

SJCDWQC Management Plan Completion Request

Appendix I: Monitoring Results

Site Name	Station Code	Latitude	Longitude
Duck Creek @ Highway 4	531XDCAHF	37.94949	-121.18208
Lone Tree Creek @ Jack Tone Rd	531XLTCJR	37.83754	-121.14460
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	531UDLTAJ	37.85360	-121.14570
Terminus Tract Drain @ Hwy 12	544XTTHWT	38.11558	-121.49380
Kellogg Creek along Hoffman Lane	544XKCAHL	37.88188	-121.65221
Sand Creek @ Hwy 4 Bypass	544SCAHFB	37.94750	-121.74300

Exceedances are in bolded RED

Station Name	Sample Date	Water Column Toxicity to <i>C. dubia</i> (% survival)	Sediment Toxicity to <i>H. azteca</i> (% survival)
Duck Creek @ Hwy 4	8/24/2004	111	
Duck Creek @ Hwy 4	9/23/2004	105	101
Duck Creek @ Hwy 4	5/16/2006	100	
Duck Creek @ Hwy 4	6/20/2006	105	
Duck Creek @ Hwy 4	7/18/2006	100	
Duck Creek @ Hwy 4	8/15/2006	105	103
Duck Creek @ Hwy 4	9/19/2006	0	
Duck Creek @ Hwy 4	2/11/2007	100	
Duck Creek @ Hwy 4	2/28/2007	105	
Duck Creek @ Hwy 4	3/6/2007		91
Duck Creek @ Hwy 4	4/10/2007	105	
Duck Creek @ Hwy 4	5/22/2007	100	
Duck Creek @ Hwy 4	6/12/2007	100	
Duck Creek @ Hwy 4	7/10/2007	100	
Duck Creek @ Hwy 4	8/7/2007	100	88
Duck Creek @ Hwy 4	9/4/2007	100	
Duck Creek @ Hwy 4	1/23/2008	100	
Duck Creek @ Hwy 4	4/15/2008	0	
Duck Creek @ Hwy 4	5/13/2008	100	
Duck Creek @ Hwy 4	6/10/2008	100	
Duck Creek @ Hwy 4	7/15/2008	0	
Duck Creek @ Hwy 4	8/12/2008	100	
Duck Creek @ Hwy 4	8/13/2008		100
Duck Creek @ Hwy 4	9/16/2008	100	
Duck Creek @ Hwy 4	10/14/2008	100	
Duck Creek @ Hwy 4	11/4/2008	100	
Duck Creek @ Hwy 4	12/9/2008	100	
Duck Creek @ Hwy 4	1/13/2009	100	
Duck Creek @ Hwy 4	2/10/2009	100	
Duck Creek @ Hwy 4	2/10/2009	100	
Duck Creek @ Hwy 4	3/10/2009	100	
Duck Creek @ Hwy 4	4/14/2009	100	
Duck Creek @ Hwy 4	7/14/2009	0	
Duck Creek @ Hwy 4	9/15/2009	100	
Duck Creek @ Hwy 4	4/13/2010	100	
Duck Creek @ Hwy 4	7/13/2010	100	
Duck Creek @ Hwy 4	9/7/2010	100	
Duck Creek @ Hwy 4	9/14/2010		17
Duck Creek @ Hwy 4	4/12/2011	95	
Duck Creek @ Hwy 4	7/26/2011	100	
Duck Creek @ Hwy 4	9/20/2011	35	
Duck Creek @ Hwy 4	1/17/2012	100	
Duck Creek @ Hwy 4	2/14/2012	100	
Duck Creek @ Hwy 4	3/15/2012	105	68
Duck Creek @ Hwy 4	4/12/2012	100	

