

# Pinedale Anticline Chemical Data 2000-2008

This report was prepared by Sublette County Conservation District. Telephone: (307)367-2257 Website: www.sublettecountycd.com Address: P.O. Box 36, Pinedale, WY 82941

Site ID	Sample Collection Date	Sample Collection Time	Sample ID	Alkalinity (mg/L)	Bicarbonate (mg/L)	Calcium (mg/L)	Carbonate (mg/L)	Chloride (mg/L)	Magnesium (mg/L)	Nitrogen, Nitrate+Nitrite as N (mg/L)	Phosphorus (mg/L)	Potassium (mg/L)	Sodium Sulfate (mg/L)	Hardness (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Anion/Cation Balance (%)	Anions (meq/L)	Cations (meq/L)	Total Dissolved Solids Calculated (mg/L)	TDS Balance (dec. %)	Benzene (ug/L)	Ethyl-benzene (ug/L)	m+p-Xylenes (ug/L)	Methyl-tert-butyl ether (ug/L)	o-Xylene (ug/L)	Toluene (ug/L)	Surr: Trifluoro-toluene (%REC)	VOC pH (s.u.)	
NF1	5/1/2000	8:02 AM	122 NF1 New Fork KR							<0.10	<1.0				<1.0	0.3														
NF1	7/24/2000	7:20 AM	206 NF1 New Fork KR			4.9			0.90	<0.10	<1.0			15.9	1.0	0.80														
NF1	9/5/2000	6:55 AM	249 NF1 New Fork KR	17.0	20.0	4.6	<1.0	7.8	<1.0	<0.10	<0.05	<1.0	<1.0	3.5	15.7	<10	0.32	-46.3	0.63	0.23										
NF1	11/9/2000	9:40 AM	314 NF1 New Fork KR	19.0	23.0	5.9	<1.0	<1.0	1.2	<0.10	<0.05	<1.0	1.8	2.7	19.7	<10	0.19	4.07	0.44	0.47										
NF1	3/28/2001	6:50 AM	87 NF1 New Fork KR	18.0	21.0	5.6	<1.0	<1.0	1.1	<0.10	<0.05	<1.0	2.0	2.8	18.5	1	0.20	4.59	0.42	0.46										
NF1	5/17/2001	7:25 AM	137 NF1 New Fork KR	18.0	21.0	4.6	<1.0	4.4	<1.0	<0.10	<0.05	<1.0	1.2	2.2	11.5	<10	0.53	-30.5	0.53	0.28										
NF1	6/25/2001	6:15 AM	176 NF1 New Fork KR	16.0	20.0	4.4	<1.0	<1.0	<1.0	<0.10	<0.05	<1.0	1.2	2.0	11.0	<10	0.60	-54.0	0.73	0.22										
NF1	9/17/2001	6:45 AM	266 NF1 New Fork KR	19.0	22.6	4.7	ND	ND	ND	ND	ND	ND	ND	1.9	11.7	ND	0.58	-9.21	0.41	0.34										
NF1	10/29/2001	6:53 AM	302 NF1 New Fork KR	19.0	22.6	4.9	ND	ND	ND	ND	ND	ND	ND	1.9	12.2	ND	0.50	-27.0	0.410	0.240										
NF1	3/26/2002	11:45 AM	85 NF1 New Fork KR	28.0	34.2	8.7	ND	ND	1.7	ND	ND	ND	1.6	3.4	ND	0.04	2.41	0.630	0.660											
NF1	6/4/2002	8:10 AM	155 NF1 New Fork KR	18.0	21.4	5.4	ND	ND	1.0	ND	ND	ND	1.2	2.4	17.9	7	2.37	0.400	0.420											
NF1	7/6/2002	6:32 AM	187 NF1 New Fork KR	24.0	28.7	5.3	ND	6.4	ND	ND	ND	1.6	5.1	2.7	17.4	ND	-7.91	0.710	0.610											
NF1	10/14/2002	8:45 AM	287 NF1 New Fork KR	18.0	21.4	5.3	ND	ND	1.0	ND	ND	ND	1.2	2.2	17.4	ND	0.830	0.400	0.410											
NF1	11/12/2002	7:30 AM	316 NF1 New Fork KR	29.0	35.4	9.1	ND	4.9	1.9	ND	ND	ND	1.7	2.6	30.5	ND	-4.25	0.770	0.700											
NF1	3/18/2003	1:45 PM	77 NF1 New Fork KR	22.0	26.8	7.1	ND	1.2	1.4	ND	ND	ND	1.5	3.3	23.7	ND	1.48	0.540	0.550											

