

STATE 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	STORET ID LEGACY	DATE	TIME	Q		Q		Q		Q		Q		Q		Q		Q		Q		FECAL STREP	FECAL COLI	FECAL COLI	E COLI	E COLI	Comments
						N	N	NO3+NO2 as N	NITRATE+ NITRITE as N	N-TOTAL	N-TOTAL	N	N	NITRATE as N	NITRATE as N	NITRATE as NO3	NITRATE as NO3	NITRITE as N	NITRITE as N	P	P	Ortho P	Ortho P						
						MG/L		MG/L		MG/L		MG/L		MG/L		MG/L		MG/L		MG/L		#/100ML		#/100ML		#/100ML			
C= CALCULATED																													
O= SAMPLED BUT ANALYSIS NOT PERFORMED																													
E= ESTIMATE, VALUE LESS THAN THE STATE HEALTH LAB REPORTING LIMIT, TRACKED FROM DEC. 2001 ON																													
Truckee Canal	C22	NV08-203-C-001	310510	11/2/2005	10:25		0.3	<	0.1		0.3	<	0.1																
Truckee Canal	C22	NV08-203-C-001	310510	11/9/2004	10:05		0.4	<	0.5		0.4	<	0.1																
Truckee Canal	C22	NV08-203-C-001	310510	9/15/2004	16:00		0.4	<	0.5		0.4	<	0.1																
Truckee Canal	C22	NV08-203-C-001	310510	7/21/2004	11:00		0.4	<	0.5		0.4	<	0.1																
Truckee Canal	C22	NV08-203-C-001	310510	5/26/2004	10:10		0.3	<	0.5		0.3	<	0.1																
Truckee Canal	C22	NV08-203-C-001	310510	3/17/2004	10:10		0.5	<	0.5		0.5	<	0.1																
Truckee Canal	C22	NV08-203-C-001	310510	1/7/2004	10:05		0.92		0.25		0.6		0.2																
Truckee Canal	C22	NV08-203-C-001	310510	12/10/2003	10:50	E	0.38	E	0.07		0.3	<	0.1																
Truckee Canal	C22	NV08-203-C-001	310510	8/20/2003	13:45	E	0.31	E	0		0.3	<	0.1																
Truckee Canal	C22	NV08-203-C-001	310510	6/17/2003	15:05	E	0.33	E	0.02		0.3	<	0.1																
Truckee Canal	C22	NV08-203-C-001	310510	4/7/2003	11:15	E	0.33	E	0.02		0.3	<	0.1																
Truckee Canal	C22	NV08-203-C-001	310510	2/11/2003	14:30	E	0.45	E	0.03		0.41	<	0.1																
Truckee Canal	C22	NV08-203-C-001	310510	1/7/2003	15:20		0.62		0.11		0.5	<	0.1																
Truckee Canal	C22	NV08-203-C-001	310510	11/25/2002	14:50	E	0.39	E	0.06		0.32	<	0.1																
Truckee Canal	C22	NV08-203-C-001	310510	9/17/2002	16:00	E	0.53	E	0.02		0.5	<	0.1																
Truckee Canal	C22	NV08-203-C-001	310510	7/17/2002	13:45	E	0.41	E	0.06		0.34	<	0.1																
Truckee Canal	C22	NV08-203-C-001	310510	5/28/2002	9:40	E	0.52	E	0.09		0.42	<	0.1																
Truckee Canal	C22	NV08-203-C-001	310510	3/20/2002	15:20	E	0.38	E	0		0.37	<	0.1																
Truckee Canal	C22	NV08-203-C-001	310510	11/27/2001	15:30		0.43		0.2		0.22	<	0.1																
Truckee Canal	C22	NV08-203-C-001	310510	9/25/2001	16:35		0.22	E	0		0.21	<	0.1																
Truckee Canal	C22	NV08-203-C-001	310510	7/18/2001	11:30		0.41	E	0		0.4	<	0.1																
Truckee Canal	C22	NV08-203-C-001	310510	5/29/2001	16:15		0.5	E	0		0.49	<	0.1																
Truckee Canal	C22	NV08-203-C-001	310510	3/21/2001	9:15		0.44	E	0.03		0.4	<	0.1																
Truckee Canal	C22	NV08-203-C-001	310510	1/8/2001	9:15		0.3	E	0		0.29	<	0.1																
Truckee Canal	C22	NV08-203-C-001	310510	9/12/2000	15:55		0.42				0.41	<	0.1			0		0											
Truckee Canal	C22	NV08-203-C-001	310510	11/23/1999	10:25		0.42				0.41	<	0.1			0		0											
Truckee Canal	C22	NV08-203-C-001	310510	7/21/1999	11:05		0.57				0.56	<	0.1			0		0											

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 cc

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.