

STATE 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	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	
											COLOR PL-CO	CHLORIDE DISS	CHLORIDE DISS MG/L	SULFATE DISS	SULFATE DISS MG/L SO4	TDS MG/L	TSS MG/L	TURBID NTU	ALKAL as CaCO3	ALKAL as CaCO3	ALKAL BICARB as CaCO3	ALKAL BICARB as CaCO3	BICARB as HCO3	BICARB as HCO3 MG/L	ALKAL CARB as CaCO3	ALKAL CARB as CaCO3	CO3 as CO3	CO3 as CO3
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	11/1/2005	13:30	12.3	12.67	8.3	8.34	250																		
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	4/12/2005	13:55	12.2	9.57	8.2	8.18	170																		
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	11/8/2004	12:20	7.6	11.62	8.4	8.22	250																		
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	9/15/2004	13:00	21.26	8.92	8.06	8.42	470																		
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	7/20/2004	14:55	28	11.2	8.7	8.63	410																		
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	5/25/2004	13:55	17	8.72	8.1	7.92	110																		
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	3/16/2004	13:45	11	7.57	8.3	7.92	140																		
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	1/6/2004	12:40	1.2	9.02	8.1	8.06	300																		
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	12/9/2003	13:30	3.9	6.94	8.1	8.04	230																		
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	10/21/2003	13:15	17.2	5.75	8.1	8.32	400																		
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	8/20/2003	9:50	20.2	5.75	8.1	8.15	420																		
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	6/17/2003	12:05	16.3	8.66	7.9	7.7	76																		
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	4/8/2003	13:35	12.9	2.2		8.2	170																		
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	2/11/2003	12:50	4.8	9.14	7.7	8.12	210																		
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	1/7/2003	12:20	4.2	9.5	8.2	8.03	270																		
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	11/25/2002	12:40	6.5	10.18	7.9	8.2	250																		
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	9/17/2002	12:50	20.6	10.5	8.8	8.73	320																		
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	7/16/2002	14:15	29.1	8.75	8.8	8.37	410																		
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	5/28/2002	13:40	16.25	9.9	8.1	8.02	100																		
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	3/20/2002	12:25	11	10.8	8.3	8.1	220																		
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	1/8/2002	13:30	6.3	13.74	9.1	8.23	210																		
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	11/27/2001	12:15			7.97	7.93	250																		
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	9/25/2001	13:05	21.4	9.6	9	8.52	440																		
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	7/17/2001	13:45	23.1	6.6	8.69	8.75	410																		
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	5/29/2001	13:15	18.6	9.86	8.4	7.9	106																		
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	3/21/2001	13:00	11.6	13.02	7.86	7.91	166																		
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	1/9/2001	13:00	6	9.14	8.09	8.13	260																		
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	11/20/2000	12:30	5	12.6	8.23	8.05	292																		
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	9/12/2000	12:30	23.9	9.9	8.5	8.53	322																		
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	7/18/2000	14:00	27.3	9.1	8	8.43	358																		
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	5/23/2000	13:15	14.2	9.7	7.91	7.83	67																		
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	3/13/2000	11:20	10.4	11.76	8.66	7.65	243																		
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	1/11/2000	12:40	5.8	13.77	8.56	7.85	281																		
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	11/22/1999	13:15	6.3	11.95	8.37	7.7	246																		
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	9/14/1999	13:05	23.6		8.16	7.83	328																		
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	7/20/1999	14:00	23.1	8.62	7.98	7.52	231																		
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	5/25/1999	12:35	9.3	9.34	7.63	7.04	63																		
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	3/16/1999	13:30	10.9	10.39	8	7.88	219																		
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	1/12/1999	13:20	5.2	15.2	8.34	7.75	243																		

C= CALCULATED
 O= SAMPLED BUT ANALYSIS NOT PERFORMED
 E= ESTIMATE, VALUE LESS THAN THE STATE HEALTH LAB REPORTING LIMIT, TRACKED FROM DEC. 2001 ON

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See Below for Explanation

STATION NAME	STATION ID	STORET ID MODERN	STORET ID LEGACY	DATE	TIME	Q		Q		Q		Q		Q		Q		Q		Q		Q		Comments
						TOTAL	N	NO3+NO2 as N	NITRATE+ NITRITE as N	N-TOTAL	N	N	NITRATE as N	NITRATE as N	NITRATE as NO3	NITRITE as N	NITRITE as N	P TOTAL	P TOTAL	Ortho P	Ortho P	FECAL STREP	FECAL STREP	
						MG/L			MG/L	MG/L			MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L		
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	11/1/2005	13:30		0.3		0.1															
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	4/12/2005	13:55		0.4 <		0.1															
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	11/8/2004	12:20		0 <		0.5 <															
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	9/15/2004	13:00		0.4 <		0.5															
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	7/20/2004	14:55		0.5 <		0.5															
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	5/25/2004	13:55		0.3 <		0.5															
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	3/16/2004	13:45		0.6 <		0.5															
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	1/6/2004	12:40		0.51		0.2															
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	12/9/2003	13:30	E	0.38 E		0.07															
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	10/21/2003	13:15	E	0.31 E		0															
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	8/20/2003	9:50	E	0.58 E		0.07															
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	6/17/2003	12:05	E	0.43 E		0.02															
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	4/8/2003	13:35	E	0.33 E		0.02															
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	2/11/2003	12:50	E	0.21 E		0															
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	1/7/2003	12:20	E	0.44 E		0.03															
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	11/25/2002	12:40	E	0.28 E		0.03															
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	9/17/2002	12:50	E	0.59 E		0.06															
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	7/16/2002	14:15		1.43		0.52															
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	5/28/2002	13:40	E	0.44 E		0.03															
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	3/20/2002	12:25	E	0.35 E		0.09															
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	1/8/2002	13:30	E	0.29 E		0.04															
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	11/27/2001	12:15		0.29 E		0.01															
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	9/25/2001	13:05		0.42 E		0.01															
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	7/17/2001	13:45		0.44 E		0															
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	5/29/2001	13:15		0.23 E		0															
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	3/21/2001	13:00		0.75 E		0															
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	1/9/2001	13:00		0.39 E		0.08															
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	11/20/2000	12:30		0.28																	
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	9/12/2000	12:30		0.44																	
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	7/18/2000	14:00		0.54																	
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	5/23/2000	13:15		0.28																	
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	3/13/2000	11:20		0.45																	
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	1/11/2000	12:40		0.67																	
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	11/22/1999	13:15		0.28																	
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	9/14/1999	13:05		0.52																	
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	7/20/1999	14:00		0.99																	
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	5/25/1999	12:35		0.69																	
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	3/16/1999	13:30		0.5																	
Carson River @ Genoa Lane	C3	NV08-201-M-001	310013	1/12/1999	13:20		0.65																	

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 sulfuric acid preserved samples that are analyzed with the 7-day hold time as nitrate/nitrite nitrogen. Nitrate nitrogen and Nitrite nitrogen are still reported as independent parameters, but require a short hold time and refrigeration from the time of sampling until analysis.