APPENDIX II

SAN JOAQUIN COUNTY & DELTA WATER QUALITY COALITION

HIGH PRIORITY SITE SUBWATERSHED EXCEEDANCE TABLES

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Table I-A. Duck Creek @ Hwy 4 subwatershed exceedances (2006-2013).

The WQTLs used to evaluate the data are listed in the header after the analyte. Upstream sites are italicized.

Site Name	Season	Sample Date	Dissolved Oxygen, <7 mg/L	pH, <6.5 and >8.5 units	*E. coli*, > 235 MPN/100 mL	Copper (Dissolved), Variable[1]	Chlorpyrifos, > 0.015 µg/L	Diazinon, > 0.1 µg/L	Malathion, > 0 µg/L	*C. dubia*, (% Control)	*S. capricornutum*, (% Control)	*H. azteca*, (% Control)
Duck Creek @ Hwy 4	Irrigation	5/16/2006	5.6		2400		0.029					
Duck Creek @ Hwy 4	Irrigation	6/20/2006	4.5		330							
Duck Creek @ Hwy 4	Irrigation	7/18/2006	5.5									
Duck Creek @ Hwy 4	Irrigation	8/15/2006		6.43								
Duck Creek @ Hwy 4	Irrigation	9/19/2006					0.15			0		
Duck Creek @ Hwy 4	Storm	2/11/2007			820							
Duck Creek @ Hwy 4	Storm	2/28/2007			2400			0.11			77	
Duck Creek @ Hwy 4	Storm	3/6/2007	5.8									
Duck Creek @ Hwy 4	Irrigation	4/10/2007			290							
Duck Creek @ Hwy 4	Irrigation	6/12/2007		8.66								
Duck Creek @ Hwy 4	Irrigation	7/10/2007	6.67				0.024					
Duck Creek @ Hwy 4	Irrigation	8/9/2007	6.54									
Duck Creek @ Hwy 4	Irrigation	9/4/2007	6.99				0.025					
Duck Creek @ Hwy 4	Irrigation	9/25/2007	5.83				0.029					
Duck Creek @ Hwy 4	Storm	1/23/2008			240							
Duck Creek @ Hwy 4	Irrigation	4/15/2008					0.057			0	42	
Duck Creek @ Hwy 4	Irrigation	4/23/2008								0		
Duck Creek @ Drais Rd	*Irrigation*	*5/13/2008*	*6*	*6.05*			*0.42*					
Duck Creek @ Hwy 4	Irrigation	5/13/2008	6.95	6.31							6	
Duck Creek @ Hwy 4	Irrigation	6/10/2008	6.89				0.11		0.22			
Duck Creek @ Drais Rd	*Irrigation*	*7/15/2008*	*2.66*									
Duck Creek @ Hwy 4	Irrigation	7/15/2008	5.87				0.066			0		
Duck Creek @ Hwy 4	Irrigation	7/22/2008	4.92							0		
Duck Creek @ Hwy 4	Irrigation	8/12/2008	6				0.017					
Duck Creek @ Hwy 4	Irrigation	8/13/2008	5.34									
Duck Creek @ Drais Rd	*Irrigation*	*9/16/2008*	*3.99*									
Duck Creek @ Hwy 4	Irrigation	9/16/2008	5.92				0.027					

Site Name	Season	Sample Date	Dissolved Oxygen, <7 mg/L	pH, <6.5 and >8.5 units	*E. coli*, > 235 MPN/100 mL	Copper (Dissolved), Variable[1]	Chlorpyrifos, > 0.015 µg/L	Diazinon, > 0.1 µg/L	Malathion, > 0 µg/L	*C. dubia*, (% Control)	*S. capricornutum*, (% Control)	*H. azteca*, (% Control)
Duck Creek @ Hwy 4	Fall	11/4/2008	5.38									
Duck Creek @ Hwy 4	Winter	3/10/2009	5.4									
Duck Creek @ Hwy 4	Irrigation	5/12/2009	6.43									
Duck Creek @ Hwy 4	Irrigation	6/9/2009	6.74				0.07					
Duck Creek @ Hwy 4	Irrigation	7/14/2009	4.5				0.15			0		
Duck Creek @ Hwy 4	Irrigation	8/11/2009	4.6				0.031					
Duck Creek @ Hwy 4	Irrigation	9/15/2009	5.62									
Duck Creek @ Hwy 4	Irrigation	4/13/2010	6.60									
Duck Creek @ Hwy 4	Irrigation	5/11/2010					0.055					
Duck Creek @ Hwy 4	Irrigation	6/8/2010	0.44									
Duck Creek @ Hwy 4	Irrigation	7/13/2010	6.48				0.02					
Duck Creek @ Hwy 4	Irrigation	8/10/2010	5.07				0.30					
Duck Creek @ Hwy 4	Irrigation	9/7/2010	6.11				0.023					
Duck Creek @ Hwy 4	Sediment	9/14/2010	4.51									17
Duck Creek @ Hwy 4	Fall	10/12/2010	5.60									
Duck Creek @ Hwy 4	Fall	11/9/2010	6.01									
Duck Creek @ Hwy 4	Irrigation	6/28/2011	5.57									
Duck Creek @ Hwy 4	Irrigation	7/26/2011	6.30									
Duck Creek @ Hwy 4	Irrigation	8/23/2011	6.15									
Duck Creek @ Hwy 4	Irrigation	9/20/2011	6.54				0.12			35		
Duck Creek @ Hwy 4	Winter	2/14/2012	6.4									
Duck Creek @ Hwy 4	Storm	3/15/2012	3.26									68
Duck Creek @ Hwy 4	Irrigation	5/16/2012	6.78									
Duck Creek @ Hwy 4	Irrigation	6/19/2012	3.89									
Duck Creek @ Hwy 4	Irrigation	7/17/2012	4.25									
Duck Creek @ Hwy 4	Irrigation	8/21/2012	3.50									
Duck Creek @ Hwy 4	Irrigation	9/18/2012	0.41									
Duck Creek @ Hwy 4	Fall	10/16/2012	1.98									
Duck Creek @ Hwy 4	Fall	11/6/2012	2.66									

Site Name	Season	Sample Date	Dissolved Oxygen, <7 mg/L	pH, <6.5 and >8.5 units	*E. coli*, > 235 MPN/100 mL	Copper (Dissolved), Variable[1]	Chlorpyrifos, > 0.015 µg/L	Diazinon, > 0.1 µg/L	Malathion, > 0 µg/L	*C. dubia*, (% Control)	*S. capricornutum*, (% Control)	*H. azteca*, (% Control)
Duck Creek @ Hwy 4	Fall	11/7/2012	2.6									
Duck Creek @ Hwy 4	Storm	12/3/2012			>2400	3.6 (3.56)						0
Duck Creek @ Hwy 4	Winter	3/19/2013										91
Duck Creek @ Hwy 4	Storm	4/2/2013	6.68									
Duck Creek @ Hwy 4	Irrigation	5/21/2013	2.90									
Duck Creek @ Hwy 4	Irrigation	6/18/2013	5.39									
Duck Creek @ Hwy 4	Irrigation	7/16/2013	2.64									
Duck Creek @ Hwy 4	Irrigation	8/20/2013	1.08									
Duck Creek @ Hwy 4	Irrigation	9/17/2013	2.14									
		Constituent Priority	**E**	**E[R]**	**E**	**NP**	**A/B**	**A/B[R]**	**NP**	**D**	**E[R]**	**D**

[1] Metal WQTL variable; based on hardness.

NP – Not Prioritized; less than two exceedances within three consecutive monitoring years and currently no TMDL.

[R] – Removed from active management plan

Table II-A. Lone Tree Creek site subwatershed exceedances (2004-2013).

The WQTLs used to evaluate the data are listed in the header after the analyte. Upstream sites are italicized.

Site Name	Season	Sample Date	Dissolved Oygen , <7 mg/L	pH, <6.5 and >8.5 units	Specific Conductivity, >700 µS/cm	Total Dissolved Solids, >450 mg/L	Ammonia, Variable[1] or >1.5 mg/L	*E. coli*, >235 MPN/100 mL	Copper (Total), variable[2] or >1300 µg/L	Lead (Total), variable[2] or >15 µg/L	Chlorpyrifos, >0.015 µg/L	Cypermethrin, >0.002 µg/L	DDE (p,p'), >0.00059 µg/L	DDT (p,p'), >0.00059 µg/L	Diazinon, >0.1 µg/L	Diuron, >2 µg/L	Simazine, > 4 µg/L	Thiobencarb, >0 µg/L	*C. dubia*, (%Control)[3]	*P. promelas*, (%Control)	*S. capricornutum*, (%Control)	*H. azteca*, (%Control)
Lone Tree Creek @ Jack Tone Rd	Irrigation	8/24/2004	6.30					500														
Lone Tree Creek @ Jack Tone Rd	Storm	2/16/2005	6.00					1600												0	77	
Lone Tree Creek @ Jack Tone Rd	Storm	3/21/2005		8.58				900														
Lone Tree Creek @ Jack Tone Rd	Irrigation	5/17/2005						900														95
Lone Tree Creek @ Jack Tone Rd	Irrigation	6/21/2005						500														
Lone Tree Creek @ Jack Tone Rd	Irrigation	7/19/2005	6.10					900			0.036	0.03										
Lone Tree Creek @ Jack Tone Rd	Irrigation	8/16/2005	6.90					500			0.019											
Lone Tree Creek @ Brennan Rd	*Irrigation*	*9/20/2005*	*5.10*					*1600*														
Lone Tree Creek @ Jack Tone Rd	Irrigation	9/20/2005	4.50					1600														
Lone Tree Creek @ Brennan Rd	*Storm*	*2/27/2006*			*1370*	*730*		*1600*			*0.018*								*0*	*0*	*74*	
Lone Tree Creek @ Jack Tone Rd	Storm	2/27/2006		9.00				900														
Lone Tree Creek @ Brennan Rd	*Storm*	*3/15/2006*						*1600*													*56*	
Lone Tree Creek @ Jack Tone Rd	Storm	3/15/2006	6.30					1600													57	
Lone Tree Creek @ Brennan Rd	*Storm*	*3/24/2006*	*3.30*																		*83*	
Lone Tree Creek @ Jack Tone Rd	Storm	3/24/2006	6.70																			
Lone Tree Creek @ Jack Tone Rd	Storm	4/27/2006																				80
Lone Tree Creek @ Jack Tone Rd	Irrigation	5/16/2006	6.70					2400														
Lone Tree Creek @ Jack Tone Rd	Irrigation	6/20/2006	4.70					2400														
Lone Tree Creek @ Jack Tone Rd	Irrigation	7/18/2006	5.60					770			0.019											
Lone Tree Creek @ Jack Tone Rd	Irrigation	8/15/2006	6.62					920	8.9 (6.4)													
Lone Tree Creek @ Jack Tone Rd	Irrigation	9/19/2006																				
Lone Tree Creek @ Jack Tone Rd	Storm	2/11/2007	5.54				2.8	2400	21 (12.4)	3.8 (3.6)	0.052				0.14	12						

Site Name	Season	Sample Date	Dissolved Oygen , <7 mg/L	pH, <6.5 and >8.5 units	Specific Conductivity, >700 µS/cm	Total Dissolved Solids, >450 mg/L	Ammonia, Variable[1] or >1.5 mg/L	*E. coli*, >235 MPN/100 mL	Copper (Total), variable[2] or >1300 µg/L	Lead (Total), variable[2] or >15 µg/L	Chlorpyrifos, >0.015 µg/L	Cypermethrin, >0.002 µg/L	DDE (p,p'), >0.00059 µg/L	DDT (p,p'), >0.00059 µg/L	Diazinon, >0.1 µg/L	Diuron, >2 µg/L	Simazine, > 4 µg/L	Thiobencarb, >0 µg/L	*C. dubia*, (%Control)[3]	*P. promelas*, (%Control)	*S. capricornutum*, (%Control)	*H. azteca*, (%Control)
Lone Tree Creek @ Jack Tone Rd	Storm	2/28/2007					2.1	2400	19 (13.9)							4.3	4.1				31	
Lone Tree Creek @ Jack Tone Rd	Irrigation	4/10/2007																				
Lone Tree Creek @ Jack Tone Rd	Irrigation	5/22/2007						730										0.5				
Lone Tree Creek @ Jack Tone Rd	Irrigation	6/12/2007						580										0.12				
Lone Tree Creek @ Jack Tone Rd	Irrigation	7/10/2007					2.5	2400	12 (5.3)		0.035											
Lone Tree Creek @ Jack Tone Rd	Irrigation	8/7/2007						1400	4.6 (4.1)				0.058	0.031								
Lone Tree Creek @ Jack Tone Rd	Irrigation	9/4/2007							3.5 (3.1)													
Lone Tree Creek @ Jack Tone Rd	Storm	1/23/2008	3.79			580	10	>2400	40 (21.1)		1.700				0.2	4.9			0	75	61	
Lone Tree Creek @ Jack Tone Rd	Irrigation	4/15/2008	5.85					650													83	
Lone Tree Creek @ Jack Tone Rd	Irrigation	4/23/2008																			72	
Lone Tree Creek @ Jack Tone Rd	Irrigation	5/13/2008	4.65	6.10				1300													7	
Lone Tree Creek @ Valley Home Rd	*Irrigation*	*5/13/2008*	*5.29*	*5.91*																		
Lone Tree Creek @ Jack Tone Rd	Irrigation	6/10/2008						690														
Lone Tree Creek @ Valley Home Rd	*Irrigation*	*6/10/2008*	*6.62*																			
Lone Tree Creek @ Jack Tone Rd	Irrigation	7/15/2008						460														
Lone Tree Creek @ Valley Home Rd	*Irrigation*	*7/15/2008*	*6.07*						*7 (6.5)*													
Lone Tree Creek @ Brennan Rd	*Irrigation*	*8/12/2008*	*6.66*																			
Lone Tree Creek @ Jack Tone Rd	Irrigation	8/12/2008						310														
Lone Tree Creek @ Valley Home Rd	*Irrigation*	*8/12/2008*	*4.20*																			
Lone Tree Creek @ Valley Home Rd	*Irrigation*	*9/16/2008*	*5.93*																			
Lone Tree Creek @ Jack Tone Rd	Irrigation	7/14/2009	6.61																			
Lone Tree Creek @ Jack Tone Rd	Irrigation	8/11/2009	5.95								0.100											
Lone Tree Creek @ Jack Tone Rd	Storm	1/13/2010	3.61								1.100											
Lone Tree Creek @ Jack Tone Rd	Irrigation	7/13/2010									0.270											

Site Name	Season	Sample Date	Dissolved Oygen , <7 mg/L	pH, <6.5 and >8.5 units	Specific Conductivity, >700 µS/cm	Total Dissolved Solids, >450 mg/L	Ammonia, Variable[1] or >1.5 mg/L	*E. coli*, >235 MPN/100 mL	Copper (Total), variable[2] or >1300 µg/L	Lead (Total), variable[2] or >15 µg/L	Chlorpyrifos, >0.015 µg/L	Cypermethrin, >0.002 µg/L	DDE (p,p'), >0.00059 µg/L	DDT (p,p'), >0.00059 µg/L	Diazinon, >0.1 µg/L	Diuron, >2 µg/L	Simazine, > 4 µg/L	Thiobencarb, >0 µg/L	*C. dubia*, (%Control)[3]	*P. promelas*, (%Control)	*S. capricornutum*, (%Control)	*H. azteca*, (%Control)
Lone Tree Creek @ Jack Tone Rd	Winter	2/8/2011		9.09																		
Lone Tree Creek @ Jack Tone Rd	Winter	3/8/2011		9.14																		
Lone Tree Creek @ Jack Tone Rd	Winter	2/14/2012																				
Lone Tree Creek @ Jack Tone Rd	Irrigation	7/16/2013									0.026											
		Constituent Priority	**E**	**E**	**E**	**E**	**E**	**E**	**C[R]**	**NP**	**A/B**	**NP**	**NP**	**NP**	**A/B[R]**	**C[R]**	**NP**	**NP***	**NP**	**D**	**D[R]**	**D[R]**

[1] Ammonia WQTL variable; based on pH and temperature.
[2] Metal WQTL variable; based on hardness.
[3] Toxicity to C. dubia was incorrectly prioritized as priority D in past reports; not prioritized, one of the two toxicities occurred during upstream monitoring.
NP – Not Prioritized; less than two exceedances within three consecutive monitoring years and currently no TMDL.
NP* – Not Prioritized; thiobencarb is only applied to rice and therefore will be managed under the Rice Coalition.
[R] – Removed from active management plan

Table III-A. Unnamed Drain to Lone Tree Creek subwatershed exceedances (2006-2013).

