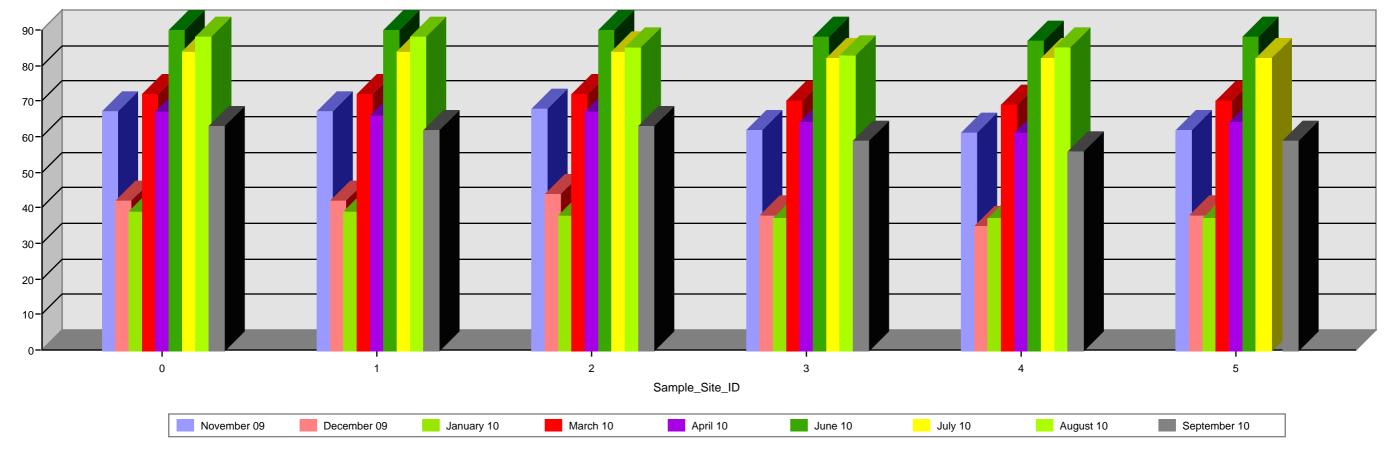


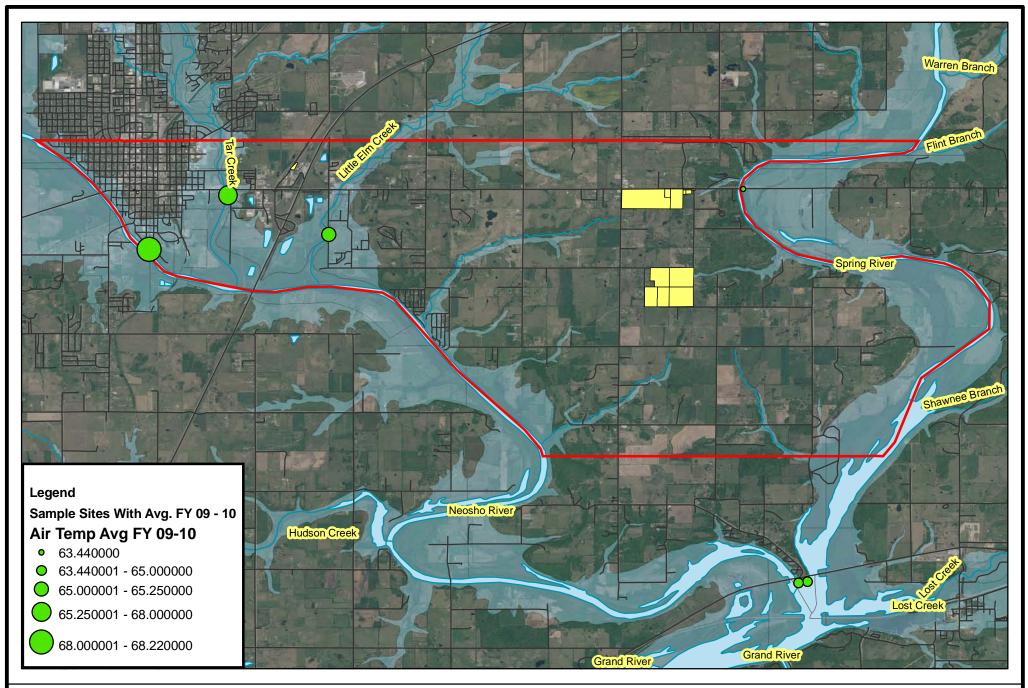
Air Temperature Results (Degrees Fahrenheit) FY 09-10

Sample Site ID	November 09	December 09	January 10	March 10	April 10	June 10	July 10	August 10	September 10
Tar Creek	67.00	42.00	39.00	72.00	67.00	84.00	90.00	88.00	63.00
Little Elm Creek	67.00	42.00	39.00	72.00	66.00	84.00	90.00		62.00
Neosho River Site 1	68.00	44.00	38.00	72.00	67.00	84.00	90.00	88.00	63.00
Neosho River Site 2	62.00	38.00	37.00	70.00	64.00	82.00	88.00	85.00	59.00
Spring River Site 1	61.00	35.00	37.00	69.00	61.00	82.00	87.00	83.00	56.00
Spring River Site 2	62.00	38.00	37.00	70.00	64.00	82.00	88.00	85.00	59.00

Samples were not collected in October, 2009 due to flooding and in February & May of 2010 due to weather conditions.

Air Temperature (Degrees Fahrenheit) FY 09-10





Air Temperature (Degrees F) FY 2009 - 2010 Average

Ottawa Tribe of Oklahoma Environmental Department



0 45	5 910	1,820	2,730	3,640 Meters
		Contac	t Informa	ation
	Drawn By:	Lori Bail	еу	
Design By:	Phone:	918-541	-1902	
Wind	Date:	October	29, 2010	

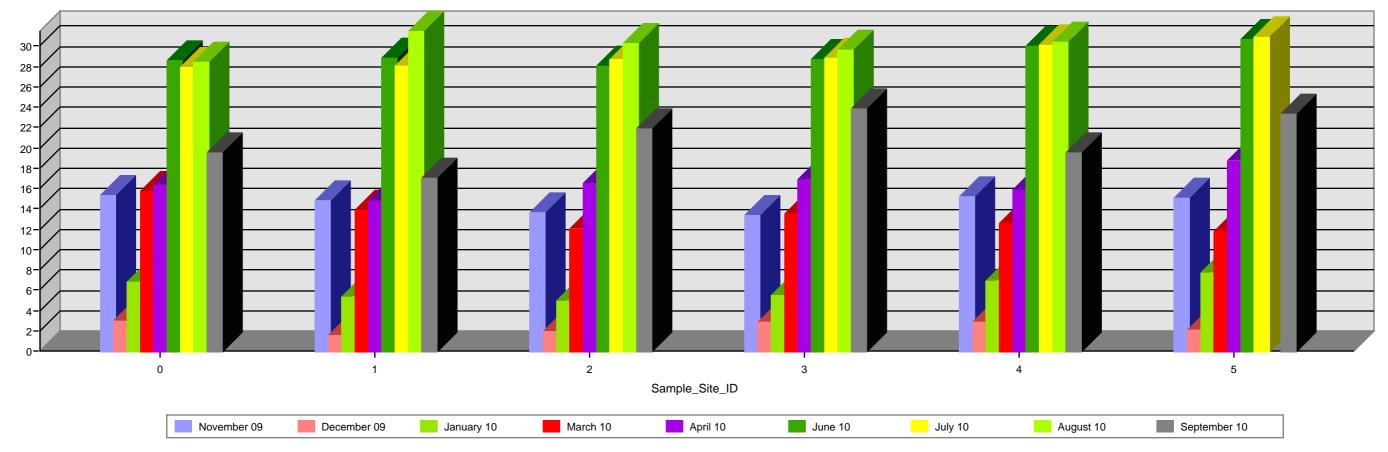


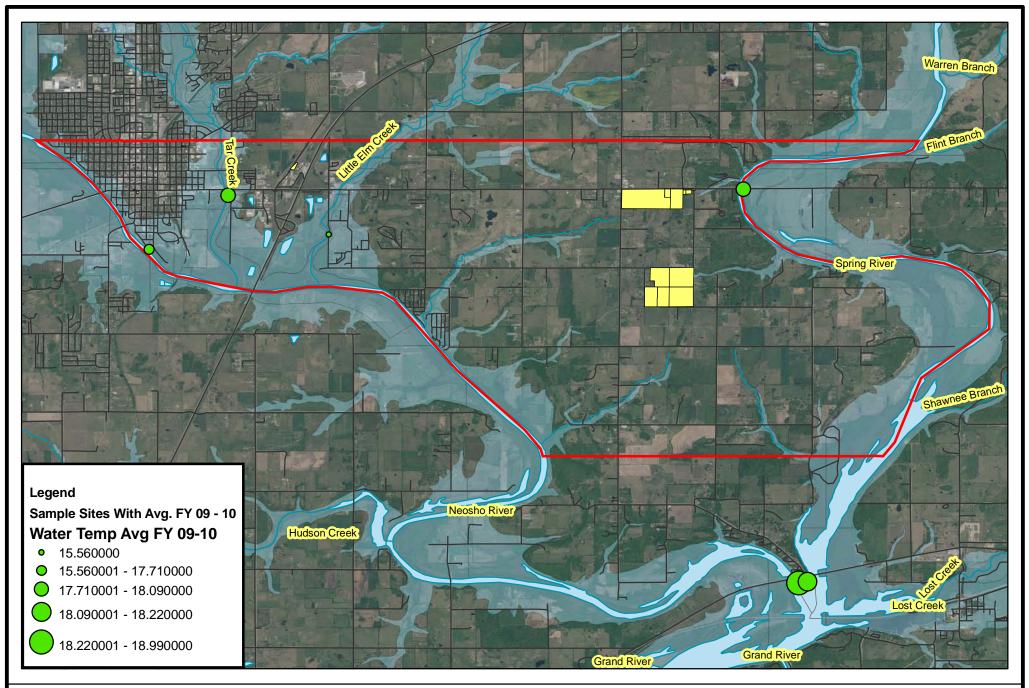
Water Temperature (Degrees Celsius) FY 09-10 10/29/2010

Sample Site ID	November 09	December 09	January 10	March 10	April 10	June 10	July 10	August 10	September 10
Tar Creek	15.33	3.06	6.77	15.68	16.45	28.58	27.93	28.48	19.59
Little Elm Creek	14.81	1.56	5.35	13.97	14.78	28.85	28.08		17.06
Neosho River Site 1	13.63	2.02	5.03	12.04	16.49	28.08	28.74	31.49	21.88
Neosho River Site 2	13.39	2.86	5.55	13.51	16.91	28.76	28.88	30.28	23.83
Spring River Site 1	15.25	2.84	7.00	12.59	15.82	30.00	30.21	29.60	19.53
Spring River Site 2	15.11	2.10	7.68	11.80	18.77	30.69	31.02	30.39	23.33

Samples were not collected in October, 2009 due to flooding and in February & May of 2010 due to weather conditions.