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NF1	5/27/2003	12:30 PM	147 NF1 New Fork KR	19.0	22.6	5.1	ND	8.0	ND	ND	ND	ND	6.9	3.1	16.5	ND		-1.49	0.670	0.650										
NF1	7/17/2003	8:45 AM	197 NF1 New Fork KR	20.0	24.4	6.4	ND	3.8	1.2	ND	ND	1.1	1.7	1.9	20.8	ND		-2.26	0.540	0.520										
NF1	9/3/2003	1:15 PM	246 NF1 New Fork KR	18.0	21.4	4.4	ND	ND	ND	ND	ND	ND	1.9	1.7	13.5	13.7		-3.88	0.390	0.360										
NF1	11/3/2003	4:30 PM	307 NF1 New Fork KR	20.0	23.8	6	ND	ND	1	ND	ND	ND	2	2	18.4	ND		2.21	0.448	0.469										
NF1	3/30/2004	11:15 AM	90 NF1 New Fork KR	30.2	36.9	9.4	ND	2.8	2.0	ND	ND	ND	1.8	4.1	31.6	ND		-2.63	0.771	0.731										
NF1	6/11/2004	9:00 AM	163 NF1 New Fork KR	19.1	23.3	5.5	ND	ND	1.1	ND	ND	ND	1.4	2.4	18.3	ND		0.203	0.443	0.444										
NF1	7/19/2004	9:15 AM	201 NF1 New Fork KR	17	21	5.3	ND	ND	1.1	ND	ND	0.5	0.9	2	17.6	ND		3.87	0.375	0.405										
NF1	9/13/2004	8:00 AM	257 NF1 New Fork KR	16	20	5.3	ND	ND	1.0	ND	ND	0.6	1.2	3	17.5	ND		1.88	0.402	0.417										
NF1	11/2/2004	3:45 PM	307 NF1 New Fork KR	25	31	8.3	ND	ND	1.8	ND	ND	0.5	1.6	4	28.0	ND		4.01	0.581	0.630										
NF1	3/18/2005	8:45 AM	77 NF1 New Fork KR	30	37	9.4	ND	ND	1.9	ND	ND	0.6	1.5	4	31.3	ND		1.56	0.686	0.708										
NF1	6/2/2005	8:00 PM	153 NF1 New Fork KR	17	21	4.5	ND	ND	0.7	ND	ND	0.5	0.9	3	14.2	2.0		-4.30	0.367	0.337										
NF1	7/25/2005	7:45 AM	206 NF1 New Fork KR	19	24	6.0	ND	ND	0.9	ND	ND	ND	1.1	3	18.6	1.0		2.90	0.409	0.433										
NF1	9/26/2005	7:15 PM	269 NF1 New Fork KR	18	21	4.6	ND	ND	0.7	ND	ND	ND	1.1	3	14.4	ND		-4.14	0.378	0.348										
NF1	11/7/2005	11:45 AM	311 NF1 New Fork KR	15	18	4.9	ND	ND	0.9	ND	ND	0.6	1.2	3	16.2	1.3		7.57	0.337	0.392										
NF1	5/2/2006	9:30 AM	122 NF1 New Fork KR	19	23	5.1	ND	ND	0.7	ND	ND	0.6	1.6	3	15.6	ND		-5.88	0.446	0.396										
NF1	5/2/2006	9:00 AM	122 NF1 New Fork KR	18	21	4.8	ND	ND	0.7	ND	ND	0.6	1.6	3	15.0	ND		-2.79	0.407	0.384		ND	ND	ND		ND	ND	86.0		
NF1	5/31/2006	7:30 PM	151 NF1 New Fork KR	20	24	4.8	ND	ND	0.7	ND	ND	0.6	2.3	3	15.0	112		-1.90	0.431	0.414										

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NF1	7/19/2006	5:15 PM	200 NF1 New Fork KR	18	21	4.5	ND	ND	0.6	ND	ND	0.5	1.2 3	13.9	ND		-9.23	0.414	0.344											
NF1	9/13/2006	10:45 AM	256 NF1 New Fork KR	18	22	4.5	ND	ND	0.6	ND	ND	ND	1.1 2	13.9	1.3		-5.55	0.378	0.339			ND	ND	ND		ND	ND	106		
NF1	11/1/2006	5:00 PM	305 NF1 New Fork KR	24	29	7.8	ND	ND	1.5	0.2	ND	0.6	1.5 4	25.8	ND		4.84	0.545	0.600											
NF1	5/16/2007	10:00 AM	136 NF1 New Fork DA	18	22	4.9	ND	ND	0.7	ND	ND	0.7	1.2 3	15.3	1.3		-6.47	0.425	0.374	22.0	ND	ND	ND	ND		ND	ND	96.0		
NF1	7/23/2007	2:15 PM	204 NF1 New Fork KR	20	24	5.6	ND	ND	1.0	ND	ND	ND	1.4 3	18.1	ND		-3.44	0.469	0.438	27.0	ND									
NF1	9/17/2007	1:45 PM	260 NF1 New Fork KR	16	19	5.3	ND	ND	1.0	ND	ND	0.6	1.1 2	17.1	ND		6.08	0.359	0.405	22.0	0.550									
NF1	11/6/2007	2:00 PM	310 NF1 New Fork KR	22	27	5.2	ND	ND	0.8	ND	ND	0.7	1.0 3	16.5	ND		-13.4	0.515	0.393	25.0	0.960	ND	ND	ND	ND	ND	ND	101		
NF19	7/25/2000	10:45 AM	208 NF19 New Fork KR			26.0			5.8	<0.10	<1.0			88.8	2	1.54														
NF19	9/13/2000	10:21 AM	257 NF19 New Fork KR	95.0	116	25.6	<1.0	<1.0	5.9	<0.10	<0.05	2.1	7.4 8.4	88.0	<10	1.24	1.62	2.08	2.14											
NF19	11/9/2000	11:48 AM	314 NF19 New Fork KR	100.0	123	10.3	<1.0	<1.0	2.4	<0.10	<0.05	1.0	3.6 5.5	35.6	<10	1.41	-40.4	2.11	0.90											
NF19	3/26/2001	6:53 AM	85 NF19 New Fork KR	98.0	120	27.7	<1.0	<1.0	7.7	<0.10	<0.05	5.1	13.1 25.8	101	15	7.36	4.39	2.50	2.73											
NF19	5/17/2001	12:00 PM	137 NF19 New Fork KR	20.0	23.0	6.6	<1.0	2.6	1.6	<0.10	<0.05	<1.0	1.9 2.8	23.1	155	36.5	1.33	0.53	0.55											
NF19	6/27/2001	11:45 AM	178 NF19 New Fork KR	88.0	106	24.3	<1.0	<1.0	5.6	<0.10	<0.05	1.3	8.3 9.2	83.7	<10	1.41	2.19	1.99	2.08											
NF19	9/20/2001	1:10 PM	263 NF19 New Fork KR	100	121	29.3	ND	ND	6.5	ND	ND	1.7	9.6 9.7	99.9	1.8	0.88	5.38	2.20	2.45			ND	ND	ND	ND	ND	ND	91.3		
NF19	10/31/2001	10:30 AM	304 NF19 New Fork KR	110	134	26.4	ND	ND	5.9	ND	ND	1.1	9.3 12.3	90.2	1.0	1.11	-4.55	2.45	2.24											

