

Table A. ESJWQC 2012 AMR amendments summary.

ITEM #	AMENDMENTS DESCRIPTIONS	DATE SUBMITTED	2012 AMR ITEMS REVISED
1	Revisions were made to exclude previously reported detections (demeton-s, dimethoate, phosmet, atrazine and cyanazine) and an exceedance (azinphos methyl) at Berenda Slough @ Ave 18 ½ due to a laboratory reporting error. All of these results are below the minimum detection level.	April 30, 2012	Table A, page 2 Table 35, page 112 Table 45, page 136 Appendices II and IV

Table 1. ESJWQC MRPP and QAPP amendments summary.

Original ESJWQC MRP and QAPP Plans submitted August 25, 2008 and approved September 15, 2008.

ITEM #	AMENDMENTS DESCRIPTIONS	DATE SUBMITTED	MRPP PAGE NUMBER	DATE APPROVED
1	Request to exchange sites: Exchanged Mootz Drain @ Langworth Rd for Mootz Drain downstream of Langworth Pond.	September 4, 2009	Table 4, page 30 Figure 11, page 32 Table 5, page 37 Figure 12, page 40 Verbiage, page 44-45 Table 7, page 47 Table 10, page 52 Table 11, page 55 Table 13, page 61 Attachment II	November 18, 2009
2	Request to submit quarterly monitoring results in electronic format ¹	May 6, 2010	Table 16, page 73 Verbiage, page 72	May 17, 2010
3	Request to stop monitoring at South Slough @ Quinley Rd.	June 5, 2009	Table 4, page 30 Figure 11, page 32 Table 5, page 37 Figure 12, page 40 Verbiage, page 44-45 Table 7, page 47 Table 10, page 52 Table 11, page 55 Table 13, page 61 Attachment II	June 3, 2010
4	Updated MRPP to consolidate all approved amendments since 9/15/2008 MRPP approval. Updates included type corrections as well.	October 20, 2010	Verbiage, page 8 Table 10, page 52 Table 12, page 58 Table 13, page 61 Table 14, page 66 Verbiage, page 59	February 23, 2011
5	Modification to Monitoring Strategy- Request to stop monitoring for certain Assessment constituents except during high Total Suspended Solids (TSS) events	Originally sent: May 14, 2009 Resent: November 11, 2010	Table 13, pg 63 Table 13B	May 6, 2011

ITEM #	AMENDMENTS DESCRIPTIONS	DATE SUBMITTED	MRPP PAGE NUMBER	DATE APPROVED
6	Modification to Monitoring Schedule-Request to remove Yori Grove Drain @ East Taylor Rd from the monitoring plan and replace site with Levee Drain @ Carpenter Rd.	December 28, 2011	Table 4, pg 31 Table 5, pg 37 Verbiage, pg 46 Table 7, pg 49 Table 10, pg 52	February 7, 2012
7	Updated associated tables to reflect the suspension of Core and Management Plan Monitoring and the reduction of Assessment Monitoring constituents.	April 30, 2012	Table 8, pg 50 Table 9, pg 51 Table 10, pgs 52-53 Table 12, pgs 60-62	April 17, 2012
MODIFICATIONS TO Original ESJWQC QAPP Plan				
1	QAPP updated to consolidate all approved amendments since 9/15/2008 QAPP approval. Updates include typo corrections.	October 20, 2010	Verbiage, page 2 Verbiage, page 8 Figure 1, page 11 Verbiage, page 26 Table 5, page 22 Table 8, page 26 Table 15, page 44 Table 16, page 45 Verbiage, page 49 Table 17, page 51 Table 18, page 53 Table 19, page 55 Verbiage, page 56 Figure 4, page 59 Appendices: XI-XXXII and, XXXV-XXXVII	February 23, 2011
2	QAPP updated method validation package for analysis of pyrethroids in sediment using GC/MS-NCI SIM.	December 6, 2010	Table 2, page 16 Table 13, page 40 Table 15, page 44 Table 16, page 45	February 18, 2011

¹ All deliverables are submitted electronically (quarterly monitoring data reports, Annual Monitoring Report, Annual Management Plan Update Report).

Table 2. Exceedances of pesticide WQTLs.

If a field duplicate and an environmental sample both exceeded the WQTL, only the environmental sample exceedance was included in this table. If an exceedance in the field duplicate sample and not the environmental sample occurred, the field duplicate result was included and noted by (FD) at the end of the station name. Red bolded values represent MPM exceedances.

STATION NAME	SAMPLE DATE	SEASON	SAMPLE TYPE ¹	CARBARYL	CHLORPYRIFOS	DDT	DIMETHOATE	DIURON
				2.53 µG/L	0.015 µG/L	0.00059 µG/L	1.0 µG/L	2.0 µG/L
Rodden Creek @ Rodden Rd	2/17/2011	Storm1	NM					2.3
Berenda Slough along Ave 18 1/2	4/19/2011	Irrigation1	NM		0.021			
Deadman Creek @ Hwy 59	4/19/2011	Irrigation1	NM		0.016			
Highline Canal @ Hwy 99	6/14/2011	Irrigation3	NM			0.013		
Merced River @ Santa Fe Rd	6/14/2011	Irrigation3	NM			0.012		
Prairie Flower Drain @ Crows Landing Rd	6/14/2011	Irrigation3	NM			0.017		
Rodden creek @ Rodden Rd	6/14/2011	Irrigation3	NM			0.021		
Prairie Flower Drain @ Crows Landing Rd	8/9/2011	Irrigation5	NM	13			10	
Prairie Flower Drain @ Crows Landing Rd	9/6/2011	Irrigation6	NM				1.1	
Deadman Creek @ Hwy 59	9/13/2011	Irrigation6	NM		0.049			
Normal Monitoring Exceedances				1	3	4	2	1
Non Contiguous Waterbody Exceedances ²				0	0	0	0	0
Management Plan Monitoring Exceedances ³				0	0	0	0	0
Total Exceedances				1	3	4	2	1

