



Water-Data Report NV-2005

**393913119424009 Local number 085 N21 E20 26CAA10 LYSIMETER 5 DEEP**

Basin and Range basin-fill aquifers  
 Undefined Aquifer  
 Washoe County, NV

LOCATION.--Lat 39°39'12.6", long 119°42'40.3" referenced to North American Datum of 1983, in NW ¼ SE ¼ SW ¼ sec.26, T.21 N., R.20 E., Washoe County, Hydrologic Unit 16050201.

**WATER-QUALITY RECORDS**

COOPERATION.--Washoe County Department of Water Resources

REMARKS.--Depth of lysimeter is 10 ft below land surface datum. Ground water quality data in this table were collected determine an estimate of the amount of nitrogen entering the ground water from septic tank systems in the valley by collection of water quality data from lysimeters and ground water wells near septic systems.

**WATER-QUALITY DATA  
 WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

Part 1 of 2

[Remark codes: <, less than.]

Date	Time	Sample type	Chlor- ide, water, fltrd, mg/L (00940)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Total nitro- gen, wat flt by anal ysis, mg/L (62854)
<b>Jul</b>							
07...	0925	Interstitial water	4.60	.38	114	.011	125

**WATER-QUALITY DATA  
 WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

Part 2 of 2

[Remark codes: <, less than.]

Date	Time	Sample type	Specif. conduc- tance, wat unf lab, uS/cm 25 degC (90095)	Chlor- ide, water, fltrd, mg/L (00940)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Total nitro- gen, wat flt by anal ysis, mg/L (62854)
<b>Oct</b>								
05...	1006	Interstitial water	1,460	82.9	81.8	1.28	.024	89.4
<b>Nov</b>								
02...	1000	Interstitial water	1,020	77.3	65.5	.06	.017	79.7
30...	1023	Interstitial water	1,100	76.8	79.6	<.06	<.008	76.9
<b>Dec</b>								
22...	1112	Interstitial water	1,240	70.9	86.8	<.06	<.008	93.8