Water Temperature (Degrees Celsius) FY 09-10





Water Temperature (Degrees C) FY 2009 - 2010 Average

Ottawa Tribe of Oklahoma Environmental Department



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		Meters
		Contact Information
	Drawn By:	Lori Bailey
Design By:	Phone:	918-541-1902
Wind	Date:	October 29, 2010

2,730

3.640

1,820

010

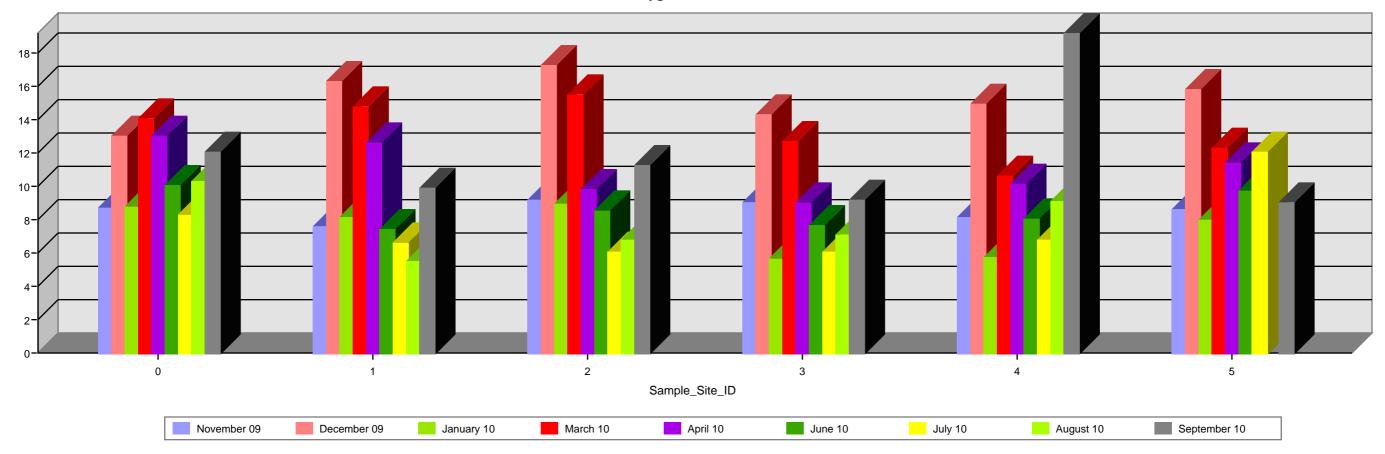


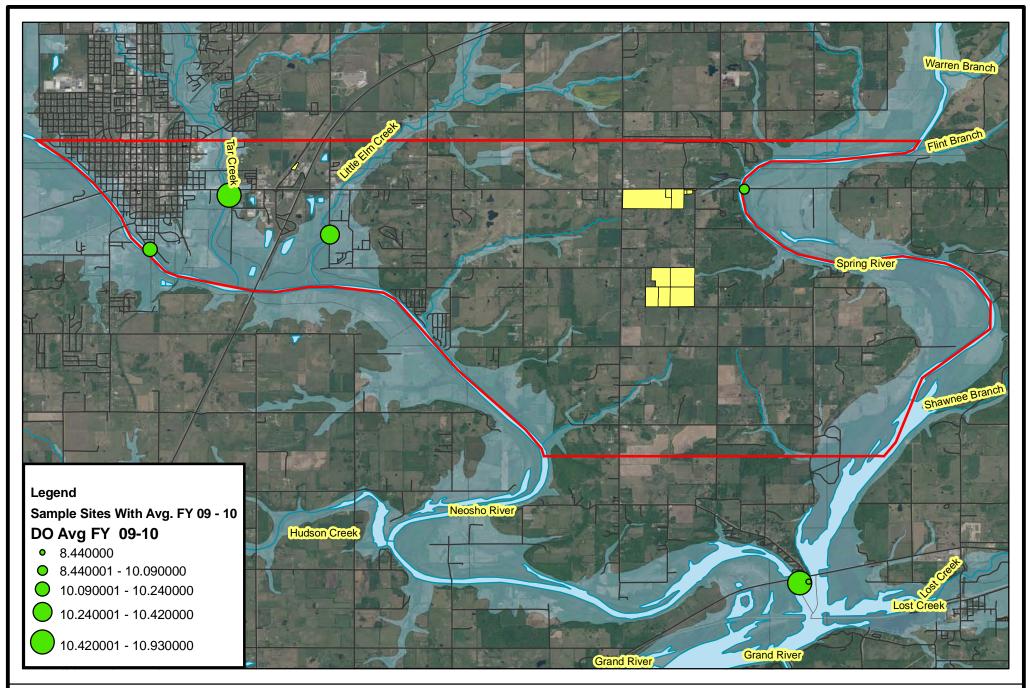
Dissolved Oxygen FY 09-10 10/29/2010

Sample Site ID	November 09	December 09	January 10	March 10	April 10	June 10	July 10	August 10	September 10
Tar Creek	8.72	13.04	8.78	14.07	13.00	10.09	8.33	10.32	12.08
Little Elm Creek	7.60	16.29	8.13	14.81	12.60	7.40	6.65		9.91
Neosho River Site 1	9.23	17.24	8.97	15.51	9.85	8.54	6.09	5.48	11.25
Neosho River Site 2	9.04	14.29	5.68	12.75	9.05	7.65	6.06	6.83	9.19
Spring River Site 1	8.16	14.99	5.74	10.67	10.12	8.09	6.78	7.12	19.19
Spring River Site 2	8.67	15.84	8.01	12.28	11.43	9.77	12.10	9.09	9.02

Samples were not collected in October, 2009 due to flooding and in February & May of 2010 due to weather conditions.