Duck Creek @ Hwy 4	5/16/2012	100	
Duck Creek @ Hwy 4	6/19/2012	100	
Duck Creek @ Hwy 4	7/17/2012	100	
Duck Creek @ Hwy 4	8/21/2012	100	
Duck Creek @ Hwy 4	9/18/2012	95	0
Duck Creek @ Hwy 4	10/16/2012	100	
Duck Creek @ Hwy 4	11/7/2012	100	
Duck Creek @ Hwy 4	12/3/2012	100	
Duck Creek @ Hwy 4	3/18/2013		91
Duck Creek @ Hwy 4	4/2/2013	100	
Duck Creek @ Hwy 4	7/16/2013	100	
Duck Creek @ Hwy 4	9/17/2013	100	96
Duck Creek @ Hwy 4	3/5/2014		100
Duck Creek @ Hwy 4	4/15/2014	Dry	
Duck Creek @ Hwy 4	7/15/2014	105	
Duck Creek @ Hwy 4	9/16/2014	100	98
Duck Creek @ Hwy 4	3/17/2015		100
Duck Creek @ Hwy 4	4/21/2015	95	
Duck Creek @ Hwy 4	7/21/2015	100	
Duck Creek @ Hwy 4	9/15/2015	100	100
Duck Creek @ Hwy 4	4/19/2016	Dry	Dry
Duck Creek @ Hwy 4	7/19/2016	100	
Duck Creek @ Hwy 4	9/20/2016	100	94

Station Name	Sample Date	SC, >700 (Apr-Aug), >1000 (Sep-Mar) µs/cm
Kellogg Creek along Hoffman Ln	9/20/2005	443
Kellogg Creek along Hoffman Ln	2/27/2006	1761
Kellogg Creek along Hoffman Ln	3/15/2006	1207
Kellogg Creek along Hoffman Ln	3/24/2006	675
Kellogg Creek along Hoffman Ln	4/27/2006	1030
Kellogg Creek along Hoffman Ln	5/16/2006	157.5
Kellogg Creek along Hoffman Ln	6/20/2006	142
Kellogg Creek along Hoffman Ln	7/18/2006	185
Kellogg Creek along Hoffman Ln	8/15/2006	238
Kellogg Creek along Hoffman Ln	9/19/2006	266
Kellogg Creek along Hoffman Ln	2/11/2007	482
Kellogg Creek along Hoffman Ln	2/28/2007	551
Kellogg Creek along Hoffman Ln	3/7/2007	526
Kellogg Creek along Hoffman Ln	4/11/2007	307
Kellogg Creek along Hoffman Ln	5/22/2007	393
Kellogg Creek along Hoffman Ln	6/12/2007	468
Kellogg Creek along Hoffman Ln	6/20/2007	488
Kellogg Creek along Hoffman Ln	7/10/2007	256
Kellogg Creek along Hoffman Ln	8/7/2007	407
Kellogg Creek along Hoffman Ln	8/9/2007	419
Kellogg Creek along Hoffman Ln	9/4/2007	624
Kellogg Creek along Hoffman Ln	9/25/2007	543
Kellogg Creek along Hoffman Ln	1/23/2008	Dry
Kellogg Creek along Hoffman Ln	3/18/2008	582
Kellogg Creek along Hoffman Ln	4/9/2008	530
Kellogg Creek along Hoffman Ln	4/15/2008	521
Kellogg Creek along Hoffman Ln	4/30/2008	489
Kellogg Creek along Hoffman Ln	5/13/2008	411
Kellogg Creek along Hoffman Ln	6/10/2008	527
Kellogg Creek along Hoffman Ln	7/8/2008	317
Kellogg Creek along Hoffman Ln	7/15/2008	283
Kellogg Creek along Hoffman Ln	8/12/2008	402
Kellogg Creek along Hoffman Ln	8/13/2008	421
Kellogg Creek along Hoffman Ln	9/16/2008	578
Kellogg Creek along Hoffman Ln	2/8/2011	Dry
Kellogg Creek along Hoffman Ln	3/8/2011	740
Kellogg Creek along Hoffman Ln	4/12/2011	217
Kellogg Creek along Hoffman Ln	5/24/2011	212
Kellogg Creek along Hoffman Ln	7/26/2011	163
Kellogg Creek along Hoffman Ln	8/23/2011	204.3
Kellogg Creek along Hoffman Ln	9/20/2011	194.8
Kellogg Creek along Hoffman Ln	10/14/2011	203.9
Kellogg Creek along Hoffman Ln	2/14/2012	554.4
Kellogg Creek along Hoffman Ln	3/15/2012	557.7
Kellogg Creek along Hoffman Ln	4/12/2012	525.2