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NF19	4/1/2002	9:00 AM	91 NF19 New Fork KR	103	125	31.5	ND	ND	7.9	ND	ND	3.0	15.2	24.5	111	6	3.24	6.84	2.58	2.96										
NF19	6/4/2002	3:53 PM	155 NF19 New Fork KR	38.0	46.4	10.4	ND	ND	2.3	ND	ND	ND	5.3	8.5	35.5	34		1.62	0.930	0.960										
NF19	7/8/2002	6:20 AM	189 NF19 New Fork KR	95.0	116	25.1	ND	8.1	5.7	ND	ND	1.8	11.9	11.3	86.0	5		-1.60	2.36	2.28		ND	ND	ND		ND	ND	99.0	<2	
NF19	10/15/2002	8:15 AM	288 NF19 New Fork KR	100	121	29.6	ND	ND	6.5	ND	ND	1.7	9.5	12.4	101	1.2		4.76	2.25	2.48										
NF19	11/13/2002	12:45 PM	317 NF19 New Fork KR	114	139	34.3	ND	8.5	7.5	ND	ND	1.9	15.6	20.2	116	1.8		2.06	2.94	3.06										
NF19	3/21/2003	10:45 AM	80 NF19 New Fork KR	101	123	29.4	ND	3.0	7.3	ND	ND	4.1	16.1	25.4	104	67.0		4.48	2.63	2.88		ND	ND	ND		ND	ND	101		
NF19	5/29/2003	2:30 PM	149 NF19 New Fork KR	18.0	21.4	7.7	ND	4.9	1.9	ND	0.20	1.5	2.3	4.3	27.2	102		7.69	0.580	0.680										
NF19	7/14/2003	7:30 AM	195 NF19 New Fork KR	85.0	104	21.9	ND	ND	5.6	ND	ND	1.1	7.0	7.4	88.0	3.5		1.18	1.85	1.89										
NF19	9/8/2003	6:45 PM	251 NF19 New Fork KR	95.0	111	24.8	2.2	1.2	5.4	ND	ND	1.9	9.9	10.4	84.2	5.7		0.380	2.15	2.16										
NF19	11/7/2003	3:30 PM	311 NF19 New Fork KR	142	173	41.0	ND	5.4	8.5	ND	ND	2.3	25.9	43.6	138	7.4		0.494	3.90	3.94		ND	ND	ND	ND	ND	ND	97.4		
NF19	3/16/2004	1:35 PM	76 NF19 New Fork KR	99.5	121	26.6	ND	2.3	5.8	ND	ND	1.8	16.9	25.3	90.6	1.5		0.247	2.58	2.59		ND	ND	ND		ND	ND	91.6		
NF19	6/11/2004	6:00 PM	163 NF19 New Fork KR	33.4	40.7	10.2	ND	ND	2.3	ND	ND	1.3	3.4	4.6	34.9	45.1		3.90	0.783	0.847										
NF19	7/22/2004	8:45 AM	204 NF19 New Fork KR	78	95	21.6	ND	ND	4.7	ND	ND	1.2	7.0	7	73.2	3.9		2.22	1.72	1.80										
NF19	9/14/2004	8:00 AM	258 NF19 New Fork KR	80	97	24.3	ND	ND	5.1	ND	ND	1.9	7.2	9	81.7	12.1		4.73	1.80	1.98		ND	ND	ND		ND	ND	88.0		