Dissolved Oxygen FY 09-10

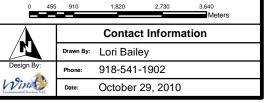




Dissolved Oxygen FY 2009 - 2010 Average

Ottawa Tribe of Oklahoma Environmental Department





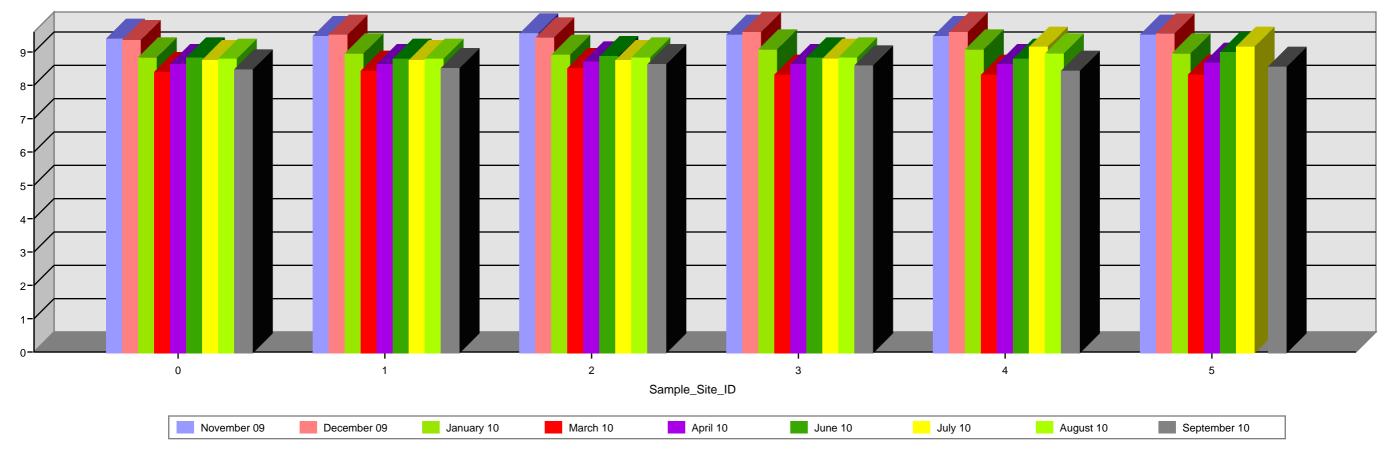


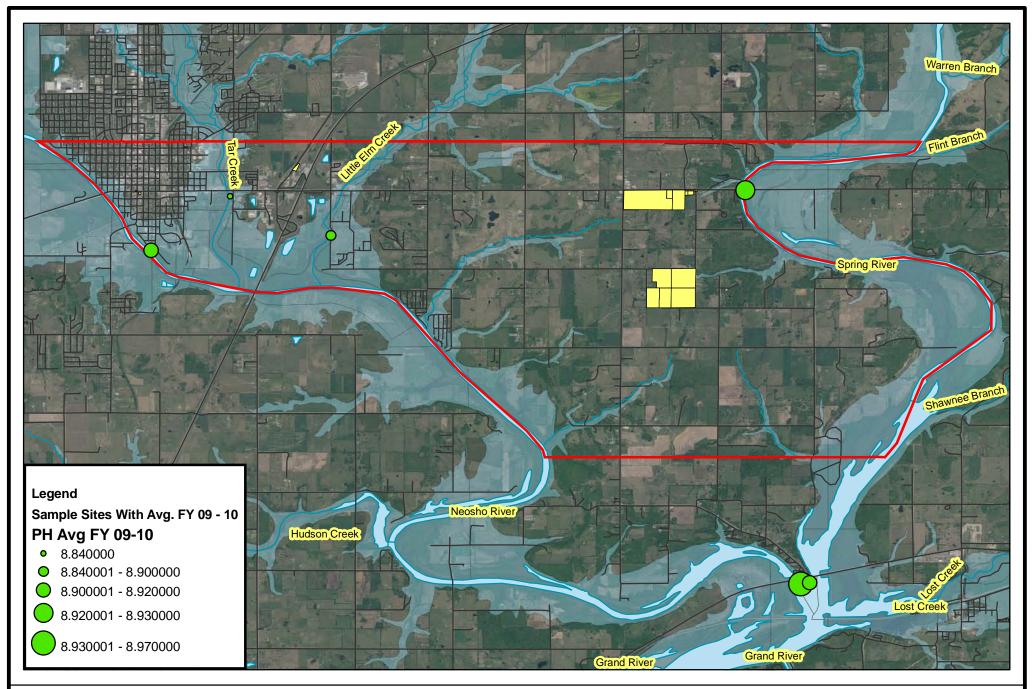
10/29/2010

Sample Site ID	November 09	December 09	January 10	March 10	April 10	June 10	July 10	August 10	September 10
Tar Creek	9.41	9.36	8.84	8.39	8.65	8.86	8.76	8.79	8.50
Little Elm Creek	9.48	9.53	8.98	8.45	8.66	8.81	8.76		8.52
Neosho River Site 1	9.56	9.43	8.92	8.51	8.73	8.88	8.76	8.81	8.66
Neosho River Site 2	9.54	9.61	9.07	8.34	8.66	8.83	8.82	8.84	8.59
Spring River Site 1	9.50	9.61	9.07	8.33	8.63	8.79	9.18	8.84	8.43
Spring River Site 2	9.51	9.56	8.97	8.34	8.70	8.99	9.15	8.97	8.56

Samples were not collected in October, 2009 due to flooding and in February & May of 2010 due to weather conditions.

PH Results FY 09-10





PH Results FY 2009 - 2010 Average

Ottawa Tribe of Oklahoma Environmental Department



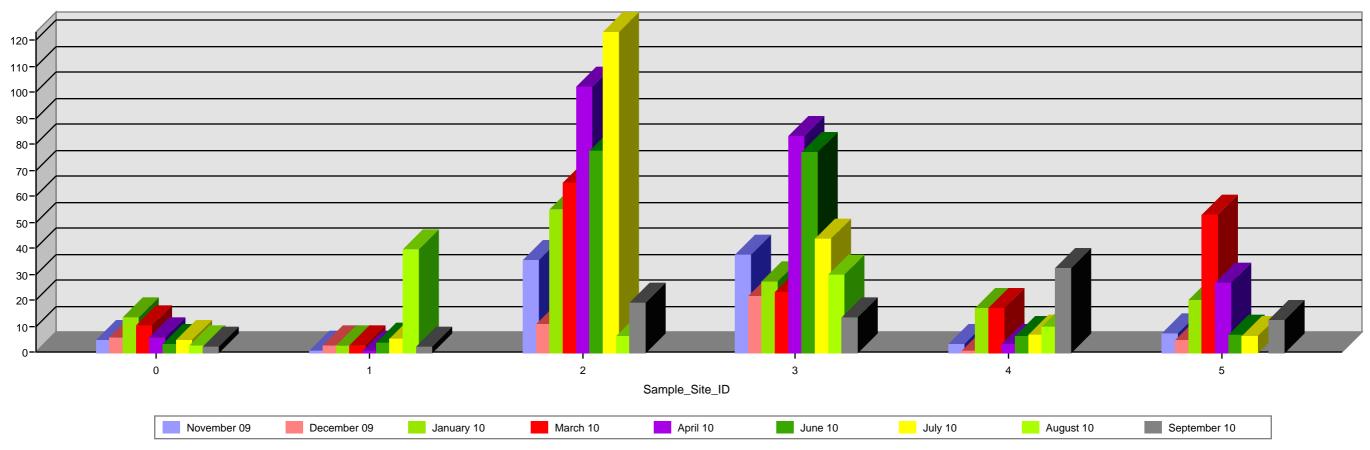
0 455	910	1,820	2,730	3,640 Meters
		Contac	t Informa	ation
	Drawn By:	Lori Bail	еу	
Design By:	Phone:	918-541	-1902	
Wind	Date:	October	29, 2010	

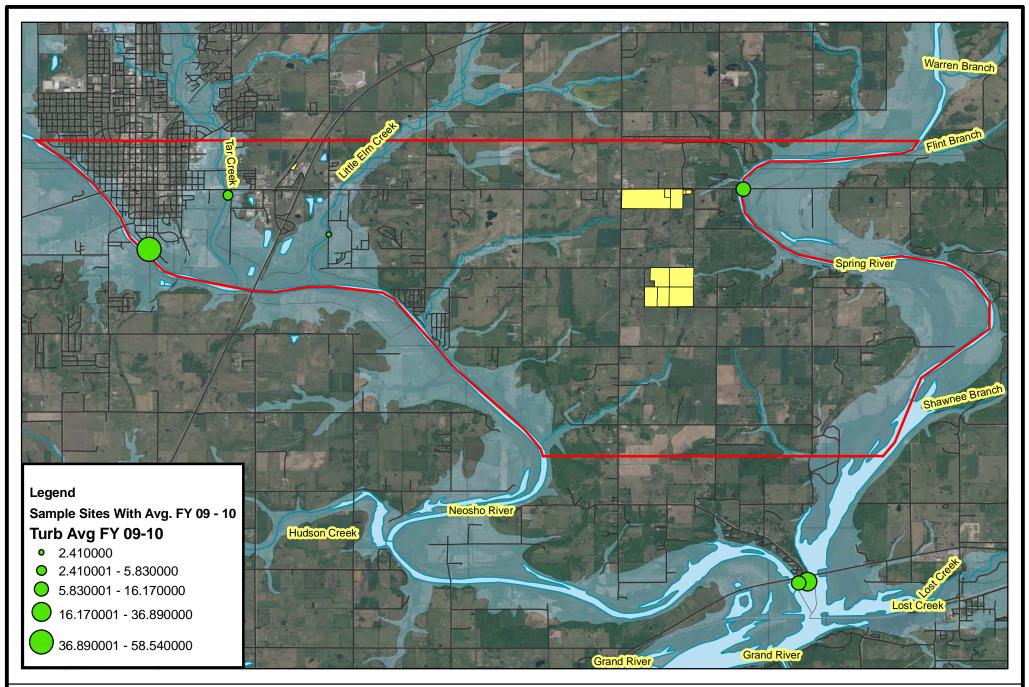


Sample Site ID	November 09	December 09	January 10	March 10	April 10	June 10	July 10	August 10	September 10	
Tar Creek	4.70	5.70	13.50	10.30	5.60	3.30	4.40	2.80	2.20	
Little Elm Creek	0.60	2.70	2.50	2.60	0.60	3.50	4.90		1.90	
Neosho River Site 1	35.50	10.70	54.90	65.10	102.10	77.30	123.10	39.40	18.80	
Neosho River Site 2	37.20	21.40	27.10	23.00	83.30	76.70	43.70	6.20	13.40	
Spring River Site 1	3.20	0.70	16.90	16.70	3.20	6.30	6.50	29.50	32.10	
Spring River Site 2	7.00	4.60	19.90	52.70	26.70	6.50	6.10	9.60	12.40	

Samples were not collected in October, 2009 due to flooding and in February & May of 2010 due to weather conditions.

Turbidity (NTU) FY 09-10





Turbidity (NTU) FY 2009 - 2010 Average

Ottawa Tribe of Oklahoma Environmental Department



0 455	910	1,820	2,730	3,640 Meters	
		Contac	t Informa	ation	
	Drawn By:	Lori Bail	еу		
Design By:	Phone:	918-541	-1902		
Wind	Date:	October	29, 2010		



