

Table 2. West O'Daniel Analytical Data

Monitor Well	Spec. Cond. (µmhos/cm)	Total Alkalinity (mg/L)	pH	B (mg/L)	T (mg/L)	E (mg/L)	X (mg/L)	Chloride (mg/L)	Sulfate (mg/L)	Nitrate (mg/L)	Bromide (mg/L)	Sodium (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Iron (mg/L)	Barium (mg/L)	Bicarbonate (mg/L)	Carbonate (mg/L)	Hydroxide (mg/L)	TDS (mg/L)	TPH C6-C12 (mg/L)	TPH >C12-C28 (mg/L)	TPH >C28-C35 (mg/L)	TPH C6-C35 (mg/L)	
West O'Daniel Sump 01																										
5/21/2008	63,400		6.27					16,100	1,850			7,630	2,230	620	44.4	5.050	0.2890	1260	<1		31,300					
6/9/2008	75,400		6.39					16,100	1,150			5,780	2,480	660	34.8	2.670	0.6100	820	<1		31,300					
6/26/2008	61,200	355		<0.0008	<0.002	<0.002	<0.003	18,600	1,690			7,440	2,460	726	10.8	1.00	0.270	355	<10	<10	37,200	<0.676	<0.676	<0.676	<0.676	
12/18/2008		289.00		<0.0008	<0.002	<0.002	<0.003	15,600	1,450			6,000	2,430	717	10.9	2.980	0.0961	289	<10	<10	30,900.0	<0.668	<0.668	<0.668	<0.668	
9/24/2009		206.00		<0.0008	<0.002	<0.002	<0.003	17,100	1,460			6,060	2,190	651	11.0	25.600	0.1430	206	<10	<10	35,000.0	<.667	<.667	<.667	<.667	
9/24/2009		220.00		<0.0008	<0.002	<0.002	<0.003	16,600	1,400			6,300	2,660	759	11.5	282.0	0.2160	220	<10	<10	33,600.0	<.657	<.657	<.657	<.657	
West O'Daniel Sump 02																										
5/21/2008	50,900		6.47					14,600	1,820			6,730	1,660	440	28.1	9.820	0.5160	1230	<1		27,800					
6/9/2008	79,500		6.58					18,500	2,380			7,940	2,230	560	16.9	3.040	0.2400	430	<1		34,000					
6/26/2008	58,600	497		<0.0008	<0.002	<0.002	<0.003	17,000	1,830			7,470	2,040	531	9.63	1.57	0.206	497	<10	<10	35,200	<0.668	<0.668	<0.668	<0.668	
12/18/2008		260		<0.0008	<0.002	<0.002	<0.003	18,000	1,640			7,510	2,250	596	9.3	14.6	0.1060	260	<10	<10	34,600	<0.668	<0.668	<0.668	<0.668	
9/24/2009		237.00		<0.0008	<0.002	<0.002	<0.003	16,200	1,480			6,940	2,130	589	10.2	41.6	0.1340	237	<10	<10	32,800	<.667	<.667	<.667	<.667	
West O'Daniel OB 01																										
5/21/2008	70,500		6.44					16,200	1,650			6,050	2,460	690	43.8	1.840	0.1910	650	<1		31,800					
6/26/2008	48,000	817		<0.0008	<0.002	<0.002	<0.003	14,400	861			4,700	2,400	726	14.8	<0.5	1.01	817	<10	<10	30,800	<0.676	<0.676	<0.676	<0.676	
6/26/2008	49,200	823		<0.0008	<0.002	<0.002	<0.003	14,400	815			4,270	2,260	758	14.0	<2.5	1.00	823	<10	<10	31,300	<0.669	<0.669	<0.669	<0.669	
12/18/2008		269.00		<0.0008	<0.002	<0.002	<0.003	16,700	1,600			6,290	3,000	892	14.1	19.100	0.2240	269	<10	<10	36,000.0	<0.669	<0.669	<0.669	<0.669	
9/24/2009																										
