span>	ME-CC	MB-1 Field Blank	ME-SCR	ME-SCR MS/MSD	ME-VR2	MD-1 Field Dup
<b>Grab Samples</b>						
Total Ammonia as N (plastic)						
Conductivity	250	-	250	-	250	250
pH						
Perchlorate (plastic)	250	-	250		250	250
Oil & Grease ( <i>wide mouth - amber glass</i> )	1000	-	1000	-	1000	1000
TRPH (amber glass)	1000	-	1000	-	1000	1000
Total and Fecal Coliform	100	100 BI Water	100	-	100	100
E. Coli						
Enterococcus						
Chronic Toxicity (TIE)	5 gal	-	5 gal	-	5 gal	-

\* Conduct analysis on original sample volume

TIE shall be conducted when toxicity manifests in two consecutive wet weather samples, or any one dry weather sample.

## Event Sample Matrix Sheet

### Ventura County Mass Emission Monitoring 2005 – 2006 Event #2 Composite Sampling Requirements

Constituent (bottle preservative)	ME-CC	MB-1 Field Blank	ME-SCR	ME-SCR MS/MSD	ME-VR2	MD-1 Field Dup
<b>Composite Samples</b>						
Dis. Metals (As, Cd, Cr, Cu, Hg, Pb, Ni, Se, Ag, Tl, Zn)	500	-	500	-	500	500
Total Metals (As, Cd, Cr, Cu, Hg, Pb, Ni, Se, Ag, Tl, Zn) Hardness (HNO <sub>3</sub> )		* Bl Water		*		
Semi-volatile Organics (EPA 8270) OC-Pesticides (EPA 8081) OP-Pesticides (EPA 8141)	2000	2000 Bl Water	2000	2000	2000	2000
Cl-Herbicides (EPA 8151)	1000	-	1000	2000	1000	1000
Glyphosate (EPA 547)	125	-	125	-	125	-
TOC (2 x 40 ml vials) (H <sub>2</sub> SO <sub>4</sub> )	80	-	80	-	80	80
BOD (1 quart bottle) Bromide Chloride Nitrite as N Orthophosphate TDS/TSS	1000	-	1000	-	1000	1000
Nitrate as N (1 pint bottle) (H <sub>2</sub> SO <sub>4</sub> ) Nitrate – Nitrite as N TKN Phosphorous, total Phosphorous, dis.	500	-	500	-	500	500
<b>Total Composite Volumes</b>	<b>5205</b>		<b>5205</b>	<b>4000</b>	<b>5205</b>	<b>5080</b>
* Conduct analysis on original sample volume		<b>5205</b>		<b>9205</b>		<b>10285</b>

## Event Sample Matrix Sheet

### Ventura County Mass Emission Monitoring

### 2005 – 2006 Event #3 Grab Field Sampling Requirements

Constituent (bottle preservative)	ME-CC	ME-CC MS/MSD	ME-SCR	MB-1 Field Blank	ME-VR2
<b>Grab Samples</b>					
Total Ammonia as N (plastic)					
Conductivity	250	-	250	-	250
pH					
Perchlorate (plastic)	250		250	-	250
Oil & Grease ( <i>wide mouth - amber glass</i> )	1000	-	1000	-	1000
TRPH (amber glass)	1000	-	1000	-	1000
Total and Fecal Coliform	100	-	100	100 Bl Water	100
E. Coli					
Enterococcus					
Chronic Toxicity (TIE)	-	-	-	-	-

\* Conduct analysis on original sample volume

TIE shall be conducted when toxicity manifests in two consecutive wet weather samples, or any one dry weather sample.

## Event Sample Matrix Sheet

### Ventura County Mass Emission Monitoring 2005 – 2006 Event #3 Composite Sampling Requirements

Constituent (bottle preservative)	ME-CC	ME-CC MS/MSD	ME-SCR	MB-1 Field Blank	ME-VR2
<b>Composite Samples</b>					
Dis. Metals (As, Cd, Cr, Cu, Hg, Pb, Ni, Se, Ag, Tl, Zn)	500	-	500	-	500
Total Metals (As, Cd, Cr, Cu, Hg, Pb, Ni, Se, Ag, Tl, Zn)		*		* BI Water	
Hardness (HNO <sub>3</sub> )					
Semi-volatile Organics (EPA 8270)	2000	2000	2000	2000 BI Water	2000
OC-Pesticides (EPA 8081)					
OP-Pesticides (EPA 8141)					
Cl-Herbicides (EPA 8151)	1000	2000	1000	-	1000
Glyphosate (EPA 547)	125	-	125	-	125
TOC (2 x 40 ml vials) (H <sub>2</sub> SO <sub>4</sub> )	80	-	80	-	80
BOD (1 quart bottle)	1000	-	1000	-	1000
Bromide					
Chloride					
Nitrite as N					
Orthophosphate					
TDS/TSS					
Nitrate as N (1 pint bottle) (H <sub>2</sub> SO <sub>4</sub> )	500	-	500	-	500
Nitrate – Nitrite as N					
TKN					
Phosphorous, total					
Phosphorous, dis.					
<b>Total Composite Volumes</b>	<b>5205</b>	<b>4000</b>	<b>5205</b>		<b>5205</b>
* Conduct analysis on original sample volume		<b>9205</b>		<b>5205</b>	<b>5205</b>

## Event Sample Matrix Sheet

### Ventura County Mass Emission Monitoring

### 2005 – 2006 Event #4 Grab Field Sampling Requirements

Constituent <b>(bottle preservative)</b>	ME-CC	ME-SCR	MD-1 Lab Dup	ME-VR2	ME-VR2 MS/MSD
<b>Grab Samples</b>					
Total Ammonia as N (plastic)					
Conductivity	250	250	250	250	-
pH					
Perchlorate (plastic)	250	250	250	250	
Oil & Grease ( <i>wide mouth - amber glass</i> )	1000	1000	1000	1000	-
TRPH (amber glass)	1000	1000	1000	1000	-
Total and Fecal Coliform	100	100	100	100	-
E. Coli					
Enterococcus					
Chronic Toxicity (TIE)	-	-	-	-	-.