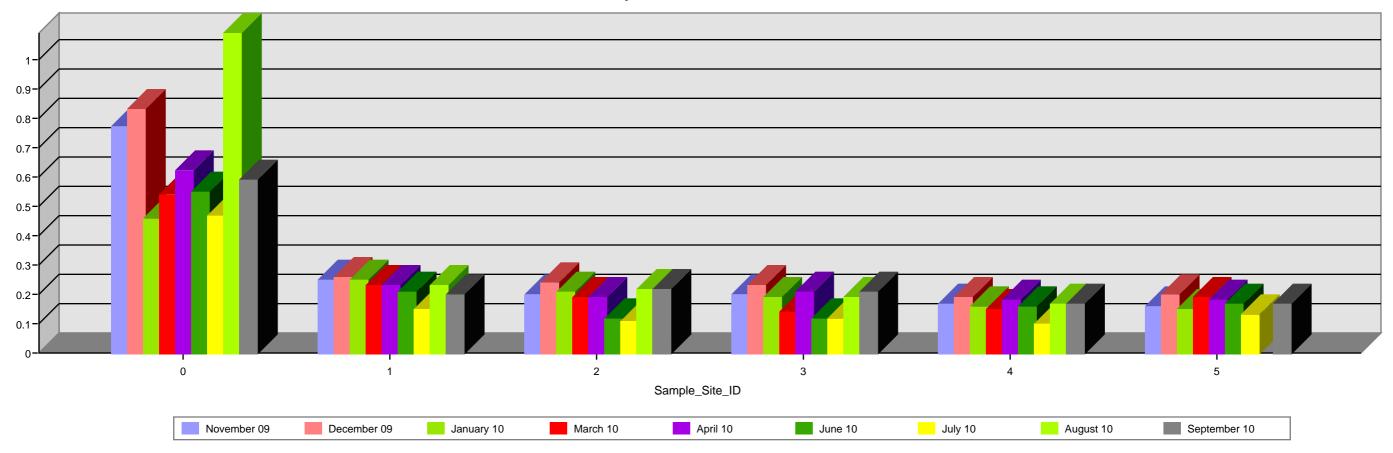
Salinity Results FY 09-10

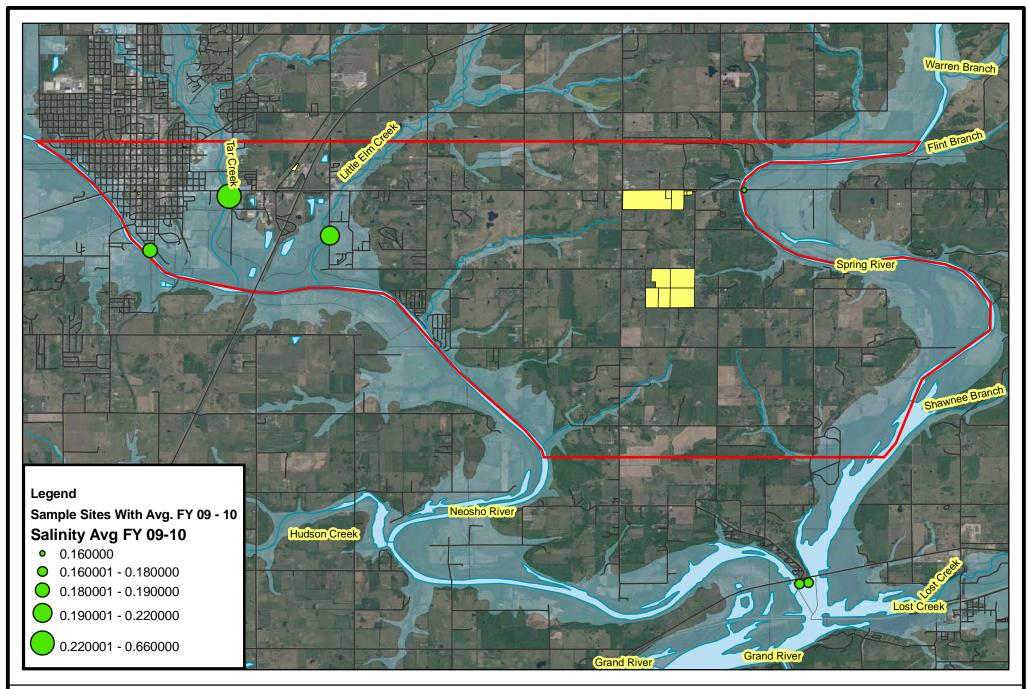
10/29/2010

Sample Site ID	November 09	December 09	January 10	March 10	April 10	June 10	July 10	August 10	September 10
Tar Creek	0.77	0.83	0.46	0.54	0.62	0.55	0.47	1.09	0.59
Little Elm Creek	0.25	0.26	0.25	0.23	0.23	0.21	0.15		0.20
Neosho River Site 1	0.20	0.24	0.21	0.19	0.19	0.12	0.11	0.23	0.22
Neosho River Site 2	0.20	0.23	0.19	0.14	0.21	0.12	0.12	0.22	0.21
Spring River Site 1	0.17	0.19	0.16	0.15	0.18	0.16	0.10	0.19	0.17
Spring River Site 2	0.16	0.20	0.15	0.19	0.18	0.17	0.13	0.17	0.17

Samples were not collected in October, 2009 due to flooding and in February & May of 2010 due to weather conditions.

Salinity Results FY 09-10

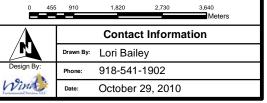




Salinity Results FY 2009 - 2010 Average

Ottawa Tribe of Oklahoma Environmental Department





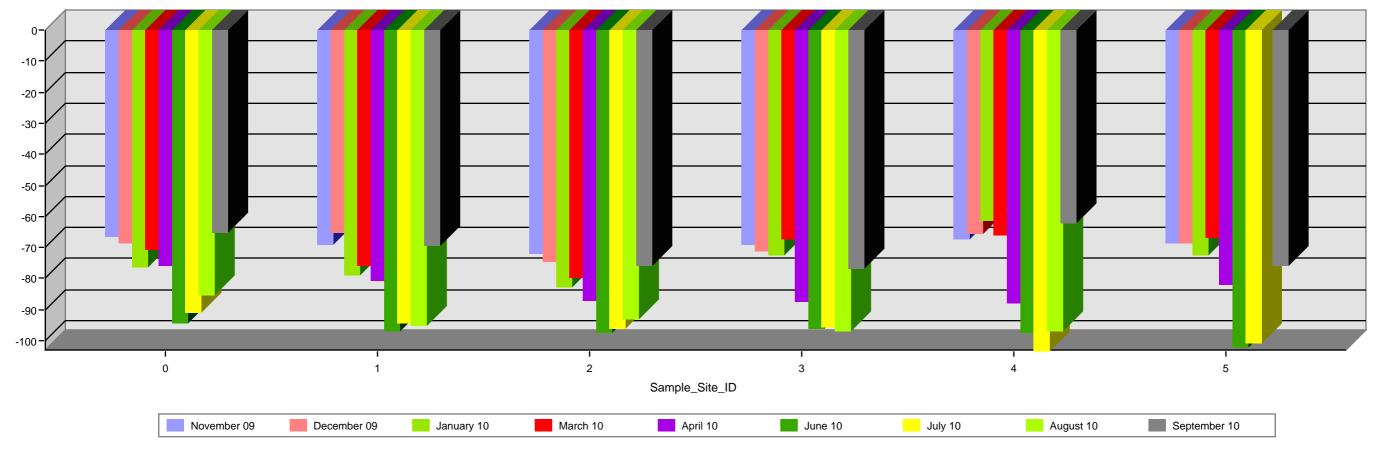


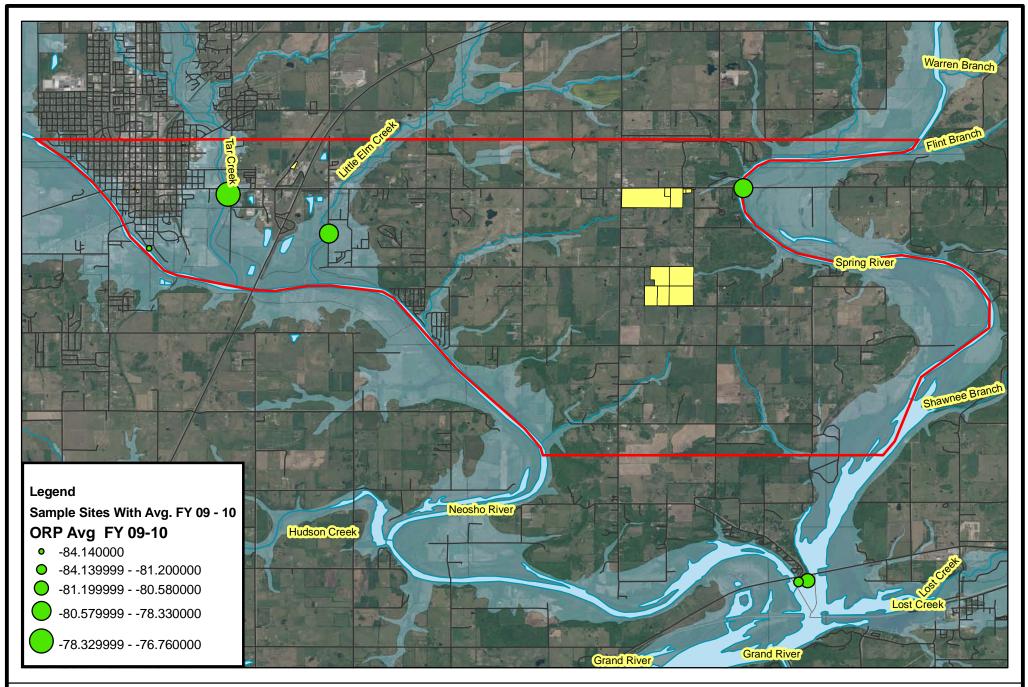
10/29/2010

Sample Site ID	November 09	December 09	January 10	March 10	April 10	June 10	July 10	August 10	September 10
Tar Creek	-66.10	-68.10	-76.10	-70.50	-75.60	-93.80	-90.60	-85.10	-64.90
Little Elm Creek	-68.80	-64.90	-78.40	-75.40	-80.40	-96.50	-93.90		-68.90
Neosho River Site 1	-71.60	-74.20	-82.20	-79.60	-86.80	-97.00	-95.70	-94.80	-75.40
Neosho River Site 2	-68.80	-70.70	-71.90	-66.80	-87.10	-95.60	-95.10	-92.80	-76.40
Spring River Site 1	-67.00	-65.40	-61.10	-65.60	-87.70	-96.90	-103.00	-96.70	-61.60
Spring River Site 2	-68.40	-68.20	-72.10	-66.50	-81.60	-101.60	-100.40	-96.60	-75.40

Samples were not collected in October, 2009 due to flooding and in February & May of 2010 due to weather conditions.