The WQTLs used to evaluate the data are listed in the header after the analyte. Upstream sites are italicized.

Site Name	Season	Sample Date	Dissolved Oxygen, <7 mg/L	pH, <6.5 and >8.5 units	Specific Conductivity, >700 µS/cm	Total Dissolved Solids, >450 mg/L	*E. coli*, >235 MPN/100 mL	Copper (Dissolved), Variable[1]	Copper (Total), Variable[2] or >1300 µg/L	Lead (Total), Variable[2] or >15 µg/L	Carbofuran, >0 µg/L	Chlorpyrifos, >0.015 µg/L	DDE (p,p'), >0.00059 µg/L	Diuron, >2 µg/L	Methidathion, >0.7 µg/L	Simazine, >4 µg/L	Thiobencarb, >0 µg/L	*C. dubia*, (% Control)	*S. capricornutum*, (% Control)	*H. azteca*, (% Control)
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	Irrigation	6/20/2006	4.80										0.004				0.12			
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	Irrigation	7/18/2006	6.00				2400					0.031								
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	Irrigation	9/19/2006										0.045								
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	Storm	2/11/2007					2400					0.048		19	1.1	7		0	53	
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	Storm	2/21/2007																	83	
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	Storm	2/28/2007					2400							29					4.8	
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	Storm	3/6/2007			841															
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	Storm	3/7/2007																	57	
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	Irrigation	5/22/2007			905	620														
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	Irrigation	6/12/2007															0.57			
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	Irrigation	7/10/2007					2400					0.034								
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	Irrigation	8/7/2007					250													
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	Irrigation	8/9/2007																		61
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	Irrigation	9/25/2007										0.017								
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	Storm	1/23/2008					>2400					0.045		7.7		6.4		0		
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	Sediment	3/18/2008																		54
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	Sediment	4/9/2008																		21
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	Irrigation	4/15/2008					250		23 (8.4)	6.1 (2.7)										
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	Irrigation	5/13/2008	5.61	6.17			460		7.8 (6.5)		0.64	0.410							34	
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	Irrigation	6/10/2008										0.120					0.12			
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	Irrigation	7/15/2008					690		6.9 (5.7)			0.028								

Site Name	Season	Sample Date	Dissolved Oxygen, <7 mg/L	pH, <6.5 and >8.5 units	Specific Conductivity, >700 µS/cm	Total Dissolved Solids, >450 mg/L	*E. coli*, >235 MPN/100 mL	Copper (Dissolved), Variable[1]	Copper (Total), Variable[2] or >1300 µg/L	Lead (Total), Variable[2] or >15 µg/L	Carbofuran, >0 µg/L	Chlorpyrifos, >0.015 µg/L	DDE (p,p'), >0.00059 µg/L	Diuron, >2 µg/L	Methidathion, >0.7 µg/L	Simazine, >4 µg/L	Thiobencarb, >0 µg/L	*C. dubia*, (% Control)	*S. capricornutum*, (% Control)	*H. azteca*, (% Control)
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	Irrigation	8/12/2008					260		6.8											
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	Sediment	8/13/2008																		87
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	Irrigation	9/16/2008	6.70						6.5	1.3		0.120						0		
Unnamed Drain to Lone Tree Creek @ Wagner Rd	*Irrigation*	*9/16/2008*	*6.60*									*0.140*								
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	Irrigation	9/23/2008																65		
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	Irrigation	5/12/2009										0.032								
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	Irrigation	7/14/2009										0.660								
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	Irrigation	8/11/2009	6.28																	
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	Irrigation	9/15/2009										0.086						30		
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	Storm	1/13/2010	2.36																	
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	Irrigation	4/13/2010						5.5 (4.70)												
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	Irrigation	8/10/2010										0.039								
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	Irrigation	9/7/2010																		76
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	Fall	11/9/2010										0.052								
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	Fall	12/7/2010										0.068								
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	Winter	1/11/2011										0.02								
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	Winter	3/8/2011			718															33
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	Irrigation	5/24/2011						11 (5.95)												
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	Irrigation	7/26/2011										0.028								
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	Irrigation	10/14/2011																		46
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	Winter	2/14/2012												2.4						
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	Irrigation	5/16/2012	6.93																	
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	Irrigation	9/18/2012																		10
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	Storm	12/3/2012										0.019								

Site Name	Season	Sample Date	Dissolved Oxygen, <7 mg/L	pH, <6.5 and >8.5 units	Specific Conductivity, >700 µS/cm	Total Dissolved Solids, >450 mg/L	*E. coli*, >235 MPN/100 mL	Copper (Dissolved), Variable[1]	Copper (Total), Variable[2] or >1300 µg/L	Lead (Total), Variable[2] or >15 µg/L	Carbofuran, >0 µg/L	Chlorpyrifos, >0.015 µg/L	DDE (p,p'), >0.00059 µg/L	Diuron, >2 µg/L	Methidathion, >0.7 µg/L	Simazine, >4 µg/L	Thiobencarb, >0 µg/L	*C. dubia*, (% Control)	*S. capricornutum*, (% Control)	*H. azteca*, (% Control)
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	Winter	3/19/2013																		94
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	Irrigation	7/16/2013	6.85									0.041								
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	Irrigation	8/20/2013	5.85																	
Constituent Priority			**E**	**NP**	**E**	**E**	**E**	**C**	**C**	**E**	**NP**	**A/B**	**NP**	**C**	**NP**	**C[R]**	**NP***	**D[R]**	**D[R]**	**D**

[1] Metal WQTL variable; based on hardness; dissolved metals not analyzed until October 2008.
[2] Metal WQTL variable; based on hardness.
[R] – Removed from active management plan.
NP – Not Prioritized; less than two exceedances within three consecutive monitoring years and currently no TMDL.
NP* – Not Prioritized; thiobencarb is only applied to rice and therefore will be managed under the Rice Coalition.

Table IV-A. Grant Line Canal @ Clifton Court Rd site subwatershed exceedances (2005-2013).

The WQTLs used to evaluate the data are listed in the header after the analyte. Upstream sites are italicized.

Site Name	Season	Sample Date	Dissolved Oxygen, <7 mg/L	pH, <6.5 and >8.5 units	Specific Conductivity, >700 µS/cm	*E. coli*, >235 MPN/100 mL	Total Dissolved Solids, >450 mg/L	Ammonia, Variable[1] or >1.5 mg/L	Arsenic, >10 µg/L	Copper (Total), Variable[2] or >1300 µg/L	Lead (Total), Variable[2] or >15 µg/L	Nickel (Total), Variable[2] or >100 µg/L	Carbofuran, >0 µg/L	Chlorpyrifos, >0.015 µg/L	DDE (p,p'), >0.00059 µg/L	DDT (p,p'), >0.00059 µg/L	Dimethoate, >1 µg/L	*C. dubia*, (% Control)	*S. capricornutum*, (% Control)	*H. azteca*, (% Control)
Grant Line Canal @ Clifton Court Rd	Storm	2/16/2005	5.3		1743	240	1200													
Grant Line Canal @ Clifton Court Rd	Storm	3/21/2005	3.8		1715	240	1100							0.02						
Grant Line Canal @ Clifton Court Rd	Irrigation	5/17/2005			801		550													
Grant Line Canal @ Clifton Court Rd	Irrigation	6/21/2005	5.4																	
Grant Line Canal @ Clifton Court Rd	Irrigation	7/19/2005	6.4			1600														
Grant Line Canal @ Clifton Court Rd	Irrigation	8/16/2005	4.7			1600														
Grant Line Canal @ Clifton Court Rd	Irrigation	9/20/2005	3.8																	9
Grant Line Canal @ Clifton Court Rd	Storm	2/27/2006				500														
Grant Line Canal @ Clifton Court Rd	Storm	3/15/2006				500														
Grant Line Canal @ Clifton Court Rd	Storm	4/27/2006	1.1	6.11	1214															94
Grant Line Canal @ Clifton Court Rd	Irrigation	5/16/2006		6.48		2400														
Grant Line Canal @ Clifton Court Rd	Irrigation	6/20/2006	6.36			550	530		12	52 (9)	15 (3.02)	70 (50.4)								
Grant Line Canal @ Clifton Court Rd	Irrigation	7/18/2006	3.6			1600		1.8		31 (10.9)	7.2 (4.01)						11			
Grant Line Canal @ Clifton Court Rd	Irrigation	8/15/2006	2.5	6.42		920														
Grant Line Canal @ Clifton Court Rd	Irrigation	9/19/2006	2.1	5.99	814	360	600		35	100 (27.9)	35 (16.25)				0.014					
Grant Line Canal @ Clifton Court Rd	Storm	2/11/2007			1204	240	740							0.08						
Grant Line Canal @ Clifton Court Rd	Storm	2/28/2007		6.37	1099		700							0.018	0.008	0.01				
Grant Line Canal @ Clifton Court Rd	Storm	3/7/2007	4.21	6.3																
Grant Line Canal @ Clifton Court Rd	Irrigation	4/11/2007	3.56				480						0.09							
Grant Line Canal @ Clifton Court Rd	Irrigation	5/22/2007	5.77						20	24 (19)										
Grant Line Canal @ Clifton Court Rd	Irrigation	6/12/2007	4.09			2400														
Grant Line Canal @ Clifton Court Rd	Irrigation	6/20/2007	4		1011															
Grant Line Canal @ Clifton Court Rd	Irrigation	7/10/2007	0.14			2400			11	17 (14.7)										
Grant Line Canal @ Clifton Court Rd	Irrigation	8/7/2007			997	2400	590		14											
Grant Line Canal @ Clifton Court Rd	Irrigation	8/9/2007			810															
Grant Line Canal @ Clifton Court Rd	Irrigation	9/4/2007			838	1700	550		14					0.13						

Site Name	Season	Sample Date	Dissolved Oxygen, <7 mg/L	pH, <6.5 and >8.5 units	Specific Conductivity, >700 µS/cm	*E. coli*, >235 MPN/100 mL	Total Dissolved Solids, >450 mg/L	Ammonia, Variable[1] or >1.5 mg/L	Arsenic, >10 µg/L	Copper (Total), Variable[2] or >1300 µg/L	Lead (Total), Variable[2] or >15 µg/L	Nickel (Total), Variable[2] or >100 µg/L	Carbofuran, >0 µg/L	Chlorpyrifos, >0.015 µg/L	DDE (p,p'), >0.00059 µg/L	DDT (p,p'), >0.00059 µg/L	Dimethoate, >1 µg/L	*C. dubia*, (% Control)	*S. capricornutum*, (% Control)	*H. azteca*, (% Control)
Grant Line Canal @ Clifton Court Rd	Storm	1/23/2008	4.33		1483		1100							0.14				0	19	
Grant Line Canal @ Clifton Court Rd	Storm	1/30/2008	3.2		1625															
Grant Line Canal @ Clifton Court Rd	Storm	3/18/2008	5.97		1759															
Grant Line Canal @ Clifton Court Rd	Irrigation	4/15/2008	4.82		763	2000	490													
Grant Line Canal @ Clifton Court Rd	Irrigation	5/13/2008			821	260	880		17										3	
Grant Line Canal @ Clifton Court Rd	Irrigation	5/21/2008	1.15																	
Grant Line Canal @ Clifton Court Rd	Irrigation	6/10/2008	4.24		892	440	650													
Grant Line Canal @ Clifton Court Rd	Irrigation	7/15/2008			879		590		28											
Grant Line Canal @ Clifton Court Rd	Irrigation	8/12/2008							12	28 (18)										
Grant Line Canal @ Clifton Court Rd	Irrigation	9/16/2008		8.61	1099		620		14											
Grant Line Canal @ Clifton Court Rd	Irrigation	5/11/2010	6.23																11	
Grant Line Canal @ Clifton Court Rd	Irrigation	6/8/2010			1523															
Grant Line Canal @ Clifton Court Rd	Irrigation	7/13/2010	6.71																	
Grant Line Canal @ Clifton Court Rd	Irrigation	8/10/2010	6.37		1172															
Grant Line Canal @ Clifton Court Rd	Irrigation	9/7/2010	6.28		798									0.044						30
Grant Line Canal @ Clifton Court Rd	Winter	1/11/2011			844															
Grant Line Canal @ Clifton Court Rd	Winter	2/8/2011			1975															
Grant Line Canal @ Clifton Court Rd	Winter	3/8/2011			1972															80
Grant Line Canal @ Clifton Court Rd	Irrigation	5/24/2011			1932															
Grant Line Canal @ Clifton Court Rd	Irrigation	6/28/2011	1.26																	
Grant Line Canal @ Clifton Court Rd	Irrigation	7/26/2011	3.5		940															
Grant Line Canal @ Clifton Court Rd	Irrigation	8/23/2011	0.34																	
Grant Line Canal @ Clifton Court Rd	Irrigation	10/14/2011	3.72		1031															79
Grant Line Canal @ Clifton Court Rd	Winter	1/17/2012	6		1966															
Grant Line Canal @ Clifton Court Rd	Winter	2/14/2012			1742															
Grant Line Canal @ Clifton Court Rd	Storm	3/15/2012	4.92		2241															
Grant Line Canal @ Clifton Court Rd	Irrigation	5/16/2012	4.20		2230														57	
Grant Line Canal @ Clifton Court Rd	Irrigation	9/18/2012	3.2		728															4
Grant Line Canal @ Clifton Court Rd	Winter	2/21/2013			1890															

Site Name	Season	Sample Date	Dissolved Oxygen, <7 mg/L	pH, <6.5 and >8.5 units	Specific Conductivity, >700 µS/cm	*E. coli*, >235 MPN/100 mL	Total Dissolved Solids, >450 mg/L	Ammonia, Variable[1] or >1.5 mg/L	Arsenic, >10 µg/L	Copper (Total), Variable[2] or >1300 µg/L	Lead (Total), Variable[2] or >15 µg/L	Nickel (Total), Variable[2] or >100 µg/L	Carbofuran, >0 µg/L	Chlorpyrifos, >0.015 µg/L	DDE (p,p'), >0.00059 µg/L	DDT (p,p'), >0.00059 µg/L	Dimethoate, >1 µg/L	*C. dubia*, (% Control)	*S. capricornutum*, (% Control)	*H. azteca*, (% Control)
Grant Line Canal @ Clifton Court Rd	Winter	3/19/2013			903															36†
Grant Line Canal @ Clifton Court Rd	Irrigation	5/21/2013	1.4		909															
Grant Line Canal @ Clifton Court Rd	Irrigation	9/17/2013	5.83		2235															
Constituent Priority			**E**	**E[R]**	**E**	**E**	**E**	**NP**	**E**	**C[R]**	**E[R]**	**NP**	**NP**	**A/B**	**E**	**NP**	**NP**	**NP**	**D**	**D**

[1] Ammonia WQTL variable; based on pH and temperature.
[2] Metal WQTL variable; based on hardness.
[R] – Removed from active management plan.
NP – Not Prioritized; less than two exceedances within three consecutive monitoring years and currently no TMDL

Table V-A. Grant Line Canal near Calpack Rd site subwatershed exceedances (2005-2013).

