

ADA DIVISION OF ENVIRONMENTAL PROTECTION  
 BUREAU OF WATER QUALITY PLANNING  
 GRAB/SURFACE WATER SAMPLES  
 PROVISIONAL RECORDS

STATION NAME	STATION ID	STORET ID MODERN POST 1/1/1999	STORET ID LEGACY PRE 1999	DATE	TIME	TEMP	DISS O2 MG/L	pH FIELD	pH LAB	CONDUCT UM/CM	Q COLOR PL-CO	Q CHLORIDE DISS	CHLORIDE DISS MG/L	Q SULFATE DISS MG/L SO4	SULFATE DISS	Q TDS MG/L	Q TSS MG/L	Q TURBID NTU	TURBID NTU	Q ALKAL as CaCO3	ALKAL as CaCO3 MG/L	Q ALKAL BICARB as CaCO3	ALKAL BICARB as CaCO3 MG/L	Q BICARB as HCO3	BICARB as HCO3 MG/L	Q ALKAL CARB as CaCO3	ALKAL CARB as CaCO3 MG/L	Q CO3 as CO3	CO3 as CO3 MG/L
C= CALCULATED																													
O= SAMPLED BUT ANALYSIS NOT PERFORMED																													
E= ESTIMATE, VALUE LESS THAN THE STATE HEALTH LAB REPORTING LIMIT, TRACKED FROM DEC. 2001 ON																													
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	11/1/2005	12:30	11.9	12.77	8.3	8.4	320			8		23	218	16		8		143		138		168	<	20	<	12
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	4/12/2005	12:40	16	10.7	8.5	8.43	290			5		24	215	<	10	5.4		118		112		137	E	5	E	3
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	11/8/2004	11:20	7.3	10.88	8.4	8.23	270			15		6	180		16	17		97		97		118	<	20	<	12
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	9/15/2004	12:20	16.76	7.42	7.49	8.12	320			20		21	222		18	8		135		135		165	<	20	<	12
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	7/20/2004	14:10	26.6	10.2	8.4	8.4	300			25		18	196	<	10	1.1		136		132		161		3	E	2
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	5/25/2004	13:20	20.6	7.26	8.1	8.14	240			60	<	5	172	<	10	2.6		100		100		122	<	20	<	12
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	3/16/2004	13:00	20	10.34	8.9	9.01	250			25	<	5	17		12	9.2		108		92		112		17	E	10
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	1/6/2004	11:35	4.3	7.14	8	8.02	300			5		26	208		22	10		122		122		149	<	20	<	12
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	12/9/2003	12:55	6.2	6.85	8	8.14	310			15		7	30		27	12		122		122		149		0		0
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	10/21/2003	12:15	13.7	5.28	7.8	8	320			15		28	214		10	5.6		130		130		159		0		0
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	8/19/2003	14:50			8	8.22	330			20		6	16		9	3.3		148		148		181		0		0
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	6/17/2003	10:55	21.4	9.2	7.8	7.95	160			30	E	2	7		4	2.8		66		66		81		0		0
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	4/8/2003	12:50	16.7	9.1		8.47	300			20		30	208		10	4.5		102		98		120		4		2
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	2/11/2003	12:00	7.4	9.25	8.3	8.27	330			7		6	28		9	2		132		132		161		0		0
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	1/7/2003	11:00	4.7	8.19	8.1	8.1	380			25		7	36		6	5.6		132		132		161		0		0
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	9/17/2002	11:25	6.2	15.1	7.9	8.05	360			12		6	24		16	7.1		144		144		176		0		0