ORP Results FY 09-10

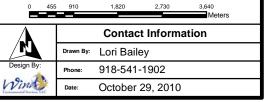




ORP Results FY 2009 - 2010 Average

Ottawa Tribe of Oklahoma Environmental Department







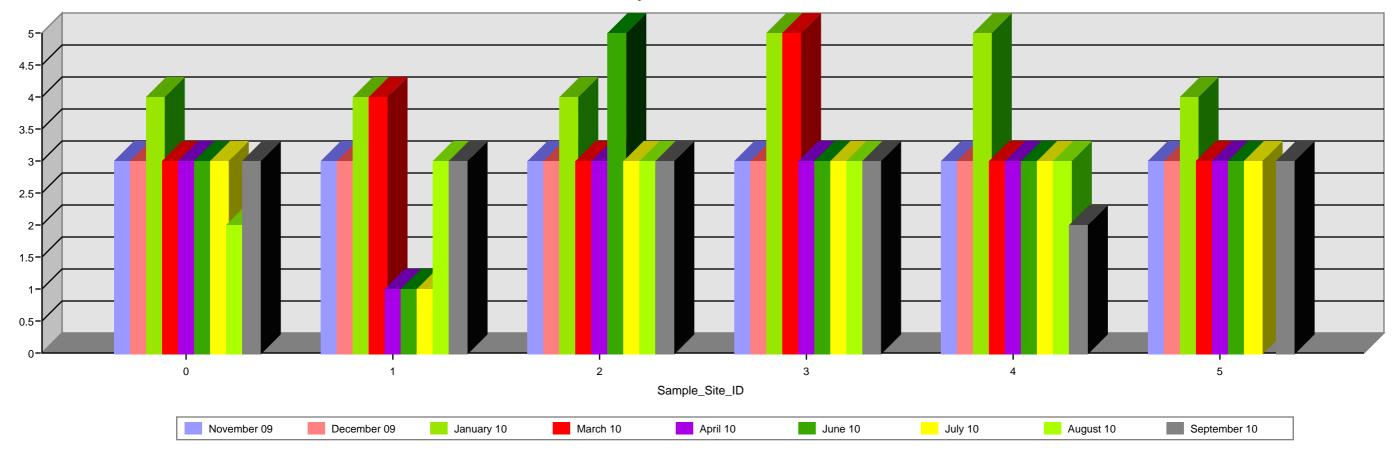
Flow Severity Results FY 09-10

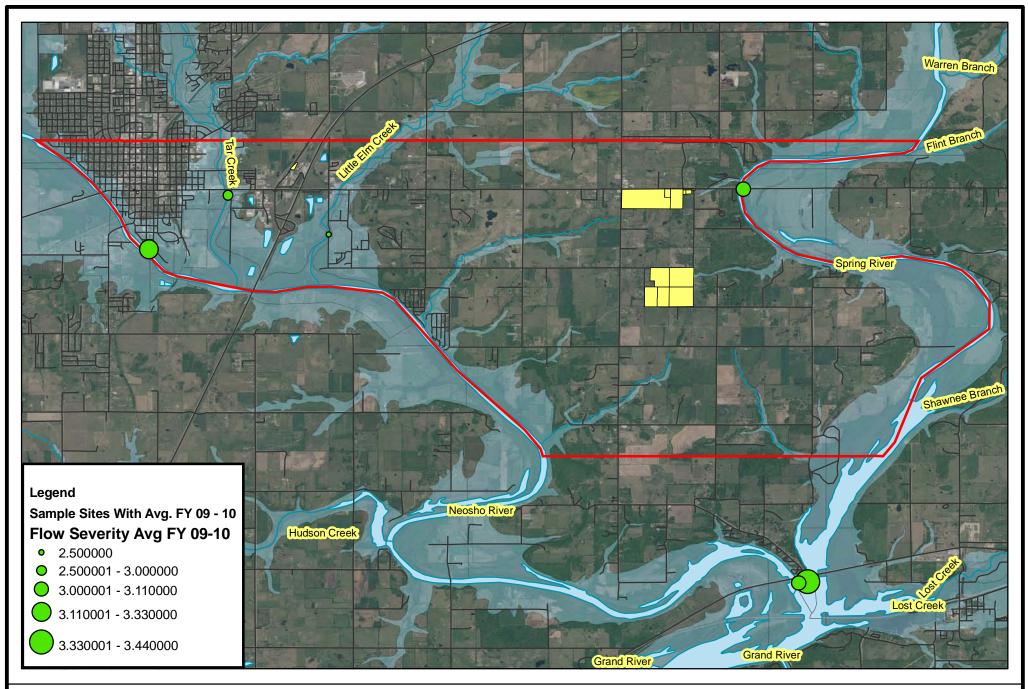
10/29/2010

Sample Site ID	November 09	December 09	January 10	March 10	April 10	June 10	July 10	August 10	September 10
Tar Creek	3.00	3.00	4.00	3.00	3.00	3.00	3.00	2.00	3.00
Little Elm Creek	3.00	3.00	4.00	4.00	1.00	1.00	1.00		3.00
Neosho River Site 1	3.00	3.00	4.00	3.00	3.00	5.00	3.00	3.00	3.00
Neosho River Site 2	3.00	3.00	5.00	5.00	3.00	3.00	3.00	3.00	3.00
Spring River Site 1	3.00	3.00	5.00	3.00	3.00	3.00	3.00	3.00	2.00
Spring River Site 2	3.00	3.00	4.00	3.00	3.00	3.00	3.00	3.00	3.00

Samples were not collected in October, 2009 due to flooding and in February & May of 2010 due to weather conditions.

Flow Severity Results FY 09-10





Flow Severity Results FY 2009 - 2010 Average

Ottawa Tribe of Oklahoma Environmental Department



	5 910	1,820	2,730	3,640 Meters	
		Contac	t Informa	ation	
	Drawn By:	Lori Bail	еу		
Design By:	Phone:	918-541	-1902		
Wind	Date:	October	29, 2010		



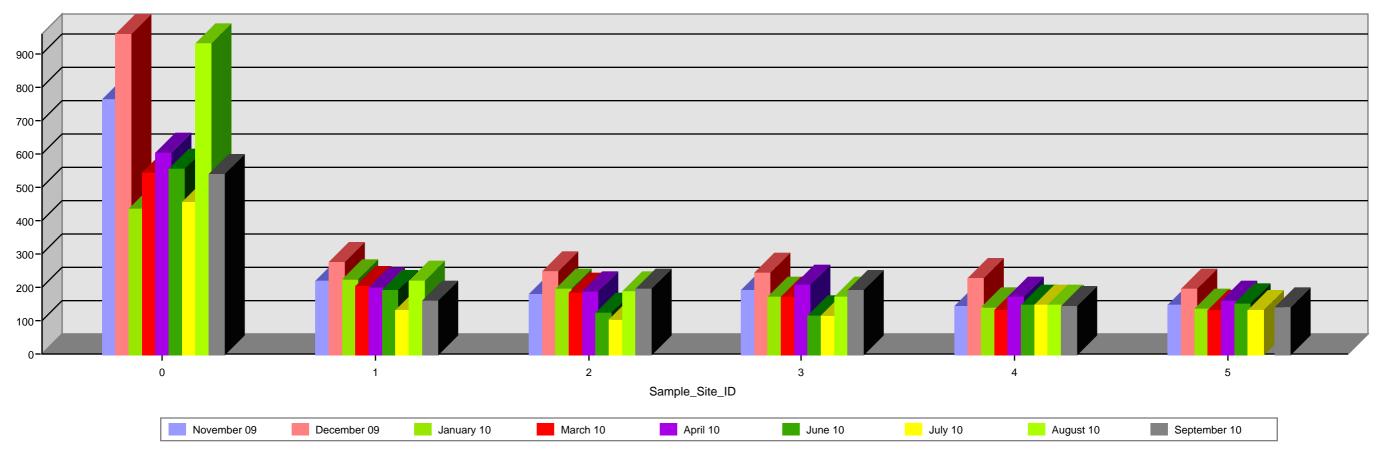
Total Hardness Results FY 09-10

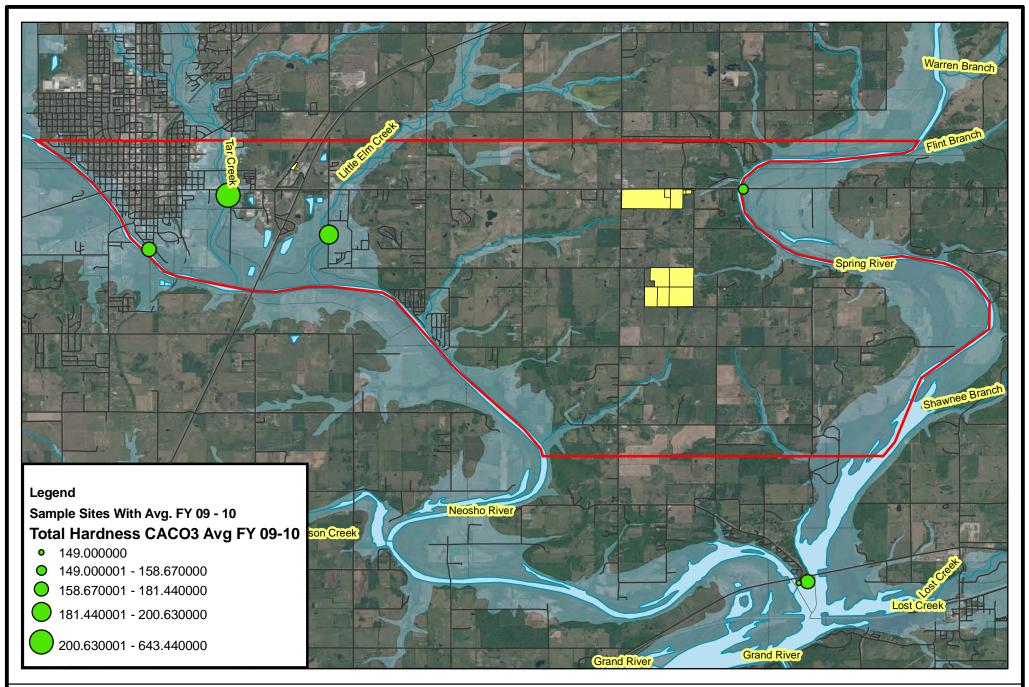
10/29/2010

Sample Site ID	November 09	December 09	January 10	March 10	April 10	June 10	July 10	August 10	September 10
Tar Creek	762.00	960.00	437.00	543.00	605.00	558.00	456.00	930.00	540.00
Little Elm Creek	219.00	275.00	225.00	204.00	200.00	191.00	130.00		161.00
Neosho River Site 1	179.00	247.00	198.00	185.00	186.00	122.00	104.00	218.00	194.00
Neosho River Site 2	192.00	242.00	170.00	172.00	208.00	116.00	114.00	189.00	191.00
Spring River Site 1	143.00	227.00	138.00	130.00	172.00	150.00	150.00	173.00	145.00
Spring River Site 2	147.00	197.00	137.00	130.00	160.00	152.00	132.00	146.00	140.00

Samples were not collected in October, 2009 due to flooding and in February & May of 2010 due to weather conditions.