West O'Daniel OB 02																										
5/21/2008	18,100		8.33					2,060	712			3,230	385	112	39.4	44.400	1.1100	2400	<1		11,800					
6/26/2008	54,600	543		<0.0008	<0.002	<0.002	<0.003	16,600	1,880			4,970	3,140	845	11.8	48.9	0.546	543	<10	<10	36,500	<0.682	<0.682	<0.682	<0.682	
12/18/2008																										
9/24/2009																										
West O'Daniel Seep 01																										
4/14/2006	63,400	111.00	7.23					20,200	1,830	<1	52.0	9,780	3,590	1,070	34.9	3.050	0.2050	111	<10	<10	36,615.9					
6/8/2007	44,900	95.80	7.00					19,600	1,770			7,120	2,830	813	28.2	3.050	0.1250	95.80	<10	<10	36,800.0					
6/24/2008		121		<0.0008	<0.002	<0.002	<0.003	21,400	1,810			8,230	2,390	686	30.9	4.00	0.281	121	<10	<10	42,600	<0.678	<0.678	<0.678	<0.678	
12/18/2008		286		<0.0008	<0.002	<0.002	<0.003	16,000	1,200			5,940	2,210	629	15.6	21.9	0.1790	286	<10	<10	30,900.0	<0.680	<0.680	<0.680	<0.680	
9/23/2009		286		<0.0008	<0.002	<0.002	<0.003	14500	1390			6510	2200	671	20.5	17.6	0.122	286	<10	<10	33400	<.664	<.664	<.664	<.664	
West O'Daniel Seep 02																										
4/14/2006	46,200	84	7.13					14,800	1060*	<1	37.8	5,400	3,240	1,050	14.6	1.790	0.2160	83.90	<10	<10	25,648.5					
6/25/2008		152		<0.0008	<0.002	<0.002	<0.003	16,800	1,280			5,350	2,910	785	18.1	0.526 J	0.476	152	<10	<10	35,100	<0.681	<0.681	<0.681	<0.681	
12/18/2008		242		<0.0008	<0.002	<0.002	<0.003	15,200	1,350			5,310	3,190	912	13.1	0.116 J	0.1290	242	<10	<10	32,500.0	<0.671	<0.671	<0.671	<0.671	
9/23/2009		219		<0.0008	<0.002	<0.002	<0.003	17,100	1,380			5,680	3,310	1,010	18.5	3.880	0.2040	219	<10	<10	38,500.0	<.667	<.667	<.667	<.667	
West O'Daniel Pump Effluent																										
5/21/2008	60,600		6.38					12,000	1,640			6,590	1,770	460	48.5	7.720	0.3360	840	<1		29600					
6/9/2008	50,300		6.53					21,300	2,680			10,500	3,600	950	28.1	1.230	0.1300	350	<1		38400					
6/26/2008	58,200	494		<0.0008	<0.002	<0.002	<0.003	17,900	1,670			6,650	2,150	622	11.0	1.23	0.495	494	<10	<10	36000	<0.69	<0.69	<0.69	<0.69	
12/18/2008		254		<0.0008	<0.002	<0.002	<0.003	16,900	1,730			7,450	2,300	640	9.3	22.6	0.1060	254	<10	<10	35800	<0.679	<0.679	<0.679	<0.679	
9/24/2009		289		<0.0008	<0.002	<0.002	<0.003	15300	1310			5960	2220	616	10.4	130	0.152	289	<10	<10	31800	<.662	<.662	<.662	<.662	

Notes:
 mg/L Milligrams per Liter
 BTEX Benzene, Toluene, Ethylbenzene, Xylenes
 TPH Total Petroleum Hydrocarbons
 TDS Total Dissolved Solids
 µmhos/cm Microohms per centimeter
 J Analyte detected between sample detection limit and reporting limit