

Citizen Based Monitoring									
Station ID	10037206	10037204	10007870	10013160	10020957	10014241	10038073	10010908	233001
Stream	North Fork Juda Branch	North Fork Juda Branch	North Fork Juda Branch	Juda Branch	Riley School Branch	Juda Branch	Sylvester Creek	Sylvester Creek	Sugar River
Sample Location	Balls Mill Rd	20 meters upstream of PGP and Grande discharge	Upstream of confluence with the Juda Branch, County Hwy S	Upstream of confluence with the North Fork, Cty Hwy S	Upstream of confluence with the Juda Branch, Bagley Road	Upstream of confluence with Sylvester Creek, Cty Hwy OK	Upstream of confluence with the Juda Branch, Cty Hwy OK	Ten Eyck Rd	Ten Eyck Rd
Flow (cuft/second)									
08/11/12	dry	0.7	2.8	2.2	0.7	11	13.7		
09/15/12	dry	0.5	0.5	2	0.6	7.4	11		
10/21/12	dry	0.4	1.4	3.8	2.1	9.9	13.8		
05/17/13		2.6	4.1	5.6	1.3	23.8	31.5		
06/14/13		2.3	4.2	77.2	36.7	15.3	31.1		
07/16/13		3.0	4.1	4.5	2.8	11.4	24.6		
08/13/13		1.8	3.6	3	1.6	11	19.4		
09/14/13		1.3	2.4	3.2	1.3	10.6	15.6		
10/14/13		2.1	3.3	3.3	1.5	10.2	11.4		
05/13/14		1.0	2.5	2.6	1.1	10.9	21		
06/14/14		0.7	1.7	7.8	5.4	11.6	12.1		
07/12/14		2.0	3.5	4.9	1.6	11.4	30.7		
08/11/14		1.0	2.7	3.8	1.5	7.7	13.8		
09/11/14		1.9	4.8	3.6	1.5	11	14.8		
10/12/14		1.3	2.95	2.4	1.6	25			
Dissolve Oxygen (mg/L)									
08/11/12		9.92	8.41	9.07	9.3	10.75	11.14		
09/15/12		10.18	8.95	9.65	9.93	11.88	14.13		
10/21/12		11.94	9.83	7.3	7.75	13.25	15.74		
05/17/13		13.5	12.12	11.94	11.42	11.25	13.9		
06/14/13		8.5	8.11	*	*	9.14	10.84		
07/16/13		9.12	8.9	9.6	9.43	9.6	11.2		
08/13/13		9.73	8.92	9.96	10.44	11.8	12.33		
09/14/13		10.7	9.81	10.08	10.32	11.5	11.95		
10/14/13		9.82	7.9	10.16	10.28	15.1	15.8		
05/13/14		15.91	9.99	11.36	11.25	12.45	14.5		
06/14/14		8.92	8.3	8.78	7.19	9.92	11.24		
07/12/14	7.4	10.19	9.52	9.11	9.04	10.75	12.3		
08/11/14		9.73	9.19	8.78	7.8	12.53	11.4		
09/11/14		9.77	9	9.95	9.65	10.67	11.45		
10/12/14		10.71	11.2	10.38	10.3	10.88	10.9		
Dissolve Oxygen (% Saturation)									
08/11/12		99.7%	92.9%	88.2%	92.7%	109.2%	116.6%		
09/15/12		111.3%	97.3%	89.8%	95.7%	113.7%	151.4%		
10/21/12		111.2%	100.1%	70.8%	75.5%	126.2%	153.0%		
05/17/13		137.8%	125.0%	117.1%	112.3%	123.8%	155.5%		
06/14/13		93.3%	90.7%	*	*	103.0%	124.9%		
07/16/13		102.0%	99.3%	93.8%	95.8%	106.3%	127.0%		
08/13/13		102.3%	93.8%	94.9%	102.4%	124.6%	134.6%		
09/14/13		108.0%	105.8%	91.7%	95.9%	115.6%	122.5%		
10/14/13		94.0%	84.1%	88.8%	89.5%	141.9%	148.8%		
05/13/14		166.0%	110.6%	102.3%	107.9%	119.4%	140.3%		
06/14/14		95.8%	95.4%	88.4%	73.9%	111.4%	129.8%		
07/12/14		102.6%	100.1%	90.4%	93.1%	116.1%	136.2%		
08/11/14		102.1%	102.0%	90.4%	83.4%	137.9%	128.3%		
09/11/14		95.0%	93.4%	89.4%	88.8%	104.0%	111.8%		
10/12/14				88.9%	90.8%	103.7%	103.6%		
Water Temp (degrees C)									
08/11/12		14.3	18.8	12.8	13.9	14.8	16.2		
09/15/12		18.3	18.0	10.9	12.4	12.1	17.3		
10/21/12		10.9	14.9	12.7	12.9	11.9	12.8		