Kellogg Creek along Hoffman Ln	5/16/2012	424.5
Kellogg Creek along Hoffman Ln	7/17/2012	258
Kellogg Creek along Hoffman Ln	8/21/2012	355.5
Kellogg Creek along Hoffman Ln	9/18/2012	570
Kellogg Creek along Hoffman Ln	2/21/2013	469.8
Kellogg Creek along Hoffman Ln	3/19/2013	420.7
Kellogg Creek along Hoffman Ln	4/2/2013	371.9
Kellogg Creek along Hoffman Ln	5/21/2013	333.3
Kellogg Creek along Hoffman Ln	8/20/2013	519
Kellogg Creek along Hoffman Ln	9/17/2013	610
Kellogg Creek along Hoffman Ln	3/5/2014	804
Kellogg Creek along Hoffman Ln	4/15/2014	457
Kellogg Creek along Hoffman Ln	5/20/2014	490.2
Kellogg Creek along Hoffman Ln	8/19/2014	575
Kellogg Creek along Hoffman Ln	9/16/2014	631
Kellogg Creek along Hoffman Ln	3/17/2015	407.2
Kellogg Creek along Hoffman Ln	9/15/2015	762

StationName	SampleDate	Chlorpyrifos, > 0.015 µg/L
Lone Tree Creek @ Jack Tone Rd	8/24/2004	ND
Lone Tree Creek @ Jack Tone Rd	9/23/2004	ND
Lone Tree Creek @ Jack Tone Rd	2/16/2005	0.014
Lone Tree Creek @ Jack Tone Rd	3/21/2005	ND
Lone Tree Creek @ Jack Tone Rd	5/17/2005	ND
Lone Tree Creek @ Jack Tone Rd	6/21/2005	ND
Lone Tree Creek @ Jack Tone Rd	7/19/2005	0.036
Lone Tree Creek @ Jack Tone Rd	8/16/2005	0.019
Lone Tree Creek @ Jack Tone Rd	9/20/2005	ND
Lone Tree Creek @ Jack Tone Rd	2/27/2006	0.014
Lone Tree Creek @ Jack Tone Rd	3/15/2006	0.013
Lone Tree Creek @ Jack Tone Rd	5/16/2006	ND
Lone Tree Creek @ Jack Tone Rd	6/20/2006	ND
Lone Tree Creek @ Jack Tone Rd	7/18/2006	0.019
Lone Tree Creek @ Jack Tone Rd	8/15/2006	ND
Lone Tree Creek @ Jack Tone Rd	9/19/2006	ND
Lone Tree Creek @ Jack Tone Rd	2/11/2007	0.052
Lone Tree Creek @ Jack Tone Rd	2/28/2007	ND
Lone Tree Creek @ Jack Tone Rd	4/10/2007	ND
Lone Tree Creek @ Jack Tone Rd	5/22/2007	ND
Lone Tree Creek @ Jack Tone Rd	6/12/2007	0.011
Lone Tree Creek @ Jack Tone Rd	7/10/2007	0.035
Lone Tree Creek @ Jack Tone Rd	7/30/2007	0.01
Lone Tree Creek @ Jack Tone Rd	8/7/2007	ND
Lone Tree Creek @ Jack Tone Rd	8/28/2007	ND
Lone Tree Creek @ Jack Tone Rd	9/4/2007	ND
Lone Tree Creek @ Jack Tone Rd	1/23/2008	1.7
Lone Tree Creek @ Jack Tone Rd	4/15/2008	ND
Lone Tree Creek @ Jack Tone Rd	5/13/2008	ND
Lone Tree Creek @ Jack Tone Rd	6/10/2008	ND
Lone Tree Creek @ Jack Tone Rd	7/15/2008	ND
Lone Tree Creek @ Jack Tone Rd	8/12/2008	ND
Lone Tree Creek @ Jack Tone Rd	9/16/2008	ND
Lone Tree Creek @ Jack Tone Rd	7/14/2009	ND
Lone Tree Creek @ Jack Tone Rd	8/11/2009	0.1
Lone Tree Creek @ Jack Tone Rd	1/13/2010	1.1
Lone Tree Creek @ Jack Tone Rd	2/9/2010	ND
Lone Tree Creek @ Jack Tone Rd	6/8/2010	ND
Lone Tree Creek @ Jack Tone Rd	7/13/2010	0.27
Lone Tree Creek @ Jack Tone Rd	8/10/2010	0.015
Lone Tree Creek @ Jack Tone Rd	9/7/2010	0.0086
Lone Tree Creek @ Jack Tone Rd	10/12/2010	ND
Lone Tree Creek @ Jack Tone Rd	11/9/2010	ND
Lone Tree Creek @ Jack Tone Rd	12/7/2010	ND
Lone Tree Creek @ Jack Tone Rd	1/11/2011	ND
Lone Tree Creek @ Jack Tone Rd	2/8/2011	ND