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NF19	11/8/2004	9:30 AM	313 NF19 New Fork KR	74	91	21.8	ND	2	4.9	ND	ND	1.5	10.3	13	74.6	12.1		4.69	1.82	1.99										
NF19	3/10/2005	11:00 AM	69 NF19 New Fork KR	67	82	17.4	ND	3	4.1	ND	0.1	3.3	7.1	10	60.1	41.0		-1.30	1.64	1.59		ND	ND	ND		ND	ND	97.1		
NF19	6/2/2005	6:00 PM	153 NF19 New Fork KR	46	56	10.2	ND	ND	2.5	ND	ND	1.1	4.9	6	35.6	21.0		-4.92	1.05	0.951										
NF19	7/27/2005	1:15 PM	208 NF19 New Fork KR	75	92	21.3	ND	ND	4.6	ND	ND	1.2	5.7	4	71.9	ND		4.07	1.58	1.71										
NF19	9/30/2005	11:15 AM	273 NF19 New Fork KR	90	110	24.6	ND	2	5.3	ND	ND	1.6	7.6	11	83.1	ND		-1.31	2.09	2.03		ND	ND	ND		ND	ND	102		
NF19	11/9/2005	4:00 PM	313 NF19 New Fork KR	90	107	24.6	2	1	5.2	ND	ND	1.5	7.4	11	83.0	ND		-1.30	2.07	2.02										
NF19	3/14/2006	10:00 AM	75 NF19 New Fork KR	89	108	23.5	ND	2	4.9	ND	ND	1.3	6.4	11	78.7	4		-4.39	2.06	1.89		ND	ND	ND		ND	ND	86.5		
NF19	5/31/2006	4:45 PM	151 NF19 New Fork KR	40	49	9.4	ND	ND	1.8	ND	ND	1.0	4.9	6	31.1	36.0		-3.83	0.927	0.858										
NF19	7/21/2006	3:30 PM	201 NF19 New Fork KR	92	104	24.6	5	3	5.1	ND	ND	1.4	6.1	6	82.3	ND		-3.02	2.07	1.95										
NF19	9/13/2006	12:30 PM	256 NF19 New Fork KR	105	126	25.1	1	3	5.3	ND	ND	1.8	17.1	20	84.5	13.3		-2.32	2.60	2.48		ND	ND	ND		ND	ND	103		
NF19	11/8/2006	1:45 PM	312 NF19 New Fork KR	92	112	25.2	ND	2	5.2	ND	ND	1.6	10.9	15	84.4	30		0.282	2.19	2.20										
NF19	3/19/2007	11:15 AM	078 NF19 New Fork KR	86	105	24.0	ND	5	5.8	ND	ND	3.5	9.5	13	83.7	27.3	15.1	1.05	2.13	2.17	112	1.18	ND	ND	ND		ND	ND	96.0	
NF19	5/16/2007	1:00 PM	136 NF19 New Fork DA	22	27	6.7	ND	ND	1.3	ND	ND	1.1	1.7	4	22.1	49.3		2.00	0.521	0.542	28.0	0.430	ND	ND	ND		ND	ND	96.0	

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NF19	7/30/2007	4:20 PM	211 NF19 New Fork DA	94	110	26.3	3.3	4	5.6	ND	ND	1.9	7.2	7	88.7	3.0	-0.254	2.15	2.14	109	0.990	ND	ND	ND		ND	ND	97.0	
NF19	9/27/2007	10:00 AM	270 NF19 New Fork KR	103	126	26.1	ND	3	5.3	ND	ND	2.1	9.3	11	87.2	2.0	-3.41	2.36	2.20	127	1.13	ND	ND	ND		ND	ND	97.0	
NF19	11/6/2007	11:45 AM	310 NF19 New Fork KR	92	112	23.2	ND	2	4.7	ND	ND	1.7	7.8	10	77.1	ND	-4.40	2.10	1.92	105	1.01	ND	ND	ND		ND	ND	104	
NF19	3/26/2008	12:05 PM	86 NF19 New Fork KR	86	105	24.7	ND	2	5.7	ND	ND	1.7	12.3	19	85	16	3.54	2.19	2.35	128	0.96	ND	ND	ND		ND	ND	106	
NF19	6/24/2008	7:30 PM	175 NF19 New Fork KR	39	48	12.3	ND	ND	2.6	ND	ND	1.0	5.3	9	41	23													
NF19	8/25/2008	12:30 PM	237 NF19 New Fork KR	85	100	25	2	ND	5	ND	ND	2	7	13	84	3	1.58	1.96	2.03	106	1.02	ND	ND	ND		ND	ND	97.0	
NF19	10/1/2008	3:00 PM	274 NF19 New Fork KR	91	104	28	3	ND	6	ND	ND	2	8	13	95	ND	4.74	2.09	2.30	123	1.00	ND	ND	ND		ND	ND	1.00	
NF19	10/1/2008	3:10 PM	274 NF19 New Fork KRD	90	105	28	2	ND	6	ND	ND	2	8	13	94	ND	4.60	2.06	2.26	121	0.960	ND	ND	ND		ND	ND	95.0	
NF19	11/11/2008	4:15 PM	315 NF19 New Fork KR	90	110	26	ND	2	6	ND	ND	2	9	12	88	1	2.55	2.10	2.21	125	0.940	ND	ND	ND		ND	ND	90.0	
NF30	4/16/2001	10:00 AM	106 NF30 New Fork KR	101	123	28.4	<1.0	<1.0	6.5	<0.10	<0.05	1.2	6.9	8.9	97.7	<10	1.37	1.93	2.21	2.29									
NF30	9/20/2001	12:10 PM	263 NF30 New Fork KR	99.0	120	28.6	ND	ND	6.4	ND	ND	1.7	8.1	7.4	97.8	ND	0.74	5.42	2.13	2.37		ND	ND	ND	ND	ND	ND	92.5	
NF30	10/31/2001	10:15 AM	304 NF30 New Fork KR	108	131	5.6	ND	ND	5.6	ND	ND	1.1	10.3	11.1	37.0	ND	0.91	-3.93	2.39	2.20									
NF30	4/1/2002	8:20 AM	91 NF30 New Fork KR	99.0	120	30.9	ND	ND	8.0	ND	ND	3.0	10.1	16.2	110	4	2.70	8.07	2.32	2.72									