The WQTLs used to evaluate the data are listed in the header after the analyte. Upstream sites are italicized.

Site Name	Season	Sample Date	Dissolved Oxygen, <7 mg/L	Specific Conductivity, >700 µS/cm	*E. coli*, >235 MPN/100 mL	Total Dissolved Solids, >450 mg/L	Ammonia, Variable[1] or >1.5 mg/L	Arsenic, >10 µg/L	Chlorpyrifos, >0.015 µg/L	DDE (p,p'), >0.00059 µg/L	Disulfoton, >0.05 µg/L	Diuron, >2 µg/L	Linuron, >1.4 µg/L	*C. dubia*, (% Control)	*S. capricornutum*, (% Control)	*H. azteca*, (% Control)
Grant Line Canal near Calpack Rd	Storm	2/16/2005		1412	240	930									7	
Grant Line Canal near Calpack Rd	Storm	2/23/2005	6.8	1834												
Grant Line Canal near Calpack Rd	Storm	3/21/2005		1970		1200			0.076					79		
Grant Line Canal near Calpack Rd	Storm	4/4/2005	4.8	2140												
Grant Line Canal near Calpack Rd	Irrigation	5/17/2005	6.3	847		550										44
Grant Line Canal near Calpack Rd	Irrigation	6/21/2005	5.1	835	1600	520										
Grant Line Canal near Calpack Rd	Irrigation	7/19/2005	4.8		500				0.053							71
Grant Line Canal near Calpack Rd	Irrigation	8/16/2005	3.8	1077	1600	670			0.15					5		
Grant Line Canal near Calpack Rd	Irrigation	8/23/2005	4.2	759												
Grant Line Canal near Calpack Rd	Irrigation	9/20/2005	2.9	1390	500	840										91
Grant Line Canal near Calpack Rd	Storm	2/27/2006		1910		1200										
Grant Line Canal near Calpack Rd	Storm	3/15/2006		1660		1100										
Grant Line Canal near Calpack Rd	Storm	4/27/2006	5	2220												21
Grant Line Canal near Calpack Rd	Irrigation	5/16/2006	1		2400			12	0.12					11		
Grant Line Canal near Calpack Rd	Irrigation	5/25/2006	4.1	806												
Grant Line Canal near Calpack Rd	Irrigation	6/20/2006	2.88	791	2400	530		16								
Grant Line Canal near Calpack Rd	Irrigation	7/18/2006	2.2	757	2000	590				0.006						
Grant Line Canal near Calpack Rd	Irrigation	8/15/2006	1.3	727	2400		4.1						1.6			
Grant Line Canal near Calpack Rd	Irrigation	9/19/2006	2.8		300											
Grant Line Canal near Calpack Rd	Storm	2/11/2007		1583	2000	1000										
Grant Line Canal near Calpack Rd	Storm	2/28/2007		1505		940										
Grant Line Canal near Calpack Rd	Storm	3/7/2007		1624												13
Grant Line Canal near Calpack Rd	Storm	3/29/2007		1200												5

Site Name	Season	Sample Date	Dissolved Oxygen, <7 mg/L	Specific Conductivity, >700 µS/cm	*E. coli*, >235 MPN/100 mL	Total Dissolved Solids, >450 mg/L	Ammonia, Variable[1] or >1.5 mg/L	Arsenic, >10 µg/L	Chlorpyrifos, >0.015 µg/L	DDE (p,p'), >0.00059 µg/L	Disulfoton, >0.05 µg/L	Diuron, >2 µg/L	Linuron, >1.4 µg/L	*C. dubia*, (% Control)	*S. capricornutum*, (% Control)	*H. azteca*, (% Control)
Grant Line Canal near Calpack Rd	Irrigation	4/11/2007	2.76	972	490	610									44	
Grant Line Canal near Calpack Rd	Irrigation	4/19/2007													89	
Grant Line Canal near Calpack Rd	Irrigation	5/22/2007	6.24	1222		750										
Grant Line Canal near Calpack Rd	Irrigation	6/12/2007	5.48	1209	980	790										
Grant Line Canal near Calpack Rd	Irrigation	7/10/2007	6.2	1289	550	790									79	
Grant Line Canal near Calpack Rd	Irrigation	7/17/2007	3	1123												
Grant Line Canal near Calpack Rd	Irrigation	7/30/2007	1.22	998												
Grant Line Canal near Calpack Rd	Irrigation	8/7/2007	3.42	956	980	630					0.083	2.8				
Grant Line Canal near Calpack Rd	Irrigation	8/9/2007	4.97	1174												
Grant Line Canal near Calpack Rd	Irrigation	8/28/2007	2.3	1654												
Grant Line Canal near Calpack Rd	Irrigation	9/4/2007	1.89	1225		810		12								
Grant Line Canal near Calpack Rd	Storm	1/23/2008	5.49	1736		1200									2	
Grant Line Canal near Calpack Rd	Storm	1/30/2008	5.34	1877											25	
Grant Line Canal near Calpack Rd	Sediment	3/18/2008		1891												
Grant Line Canal near Calpack Rd	Irrigation	4/15/2008	5.84	1205		800									12	
Grant Line Canal near Calpack Rd	Irrigation	4/23/2008	3.59	1112											52	
Grant Line Canal near Calpack Rd	Irrigation	5/13/2008		1733		1100									1	
Grant Line Canal near Calpack Rd	Irrigation	5/21/2008	4.95	1067											49	
Grant Line Canal near Calpack Rd	Irrigation	6/10/2008	3.33	1066	240	560										
Grant Line Canal near Calpack Rd	Irrigation	7/15/2008	3.8	927	>2400	530										
Grant Line Canal near Calpack Rd	Irrigation	8/12/2008	0.45	945	>2400	570										
Grant Line Canal near Calpack Rd	Sediment	8/13/2008	2.79	899												
Grant Line Canal near Calpack Rd	Irrigation	9/16/2008	0.47	1049	2400	680		11								
Grant Line Canal near Calpack Rd	Irrigation	4/13/2010		1713												
Grant Line Canal near Calpack Rd	Irrigation	5/11/2010	4.75	1357												

Site Name	Season	Sample Date	Dissolved Oxygen, <7 mg/L	Specific Conductivity, >700 µS/cm	*E. coli*, >235 MPN/100 mL	Total Dissolved Solids, >450 mg/L	Ammonia, Variable[1] or >1.5 mg/L	Arsenic, >10 µg/L	Chlorpyrifos, >0.015 µg/L	DDE (p,p'), >0.00059 µg/L	Disulfoton, >0.05 µg/L	Diuron, >2 µg/L	Linuron, >1.4 µg/L	*C. dubia*, (% Control)	*S. capricornutum*, (% Control)	*H. azteca*, (% Control)
Grant Line Canal near Calpack Rd	Irrigation	7/13/2010	6.55	934												
Grant Line Canal near Calpack Rd	Irrigation	8/10/2010	5.50	925												
Grant Line Canal near Calpack Rd	Irrigation	9/7/2010		1017												91
Grant Line Canal near Calpack Rd	Winter	1/11/2011		1574											53	
Grant Line Canal near Calpack Rd	Winter	2/8/2011		1435												
Grant Line Canal near Calpack Rd	Winter	3/8/2011		1586												
Grant Line Canal near Calpack Rd	Irrigation	4/12/2011		909												
Grant Line Canal near Calpack Rd	Irrigation	5/24/2011		1921												
Grant Line Canal near Calpack Rd	Irrigation	7/26/2011	6.00													
Grant Line Canal near Calpack Rd	Irrigation	9/20/2011		1177												
Grant Line Canal near Calpack Rd	Irrigation	10/14/2011	6.28	1325												86
Grant Line Canal near Calpack Rd	Winter	1/17/2012		877												
Grant Line Canal near Calpack Rd	Winter	2/14/2012	4.6	1475												
Grant Line Canal near Calpack Rd	Winter	3/15/2012	6.25	1278												
Grant Line Canal near Calpack Rd	Winter	4/12/2012	5.11													
Grant Line Canal near Calpack Rd	Irrigation	5/16/2012	3.35	1118												
Grant Line Canal near Calpack Rd	Irrigation	7/17/2012		858												
Grant Line Canal near Calpack Rd	Irrigation	8/21/2012	6.31	1037										60		
Grant Line Canal near Calpack Rd	Irrigation	9/18/2012	4.66	1264												0
Grant Line Canal near Calpack Rd	Winter	1/15/2013		1720											37	
Grant Line Canal near Calpack Rd	Winter	2/21/2013		1670												
Grant Line Canal near Calpack Rd	Winter	3/19/2013		1030												41†
Grant Line Canal near Calpack Rd	Storm	4/2/2013		1573												
Grant Line Canal near Calpack Rd	Irrigation	5/21/2013	3.66	1299												
Grant Line Canal near Calpack Rd	Irrigation	7/16/2013	4.85	961												

Site Name	Season	Sample Date	Dissolved Oxygen, <7 mg/L	Specific Conductivity, >700 µS/cm	*E. coli*, >235 MPN/100 mL	Total Dissolved Solids, >450 mg/L	Ammonia, Variable[1] or >1.5 mg/L	Arsenic, >10 µg/L	Chlorpyrifos, >0.015 µg/L	DDE (p,p'), >0.00059 µg/L	Disulfoton, >0.05 µg/L	Diuron, >2 µg/L	Linuron, >1.4 µg/L	*C. dubia*, (% Control)	*S. capricornutum*, (% Control)	*H. azteca*, (% Control)
Grant Line Canal near Calpack Rd	Irrigation	8/20/2013	3.06	917												
Grant Line Canal near Calpack Rd	Irrigation	9/17/2013	1.23	1096												
		Constituent Priority	**E**	**E**	**E**	**E**	**NP**	**E**	**A/B[R]**	**NP**	**NP**	**NP**	**NP**	**D**	**D**	**D**

[1] Ammonia WQTL variable; based on pH and temperature.
NP – Not Prioritized; less than two exceedances within three consecutive monitoring years and currently no TMDL.
[R] – Removed from active management plan.

Table VI-A. Littlejohns Creek @ Jack Tone Rd subwatershed exceedances (2004-2013).

The WQTLs used to evaluate the data are listed in the header after the analyte. Upstream sites are italicized.

Site Name	Season	Sample Date	Dissolved Oxygen, <7 mg/L	pH, <6.5 and >8.5 units	*E. coli*, >235 MPN/100 mL	Copper (Dissolved), Variable[1]	Copper (Total), Variable[2] or >1300 µg/L	Carbofuran, >0 µg/L	Chlorpyrifos, >0.015 µg/L	Diazinon, >0.1 µg/L	*P. promelas*, (% Control)	*S. capricornutum*, (% Control)	*H. azteca*, (% Control)
Littlejohns Creek @ Jack Tone Rd	Irrigation	8/24/2004										55	
Littlejohns Creek @ Jack Tone Rd	Irrigation	9/23/2004	6.7										
Littlejohns Creek @ Jack Tone Rd	Storm	2/16/2005			1600						70		
Littlejohns Creek @ Jack Tone Rd	Storm	3/1/2005		6.37									
Littlejohns Creek @ Jack Tone Rd	Storm	3/21/2005			900							85	
Littlejohns Creek @ Jack Tone Rd	Irrigation	5/17/2005			900								
Littlejohns Creek @ Jack Tone Rd	Irrigation	7/19/2005	6.6						0.017				
Littlejohns Creek @ Jack Tone Rd	Irrigation	9/20/2005	5.4		900								
Littlejohns Creek @ Jack Tone Rd	Storm	3/15/2006			1600								
Littlejohns Creek @ Jack Tone Rd	Irrigation	5/16/2006					4.4 (3.9)						
Littlejohns Creek @ Jack Tone Rd	Irrigation	6/20/2006	6.7										
Littlejohns Creek @ Jack Tone Rd	Irrigation	7/18/2006	3.1						0.027				
Littlejohns Creek @ Jack Tone Rd	Irrigation	9/19/2006	5.4										
Littlejohns Creek @ Jack Tone Rd	Storm	2/11/2007							0.029	0.11			
Littlejohns Creek @ Jack Tone Rd	Storm	2/28/2007			2400		11 (9)						
Littlejohns Creek @ Jack Tone Rd	Storm	3/6/2007											80
Littlejohns Creek @ Jack Tone Rd	Storm	3/29/2007											88
Littlejohns Creek @ Jack Tone Rd	Irrigation	6/12/2007					3.6 (3.3)						
Littlejohns Creek @ Jack Tone Rd	Irrigation	7/10/2007	6.85									71	
Littlejohns Creek @ Jack Tone Rd	Irrigation	7/17/2007	6.6										
Littlejohns Creek @ Jack Tone Rd	Irrigation	7/30/2007							0.018				
Littlejohns Creek @ Jack Tone Rd	Irrigation	8/28/2007	5.85										
Littlejohns Creek @ Jack Tone Rd	Irrigation	9/4/2007	5.72										
Littlejohns Creek @ Jack Tone Rd	Irrigation	4/15/2008							0.034			6	

Site Name	Season	Sample Date	Dissolved Oxygen, <7 mg/L	pH, <6.5 and >8.5 units	*E. coli*, >235 MPN/100 mL	Copper (Dissolved), Variable[1]	Copper (Total), Variable[2] or >1300 µg/L	Carbofuran, >0 µg/L	Chlorpyrifos, >0.015 µg/L	Diazinon, >0.1 µg/L	*P. promelas*, (% Control)	*S. capricornutum*, (% Control)	*H. azteca*, (% Control)
Littlejohns Creek @ Jack Tone Rd	Irrigation	4/23/2008										44	
Littlejohns Creek @ Jack Tone Rd	Irrigation	5/13/2008	6.7				4.2 (4.1)	0.41					
Littlejohns Creek @ 26 Mile Rd	*Irrigation*	*5/13/2008*	*4.54*	*6.32*									
Littlejohns Creek @ Jack Tone Rd	Irrigation	6/10/2008							0.077				
Littlejohns Creek @ Jack Tone Rd	Irrigation	7/15/2008							0.025				
Littlejohns Creek @ 26 Mile Rd	*Irrigation*	*7/15/2008*	*5.50*										
Littlejohns Creek @ Jack Tone Rd	Sediment	8/13/2008	6.19										
Littlejohns Creek @ 26 Mile Rd	*Irrigation*	*8/12/2008*	*6.45*										
Littlejohns Creek @ Jack Tone Rd	Irrigation	9/16/2008	6.34				4.2 (3.5)						
Littlejohns Creek @ 26 Mile Rd	*Irrigation*	*9/16/2008*	*3.65*										
Littlejohns Creek @ Jack Tone Rd	Irrigation	5/11/2010				1.7 (1.46)							
Littlejohns Creek @ Jack Tone Rd	Irrigation	7/13/2010	6.53										
Littlejohns Creek @ Jack Tone Rd	Irrigation	8/10/2010	6.25										
Littlejohns Creek @ Jack Tone Rd	Irrigation	9/7/2010	5.50										
Littlejohns Creek @ Jack Tone Rd	Irrigation	10/12/2010	6.00										
Littlejohns Creek @ Jack Tone Rd	Fall	11/9/2010							0.04				
Littlejohns Creek @ Jack Tone Rd	Winter	2/8/2011		8.96									
Littlejohns Creek @ Jack Tone Rd	Irrigation	5/24/2011				1.7 (1.03)							
Littlejohns Creek @ Jack Tone Rd	Irrigation	7/26/2011	6.78										
Littlejohns Creek @ Jack Tone Rd	Irrigation	8/23/2011	5.20										
Littlejohns Creek @ Jack Tone Rd	Irrigation	9/20/2011	6.17										
Littlejohns Creek @ Jack Tone Rd	Fall	11/15/2011							0.022				
Littlejohns Creek @ Jack Tone Rd	Irrigation	5/16/2012	6.02										
Littlejohns Creek @ Jack Tone Rd	Irrigation	7/17/2012	6.80										
Littlejohns Creek @ Jack Tone Rd	Irrigation	8/21/2012	5.67										
Littlejohns Creek @ Jack Tone Rd	Irrigation	9/18/2012	4.52										
Littlejohns Creek @ Jack Tone Rd	Fall	11/6/2012	5.55										

Site Name	Season	Sample Date	Dissolved Oxygen, <7 mg/L	pH, <6.5 and >8.5 units	*E. coli*, >235 MPN/100 mL	Copper (Dissolved), Variable[1]	Copper (Total), Variable[2] or >1300 µg/L	Carbofuran, >0 µg/L	Chlorpyrifos, >0.015 µg/L	Diazinon, >0.1 µg/L	*P. promelas*, (% Control)	*S. capricornutum*, (% Control)	*H. azteca*, (% Control)
Littlejohns Creek @ Jack Tone Rd	Irrigation	5/21/2013	5.77										
Littlejohns Creek @ Jack Tone Rd	Irrigation	6/18/2013	3.73										
Littlejohns Creek @ Jack Tone Rd	Irrigation	7/16/2013	4.45										
Littlejohns Creek @ Jack Tone Rd	Irrigation	9/17/2013	3.28										
		Constituent Priority	**E**	**E**	**E**	**C**	**C**	**NP**	**A/B**	**A/B[R]**	**NP**	**D[R]**	**NP[T]**

[1] Metal WQTL variable; based on hardness; dissolved metals not analyzed until October 2008.
[2] Metal WQTL variable; based on hardness.
NP – Not Prioritized; less than two exceedances within three consecutive monitoring years and currently no TMDL.
NP[T] – Not prioritized; both toxic samples were from the same sampling event (sample and resample to test for persistence).
[R] – Removed from active management plan.