NM-Normal Monitoring

¹Sample type refers to the type of monitoring the constituent that exceeded the WQTL was undergoing during the month of monitoring.

²Non contiguous waterbody exceedances that occurred at an MPM site are counted in both MPM exceedance and non contiguous waterbody exceedance rows.

³Managment Plan Monitoring exceedance totals include sites either scheduled for MPM only or scheduled for NM and MPM.

Table 3. Zone 6 (Berenda Slough along Ave 18 1/2, Cottonwood Creek @ Rd 20 and Dry Creek @ Rd 18) exceedances

ZONE 6 STATION NAME	SAMPLE TYPE CODE	SAMPLE DATE	DO, mg/L	pH, NONE	E. coli MPN/100 mL	COPPER DISSOLVED, µg/L (HARDNESS BASED TRIGGER LIMIT)	CHLORPYRIFOS, µg/L
Berenda Slough along Ave 18 ½	NM	1/18/2011			520	6.8 (2.65)	
Berenda Slough along Ave 18 ½	NM	2/17/2011			400	3.6 (1.87)	
Berenda Slough along Ave 18 ½	NM, SED	3/17/2011	6.72				
Berenda Slough along Ave 18 ½	NM	4/19/2011				3.3 (1.36)	0.021
Berenda Slough along Ave 18 ½	NM	5/17/2011				3.8 (1.57)	
Berenda Slough along Ave 18 ½	NM	6/21/2011				3.6 (1.46)	
Berenda Slough along Ave 18 ½	MPM, NM	7/19/2011				2.6 (1.03)	
Berenda Slough along Ave 18 ½	NM	8/16/2011			290	2.3 (1.25)	
Berenda Slough along Ave 18 ½	MPM, NM, SED	9/13/2011			370	2.1 (1.46)	
Berenda Slough along Ave 18 ½	NM	10/11/2011	5.69		1600	4.2 (1.03)	
Berenda Slough along Ave 18 ½	NM	11/8/2011				3.1 (2.46)	
Berenda Slough along Ave 18 ½-FD	NM	11/8/2011				3.2 (2.26)	
Berenda Slough along Ave 18 ½	NM	12/6/2011				3.7 (3.38)	
Berenda Slough along Ave 18 ½-FD	NM	12/6/2011				3.6 (3.56)	
Cottonwood Creek @ Rd 20	MPM, NM	4/19/2011	6.70			4.6 (3.83)	
Cottonwood Creek @ Rd 20-FD	MPM, NM	4/19/2011				5.2 (3.65)	
Cottonwood Creek @ Rd 20	MPM, NM	5/17/2011				3.8 (3.02)	
Cottonwood Creek @ Rd 20-FD	MPM, NM	5/17/2011				3.8 (2.46)	
Cottonwood Creek @ Rd 20	MPM, NM	6/21/2011			550		
Cottonwood Creek @ Rd 20-FD	MPM, NM	6/21/2011			460	3.8 (3.74)	
Cottonwood Creek @ Rd 20	MPM, NM	7/19/2011				4.3 (3.56)	
Cottonwood Creek @ Rd 20-FD	MPM, NM	7/19/2011				4.2 (3.56)	
Cottonwood Creek @ Rd 20	MPM, NM	8/16/2011			250		
Cottonwood Creek @ Rd 20-FD	MPM, NM	8/16/2011			250		
Cottonwood Creek @ Rd 20	MPM, NM, SED	9/13/2011				5.8 (3.20)	
Cottonwood Creek @ Rd 20	NM	10/11/2011			>2400	4.1 (3.56)	
Cottonwood Creek @ Rd 20-FD	NM	10/11/2011			>2400	3.8 (3.74)	
Dry Creek @ Rd 18	MPM	1/18/2011				12 (8.65)	
Dry Creek @ Rd 18	MPM	2/17/2011		8.71			
Dry Creek @ Rd 18	MPM	4/19/2011				3.9 (3.2)	
Dry Creek @ Rd 18	MPM	5/17/2011				2.9 (1.36)	
Dry Creek @ Rd 18	MPM	6/21/2011				4.8 (1.03)	
Dry Creek @ Rd 18	MPM	7/19/2011				4.3 (0.81)	
Dry Creek @ Rd 18	MPM	8/16/2011				5.0 (0.81)	
Dry Creek @ Rd 18	MPM, SED	9/13/2011				4.6 (1.03)	

DO-Dissolved Oxygen

FD- Field Duplicate

MPM- Management Plan Monitoring

NM-Normal Monitoring

SED- Sediment monitoring

ESJWQC March 1, 2012 AMR

Amended on April 30, 2012

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