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NF30	7/8/2002	7:20 AM	189 NF30 New Fork KR	78.0	94.6	20.3	ND	3.6	4.7	ND	ND	1.8	5.7	4.9	4			-1.84	1.76	1.69			ND	ND	ND		ND	ND	97.6	<2
NF30	10/15/2002	9:45 AM	288 NF30 New Fork KR	95.0	116	28.2	ND	ND	6.3	ND	ND	1.6	10.7	11.7	96.3	2.3		5.91	2.16	2.44										
NF30	11/13/2002	11:45 AM	317 NF30 New Fork KR	99.0	121	30.2	ND	7.5	6.7	ND	ND	1.8	8.4	9.7	103	ND		1.84	2.39	2.48										
NF30	3/21/2003	1:30 PM	80 NF30 New Fork KR	92.0	112	26.0	ND	1.4	6.9	ND	ND	3.7	9.3	14.6	93.5	5.0		4.12	2.18	2.37			ND	ND	ND		ND	ND	101	
NF30	7/14/2003	9:45 AM	195 NF30 New Fork KR	79.0	95.8	23.2	ND	ND	5.2	ND	ND	1.1	4.3	4.3	79.4	3.5		4.0	1.67	1.80										
NF30	9/10/2003	1:15 PM	253 NF30 New Fork KR	93.0	113	25.1	ND	ND	5.4	ND	ND	1.8	7.6	6.5	85.1	2.0		2.13	1.99	2.08										
NF30	11/7/2003	2:30 PM	311 NF30 New Fork KR	105	127	29.0	ND	2.3	6.4	ND	ND	2.1	12.5	18.8	98.8	2.5		0.302	2.55	2.57			ND	ND	ND		ND	ND	95.4	
NF30	3/26/2004	12:30 PM	86 NF30 New Fork KR	113	138	31.5	ND	2.2	8.6	ND	ND	3.5	12.0	21.3	114	11.7		2.23	2.77	2.89			ND	ND	ND		ND	ND	96.5	
NF30	7/22/2004	10:30 AM	204 NF30 New Fork KR	66	81	19.2	ND	ND	4.2	ND	ND	1.2	4.0	4	65.2	2.1		3.12	1.41	1.51										
NF30	9/14/2004	10:00 AM	258 NF30 New Fork KR	77	94	22.9	ND	1	5.0	ND	ND	1.8	6.3	8	77.6	9.3		4.05	1.72	1.87			ND	ND	ND		ND	ND	87.1	
NF30	11/8/2004	10:45 AM	313 NF30 New Fork KR	64	77	19.9	ND	6	4.3	ND	ND	1.2	5.4	7	67.3	3.3		0.566	1.59	1.61										
NF30	3/10/2005	12:45 PM	69 NF30 New Fork KR	59	72	16.5	ND	3	3.7	0.3	0.4	5.6	9.0	14	56.2	81.0		2.37	1.58	1.66			ND	ND	ND		ND	ND	101	
NF30	7/27/2005	2:00 PM	208 NF30 New Fork KR	85	103	24.0	ND	ND	5.0	ND	ND	1.2	9.1	9	80.6	ND		4.30	1.87	2.04										