Lone Tree Creek @ Jack Tone Rd	7/26/2011	ND
Lone Tree Creek @ Jack Tone Rd	8/23/2011	ND
Lone Tree Creek @ Jack Tone Rd	1/17/2012	ND
Lone Tree Creek @ Jack Tone Rd	2/14/2012	ND
Lone Tree Creek @ Jack Tone Rd	7/17/2012	ND
Lone Tree Creek @ Jack Tone Rd	8/21/2012	ND
Lone Tree Creek @ Jack Tone Rd	1/15/2013	ND
Lone Tree Creek @ Jack Tone Rd	2/21/2013	ND
Lone Tree Creek @ Jack Tone Rd	7/16/2013	0.026
Lone Tree Creek @ Jack Tone Rd	8/20/2013	ND
Lone Tree Creek @ Jack Tone Rd	1/28/2014	ND
Lone Tree Creek @ Jack Tone Rd	2/11/2014	ND
Lone Tree Creek @ Jack Tone Rd	7/15/2014	ND
Lone Tree Creek @ Jack Tone Rd	8/19/2014	ND
Lone Tree Creek @ Jack Tone Rd	1/20/2015	ND
Lone Tree Creek @ Jack Tone Rd	2/9/2015	ND
Lone Tree Creek @ Jack Tone Rd	7/21/2015	ND
Lone Tree Creek @ Jack Tone Rd	8/18/2015	ND
Lone Tree Creek @ Jack Tone Rd	7/19/2016	ND
Lone Tree Creek @ Jack Tone Rd	8/16/2016	ND
Lone Tree Creek @ Jack Tone Rd	9/20/2016	ND

Station Name	Sample Date	Sediment Toxicity to <i>H. azteca</i> (% survival)
Sand Creek @ Hwy 4 Bypass	8/15/2006	0
Sand Creek @ Hwy 4 Bypass	3/6/2007	4
Sand Creek @ Hwy 4 Bypass	8/9/2007	0
Sand Creek @ Hwy 4 Bypass	3/18/2008	0
Sand Creek @ Hwy 4 Bypass	8/13/2008	2
Sand Creek @ Hwy 4 Bypass	3/8/2011	29
Sand Creek @ Hwy 4 Bypass	10/14/2011	79
Sand Creek @ Hwy 4 Bypass	3/15/2012	63
Sand Creek @ Hwy 4 Bypass	9/18/2012	95
Sand Creek @ Hwy 4 Bypass	3/19/2013	90
Sand Creek @ Hwy 4 Bypass	9/17/2013	92
Sand Creek @ Hwy 4 Bypass	3/5/2014	96
Sand Creek @ Hwy 4 Bypass	9/16/2014	98
Sand Creek @ Hwy 4 Bypass	3/17/2015	96
Sand Creek @ Hwy 4 Bypass	9/15/2015	Dry
Sand Creek @ Hwy 4 Bypass	4/19/2016	102
Sand Creek @ Hwy 4 Bypass	9/20/2016	Dry
Sand Creek @ Hwy 4 Bypass	1/1/2008	
Sand Creek @ Hwy 4 Bypass	2/1/2008	
Sand Creek @ Hwy 4 Bypass	3/1/2008	
Sand Creek @ Hwy 4 Bypass	4/1/2008	
Sand Creek @ Hwy 4 Bypass	5/1/2008	
Sand Creek @ Hwy 4 Bypass	6/1/2008	
Sand Creek @ Hwy 4 Bypass	7/1/2008	
Sand Creek @ Hwy 4 Bypass	8/1/2008	
Sand Creek @ Hwy 4 Bypass	9/1/2008	
Sand Creek @ Hwy 4 Bypass	10/1/2008	
Sand Creek @ Hwy 4 Bypass	11/1/2008	
Sand Creek @ Hwy 4 Bypass	12/1/2008	
Sand Creek @ Hwy 4 Bypass	1/1/2009	
Sand Creek @ Hwy 4 Bypass	1/1/2010	