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	7/16/2002	13:20	24.1	3.39	7.6	7.59	340			50		6	13		72	12		148		148		181		0		0
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	5/28/2002	14:35	21.8	10.9	8.8	8.94	180			50	E	3	14		6	3.9		76		68		83		8		5
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	3/20/2002	11:25	10	8.8	8.5	8.35	260			15		26	169	E	3	3.7		96		96		117		0		0
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	1/8/2002	12:25	6.2	12.38	8.8	8.05	290			15		5	27		62	14		114		114		139		0		0
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	11/27/2001	11:00			8.3	7.89	300			15		7	32		4	11		104		104		127		0		0
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	9/25/2001	12:05	16	8.6	8.8	8.35	390			15		7	24		18	18		160		156		190		4		2
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	7/17/2001	12:15	18	10.4	8.47	8.46	312			25		5	20		4	2.7		130		118		144		12		7
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	5/29/2001	12:05	19.4	8.13	7.8	7.78	238			60		3	12		23	6		104		104		127		0		0
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	3/20/2001	13:20	15	9.98	8.32	8.42	284			10		5	26		7	6.9		110		102		124		8		5
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	1/9/2001	12:20	6.2	7.47	7.92	8.02	277			5		5	26		4	4.3		104		104		127		0		0
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	11/20/2000	11:30	3	8	8.31	8.16	315			10		6	35		9	6.7		112		112		137		0		0
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	9/12/2000	11:40	16.9	5.3	7.07	8.37	328			10		5	21		3	4.6		134		134		163		0		0
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	7/18/2000	12:55	23.1	9.4	7.8	8.22	267			25		4	15		23	8.5		110		110		134		0		0
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	5/23/2000	12:10	21	9.7	8.07	8.19	224			55		3	10		8	6		96		96		117		0		0
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	3/13/2000	10:45	10.2	12.2	8.92	7.94	430			20		7	27		20	13		180		180		220		0		0
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	1/11/2000	12:10	5.5	13.52	8.6	7.9	316			10		6	24		24	18.2		118		118		144		0		0
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	11/22/1999	12:50	8.4	13.8	8.82	8.18	352			17		7	28		9	11.6		138		138		168		0		0
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	9/14/1999	12:10	19.5		8.75	8.13	296			35		5	19		9	4.4		120		120		146		0		0
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	7/20/1999	13:20	22.3	8.53	7.96	7.5	226			65		4	11		10	4.9		88		88		107		0		0
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	5/25/1999	13:40	19.1	7.51	8.64	8.03	117			25		1	5		50	32.4		46		46		56		0		0
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	3/16/1999	12:35	13.4	10.9	8	8.18	362			12		5	24		17	10.7		138		138		168		0		0
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	1/12/1999	12:35	5.3	14.47	8.35	7.92	286			10		4	20		38	23		100		100		122		0		0

