

GROUND WATER AND PROJECT RECORDS

STATE OF NEVADA--HYDROGRAPHIC AREAS

1-NORTHWEST REGION

1. Pueblo V.
2. Continental Lake V.
3. Gridley Lake V.
4. Virgin V.
5. Sage Hen V.
6. Guano V.
7. Swan Lake V.
8. Massacre Lake V.
9. Long V.
10. Macy Flat
11. Coleman V.
12. Mosquito V.
13. Warner V.
14. Surprise V.
15. Boulder V.
16. Duck Lake V.

2-BLACK ROCK DESERT REGION

17. Pilgrim Flat
18. Painter Flat
19. Dry V.
20. Sano V.
21. Smoke Creek Desert
22. San Emidio Desert
23. Granite Basin
24. Hualapai Flat
25. High Rock Lake V.
26. Mud Meadow
27. Summit Lake V.
28. Black Rock Desert
29. Pine Forest V.
30. Kings River V.
(A) Rio King Subarea
(B) Sod House Subarea
31. Desert V.
32. Silver State V.
33. Quinn River V.
(A) Orovada Subarea
(B) McDermitt Subarea

3-SNAKE RIVER BASIN

34. Little Owyhee River Area
35. South Fork Owyhee River Area
36. Independence V.
37. Owyhee River Area
38. Bruneau River Area
39. Jarbidge River Area
40. Salmon Falls Creek Area
41. Goose Creek Area

4-HUMBOLDT RIVER BASIN

42. Marys River Area
43. Starr V. Area
44. North Fork Area
45. Lamoille V.
46. South Fork Area
47. Huntington V.
48. Dixie Creek --
Tenmile Creek Area
49. Elko Segment
50. Susie Creek Area
51. Maggie Creek Area
52. Marys Creek Area
53. Pine V.
54. Crescent V.
55. Carico Lake V.
56. Upper Reese River V.
57. Antelope V.
58. Middle Reese River V.
59. Lower Reese River V.
60. Whirlwind V.
61. Boulder Flat
62. Rock Creek V.
63. Willow Creek V.
64. Clovers Area
65. Pumpnickel V.
66. Kelly Creek Area
67. Little Humboldt V.
68. Hardscrabble Area
69. Paradise V.
70. Winnemucca Segment
71. Grass V.
72. Inlay Area
73. Lovelock V.
(A) Oreana Subarea
74. White Plains

5-WEST CENTRAL REGION

75. Bradys Hot Springs Area
76. Fernley Area
77. Fireball V.
78. Granite Springs V.
79. Kumiva V.

6-TRUCKEE RIVER BASIN

80. Winnemucca Lake V.
81. Pyramid Lake V.
82. Dodge Flat
83. Tracy Segment
84. Warm Springs V.

85. Spanish Springs V.
86. Sun V.
87. Truckee Meadows
88. Pleasant V.
89. Washoe V.
90. Lake Tahoe Basin
91. Truckee Canyon Segment

7-WESTERN REGION

92. Lemmon V.
(A) Western Part
(B) Eastern Part
93. Antelope V.
94. Bedell Flat
95. Dry V.
96. Newcomb Lake V.
97. Honey Lake V.
98. Skeddadle Creek V.
99. Red Rock V.
100. Cold Spring V.
(A) Long V.

8-CARSON RIVER BASIN

101. Carson Desert
(A) Packard V.
102. Churchill V.
103. Dayton V.
104. Eagle V.
105. Carson Valley

9-WALKER RIVER BASIN

106. Antelope V.
107. Smith V.
108. Mason V.
109. East Walker Area
110. Walker Lake V.
(A) Schurz Subarea
(B) Lake Subarea
(C) Whisky Flat --
Hawthorne Subarea

10-CENTRAL REGION

111. Alkali V. (Mineral).
(A) Northern Part
(B) Southern Part
112. Mono V.
113. Huntoon V.
114. Teels Marsh V.
115. Adobe V.
116. Queen V.
117. Fish Lake V.
118. Columbus Salt Marsh V.
119. Rhodes Salt Marsh V.
120. Garfield Flat
121. Soda Spring V.
(A) Eastern Part
(B) Western Part
122. Gabbs V.
123. Rawhide Flats
124. Fairview V.
125. Stingaree V.
126. Cowkick V.
127. Eastgate V. Area
128. Dixie V.
129. Buena Vista V.
130. Pleasant V.
131. Buffalo V.
132. Jersey V.
133. Edwards Creek V.
134. Smith Creek V.
135. Ione V.
136. Monte Cristo V.
137. Big Smoky V.
(A) Tonopah Flat
(B) Northern Part
138. Grass V.
139. Kobeh V.
140. Monitor V.
(A) Northern Part
(B) Southern Part
141. Ralston V.
142. Alkali Spring V. (Esmeralda)
143. Clayton V.
144. Lida V.
145. Stonewall Flat
146. Sarcobatus Flat
147. Gold Flat
148. Cactus Flat
149. Stone Cabin V.
150. Little Fish Lake V.
151. Antelope V. (Eureka & Nye)
152. Stevens Basin
153. Diamond V.
154. Newark V.
155. Little Smoky V.
(A) Northern Part
(B) Central Part
(C) Southern Part
156. Hot Creek V.
157. Kawich V.
158. Emigrant V.
(A) Groom Lake V.
(B) Papoose Lake V.

159. Yucca Flat
160. Frenchman Flat
161. Indian Springs V.
162. Pahrump V.
163. Mesquite V. (Sandy V.)
164. Ivanpah V.
(A) Northern Part
(B) Southern Part
165. Jean Lake V.
166. Hidden V. (South)
167. Eldorado V.
168. Three Lakes V. (Northern Part)
169. Tikapoo V. (Tickaboo V.)
(A) Northern Part
(B) Southern Part
170. Penoyer V. (Sand Spring V.)
171. Coal V.
172. Garden V.
173. Railroad V.
(A) Southern Part
(B) Northern Part
174. Jakes V.
175. Long V.
176. Ruby V.
177. Clover V.
178. Butte V.
(A) Northern Part (Round V.)
(B) Southern Part
179. Steptoe V.
180. Cave V.
181. Dry Lake V.
182. Delamar V.
183. Lake V.
184. Spring V.
185. Tippett V.
186. Antelope V. (White Pine & Elko)
(A) Southern Part
(B) Northern Part
187. Goshute V.
188. Independence V. (Pequop V.)

11-GREAT SALT LAKE BASIN

189. Thousand Springs V.
(A) Herrill Siding--Brush Creek Area
(B) Toano--Rock Spring Area
(C) Rocky Butte Area
(D) Montello--Crittenden Creek Area
(Montello V.)
190. Grouse Creek V.
191. Pilot Creek V.
192. Great Salt Lake Desert
193. Deep Creek V.
194. Pleasant V.
195. Snake V.
196. Hamlin V.

12-ESCALANTE DESERT

197. Escalante Desert

13-COLORADO RIVER BASIN

198. Dry V.
199. Rose V.
200. Eagle V.
201. Spring V.
202. Patterson V.
203. Panaca V.
204. Clover V.
205. Lower Meadow Valley Wash
206. Kane Springs V.
207. White River V.
208. Pahroc V.
209. Pahranaagat V.
210. Coyote Spring V.
211. Three Lakes V. (Southern Part)*
212. Las Vegas V.
213. Colorado V.
214. Piute V.
215. Black Mountains Area
216. Garnet V. (Dry Lake V.)*
217. Hidden V. (North)*
218. California Wash
219. Muddy River Springs Area (Upper Moapa V.)
220. Lower Moapa V.
221. Tule Desert
222. Virgin River V.
223. Gold Butte Area
224. Greasewood Basin

*Noncontributing part of the
Colorado River Basin

14-DEATH VALLEY BASIN

225. Mercury V.
226. Rock V.
227. Fortymile Canyon
(A) Jackass Flats
(B) Buckboard Mesa
228. Oasis V.
229. Crater Flat
230. Amargosa Desert
231. Grapevine Canyon
232. Oriental Wash

GROUND-WATER LEVELS, CONTINUOUS OBSERVATION WELLS

DESERT VALLEY

40490118223601. Local number, 031 N34 E32 16ABDC1.

LOCATION.--Lat 40°49'01", long 118°22'36" referenced to North American Datum of 1927, in SE ¼ NW ¼ NE ¼ sec. 16, T.34 N., R.32 E., Pershing County, Hydrologic Unit 16040201, approximately 22 mi north of Imlay.

AQUIFER.--Alluvium of Quaternary age.

INSTRUMENTATION.--Water level recorder.

WELL CHARACTERISTICS.--Diameter 6 in, depth 155 ft, perforated 147 to 152 ft, cased with 2-inch pvc pipe.

DATUM.--Elevation of land-surface datum is 4,210 ft above National Geodetic Vertical Datum of 1929 from topographic map.
Measuring point: Top of north edge of casing 0.0 ft above land-surface datum.

PERIOD OF RECORD.--1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Maximum water-level depth below land surface, 119.87 ft, September 19, 2004; minimum water-level depth below land surface measured, 83.20 ft, November 11, 1990.

EXTREMES FOR CURRENT YEAR.--Maximum water-level depth below land surface, 119.87 ft, September 19; minimum water-level depth below land surface, 119.58 ft, October 2 and 6.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	119.63	119.66	119.70	119.72	119.75	119.74	119.75	119.72	119.71	119.74	119.77	119.79
2	119.63	119.65	119.70	119.72	119.73	119.78	119.74	119.71	119.71	119.73	119.78	119.79
3	119.64	119.68	119.69	119.75	119.77	119.74	119.75	119.71	119.73	119.74	119.77	119.80
4	119.64	119.67	119.69	119.73	119.77	119.75	119.73	119.71	119.71	119.75	119.77	119.80
5	119.64	119.68	119.68	119.72	119.77	119.76	119.73	119.72	119.71	119.75	119.78	119.80
6	119.63	119.67	119.68	119.70	119.73	119.78	119.74	119.72	119.70	119.74	119.78	119.79
7	119.64	119.67	119.71	119.75	119.77	119.75	119.73	119.72	119.72	119.74	119.78	119.79
8	119.64	119.66	119.72	119.75	119.76	119.74	119.74	119.72	119.72	119.75	119.78	119.80
9	119.64	119.68	119.67	119.74	119.76	119.75	119.74	119.69	119.73	119.75	119.78	119.79
10	119.66	119.68	119.70	119.73	119.75	119.76	119.73	119.72	119.72	119.76	119.78	119.81
11	119.64	119.68	119.71	119.74	119.76	119.73	119.72	119.72	119.72	119.75	119.77	119.79
12	119.66	119.65	119.70	119.75	119.75	119.75	119.73	119.72	119.73	119.75	119.78	119.80
13	119.64	119.68	119.68	119.74	119.75	119.76	119.73	119.71	119.72	119.76	119.79	119.81
14	119.64	119.67	119.72	119.72	119.75	119.76	119.72	119.71	119.72	119.76	119.78	119.81
15	119.65	119.67	119.73	119.74	119.76	119.76	119.73	119.71	119.72	119.75	119.78	119.79
16	119.66	119.67	119.71	119.75	119.75	119.75	119.72	119.71	119.73	119.75	119.78	119.80
17	119.65	119.71	119.71	119.74	119.75	119.74	119.73	119.72	119.72	119.76	119.78	119.79
18	119.65	119.68	119.70	119.75	119.76	119.74	119.74	119.74	119.73	119.76	119.78	119.81
19	119.66	119.66	119.68	119.74	119.76	119.77	119.72	119.71	119.73	119.75	119.79	119.81
20	119.66	119.67	119.71	119.76	119.74	119.76	119.72	119.72	119.73	119.76	119.78	---
21	119.64	119.69	119.73	119.76	119.75	119.74	119.73	119.71	119.72	119.75	119.78	119.78
22	119.65	119.71	119.70	119.74	119.74	119.73	119.74	119.70	119.73	119.76	119.78	119.78
23	119.67	119.67	119.68	119.71	119.76	119.75	119.72	119.72	119.74	119.76	119.79	119.79
24	119.66	119.67	119.71	119.74	119.76	119.75	119.73	119.72	119.73	119.77	119.79	119.79
25	119.67	119.67	119.71	119.76	119.72	119.74	119.73	119.72	119.72	119.76	119.79	119.78
26	119.65	119.72	119.75	119.75	119.76	119.77	119.72	119.71	119.72	119.75	119.81	119.79
27	119.64	119.69	119.73	119.75	119.76	119.77	119.70	119.71	119.74	119.76	119.79	119.78
28	119.62	119.67	119.69	119.75	119.76	119.75	119.72	119.71	119.73	119.76	119.78	119.78
29	119.64	119.69	119.69	119.74	119.74	119.72	119.73	119.73	119.73	119.77	119.79	119.80
30	119.68	119.68	119.73	119.74	---	119.74	119.73	119.71	119.74	119.77	119.79	---
31	119.67	---	119.71	119.75	---	119.75	---	119.70	---	119.77	119.79	---
MAX	119.68	119.72	119.75	119.76	119.77	119.78	119.75	119.74	119.74	119.77	119.81	---
MIN	119.62	119.65	119.67	119.70	119.72	119.72	119.70	119.69	119.70	119.73	119.77	---

GROUND-WATER LEVELS CONTINUOUS OBSERVATION WELLS

PARADISE VALLEY

412910117321001. Local Number, 069 N42 E39 25CAC 1

LOCATION.--Lat 41°29'10", long 117°32'10" referenced to North American Datum of 1927, in SW ¼ NE ¼ SW ¼ sec. 25, T.42 N., R.39 E., Humboldt County, Hydrologic Unit 16040109, approximately 40 mi northeast of Winnemucca.

AQUIFER.--Aquifer is alluvium of Quarternary age.

WELL CHARACTERISTICS.--Diameter 6 ft, depth 17.4 ft.

INSTRUMENTATION.--Water-level recorder.

DATUM.--Elevation of land-surface datum is 4,523 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Angle iron 5.03 ft below land-surface datum.

PERIOD OF RECORD.--1945 (unpublished and available in the files of the U.S. Geological Survey); 1946 through 1975 (unpublished and available in the files of the U.S. Geological Survey); 1976 to current year.

REVISED RECORDS.--WDR-NV-86-1:1984-85.

EXTREMES FOR PERIOD OF RECORD.--Maximum water-level depth below land surface measured, 11.03 ft, November 16, 1961; minimum water-level depth below land surface measured, 0.80 ft, September 23, 1955.