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NF30	9/30/2005	1:15 PM	273 NF30 New Fork KR	88	104	21.3	2	1	4.4	ND	ND	1.6	6.9	8	71.3	ND		-4.69	1.94	1.77			ND	ND	ND		ND	ND	102	
NF30	9/30/2005	1:30 PM	273 NF30 New Fork KRD	88	104	23.0	1	1	4.6	ND	ND	1.6	7.2	8	76.6	ND		-1.64	1.95	1.89										
NF30	11/9/2005	5:00 PM	313 NF30 New Fork KR	90	107	24.2	2	2	5.4	ND	ND	1.5	7.4	10	82.8	ND		-1.27	2.07	2.01										
NF30	3/14/2006	11:45 AM	75 NF30 New Fork KR	88	108	23.4	ND	1	4.8	ND	ND	1.3	6.7	9	78.3	4.7		-2.47	1.99	1.89			ND	ND	ND		ND	ND	87.8	
NF30	7/21/2006	2:45 PM	201 NF30 New Fork KR	80	94	23.4	2	ND	4.9	ND	ND	1.4	5.0	4	78.7	2.0		3.68	1.70	1.83										
NF30	9/13/2006	2:30 PM	256 NF30 New Fork KR	94	106	23.3	5	4	5.1	ND	ND	1.8	11.6	10	79.0	2.7		-1.86	2.21	2.13			ND	ND	ND		ND	ND	103	
NF30	11/9/2006	9:15 AM	313 NF30 New Fork KR	86	106	22.7	ND	ND	4.7	ND	ND	1.4	5.9	8	75.9	3.0		-3.12	1.93	1.81										
NF30	3/19/2007	9:45 AM	078 NF30 New Fork KR	85	104	23.0	ND	7	5.8	ND	ND	3.5	7.7	12	81.2	10.7	8.47	-2.22	2.14	2.05	110	1.18	ND	ND	ND		ND	ND	91.0	
NF30	7/26/2007	3:40 PM	207 NF30 New Fork DA	86	93	22.6	6	3	4.9	ND	ND	1.9	6.8	6	76.4	9.0		-0.970	1.91	1.87	96.0	0.830	ND	ND	ND		ND	ND	101	
NF30	9/27/2007	11:00 AM	270 NF30 New Fork KR	100	119	24.0	2	2	5.1	ND	ND	2.1	9.6	10	80.8	ND	1.74	-4.43	2.28	2.09	113	1.19	ND	ND	ND		ND	ND	98.0	
NF30	11/6/2007	11:00 AM	310 NF30 New Fork KR	84	102	21.6	ND	1	4.4	ND	ND	1.7	6.5	8	71.9	ND		-3.60	1.90	1.76	95.0	1.03	ND	ND	ND		ND	ND	106	
NF30	8/5/2008	5:00 PM	218 NF30 New Fork KR	73	89	22	ND	ND	5	ND	ND	1	5	7	74	ND		3.91	1.61	1.74	87.0	1.10	ND	ND	ND		ND	ND	91.0	
NF30	10/1/2008	2:30 PM	274 NF30 New Fork KR	87	97	26	5	ND	6	ND	ND	2	8	12	88	1		3.88	2.00	2.16	118	0.920	ND	ND	ND		ND	ND	95.0	

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NF30	11/12/2008	12:00 PM	316 NF30 New Fork KR	84	102	23	ND	1	5	ND	ND	2	8	9	79	ND		1.98	1.91	1.99	114	0.960	ND	ND	ND		ND	ND	92.0		
NF30	11/12/2008	12:15 PM	316 NF30 New Fork KRD	84	102	25	ND	1	5	ND	ND	2	8	9	85	ND		4.46	1.91	2.09	115	0.950	ND	ND	ND		ND	ND	92.0		
NF4	5/1/2000	10:17 AM	122 NF4 New Fork KR							<0.10	<1.0				<1.0	1.7															
NF4	7/24/2000	12:45 PM	206 NF4 New Fork KR			43.9			10.2	<0.10	<1.0				152	3.2	1.2														
NF4	9/5/2000	9:20 AM	249 NF4 New Fork KR	167	203	48.9	<1.0	3.0	12.7	<0.10	<0.05	2.8	11.0	12.7	174	<10	0.88	4.71	3.69	4.05											
NF4	11/6/2000	12:00 PM	311 NF4 New Fork KR	205	249	61.9	<1.0	<1.0	15.5	<0.10	0.14	2.2	11.7	18.6	218	<10	1.45	4.89	4.49	4.95											
NF4	3/27/2001	11:19 AM	86 NF4 New Fork KR	159	194	41.0	<1.0	2.7	14.0	<0.10	<0.05	7.4	15.0	20.5	160	35	9.03	4.85	3.68	4.06											
NF4	5/17/2001	5:30 AM	137 NF4 New Fork KR	153	186	38.7	<1.0	3.9	9.6	<0.10	<0.05	1.9	11.8	9.9	136	<10	3.47	-1.19	3.38	3.30											
NF4	6/25/2001	10:10 AM	176 NF4 New Fork KR	174	212	45.3	<1.0	<1.0	11.3	<0.10	<0.05	1.7	8.9	7.0	160	<10	1.77	-0.33	3.66	3.64											
NF4	9/17/2001	11:45 AM	260 NF4 New Fork KR	200	243	48.7	ND	ND	13.1	ND	ND	1.5	14.6	12.8	176	1.7	0.57	-0.55	4.27	4.22											
NF4	10/29/2001	9:00 AM	302 NF4 New Fork KR	196	234	52.8	2.80	ND	13.8	ND	ND	1.4	12.9	19.2	189	ND	1.05	0.740	4.32	4.38											
NF4	10/31/2001	10:15 AM	304NF4 New Fork KR																			ND	ND	ND		ND	ND	99.3			
NF4	3/28/2002	11:30 AM	87 NF4 New Fork KR	205	250	60.5	ND	5.4	18.1	ND	ND	5.1	16.1	30.1	226	31	2.74	4.73	4.87	5.36											
NF4	6/4/2002	5:25 AM	155 NF4 New Fork KR	136	166	40.5	ND	ND	9.3	ND	ND	1.7	8.8	10	140	2		4.84	2.92	3.22											
NF4	7/6/2002	10:30 AM	187 NF4 New Fork KR	191	233	55.2	ND	12.2	15.5	ND	ND	2.4	10.2	6.4	202	3		2.97	4.29	4.55		ND	ND	ND		ND	ND	99.1	<2		
NF4	10/16/2002	10:45 AM	289 NF4 New Fork KR	203	248	60.6	ND	3.0	15.0	ND	ND	1.9	14.4	20.4	213	ND		4.02	4.57	4.95											

