

Site Description	Nocona	Oscar	Oscar	Oscar	Oscar
<u>Surface Water Sample #'s</u>	519614	519615	519616	519617	519618 (D)
<u>Agency</u>	ODEQ	ODEQ	ODEQ	ODEQ	ODEQ
<u>Source</u>	Unnamed TX trib.	Red Creek	Red Creek	Red Creek	Red Creek
<u>Site #</u>	1	3	4	5	5D
<u>Location</u>	Farm Rd. 2849	Union Valley Rd.	Hwy 32	Bub Wilcoxin	Bub Wilcoxin-(Dup.)
<u>County</u>	Montague	Jefferson	Jefferson	Jefferson	Jefferson
<u>Latitude</u>	33.890998	33.954654	34.027989	33.974651	33.974651
<u>Longitude</u>	-97.76369	-97.769655	-97.818926	-97.790302	-97.790302
<u>Matrix</u>	Water	Water	Water	Water	Water
<u>Collection Time</u>	18:28	11:27	12:54	18:45	18:15
<u>Collection Date</u>	6/20/2012	6/21/2012	6/21/2012	6/21/2012	6/21/2012
<u>RadioChemistry (pCi/L)</u>					
<u>Gross Alpha</u>	4.483	9.121	<2.19	<6.793	9.647
<u>Gross Beta</u>	13.05	12.74	10.9	14.15	14.13
<u>Bismuth 212</u>	<113	<107	<106	<108	<110
<u>Cesium 137</u>	<7.93	<8.28	<7.33	<7.67	<8.28
<u>Cobalt 60</u>	<7.22	<7.45	<8.72	<8.15	<7.89
<u>Lead 212</u>	<15.5	<16.7	<15.6	<15.1	<18.2
<u>Lead 214</u>	<18.1	<17.8	<19.1	<17.9	<18.3
<u>Potassium 40</u>	305	<137	343	<139	406
<u>Thallium 280</u>	<8.34	<9.13	<8.87	<8.78	<9.16
<u>Thorium 234</u>	<150	<155	<154	<161	<156
<u>Uranium 235</u>	<13.7	<12.2	<12.4	<13.4	<13.5
<u>Dissolved RadioChemistry (pCi/L)</u>					
<u>Bismuth 212</u>	<88.3	<57.5	<88.8	<88.1	<88.4
<u>Cesium 137</u>	<6.43	<6.64	<6.66	<6.88	<6.78
<u>Cobalt 60</u>	<7	<6.35	<6.91	<6.28	<6.57
<u>Lead 212</u>	<14.1	<13.5	<13.8	<13.3	<14.8
<u>Lead 214</u>	<15.3	<15.5	<16	<15.1	<16.1
<u>Potassium 40</u>	<118	<120	<120	<119	<120
<u>Thallium 280</u>	<7.1	<8.12	<7.54	<7.84	<7.62
<u>Thorium 234</u>	<135	<135	<134	<135	<141
<u>Uranium 235</u>	<9.99	<10.5	<10.9	<10.8	<10.9