EXTREMES FOR CURRENT YEAR.--Maximum water-level depth below land surface, 9.05 ft, February 14; minimum water-level depth below land surface, 2.32 ft, May 29.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.20	8.63	8.81	8.86	9.00	8.50	7.75	7.71	2.44	5.37	7.28	8.28
2	8.22	8.64	8.81	8.88	9.01	8.49	7.74	7.71	2.54	5.43	7.33	8.31
3	8.24	8.64	8.82	8.89	9.01	8.47	7.73	7.71	2.74	5.48	7.37	8.33
4	8.26	8.65	8.82	8.89	9.01	8.45	7.72	7.71	2.94	5.56	7.41	8.35
5	8.29	8.66	8.83	8.90	9.01	8.44	7.71	7.67	3.10	5.64	7.45	8.37
6	8.30	8.66	8.83	8.90	9.02	8.41	7.71	7.12	3.25	5.71	7.49	8.40
7	8.32	8.67	8.81	8.90	9.02	8.38	7.71	6.12	3.39	5.77	7.52	8.42
8	8.34	8.68	8.83	8.91	9.02	8.36	7.70	5.40	3.53	5.84	7.56	8.44
9	8.36	8.68	8.84	8.91	9.03	8.33	7.70	4.68	3.63	5.91	7.61	8.47
10	8.38	8.68	8.84	8.92	9.03	8.30	7.70	4.09	3.70	5.98	7.65	8.49
11	8.39	8.69	8.84	8.92	9.04	8.26	7.69	3.84	3.80	6.04	7.69	8.51
12	8.41	8.70	8.86	8.93	9.04	8.23	7.69	3.81	3.90	6.12	7.73	8.53
13	8.43	8.70	8.78	8.88	9.04	8.20	7.69	3.85	4.01	6.20	7.77	8.54
14	8.44	8.71	8.78	8.91	8.83	8.17	7.69	3.91	4.13	6.27	7.81	8.56
15	8.45	8.72	8.81	8.93	8.34	8.14	7.70	3.97	4.23	6.35	7.84	8.57
16	8.46	8.73	8.83	8.93	8.32	8.10	7.70	4.05	4.33	6.40	7.86	8.58
17	8.48	8.73	8.84	8.94	8.25	8.07	7.70	4.13	4.42	6.47	7.85	8.59
18	8.49	8.74	8.85	8.95	8.14	8.04	7.71	4.24	4.51	6.54	7.90	8.60
19	8.51	8.75	8.86	8.95	8.13	8.01	7.71	4.27	4.59	6.57	7.93	8.61
20	8.52	8.75	8.86	8.96	8.28	7.99	7.71	4.26	4.65	6.63	7.96	8.60
21	8.53	8.76	8.86	8.96	8.67	7.96	7.71	4.25	4.72	6.69	7.98	8.60
22	8.54	8.76	8.87	8.97	8.67	7.93	---	4.00	4.79	6.74	8.01	8.61
23	8.55	8.73	8.87	8.97	8.64	7.90	---	3.76	4.86	6.80	8.04	8.61
24	8.56	8.75	8.85	8.97	8.63	7.88	---	3.27	4.93	6.86	8.06	8.62
25	8.57	8.77	8.84	8.98	8.62	7.86	---	3.15	4.99	6.92	8.09	8.64
26	8.59	8.77	8.87	8.98	8.59	7.84	---	3.22	5.05	6.97	8.12	8.65
27	8.60	8.78	8.88	8.98	8.58	7.82	7.71	2.94	5.12	7.02	8.14	8.66
28	8.60	8.80	8.89	8.99	8.53	7.81	7.70	2.57	5.17	7.07	8.17	8.67
29	8.61	8.80	8.89	8.99	8.51	7.78	7.71	2.36	5.23	7.13	8.20	8.68
30	8.62	8.80	8.89	8.99	---	7.77	7.71	2.39	5.31	7.17	8.22	8.68
31	8.63	---	8.84	9.00	---	7.76	---	2.51	---	7.22	8.25	---
MAX	8.63	8.80	8.89	9.00	9.04	8.50	---	7.71	5.31	7.22	8.25	8.68
MIN	8.20	8.63	8.78	8.86	8.13	7.76	---	2.36	2.44	5.37	7.28	8.28

GROUND-WATER LEVELS, CONTINUOUS OBSERVATION WELLS

TRUCKEE MEADOWS

392507119462001. Local Number, 087 N18 E20 19AABA1

LOCATION.--Lat 39°25'06.8", long 119°46'20.4" referenced to North American Datum of 1927, in NW ¼ NE ¼ NE ¼ sec. 19, T.18 N., R.20 E., Washoe County, Hydrologic Unit 16050201.

WELL CHARACTERISTICS.--Diameter 2 in, depth 139 ft, cased with 2 in pvc pipe to 139 ft, perforated 129 to 139 ft.

INSTRUMENTATION.--Water-level recorder.

PERIOD OF RECORD.--January 2002 to current year.

GAGE.--Elevation of land-surface datum is 4,670 ft above National Geodetic Vertical Datum of 1929. Measuring Point: Top of casing on north side, 0.5 ft below land-surface datum.

EXTREMES FOR PERIOD OF RECORD.--Maximum water-level depth below land surface, 139.28 ft, September 9, 12, 2004; minimum water-level depth below land surface measured, 132.70 ft, January 22, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum water-level depth below land surface, 139.28 ft, September 9, 12; minimum water-level depth below land surface, 136.57 ft, January 9, 10.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	136.82	137.02	137.50	138.14	138.87	139.16	139.16	139.19
2	---	---	---	---	136.85	136.97	137.52	138.16	138.86	139.17	139.17	139.17
3	---	---	---	---	136.87	136.93	137.54	138.18	138.87	139.17	139.17	139.17
4	---	---	---	---	136.89	136.93	137.56	138.17	138.89	139.16	139.16	139.19
5	---	---	---	---	136.90	136.95	137.58	138.16	138.92	139.17	139.16	139.20
6	---	---	---	---	136.91	136.96	137.61	138.19	138.94	139.16	139.17	139.19
7	---	---	---	136.60	136.92	136.99	137.63	138.22	138.96	139.16	139.15	139.18
8	---	---	---	136.60	136.94	137.01	137.67	138.24	138.97	139.17	139.18	139.17
9	---	---	---	136.59	136.95	137.00	137.69	138.26	138.98	139.16	139.17	139.18
10	---	---	---	136.59	136.96	137.02	137.71	138.29	139.00	139.17	139.16	139.18
11	---	---	---	136.63	136.97	137.03	137.73	138.31	139.02	139.16	139.16	139.17
12	---	---	---	136.62	136.98	137.05	137.76	138.32	139.03	139.16	139.17	139.20
13	---	---	---	136.65	136.99	137.06	137.77	138.35	139.05	139.16	139.16	139.12
14	---	---	---	136.67	137.00	137.09	137.79	138.38	139.07	139.10	139.17	139.08
15	---	---	---	136.69	137.00	137.11	137.81	138.41	139.09	139.14	139.17	139.08
16	---	---	---	136.72	137.01	137.11	137.84	138.44	139.11	139.14	139.18	139.08
17	---	---	---	136.74	137.02	137.12	137.87	138.47	139.20	139.14	139.16	139.07
18	---	---	---	136.76	137.03	137.15	137.89	138.49	139.18	139.14	139.17	139.08
19	---	---	---	136.78	137.03	137.19	137.90	138.52	139.19	139.13	139.17	139.07
20	---	---	---	136.80	137.04	137.22	137.91	138.55	139.19	139.16	139.18	139.07
21	---	---	---	136.83	137.04	137.24	137.92	138.58	139.17	139.16	139.18	139.07
22	---	---	---	136.77	137.04	137.27	137.94	138.60	139.19	139.15	139.17	139.07
23	---	---	---	136.72	137.07	137.30	137.97	138.63	139.17	139.15	139.17	139.07
24	---	---	---	136.73	137.01	137.32	138.00	138.66	139.18	139.13	139.19	139.07
25	---	---	---	136.76	136.98	137.34	138.03	138.68	139.17	139.13	139.16	139.07
26	---	---	---	136.78	136.96	137.37	138.05	138.71	139.17	139.14	139.17	139.07
27	---	---	---	136.81	136.98	137.40	138.06	138.74	139.18	139.15	139.19	139.07
28	---	---	---	136.81	137.01	137.43	138.08	138.76	139.17	139.17	139.19	139.07
29	---	---	---	136.81	136.99	137.44	138.10	138.79	139.17	139.16	139.19	139.07
30	---	---	---	136.82	---	137.47	138.12	138.82	139.17	139.16	139.17	139.07
31	---	---	---	136.84	---	137.48	---	138.84	---	139.16	139.17	---
MAX	---	---	---	---	137.07	137.48	138.12	138.84	139.20	139.17	139.19	139.20
MIN	---	---	---	---	136.82	136.93	137.50	138.14	138.86	139.10	139.15	139.07

GROUND-WATER LEVELS, CONTINUOUS OBSERVATION WELLS

TRUCKEE MEADOWS

392918119464901. Local Number, 087 N19 E20 30BADD1

LOCATION.--Lat 39°29'17.9", long 119°46'48.8" referenced to North American Datum of 1927, in SE ¼ NE ¼ NW ¼ sec. 30, T.19 N., R.20 E., Washoe County, Hydrologic Unit 16050102.

WELL CHARACTERISTICS.--Diameter 2 in, depth 21 ft, cased to 22 ft with 2 in pvc pipe, perforated 11 to 21 ft.

INSTRUMENTATION.--Water level recorder.

DATUM.--Elevation is 4,409 ft above National Geodetic Vertical Datum of 1929 from topographic map. Measuring Point: Top of casing on west side, 0.4 ft below land surface datum.

PERIOD OF RECORD.--January 2002, December 2003 to current year.

EXTREMES FOR PERIOD OF RECORD.--Maximum water-level depth below land surface, 6.93 ft, September 26, 2004; minimum water-level depth below land surface measured, 4.38 ft, March 11, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum water-level depth below land surface, 6.93 ft, September 26; minimum water-level depth below land surface, 4.38 ft, March 11.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	5.02	4.77	4.92	5.15	---	---	---	---
2	---	---	---	---	5.02	4.72	4.89	5.21	---	---	---	---
3	---	---	---	---	5.03	4.61	4.96	5.20	---	---	---	---
4	---	---	---	---	5.03	4.59	4.98	---	---	---	---	---
5	---	---	---	---	5.06	4.58	4.91	---	---	---	---	---
6	---	---	---	---	5.04	4.55	4.93	---	---	---	---	---
7	---	---	---	5.03	5.03	4.55	5.03	---	---	---	---	---
8	---	---	---	5.07	5.04	4.53	5.05	---	---	---	---	---
9	---	---	---	5.13	5.04	4.47	5.05	---	---	---	---	---
10	---	---	---	5.10	5.04	4.46	5.02	---	---	---	---	---
11	---	---	---	5.10	5.04	4.42	5.02	---	---	---	---	---
12	---	---	---	5.10	5.02	4.41	5.03	---	---	---	---	---
13	---	---	---	5.10	5.01	4.54	4.93	---	---	---	---	6.48
14	---	---	---	5.10	5.03	4.63	4.89	---	---	---	---	6.41
15	---	---	---	5.05	4.98	4.67	4.93	---	---	---	---	6.37
16	---	---	---	5.06	4.99	4.72	4.96	---	---	---	---	6.46
17	---	---	---	5.08	5.00	4.72	4.96	---	---	---	---	6.49
18	---	---	---	5.08	5.00	4.78	4.93	---	---	---	---	6.45
19	---	---	---	5.08	4.99	4.78	4.90	---	---	---	---	6.48
20	---	---	---	5.04	4.96	4.74	4.90	---	---	---	---	6.51
21	---	---	---	4.98	4.89	4.73	4.92	---	---	---	---	6.57
22	---	---	---	4.91	4.91	4.72	4.99	---	---	---	---	6.62
23	---	---	---	4.84	4.94	4.75	5.00	---	---	---	---	6.60
24	---	---	---	4.82	4.95	4.80	5.07	---	---	---	---	6.65
25	---	---	---	4.83	4.88	4.80	5.06	---	---	---	---	6.73
26	---	---	---	4.84	4.73	4.79	5.05	---	---	---	---	6.80
27	---	---	---	4.84	4.75	4.80	5.12	---	---	---	---	6.78
28	---	---	---	4.83	4.76	4.80	5.02	---	---	---	---	6.78
29	---	---	---	4.88	4.79	4.84	5.12	---	---	---	---	6.74
30	---	---	---	4.92	---	4.83	5.17	---	---	---	---	6.76
31	---	---	---	4.97	---	4.89	---	---	---	---	---	---
MAX	---	---	---	---	5.06	4.89	5.17	---	---	---	---	---
MIN	---	---	---	---	4.73	4.41	4.89	---	---	---	---	---

GROUND-WATER LEVELS, CONTINUOUS OBSERVATION WELLS

EAGLE VALLEY

391030119480701. Local Number, 104 N15 E19 12CCAA1

LOCATION.--Lat 39°10'30", long 119°48'07" referenced to North American Datum of 1927, in NE ¼ SW ¼ SW ¼ sec. 12, T.15 N., R.19 E., Carson City, Hydrologic Unit 16050201.

WELL CHARACTERISTICS.--Diameter 2 in, depth 185 ft, cased with 2 in pvc pipe to 185 ft, perforated 170 to 180 ft.

INSTRUMENTATION.--Water level recorder.

DATUM.--Elevation is 5,063.2 ft above National Geodetic Vertical Datum of 1929 from levels. Measuring Point: Top of casing on north side, 1.2 ft above land surface datum.

PERIOD OF RECORD.--August 1994 to current year.

EXTREMES FOR PERIOD OF RECORD.--Maximum water-level depth below land surface, 147.53 ft, August 27, 2004; minimum water-level depth below land surface measured, 123.80 ft, June 13, 1998.

EXTREMES FOR CURRENT YEAR.--Maximum water-level depth below land surface, 145.53 ft, August 27; minimum water-level depth below land surface, 143.87 ft, September 8.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	144.49	144.46	144.56	144.44	144.18	144.56	144.90	144.95
2	---	---	---	---	144.36	144.68	144.53	144.37	144.21	144.55	144.92	144.84
3	---	---	---	---	144.51	144.64	144.54	144.31	144.28	144.52	144.91	144.95
4	---	---	---	---	144.67	144.59	144.54	144.26	144.28	144.58	144.87	144.99
5	---	---	---	---	144.68	144.70	144.51	144.29	144.20	144.63	144.91	144.95
6	---	---	---	---	144.51	144.76	144.55	144.37	144.14	144.62	144.95	144.92
7	---	---	---	144.34	144.53	144.72	144.56	144.37	144.11	144.55	144.95	144.87
8	---	---	---	144.48	144.54	144.59	144.50	144.36	144.31	144.59	144.94	144.63
9	---	---	---	144.42	144.56	144.52	144.57	144.28	144.43	144.63	144.94	144.54
10	---	---	---	144.39	144.54	144.61	144.52	144.25	144.43	144.69	144.94	144.64
11	---	---	---	144.36	144.49	144.52	144.47	144.33	144.34	144.68	144.92	144.68
12	---	---	---	144.45	144.52	144.54	144.46	144.36	144.36	144.65	144.94	144.62
13	---	---	---	144.47	144.46	144.64	144.42	144.35	144.38	144.68	144.96	144.68
14	---	---	---	144.32	144.51	144.68	144.45	144.30	144.34	144.73	144.94	144.80
15	---	---	---	144.31	144.52	144.66	144.44	144.24	144.30	144.73	144.99	144.76
16	---	---	---	144.40	144.53	144.60	144.45	144.24	144.33	144.70	144.99	144.77
17	---	---	---	144.42	144.57	144.54	144.46	144.26	144.37	144.72	144.99	144.75
18	---	---	---	144.44	144.53	144.54	144.56	144.35	144.38	144.76	144.95	144.74
19	---	---	---	144.38	144.59	144.65	144.48	144.28	144.41	144.75	144.97	144.82
20	---	---	---	144.45	144.47	144.69	144.42	144.27	144.37	144.77	145.00	145.04
21	---	---	---	144.56	144.45	144.58	144.39	144.28	144.34	144.76	144.96	144.98
22	---	---	---	144.46	144.48	144.48	144.56	144.23	144.34	144.76	144.93	144.83
23	---	---	---	144.26	144.62	144.56	144.45	144.22	144.44	144.78	144.98	144.81
24	---	---	---	144.28	144.67	144.61	144.42	144.27	144.45	144.85	145.03	144.83
25	---	---	---	144.56	144.46	144.54	144.47	144.28	144.44	144.88	145.01	144.80
26	---	---	---	144.52	144.59	144.66	144.45	144.28	144.40	144.81	145.05	144.78
27	---	---	---	144.49	144.71	144.68	144.33	144.26	144.41	144.82	145.06	144.79
28	---	---	---	144.56	144.70	144.63	144.22	144.22	144.47	144.85	144.97	144.76
29	---	---	---	144.51	144.59	144.47	144.42	144.30	144.47	144.86	144.95	144.77
30	---	---	---	144.37	---	144.44	144.49	144.29	144.52	144.85	144.97	144.80
31	---	---	---	144.48	---	144.52	---	144.22	---	144.87	144.99	---
MAX	---	---	---	---	144.71	144.76	144.57	144.44	144.52	144.88	145.06	145.04
MIN	---	---	---	---	144.36	144.44	144.22	144.22	144.11	144.52	144.87	144.54

GROUND-WATER LEVELS, CONTINUOUS OBSERVATION WELLS

EAGLE VALLEY

391110119460602. Local Number, 104 N15 E20 08BBBB3

LOCATION.--Lat 39°11'10.3", long 119°46'06" referenced to North American Datum of 1927, in NW ¼ NW ¼ NW ¼ sec. 08, T.15 N., R.20 E., Carson City, Hydrologic Unit 16050201.