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NF4	11/12/2002	11:00 AM	316 NF4 New Fork KR	201	245	61.7	ND	6.4	14.7	ND	ND	3.1	13.3	20.4	215	ND		3.56	4.62	4.96			ND	ND	ND		ND	ND	97.0	
NF4	3/20/2003	8:15 AM	79 NF4 New Fork KR	143	174	39.5	ND	8.5	11.9	ND	ND	6.7	11.2	17.6	147	13.5		2.8	3.46	3.66										
NF4	7/16/2003	5:30 PM	197 NF4 New Fork KR	186	222	53.1	2.7	2.4	13.0	ND	ND	1.4	8.9	5.8	186	3.8		3.08	3.90	4.15										
NF4	9/4/2003	10:30 AM	247 NF4 New Fork KR	197	240	52.1	ND	ND	12.5	ND	ND	2.0	11.4	11.2	181	5.7		0.200	4.17	4.19										
NF4	11/12/2003	3:30 PM	316 NF4 New Fork KR	194	237	56.0	ND	ND	13.2	ND	ND	2.0	11.6	22.6	194	2.7		1.08	4.35	4.44			ND	ND	ND		ND	ND	94.0	
NF4	3/16/2004	8:15 AM	76 NF4 New Fork	205	250	58.8	ND	2.2	14.1	ND	ND	2.5	14.8	23.9	205	2.3		1.56	4.65	4.80			ND	ND	ND		ND	ND	91.6	
NF4	7/19/2004	7:00 PM	210 NF4 New Fork KR	186	227	52.3	ND	ND	12.3	ND	ND	1.4	7.3	5	181	3.8		2.02	3.82	3.98										
NF4	9/17/2004	11:00 AM	261 NF4 New Fork KR	192	234	58	ND	4	14.6	ND	ND	1.6	12.4	18	215	1.5		3.58	4.33	4.65										
NF4	11/3/2004	11:45 AM	308 NF4 New Fork KR	195	238	58.5	ND	3	14.9	ND	ND	2.4	12.0	19	207	4.1		4.04	4.37	4.74			ND	ND	ND		ND	ND	88.5	
NF4	3/10/2005	3:00 PM	69 NF4 New Fork KR	158	192	42.8	ND	3	10	ND	ND	4.3	10	19	148	8.0		-1.69	3.62	3.50			ND	ND	ND		ND	ND	94.9	
NF4	7/27/2005	7:30 AM	208 NF4 New Fork KR	170	207	51.7	ND	ND	10.9	ND	ND	1.3	8.3	5	174	ND		4.96	3.49	3.86										
NF4	9/29/2005	11:00 AM	272 NF4 New Fork KR	160	191	52.0	2	6	12.1	ND	ND	1.7	9.5	19	180	ND		3.74	3.76	4.05			ND	ND	ND		ND	ND	103	
NF4	11/14/2005	10:30 AM	318 NF4 New Fork KR	172	204	47.6	4	ND	11.2	ND	ND	1.5	10.1	19	165	2.0		-1.17	3.86	3.77										
NF4	3/13/2006	8:00 AM	74 NF4 New Fork KR	174	207	49.0	3	2	10.5	ND	ND	1.6	8.5	17	166	2.7		-2.43	3.9	3.72			ND	ND	ND		ND	ND	85.6	
NF4	7/21/2006	8:00 AM	201 NF4 New Fork KRD	179	218	48.2	ND	3	10.3	ND	ND	1.3	9.0	6	163	ND		-1.35	3.78	3.68										
NF4	7/21/2006	7:30 AM	201 NF4 New Fork KR	176	214	48.6	ND	3	10.3	ND	ND	1.3	8.0	6	164	ND		-0.829	3.72	3.65										
NF4	9/15/2006	5:15 PM	258 NF4 New Fork KR	175	209	49.5	3	1	12.0	ND	ND	2.0	10.5	17	173	3.3		1.01	3.88	3.96			ND	ND	ND		ND	ND	102	

