



Water-Data Report NV-2005

393812119423702 Local number 085 N21 E20 35CDCC3 LYSIMETER 1 SHALLOW

Basin and Range basin-fill aquifers

Undefined Aquifer

Washoe County, NV

LOCATION.--Lat 39°38'11.8", long 119°42'37.0" referenced to North American Datum of 1983, in SW ¼ SE ¼ SW ¼ sec.35, 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 3 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	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)
Oct								
05...	0850	Interstitial water	1,860	204	<.04	15.9	<.008	16.0
05...	0900	Replicate	1,800	207	<.04	16.3	<.008	16.1
Nov								
02...	0945	Interstitial water	2,020	229	.12	26.2	.016	27.8
Dec								
07...	1023	Interstitial water	2,080	241	<.04	25.6	<.008	27.0
Mar								
01...	0923	Interstitial water	3,270	511	.04	49.5	<.008	48.1
Apr								
05...	1420	Interstitial water	3,540	560	.04	52.7	<.008	52.3
May								
04...	1247	Interstitial water	3,120	582	.04	52.5	<.008	51.2
Jun								
01...	0915	Interstitial water	3,850	605	.05	53.4	<.008	54.1
01...	0917	Replicate	3,970	604	.07	54.2	<.008	54.4
Jul								
06...	0855	Interstitial water	3,870	636	.07	56.2	<.008	55.0
Aug								
02...	1230	Interstitial water	1,480	130	.04	17.2	.011	20.7
Sep								
07...	0830	Interstitial water	1,610	149	.05	23.0	<.008	25.8

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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)
Oct								
04...	0842	Interstitial water	2,030	173	<.04	25.3	<.008	25.8
Nov								
01...	0846	Interstitial water	1,640	192	.07	28.3	<.008	28.9
29...	0836	Interstitial water	2,220	214	<.04	29.2	<.008	28.5
Dec								
21...	1305	Interstitial water	--	480	.04	56.6	<.008	58.7
Oct								
04...	0842	Interstitial water	2,030	173	<.04	25.3	<.008	25.8
Nov								
01...	0846	Interstitial water	1,640	192	.07	28.3	<.008	28.9
29...	0836	Interstitial water	2,220	214	<.04	29.2	<.008	28.5
Dec								
21...	1305	Interstitial water	--	480	.04	56.6	<.008	58.7