WELL CHARACTERISTICS.--Diameter 2 in, depth 20 ft, cased with 2 in pvc pipe to 20 ft, perforated 10 to 20 ft.

INSTRUMENTATION.--Water level recorder.

DATUM.--Elevation of land-surface datum is 4,724 ft above National Geodetic Vertical Datum of 1929. Measuring Point. Top of casing on west side, 0.5 ft below land-surface datum.

PERIOD OF RECORD.--February 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Maximum water-level depth below land surface, 6.61 ft, September 29, 30; minimum water-level depth below land surface measured, 5.10 ft, April 10, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum water-level depth below land surface, 6.61 ft, September 30; minimum water-level depth below land surface, 5.10 ft, April 10.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	5.78	5.48	5.28	5.32	5.49	5.73	6.14	---
2	---	---	---	---	5.77	5.45	5.28	5.32	5.50	5.74	6.15	---
3	---	---	---	---	5.75	5.42	5.28	5.32	5.51	5.74	6.17	---
4	---	---	---	---	5.77	5.41	5.28	5.32	5.52	5.75	6.19	---
5	---	---	---	---	5.78	5.41	5.27	5.32	5.53	5.76	6.20	---
6	---	---	---	5.84	5.78	5.42	5.27	5.33	5.53	5.76	6.22	---
7	---	---	---	5.83	5.78	5.41	5.27	5.35	5.54	5.76	6.24	6.45
8	---	---	---	5.83	5.76	5.40	5.23	5.36	5.55	5.78	6.25	6.45
9	---	---	---	5.82	5.77	5.38	5.16	5.36	5.59	5.79	6.26	6.46
10	---	---	---	5.82	5.77	5.38	5.11	5.37	5.61	5.81	6.27	6.47
11	---	---	---	5.81	5.76	5.37	5.13	5.37	5.62	5.82	6.29	6.48
12	---	---	---	5.81	5.77	5.37	5.15	5.38	5.63	5.83	6.29	6.48
13	---	---	---	5.81	5.77	5.38	5.16	5.39	5.64	5.84	6.30	6.48
14	---	---	---	5.79	5.77	5.39	5.18	5.40	5.65	5.86	6.32	6.50
15	---	---	---	5.79	5.78	5.40	5.19	5.40	5.65	5.88	6.34	6.50
16	---	---	---	5.79	5.78	5.40	5.20	5.41	5.66	5.89	6.37	6.50
17	---	---	---	5.80	5.76	5.39	5.21	5.42	5.67	5.91	6.36	6.50
18	---	---	---	5.81	5.74	5.40	5.24	5.43	5.65	5.92	6.39	6.50
19	---	---	---	5.82	5.70	5.40	5.24	5.44	5.62	5.94	6.39	6.51
20	---	---	---	5.81	5.70	5.41	5.25	5.45	5.58	5.96	6.39	6.52
21	---	---	---	5.75	5.69	5.39	5.25	5.46	5.55	5.97	---	6.53
22	---	---	---	5.73	5.69	5.34	5.28	5.46	5.56	6.00	---	6.54
23	---	---	---	5.72	5.70	5.34	5.28	5.46	5.61	6.01	---	6.55
24	---	---	---	5.71	5.71	5.34	5.28	5.47	5.64	6.03	6.37	6.57
25	---	---	---	5.73	5.68	5.33	5.29	5.49	5.67	6.05	6.36	6.57
26	---	---	---	5.77	5.62	5.32	5.29	5.50	5.68	6.07	---	6.58
27	---	---	---	5.77	5.57	5.32	5.28	5.51	5.68	6.07	---	6.59
28	---	---	---	5.78	5.55	5.32	5.26	5.49	5.68	6.09	---	6.60
29	---	---	---	5.78	5.54	5.30	5.28	5.49	5.69	6.11	---	6.60
30	---	---	---	5.77	---	5.28	5.31	5.49	5.70	6.11	---	6.61
31	---	---	---	5.78	---	5.28	---	5.49	---	6.12	---	---
MAX	---	---	---	---	5.78	5.48	5.31	5.51	5.70	6.12	---	---
MIN	---	---	---	---	5.54	5.28	5.11	5.32	5.09	5.73	---	---

GROUND-WATER LEVELS, OBSERVATION WELLS

EAGLE VALLEY

391127119442501. Local Number, 104 N15 E20 04DBCD1

LOCATION.--Lat 39°11'27.0", long 119°44'24.8" referenced to North American Datum of 1927, in SW ¼ NW ¼ SE ¼ sec. 04, T.15 N., R.20 E., Carson City, Hydrologic Unit 16050201.

WELL CHARACTERISTICS.--Diameter 2 in, depth 32 ft, cased with 2 in pvc pipe to 32 ft, perforated 22 to 32 ft.

INSTRUMENTATION.--Water level recorder.

DATUM.--Elevation is 4,688 ft above National Geodetic Vertical Datum of 1929 from topographic map. Measuring Point: Top of casing on west side, 0.5 ft below land surface datum.

PERIOD OF RECORD.--May 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Maximum water-level depth below land surface, 13.76 ft, July 24, 25, 2004; minimum water-level depth below land surface measured, 13.0 ft, May 15, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum water-level depth below land surface, 13.76 ft, July 24, 25; minimum water-level depth below land surface, 13.28 ft, March 22, 30.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	13.55	13.34	13.34	13.51	13.53	13.62	13.70	13.55
2	---	---	---	---	13.52	13.37	13.34	13.50	13.54	13.62	13.71	13.53
3	---	---	---	---	13.55	13.36	13.34	13.49	13.56	13.61	13.71	13.57
4	---	---	---	---	13.61	13.33	13.35	13.47	13.56	13.63	13.70	13.60
5	---	---	---	---	13.64	13.35	13.35	13.47	13.55	13.65	13.71	13.61
6	---	---	---	13.00	13.60	13.38	13.37	13.50	13.52	13.65	13.73	13.62
7	---	---	---	13.51	13.60	13.38	13.38	13.51	13.49	13.63	13.73	13.60
8	---	---	---	13.55	13.60	13.35	13.37	13.52	13.51	13.63	13.73	13.11
9	---	---	---	13.54	13.61	13.32	13.40	13.50	13.05	13.65	13.73	13.61
10	---	---	---	13.54	13.60	13.34	13.40	13.49	13.56	13.67	13.72	13.64
11	---	---	---	13.53	13.58	13.32	13.39	13.52	13.55	13.68	13.72	13.65
12	---	---	---	13.57	13.58	13.32	13.38	13.53	13.56	13.67	13.72	13.63
13	---	---	---	13.59	13.56	13.34	13.37	13.55	13.57	13.68	13.72	13.64
14	---	---	---	13.55	13.56	13.36	13.37	13.54	13.57	13.70	13.71	13.66
15	---	---	---	13.54	13.56	13.37	13.37	13.52	13.56	13.71	13.72	13.65
16	---	---	---	13.56	13.57	13.36	13.37	13.52	13.56	13.70	13.67	13.65
17	---	---	---	13.58	13.58	13.34	13.39	13.52	13.58	13.70	13.63	13.63
18	---	---	---	13.59	13.57	13.31	13.43	13.56	13.58	13.72	13.57	13.62
19	---	---	---	13.58	13.58	13.34	13.42	13.54	13.59	13.72	13.55	13.64
20	---	---	---	13.61	13.54	13.36	13.42	13.54	13.58	13.72	13.54	13.71
21	---	---	---	13.65	13.52	13.35	13.41	13.54	13.57	13.72	13.51	13.70
22	---	---	---	13.62	13.51	13.31	13.46	13.53	13.55	13.72	13.50	13.66
23	---	---	---	13.53	13.53	13.32	13.45	13.52	13.57	13.72	13.50	13.64
24	---	---	---	13.49	13.54	13.33	13.45	13.53	13.57	13.74	13.50	13.65
25	---	---	---	13.55	13.47	13.32	13.47	13.54	13.57	13.74	13.50	13.63
26	---	---	---	13.56	13.48	13.35	13.48	13.55	13.56	13.72	13.52	13.63
27	---	---	---	13.55	13.47	13.37	13.45	13.55	13.56	13.71	13.54	13.63
28	---	---	---	13.58	13.44	13.37	13.41	13.52	13.58	13.72	13.53	13.61
29	---	---	---	13.57	13.39	13.32	13.46	13.54	13.59	13.71	13.53	13.60
30	---	---	---	13.53	---	13.30	13.50	13.55	13.60	13.70	13.54	13.62
31	---	---	---	13.55	---	13.32	---	13.54	---	13.70	13.55	---
MAX	---	---	---	---	13.64	13.38	13.50	13.56	13.60	13.74	13.73	13.71
MIN	---	---	---	---	13.39	13.30	13.34	13.47	13.05	13.61	13.50	13.11

GROUND-WATER LEVELS, CONTINUOUS OBSERVATION WELLS

GARDEN VALLEY

380758115204601. Local Number, 172 N03 E59 10BD 1.

LOCATION.--Lat 38°08'15", long 115°20'20" referenced to North American Datum of 1927, in SE ¼ NW ¼ sec. 10, T.03 N., R.59 E., Nye County, Hydrologic Unit 16060014.

AQUIFER.--Alluvium of Quaternary age and Paleozoic Carbonate Rock.

WELL CHARACTERISTICS.--Diameter 13.8 in, depth 1,837 ft, cased to 118 ft, open hole from 118 to 1837 ft.

INSTRUMENTATION.--Water-level recorder.

DATUM.--Elevation of land-surface datum is 5,560 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top lip of the casing at land-surface.

REMARKS.--Water-level affected by pumping of nearby well. Loss of record from January 3 to March 12 caused by faulty transducer.

PERIOD OF RECORD.--December 1980 to current year.

EXTREMES FOR PERIOD OF RECORD.--Maximum water-level depth below land surface recorded, 804.57 ft, March 13, 1992; minimum water-level depth below land surface recorded, 797.03 ft, February 9, 1999.

EXTREMES FOR CURRENT YEAR.--Maximum water-level depth below land surface, 799.93 ft, December 17, 18; minimum water-level depth below land surface, 797.04 ft, December 25.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	797.64	797.53	797.55	797.41	---	---	797.41	797.67	797.48	797.59	797.62	797.62
2	797.49	797.46	797.63	797.35	---	---	797.47	797.63	797.53	797.58	797.59	797.42
3	797.56	797.48	797.53	---	---	---	797.58	797.55	797.59	797.53	797.59	797.49
4	797.60	797.56	798.54	---	---	---	798.37	797.48	797.60	797.55	797.57	797.63
5	797.62	797.59	797.55	---	---	---	797.55	797.48	797.52	797.61	797.59	797.69
6	797.59	797.63	797.42	---	---	---	797.52	797.56	797.42	797.61	797.62	797.67
7	797.52	797.59	797.34	---	---	---	797.55	797.57	797.35	797.51	797.64	797.62
8	797.57	797.61	797.53	---	---	---	797.51	797.53	797.39	797.50	797.66	797.61
9	797.50	797.55	797.56	---	---	---	798.61	797.46	797.47	797.55	797.65	797.61
10	797.53	797.59	797.39	---	---	---	797.62	797.30	797.60	797.59	797.62	797.65
11	797.67	797.65	797.39	---	---	---	797.61	797.43	797.57	797.60	797.60	797.66
12	797.63	797.54	797.54	---	---	---	797.56	797.53	797.57	797.58	797.62	797.54
13	797.70	797.53	797.55	---	---	798.80	797.50	797.61	797.60	797.60	797.63	797.48
14	797.58	797.56	797.37	---	---	797.72	797.63	797.54	797.55	797.63	797.62	797.57
15	797.57	797.50	797.67	---	---	798.48	798.59	797.48	797.53	797.64	797.65	797.60
16	797.70	797.48	797.73	---	---	797.67	797.51	797.44	797.55	797.60	797.65	797.59
17	797.71	797.58	798.73	---	---	798.41	797.41	797.46	797.61	797.61	797.63	797.55
18	797.66	797.77	798.63	---	---	797.60	798.62	797.50	797.60	797.62	797.59	797.44
19	797.65	797.90	797.57	---	---	798.47	797.61	797.51	797.59	797.60	797.60	797.40
20	797.70	798.36	797.42	---	---	798.56	797.54	797.49	797.54	797.59	797.63	797.68
21	797.68	798.61	797.50	---	---	798.55	797.42	797.49	797.54	797.58	797.59	797.79
22	797.61	797.62	797.63	---	---	797.53	797.54	797.47	797.57	797.55	797.50	797.73
23	797.57	797.72	797.43	---	---	798.43	797.62	797.43	797.61	797.57	797.49	797.70
24	797.64	797.46	797.35	---	---	797.56	797.59	797.51	797.61	797.63	797.56	797.68
25	797.73	797.36	797.20	---	---	798.16	797.67	797.53	797.59	797.64	797.58	797.65
26	797.73	797.55	797.37	---	---	797.55	797.70	797.53	797.55	797.58	797.56	797.63
27	797.60	797.84	797.63	---	---	798.60	797.54	797.53	797.55	797.56	797.70	797.63
28	797.43	797.68	797.60	---	---	797.79	797.28	797.44	797.57	797.58	797.66	797.60
29	797.18	797.52	797.36	---	---	798.77	797.46	797.55	797.56	797.55	797.62	797.52
30	797.25	797.54	797.41	---	---	797.55	797.63	797.61	797.58	797.56	797.64	797.55
31	797.42	---	797.40	---	---	798.26	---	797.55	---	797.58	797.67	---
MAX	797.73	798.61	798.73	---	---	---	798.62	797.67	797.61	797.64	797.70	797.79
MIN	797.18	797.36	797.20	---	---	---	797.28	797.30	797.35	797.50	797.49	797.40

GROUND-WATER LEVELS, CONTINUOUS OBSERVATION WELLS

STEPTOE VALLEY

393310114475001. Local number, 179 N20 E64 32C 2.

LOCATION.--Lat 39°33'10", long 114°47'50" referenced to North American Datum of 1927, in SW ¼ sec. 32, T.20 N., R.64 E., White Pine County, Hydrologic Unit 16060008, approximately 11 mi north of McGill in Steptoe Valley.

WELL CHARACTERISTICS.--Diameter 10 in, depth 122 ft, cased to 122 ft, perforated 20 to 120 ft.

AQUIFER.--Alluvium of Quaternary age.

INSTRUMENTATION.--Water-level recorder.

DATUM.--Elevation of land-surface datum is 6,037 ft above NGVD of 1929, from topographic map. Measuring point: Top of casing, 1.0 ft above land-surface datum or arrow on gage floor, 3.86 ft above land-surface datum.

PERIOD OF RECORD.--1918, 1936, 1949 (unpublished and available in the files of the U.S. Geological Survey); 1950 current year.