ADA DIVISION OF ENVIRONMENTAL PROTECTION  
 BUREAU OF WATER QUALITY PLANNING  
 GRAB/SURFACE WATER SAMPLES  
 PROVISIONAL RECORDS

See Below for Explanation

STATION NAME	STATION ID	STORET ID MODERN POST 1/1/1999	STORET ID LEGACY PRE 1999	DATE	TIME	Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Comments	
						TOTAL	N	N	NO3+NO2 as N	NITRATE+ NITRITE as N	N-TOTAL KJELDAHL	N-TOTAL KJELDAHL	N AMMON	N AMMON	NITRATE as N	NITRATE as N	NITRATE as NO3	NITRATE as NO3	NITRITE as N	NITRITE as N	P TOTAL	P TOTAL	Ortho P	Ortho P	FECAL STREP		FECAL STREP
C= CALCULATED																											
O= SAMPLED BUT ANALYSIS NOT PERFORMED																											
E= ESTIMATE, VALUE LESS THAN THE STATE HEALTH LAB REPORTING LIMIT, TRACKED FROM DEC. 2001 ON																											
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	11/1/2005	12:30		0.5		0.1		0.4 <		0.1														
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	4/12/2005	12:40		0.8 <		0.1		0.8 <		0.1														
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	11/8/2004	11:20		0.4 <		0.5		0.4 <		0.1														
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	9/15/2004	12:20		0.5 <		0.5		0.5 <		0.1														
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	7/20/2004	14:10		0.6 <		0.5		0.6 <		0.1														
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	5/25/2004	13:20		0.8 <		0.5		0.8 <		0.1														
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	3/16/2004	13:00		0.5 <		0.5		0.5 <		0.1														
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	1/6/2004	11:35 E		0.46 E		0.05		0.4		0.1														
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	12/9/2003	12:55		0.64		0.13		0.5 <		0.1														
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	10/21/2003	12:15		0.77		0.16		0.6		0.2														
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	8/19/2003	14:50 E		0.56 E		0.05		0.5 <		0.1														
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	6/17/2003	10:55 E		0.55 E		0.04		0.5 <		0.1														
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	4/8/2003	12:50 E		0.53 E		0.02		0.5 <		0.1														
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	2/11/2003	12:00 E		0.43 E		0.02		0.4 <		0.1														
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	1/7/2003	11:00 E		0.55 E		0.04		0.5 <		0.1														
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	9/17/2002	11:25 E		0.62 E		0.04		0.57 <		0.1														
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	7/16/2002	13:20 E		1.06 E		0.03		1.02 <		0.1														
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	5/28/2002	14:35 E		0.71 E		0.01		0.69 <		0.1														
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	3/20/2002	11:25 E		0.29 E		0		0.28 <		0.1														
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	1/8/2002	12:25 E		0.48 E		0.04		0.43 <		0.1														
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	11/27/2001	11:00		0.34 E		0.03		0.31 <		0.1														
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	9/25/2001	12:05		0.39 E		0.01		0.37 <		0.1														
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	7/17/2001	12:15		0.55 E		0.01		0.53 <		0.1														
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	5/29/2001	12:05		0.81 E		0		0.8 <		0.1														
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	3/20/2001	13:20		0.29 E		0		0.28 <		0.1														
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	1/9/2001	12:20		0.21 E		0		0.2 <		0.1														
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	11/20/2000	11:30		0.35				0.32 <		0.1		0.03		0.13 <		0.01		0.08		0.04				
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	9/12/2000	11:40		0.36				0.35 <		0.1		0		0 <		0.01		0.12		0.09				
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	7/18/2000	12:55		0.56				0.55 <		0.1		0		0 <		0.01		0.28		0.2				
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	5/23/2000	12:10		0.76				0.75 <		0.1		0		0 <		0.01		0.26		0.18				
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	3/13/2000	10:45		0.54				0.52 <		0.1		0.01		0.04 <		0.01		0.28		0.14				
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	1/11/2000	12:10		0.69				0.65 <		0.1		0.1		0.44 <		0.01		0.18		0.09				
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	11/22/1999	12:50		0.74				0.52 <		0.1		0.21		0.93 <		0.01		0.15		0.07				
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	9/14/1999	12:10		0.48				0.47 <		0.1		0		0 <		0.01		0.19		0.14				
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	7/20/1999	13:20		0.7				0.69 <		0.1		0		0 <		0.01		0.45		0.34 >				
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	5/25/1999	13:40		0.77				0.71 <		0.1		0.05		0.22 <		0.01		0.22		0.1				
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	3/16/1999	12:35		0.69				0.65 <		0.1		0.03		0.13 <		0.01		0.18		0.11 <				
West Fork Carson River @ Muller Lane	C14	NV08-201-WF-004	310165	1/12/1999	12:35		1.2				0.97 <		0.1		0.22		0.97 <		0.01		0.18		0.07				

Prior to January 2001 the ELS was in the habit of certifying laboratories for nitrate nitrogen and nitrite nitrogen. At that time nitrate samples were required to be preserved with sulfuric acid and nitrite samples were required to have no chemical preservative. The latter were required to be placed in a cold environment upon sampling or analyzed immediately. Samples for nitrite that were cold preserved had only a 48 hr hold time. Nitrate samples preserved with sulfuric acid had a seven-day hold time. Although EPA had an official category of nitrate/nitrite nitrogen, the ELS did not usually certify laboratories for the combination, since it would have been redundant for a laboratory certified for each analyte.

A new methodology (Method 300.0) became very popular among the laboratories. This method required that the nitrate sample also not be chemically preserved and depended upon refrigeration and a quick analysis (within 48 hours). There was also the problem of getting samples to laboratories for either nitrate or nitrite so that it could be analyzed within the short hold time. Such samples had to be sulfuric acid preserved and then analyzed for nitrate/nitrite co

The advent of these complications required EPA to revise hold time and preservative protocols so that good laboratory procedures could be practiced within promulgated methodology.

Starting January 1, 2001 it became accepted practice to report sulf that are analyzed with the 7-day hold time as nitrate/nitrite nitrogen. Nitrite nitrogen are still reported as independent parameters, but re refrigeration from the time of sampling until analysis.