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Site ID	Sample Collection Date	Sample Collection Time	Sample ID	Alkalinity (mg/L)	Bicarbonate (mg/L)	Calcium (mg/L)	Carbonate (mg/L)	Chloride (mg/L)	Magnesium (mg/L)	Nitrogen, Nitrate+ Nitrite as N (mg/L)	Phosphorus (mg/L)	Potassium (mg/L)	Sodium Sulfate (mg/L) (mg/L)	Hardness (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Anion/ Cation Balance (%)	Anions (meq/L)	Cations (meq/L)	Total Dissolved Solids Calculated (mg/L)	TDS Balance (dec. %)	Benzene (ug/L)	Ethyl- benzene (ug/L)	m+p- Xylenes (ug/L)	Methyl- tert- butyl ether (ug/L)	o-Xylene (ug/L)	Toluene (ug/L)	Surr: Trifluoro- toluene (%REC)	VOC pH (s.u.)	
NF4	11/3/2006	4:45 PM	307 NF4 New Fork KR	170	207	54.2	ND	1	11.8	ND	ND	1.9	10.5	20	198	ND		4.37	3.84	4.19										
NF4	2/27/2007	1:45 PM	058 NF4 New Fork KR	171	209	55.0	ND	5	11.6	ND	ND	2.0	9.5	19	185	2.7	1.35	2.64	3.94	4.16	204	1.05	ND	ND	ND		ND	ND	94.0	
NF4	8/2/2007	11:00 AM	214 NF4 New Fork KR	190	230	50.6	1.2	2	11.9	ND	ND	2.0	9.9	9	175	3.0		-0.588	4.03	3.98	199	1.06	ND	ND	ND		ND	ND	102	
NF4	9/20/2007	3:00 PM	263 NF4 New Fork KR	184	211	45.9	7	4	11.7	ND	ND	2.4	15.0	15	163	ND		-1.65	4.10	3.97	204	1.03	ND	ND	ND		ND	ND	87.70	
NF4	11/1/2007	3:00 PM	305 NF4 New Fork KR																			ND	ND	ND		ND	ND	87.0		
NF4	11/6/2007	3:15 PM	310 NF4 New Fork KR	198	242	53.8	ND	3	12.3	ND	ND	2.2	10.8	20	185	ND		-2.60	4.45	4.22	221	1.05	ND	ND	ND		ND	ND	101	
NF4	3/3/2008	3:00 PM	063 NF4 New Fork KR	192	234	58.5	ND	2.4	12.4	ND	ND	2.1	10.7	21.2	197	ND		1.32	4.35	4.47	237	0.850	ND	ND	ND		ND	ND	87.0	
NF4	8/6/2008	5:00 PM	219 NF4 New Fork KR	150	180	46	2.4	ND	10	ND	ND	2	9	12	159	5		4.58	3.31	3.63	180	0.970	ND	ND	ND		ND	ND	86.0	
NF4	9/26/2008	5:00 PM	269 NF4 New Fork KR	197	233	57	3	1	14	ND	ND	2	14	22	198	ND		2.43	4.42	4.64	247	1.00								
NF4	11/24/2008	11:30 AM	328 NF4 New Fork KR	194	232	60	ND	1	13	ND	ND	2	11	22	205	ND		3.75	4.31	4.64	245	0.970	ND	ND	ND		ND	ND	87.0	
NF40	7/21/2006	2:00 PM	201 NF40 New Fork KR	80	97	22.0	ND	ND	4.6	ND	ND	1.4	4.3	4	74.0	2.0		1.19	1.66	1.70										
NF40	7/26/2007	3:00 PM	207 NF40 New Fork DA	83	95	22.2	3	1	4.8	ND	ND	1.8	4.9	4	75.0	2.0		-0.415	1.77	1.76	89.0	1.06	ND	ND	ND		ND	ND	100	
NF40	9/27/2007	12:00 PM	270 NF40 New Fork KR	95	115	23.0	ND	2	4.9	ND	ND	2.1	6.9	7	77.9	ND		-4.80	2.10	1.91	112	1.14	ND	ND	ND		ND	ND	98.0	
NF40	11/6/2007	10:00 AM	310 NF40 New Fork KR	82	100	21.1	ND	1	4.3	ND	ND	1.7	5.4	7	70.3	ND		-3.99	1.82	1.68	90.0	1.06	ND	ND	ND		ND	ND	103	
NF40	8/5/2008	4:00 PM	218 NF40 New Fork KR	71	87	21	ND	ND	4	ND	ND	2	5	7	71	31		2.80	1.57	1.66	84.0	1.14	ND	ND	ND		ND	ND	97.0	

Friday, October 02, 2009

Pinedale Anticline Field Data Collected from 2000-2008. Created by Kathy Raper, SurfaceWater Quality Specialist, Sublette County Conservation District

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NF40	10/1/2008	1:45 PM	274 NF40 New Fork KR	83	101	26	ND	ND	5	ND	ND	2	6	8	88	ND		5.39	1.83	2.04	110	1.04	ND	ND	ND		ND	ND	95.0
NF40	11/12/2008	1:30 PM	316 NF40 New Fork KR	80	97	22	ND	1	5	ND	ND	2	6	8	76	5		0.757	1.79	1.82	106	1.02	ND	ND	ND		ND	ND	93.0

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