Total Hardness Results FY 09-10





Total Hardness Results FY 2009 - 2010 Average

Ottawa Tribe of Oklahoma Environmental Department



0 455	910	1,820	2,730	3,640 Meters	
		Contac	t Informa	ation	
	Drawn By:	Lori Bail	еу		
Design By:	Phone:	918-541	-1902		
Wind	Date:	October	29, 2010		



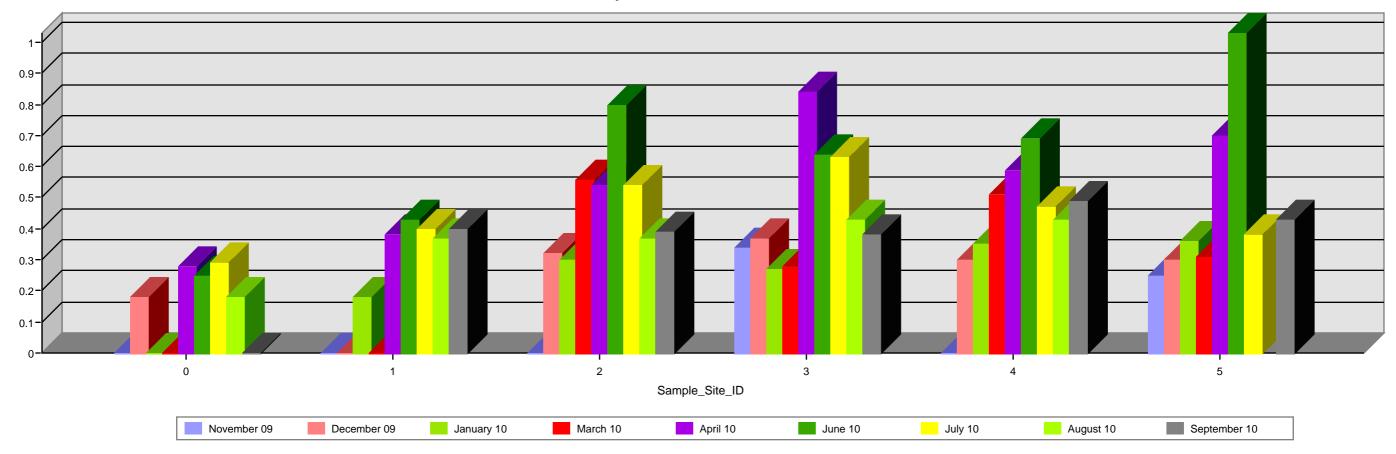
Ortho Phosphate Results FY 09-10

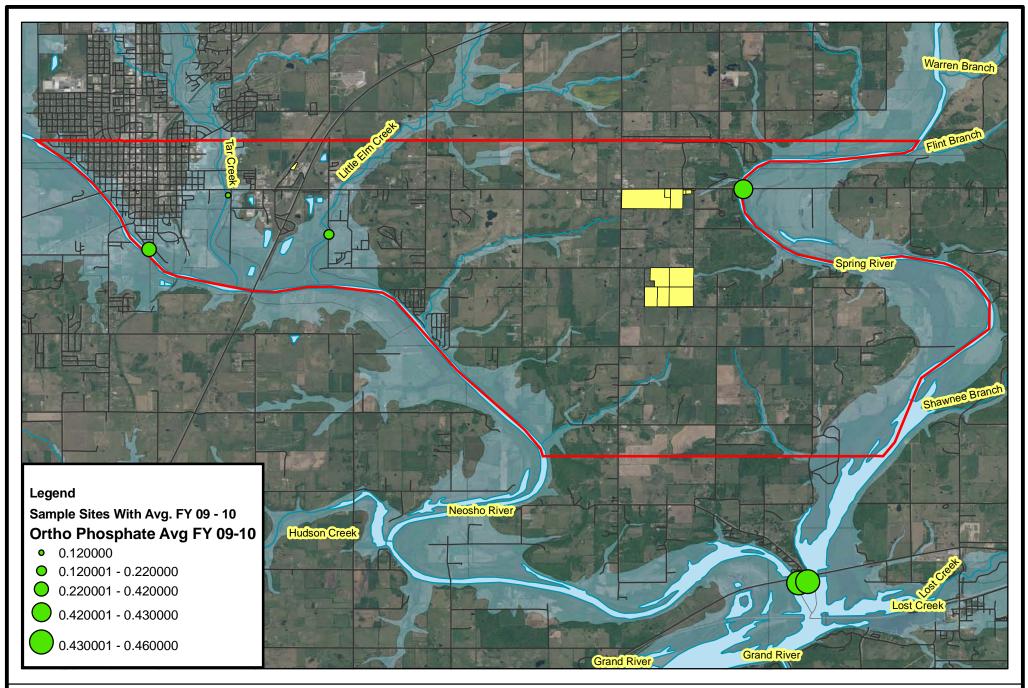
10/29/2010

Sample Site ID	November 09	December 09	January 10	March 10	April 10	June 10	July 10	August 10	September 10
Tar Creek	0.00	0.18	0.00	0.00	0.28	0.25	0.29	0.18	0.00
Little Elm Creek	0.00	0.00	0.18	0.00	0.38	0.43	0.40		0.40
Neosho River Site 1	0.00	0.32	0.30	0.56	0.54	0.80	0.54	0.37	0.39
Neosho River Site 2	0.34	0.37	0.27	0.28	0.84	0.64	0.63	0.37	0.38
Spring River Site 1	0.00	0.30	0.35	0.51	0.59	0.69	0.47	0.43	0.49
Spring River Site 2	0.25	0.30	0.36	0.31	0.70	1.03	0.38	0.43	0.43

Samples were not collected in October, 2009 due to flooding and in February & May of 2010 due to weather conditions.

Ortho Phosphate Results FY 09-10





Ortho Phosphate Results FY 2009 - 2010 Average

Ottawa Tribe of Oklahoma Environmental Department



0 455	910	1,820	2,730	3,640 Meters	
		Contac	t Informa	ation	
	Drawn By:	Lori Bail	еу		
Design By:	Phone:	918-541	-1902		
Wind	Date:	October	29, 2010		