\* Conduct analysis on original sample volume

TIE shall be conducted when toxicity manifests in two consecutive wet weather samples, or any one dry weather sample.

## Event Sample Matrix Sheet

### Ventura County Mass Emission Monitoring 2005 – 2006 Event #4 Composite Sampling Requirements

Constituent <span style="color: red;">(bottle preservative)</span>	ME-CC	ME-SCR	MD-1 Lab Dup	ME-VR2	ME-CC MS/MSD
<b>Composite Samples</b>					
Dis. Metals (As, Cd, Cr, Cu, Hg, Pb, Ni, Se, Ag, Tl, Zn)	500	500		500	-
Total Metals (As, Cd, Cr, Cu, Hg, Pb, Ni, Se, Ag, Tl, Zn)			500		*
Hardness <span style="color: red;">(HNO<sub>3</sub>)</span>					
Semi-volatile Organics (EPA 8270)	2000	2000	2000	2000	2000
OC-Pesticides (EPA 8081)					
OP-Pesticides (EPA 8141)					
Cl-Herbicides (EPA 8151)	1000	1000	-	1000	2000
Glyphosate (EPA 547)	125	125	-	125	-
TOC (2 x 40 ml vials) <span style="color: red;">(H<sub>2</sub>SO<sub>4</sub>)</span>	80	80	-	80	-
BOD (1 quart bottle)	1000	1000	-	1000	-
Bromide					
Chloride					
Nitrite as N					
Orthophosphate					
TDS/TSS					
Nitrate as N (1 pint bottle) <span style="color: red;">(H<sub>2</sub>SO<sub>4</sub>)</span>	500	500	-	500	-
Nitrate – Nitrite as N					
TKN					
Phosphorous, total					
Phosphorous, dis.					
<b>Total Composite Volumes</b>	<b>5205</b>	<b>5205</b>	<b>2500</b>	<b>5205</b>	<b>4000</b>
* Conduct analysis on original sample volume			<b>7705</b>	<b>9205</b>	

**Ventura County Mass Emission Monitoring  
2005 – 2006 Event #5 Grab Field Sampling Requirements**

Constituent <b>(bottle preservative)</b>	ME-CC	MB-1 FIELD BLANK	ME-SCR	ME-SCR MS/MSD	ME-VR2
<b>Grab Samples</b>					
Total Ammonia as N ( <i>1 pint</i> )					
Conductivity	500	-	500	-	500
pH					
Perchlorate	250	-	250	-	250
Oil & Grease ( <i>1 quart</i> ) ( <b>H<sub>2</sub>SO<sub>4</sub></b> )	1000	-	1000	-	1000
TRPH ( <b>H<sub>2</sub>SO<sub>4</sub></b> )	2000	-	2000	-	2000
Total Recoverable Mercury	500	500	500	*	500
Dissolved Mercury		Bl Water		-	
Total and Fecal Coliform	100	100 Bl Water	100	-	100
E. Coli					
Enterococcus					
Chronic Toxicity (TIE)	5 gal	-	5 gal	-	5 gal

\* Conduct analysis on original sample volume

TIE shall be conducted when toxicity manifests in two consecutive wet weather samples, or any one dry weather sample.

## Ventura County Mass Emission Monitoring

### 2005 – 2006 Event #5 Composite Sampling Requirements

Constituent <span style="color: red;">(bottle preservative)</span>	ME-CC	MB-1 FIELD BLANK	ME-SCR	ME-SCR MS/MSD	ME-VR2
<b>Composite Samples</b>					
Dis. Metals (As, Cd, Cr, Cu, Pb, Ni, Se, Ag, Tl, Zn)	500	-	500	-	500
Total Metals (As, Cd, Cr, Cu, Pb, Ni, Se, Ag, Tl, Zn)		500 Bl Water		*	
Hardness (HNO <sub>3</sub> )					
Semi-volatile Organics (EPA 8270)	2000	2000 Bl Water	2000	4000	2000
OC-Pesticides (EPA 8081)					
OP-Pesticides (EPA 8141)					
Cl-Herbicides (EPA 8151)	1000	-	1000	2000	1000
Glyphosate (EPA 547)	125	-	125	-	125
TOC (2 x 40 ml vials) (H <sub>2</sub> SO <sub>4</sub> )	80	-	80	-	80
BOD (1 quart bottle)	1000	-	1000	-	1000
Bromide					
Chloride					
Nitrite as N					
Orthophosphate					
TDS/TSS					
Nitrate as N (1 pint bottle) (H <sub>2</sub> SO <sub>4</sub> )	500	-	500	-	500
Nitrate – Nitrite as N					
TKN					
Phosphorous, total					
Phosphorous, dis.					
<b>Total Composite Volumes</b>	<b>5205</b>	<b>2500</b>	<b>5205</b>	<b>6000</b>	<b>5205</b>
		<b>7705</b>		<b>11205</b>	

\* Conduct analysis on original sample volume