Table VII-A. French Camp Slough @ Airport Way site subwatershed exceedances (2005-2013).

The WQTLs used to evaluate the data are listed in the header after the analyte.

Site Name	Season	Sample Date	Dissolved Oxygen, <7 mg/L	pH, <6.5 and >8.5 units	*E. coli*, >235 MPN/100 mL	Copper (Total), Variable[1] or >1300 µg/L	Lead (Total), Variable[1] or >15 µg/L	Azinphos methyl, >0.01 µg/L	Carbofuran, >0 µg/L	Chlorpyrifos, >0.015 µg/L	Diazinon, >0.1 µg/L	Dieldrin, >0.00014 µg/L	Dimethoate, >1.0 µg/L	Diuron, >2 µg/L	Methidathion, >0.7 µg/L	Thiobencarb, >0 µg/L	*C. dubia*, (% Control)	*S. capricornutum*, (% Control)	*H. azteca*, (% Control)
French Camp Slough @ Airport Way	Storm	2/16/2005			1600													78	
French Camp Slough @ Airport Way	Irrigation	5/17/2005		9.02	500														
French Camp Slough @ Airport Way	Irrigation	6/21/2005			300														
French Camp Slough @ Airport Way	Irrigation	7/19/2005	6.00		1600					0.033									
French Camp Slough @ Airport Way	Irrigation	8/16/2005	5.80		1600					0.043									
French Camp Slough @ Airport Way	Irrigation	9/20/2005	4.80		300														
French Camp Slough @ Airport Way	Storm	2/27/2006								0.037									
French Camp Slough @ Airport Way	Storm	3/15/2006			1600												0		
French Camp Slough @ Airport Way	Storm	4/27/2006																	94
French Camp Slough @ Airport Way	Irrigation	5/16/2006			340	8.4 (4.8)	1.5												
French Camp Slough @ Airport Way	Irrigation	6/20/2006	6.80		550	6.6 (6)		0.13											
French Camp Slough @ Airport Way	Irrigation	7/18/2006	6.10		1200	7 (6.2)				0.027									
French Camp Slough @ Airport Way	Irrigation	8/15/2006	6.80		920	8 (6.2)													
French Camp Slough @ Airport Way	Storm	2/11/2007	0.91		2400	30 (14.7)				0.049	0.11			3.2	1.4		0		
French Camp Slough @ Airport Way	Storm	2/28/2007			2400	11 (10.1)													
French Camp Slough @ Airport Way	Irrigation	5/22/2007			310	5.9 (5.3)										0.18			
French Camp Slough @ Airport Way	Irrigation	6/12/2007				5.9 (4.6)	1.2									0.16			
French Camp Slough @ Airport Way	Irrigation	6/20/2007				6.7 (5.7)													
French Camp Slough @ Airport Way	Irrigation	7/10/2007				5.4 (5.3)						0.0053							
French Camp Slough @ Airport Way	Irrigation	7/30/2007				6.9 (5.2)													
French Camp Slough @ Airport Way	Irrigation	8/7/2007			260														
French Camp Slough @ Airport Way	Irrigation	8/9/2007																	34
French Camp Slough @ Airport Way	Irrigation	8/28/2007				5.9 (5.3)													
French Camp Slough @ Airport Way	Irrigation	9/4/2007			290														
French Camp Slough @ Airport Way	Storm	1/23/2008			390						0.12			3.3					

Site Name	Season	Sample Date	Dissolved Oxygen, <7 mg/L	pH, <6.5 and >8.5 units	*E. coli*, >235 MPN/100 mL	Copper (Total), Variable[1] or >1300 µg/L	Lead (Total), Variable[1] or >15 µg/L	Azinphos methyl, >0.01 µg/L	Carbofuran, >0 µg/L	Chlorpyrifos, >0.015 µg/L	Diazinon, >0.1 µg/L	Dieldrin, >0.00014 µg/L	Dimethoate, >1.0 µg/L	Diuron, >2 µg/L	Methidathion, >0.7 µg/L	Thiobencarb, >0 µg/L	*C. dubia*, (% Control)	*S. capricornutum*, (% Control)	*H. azteca*, (% Control)
French Camp Slough @ Airport Way	Sediment	3/18/2008																	94
French Camp Slough @ Airport Way	Irrigation	4/15/2008			290													22	
French Camp Slough @ Airport Way	Irrigation	5/13/2008	5.83	5.95	280				0.2	0.4									
French Camp Slough @ Airport Way	Irrigation	6/10/2008																	
French Camp Slough @ Airport Way	Irrigation	7/15/2008			240							0.0083	2						
French Camp Slough @ Airport Way	Irrigation	8/12/2008								0.022									
French Camp Slough @ Airport Way	Sediment	8/13/2008	6.27																
French Camp Slough @ Airport Way	Irrigation	9/16/2008	6.51							0.039									
French Camp Slough @ Airport Way	Fall	10/14/2008		4.01															
French Camp Slough @ Airport Way	Fall	11/4/2008	5.05																
French Camp Slough @ Airport Way	Winter	1/13/2009	6.42																
French Camp Slough @ Airport Way	Irrigation	7/14/2009			240														
French Camp Slough @ Airport Way	Irrigation	8/11/2009	5.66																
French Camp Slough @ Airport Way	Fall	10/6/2009								0.029									
French Camp Slough @ Airport Way	Storm	1/13/2010	2.11																
French Camp Slough @ Airport Way	Winter	2/9/2010			1300														
French Camp Slough @ Airport Way	Irrigation	4/13/2010			>2400														
French Camp Slough @ Airport Way	Irrigation	5/11/2010			360														
French Camp Slough @ Airport Way	Irrigation	6/8/2010			270														
French Camp Slough @ Airport Way	Irrigation	8/10/2010								0.022									
French Camp Slough @ Airport Way	Irrigation	9/7/2010			550														1
French Camp Slough @ Airport Way	Fall	11/9/2010	6.36																
French Camp Slough @ Airport Way	Winter	1/13/2011		4.63															
French Camp Slough @ Airport Way	Winter	2/8/2011		9.28															
French Camp Slough @ Airport Way	Winter	3/8/2011			>2400														
French Camp Slough @ Airport Way	Irrigation	4/12/2011			650					0.033									
French Camp Slough @ Airport Way	Irrigation	5/24/2011			390														

Site Name	Season	Sample Date	Dissolved Oxygen, <7 mg/L	pH, <6.5 and >8.5 units	*E. coli*, >235 MPN/100 mL	Copper (Total), Variable[1] or >1300 µg/L	Lead (Total), Variable[1] or >15 µg/L	Azinphos methyl, >0.01 µg/L	Carbofuran, >0 µg/L	Chlorpyrifos, >0.015 µg/L	Diazinon, >0.1 µg/L	Dieldrin, >0.00014 µg/L	Dimethoate, >1.0 µg/L	Diuron, >2 µg/L	Methidathion, >0.7 µg/L	Thiobencarb, >0 µg/L	*C. dubia*, (% Control)	*S. capricornutum*, (% Control)	*H. azteca*, (% Control)
French Camp Slough @ Airport Way	Irrigation	8/23/2011			440														
French Camp Slough @ Airport Way	Storm	10/6/2011			>2400					0.097									
French Camp Slough @ Airport Way	Irrigation	10/14/2011																	86
French Camp Slough @ Airport Way	Fall	11/15/2011		9.16															
French Camp Slough @ Airport Way	Winter	2/14/2012		8.78															
French Camp Slough @ Airport Way	Storm	4/12/2012			>2400														
French Camp Slough @ Airport Way	Irrigation	5/16/2012			440														
French Camp Slough @ Airport Way	Irrigation	6/19/2012			250														
French Camp Slough @ Airport Way	Irrigation	7/17/2012			320														
French Camp Slough @ Airport Way	Irrigation	8/21/2012	6.84																
French Camp Slough @ Airport Way	Fall	11/6/2012	5.9																
French Camp Slough @ Airport Way	Storm	12/3/2012			>2400														
French Camp Slough @ Airport Way	Irrigation	7/16/2013	6.95							0.042									
French Camp Slough @ Airport Way	Irrigation	8/20/2013	5.71																
French Camp Slough @ Airport Way	Fall	10/8/2013			344.8														
		Constituent Priority	**E**	**E**	**E**	**C[R]**	**E[R]**	**NP**	**NP**	**A/B**	**A/B[R]**	**E[R]**	**NP**	**C[R]**	**NP**	**NP***	**D[R]**	**D[R]**	**D**

[1] Metal WQTL variable; based on hardness.
[R] – Removed from active management plan.
NP – Not Prioritized; less than two exceedances within three consecutive monitoring years and currently no TMDL.
NP* – Not Prioritized; thiobencarb is only applied to rice and therefore will be managed under the Rice Coalition

Table VIII-A. Mokelumne River @ Bruella Rd subwatershed exceedances (2004-2013).

The WQTLs used to evaluate the data are listed in the header after the analyte. Upstream sites are italicized.

Site Name	Season	Sample Date	Dissolved Oxygen, <7 mg/L	pH, <6.5 and >8.5 units	*E. coli*, >235 MPN/100 mL	Copper (Total), Variable[1] or >1300 µg/L	DDT (p,p'), >0.00059 µg/L[2]	*C. dubia*, (% Control)	*S. capricornutum*, (% Control)
Mokelumne River @ Bruella Rd	Irrigation	8/24/2004							51
Mokelumne River @ Bruella Rd	Irrigation	9/23/2004						5	
Mokelumne River @ Bruella Rd	Storm	3/21/2005						37	84
Mokelumne River @ Bruella Rd	Irrigation	5/17/2005							92
Mokelumne River @ Bruella Rd	Irrigation	6/21/2005	5.10					37	
Mokelumne River @ Bruella Rd	Irrigation	7/19/2005	6.60						
Mokelumne River @ Fish Hatchery	*Irrigation*	*9/20/2005*	*5.50*						
Mokelumne River @ Bruella Rd	Storm	2/27/2006						5	
Mokelumne River @ Bruella Rd	Storm RS	3/10/2006						5	
Mokelumne River @ Bruella Rd	Irrigation	5/16/2006	6.90	6.48					
Mokelumne River @ Bruella Rd	Irrigation	6/20/2006	6.70						
Mokelumne River @ Bruella Rd	Irrigation	8/15/2006		6.33					
Mokelumne River @ Bruella Rd	Irrigation	4/10/2007		8.52					
Mokelumne River @ Bruella Rd	Irrigation	6/12/2007				1.8 (1.7)			
Mokelumne River @ Bruella Rd	Irrigation	7/10/2007				4.7 (1.9)			57
Mokelumne River @ Bruella Rd	Irrigation	8/7/2007				2.4 (1.9)			
Mokelumne River @ Bruella Rd	Irrigation	4/15/2008			390				44
Mokelumne River @ Bruella Rd	Irrigation RS	4/23/2008							19
Mokelumne River @ Bruella Rd	Irrigation	5/7/2008							10
Mokelumne River @ Bruella Rd	Irrigation RS	5/13/2008							27
Mokelumne River @ Bruella Rd	Irrigation RS	5/21/2008							73
Mokelumne River @ Bruella Rd	Irrigation	7/8/2008							82
Mokelumne River @ Bruella Rd	Irrigation	8/11/2009					0.015		

Site Name	Season	Sample Date	Dissolved Oxygen, <7 mg/L	pH, <6.5 and >8.5 units	*E. coli*, >235 MPN/100 mL	Copper (Total), Variable[1] or >1300 µg/L	DDT (p,p'), >0.00059 µg/L[2]	*C. dubia*, (% Control)	*S. capricornutum*, (% Control)
Mokelumne River @ Bruella Rd	Irrigation	9/15/2009	6.95	5.09					
Mokelumne River @ Bruella Rd	Fall	10/6/2009			1100				
Mokelumne River @ Bruella Rd	Fall	11/10/2009		6.06					
Mokelumne River @ Bruella Rd	Winter	2/9/2010		6.08					
Mokelumne River @ Bruella Rd	Irrigation	4/12/2011		8.80					
Mokelumne River @ Bruella Rd	Irrigation	5/24/2011		6.23					
Mokelumne River @ Bruella Rd	Irrigation	9/20/2011		6.17	240				
Mokelumne River @ Bruella Rd	Storm	10/6/2011			550				
Mokelumne River @ Bruella Rd	Winter	2/14/2012		8.7					
Mokelumne River @ Bruella Rd	Storm	12/3/2012			>2400				
Mokelumne River @ Bruella Rd	Winter	3/19/2013		8.80					
Mokelumne River @ Bruella Rd	Fall	10/8/2013			517.2				
		Constituent Priority	**E[R]**	**E**	**E**	**C[R]**	**NP**	**E[R]**	**D[R]**

[1] Metal WQTL variable; based on hardness.

[2] A field blank exceedance of DDT on 6/20/2006 was incorrectly reported in previous MPURs, this table has been updated to exclude the field blank exceedance because it is not representative of the water quality in Mokelumne River.

NP – Not Prioritized; less than two exceedances within three consecutive monitoring years and currently no TMDL.

RS – Resample

[R] – Removed from active management plan.

Table IX-A. Terminous Tract Drain @ Hwy 12 subwatershed exceedances (2005-2013).

The WQTLs used to evaluate the data are listed in the header after the analyte. Upstream sites are italicized.