05/17/13		15.0	15.5	13.2	13.3	18.6	19.4		
06/14/13		18.5	19.4	17.5	17.7	19.8	20.9		
07/16/13		19.4	19.3	13.0	14.8	18.9	20.1		
08/13/13		16.4	16.4	11.9	13.2	16.6	18.2		
09/14/13		14.5	17.6	9.9	10.8	14.3	15.2		
10/14/13		12.1	17.0	7.9	8.1	11.3	11.4		
05/13/14		16.2	18.9	9.5	12.2	12.2	12.6		
06/14/14		17.4	20.8	14.4	15.3	19.6	21.0		
07/12/14	10.5	14.4	16.4	13.7	15.4	17.7	18.9		
08/11/14		16.3	19.0	15.4	17.2	18.6	19.7		
09/11/14		12.8	15.8	9.4	10.4	12.9	13.0		
10/12/14		10.8	13.3	7.4	8.6	11.9	11.8		
Habitat Index									
08/11/12		22	31	31	33				
05/18/13		20	21	29	27				
06/17/13				26	27	41	42		
10/19/13									
05/10/14		21	27	26	27				
10/12/14		18	31	26	27	41	42		

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Biotic Index									
10/08/12		2	1.8	2	2.8	2.5	2.8		
05/17/13		1.4	1.5	2					
06/17/13					2	2.5	2.4		
09/16/13						2.4	2.4		
10/19/13				2.4	2.2				
05/10/14		1.6	2.125		2.3				
06/16/14				2		2.4	2.6		
10/12/14		1.6	1.9	2	2	2.75	2.4		
Phosphorus (ppm)									
05/10/12	0.042	0.1460	0.9580						0.1640
06/21/12	0.202	0.2440	0.3990						0.1730
07/21/12	dry	0.1300	0.1190						0.1780
08/11/12	dry	0.0830	0.6580	0.0390	0.1090	0.2660	0.0710		0.1580
09/15/12	dry	0.0680	1.6100	0.0380	0.1000	0.4910	0.0500		0.1410
10/21/12	dry	0.0890	0.1210	0.7660	0.2730	0.0730	0.1370		0.1350
11/19/12									0.0400
12/17/12									0.0580
01/15/13									0.1340
02/13/13									0.2950
03/20/13									0.1700
04/16/13									0.1880
05/17/13	0.0489	0.0941	0.2230	0.0480	0.0692	0.0907	0.0364	0.0614	0.1120
06/14/13	0.0453	0.1500	0.1660	0.8580	0.7480	0.0948	0.0634	0.0911	0.1670
07/16/13	0.0423	0.1160	0.1590	0.0681	0.1380	0.0874	0.0563	0.0889	0.1300
08/13/13	0.0466	0.1070	0.1040	0.0637	0.0724	0.0642	0.0410	0.0584	0.1070
09/14/13	0.0537	0.1040	0.1260	0.0585	0.0699	0.0935	0.1130	0.0634	
10/14/13	dry	0.1690	0.2810	0.0569	0.0617	0.0835	0.0555	0.0483	
05/13/14	0.0735	0.0876	0.1980	0.0410	0.0543	0.0684	0.0515		
05/23/14		0.1510	0.1900	0.0564	0.0571	0.0850	0.0590		
06/14/14		0.1390	0.2440	0.1240	0.1480	0.1100	0.0666		
06/26/14	0.0488	0.1910	0.1450	0.0683	0.1050	0.0941	0.1120		
07/12/14	0.0484	0.1220	0.1480	0.0972	0.0933	0.0897	0.0748		
07/24/14		0.1360	0.1560	0.0624	0.0839	0.0689	0.0418		
08/11/14	0.0479	0.1480	0.1520	0.0879	0.2850	0.0703	0.0505		
08/28/14		0.2430	0.2340	0.0878	0.1460	0.1460	0.1080		
09/17/14	0.0482	0.1830	0.4010	0.0780	0.1410	0.1140	0.0621		
09/26/14		0.1330	0.1990	0.0547	0.1130	0.0995	0.0537		
10/20/14		0.1050	0.2120	0.0556	0.0895	0.0807	0.0486		
10/17/14	0.0569	0.1200	0.1800	0.0550	0.1020	0.0939	0.0653		
Transparency (NTUs)									
05/20/13		9	9	9		9	9		
06/17/13					185	9	9		
07/16/13		27	14	17	30	9	9		
08/13/13		15	9	15	9	9	9		
09/14/13		9	9	13	9	9	9		
10/14/13		9	9	21	9	9	9		
05/13/14			9	9	9	9	9		
06/14/14		11	9	17	15	9	9		
07/12/14		12	9	35	17	9	9		
08/11/14		19	9	9	13	9	9		
09/11/14		9	9	10	15	9	9		
10/12/14		9	9	11	12	11	10		