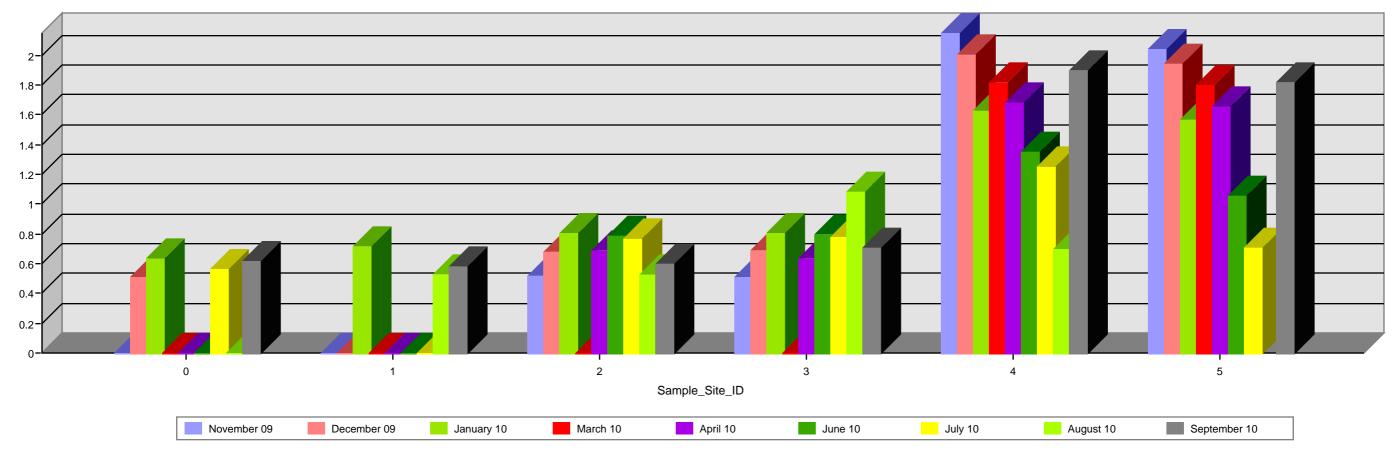


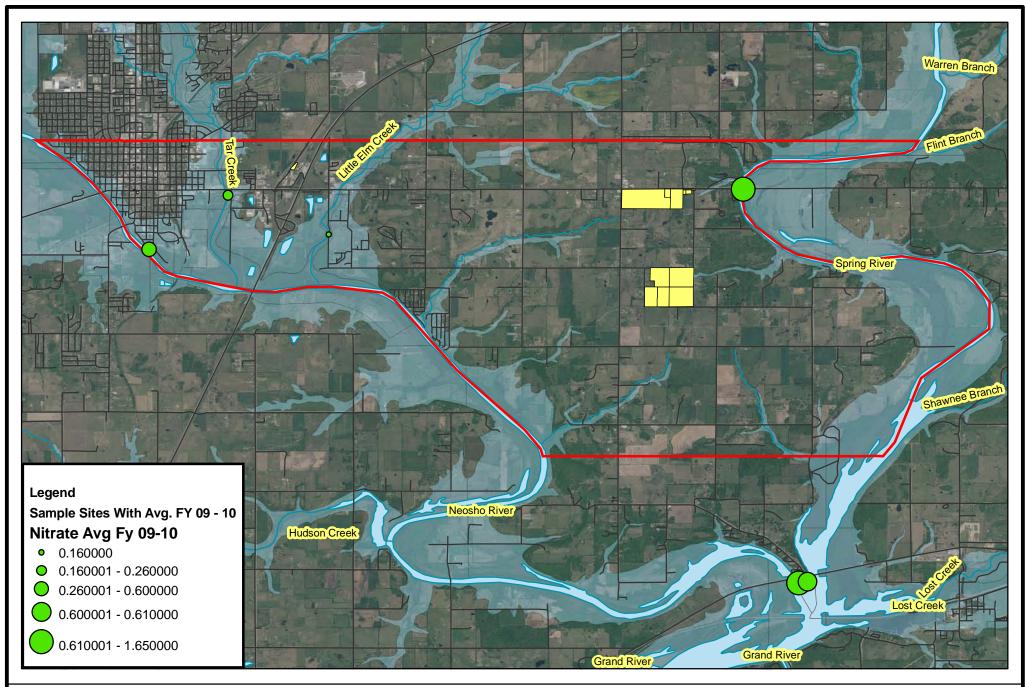
Nitrate Results (mgl) FY 09-10 10/29/2010

Sample Site ID	November 09	December 09	January 10	March 10	April 10	June 10	July 10	August 10	September 10
Tar Creek	0.00	0.51	0.64	0.00	0.00	0.00	0.56	0.00	0.62
Little Elm Creek	0.00	0.00	0.72	0.00	0.00	0.00	0.00		0.58
Neosho River Site 1	0.52	0.68	0.81	0.00	0.69	0.79	0.77	0.53	0.60
Neosho River Site 2	0.51	0.69	0.81	0.00	0.64	0.80	0.78	0.53	0.71
Spring River Site 1	2.15	2.01	1.63	1.82	1.68	1.35	1.25	1.08	1.90
Spring River Site 2	2.04	1.94	1.57	1.80	1.66	1.06	0.71	0.70	1.82

Samples were not collected in October, 2009 due to flooding and in February & May of 2010 due to weather conditions.

Nitrate Results FY 09-10





Nitrate Results (mg/l) FY 2009 - 2010 Average

Ottawa Tribe of Oklahoma Environmental Department



0 455	910	1,820	2,730	3,640 Meters	
		Contac	t Informa	ation	
	Drawn By:	Lori Bail	еу		
Design By:	Phone:	918-541	-1902		
Wind	Date:	October	29, 2010		



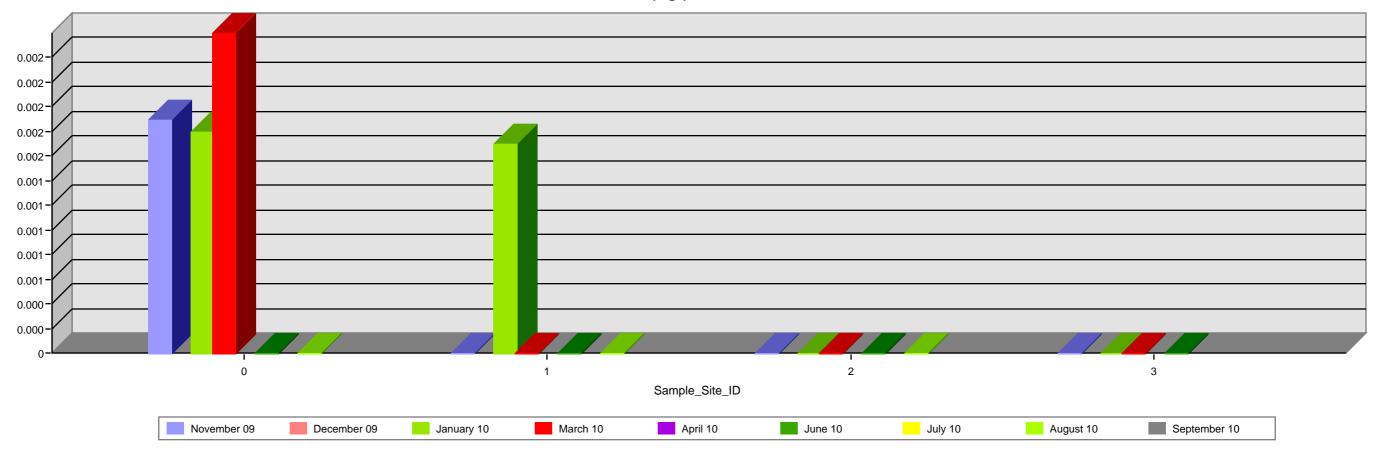
Cadmium Results (mg-l) FY 09-10

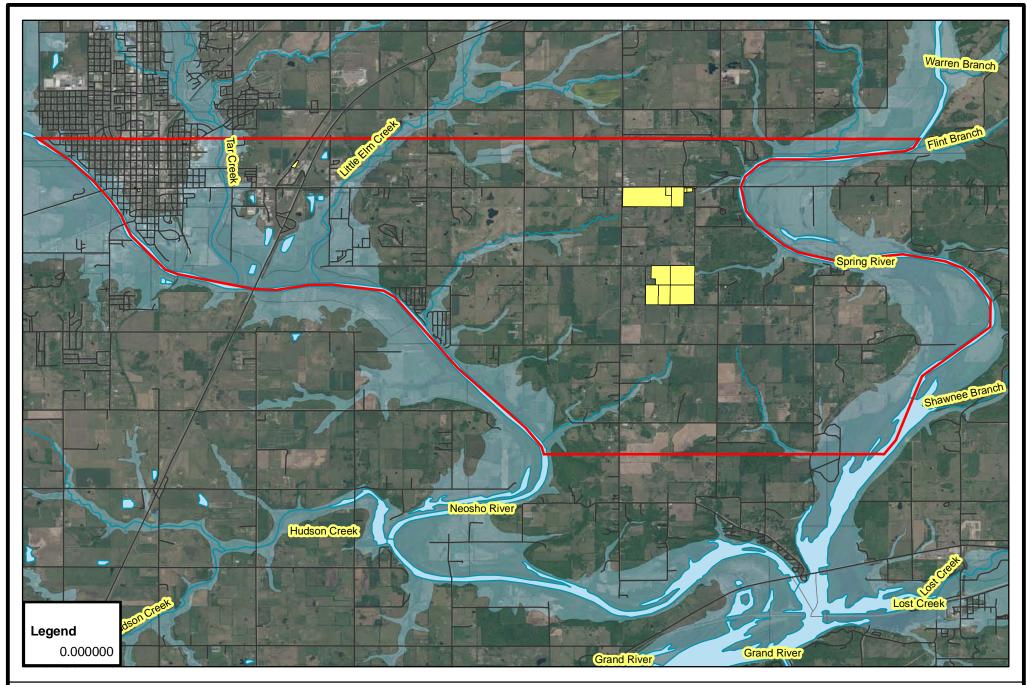
10/29/2010

Sample Site ID	November 09	December 09	January 10	March 10	April 10	June 10	July 10	August 10	September 10
Tar Creek	0.00		0.00	0.00		0.00		0.00	
Little Elm Creek	0.00		0.00	0.00		0.00			
Neosho River Site 1	0.00		0.00	0.00		0.00		0.00	
Neosho River Site 2									
Spring River Site 1	0.00		0.00	0.00		0.00		0.00	
Spring River Site 2									

Samples were not collected in October, 2009 due to flooding and in February & May of 2010 due to weather conditions.

Cadmium Results (mg/l) FY 09-10





Cadmium Results (mg/l) FY 2009 - 2010 Average

Ottawa Tribe of Oklahoma Environmental Department



0 455	910	1,820	2,730	3,640 Meters	
		Contac	t Informa	ation	
	Drawn By:	Lori Bail	еу		
Design By:	Phone:	918-541	-1902		
Wind	Date:	October	29, 2010		