EXTREMES FOR PERIOD OF RECORD.--Maximum water-level depth below land surface measured 16.30 ft, January 2, 1936; minimum water-level depth below land surface recorded, 6.03 ft below land-surface datum, May 2, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum water-level depth below land surface, 10.46 ft, September 18, 19; minimum water-level depth below land surface, 8.51 ft, April 28.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10.08	9.72	9.40	9.16	8.97	8.80	8.60	8.54	8.93	9.57	10.12	10.41
2	10.07	9.71	9.40	9.16	8.96	8.79	8.60	8.54	8.95	9.59	10.14	10.41
3	10.06	9.70	9.38	9.15	8.96	8.79	8.60	8.54	8.97	9.61	10.15	10.42
4	10.05	9.69	9.38	9.15	8.96	8.77	8.59	8.55	9.01	9.63	10.16	10.41
5	10.04	9.68	9.37	9.14	8.96	8.77	8.59	8.56	9.03	9.66	10.18	10.41
6	10.02	9.67	9.36	9.13	8.95	8.77	8.59	8.59	9.06	9.68	10.19	10.42
7	10.00	9.66	9.35	9.13	8.94	8.77	8.58	8.60	9.08	9.70	10.21	10.42
8	9.99	9.65	9.34	9.12	8.93	8.76	8.58	8.62	9.11	9.72	10.22	10.42
9	9.97	9.64	9.34	9.12	8.93	8.74	8.58	8.63	9.14	9.74	10.24	10.43
10	9.97	9.62	9.33	9.11	8.92	8.73	8.57	8.64	9.17	9.77	10.25	10.43
11	9.96	9.61	9.32	9.10	8.92	8.73	8.57	8.66	9.19	9.80	10.27	10.43
12	9.94	9.59	9.32	9.10	8.91	8.72	8.56	8.67	9.21	9.82	10.28	10.44
13	9.93	9.58	9.31	9.09	8.90	8.71	8.55	8.68	9.23	9.84	10.30	10.44
14	9.92	9.57	9.30	9.08	8.90	8.70	8.55	8.69	9.25	9.87	10.31	10.45
15	9.90	9.56	9.30	9.07	8.89	8.70	8.55	8.70	9.27	9.89	10.32	10.45
16	9.89	9.55	9.29	9.07	8.89	8.69	8.55	8.71	9.30	9.91	10.33	10.45
17	9.88	9.54	9.28	9.07	8.88	8.68	8.54	8.73	9.32	9.93	10.33	10.45
18	9.87	9.53	9.27	9.06	8.88	8.67	8.55	8.75	9.33	9.93	10.34	10.45
19	9.86	9.52	9.26	9.06	8.87	8.67	8.55	8.77	9.34	9.94	10.33	10.45
20	9.86	9.50	9.26	9.05	8.87	8.67	8.54	8.80	9.35	9.96	10.34	10.44
21	9.85	9.49	9.25	9.05	8.86	8.66	8.54	8.81	9.37	9.97	10.34	10.42
22	9.84	9.49	9.25	9.05	8.85	8.65	8.54	8.82	9.40	9.98	10.35	10.39
23	9.82	9.48	9.24	9.04	8.85	8.64	8.54	8.84	9.42	9.99	10.36	10.38
24	9.80	9.47	9.23	9.02	8.85	8.64	8.53	8.85	9.44	10.01	10.37	10.37
25	9.80	9.46	9.22	9.01	8.84	8.63	8.54	8.86	9.46	10.01	10.37	10.36
26	9.78	9.46	9.20	9.01	8.82	8.63	8.54	8.87	9.47	10.03	10.38	10.35
27	9.77	9.45	9.20	9.00	8.81	8.63	8.53	8.88	9.49	10.05	10.38	10.34
28	9.76	9.44	9.19	9.00	8.81	8.63	8.52	8.89	9.51	10.06	10.39	10.33
29	9.74	9.43	9.18	8.99	8.81	8.62	8.53	8.90	9.53	10.07	10.39	10.33
30	9.74	9.42	9.18	8.98	---	8.60	8.54	8.91	9.54	10.09	10.40	10.31
31	9.73	---	9.17	8.97	---	8.60	---	8.92	---	10.10	10.40	---
MAX	10.08	9.72	9.40	9.16	8.97	8.80	8.60	8.92	9.54	10.10	10.40	10.45
MIN	9.73	9.42	9.17	8.97	8.81	8.60	8.52	8.54	8.93	9.57	10.12	10.31

PERIODIC GROUND-WATER LEVELS

County code--001, Churchill; 003, Clark; 007, Elko; 009, Esmeralda; 011, Eureka; 013, Humboldt; 015, Lander; 017, Lincoln; 019, Lyon; 023, Nye; 027, Pershing; 031, Washoe; 033, White Pine; Independent City code: 510, Carson City.

Depths, perforated interval, and elevation--Depths are referenced to land-surface datum (LSD). Elevation is that of LSD, with reference to sea level.

Water Level--Levels above LSD are listed as negative values.

Water Level Status--A, water-level was affected by atmospheric pressure; D, site was dry (no water level was recorded); F, site was flowing. Water level or head could not be measured without additional equipment; O, obstruction was encountered in the well (no water level was recorded); P, site was being pumped; R, site had been pumped recently; S, site that taps the same aquifer was being pumped; T, nearby site that taps the same aquifer had been pumped recently;

V, foreign substance was present on the surface of the water; X, water level was affected by stage in nearby surface-water site; Z, other.

Water Level Method--A, airline; R, reported; S, steel tape; T, electric tape; V, calibrated electric tape; Z, other.

Reporting Agency--NV003, Nevada Division of Water Resources; USGS, U.S. Geological Survey.

Local Well No	Site Identification	First Available Water Level	County Code	Well Depth	Perforated Interval (feet)		Elevation (Feet Above Sea Level)	Water Level (Below Land Surface)			Reporting Agency
					Top	Bottom		Date	Feet	Status Method	
001 N47 E30 15SDSD1	415800118370001	03/20/1968	013	200.			4380.	03/18/2004	55.27	S	USGS
002 N45 E28 10CAB 1	415000118440001	03/20/1968	013	48.			4228.	03/18/2004	6.70	S	USGS
025N005E17J001S	361818116271801	12/18/2003	027	400.	340.	380.	2161.60	12/18/2003	110.94	S	USGS
								02/23/2004	110.99	S	USGS
								05/17/2004	110.93	S	USGS
								09/28/2004	110.93	S	USGS
025N005E17J002S	361818116271802	12/18/2003	027	190.	130.	170.	2161.76	12/18/2003	109.80	S	USGS
								02/23/2004	109.81	S	USGS
								05/17/2004	109.80	S	USGS
								09/28/2004	109.81	S	USGS
025N001E24E002S	362718116494101	03/17/2004	027	970.	950.	970.	508.32	03/17/2004	89.17	S	USGS
								05/26/2004	89.00	S	USGS
								09/14/2004	88.74	S	USGS
027N001E24E003S	362718116494102	03/17/2004	027	540.	480.	540.	508.32	03/17/2004	82.73	S	USGS
								05/26/2004	82.81	S	USGS
								09/14/2004	82.93	S	USGS
027N001E24E004S	362718116494103	03/17/2004	027	200.	180.	200.	508.32	03/17/2004	87.22	S	USGS
								05/26/2004	87.29	S	USGS
								09/14/2004	87.36	S	USGS
030B N42 E34 04BABC1	413253118101401	09/19/1963	013	22.			4114.	03/22/2004	8.52	S	NV003
030B N43 E34 28DBBB1	413412118100201	09/19/1963	013				4125.	03/22/2004	15.13	S	NV003
031 N34 E32 16ABDC1	404901118223601	11/11/1990	027	152.	147.	152.	4210.	11/05/2003	119.67	S	USGS
								12/16/2003	119.71	S	USGS
								01/27/2004	119.76	S	USGS
								03/17/2004	119.72	S	USGS
								04/21/2004	119.75	S	USGS
								06/08/2004	119.69	S	USGS
								07/06/2004	119.71	S	USGS
								08/18/2004	119.74	S	USGS
033A N42 E37 04BDCA1	413300117494001	04/30/1973	013	360.			4235.	03/18/2004	111.32	S	USGS
033A N42 E37 32AAAC1	412854117495001	04/29/1971	013	250.	150.	250.	4200.	03/18/2004	69.42	S	USGS
045 N33 E58 19ADDD1	404350115281001	08/18/1934	007	16.			5950.	04/01/2004	11.36	S	USGS
045 N34 E56 23DAAB	404809115373101	04/09/2004	007	119.0			5410.	04/09/2004	75.92	S	USGS
046 N31 E56 16ADDA1	403400115400001	10/21/1964	007	193.			5650.	04/02/2004	94.28	S	USGS
048 N32 E56 11BBBC1	403958115374801	10/14/1960	007	230.	164.	230.	5539.	04/12/2004	154.85	A	USGS
048 N33 E56 08CAAD1	404521115395801	08/01/1944	007	12.			5290.	04/02/2004	7.91	S	USGS
048 N33 E56 21CCDD1	404328115403401	10/21/1964	007	177.	113.	177.	5380.	04/12/2004	74.06	S	USGS
048 N33 E56 35BABD1	404153115373801	10/27/1960	007	78.	43.	78.	5430.	04/14/2004	30.39	S	USGS
054 N29 E48 03BCDD1	402450116324001	04/12/1973	011	53.			4735.	03/31/2004		F	USGS
054 N29 E48 29CCCD1	402100116352001	03/17/1958	011	300.			4797.	03/31/2004	49.09	S	USGS
056 N24 E43 35CC 1	395335117062401	07/06/1961	015	202.			6000.	03/25/2004	3.88	S	USGS
059 N31 E44 01DBDD1	403520117181101	05/28/1964	015	52.			4560.	03/31/2004		D	USGS
059 N31 E45 05ABBD1	403539116553201	08/05/1964	015	6.			4545.	03/31/2004		D	USGS
061 N32 E45 11DACA1	403920116520001	06/21/1949	015	197.			4518.	03/24/2004	10.42	S	USGS
069 N38 E39 28CDDD1	410806117353501	02/26/1968	013	256.			4317.	03/18/2004	35.74	S	USGS
069 N41 E40 30AABB1	412421117303301	03/25/1970	013	27.			4414.	03/18/2004	1.33	S	USGS

PERIODIC GROUND-WATER LEVELS--Continued

Local Well No	Site Identification	First Available Water Level	County Code	Well Depth	Perforated Interval (feet)			Elevation (Feet Above Sea Level)	Water Level (Below Land Surface)				
					Top	Bottom	Date		Feet	Status	Method	Reporting Agency	
069	N42 E39 25CAC 1	412910117321001	08/17/1945	013	17.			4523.	11/06/2003	8.66		S	USGS
									12/19/2003	8.87		S	USGS
									01/28/2004	9.00		S	USGS
									03/18/2004	8.04		S	USGS
									04/22/2004	7.73		S	USGS
									04/23/2004	7.72		S	USGS
									04/26/2004	7.72		S	USGS
									05/04/2004	7.71		S	USGS
									06/09/2004	3.60		S	USGS
									07/07/2004	5.79		S	USGS
									08/19/2004	7.91		S	USGS
070	N36 E40 29BCBC1	405810117302801	12/15/1949	013	101.			4364.	03/25/2004			D	USGS
070	N36 E40 29CDAB1	405747117295101	04/12/1995	013	306.			4375.	03/25/2004	6.13		S	USGS
071	N33 E38 32BABB1	404138117441501	09/22/1939	027	55.			4431.	03/19/2004	41.86		S	USGS
072	N32 E33 28DDDD1	403620118153001	03/02/1950	027	236.	98.	234.	4210.	03/25/2004	38.97		S	USGS
081	N24 E22 31CCCC2	395357119333401	07/10/1970	031	226.			3986.	03/16/2004	19.01		S	USGS
081	N27 E21 09BDAC1	401352119380201	07/28/1967	031	47.	45.	47.	3845.	04/13/2004	15.13		S	USGS
081	N27 E21 16ABCD1	401245119374401	07/28/1967	031	44.	42.	44.	3838.	04/13/2004	20.03		S	USGS
081	N28 E21 33CCDC1	401443119381201	07/28/1967	031	60.	58.	60.	3865.	04/13/2004	25.51		S	USGS
083	N19 E20 14AAAC1	393108119415101	06/09/2001	031	161.	151.	161.	4387.6	12/15/2003	4.2		S	T USGS
									06/10/2004	3.9		T	USGS
									09/14/2004	4.0		T	USGS
083	N19 E20 14AAAC2	393108119415102	06/09/2001	031	26.	16.	26.	4387.6	12/15/2003	16.93		S	USGS
									06/10/2004	15.9		T	USGS
									09/14/2004	17.0		T	USGS
085	N20 E20 03BCCC1	393744119435101	02/22/1964	031	379.			4595.	03/23/2004	71.16		S	USGS
085	N20 E20 10CDAB1	393637119432901	10/25/1977	031	105.	59.	99.	4492.	03/23/2004	36.23		S	USGS
085	N20 E20 11BDDA1	393655119421901	11/23/1951	031	160.	80.	160.	4462.	03/23/2004	5.13		S	USGS
085	N21 E20 35CBAC1	393831119424701	08/02/2004	031	48.	38.	48.	4494.	08/02/2004	35.3		T	USGS
085	N21 E20 35CBAC1	393829119424501	08/02/2004	031	45.	35.	45.	4494.	08/02/2004	35.7		T	USGS
085	N21 E20 35CCDA1	393813119424001	08/02/2004	031	45.	40.	45.	4489.	08/02/2004	37.3		T	USGS
085	N21 E20 35CDCC1	393812119423801	08/02/2004	031	45.	40.	45.	4488.	08/02/2004	36.4		T	USGS
085	N21 E20 35DCBA1	393822119421501	08/02/2004	031	65.	55.	65.	4494.	08/02/2004	51.5		T	USGS
085	N21 E20 36BAAA1	393901119411601	08/26/2004	031	60.	50.	60.	4529.94	08/26/2004	46.6		T	USGS
087	N18 E20 06BAAA3	392744119464601	06/20/1994	031	28.	23.	28.	4460.	05/25/2004	9.1		T	USGS
087	N18 E20 18ACAD1	392541119463101	02/24/2002	031	102.	92.	102.	4642.	05/25/2004	99.8		T	USGS
087	N18 E20 19AABA1	392507119462001	01/22/2002	031	139.	129.	139.	4670.	12/16/2003	136.8		T	USGS
									01/07/2004	136.6		T	USGS
									03/16/2004	137.2		T	USGS
									05/04/2004	138.2		T	USGS
									05/25/2004	138.7		T	USGS
									06/07/2004	138.95		T	USGS
									07/14/2004			D	USGS
087	N19 E19 16CCCA1	393023119513701	01/20/2002	031	49.	39.	49.	4618.	05/25/2004	38.2		T	USGS
087	N19 E19 25BAAA1	392927119475201	06/21/1994	031	57.	47.	57.	4460.	05/25/2004	34.9		T	USGS
087	N19 E19 26CDDD1	392837119485901	02/27/2002	031	159.	144.	154.	4635.	05/25/2004	98.5		T	USGS
087	N19 E20 02BACB1	393249119422901	06/24/1994	031	20.	10.	20.	4400.	05/25/2004	7.8		T	USGS
087	N19 E20 08DDBB1	393123119452301	05/04/1994	031	15.	10.	15.	4409.	05/25/2004	9.3		T	USGS
087	N19 E20 16BCAC1	393054119445501	04/15/1994	031	15.	10.	15.	4400.	05/25/2004	8.8		T	USGS
087	N19 E20 18CDBA1	393033119465401	05/20/1994	031	38.	33.	38.	4422.	05/25/2004	26.6		T	USGS
087	N19 E20 20DCAD1	392937119452601	05/04/1994	031	14.	10.	15.	4395.	05/25/2004	6.1		T	USGS
087	N19 E20 30BADD1	392918119464901	01/25/2002	031	21.	11.	21.	4409.	12/15/2003	5.32		S	USGS
									01/07/2004	5.2		T	USGS
									01/28/2004	4.9		T	USGS
									03/16/2004	4.8		T	USGS
									05/04/2004	5.4		T	USGS
									06/07/2004	5.4		T	USGS
									09/13/2004	6.4		T	USGS
089	N16 E19 14DCCD1	391439119485301	03/14/2001	031	83.	70.	90.	5030.	04/02/2004	9.47		X	S USGS
089	N16 E19 15DADB1	391458119493801	09/12/1993	031	130.	100.	130.	5080.	04/02/2004	10.43		R	S USGS
089	N16 E19 35ACD 1	391233119484501	05/25/1960	510	76.	52.	72.	5220.	10/15/2003	11.15		S	NV003
089	N16 E19 35ACD 2	391233119484502	05/06/1976	510	220.			5240.	10/15/2003	2.74		S	NV003