Site Name	Season	Sample Date	Dissolved Oxygen, <7 mg/L	pH, <6.5 and >8.5 units	Specific Conductivity, >700 µS/cm	Total Dissolved Solids, >450 mg/L	Nitrate + Nitrite, >10 mg/L	*E. coli*, >235 MPN/100 mL	Arsenic, >10 µg/L	Chlorpyrifos, >0.015 µg/L	DDT (p,p') >0.00059 µg/L	Malathion, >0 µg/L	*P. promelas*, (% Control)	*S. capricornutum*, (% Control)	*H. azteca*, (% Control)
Delta Drain- Terminous Tract off Glasscock Rd	*Storm*	*2/16/2005*	*5.1*			*470*		*1600*							
Delta Drain- Terminous Tract off Guard Rd	*Storm*	*2/16/2005*	*6.8*		*1189*	*670*		*900*							
Terminous Tract Drain @ Hwy 12	Storm	2/16/2005			950	580		1600						19	
Terminous Tract Drain @ Hwy 12	Storm	2/23/2005			1868										
Delta Drain- Terminous Tract off Glasscock Rd	*Storm*	*3/21/2005*	*6*		*848*	*540*									
Delta Drain- Terminous Tract off Guard Rd	*Storm*	*3/21/2005*			*1408*	*830*									
Terminous Tract Drain @ Hwy 12	Storm	3/21/2005	6.3		1705	1000									
Terminous Tract Drain @ Hwy 12	Storm	4/4/2005			1742										
Delta Drain- Terminous Tract off Glasscock Rd	*Irrigation*	*5/17/2005*	*5.4*					*240*							
Delta Drain- Terminous Tract off Guard Rd	*Irrigation*	*5/17/2005*	*5.3*		*1088*	*660*									
Terminous Tract Drain @ Hwy 12	Irrigation	5/17/2005						240							
Delta Drain- Terminous Tract off Guard Rd	*Irrigation*	*6/21/2005*	*4.6*		*1099*	*610*									
Terminous Tract Drain @ Hwy 12	Irrigation	6/21/2005	5.2												
Delta Drain- Terminous Tract off Glasscock Rd	*Irrigation*	*7/19/2005*	*3.4*												
Delta Drain- Terminous Tract off Guard Rd	*Irrigation*	*7/19/2005*	*2.7*		*809*	*480*									
Terminous Tract Drain @ Hwy 12	Irrigation	7/19/2005	3.7												
Delta Drain- Terminous Tract off Glasscock Rd	*Irrigation*	*8/16/2005*	*6*					*280*							
Delta Drain- Terminous Tract off Guard Rd	*Irrigation*	*8/16/2005*	*4.7*		*701*										
Terminous Tract Drain @ Hwy 12	Irrigation	8/16/2005	4.9												
Delta Drain- Terminous Tract off Glasscock Rd	*Irrigation*	*9/20/2005*	*4.8*										*90*		*90*
Terminous Tract Drain @ Hwy 12	Irrigation	9/20/2005											88		
Delta Drain- Terminous Tract off Glasscock Rd	*Storm*	*2/27/2006*			*1030*	*620*		*500*							
Delta Drain- Terminous Tract off Guard Rd	*Storm*	*2/27/2006*	*6.2*		*1126*	*670*		*240*						*14*	
Terminous Tract Drain @ Hwy 12	Storm	2/27/2006			1781	950		1600							
Delta Drain- Terminous Tract off Guard Rd	*Storm*	*3/10/2006*			*1090*										

Site Name	Season	Sample Date	Dissolved Oxygen, <7 mg/L	pH, <6.5 and >8.5 units	Specific Conductivity, >700 µS/cm	Total Dissolved Solids, >450 mg/L	Nitrate + Nitrite, >10 mg/L	*E. coli*, >235 MPN/100 mL	Arsenic, >10 µg/L	Chlorpyrifos, >0.015 µg/L	DDT (p,p') >0.00059 µg/L	Malathion, >0 µg/L	*P. promelas*, (% Control)	*S. capricornutum*, (% Control)	*H. azteca*, (% Control)
Delta Drain- Terminous Tract off Glasscock Rd	*Storm*	*3/15/2006*			*1091*	*650*									
Delta Drain- Terminous Tract off Guard Rd	*Storm*	*3/15/2006*			*1119*	*650*									
Terminous Tract Drain @ Hwy 12	Storm	3/15/2006			1720	970									
Delta Drain- Terminous Tract off Glasscock Rd	*Storm*	*4/27/2006*	*5.9*		*754*										*94*
Delta Drain- Terminous Tract off Guard Rd	*Storm*	*4/27/2006*	*5.2*		*1236*										*93*
Terminous Tract Drain @ Hwy 12	Storm	4/27/2006	6.7		1325										
Terminous Tract Drain @ Hwy 12	Irrigation	5/16/2006	4.6					690	11						
Terminous Tract Drain @ Hwy 12	Irrigation	6/20/2006	4.26			1200		580							
Terminous Tract Drain @ Hwy 12	Irrigation	7/18/2006	2.7												
Terminous Tract Drain @ Hwy 12	Irrigation	8/15/2006	3.6												
Terminous Tract Drain @ Hwy 12	Irrigation	9/19/2006	4.1												
Terminous Tract Drain @ Hwy 12	Storm	2/11/2007	5.24		873	570		370	11			0.05			
Terminous Tract Drain @ Hwy 12	Storm	2/28/2007			1469	840			12						
Terminous Tract Drain @ Hwy 12	Storm	3/6/2007	6.66		1665										
Terminous Tract Drain @ Hwy 12	Irrigation	5/22/2007	6.58												
Terminous Tract Drain @ Hwy 12	Irrigation	6/12/2007	5.55												
Terminous Tract Drain @ Hwy 12	Irrigation	7/10/2007	4.58												
Terminous Tract Drain @ Hwy 12	Irrigation	8/7/2007	5.58					240							
Terminous Tract Drain @ Hwy 12	Irrigation	8/9/2007	4.8												
Terminous Tract Drain @ Hwy 12	Irrigation	9/4/2007	6.7					330							
Terminous Tract Drain @ Hwy 12	Storm	1/23/2008			1454	940			11					8	
Terminous Tract Drain @ Hwy 12	Storm RS	1/30/2008			1479										
Terminous Tract Drain @ Hwy 12	Irrigation	4/15/2008			727									51	
Terminous Tract Drain @ Hwy 12	Irrigation RS	4/23/2008			737										
Terminous Tract Drain @ Hwy 12	Irrigation	5/13/2008	6.96		1003	550								50	
Terminous Tract Drain @ Hwy 12	Irrigation RS	5/21/2008			1010										
Terminous Tract Drain @ Hwy 12	Irrigation	6/10/2008	5.08		751	470									

Site Name	Season	Sample Date	Dissolved Oxygen, <7 mg/L	pH, <6.5 and >8.5 units	Specific Conductivity, >700 µS/cm	Total Dissolved Solids, >450 mg/L	Nitrate + Nitrite, >10 mg/L	*E. coli*, >235 MPN/100 mL	Arsenic, >10 µg/L	Chlorpyrifos, >0.015 µg/L	DDT (p,p') >0.00059 µg/L	Malathion, >0 µg/L	*P. promelas*, (% Control)	*S. capricornutum*, (% Control)	*H. azteca*, (% Control)
Terminous Tract Drain @ Hwy 12	Irrigation	7/15/2008	4.45								0.008				
Terminous Tract Drain @ Hwy 12	Irrigation	8/12/2008	2.56							0.021					
Terminous Tract Drain @ Hwy 12	Irrigation	9/16/2008	4.71		858	540			11	0.02					
Terminous Tract Drain @ Hwy 12	Fall	10/14/2008			1047	620									
Terminous Tract Drain @ Hwy 12	Fall	11/4/2008			1103	700									
Terminous Tract Drain @ Hwy 12	Winter	1/13/2009			1010	600									
Terminous Tract Drain @ Hwy 12	Winter	2/10/2009			1701	990									
Terminous Tract Drain @ Hwy 12	Winter	3/10/2009		6.31	1898	1200									
Terminous Tract Drain @ Hwy 12	Irrigation	4/14/2009	6.16		878	510									
Terminous Tract Drain @ Hwy 12	Irrigation	5/12/2009	6.55												
Terminous Tract Drain @ Hwy 12	Irrigation	6/9/2009	6.34												
Terminous Tract Drain @ Hwy 12	Irrigation	7/14/2009	4.49												
Terminous Tract Drain @ Hwy 12	Irrigation	8/11/2009	4.49					290							
Terminous Tract Drain @ Hwy 12	Fall	10/6/2009	6.94												
Terminous Tract Drain @ Hwy 12	Fall	11/10/2009			753										
Terminous Tract Drain @ Hwy 12	Fall	12/8/2009			1378	770									
Terminous Tract Drain @ Hwy 12	Storm	1/13/2010	6.69		1242	710									
Terminous Tract Drain @ Hwy 12	Winter	2/9/2010			1434	800									
Terminous Tract Drain @ Hwy 12	Winter	3/16/2010			1960	1100									
Terminous Tract Drain @ Hwy 12	Irrigation	4/13/2010	6.45		1590	850			13						
Terminous Tract Drain @ Hwy 12	Irrigation	6/8/2010	6.7												
Terminous Tract Drain @ Hwy 12	Irrigation	7/13/2010	5.83												
Terminous Tract Drain @ Hwy 12	Irrigation	8/10/2010	5.52												
Terminous Tract Drain @ Hwy 12	Irrigation	9/7/2010	5.55					2000	11						45
Terminous Tract Drain @ Hwy 12	Fall	11/9/2010			991	540									
Terminous Tract Drain @ Hwy 12	Fall	12/7/2010	6.21		1151	730									
Terminous Tract Drain @ Hwy 12	Winter	1/11/2011			1963	1100									

Site Name	Season	Sample Date	Dissolved Oxygen, <7 mg/L	pH, <6.5 and >8.5 units	Specific Conductivity, >700 µS/cm	Total Dissolved Solids, >450 mg/L	Nitrate + Nitrite, >10 mg/L	*E. coli*, >235 MPN/100 mL	Arsenic, >10 µg/L	Chlorpyrifos, >0.015 µg/L	DDT (p,p') >0.00059 µg/L	Malathion, >0 µg/L	*P. promelas*, (% Control)	*S. capricornutum*, (% Control)	*H. azteca*, (% Control)
Terminous Tract Drain @ Hwy 12	Winter	2/8/2011			1345	840									
Terminous Tract Drain @ Hwy 12	Winter	3/8/2011	6.85		1836	1000									
Terminous Tract Drain @ Hwy 12	Irrigation	4/12/2011			1172	630									
Terminous Tract Drain @ Hwy 12	Irrigation	5/24/2011	6.94		842	460									
Terminous Tract Drain @ Hwy 12	Irrigation	6/28/2011	4.68												
Terminous Tract Drain @ Hwy 12	Irrigation	7/26/2011	4.42												
Terminous Tract Drain @ Hwy 12	Irrigation	7/28/2011	4.92												
Terminous Tract Drain @ Hwy 12	Irrigation	8/23/2011	4.77					290							
Terminous Tract Drain @ Hwy 12	Irrigation	9/20/2011	3.59					270		0.082					
Terminous Tract Drain @ Hwy 12	Storm	10/6/2011	6.70		854	510									
Terminous Tract Drain @ Hwy 12	Irrigation	10/14/2011	6.14		757										
Terminous Tract Drain @ Hwy 12	Fall	11/15/2011				650									
Terminous Tract Drain @ Hwy 12	Fall	12/13/2011			705.5										
Terminous Tract Drain @ Hwy 12	Winter	1/17/2012			767.7	530									
Terminous Tract Drain @ Hwy 12	Winter	2/14/2012			1405	820									
Terminous Tract Drain @ Hwy 12	Storm	3/15/2012	4.4		1309	900									
Terminous Tract Drain @ Hwy 12	Storm	4/12/2012			997	640									
Terminous Tract Drain @ Hwy 12	Irrigation	5/16/2012	3.61												
Terminous Tract Drain @ Hwy 12	Irrigation	6/19/2012	4.08												
Terminous Tract Drain @ Hwy 12	Irrigation	7/17/2012	3.77												
Terminous Tract Drain @ Hwy 12	Irrigation	8/21/2012	5.26					280							
Terminous Tract Drain @ Hwy 12	Irrigation	9/18/2012	6.06												
Terminous Tract Drain @ Hwy 12	Fall	10/16/2012	5.32												
Terminous Tract Drain @ Hwy 12	Fall	11/6/2012	5.73		1476	980									
Terminous Tract Drain @ Hwy 12	Storm	12/3/2012	4.17		824	580	13	>2400							
Terminous Tract Drain @ Hwy 12	Winter	1/15/2013			1246	830									
Terminous Tract Drain @ Hwy 12	Winter	2/21/2013			1597	1200									

Site Name	Season	Sample Date	Dissolved Oxygen, <7 mg/L	pH, <6.5 and >8.5 units	Specific Conductivity, >700 µS/cm	Total Dissolved Solids, >450 mg/L	Nitrate + Nitrite, >10 mg/L	*E. coli*, >235 MPN/100 mL	Arsenic, >10 µg/L	Chlorpyrifos, >0.015 µg/L	DDT (p,p') >0.00059 µg/L	Malathion, >0 µg/L	*P. promelas*, (% Control)	*S. capricornutum*, (% Control)	*H. azteca*, (% Control)
Terminous Tract Drain @ Hwy 12	Winter	3/19/2013	4.96		1213	810			15						
Terminous Tract Drain @ Hwy 12	Storm	4/2/2013	6.61												
Terminous Tract Drain @ Hwy 12	Irrigation	5/21/2013	5.17												
Terminous Tract Drain @ Hwy 12	Irrigation	6/18/2013	4.98												
Terminous Tract Drain @ Hwy 12	Irrigation	7/16/2013	6.77												
Terminous Tract Drain @ Hwy 12	Irrigation	8/20/2013	5.18												
Terminous Tract Drain @ Hwy 12	Irrigation	9/17/2013	6.12					325.5							48
Terminous Tract Drain @ Hwy 12	Fall	11/19/2013			780	510									
		Constituent Priority	**E**	**NP**	**E**	**E**	**NP**	**E**	**E**	**A/B**	**NP**	**NP**	**E[R]**	**E[R]**	**D**

NP – Not Prioritized; less than two exceedances within three consecutive monitoring years and currently no TMDL.
RS – Resample
[R] – Removed from active management plan.

Table X-A. Kellogg Creek along Hoffman Ln subwatershed exceedances (2005-2013).

The WQTLs used to evaluate the data are listed in the header after the analyte. Original downstream sample site is italicized.