Station Name	Sample Date	Sediment Toxicity to <i>H. azteca</i> (% survival)
Terminus Tract Drain @ Hwy 12	5/17/2005	97
Terminus Tract Drain @ Hwy 12	7/19/2005	96
Terminus Tract Drain @ Hwy 12	9/20/2005	101
Terminus Tract Drain @ Hwy 12	4/27/2006	94
Terminus Tract Drain @ Hwy 12	8/15/2006	105
Terminus Tract Drain @ Hwy 12	3/6/2007	95
Terminus Tract Drain @ Hwy 12	8/9/2007	94
Terminus Tract Drain @ Hwy 12	3/16/2010	101
Terminus Tract Drain @ Hwy 12	9/7/2010	45
Terminus Tract Drain @ Hwy 12	10/14/2011	109
Terminus Tract Drain @ Hwy 12	3/15/2012	107
Terminus Tract Drain @ Hwy 12	9/18/2012	107
Terminus Tract Drain @ Hwy 12	3/19/2013	97
Terminus Tract Drain @ Hwy 12	9/17/2013	48
Terminus Tract Drain @ Hwy 12	3/5/2014	100
Terminus Tract Drain @ Hwy 12	9/16/2014	98
Terminus Tract Drain @ Hwy 12	3/17/2015	100
Terminus Tract Drain @ Hwy 12	9/15/2015	107
Terminus Tract Drain @ Hwy 12	4/19/2016	104
Terminus Tract Drain @ Hwy 12	9/20/2016	92
Terminus Tract Drain @ Hwy 13	1/1/2008	
Terminus Tract Drain @ Hwy 14	1/1/2009	
Terminus Tract Drain @ Hwy 15	2/1/2009	
Terminus Tract Drain @ Hwy 16	6/1/2009	

Station Name	Sample Date	Diuron, > 2 µg/L	Sediment Toxicity to <i>H. azteca</i> (% survival)
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	6/20/2006	ND	
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	7/18/2006	ND	
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	8/15/2006	ND	101
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	9/19/2006	ND	
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	2/11/2007	19	
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	2/28/2007	29	
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	3/6/2007		95
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	4/10/2007	1.6	
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	5/22/2007	1.5	
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	6/12/2007	ND	
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	7/10/2007	ND	
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	8/7/2007	ND	
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	8/9/2007		61
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	9/4/2007	ND	
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	1/23/2008	7.7	
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	3/18/2008		54
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	4/15/2008	0.72	
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	5/13/2008	0.54	
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	6/10/2008	0.29	
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	7/15/2008	ND	
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	8/12/2008	ND	
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	8/13/2008		87.2
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	9/16/2008	ND	
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	1/13/2010	0.62	
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	2/9/2010	0.26	
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	9/7/2010		76
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	1/11/2011	ND	
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	2/8/2011	0.25	
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	3/8/2011		33
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	10/14/2011		46
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	1/17/2012	0.46	
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	2/14/2012	2.4	
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	3/15/2012		106
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	1/15/2013	ND	
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	2/21/2013	Dry	
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	9/18/2012		10
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	3/19/2013		94
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	9/17/2013		94
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	1/28/2014	ND	
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	2/11/2014	ND	
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	3/5/2014		96
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	9/16/2014		94
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	11/18/2014	ND	
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	12/4/2014	ND	
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	1/20/2015	ND	

Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	2/9/2015	0.23	
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	3/17/2015		96
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	9/15/2015		96
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	11/10/2015	ND	
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	12/8/2015	Dry	
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	1/6/2016	1.5	
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	2/18/2016	0.64	
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	4/19/2016		88
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	9/20/2016		86
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	1/1/2009		