PERIODIC GROUND-WATER LEVELS--Continued

Local Well No	Site Identification	First Available Water Level	County Code	Well Depth	Perforated Interval (feet)			Elevation (Feet Above Sea Level)	Water Level (Below Land Surface)			
					Top	Bottom	Date		Feet	Status	Method	Reporting Agency
089 N26 E19 10BBDA1	391618119502301	03/20/2003	031				5064.	04/02/2004	10.18		S	USGS
090 N13 E18 32DCAA1	385636119583701	09/19/1996	017	97.			6258.2	10/21/2003	38.10		S	USGS
090 N13 E18 33ADB 1	385659119572901	10/21/2003	017	12.8	4.5	12.8	6236.5	10/21/2003			S	USGS
097 N26 E19 02DCA 1	400849119485301	03/22/1988	031	240.	224.	240.	4172.	03/16/2004	202.44		S	USGS
097 N27 E19 24ADDD1	401138119472301	03/18/1988	031	180.	168.	180.	4010.	03/16/2004	61.84		S	USGS
097 N28 E20 31BACD1	401528119470501	09/26/1988	031	330.	317.	330.	4178.	11/04/2003	251.21		S	USGS
								12/10/2003	251.18		S	USGS
								02/04/2004	251.25		S	USGS
								03/16/2004	251.24		S	USGS
								04/19/2004	251.24		S	USGS
								05/26/2004	251.24		S	USGS
								07/06/2004	251.26		S	USGS
102 N15 E24 21CDBC1	390841119181401	09/12/1941	019	195.			4730.	03/05/2004	124.26		S	USGS
102 N17 E24 01DADD1	392154119135301	09/21/2004	001	160.	140.	160.	4207.	09/21/2004	45.97	R	S	NV003
102 N18 E24 27DCDD1	392325119163101	09/22/2004	001				4309.66	09/22/2004	124.69		S	NV003
102 N18 E25 33CCBB1	390841119181401	09/12/1941	019	195.			4730.	03/05/2004	124.26		S	USGS
102 N18 E26 05DBBB1	392713119051801	09/20/2004	001	320.	290.	320.	4199.42	09/20/2004	131.30		S	NV003
103 N15 E2015BDBA1	391004119433301	01/06/1975	510	105.	85.	105.	4620.	10/15/2003	8.82		S	NV003
103 N17 E23 10ABCD1	392126119230901	09/22/1977	019	88.			4276.98	03/29/2004	61.65		S	USGS
103 N17 E23 10BABD1	392132119232501	05/12/1969	019	300.	234.	300.	4285.5	03/29/2004	70.85		S	USGS
103 N17 E23 11DBAB1	392112119215801	04/07/1981	019	180.			4288.	03/29/2004	69.57		S	USGS
103 N17 E23 18DDDD1	391954119260601	05/05/1962	019	822.	137.	265.	4285.9	03/29/2004		O		USGS
103 N17 E23 26CCCC1	391812119224001	05/08/1976	019	176.	156.	176.	4298.	03/29/2004	63.40		S	USGS
103 N17 E23 27ABAC1	391857119230701	11/04/1963	019	220.	180.	220.	4286.	03/29/2004	55.94		S	USGS
103 N18 E23 35CBDD1	392246119222901	09/19/1977	019	215.	191.	211.	4400.	03/30/2004	184.87	R	S	USGS
104 N15 E19 01CCCC1	391111119481901	08/06/1994	510	117.	102.	112.	5207.5	01/20/2004	96.0		T	USGS
								05/24/2004	96.5		T	USGS
104 N15 E19 12ACAB1	391055119473301	05/01/1984	510	273.	137.00	273.00	4927.	01/20/2004	232.8		T	USGS
104 N15 E19 12ADAA1	391057119471901	07/08/1972	510	500.	295.00	494.00	4860.	01/20/2004	163.0		T	USGS
104 N15 E19 12BBCB1	391105119481101	08/04/1994	510	163.	148.	158.	5181.5	01/20/2004	140.8		T	USGS
104 N15 E19 12CCAA1	391030119480701	08/19/1994	510	185.	170.	180.	5063.2	12/17/2003	144.3		T	USGS
								01/06/2004	144.4		T	USGS
								02/06/2004	144.6		T	USGS
								03/17/2004	144.6		T	USGS
								05/24/2004	144.4		T	USGS
								06/08/2004	144.3		T	USGS
								08/02/2004	145.0		T	USGS
								09/07/2004	145.0		T	USGS
104 N15 E19 13ADDD1	390955119471601	03/27/1996	510	127.	60.	120.	4800.	10/22/2003	27.82		S	NV003
104 N15 E19 13CADA1	390943119474801	08/08/1994	510	108.	93.	103.	4889.12	01/27/2004	73.8		T	USGS
								05/24/2004	77.2		T	USGS
104 N15 E19 13CADA2	390943119474802	08/08/1994	510	190.	175.	185.	4889.12	10/28/2003	74.3		T	USGS
								01/27/2004	75.4		T	USGS
								04/05/2004	76.4		T	USGS
104 N15 E19 13CADA2	390943119474802	08/08/1994	510	190.	175.	185.	4889.12	05/24/2004	78.5		T	USGS
								07/12/2004	79.1		T	USGS
104 N15 E20 02CACC2	391125119423002	07/22/1977	510	39.	37.	39.	4639.	10/15/2003		F		NV003
								05/24/2004	4.5		T	USGS
104 N15 E20 04DBCD1	391127119442501	05/15/2002	510	32.	22.	32.	4688.	12/18/2003	13.8		T	USGS
								01/06/2004	13.6		T	USGS
								02/06/2004	13.6		T	USGS
								03/17/2004	13.4		T	USGS
								05/24/2004	13.6		T	USGS
								06/09/2004	13.6		T	USGS
								08/02/2004	13.8		T	USGS
104 N15 E20 04DBCD1	391127119442501	05/15/2002	510	32.	22.	32.	4688.	09/08/2004	13.6		T	USGS
104 N15 E20 04DBDD1	391126119441901	01/06/1975	510	89.	68.	88.	4682.	10/15/2003	14.1		S	NV003
104 N15 E20 04DBDD2	391126119441902	07/25/1977	510	33.	30.	32.	4682.	10/15/2003	15.13		S	NV003
104 N15 E20 05BBCA1	391155119460401	01/06/1975	510	102.	82.	102.	4737.	10/15/2003	30.66		S	NV003
104 N15 E20 05BBCA2	391155119460402	09/26/1977	510	62.			4737.	10/15/2003	37.89		S	NV003
104 N15 E20 06BDBD1	391149119465201	10/08/1994	510	460.	100.	440.	4750.	10/15/2003	50.03		S	NV003
104 N15 E20 07BACD1	391100119465101	09/09/1997	031	250.	55.	245.	4785.	01/20/2004	85.1		T	USGS

PERIODIC GROUND-WATER LEVELS--Continued

Local Well No	Site Identification	First Available Water Level	County Code	Well Depth	Perforated Interval (feet)			Elevation (Feet Above Sea Level)	Water Level (Below Land Surface)				Reporting Agency
					Top	Bottom	Date		Feet	Status	Method		
104 N15 E20 07BBAB1	391110119470501	01/06/1975	510	150.			4800.	10/15/2003	100.48	S	S	NV003	
104 N15 E20 08BBBB2	391110119460601	02/01/2002	510	98.	88.	98.	4724.	11/18/2003	27.05		S	USGS	
								11/18/2003	27.03		S	USGS	
								05/24/2004	30.5		T	USGS	
								08/02/2004	37.2		T	USGS	
								09/15/2004	38.2		T	USGS	
104 N15 E20 08BBBB3	391110119460602	02/02/2002	510	20.	10.	20.	4724.	11/18/2003	6.27		S	USGS	
								11/18/2003	6.28		S	USGS	
								12/18/2003	6.2		T	USGS	
								01/06/2004	5.8		T	USGS	
								01/13/2004	5.8		S	USGS	
								01/20/2004	5.8		T	USGS	
								02/06/2004	5.7		T	USGS	
								03/18/2004	5.4		T	USGS	
								05/24/2004	5.5		T	USGS	
								06/09/2004	5.5		T	USGS	
								08/02/2004	6.1		T	USGS	
								09/07/2004	6.3		T	USGS	
104 N15 E20 15BABB1	391016119433901	04/03/2002	510	39.	29.	39.	4640.	05/24/2004	22.2		T	USGS	
104 N15 E20 16BDBB1	391004119444901	01/06/1975	510	105.	82.	102.	4641.	10/15/2003	16.28		S	NV003	
104 N15 E20 17CBBA1	390954119460401	04/23/1961	510	102.	82.	102.	4680.	10/15/2003	8.15		S	NV003	
104 N15 E20 18BDDA1	390958119464301	01/06/1975	510	102.	82.	102.	4739.	10/15/2003	1.98		S	NV003	
104 N15 E20 19DDCB1	390839119462701	06/09/1996	510	149.	134.	144.	4758.1	05/24/2004	95.3		T	USGS	
104 N15 E20 28BCCC1	390810119450101	04/11/2002	510	54.	44.	54.	4692.	05/24/2004	45.2		T	USGS	
104 N15 E20 29AAAB1	390834119450701	04/02/2002	510	28.	18.	28.	4678.	05/24/2004	27.9		T	USGS	
104 N15 E20 29CADD1	390758119453701	03/12/2002	510	47.	37.	47.	4721.	05/24/2004	41.8		T	USGS	
104 N15 E20 29DAAB1	390807119450901	01/06/1975	510	105.	80.	100.	4698.	10/16/2003	58.14		S	NV003	
104 N15 E20 32BDAA1	390728119453801	01/06/1975	510	105.	82.	102.	4720.	10/16/2003	47.25		S	NV003	
104 N15 E20 32DADA1	390708119450301	02/22/2002	510	140.	130.	140.	4734.	12/17/2003	54.1		T	USGS	
								01/06/2004	53.6		T	USGS	
								01/21/2004	53.4		T	USGS	
								02/06/2004	53.0		T	USGS	
								03/15/2004	52.6		T	USGS	
								05/24/2004	54.1		T	USGS	
								06/08/2004	54.8		T	USGS	
								08/02/2004	56.5		T	USGS	
								09/07/2004	57.1		T	USGS	
104 N16 E20 33ACCC3	391231119442903	05/30/1996	510	130.	115.	125.	4803.9	05/24/2004	106.9		T	USGS	
104 N16 E20 33CCDD1	391205119444901	01/06/1975	510	118.	94.	118.	4732.	10/15/2003	42.20		S	NV003	
118 N03 E36 02BCBB1	3808541117565601	05/23/1968	009	129.			4580.	03/12/2004	41.88	V	S	USGS	
125 N17 E34 36CCCA1	390234118070701	07/10/1962	001	288.			4388.	03/09/2004	256.68		S	USGS	
127 N17 E35 36ADAA1	391749117585101	02/01/1950	001	502.			5250.	03/11/2004	110.18		S	USGS	
128 N18 E34 28CCD 1	392323118095001	04/18/1976	001	475.	265.	405.	4100.	10/27/2003	211.18		S	USGS	
								12/17/2003	211.29		S	USGS	
								02/09/2004	211.24		S	USGS	
								03/09/2004	211.24		S	USGS	
								03/09/2004	211.24		S	USGS	
								04/13/2004	210.97		S	USGS	
								06/01/2004	211.00		S	USGS	
								07/12/2004	211.09		S	USGS	
								08/09/2004	211.18		S	USGS	
								09/22/2004	211.10		S	USGS	
129 N30 E35 27BBBB1	402640118015002	09/11/1963	027	208.			4245.	03/25/2004	33.33		S	USGS	
133 N19 E37 28BCC 1	392903117495001	03/16/1974	001	183.			5360.	03/11/2004	151.42		S	USGS	
149 N05 E48 10 1	381814116350101	06/16/2004	023	1659.			6202.	06/16/2004		D		USGS	
153 N20 E53 10DDD 1	393613115585101	04/01/1964	011	200.	100.	200.	5956.	03/15/2004	168.10		S	NV003	
153 N21HE52 35ADD 1	394342114385402	02/09/1987	011	160.			5883.	04/13/2004	91.24		S	USGS	
153 N22 E54 27CABB1	394520115524001	08/11/1949	011	94.			5866.	04/13/2004	79.41		S	USGS	
153 N23 E53 27BB 1	395100115593001	09/16/1964	011	22.	20.	22.	5820.	04/13/2004	14.88		S	USGS	
153 N23 E53 29DC 1	395020116030001	09/16/1964	011	22.	20.	22.	5821.	04/13/2004	16.00		S	USGS	
153 N23 E54 18DB 1	395220115561001	09/16/1964	011	32.	30.	32.	5800.	04/13/2004	17.53		S	USGS	
154 N18 E55 31CABC1	392300115493001	12/21/1946	033	56.			5940.	03/30/2004		D		USGS	