Site Name	Season	Sample Date	Dissolved Oxygen, <7 mg/L	pH, <6.5 and >8.5 units	Specific Conductivity, >700 µS/cm	Total Dissolved Solids, >450 mg/L	Nitrate as N, >10 mg/L	*E. coli*, >235 MPN/100 mL	Copper (Total), Variable[1] or >1300 µg/L	Chlorpyrifos, >0.015 µg/L	DDE (p,p'), >0.00059 µg/L	DDT (p,p'), >0.00059 µg/L	Permethrin, total, >0.03 µg/L	*C. dubia*, (% Control)	*P. promelas*, (% Control)	*S. capricornutum*, (% Control)	*H. azteca*, (% Control)
Kellogg Creek @ Hwy 4	*Storm*	*2/16/2005*						*1600*		*0.180*				*0*			
Kellogg Creek @ Hwy 4	*Storm*	*2/23/2005*			*990*												
Kellogg Creek @ Hwy 4	*Storm*	*3/21/2005*			*1136*	*680*											
Kellogg Creek @ Hwy 4	*Irrigation*	*5/17/2005*	*5.80*										*0.036*				*94*
Kellogg Creek @ Hwy 4	*Irrigation*	*6/21/2005*						*300*							*21*		
Kellogg Creek @ Hwy 4	*Irrigation*	*7/19/2005*		*8.66*	*1485*	*890*											*0*
Kellogg Creek @ Hwy 4	*Irrigation*	*8/16/2005*	*6.60*		*1447*	*950*										*44*	
Kellogg Creek @ Hwy 4	*Irrigation*	*8/23/2005*			*885*												
Kellogg Creek @ Hwy 4	*Irrigation*	*9/20/2005*						*900*							*87*		*59*
Kellogg Creek along Hoffman Ln	Irrigation	9/20/2005		8.72				1600									
Kellogg Creek @ Hwy 4	*Storm*	*2/27/2006*			*1512*	*890*		*1600*									
Kellogg Creek along Hoffman Ln	Storm	2/27/2006			1761	990											
Kellogg Creek @ Hwy 4	*Storm*	*3/15/2006*			*1097*	*670*		*1600*									
Kellogg Creek along Hoffman Ln	Storm	3/15/2006			1207	770		900						11			
Kellogg Creek @ Hwy 4	*Storm*	*4/27/2006*	*6.00*		*1112*												
Kellogg Creek along Hoffman Ln	Storm	4/27/2006			1030												
Kellogg Creek along Hoffman Ln	Irrigation	5/16/2006															
Kellogg Creek along Hoffman Ln	Irrigation	6/20/2006															
Kellogg Creek along Hoffman Ln	Irrigation	7/18/2006	6.80					250			0.036	0.02					
Kellogg Creek along Hoffman Ln	Irrigation	8/15/2006	6.40														
Kellogg Creek along Hoffman Ln	Irrigation	9/19/2006	3.40														
Kellogg Creek along Hoffman Ln	Storm	2/11/2007				720	13										
Kellogg Creek along Hoffman Ln	Storm	2/28/2007						920	17 (15.4)		0.018						
Kellogg Creek along Hoffman Ln	Storm	3/7/2007	3.03														
Kellogg Creek along Hoffman Ln	Irrigation	4/11/2007												50			

Site Name	Season	Sample Date	Dissolved Oxygen, <7 mg/L	pH, <6.5 and >8.5 units	Specific Conductivity, >700 µS/cm	Total Dissolved Solids, >450 mg/L	Nitrate as N, >10 mg/L	*E. coli*, >235 MPN/100 mL	Copper (Total), Variable[1] or >1300 µg/L	Chlorpyrifos, >0.015 µg/L	DDE (p,p'), >0.00059 µg/L	DDT (p,p'), >0.00059 µg/L	Permethrin, total, >0.03 µg/L	*C. dubia*, (% Control)	*P. promelas*, (% Control)	*S. capricornutum*, (% Control)	*H. azteca*, (% Control)
Kellogg Creek along Hoffman Ln	Irrigation	7/10/2007							7 (6.9)		0.022	0.018					
Kellogg Creek along Hoffman Ln	Irrigation	8/7/2007		8.52													
Kellogg Creek along Hoffman Ln	Irrigation	8/9/2007															0
Kellogg Creek along Hoffman Ln	Irrigation	8/31/2007															0
Kellogg Creek along Hoffman Ln	Irrigation	9/25/2007	6.87	8.75													
Kellogg Creek along Hoffman Ln	Sediment	3/18/2008		9.26													29
Kellogg Creek along Hoffman Ln	Sediment	4/9/2008															72
Kellogg Creek along Hoffman Ln	Irrigation	4/15/2008														17	
Kellogg Creek along Hoffman Ln	Irrigation	4/23/2008														38	
Kellogg Creek along Hoffman Ln	Irrigation	5/13/2008														5	
Kellogg Creek along Hoffman Ln	Irrigation	5/21/2008														63	
Kellogg Creek along Hoffman Ln	Irrigation	6/10/2008															
Kellogg Creek along Hoffman Ln	Irrigation	7/8/2008	6.54						98 (8.5)								
Kellogg Creek along Hoffman Ln	Irrigation	7/15/2008	6.59														
Kellogg Creek along Hoffman Ln	Irrigation	8/12/2008															
Kellogg Creek along Hoffman Ln	Sediment	8/13/2008	6.89														
Kellogg Creek along Hoffman Ln	Winter	3/8/2011			740												78
Kellogg Creek along Hoffman Ln	Irrigation	4/12/2011		8.81													
Kellogg Creek along Hoffman Ln	Irrigation	8/23/2011		8.84													
Kellogg Creek along Hoffman Ln	Irrigation	9/20/2011		8.96													
Kellogg Creek along Hoffman Ln	Irrigation	10/14/2011		9.04													62
Kellogg Creek along Hoffman Ln	Winter	2/14/2012		9.14													
Kellogg Creek along Hoffman Ln	Irrigation	5/16/2012		8.89													
Kellogg Creek along Hoffman Ln	Irrigation	7/17/2012		8.51													
Kellogg Creek along Hoffman Ln	Irrigation	8/21/2012															
Kellogg Creek along Hoffman Ln	Irrigation	9/18/2012		8.86													
Kellogg Creek along Hoffman Ln	Winter	2/21/2013		8.91													

Site Name	Season	Sample Date	Dissolved Oxygen, <7 mg/L	pH, <6.5 and >8.5 units	Specific Conductivity, >700 µS/cm	Total Dissolved Solids, >450 mg/L	Nitrate as N, >10 mg/L	*E. coli*, >235 MPN/100 mL	Copper (Total), Variable[1] or >1300 µg/L	Chlorpyrifos, >0.015 µg/L	DDE (p,p'), >0.00059 µg/L	DDT (p,p'), >0.00059 µg/L	Permethrin, total, >0.03 µg/L	*C. dubia*, (% Control)	*P. promelas*, (% Control)	*S. capricornutum*, (% Control)	*H. azteca*, (% Control)
Kellogg Creek along Hoffman Ln	Winter	3/19/2013		9.12													
Kellogg Creek along Hoffman Ln	Storm	4/2/2013		8.62													
		Constituent Priority	**E[R]**	**E**	**E**	**E**	**NP**	**E**	**C[R]**	**A/B[R]**	**E**	**E**	**NP**	**D[R]**	**D**	**D**	**D**

[1] Metal WQTL variable; based on hardness.

NP – Not Prioritized; less than two exceedances within three consecutive monitoring years and currently no TMDL.

[R] – Removed from active management plan.

Table XI-A. Mormon Slough @ Jack Tone Rd site subwatershed exceedances (2006-2013).

The WQTLs used to evaluate the data are listed in the header after the analyte.

Site Name	Season	Sample Date	Dissolved Oxygen, <7 mg/L	pH, <6.5 and >8.5 units	*E. coli*, >235 MPN/100 mL	Chlorpyrifos, >0.015 µg/L	Methyl parathion, >0 µg/L	Simazine, >4 µg/L	*C. dubia*, (% Control)	*S. capricornutum*, (% Control)	*H. azteca*, (% Control)
Mormon Slough @ Jack Tone Rd	Irrigation	5/16/2006				0.035					
Mormon Slough @ Jack Tone Rd	Irrigation	6/20/2006	5.80								
Mormon Slough @ Jack Tone Rd	Irrigation	7/18/2006	6.60								
Mormon Slough @ Jack Tone Rd	Irrigation	9/19/2006	6.90								
Mormon Slough @ Jack Tone Rd	Storm	2/28/2007			2400						
Mormon Slough @ Jack Tone Rd	Storm	3/6/2007									91
Mormon Slough @ Jack Tone Rd	Irrigation	6/12/2007	6.68								
Mormon Slough @ Jack Tone Rd	Irrigation	7/10/2007	6.27							61	
Mormon Slough @ Jack Tone Rd	Irrigation	7/17/2007	6.00								
Mormon Slough @ Jack Tone Rd	Irrigation	9/4/2007				0.210			0		
Mormon Slough @ Jack Tone Rd	Storm	1/23/2008						5.4			
Mormon Slough @ Jack Tone Rd	Sediment	3/18/2008	5.19								
Mormon Slough @ Jack Tone Rd	Irrigation	4/15/2008	6.34							18	
Mormon Slough @ Jack Tone Rd	Irrigation	4/23/2008								26	
Mormon Slough @ Jack Tone Rd	Irrigation	5/7/2008	6.70								
Mormon Slough @ Jack Tone Rd	Irrigation	5/13/2008	4.50			0.066			0	4	
Mormon Slough @ Jack Tone Rd	Irrigation	6/10/2008									
Mormon Slough @ Jack Tone Rd	Irrigation	7/15/2008		8.61		0.047					
Mormon Slough @ Jack Tone Rd	Irrigation	8/12/2008	4.82			0.025	0.15				
Mormon Slough @ Jack Tone Rd	Irrigation	8/13/2008		8.59							
Mormon Slough @ Jack Tone Rd	Irrigation	9/9/2008		8.57		0.034					
Mormon Slough @ Jack Tone Rd	Irrigation	9/16/2008		8.58		0.036					
Mormon Slough @ Jack Tone Rd	Irrigation	4/12/2011		8.52							
Mormon Slough @ Jack Tone Rd	Irrigation	8/23/2011		8.51							
Mormon Slough @ Jack Tone Rd	Irrigation	9/20/2011				0.11					
Mormon Slough @ Jack Tone Rd	Irrigation	5/16/2012	6.48	8.6							

Site Name	Season	Sample Date	Dissolved Oxygen, <7 mg/L	pH, <6.5 and >8.5 units	*E. coli*, >235 MPN/100 mL	Chlorpyrifos, >0.015 µg/L	Methyl parathion, >0 µg/L	Simazine, >4 µg/L	*C. dubia*, (% Control)	*S. capricornutum*, (% Control)	*H. azteca*, (% Control)
Mormon Slough @ Jack Tone Rd	Irrigation	7/17/2012	6.58								
Mormon Slough @ Jack Tone Rd	Irrigation	5/21/2013	6.68								
Mormon Slough @ Jack Tone Rd	Irrigation	7/16/2013		9.12							
Mormon Slough @ Jack Tone Rd	Irrigation	8/20/2013		9.01							
		Constituent Priority	**E**	**E**	**NP**	**A/B**	**NP**	**NP**	**D**	**D**	**NP**

NP – Not Prioritized; less than two exceedances within three consecutive monitoring years and currently no TMDL.

Table XII-A. Sand Creek @ Hwy 4 Bypass site subwatershed exceedances (2006-2013).

The WQTLs used to evaluate the data are listed in the header after the analyte.

Site Name	Season	Sample Date	Dissolved Oxygen, <7 mg/L	Specific Conductivity, >700 µS/cm	Total Dissolved Solids, >450 mg/L	*E. coli*, >235 MPN/100 mL	Chlorpyrifos, >0.015 µg/L	DDD (p,p'), >0.00083 µg/L	DDE (p,p'), >0.00059 µg/L	DDT (p,p'), >0.00059 µg/L	Diazinon, >0.1 µg/L	Dieldrin, >0.00014 µg/L	Disulfoton, >0.05 µg/L	Endrin, >0.036 µg/L	Methomyl, >0.52 µg/L	*C. dubia*, (% Control)	*P. promelas*, (% Control)	*S. capricornutum*, (% Control)	*H. azteca*, (% Control)
Sand Creek @ Hwy 4 Bypass	Irrigation	5/16/2006	6.30			330	0.089		0.1	0.054		0.076				16	60		
Sand Creek @ Hwy 4 Bypass	Irrigation	5/25/2006	6.30	1718															
Sand Creek @ Hwy 4 Bypass	Irrigation	6/20/2006			980	520	0.038		0.48	0.4		0.11		0.082	12	0			
Sand Creek @ Hwy 4 Bypass	Irrigation	6/28/2006	6.62	1455															
Sand Creek @ Hwy 4 Bypass	Irrigation	7/18/2006	5.30	1475	1200	980					0.45					0			
Sand Creek @ Hwy 4 Bypass	Irrigation	7/26/2006	5.70	1557															
Sand Creek @ Hwy 4 Bypass	Irrigation	8/15/2006	6.20	1544	1200	820													0
Sand Creek @ Hwy 4 Bypass	Irrigation	9/19/2006	5.50	1386	1100	1300													0
Sand Creek @ Hwy 4 Bypass	Storm	2/11/2007		2851	2100	2400													
Sand Creek @ Hwy 4 Bypass	Storm	2/28/2007		3701	2700	2000													
Sand Creek @ Hwy 4 Bypass	Storm	3/6/2007		2433															4
Sand Creek @ Hwy 4 Bypass	Storm	3/29/2007		1816															3
Sand Creek @ Hwy 4 Bypass	Irrigation	4/11/2007		1919	1400														
Sand Creek @ Hwy 4 Bypass	Irrigation	5/22/2007		1946	1400														
Sand Creek @ Hwy 4 Bypass	Irrigation	6/12/2007	6.35	1848	1300	460													
Sand Creek @ Hwy 4 Bypass	Irrigation	6/20/2007		1913															
Sand Creek @ Hwy 4 Bypass	Irrigation	7/10/2007		1554	1000	280			0.0066										
Sand Creek @ Hwy 4 Bypass	Irrigation	7/30/2007	5.02	1817															
Sand Creek @ Hwy 4 Bypass	Irrigation	8/7/2007	6.82	1762	1300														
Sand Creek @ Hwy 4 Bypass	Irrigation	8/9/2007	4.90	1723															0
Sand Creek @ Hwy 4 Bypass	Irrigation	8/31/2007	5.77	1522															0
Sand Creek @ Hwy 4 Bypass	Irrigation	9/4/2007	5.27	1608	1200	360													
Sand Creek @ Hwy 4 Bypass	Storm	1/23/2008		1058	750	1400					0.11								
Sand Creek @ Hwy 4 Bypass	Sediment	3/18/2008		1400															0
Sand Creek @ Hwy 4 Bypass	Sediment	4/9/2008		2034															0

Site Name	Season	Sample Date	Dissolved Oxygen, <7 mg/L	Specific Conductivity, >700 µS/cm	Total Dissolved Solids, >450 mg/L	*E. coli*, >235 MPN/100 mL	Chlorpyrifos, >0.015 µg/L	DDD (p,p'), >0.00083 µg/L	DDE (p,p'), >0.00059 µg/L	DDT (p,p'), >0.00059 µg/L	Diazinon, >0.1 µg/L	Dieldrin, >0.00014 µg/L	Disulfoton, >0.05 µg/L	Endrin, >0.036 µg/L	Methomyl, >0.52 µg/L	*C. dubia*, (% Control)	*P. promelas*, (% Control)	*S. capricornutum*, (% Control)	*H. azteca*, (% Control)
Sand Creek @ Hwy 4 Bypass	Irrigation	4/15/2008	5.97	2029	1500	330												44	
Sand Creek @ Hwy 4 Bypass	Irrigation	4/23/2008	5.97	1913														54	
Sand Creek @ Hwy 4 Bypass	Irrigation	5/7/2008	5.21	1707								0.012							
Sand Creek @ Hwy 4 Bypass	Irrigation	5/13/2008	5.77	1859	1400	290							0.11						
Sand Creek @ Hwy 4 Bypass	Irrigation	6/3/2008	5.26	1898															
Sand Creek @ Hwy 4 Bypass	Irrigation	6/10/2008	2.92	1845	1100	370			0.006				0.2						
Sand Creek @ Hwy 4 Bypass	Irrigation	7/8/2008	3.52	1758															
Sand Creek @ Hwy 4 Bypass	Irrigation	7/15/2008	4.77	1059	1200	250													
Sand Creek @ Hwy 4 Bypass	Irrigation	8/12/2008	5.36	1885	2800	460		0.008	0.078	0.011		0.006	0.18					38	
Sand Creek @ Hwy 4 Bypass	Irrigation	8/13/2008	6.10	1818															2
Sand Creek @ Hwy 4 Bypass	Irrigation	8/19/2008	4.91	1897															
Sand Creek @ Hwy 4 Bypass	Irrigation	9/16/2008		1709	1200	310													
Sand Creek @ Hwy 4 Bypass	Sediment	9/18/2008	6.73	1854															0
Sand Creek @ Hwy 4 Bypass	Winter	1/11/2011		2086															
Sand Creek @ Hwy 4 Bypass	Winter	3/8/2011		2213															29
Sand Creek @ Hwy 4 Bypass	Irrigation	4/12/2011		2206															
Sand Creek @ Hwy 4 Bypass	Irrigation	5/24/2011	6.28	1995								0.027							
Sand Creek @ Hwy 4 Bypass	Irrigation	6/28/2011	4.78	1823															
Sand Creek @ Hwy 4 Bypass	Irrigation	7/26/2011	3.97	1671															
Sand Creek @ Hwy 4 Bypass	Irrigation	8/23/2011	4.70	1678															
Sand Creek @ Hwy 4 Bypass	Irrigation	9/20/2011	4.82	1777															
Sand Creek @ Hwy 4 Bypass	Irrigation	10/14/2011	5.40	1730															79
Sand Creek @ Hwy 4 Bypass	Winter	1/17/2012		1703															
Sand Creek @ Hwy 4 Bypass	Storm	3/15/2012	4.28	1442															63
Sand Creek @ Hwy 4 Bypass	Irrigation	5/16/2012	3.91	1711															
Sand Creek @ Hwy 4 Bypass	Irrigation	6/19/2012		1439								0.097							
Sand Creek @ Hwy 4 Bypass	Irrigation	7/17/2012	5.64	1481															
Sand Creek @ Hwy 4 Bypass	Irrigation	8/21/2012	4.28	1709															