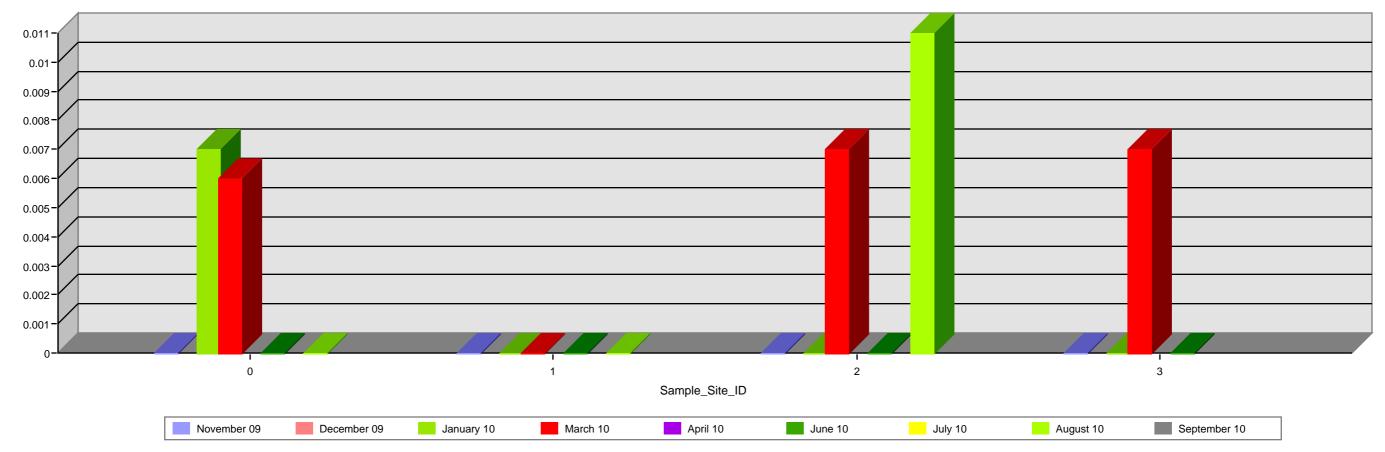


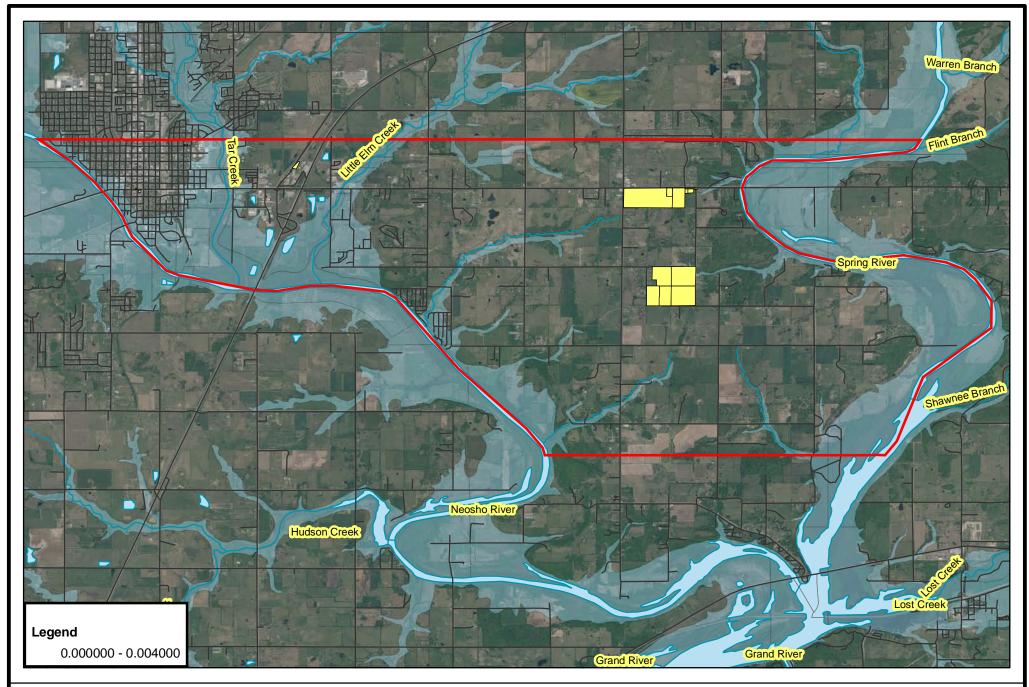
10/29/2010

Sample Site ID	November 09	December 09	January 10	March 10	April 10	June 10	July 10	August 10	September 10
Tar Creek	0.00		0.01	0.01		0.00		0.00	
Little Elm Creek	0.00		0.00	0.00		0.00			
Neosho River Site 1	0.00		0.00	0.01		0.00		0.00	
Neosho River Site 2									
Spring River Site 1	0.00		0.00	0.01		0.00		0.01	
Spring River Site 2									

Samples were not collected in October, 2009 due to flooding and in February & May of 2010 due to weather conditions.

Lead Results FY 09-10

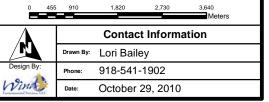




Lead Results FY 2009 - 2010 Average

Ottawa Tribe of Oklahoma Environmental Department







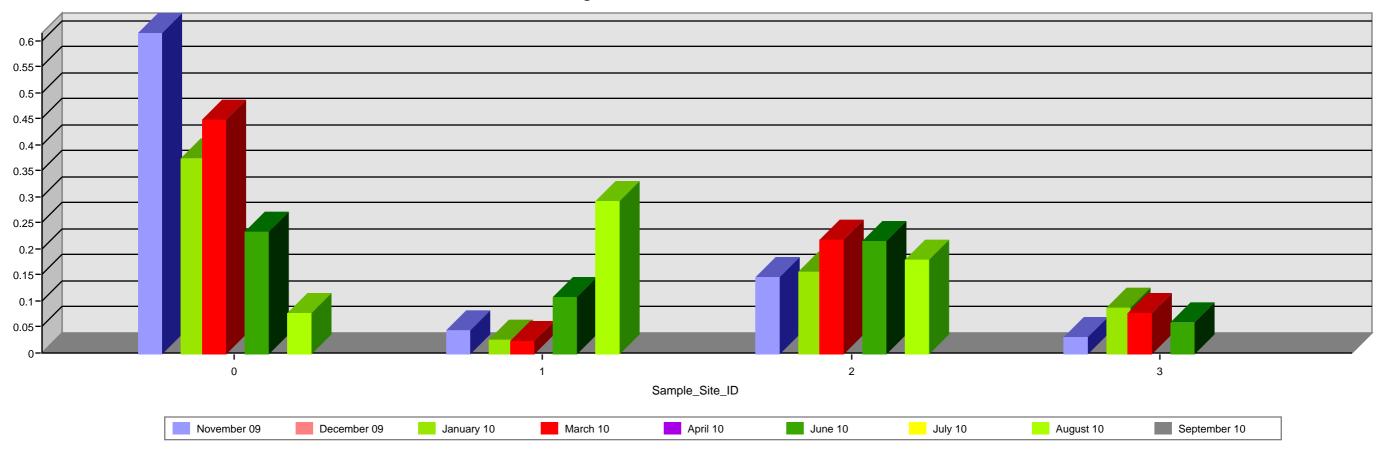
Manganese Results FY 09-10

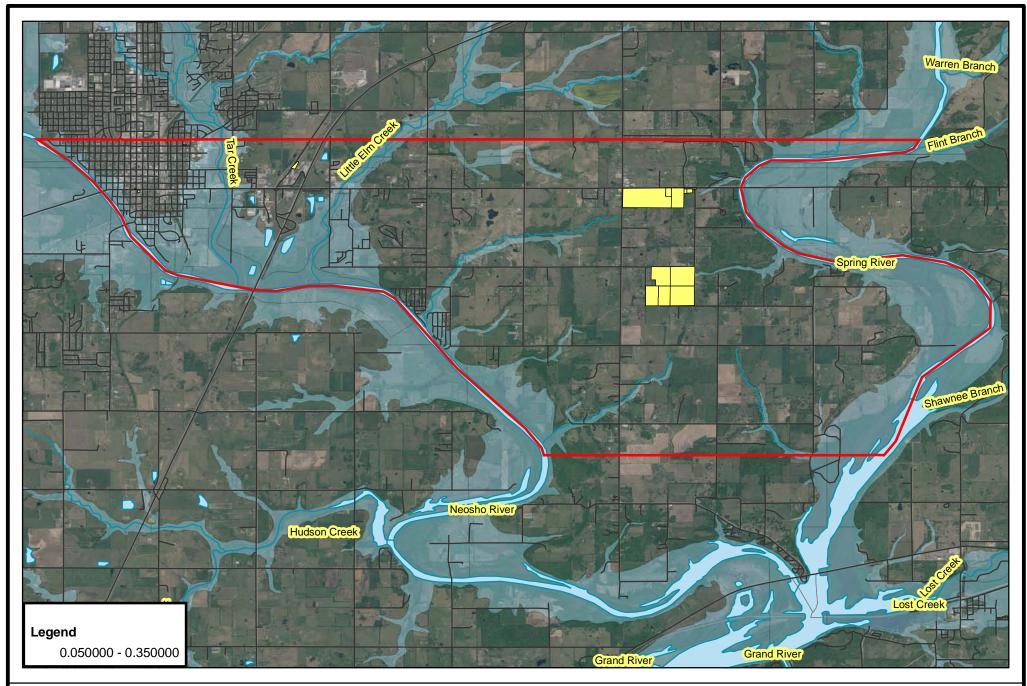
10/29/2010

Sample Site ID	November 09	December 09	January 10	March 10	April 10	June 10	July 10	August 10	September 10
Tar Creek	0.62		0.37	0.45		0.23		0.08	
Little Elm Creek	0.04		0.03	0.02		0.11			
Neosho River Site 1	0.15		0.16	0.22		0.21		0.29	
Neosho River Site 2									
Spring River Site 1	0.03		0.09	0.08		0.06		0.18	
Spring River Site 2									

Samples were not collected in October, 2009 due to flooding and in February & May of 2010 due to weather conditions.

Manganese Results FY 09-10





Manganese Results FY 2009 - 2010 Average

Ottawa Tribe of Oklahoma Environmental Department



0 455	910	1,820	2,730	3,640 Meters	
		Contac	t Informa	ation	
	Drawn By:	Lori Bail	еу		
Design By:	Phone:	918-541	-1902		
Wind	Date:	October	29, 2010		



Fecal Coliform Results FY 09-10

10/29/2010

Sample Site ID	November 0	9 December 0	9 January 10	March 1	0 April 10) June 1	0 July 10	August 10	September 10
Tar Creek	Р	Р	Р	Ρ	Р	Ρ	Ρ	Р	Ρ
Little Elm Creek	Ρ	Р	Р	Р	Р	Р	Ρ		Р
Neosho River Site 1	Р	Р	Р	Р	Р	Ρ	Ρ	Ρ	Р
Neosho River Site 2	Р	Р	Р	Ρ	Р	Ρ	Ρ	Ρ	Р
Spring River Site 1	Р	Р	Р	Ρ	Р	Ρ	Ρ	Ρ	Р
Spring River Site 2	Р	Р	Р	Ρ	Р	Ρ	Ρ	Р	Р

Samples were not collected in October, 2009 due to flooding and in February & May of 2010 due to weather conditions.