PERIODIC GROUND-WATER LEVELS--Continued

Local Well No	Site Identification	First Available Water Level	County Code	Well Depth	Perforated Interval (feet)			Elevation (Feet Above Sea Level)	Water Level (Below Land Surface)			
					Top	Bottom	Date		Feet	Status	Method	Reporting Agency
155C N08 E53 33 2	383023116012201	08/15/2002	023	6445.	4420.	4433.	5797.	12/10/2003	488.9		V	USGS
								06/16/2004	489.2		V	USGS
156 N08 E51 01 1	383510116112900	07/02/2003	023	6514.	406.	4747.	5768.	12/10/2003	327.5		V	USGS
								06/16/2004	327.6		V	USGS
159 S10 E54 19 3	370321115594203	06/22/1962	023	2610.	0.	2620.	4172.	11/18/2003	1772.3		V	USGS
								03/02/2004	1772.9		V	USGS
162 S12 E54 10AAC 1	360836115531701	10/13/1944	003	482.	100.	450.	2885.	11/14/2003	70.0		T	NV003
								01/09/2004	68.7		T	NV003
								02/12/2004	68.8		T	NV003
								03/18/2004	68.9		T	NV003
								04/02/2004	68.7		T	NV003
								05/18/2004	70.3		T	NV003
								06/28/2004	70.7		T	NV003
								07/20/2004	71.5		T	NV003
176 N32 E60 29CCBA1	403639115133001	06/10/1949	007	202.			6000.	03/23/2004	5.34		S	USGS
176 N32 E60 29CDDA2	403730115134002	08/15/1960	007	15.			6000.	03/23/2004	7.38		S	USGS
178B N22 E60 26DABB1	394507115102501	06/26/1950	033	129.			6240.	04/01/2004	65.24		S	USGS
								04/12/2004	65.24		S	USGS
179 N15 E64 07ACCB1	391100114492001	04/01/1948	033	200.			6535.	04/01/2004	38.15		S	USGS
179 N16 E64 06CBDC1	391634114484901	06/10/1951	033	306.	270.	306.	6407.	04/13/2004	273.71		S	USGS
189B N43 E66 25D1	413444114261701	07/20/1950	007	28.			5250.	03/23/2004	12.16		S	USGS
207 N11 E61 35ACCD1	384640115045001	09/18/1953	033	44.			5417.	04/13/2004	-0.63	R	S	USGS
207 N12 E62 18DDAA1	385400115024001	12/18/1947	033	105.			5575.	04/12/2004		O	S	USGS
212 S20 E60 02CCBB1	361410115142601	11/20/1994	003	697.	677.	687.	2312.	10/03/2003	277.46		S	USGS
								11/04/2003	261.86		S	USGS
								12/08/2003	248.49		S	USGS
								01/15/2004	238.22		S	USGS
								07/26/2004	252.11		S	USGS
212 S20 E60 02CCBB2	361410115142602	11/20/1994	003	467.	447.	457.	2312.	10/03/2003	271.54		S	USGS
								11/04/2003	260.58		S	USGS
								12/08/2003	249.47		S	USGS
								01/15/2004	238.65		S	USGS
								07/26/2004	240.91		S	USGS
212 S20 E60 02CCBB3	361410115142603	11/20/1994	003	320.	300.	310.	2312.	10/03/2003	232.90		S	USGS
								11/04/2003	229.03		S	USGS
								12/08/2003	221.93		S	USGS
								01/15/2004	213.46		S	USGS
								07/26/2004	209.61		S	USGS
212 S20 E61 04CDDD1	361346115095501	06/16/1965	003	300.	115.	270.	2107.	10/01/2003	94.4		T	USGS
								10/06/2003	94.2		T	NV003
								10/13/2003	94.2		T	NV003
								10/20/2003	94.1		T	NV003
								10/27/2003	93.9		T	NV003
								11/03/2003	93.6		T	NV003
								11/12/2003	93.2		T	NV003
								11/17/2003	93.0		T	NV003
								11/26/2003	92.5		T	NV003
								12/02/2003	92.3		T	NV003
								12/08/2003	92.0		T	NV003
								12/15/2003	91.91		S	NV003
								12/29/2003	91.0		T	NV003
								01/06/2004	90.7		T	NV003
								01/12/2004	91.1		T	NV003
								01/20/2004	90.6		T	NV003
								01/26/2004	90.4		T	NV003
								02/03/2004	90.0		T	NV003
								02/09/2004	90.1		T	NV003
								02/17/2004	89.8		T	NV003
								02/23/2004	89.46		S	NV003
								03/01/2004	89.3		T	NV003
								03/08/2004	89.4		T	NV003
								03/15/2004	89.1		T	NV003

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Local Well No	Site Identification	First Available Water Level	County Code	Well Depth	Perforated Interval (feet)			Elevation (Feet Above Sea Level)	Water Level (Below Land Surface)			
					Top	Bottom	Date		Feet	Status	Method	Reporting Agency
212 S20 E61 04CDDD1	361346115095501	06/16/1965	003	300.	115.	270.	2107.	03/22/2004	88.7	T		NV003
								03/30/2004	88.8	T		NV003
								04/05/2004	88.8	T		NV003
								04/12/2004	88.8	T		NV003
								04/20/2004	88.8	T		NV003
								04/28/2004	88.6	T		NV003
								05/04/2004	88.7	T		NV003
								05/10/2004	88.6	T		NV003
								05/17/2004	88.7	T		NV003
								05/24/2004	88.8	T		NV003
								06/01/2004	88.9	T		NV003
								06/14/2004	89.1	T		NV003
								06/22/2004	89.1	T		NV003
								06/28/2004	89.2	T		NV003
								07/06/2004	89.5	T		NV003
								07/12/2004	89.4	T		NV003
								07/19/2004	89.4	T		NV003
								07/26/2004	89.5	T		NV003
								08/02/2004	89.5	T		NV003
								212 S20 E61 20CC 2	361124115105801	04/23/1953	003	210.
08/23/2004	89.1	T		NV003								
08/31/2004	88.7	T		NV003								
09/07/2004	88.3	T		NV003								
09/13/2004	88.0	T		NV003								
09/21/2004	87.9	T		NV003								
09/27/2004	87.7	T		NV003								
10/01/2003	31.6	T		NV003								
10/06/2003	31.6	T		NV003								
10/13/2003	30.7	T		NV003								
10/20/2003	30.5	T		NV003								
10/27/2003	29.8	T		NV003								
11/03/2003	29.3	T		NV003								
11/12/2003	28.6	T		NV003								
11/17/2003	28.2	T		NV003								
11/26/2003	27.6	T		NV003								
12/02/2003	27.2	T		NV003								
12/08/2003	26.8	T		NV003								
12/15/2003	26.45	S		NV003								
12/29/2003	25.6	T		NV003								
01/06/2004	25.1	T		NV003								
01/12/2004	24.8	T		NV003								
01/20/2004	24.3	T		NV003								
01/26/2004	24.0	T		NV003								
02/03/2004	23.7	T		NV003								
02/09/2004	23.6	T		NV003								
02/17/2004	23.5	T		NV003								
02/23/2004	23.12	S		NV003								
03/01/2004	22.6	T		NV003								
03/08/2004	22.2	T		NV003								
03/15/2004	22.0	T		NV003								
03/22/2004	21.9	T		NV003								
03/30/2004	22.0	T		NV003								
04/05/2004	21.9	T		NV003								
04/12/2004	21.7	T		NV003								
04/20/2004	21.6	T		NV003								
04/28/2004	21.5	T		NV003								
05/04/2004	21.7	T		NV003								
05/10/2004	21.6	T		NV003								
05/17/2004	21.7	T		NV003								
05/24/2004	21.7	T		NV003								
06/01/2004	21.7	T		NV003								
06/14/2004	22.3	T		NV003								

PERIODIC GROUND-WATER LEVELS--Continued

Local Well No	Site Identification	First Available Water Level	County Code	Well Depth	Perforated Interval (feet)			Elevation (Feet Above Sea Level)	Water Level (Below Land Surface)			
					Top	Bottom	Date		Feet	Status	Method	Reporting Agency
212 S20 E61 20CC 2	361124115105801	04/23/1953	003	210.	70.	210.	2115.	06/22/2004	22.9	T		NV003
								06/28/2004	23.4	T		NV003
								07/06/2004	24.0	T		NV003
								07/12/2004	24.5	T		NV003
								07/19/2004	25.0	T		NV003
								07/26/2004	25.6	T		NV003
								08/02/2004	26.1	T		NV003
								08/10/2004	23.98	S		NV003
								08/17/2004	27.0	T		NV003
								08/23/2004	27.3	T		NV003
								08/31/2004	27.7	T		NV003
								09/07/2004	28.2	T		NV003
								09/13/2004	28.4	T		NV003
								09/21/2004	28.8	T		NV003
212 S20 E62 07DAAC1	361324115045201	08/04/1962	003	315.	50.	315.	1873.	09/27/2004	29.0	T		NV003
								10/01/2003	77.8	T		NV003
								10/06/2003	77.4	T		NV003
								10/13/2003	77.5	T		NV003
								10/20/2003	77.4	T		NV003
								10/27/2003	77.3	T		NV003
								11/03/2003	77.1	T		NV003
								11/12/2003	77.4	T		NV003
								11/17/2003	77.1	T		NV003
								11/26/2003	76.9	T		NV003
								12/02/2003	77.2	T		NV003
								12/08/2003	77.2	T		NV003
								12/15/2003	77.37	S		NV003
								12/29/2003	76.8	T		NV003
								01/06/2004	76.4	T		NV003
								01/12/2004	77.0	T		NV003
								01/20/2004	76.9	T		NV003
								01/26/2004	77.0	T		NV003
								02/03/2004	76.3	T		NV003
								02/09/2004	76.5	T		NV003
								02/17/2004	76.80	S		NV003
								02/23/2004	76.50	S		NV003
								03/01/2004	76.29	S		NV003
								03/08/2004	76.45	S		NV003
								03/15/2004	76.40	S		NV003
								03/22/2004	76.43	S		NV003
								03/30/2004	77.22	S		NV003
								04/05/2004	78.69	S		NV003
								04/12/2004	78.00	S		NV003
								04/20/2004	76.57	S		NV003
								04/28/2004	78.26	S		NV003
								05/04/2004	76.10	S		NV003
								05/10/2004	77.03	S		NV003
								05/17/2004	75.89	S		NV003
05/24/2004	78.50	S		NV003								
06/01/2004	77.65	S		NV003								
06/14/2004	75.89	S		NV003								
06/22/2004	78.35	S		NV003								
06/28/2004	76.10	S		NV003								
07/06/2004	76.92	S		NV003								
07/12/2004	75.83	S		NV003								
07/19/2004	77.27	S		NV003								
07/26/2004	77.77	S		NV003								
08/02/2004	76.99	S		NV003								
08/10/2004	77.74	S		NV003								
08/17/2004	77.95	S		NV003								
08/23/2004	77.82	S		NV003								
08/31/2004	78.28	S		NV003								

PERIODIC GROUND-WATER LEVELS--Continued

Local Well No	Site Identification	First Available Water Level	County Code	Well Depth	Perforated Interval (feet)		Elevation (Feet Above Sea Level)	Water Level (Below Land Surface)				Reporting Agency
					Top	Bottom		Date	Feet	Status	Method	
212 S20 E62 07DAAC1	361324115045201	08/04/1962	003	315.	50.	315.	1873.	09/07/2004	78.49	S	NV003	
								09/13/2004	78.85	S	NV003	
								09/21/2004	79.08	S	NV003	
								09/27/2004	80.61	S	NV003	
212 S20 E62 21CAB 1	361131115031601	06/12/1956	003	357	80.		1782.	10/01/2003	43.72	S	NV003	
								10/06/2003	43.64	S	NV003	
								10/13/2003	43.77	S	NV003	
								10/20/2003	43.54	S	NV003	
								10/27/2003	43.32	S	NV003	
								11/03/2003	43.00	S	NV003	
								11/12/2003	42.63	S	NV003	
								11/17/2003	42.27	S	NV003	
								11/26/2003	41.93	S	NV003	
								12/02/2003	41.87	S	NV003	
								12/08/2003	41.68	S	NV003	
								12/15/2003	41.47	S	NV003	
								12/29/2003	41.1	S	NV003	
								01/06/2004	40.88	S	NV003	
								01/12/2004	40.8	S	NV003	
								01/20/2004	40.58	S	NV003	
								01/26/2004	40.58	S	NV003	
								02/03/2004	40.22	S	NV003	
								02/09/2004	40.45	S	NV003	
								02/17/2004	40.30	S	NV003	
								02/23/2004	39.98	S	NV003	
								03/01/2004	39.88	S	NV003	
								03/08/2004	40.04	S	NV003	
								03/15/2004	40.00	S	NV003	
								03/22/2004	40.29	S	NV003	
								03/30/2004	40.27	S	NV003	
								04/05/2004	40.04	S	NV003	
								04/12/2004	41.30	S	NV003	
								04/20/2004	41.45	S	NV003	
								04/28/2004	40.26	S	NV003	
								05/04/2004	40.61	S	NV003	
								05/10/2004	40.49	S	NV003	
05/17/2004	40.92	S	NV003									
05/24/2004	41.15	S	NV003									
06/01/2004	42.37	S	NV003									
06/14/2004	41.41	S	NV003									
06/22/2004	41.99	S	NV003									
06/28/2004	41.52	S	NV003									
07/06/2004	42.05	S	NV003									
07/12/2004	42.37	S	NV003									
07/19/2004	41.94	S	NV003									
07/26/2004	41.97	S	NV003									
08/02/2004	43.13	S	NV003									
08/10/2004	42.74	S	NV003									
08/17/2004	42.00	S	NV003									
08/23/2004	42.70	S	NV003									
08/31/2004	42.25	S	NV003									
09/07/2004	41.83	S	NV003									
09/13/2004	41.23	S	NV003									
09/21/2004	41.23	S	NV003									
09/27/2004	41.32	S	NV003									
212 S22 E58 01ADDA1	360354115261601	09/03/2004	003	100.	90.	100.	3533.43	09/03/2004	39.	R	USGS	
212 S22 E58 01CDAD1	360332115254501	09/05/2004	003	101.	81.	101.	3485.17	09/05/2004	49.	R	USGS	
212 S22 E58 12AAAA1	360318115251001	09/04/2004	003	56.3	26.3	46.3	3431.74	09/04/2004	16.	R	USGS	

QUALITY OF SURFACE WATER

CARSON RIVER BASIN

Water-quality measurements in the following table were made as part of the Carson River Mercury Superfund Monitoring Study to determine loads into and out of Lahontan Reservoir. All mercury and methylmercury analyses were performed by USGS Mercury Research Laboratory in Middleton, Wisconsin using methods described in Olson and others (1997) and Olson and DeWild (1999). Quality-assurance samples are defined in the introductory text section titled "Water Quality-Control Data."

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Station Number	Station name	Date	Time	Sample type	Instantaneous discharge, cfs (00061)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)
10312020	CARSON RIVER NEAR SILVER SPRINGS, NV	10-23-03	1025	Environmental	3.8	660	9.0	99
		11-20-03	0920	Blank	--	--	--	--
		11-20-03	1030	Environmental	84	651	9.8	96
		12-29-03	0915	Blank	--	--	--	--
		12-29-03	1040	Environmental	152	645	11.7	99
		01-20-04	1030	Blank	--	--	--	--
		01-20-04	1115	Environmental	171	655	11.6	102
		02-23-04	0945	Blank	--	--	--	--
		02-23-04	1105	Environmental	231	647	9.8	96
		03-17-04	0950	Blank	--	--	--	--
		03-17-04	1110	Environmental	504	661	9.3	100
		03-24-04	1000	Blank	--	--	--	--
		03-24-04	1150	Environmental	793	651	8.8	98
		04-06-04	1120	Environmental	640	659	8.7	97
		04-21-04	1100	Blank	--	--	--	--
		04-21-04	1200	Environmental	302	650	9.3	99
		05-05-04	1130	Environmental	784	650	7.9	97
		06-16-04	0945	Environmental	203	655	7.0	89
		07-27-04	1045	Environmental	5.9	655	7.7	104
		08-24-04	1010	Blank	--	--	--	--
		08-24-04	1105	Environmental	3.3	655	9.4	121
		09-20-04	1045	Environmental	.92	655	9.5	104
		10312150	CARSON RIVER BELOW LAHONTAN RESERVOIR NEAR FALLON, NV	10-22-03	0955	Blank	--	--
10-22-03	1100			Environmental	446	662	7.1	83
04-07-04	1000			Blank	--	--	--	--
04-07-04	1145			Environmental	710	665	9.3	96
05-04-04	1015			Blank	--	--	--	--
05-04-04	1130			Environmental	856	655	9.0	99
06-15-04	1005			Blank	--	--	--	--
06-15-04	1115			Environmental	386	660	8.2	98
07-26-04	1020			Blank	--	--	--	--
07-26-04	1115			Environmental	508	660	5.8	75
07-26-04	1120			Replicate	508	660	5.8	75
08-23-04	1115			Environmental	464	655	7.0	92
09-22-04	1000			Blank	--	--	--	--
09-22-04	1105			Environmental	522	663	8.0	94
09-22-04	1110			Replicate	522	663	8.0	94