Site Name	Season	Sample Date	Dissolved Oxygen, <7 mg/L	Specific Conductivity, >700 µS/cm	Total Dissolved Solids, >450 mg/L	*E. coli*, >235 MPN/100 mL	Chlorpyrifos, >0.015 µg/L	DDD (p,p'), >0.00083 µg/L	DDE (p,p'), >0.00059 µg/L	DDT (p,p'), >0.00059 µg/L	Diazinon, >0.1 µg/L	Dieldrin, >0.00014 µg/L	Disulfoton, >0.05 µg/L	Endrin, >0.036 µg/L	Methomyl, >0.52 µg/L	*C. dubia*, (% Control)	*P. promelas*, (% Control)	*S. capricornutum*, (% Control)	*H. azteca*, (% Control)
Sand Creek @ Hwy 4 Bypass	Irrigation	9/18/2012	5.92	1826															
Sand Creek @ Hwy 4 Bypass	Winter	1/15/2013		2099															
Sand Creek @ Hwy 4 Bypass	Winter	3/19/2013	6.12	1794															90
Sand Creek @ Hwy 4 Bypass	Storm	4/2/2013	6.07	1028															
Sand Creek @ Hwy 4 Bypass	Irrigation	5/21/2013	3.75	1702															
Sand Creek @ Hwy 4 Bypass	Irrigation	6/18/2013	4.60	1677															
Sand Creek @ Hwy 4 Bypass	Irrigation	8/20/2013	5.60	1757															
Sand Creek @ Hwy 4 Bypass	Irrigation	9/17/2013	5.98	1856															
		Constituent Priority	**E**	**E**	**E**	**E**	**A/B[R]**	**NP**	**E**	**E**	**A/B[R]**	**E**	**C**	**NP**	**NP**	**D[R]**	**NP**	**D**	**D**

NP – Not Prioritized; less than two exceedances within three consecutive monitoring years and currently no TMDL.
[R] – Removed from active management plan.

Table XIII-A. Bear Creek @ North Alpine Rd site subwatershed exceedances (2008-2013).

The WQTLs used to evaluate the data are listed in the header after the analyte.

Station Name	Season	Sample Date	Chlorpyrifos, >0.0.15 µg/L	Malathion, >0 µg/L	Dissolved Oxygen, <7 mg/L	*E. coli*, >235 MPN/100 mL	pH, <6.5 and > 8.5 units
Bear Creek @ North Alpine Rd	Fall	10/14/2008			3.89		
Bear Creek @ North Alpine Rd	Fall	11/4/2008			6.82		
Bear Creek @ North Alpine Rd	Fall	12/9/2008			4.14	650	
Bear Creek @ North Alpine Rd	Winter	1/13/2009			6.26		
Bear Creek @ North Alpine Rd	Winter	3/10/2009					
Bear Creek @ North Alpine Rd	Winter	1/11/2011	0.110	0.1			
Bear Creek @ North Alpine Rd	Winter	1/13/2011					5.82
Bear Creek @ North Alpine Rd	Irrigation	4/12/2011					8.60
Bear Creek @ North Alpine Rd	Irrigation	5/24/2011		0.064			
Bear Creek @ North Alpine Rd	Irrigation	6/28/2011			5.91		
Bear Creek @ North Alpine Rd	Irrigation	8/23/2011			5.55		
Bear Creek @ North Alpine Rd	Irrigation	9/20/2011	0.089	0.089	6.43		
Bear Creek @ North Alpine Rd	Storm	10/6/2011	0.067			490	
Bear Creek @ North Alpine Rd	Fall	11/15/2011			5.82		
Bear Creek @ North Alpine Rd	Irrigation	5/16/2012			1.90		
Bear Creek @ North Alpine Rd	Irrigation	9/18/2012			0.41		
Bear Creek @ North Alpine Rd	Fall	10/16/2012			1.03		
Bear Creek @ North Alpine Rd	Irrigation	5/21/2013			6.64		
Bear Creek @ North Alpine Rd	Irrigation	9/17/2013			1.74		
Bear Creek @ North Alpine Rd	Fall	10/8/2013			3.40		
		Constituent Priority	**A/B**	**C**	**E**	**E**	**E**

Table XIV-A. Roberts Island @ Whiskey Slough Pump subwatershed exceedances (2006-2013).

The WQTLs used to evaluate the data are listed in the header after the analyte. Original sites are italicized.

Station Name	Season	Sample Date	Dissolved Oxygen, >7 mg/L	pH, <6.5 and >8.5 units	Specific Conductivity, >700 µS/cm	Total Dissolved Solids, >450 mg/L	Nitrate + Nitrite, >10 mg/L	*E. coli*, >235 MPN/100 mL	Arsenic, >10 µg/L	Chlorpyrifos, >0.015 µg/L	Cypermethrin, total, >0.002 µg/L	DDE (p,p'), >0.00059 µg/L	DDT (p,p'), >0.00059 µg/L	Diuron, >2 µg/L	*C. dubia*, (% Control)	*S. capricornutum*, (% Control)	*H. azteca*, (% Control)
Roberts Island Drain @ Holt Rd	*Irrigation*	*5/16/2006*	*5.5*		*736*												
Roberts Island Drain along House Rd	*Irrigation*	*5/16/2006*	*6.1*					*410*									
Roberts Island Drain @ Holt Rd	*Irrigation*	*6/20/2006*	*3.45*		*1811*	*1300*		*870*				*0.006*					
Roberts Island Drain along House Rd	*Irrigation*	*6/20/2006*	*1.31*	*6.06*	*1060*	*1200*		*390*				*0.009*					
Roberts Island Drain @ Holt Rd	*Irrigation*	*7/18/2006*	*1.9*														
Roberts Island Drain along House Rd	*Irrigation*	*7/18/2006*	*3.2*	*6.38*		*460*											
Roberts Island Drain @ Holt Rd	*Irrigation*	*8/15/2006*	*6.7*														*74*
Roberts Island Drain along House Rd	*Irrigation*	*8/15/2006*	*3.4*	*6.43*		*570*		*1100*									
Roberts Island Drain @ Holt Rd	*Irrigation*	*9/19/2006*	*3.4*		*764*					*0.018*							*12*
Roberts Island Drain along House Rd	*Irrigation*	*9/19/2006*	*3.1*		*737*	*550*		*330*									
Roberts Island Drain @ Holt Rd	*Storm*	*2/11/2007*			*1231*	*770*											
Roberts Island Drain along House Rd	*Storm*	*2/11/2007*	*5.81*		*1212*	*780*											
Roberts Island Drain @ Holt Rd	*Storm*	*2/28/2007*	*6.14*		*1368*	*830*						*0.013*					
Roberts Island Drain along House Rd	*Storm*	*2/28/2007*			*1966*	*1200*											
Roberts Island Drain @ Holt Rd	*Storm*	*3/6/2007*			*856*												
Roberts Island Drain along House Rd	*Storm*	*3/6/2007*			*1970*												*5.128*
Roberts Island Drain along House Rd	*Storm*	*3/29/2007*	*5.12*		*1872*												*18.42*
Roberts Island Drain @ Holt Rd	*Irrigation*	*4/11/2007*	*5.16*		*950*	*540*											
Roberts Island Drain along House Rd	*Irrigation*	*4/11/2007*	*4.74*		*1723*	*1100*											
Roberts Island Drain @ Holt Rd	*Irrigation*	*5/22/2007*	*6.85*		*1851*	*1100*											
Roberts Island Drain @ Holt Rd	*Irrigation*	*6/12/2007*	*3.3*		*751*												
Roberts Island Drain along House Rd	*Irrigation*	*6/12/2007*	*4.7*		*793*	*500*											
Roberts Island Drain @ Holt Rd	*Irrigation*	*7/10/2007*	*3.72*		*749*	*570*		*2400*				*0.021*		*4.8*	*0*	*40*	
Roberts Island Drain along House Rd	*Irrigation*	*7/10/2007*	*3.3*		*1148*	*740*											

Station Name	Season	Sample Date	Dissolved Oxygen, >7 mg/L	pH, <6.5 and >8.5 units	Specific Conductivity, >700 µS/cm	Total Dissolved Solids, >450 mg/L	Nitrate + Nitrite, >10 mg/L	*E. coli*, >235 MPN/100 mL	Arsenic, >10 µg/L	Chlorpyrifos, >0.015 µg/L	Cypermethrin, total, >0.002 µg/L	DDE (p,p'), >0.00059 µg/L	DDT (p,p'), >0.00059 µg/L	Diuron, >2 µg/L	*C. dubia*, (% Control)	*S. capricornutum*, (% Control)	*H. azteca*, (% Control)
Roberts Island Drain @ Holt Rd	Irrigation	8/7/2007	2.32		920	560											
Roberts Island Drain along House Rd	Irrigation	8/7/2007	6.75					1000									
Roberts Island Drain @ Holt Rd	Irrigation	8/9/2007	0.64		1134												
Roberts Island Drain along House Rd	Irrigation	8/9/2007	5.92		759												
Roberts Island Drain @ Holt Rd	Irrigation	8/28/2007	4.83		1436												
Roberts Island Drain @ Holt Rd	Irrigation	9/4/2007	1.99		966	620											
Roberts Island Drain along House Rd	Irrigation	9/4/2007	4.71					460			0.077						
Roberts Island Drain @ Holt Rd	Irrigation	9/25/2007	2.25		1132												
Roberts Island Drain along House Rd	Irrigation	9/25/2007	3.39		1527												
Roberts Island Drain @ Holt Rd	Storm	1/23/2008			1046	700								17		1	
Roberts Island Drain along House Rd	Storm	1/23/2008			1297	1100						0.011	0.014				
Roberts Island Drain @ Holt Rd	Storm	1/30/2008	6.17		1857												
Roberts Island Drain @ Holt Rd	Sediment	3/18/2008	5.13		1393												
Roberts Island Drain along House Rd	Sediment	3/18/2008			2815												
Roberts Island Drain @ Holt Rd	Irrigation	4/15/2008			1122	680										22	
Roberts Island Drain along House Rd	Irrigation	4/15/2008	6.82		1225	790										15	
Roberts Island Drain @ Holt Rd	Irrigation	4/23/2008	5.41		914												
Roberts Island Drain along House Rd	Irrigation	4/23/2008	3.82		1207											77	
Roberts Island Drain @ Holt Rd	Irrigation	5/13/2008	5.21		1285	960		240								23	
Roberts Island Drain along House Rd	Irrigation	5/13/2008			1540	980			13							10	
Roberts Island Drain @ Holt Rd	Irrigation	5/21/2008	5.74		878											43	
Roberts Island Drain along House Rd	Irrigation	5/21/2008	5.77		964											42	
Roberts Island Drain @ Holt Rd	Irrigation	6/10/2008			937	550											
Roberts Island Drain along House Rd	Irrigation	6/10/2008	4.38		871	590											
Roberts Island Drain @ Holt Rd	Irrigation	7/15/2008	6.47			460											
Roberts Island Drain along House Rd	Irrigation	7/15/2008	5.55					>2400									

Station Name	Season	Sample Date	Dissolved Oxygen, >7 mg/L	pH, <6.5 and >8.5 units	Specific Conductivity, >700 µS/cm	Total Dissolved Solids, >450 mg/L	Nitrate + Nitrite, >10 mg/L	*E. coli*, >235 MPN/100 mL	Arsenic, >10 µg/L	Chlorpyrifos, >0.015 µg/L	Cypermethrin, total, >0.002 µg/L	DDE (p,p'), >0.00059 µg/L	DDT (p,p'), >0.00059 µg/L	Diuron, >2 µg/L	*C. dubia*, (% Control)	*S. capricornutum*, (% Control)	*H. azteca*, (% Control)
Roberts Island Drain @ Holt Rd	Irrigation	8/12/2008	6.98							0.034							
Roberts Island Drain along House Rd	Irrigation	8/12/2008			925	610				0.044							
Roberts Island Drain @ Holt Rd	Sediment	8/13/2008	6.28														
Roberts Island Drain along House Rd	Sediment	8/13/2008	4.85		774												83
Roberts Island Drain @ Holt Rd	Irrigation	9/16/2008	6		814	500		410									
Roberts Island Drain along House Rd	Irrigation	9/16/2008	5							1.7					0		
Roberts Island Drain along House Rd	Sediment	9/18/2008	4.65		767												84.9
Roberts Island Drain along House Rd	Irrigation	9/23/2008	2.85		961										0		
Roberts Island Drain @ Holt Rd	Fall	10/14/2008			896	550											
Roberts Island Drain @ Holt Rd	Fall	11/4/2008			764			300									
Roberts Island Drain @ Holt Rd	Fall	12/9/2008			894	530											
Roberts Island Drain @ Holt Rd	Winter	1/13/2009				490											
Roberts Island Drain @ Holt Rd	Winter	2/10/2009			1019	670											
Roberts Island Drain @ Holt Rd	Winter	3/10/2009			1385	880											
Roberts Island Drain @ Holt Rd	Irrigation	4/14/2009			1008	610											
Roberts Island Drain @ Holt Rd	Irrigation	5/12/2009			1059												
Roberts Island Drain @ Holt Rd	Irrigation	6/9/2009	5.07		782	480											
Roberts Island Drain @ Holt Rd	Irrigation	7/14/2009	5.85		1282	790											
Roberts Island Drain @ Holt Rd	Irrigation	8/11/2009	5.7		904	550											
Roberts Island Drain @ Holt Rd	Irrigation	9/15/2009	3.58														
Roberts Island Drain @ Holt Rd	Fall	10/6/2009			948	600		280									
Roberts Island Drain @ Holt Rd	Fall	11/10/2009			1091	640											
Roberts Island Drain @ Holt Rd	Fall	12/8/2009			1099	620											
Roberts Island Drain @ Holt Rd	Storm	1/13/2010			1199	670											
Roberts Island Drain @ Holt Rd	Winter	2/9/2010			1602	930											
Roberts Island Drain @ Holt Rd	Winter	3/16/2010			1862	1100									75		

