

Site Description	Nocona	Oscar	Oscar	Oscar	Oscar	Oscar
Surface Water Sample #'s	519608		519609	519610	519611	519618 (D)
	519614		519615	519616	519617	
Agency	ODEQ	ODEQ	ODEQ	ODEQ	ODEQ	ODEQ
Source	Unnamed TX trib.	Red Creek	Red Creek	Red Creek	Red Creek	Red Creek
Site #	1	2	3	4	5	5D
Location	Farm Rd. 2849	Co. Rd. 2940	Union Valley Rd.	Hwy 32	Bub Wilcoxin	Bub Wilcoxin-(Dup.)
County	Montague	Jefferson	Jefferson	Jefferson	Jefferson	Jefferson
Latitude	33.890998	33.942108	33.954654	34.027989	33.974651	33.974651
Longitude	-97.76369	-97.752374	-97.769655	-97.81893	-97.790302	-97.790302
Matrix	Water	Sediment	Water	Water	Water	Water
Collection Time	18:28	10:22	11:27	12:54	18:45	18:15
Collection Date	6/20/2012	6/21/2012	6/21/2012	6/21/2012	6/21/2012	6/21/2012
Routine Chemistry (Mg/L)						
Alkalinity	264		207	265	146	150
Ammonia	0.15		<0.1	<0.1	<0.1	<0.1
Chloride	21.3		527	145	757	769
Hardness	194		380	229	505	499
Nitrogen-Kjeldahl	1.26		0.86	1.43	1.78	1.7
Nitrogen-Organic	1.11		0.86	1.43	1.78	1.61
Nitrogen-Total	1.41		0.86	1.43	1.78	1.7
Nitrites/Nitrates	0.15		<0.05	<0.05	<0.05	<0.05
pH	8.01		7.94	7.65	7.76	7.96
Phosphorous-Total	0.246		0.015	0.187	0.099	0.085
Specific Conductance	600		1,930	931	2,490	2,500
Sulfate	22.2		37.2	10.1	37.8	38.4
TDS	372		1,050	536	1,410	1,430
Minerals (Mg/L)						
Calcium	36.4		78.9	57.5	104	102
Magnesium	21.4		36.5	16.1	43.2	42.4
Potassium	10.7		8	9.39	10.1	9.82
Sodium	62.2		268	116	349	346
Dissolved Minerals (Mg/L)						
Calcium	35.9		77.2	58.1	98.3	97.5
Magnesium	21		35.7	16.2	40.6	40.6
Potassium	10.8		7.53	9.11	8.77	8.81
Sodium	68.1		270	123	341	339
Volatiles (8260-Ug/L)	ND		ND	ND	ND	
Semi-Volatiles (8270-Ug/L)	ND		ND	ND	ND	
Field Parameters						
D.O. (Mg/L)	9.59	6	5.83	3.55	5.67	
Specific Conductance (Us)	596	6,959	1,907	889	2,470	
pH	8.27	7.44	7.86	7.43	1.26	
Water Temp. (Celsius)	27.16	28.3	27.58	24.7	28.05	
Salinity (ppt)	0.29	3.8	0.96	0.44	1.26	
Air Temp. (Celsius)	25.66	27.03	25.57	28.09	30.53	