QUALITY OF SURFACE WATER
CARSON RIVER BASIN--Continued
WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	pH, water, unfltrd field, std units (00400)	Specif. conduc- tance, wat unfl uS/cm 25 degC (00095)	Temper- ature, air, deg C (00020)	Temper- ature, water, deg C (00010)	Mercury water fltrd, ng/L (50287)	Mercury water unfltrd ng/L (50286)	Methyl- mercury water fltrd, ng/L (50285)	Methyl- mercury water unfltrd ng/L (50284)	Suspnd. sedi- ment, sieve diametr percent <.063mm (70331)	Sus- pended sedi- ment concentra- tion mg/L (80154)	Sus- pended sedi- ment dis- charge, tons/d (80155)
10-23-03	7.7	579	20.5	13.0	23.8	82.3	1.16	1.71	88	2	.02
11-20-03	--	--	--	--	.18	--	<.04	--	--	--	--
11-20-03	8.1	452	16.0	7.5	22.2	263	.71	1.34	44	14	3.2
12-29-03	--	--	--	--	.37	--	<.04	--	--	--	--
12-29-03	7.9	352	9.0	1.5	21.3	513	.67	1.10	60	21	8.6
01-20-04	--	--	--	--	.51	--	<.04	--	--	--	--
01-20-04	8.0	377	3.0	3.5	15.8	260	.51	.96	28	17	7.8
02-23-04	--	--	--	--	5.12	--	<.04	--	--	--	--
02-23-04	8.1	305	6.5	7.3	18.2	634	.76	1.16	52	26	16
03-17-04	--	--	--	--	1.13	--	<.04	--	--	--	--
03-17-04	8.1	205	21.0	12.2	17.1	3,030	1.01	2.40	82	119	162
03-24-04	--	--	--	--	1.36	--	.06	--	--	--	--
03-24-04	8.0	144	20.0	13.0	24.0	3,120	1.06	4.61	76	192	411
04-06-04	8.1	180	14.5	13.8	25.4	2,190	1.79	5.07	69	106	183
04-21-04	--	--	--	--	1.06	--	<.04	--	--	--	--
04-21-04	7.9	257	13.5	11.0	27.2	447	1.18	1.87	16	100	82
05-05-04	7.9	141	26.5	17.3	27.5	3,190	1.41	5.41	72	235	497
06-16-04	8.0	307	22.0	19.5	27.9	638	2.06	3.28	71	18	9.9
07-27-04	8.2	524	32.0	22.7	27.7	116	1.47	2.36	78	7	.11
08-24-04	--	--	--	--	.28	--	<.04	--	--	--	--
08-24-04	8.3	531	24.0	20.2	32.5	98.8	2.22	3.11	55	6	.05
09-20-04	8.0	540	13.0	12.5	25.3	70.1	1.68	2.20	59	2	.00
10-22-03	--	--	--	--	1.23	--	<.04	--	--	--	--
10-22-03	7.5	268	19.0	16.0	5.90	440	.08	.21	98	39	47
04-07-04	--	--	--	--	1.05	--	<.04	--	--	--	--
04-07-04	8.1	266	18.0	10.6	6.85	209	.06	.24	68	23	44
05-04-04	--	--	--	--	.90	--	<.04	--	--	--	--
05-04-04	8.1	270	27.0	12.5	4.70	113	.07	.15	88	18	42
06-15-04	--	--	--	--	3.65	--	<.04	--	--	--	--
06-15-04	8.2	260	24.0	17.0	6.84	136	.09	.22	98	20	21
07-26-04	--	--	--	--	1.75	--	<.04	--	--	--	--
07-26-04	8.2	267	30.5	20.5	5.48	222	.10	.25	95	35	48
07-26-04	8.2	267	30.5	20.5	5.24	228	.12	.24	--	--	--
08-23-04	8.1	267	20.5	21.2	6.77	130	.09	.26	95	23	29
09-22-04	--	--	--	--	1.19	--	<.04	--	--	--	--
09-22-04	8.3	263	15.0	16.5	5.30	203	.06	.16	98	32	45
09-22-04	8.3	263	15.0	16.5	4.63	197	.08	.17	--	--	--

Remark codes used in this table:
< -- Less than

QUALITY OF SURFACE WATER
CLEAR CREEK MONITORING PROJECT

Chemical analyses of water samples collected in the Clear Creek watershed are listed in the following table. Water samples were collected at four sites to characterize water quality in the basin. The project is in cooperation with the Nevada Department of Transportation and is being done to collect background data to evaluate the effectiveness of future erosion control efforts proposed in the basin.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Station number	Station name	Date	Time	Sample type	Instantaneous discharge, cfs (00061)	Specific conductance, wat unf uS/cm 25 degC (00095)
10310485	CLEAR CK ABV HWY 50 NR SPOONER SUMMIT, NV	03-19-04	0800	Environmental	.20	128
		03-23-04	1300	Environmental	.14	99
		04-30-04	1400	Environmental	.21	126
		08-13-04	1030	Environmental	.34	96
		08-13-04	1030	Replicate	--	--
		08-25-04	1000	Environmental	.34	93
10310490	CLEAR CREEK AT CLEAR CREEK RANCH NR CARSON CITY, NV	09-07-04	1030	Environmental	.33	97
		12-18-03	1300	Environmental	2.6	--
		03-23-04	1430	Environmental	4.6	252
		04-26-04	1110	Environmental	3.0	174
		04-30-04	1030	Replicate	--	--
		04-30-04	1030	Environmental	3.0	161
		05-07-04	1100	Environmental	2.7	148
		08-26-04	1000	Environmental	1.6	157
		08-26-04	1000	Replicate	--	--
		10310500	CLEAR CREEK NEAR CARSON CITY, NV	10-06-03	1403	Environmental
11-07-03	0957			Environmental	3.0	130
12-29-03	0915			Environmental	4.3	100
12-30-03	1330			Environmental	4.1	116
02-11-04	1430			Environmental	4.4	96
02-25-04	1400			Replicate	6.0	--
02-25-04	1415			Environmental	6.0	183
03-17-04	1437			Environmental	6.6	152
03-19-04	1030			Environmental	6.1	242
04-30-04	1200			Environmental	3.5	163
05-07-04	1042			Environmental	3.9	--
05-28-04	1020			Environmental	4.3	169
05-28-04	1020			Replicate	--	--
06-07-04	1040			Environmental	2.5	116
07-29-04	1249			Environmental	1.6	170
10310518	CLEAR CK AT FUJI PK AT CARSON CITY, NV			09-02-04	1230	Environmental
		02-03-04	1230	Environmental	4.2	172
		02-25-04	1515	Environmental	7.3	174
		02-25-04	1515	Replicate	--	--
		03-19-04	0930	Environmental	7.2	244
		03-19-04	0930	Replicate	--	--
		04-30-04	1300	Environmental	4.0	168
		05-28-04	0850	Environmental	2.8	156
		05-28-04	0850	Replicate	2.8	--
		09-07-04	1200	Blank	--	--
		09-07-04	1300	Environmental	.46	172
		09-07-04	1310	Replicate	--	--

QUALITY OF SURFACE WATER
CLEAR CREEK MONITORING PROJECT—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	ANC, wat unfiltered end pt, lab, mg/L as CaCO3 (90410)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia + org-N, water, unfltrd mg/L as N (00625)
03-19-04	12.5	2.0	--	--	--	--	--	--	--	--	--	--	--
03-23-04	17.5	3.0	--	--	--	--	--	--	--	--	--	--	--
04-30-04	12.5	4.5	--	--	--	--	--	--	--	--	--	--	--
08-13-04	22.0	11.5	--	--	--	--	--	--	--	--	--	--	--
08-13-04	--	--	--	--	--	--	--	--	--	--	--	--	--
08-25-04	15.0	10.0	--	--	--	--	--	--	--	--	--	--	--
09-07-04	23.5	9.0	10.3	2.23	1.51	5.98	50	.34	<.2	23.6	.3	E.06	.11
12-18-03	10.0	5.0	--	--	--	--	--	--	--	--	--	--	--
03-23-04	17.0	11.0	--	--	--	--	--	--	--	--	--	--	--
04-26-04	20.5	10.5	--	--	--	--	--	--	--	--	--	--	--
04-30-04	--	--	--	--	--	--	--	--	--	--	--	--	--
04-30-04	20.5	9.5	--	--	--	--	--	--	--	--	--	--	--
05-07-04	22.5	11.5	--	--	--	--	--	--	--	--	--	--	--
08-26-04	19.5	13.0	21.5	2.83	2.57	8.87	77	4.93	<.2	20.3	.5	E.07	.45
08-26-04	--	--	--	--	--	--	--	--	--	--	--	--	--
10-06-03	26.5	11.0	--	--	--	--	--	--	--	--	--	--	--
11-07-03	6.0	4.5	--	--	--	--	--	--	--	--	--	--	--
12-29-03	3.5	2.5	--	--	--	--	--	--	--	--	--	--	--
12-30-03	7.0	2.5	17.8	3.35	2.11	16.9	64	23.9	<.2	21.5	1.1	E.08	.17
02-11-04	7.0	.5	--	--	--	--	--	--	--	--	--	--	--
02-25-04	--	--	--	--	--	--	--	--	--	--	--	--	--
02-25-04	3.0	4.5	--	--	--	--	--	--	--	--	--	--	--
03-17-04	26.0	9.0	--	--	--	--	--	--	--	--	--	--	--
03-19-04	20.0	6.5	--	--	--	--	--	--	--	--	--	--	--
04-30-04	18.5	7.0	--	--	--	--	--	--	--	--	--	--	--
05-07-04	18.0	8.0	--	--	--	--	--	--	--	--	--	--	--
05-28-04	10.0	10.0	--	--	--	--	--	--	--	--	--	--	--
05-28-04	--	--	--	--	--	--	--	--	--	--	--	--	--
06-07-04	--	--	--	--	--	--	--	--	--	--	--	--	--
07-29-04	32.0	17.0	--	--	--	--	--	--	--	--	--	--	--
09-02-04	24.5	13.0	22.3	3.25	2.44	9.68	80	5.01	<.2	21.1	.8	E.07	.18
02-03-04	6.5	3.0	--	--	--	--	--	--	--	--	--	--	--
02-25-04	2.5	4.5	--	--	--	--	--	--	--	--	--	--	--
02-25-04	--	--	--	--	--	--	--	--	--	--	--	--	--
03-19-04	19.0	7.0	--	--	--	--	--	--	--	--	--	--	--
03-19-04	--	--	--	--	--	--	--	--	--	--	--	--	--
04-30-04	19.5	10.5	--	--	--	--	--	--	--	--	--	--	--
05-28-04	13.5	10.5	--	--	--	--	--	--	--	--	--	--	--
05-28-04	13.5	10.5	--	--	--	--	--	--	--	--	--	--	--
09-07-04	--	--	.02	<.008	<.16	<.10	<2	<.20	<.2	<.2	<.2	--	--
09-07-04	28.0	15.5	21.1	3.36	2.50	10.3	82	5.57	<.2	22.1	.4	E.09	.22
09-07-04	--	--	20.6	3.28	2.38	9.94	82	5.57	<.2	21.9	.4	--	--

QUALITY OF SURFACE WATER
CLEAR CREEK MONITORING PROJECT—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	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)	Ortho- phos- phate, water, fltrd, mg/L as P (00671)	Phos- phorus, water, fltrd, mg/L (00666)	Phos- phorus, water, unfltrd mg/L (00665)	Iron, water, fltrd, ug/L (01046)	Mangan- ese, water, fltrd, ug/L (01056)	Sus- pended sedi- ment concen- tration mg/L (80154)	Sus- pended sedi- ment dis- charge, tons/d (80155)	Bedload sedi- ment dis- charge, tons/d (80225)	Bedload sedi- ment, sieve diametr percent <.063mm (80226)	Bedload sedi- ment, sieve diametr percent <.125mm (80227)
03-19-04	--	--	--	--	--	--	--	--	4	.00	--	--	--
03-23-04	--	--	--	--	--	--	--	--	21	.01	--	--	--
04-30-04	--	--	--	--	--	--	--	--	2	.00	--	--	--
08-13-04	--	--	--	--	--	--	--	--	3	.00	--	--	--
08-13-04	--	--	--	--	--	--	--	--	3	--	--	--	--
08-25-04	--	--	--	--	--	--	--	--	3	.00	.03	.0	.0
09-07-04	E.007	<.016	<.002	.008	.012	.021	63	2.0	2	.00	--	--	--
12-18-03	--	--	--	--	--	--	--	--	--	--	--	--	--
03-23-04	--	--	--	--	--	--	--	--	29	.36	--	--	--
04-26-04	--	--	--	--	--	--	--	--	9	.07	--	--	--
04-30-04	--	--	--	--	--	--	--	--	20	--	--	--	--
04-30-04	--	--	--	--	--	--	--	--	10	.08	--	--	--
05-07-04	--	--	--	--	--	--	--	--	9	.07	--	--	--
08-26-04	E.005	<.016	<.002	E.005	.007	.102	64	29.9	--	--	.51	.0	4
08-26-04	--	--	--	--	--	--	--	--	33	--	--	--	--
10-06-03	--	--	--	--	--	--	--	--	56	.27	--	--	--
11-07-03	--	--	--	--	--	--	--	--	29	.24	--	--	--
12-29-03	--	--	--	--	--	--	--	--	30	.35	--	--	--
12-30-03	E.008	.023	E.001	.013	.015	.040	85	10.1	15	.17	--	--	--
02-11-04	--	--	--	--	--	--	--	--	19	.22	--	--	--
02-25-04	--	--	--	--	--	--	--	--	--	--	1.4	.0	3
02-25-04	--	--	--	--	--	--	--	--	104	1.7	2.2	.0	5
03-17-04	--	--	--	--	--	--	--	--	29	.52	--	--	--
03-19-04	--	--	--	--	--	--	--	--	30	.49	--	--	--
04-30-04	--	--	--	--	--	--	--	--	16	.15	--	--	--
05-07-04	--	--	--	--	--	--	--	--	15	.16	--	--	--
05-28-04	--	--	--	--	--	--	--	--	107	1.2	1.1	.0	2
05-28-04	--	--	--	--	--	--	--	--	107	--	--	--	--
06-07-04	--	--	--	--	--	--	--	--	28	.19	--	--	--
07-29-04	--	--	--	--	--	--	--	--	8	.03	--	--	--
09-02-04	<.010	E.008	E.001	.013	.017	.042	104	10.1	30	.11	.38	.0	2
02-03-04	--	--	--	--	--	--	--	--	4	.04	--	--	--
02-25-04	--	--	--	--	--	--	--	--	82	1.6	.49	.0	2
02-25-04	--	--	--	--	--	--	--	--	82	--	--	--	--
03-19-04	--	--	--	--	--	--	--	--	9	.18	--	--	--
03-19-04	--	--	--	--	--	--	--	--	9	--	--	--	--
04-30-04	--	--	--	--	--	--	--	--	6	.07	--	--	--
05-28-04	--	--	--	--	--	--	--	--	48	.36	.43	.0	1
05-28-04	--	--	--	--	--	--	--	--	48	.36	--	--	--
09-07-04	--	--	--	--	--	--	<6	<.8	--	--	--	--	--
09-07-04	E.009	E.012	E.001	.012	.014	.054	11	2.7	31	.04	.03	.0	.0
09-07-04	--	--	--	--	--	--	10	2.7	--	--	--	--	--