Station Name	Season	Sample Date	Dissolved Oxygen, >7 mg/L	pH, <6.5 and >8.5 units	Specific Conductivity, >700 µS/cm	Total Dissolved Solids, >450 mg/L	Nitrate + Nitrite, >10 mg/L	*E. coli*, >235 MPN/100 mL	Arsenic, >10 µg/L	Chlorpyrifos, >0.015 µg/L	Cypermethrin, total, >0.002 µg/L	DDE (p,p'), >0.00059 µg/L	DDT (p,p'), >0.00059 µg/L	Diuron, >2 µg/L	*C. dubia*, (% Control)	*S. capricornutum*, (% Control)	*H. azteca*, (% Control)
Roberts Island Drain @ Holt Rd	*Irrigation*	*4/13/2010*			*1429*	*800*											
Roberts Island Drain @ Holt Rd	*Irrigation*	*5/11/2010*			*1426*	*890*		*280*									
Roberts Island Drain @ Holt Rd	*Irrigation*	*6/8/2010*	*4.03*		*778*	*460*		*550*									
Roberts Island Drain @ Holt Rd	*Irrigation*	*7/13/2010*	*4.89*		*745*			*370*									
Roberts Island Drain @ Holt Rd	*Irrigation*	*8/10/2010*	*5.09*		*843*	*520*											
Roberts Island Drain @ Holt Rd	*Irrigation*	*9/7/2010*	*3.66*		*824*												
Roberts Island Drain @ Holt Rd	*Sediment*	*9/7/2010*				*480*											
Roberts Island Drain @ Holt Rd	*Fall*	*10/12/2010*			*946*	*540*											
Roberts Island Drain @ Holt Rd	*Fall*	*11/9/2010*			*1618*	*960*											
Roberts Island Drain @ Holt Rd	*Fall*	*12/7/2010*			*1022*	*640*											
Roberts Island Drain @ Holt Rd	*Winter*	*1/11/2011*			*1052*	*620*		*>2400*	*12*	*0.016*							
Roberts Island Drain @ Holt Rd	*Winter*	*1/13/2011*		*6.03*	*1769*												
Roberts Island Drain @ Holt Rd	*Winter*	*2/8/2011*			*1074*	*630*				*0.016*							
Roberts Island Drain @ Holt Rd	*Winter*	*3/8/2011*			*1287*	*750*											
Roberts Island Drain @ Holt Rd	*Irrigation*	*4/12/2011*			*2085*	*1200*		*>2400*									
Roberts Island Drain @ Holt Rd	*Irrigation*	*5/24/2011*			*1232*	*660*											
Roberts Island Drain @ Holt Rd	*Irrigation*	*6/28/2011*	*4.44*		*892*	*500*											
Roberts Island Drain @ Holt Rd	*Irrigation*	*8/23/2011*	*6.52*					*520*									
Roberts Island Drain @ Holt Rd	*Storm*	*10/6/2011*	*6.11*		*746*	*510*											
Roberts Island Drain @ Holt Rd	*Sediment*	*10/14/2011*	*6.39*														
Roberts Island Drain @ Holt Rd	*Fall*	*11/15/2011*			*762*												
Roberts Island Drain @ Holt Rd	*Fall*	*12/13/2011*			*1449*	*980*											
Roberts Island Drain @ Whiskey Slough Pump	Winter	1/17/2012			911	620											
Roberts Island Drain @ Whiskey Slough Pump	Winter	2/14/2012			1052	550											
Roberts Island Drain @ Whiskey Slough Pump	Storm	3/15/2012	5.18		1096	740											
Roberts Island Drain @ Whiskey Slough Pump	Storm	4/12/2012			1345	620		690									

Station Name	Season	Sample Date	Dissolved Oxygen, >7 mg/L	pH, <6.5 and >8.5 units	Specific Conductivity, >700 µS/cm	Total Dissolved Solids, >450 mg/L	Nitrate + Nitrite, >10 mg/L	*E. coli*, >235 MPN/100 mL	Arsenic, >10 µg/L	Chlorpyrifos, >0.015 µg/L	Cypermethrin, total, >0.002 µg/L	DDE (p,p'), >0.00059 µg/L	DDT (p,p'), >0.00059 µg/L	Diuron, >2 µg/L	*C. dubia*, (% Control)	*S. capricornutum*, (% Control)	*H. azteca*, (% Control)
Roberts Island Drain @ Whiskey Slough Pump	Irrigation	5/16/2012	5.71		867	550		260									
Roberts Island Drain @ Whiskey Slough Pump	Irrigation	6/19/2012	5.31		785	570											
Roberts Island Drain @ Whiskey Slough Pump	Irrigation	7/17/2012	5.6		780	520											
Roberts Island Drain @ Whiskey Slough Pump	Irrigation	8/21/2012	3.29		747												
Roberts Island Drain @ Whiskey Slough Pump	Irrigation	9/18/2012	6.69		1134	690		270									
Roberts Island Drain @ Whiskey Slough Pump	Fall	10/16/2012	4.48		1328	1000											
Roberts Island Drain @ Whiskey Slough Pump	Fall	11/6/2012	5.64		1446	840											
Roberts Island Drain @ Whiskey Slough Pump	Irrigation	12/3/2012	5.79		1511	960	11	820									
Roberts Island Drain @ Whiskey Slough Pump	Winter	1/15/2013			1250	890											
Roberts Island Drain @ Whiskey Slough Pump	Winter	2/21/2013			1028	790											
Roberts Island Drain @ Whiskey Slough Pump	Winter	3/19/2013			1306	980											
Roberts Island Drain @ Whiskey Slough Pump	Storm	4/2/2013			1189	860											
Roberts Island Drain @ Whiskey Slough Pump	Irrigation	5/21/2013	2.66		1043	600											
Roberts Island Drain @ Whiskey Slough Pump	Irrigation	6/18/2013	4.96		862	540											
Roberts Island Drain @ Whiskey Slough Pump	Irrigation	7/16/2013			833	500											
Roberts Island Drain @ Whiskey Slough Pump	Irrigation	8/20/2013	6.22		841	530											
Roberts Island Drain @ Whiskey Slough Pump	Irrigation	9/17/2013	6.47		1088	660											
Roberts Island Drain @ Whiskey Slough Pump	Fall	10/8/2013	5.18		1445	800											
Roberts Island Drain @ Whiskey Slough Pump	Fall	11/19/2013			984	700											
Roberts Island Drain @ Whiskey Slough Pump	Fall	12/17/2013			769	480											
		Constituent Priority	**E**	**E**	**E**	**E**	**NP**	**E**	**NP**	**A/B**	**NP**	**E**	**E**	**C**	**D**	**D**	**D**

NP – Not Prioritized; less than two exceedances within three consecutive monitoring years and currently no TMDL.

Table XV-A. Walthall Slough @ Woodward Ave site subwatershed exceedances (2009-2013).

The WQTLs used to evaluate the data are listed in the header after the analyte.

Station Name	Season	Sample Date	Dissolved Oxygen, >7 mg/L	Specific Conductivity, >700 µS/cm	Total Dissolved Solids, >450 mg/L	Ammonia, Variable[1] or >1.5 mg/L	Nitrate + Nitrite as N, >10 mg/L	*E. coli*, >235 MPN/100 mL	Chlorpyrifos, >0.015 µg/L	DDE (p,p'), >0.00059 µg/L	HCH, delta, >0.0039 µg/L	*S. capricornutum*, (% Control)	*H. azteca*, (% Control)
Walthall Slough @ Woodward Ave	Winter	1/13/2009	5.58	912	550						0.0055		
Walthall Slough @ Woodward Ave	Winter	2/10/2009	1.42	993	570								
Walthall Slough @ Woodward Ave	Winter	3/10/2009	3.72		570	2.4		650				38	
Walthall Slough @ Woodward Ave	Irrigation	4/14/2009	3.96										81
Walthall Slough @ Woodward Ave	Irrigation	5/12/2009	3.96										
Walthall Slough @ Woodward Ave	Irrigation	6/9/2009	4.20										
Walthall Slough @ Woodward Ave	Irrigation	7/14/2009	2.92										
Walthall Slough @ Woodward Ave	Irrigation	8/11/2009	2.56										
Walthall Slough @ Woodward Ave	Irrigation	8/19/2009	3.75										
Walthall Slough @ Woodward Ave	Irrigation	9/15/2009	2.39										
Walthall Slough @ Woodward Ave	Fall	10/6/2009	4.84										
Walthall Slough @ Woodward Ave	Fall	11/10/2009						340			0.0061		
Walthall Slough @ Woodward Ave	Fall	12/8/2009		732							0.019		
Walthall Slough @ Woodward Ave	Storm	1/13/2010	2.94	784									
Walthall Slough @ Woodward Ave	Winter	2/9/2010		719									
Walthall Slough @ Woodward Ave	Irrigation	5/11/2010	5.88					310					
Walthall Slough @ Woodward Ave	Irrigation	6/8/2010	4.55										
Walthall Slough @ Woodward Ave	Irrigation	7/13/2010	5.06										
Walthall Slough @ Woodward Ave	Irrigation	8/10/2010	4.83										
Walthall Slough @ Woodward Ave	Irrigation	9/7/2010	6.88										
Walthall Slough @ Woodward Ave	Sediment	9/7/2010						250					69
Walthall Slough @ Woodward Ave	Fall	12/7/2010		733	460		11			0.0049			
Walthall Slough @ Woodward Ave	Winter	1/11/2011		750	460								
Walthall Slough @ Woodward Ave	Winter	3/8/2011		760									

Station Name	Season	Sample Date	Dissolved Oxygen, >7 mg/L	Specific Conductivity, >700 µS/cm	Total Dissolved Solids, >450 mg/L	Ammonia, Variable[1] or >1.5 mg/L	Nitrate + Nitrite as N, >10 mg/L	*E. coli*, >235 MPN/100 mL	Chlorpyrifos, >0.015 µg/L	DDE (p,p'), >0.00059 µg/L	HCH, delta, >0.0039 µg/L	*S. capricornutum*, (% Control)	*H. azteca*, (% Control)
Walthall Slough @ Woodward Ave	Irrigation	4/12/2011	4.67										
Walthall Slough @ Woodward Ave	Irrigation	5/24/2011	3.34					280					
Walthall Slough @ Woodward Ave	Irrigation	6/28/2011	2.44										
Walthall Slough @ Woodward Ave	Irrigation	7/26/2011	3.27										
Walthall Slough @ Woodward Ave	Irrigation	8/23/2011	3.21										
Walthall Slough @ Woodward Ave	Irrigation	9/20/2011	2.38						0.083				
Walthall Slough @ Woodward Ave	Storm	10/6/2011	3.97						0.078				
Walthall Slough @ Woodward Ave	Fall	11/15/2011	6.77	708	470		11						
Walthall Slough @ Woodward Ave	Fall	12/13/2011		712	480		14						
Walthall Slough @ Woodward Ave	Winter	1/17/2012	4.07										
Walthall Slough @ Woodward Ave	Winter	2/14/2012	0.77	763	500								
Walthall Slough @ Woodward Ave	Storm	3/15/2012	0.53	767	490								
Walthall Slough @ Woodward Ave	Storm	4/12/2012	2.69										
Walthall Slough @ Woodward Ave	Irrigation	5/16/2012	1.35										
Walthall Slough @ Woodward Ave	Irrigation	6/19/2012	3.40										
Walthall Slough @ Woodward Ave	Irrigation	7/17/2012	6.16										
Walthall Slough @ Woodward Ave	Irrigation	8/21/2012	1.98										
Walthall Slough @ Woodward Ave	Irrigation	9/18/2012	2.61										
Walthall Slough @ Woodward Ave	Fall	10/16/2012	3.98										
Walthall Slough @ Woodward Ave	Fall	11/6/2012			460								
Walthall Slough @ Woodward Ave	Storm	12/3/2012	5.63	701	500		12						
Walthall Slough @ Woodward Ave	Winter	1/15/2013			490								
Walthall Slough @ Woodward Ave	Winter	2/21/2013	4.01	770	610		15						
Walthall Slough @ Woodward Ave	Storm	4/2/2013	3.80										
Walthall Slough @ Woodward Ave	Irrigation	5/21/2013	3.57										
Walthall Slough @ Woodward Ave	Irrigation	6/18/2013	6.60										

Station Name	Season	Sample Date	Dissolved Oxygen, >7 mg/L	Specific Conductivity, >700 µS/cm	Total Dissolved Solids, >450 mg/L	Ammonia, Variable[1] or >1.5 mg/L	Nitrate + Nitrite as N, >10 mg/L	*E. coli*, >235 MPN/100 mL	Chlorpyrifos, >0.015 µg/L	DDE (p,p'), >0.00059 µg/L	HCH, delta, >0.0039 µg/L	*S. capricornutum*, (% Control)	*H. azteca*, (% Control)
Walthall Slough @ Woodward Ave	Irrigation	7/16/2013	3.33										
Walthall Slough @ Woodward Ave	Irrigation	8/20/2013	5.56										
Walthall Slough @ Woodward Ave	Irrigation	8/21/2013	6.24										
Walthall Slough @ Woodward Ave	Irrigation	9/17/2013	5.32										
Walthall Slough @ Woodward Ave	Fall	10/8/2013	4.97										
Walthall Slough @ Woodward Ave	Fall	11/19/2013		725	550		12						
Walthall Slough @ Woodward Ave	Fall	12/17/2013		807.4	560		16						
		Constituent Priority	**E**	**E**	**E**	**NP**	**C**	**E**	**A/B**	**NP**	**E**	**NP**	**D**

[1] Ammonia WQTL variable; based on pH and temperature.

NP – Not Prioritized; less than two exceedances within three consecutive monitoring years and currently no TMDL.

Table XVI-A. Drain @ Woodbridge Rd site subwatershed exceedances (2008-2013).

The WQTLs used to evaluate the data are listed in the header after the analyte. Upstream sites are italicized.

Site Name	Season	Sample Date	Chlorpyrifos, >0.015 µg/L	Arsenic, >10 µg/L	Dissolved Oxygen, >7 mg/L	*E. coli*, >235 MPN/100 mL	Specific Conductivity, >700 µS/cm	Total Dissolved Solids, >450 mg/L	*H. azteca*, (% Control)
Drain @ Woodbridge Rd	Fall	10/14/2008		12	5.44		115	690	
Drain @ Woodbridge Rd	Fall	11/4/2008		13	4.03	250	716	510	
Drain @ Woodbridge Rd	Winter	1/13/2009		12	5.12		1211	660	
Drain @ Woodbridge Rd	Winter	2/10/2009		14			1358	780	
Drain @ Woodbridge Rd	Winter	3/10/2009		15	5.38		1910	1100	
Drain @ Woodbridge Rd	Storm	1/13/2010			4.78		956	490	
Drain @ Woodbridge Rd	Winter	2/9/2010		14	5.12		1049	630	
Drain @ Woodbridge Rd	Winter	3/16/2010		13	5.94		1294	700	
Drain @ Woodbridge Rd	Irrigation	4/13/2010	0.029	14	6.04		1629	840	
Drain @ Woodbridge Rd	Irrigation	5/11/2010		18	6.18		2002	1300	
Drain @ Woodbridge Rd	Irrigation	6/8/2010		13	3.01		1358	730	
Drain @ Woodbridge Rd	Irrigation	7/13/2010		11	3.71		783	460	
Drain @ Woodbridge Rd	Irrigation	8/10/2010			4.53				
Drain @ Woodbridge Rd	Irrigation	9/7/2010		14	2.16		1200	660	88
Drain @ Woodbridge Rd	Fall	10/12/2010		17	3.38	820	797		
Drain @ Woodbridge Rd	Fall	11/9/2010			4.1		984	520	
Drain @ Woodbridge Rd	Fall	12/7/2010		14	3.68		1262	740	
Drain @ Woodbridge Rd	Storm	4/2/2013			4.21				
		Constituent Priority	**A/B**	**E**	**E**	**E**	**E**	**E**	**NP**

NP – Not Prioritized; less than two exceedances within three consecutive monitoring years and currently no TMDL.