

Monitoring Type	Site Name	Station Code	Sample Date	TDS, (450 mg/L)	Copper, Dissolved (based on hardness)	Nitrate-Nitrite, as N (10 mg/L)
NM, MPM	Berenda Slough along Ave 18 1/2	545XBSAAE	6/12/2012		5.70 (3.02)	
NM	Levee Drain @ Carpenter Rd	535XLDACR	6/12/2012	570		13
NM	McCoy Lateral @ Hwy 140	535XMLAHO	6/12/2012		2.70 (2.07)	

MPM-Management Plan Monitoring

NM- Normal Monitoring

Monitoring Type	Site Name	Station Code	Sample Date	TDS, (450 mg/L)
NM, MPM	Berenda Slough along Ave 18 1/2	545XBSAAE	6/12/2012	
NM	Deadman Creek @ Hwy 59	535DMCAHF	6/12/2012	
NM	Highline Canal @ Lombardy Rd	535XHCALR	6/12/2012	
NM	Levee Drain @ Carpenter Rd	535XLDACR	6/12/2012	570
NM	McCoy Lateral @ Hwy 140	535XMLAHO	6/12/2012	
NM	Rodden Creek @ Rodden Rd	535XRCARD	6/12/2012	
NM	Rodden Creek @ Rodden Rd-FD	535XRCARD	6/12/2012	

FD- field duplicate

J- estimated value; between laboratory reporting limit and minimum detection limit

MPM-Management Plan Monitoring

NM- Normal Monitoring

Ammonia, (1.5 mg/L or variable based on pH/temp)	Copper, Dissolved (based on hardness)	Zinc , Dissolved (based on hardness)	Copper, Total (1,300 ug/L)	Nitrate- Nitrite, as N (10 mg/L)
	5.70 (3.02)			
				13
	2.70 (2.07)			

StationCode	Hardness	Copper	Zinc	Copper	Copper E	Zinc Limit	Zinc Exc
545XBSAAE	28.00	5.70	1.20	3.0179	TRUE	40.17633	FALSE
535DMCAHF	140.00	0.62	0.00	11.939	FALSE	157.1113	FALSE
535XHCALR	12.00	0.44	0.00	1.4631	FALSE	19.59673	FALSE
535XLDACR	210.00	2.20	1.30	16.883	FALSE	221.5183	FALSE
535XMLAHO	18.00	2.70	0.00	2.0689	TRUE	27.6303	FALSE
535XRCARD	28.00	0.75	0.00	3.0179	FALSE	40.17633	FALSE
535XRCARD-FD	28.00	0.76	0.00	3.0179	FALSE	40.17633	FALSE

*WQTL calculated based off of hardness for dissolved metals

NT - not tested, refer to comment

Cadmium - 5 ug/L

Copper 1,300 ug/L

Lead - 15 ug/L

Nickel - 100 ug/L

***Dissolved Metals are calculated here.**

StationCode	Ammonia	pH	Water Temp	Ammonia			
545XBSAAE	0.120	6.94	20.43	0.008746	2.110043	1.94683	4.124922
535DMCAHF	0.120	7.44	23.10	0.02083	1.589201	1.638959	2.638774
535XHCALR	0.000	7.31	19.96	0.017032	1.752898	2.006726	3.551763
535XLDACR	0.360	7.66	29.70	0.02792	1.283572	1.070947	1.404539
535XMLAHO	0.110	7.13	21.68	0.012505	1.948	1.79609	3.521243
535XRCARD	0.055	7.86	17.10	0.034489	1.000428	2.413059	2.497318
535XRCARD-FD	0.077	7.86	17.10	0.034489	1.000428	2.413059	2.497318

***Ammonia limit 1.5 mg/L or variable for pH above 7.6**

maximum (early life stages absent)

FALSE
FALSE
FALSE
FALSE
FALSE
FALSE
FALSE