QUALITY OF SURFACE WATER
CLEAR CREEK MONITORING PROJECT—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Bedload sediment, sieve diameter percent <.25mm (80228)	Bedload sediment, sieve diameter percent <.5 mm (80229)	Bedload sediment, sieve diameter percent <1 mm (80230)	Bedload sediment, sieve diameter percent <2 mm (80231)	Bedload sediment, sieve diameter percent <4 mm (80232)	Bedload sediment, sieve diameter percent <8 mm (80233)	Bedload sediment, sieve diameter percent <16 mm (80234)	Bag mesh size, bedload sampler mm (30333)
03-19-04	--	--	--	--	--	--	--	--
03-23-04	--	--	--	--	--	--	--	--
04-30-04	--	--	--	--	--	--	--	--
08-13-04	--	--	--	--	--	--	--	--
08-13-04	--	--	--	--	--	--	--	--
08-25-04	1	2	3	2	2	.0	.0	.250
09-07-04	--	--	--	--	--	--	--	--
12-18-03	--	--	--	--	--	--	--	--
03-23-04	--	--	--	--	--	--	--	--
04-26-04	--	--	--	--	--	--	--	--
04-30-04	--	--	--	--	--	--	--	--
04-30-04	--	--	--	--	--	--	--	--
05-07-04	--	--	--	--	--	--	--	--
08-26-04	29	22	26	24	5	.0	.0	.250
08-26-04	--	--	--	--	--	--	--	--
10-06-03	--	--	--	--	--	--	--	--
11-07-03	--	--	--	--	--	--	--	--
12-29-03	--	--	--	--	--	--	--	--
12-30-03	--	--	--	--	--	--	--	--
02-11-04	--	--	--	--	--	--	--	--
02-25-04	34	49	37	18	3	.0	.0	.250
02-25-04	67	81	55	23	3	.0	.0	.250
03-17-04	--	--	--	--	--	--	--	--
03-19-04	--	--	--	--	--	--	--	--
04-30-04	--	--	--	--	--	--	--	--
05-07-04	--	--	--	--	--	--	--	--
05-28-04	26	59	43	10	.0	.0	.0	.250
05-28-04	--	--	--	--	--	--	--	--
06-07-04	--	--	--	--	--	--	--	--
07-29-04	--	--	--	--	--	--	--	--
09-02-04	14	31	29	14	1	.0	.0	.250
02-03-04	--	--	--	--	--	--	--	--
02-25-04	10	10	8	9	6	3	.0	.250
02-25-04	--	--	--	--	--	--	--	--
03-19-04	--	--	--	--	--	--	--	--
03-19-04	--	--	--	--	--	--	--	--
04-30-04	--	--	--	--	--	--	--	--
05-28-04	8	6	6	9	10	.0	.0	.250
05-28-04	--	--	--	--	--	--	--	--
09-07-04	--	--	--	--	--	--	--	--
09-07-04	1	1	1	3	2	.0	.0	.250
09-07-04	--	--	--	--	--	--	--	--

Remark codes used in this table:

- < -- Less than
- E -- Estimated value

MISCELLANEOUS PRECIPITATION SITES

DAYTON VALLEY

Precipitation data were collected in the Dayton Valley Hydrographic Area as part of a cooperative study with the Carson Water Subconservancy District. The purpose of the study is to refine existing maps showing the distribution of annual precipitation. .

Station Name and Number	Location and Drainage Area	Period	Precipitation (inches)
Basalite Knob 392037119312201	Lat 39°20'37", long 119°31'22", in SE ¹ / ₄ NW ¹ / ₄ sec. 16, T.17N., R.22E., Storey County, Hydrologic Unit 16050202, 8.0 mi northeast of Dayton, elevation 5,580 ft.	09/26/2003 to 09/28/2004	3.84
Brunswick Canyon 390726119371901	Lat 39°07'26", long 119°37'19", in NE ¹ / ₄ SE ¹ / ₄ sec.33, T.15N.,R.20E., Carson City, Hydrologic Unit 16050202, 8.2 mi southeast of Carson City, elevation 6,370 ft.	09/26/2003 to 09/28/2004	6.48
Brunswick Reservoir 391011119395201	Lat 39°10'11", long 119°39'52", in NW ¹ / ₄ NE ¹ / ₄ sec 18, T.15N., R.21E., Carson City, Hydrologic Unit 16050202, 5.4 mi east of Carson City, elevation 5,100 ft.	09/26/2003 to 09/28/2004	4.80
McClellan Peak 391532119420601	Lat 39°15'32", long 119°42'06", in NE ¹ / ₄ NW ¹ / ₄ sec 14, T.16N.,R.20E., Storey County, Hydrologic Unit 16050202, 3.2 mi northeast of Carson City, elevation 7,410 ft.	09/26/2003 to 10/01/2004	5.64
Churchill Butte 392024119173901	Lat 39°20'24", long 119°17'39", in SW ¹ / ₄ NE ¹ / ₄ sec 16, T.17N., R.24E., Lyon County, Hydrologic Unit 16050202, elevation 6, 030 ft.	09/26/2003 to 09/28/2004	2.70

GROUND-WATER LEVELS

DAYTON VALLEY

Water-level data were collected in the Dayton Valley Hydrographic Area as part of a cooperative study with the Carson Water Subconservancy District. The purpose of the study is to determine the hydrologic response to seasonal recharge and to continued development in the area.

Water Level Method: S, steel tape; T, electric tape.

Water Level Status: R, recently pumped; S, nearby pumping..

Local Well No	Site Identification	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface)			
				Date	(Feet)	Status	Method
103 N15 E20 01AACD1	391129119404801	256.	4898.	12/08/2003	213.4	T	
				02/25/2004	212.8	T	
				03/30/2004	212.6	T	
				05/05/2004	212.5	T	
				06/23/2004	212.6	T	
				07/20/2004	212.5	T	
				08/26/2004	212.6	T	
				09/21/2004	212.6	T	
				103 N16 E21 23CCBA1	391401119360101	416.	4626.6
12/08/2003	279.6	T					
01/26/2004	279.1	T					
02/24/2004	278.8	T					
03/30/2004	278.7	T					
05/05/2004	278.7	T					
06/23/2004	279.1	T					
07/20/2004	279.7	T					
08/26/2004	280.6	T					
103 N16 E21 24DDBC1	391354119343701	135.	4440.	10/21/2003	81.20	S	
				12/08/2003	80.39	S	
				01/29/2004	80.36	S	
				02/25/2004	80.40	S	
				03/30/2004	80.14	S	
				05/05/2004	80.15	S	
				06/23/2004	80.94	S	
				07/20/2004	81.44	S	
				08/26/2004	83.15	S	
				09/21/2004	84.78	S	
				103 N16 E21 24DDBC2	391358119340801	162.	4432.0
01/26/2004	121.4	T					
02/25/2004	119.1	T					
03/30/2004	118.8	T					
05/05/2004	122.3	T					
06/23/2004	131.9	T					
07/20/2004	132.5	T					
08/26/2004	130.8	T					
09/21/2004	132.0	T					
103 N16 E21 29BCCC1	391324119392501	222.	4835.	10/21/2003	65.1	T	
				12/08/2003	65.3	T	
				01/21/2004	65.4	T	
				02/25/2004	65.3	T	
				03/30/2004	65.4	T	
				05/05/2004	65.6	T	
				06/23/2004	65.8	T	
				07/20/2004	65.9	T	
				08/26/2004	66.1	T	
				09/21/2004	66.2	T	
				103 N16 E21 29DBAA2	391319119384101	75.	4750.
12/08/2003	26.4	T					
01/21/2004	26.2	T					
02/25/2004	26.0	T					
03/30/2004	25.9	T					
05/05/2004	26.0	T					
06/23/2004	26.3	T					
07/20/2004	26.5	T					
08/26/2004	26.8	T					
09/21/2004	27.0	T					

GROUND-WATER LEVELS

DAYTON VALLEY--Continued

Local Well No	Site Identification	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface)			
				Date	(Feet)	Status	Method
103 N16 E21 30CDBA1	391308119401201	113.	4952.	10/20/2003	53.6		T
				12/08/2003	53.8		T
				01/21/2004	53.9		T
				02/25/2004	54.0		T
				03/30/2004	53.8		T
				05/05/2004	53.8		T
				06/23/2004	54.1		T
				07/20/2004	54.3		T
				08/26/2004	55.6		T
				09/21/2004	54.7		T
103 N16 E22 09BCBC2	391608119313601	600.	4345.3	10/21/2003	59.92		S
				12/08/2003	58.77		S
				01/29/2004	58.10		S
				02/26/2004	57.80		S
				03/30/2004	57.80		S
				05/05/2004	57.82		S
				06/23/2004	58.86		S
				07/20/2004	59.66		S
				08/26/2004	60.15		S
				09/21/2004	60.30		S
103 N16 E22 18DDDD1	391429119325401	273.	4365.	10/21/2003	71.79		S
				12/08/2003	70.90		S
				01/29/2004	69.10		S
				02/25/2004	68.95		S
				03/30/2004	69.15		S
				05/05/2004	73.78	R	S
				06/23/2004	74.90	S	S
				07/20/2004	75.60		S
				08/26/2004	75.53		S
				09/21/2004	75.05	S	S
103 N17 E22 28BACA1	391853119311201	150.	4393.6	10/21/2003	108.7		T
				12/08/2003	108.4		T
				01/21/2004	108.1		T
				02/25/2004	107.9		T
				03/30/2004	107.8		T
				05/05/2004	108.0		T
				06/23/2004	108.4		T
				07/20/2004	108.6		T
				08/26/2004	108.9		T
				09/21/2004	108.9		T
103 N17 E22 30DBCD1	391824119331001	230.	4442.9	10/21/2003	155.7		T
				12/08/2003	155.3		T
				01/21/2004	154.9		T
				02/25/2004	154.6		T
				03/30/2004	154.5		T
				05/05/2004	154.7		T
				06/23/2004	155.2		T
				07/20/2004	155.6		T
				08/26/2004	156.0		T
				09/21/2004	156.0		T
103 N17 E22 32CADA1	391733119321001	101.	4346.5	10/21/2003	57.5		T
				12/08/2003	53.3		T
				01/21/2004	57.0		T
				02/25/2004	56.7		T
				03/29/2004	56.57		S
				03/30/2004	56.5		T
				05/05/2004	56.6		T
				06/23/2004	56.8		T
				07/20/2004	57.1		T
				08/26/2004	57.6		T
103 N17 E23 07DDDD1	392047119260501	386.	4324.0	10/21/2003	99.2		T
				03/29/2004	97.06		S
103 N17 E23 09CCDB1	392050119244701	82.	4270.83	10/21/2003	49.0		T
				03/29/2004	49.13		S
103 N17 E23 09DAAA1	392110119235001	84.	4281.70	10/21/2003	66.0		T
				03/29/2004	65.24		S

QUALITY OF SURFACE WATER

DOUGLAS COUNTY

Water-quality measurements in the following table were made in cooperation with the Carson Water Subconservancy District to establish background information in Douglas County to determine if changes in water quantity and quality occur.

Depths and Water Levels: Depths are referenced to land-surface datum (LSD). Quality-assurance samples are defined in the introductory text section titled "Water Quality-Control Data."

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Station number	Local identifier	Date	Time	Sample type	Depth of well, feet below LSD (72008)	Depth to water level, feet below LSD (72019)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)
385255119482301	N12 E19 23DDD 1	10-04-04	1445	Environmental	141.	--	8.5	109	16.0	16.2	5.37
		10-04-04	1505	Field Blank	141.	--	--	--	--	--	<.02
385300119405702	N12 E20 24DCDB2	03-10-04	1040	Environmental	180.	--	7.5	599	18.0	15.6	57.8
		09-20-04	1310	Environmental	180.	--	7.3	592	12.0	15.0	58.8
385321119405002	N12 E20 24ADCC2	09-22-04	1040	Environmental	145.	105.70	7.6	553	10.0	13.5	71.9
385326119490101	N12 E19 23BDDDB1	10-06-04	1005	Environmental	112.	--	6.9	83	13.0	15.0	--
385339119490501	N12 E19 23BACA1	10-06-04	1035	Environmental	--	--	6.2	134	15.0	11.7	--
385342119490201	N12 E19 23BAAC1	10-06-04	1120	Environmental	--	--	6.2	159	15.0	11.7	--
385343119491001	N12 E19 23BABB1	10-07-04	1310	Environmental	--	52.41	6.2	76	19.0	11.7	--
385352119455401	N12 E20 17CCDA1	09-30-04	1410	Environmental	91.	32.47	6.5	205	--	14.7	18.7
385353119491901	N12 E19 14CCAC2	10-06-04	1345	Environmental	--	--	6.2	76	16.5	11.4	--
385354119491601	N12 E19 14CCAC1	10-07-04	1355	Environmental	--	--	6.8	54	20.5	14.0	--
385405119492801	N12 E19 15DADA1	10-06-04	1250	Environmental	--	--	6.3	71	16.0	10.8	--
385423119494301	N12 E19 15ADBB2	10-06-04	1450	Environmental	--	--	6.5	84	16.9	12.5	--
385424119494401	N12 E19 15ADBB1	10-06-04	1415	Environmental	183.	--	6.8	79	16.5	11.4	--
385441119495501	N12 E19 10DCDB1	10-07-04	1205	Environmental	107.	40.00	6.0	125	16.5	12.1	--
385509119414801	N12 E20 11ADD 1	09-22-04	1320	Environmental	125.	--	7.5	385	20.0	14.7	49.3
385530119501501	N12 E19 03CDCB1	10-07-04	1050	Environmental	112.	40.09	6.4	117	14.0	--	--
385654119431801	N13 E20 34ACC 1	09-22-04	1150	Environmental	80.	--	7.3	524	24.0	14.7	56.8
385801119421501	N13 E20 26ABBB1	03-10-04	1140	Environmental	130.	--	7.5	282	18.0	15.4	30.9
		09-22-04	1500	Environmental	130.	--	7.3	307	22.0	15.7	30.7
390015119500101	N13 E19 10DBB 1	10-04-04	1220	Environmental	115.	--	7.2	222	15.5	13.5	27.7
390017119455901	N13 E20 08CBAB1	09-30-04	1540	Environmental	332.	--	7.9	162	--	16.2	10.9
390021119504301	N13 E19 09ADCA1	10-04-04	1315	Environmental	180.	--	7.0	266	16.0	12.5	38.5
390055119421901	N13 E20 02CDA1	03-08-04	1300	Environmental	176.	127.39	8.0	344	18.5	18.9	13.6
		09-30-04	1020	Environmental	176.	--	7.6	261	--	21.0	14.3
390106119424301	N13 E20 02CBB 1	09-30-04	1132	Environmental	176.	--	7.6	314	--	19.8	9.18
390208119433201	N14 E20 34BDBD1	03-08-04	1120	Environmental	100.	34.24	7.5	445	19.5	15.3	20.0
		09-23-04	1505	Environmental	100.	36.71	7.3	436	--	16.0	21.0
390230119480001	N14 E19 25BA 1	03-10-04	1300	Environmental	239.	--	7.1	601	18.0	18.2	33.3
		09-20-04	1040	Environmental	239.	--	7.0	667	8.0	14.6	48.0
390232119443201	N14 E20 28CDC 1	03-08-04	0930	Environmental	88.	--	7.4	659	19.0	15.1	53.7
		09-23-04	1350	Environmental	88.	--	7.4	667	24.0	16.9	54.6
390446119451401	N14 E20 17ADCA1	03-11-04	1043	Environmental	27.	8.15	6.6	4,080	18.0	13.7	265
		03-11-04	1100	Field Blank	27.	--	--	--	--	--	<.01
		09-23-04	1150	Environmental	27.	5.83	6.7	4,470	21.0	14.8	348
		09-23-04	1230	Field Blank	27.	--	--	--	--	--	<.01
390457119491301	N14 E19 14BBD 1	10-04-04	1055	Environmental	100.	--	8.4	120	--	15.1	13.6
390542119472001	N14 E19 12ADAB1	10-04-04	1005	Environmental	155.	--	7.5	246	12.5	15.7	23.2

QUALITY OF SURFACE WATER

DOUGLAS COUNTY—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	ANC, wat unfixed end pt, lab, mg/L as CaCO3 (90410)	Alkalinity, wat flt fxd end lab, mg/L as CaCO3 (29801)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Sulfate water, fltrd, mg/L (00945)	Residue on evap. at 180degC wat flt mg/L (70300)	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)	Ortho-phosphate, water, fltrd, mg/L as P (00671)	Iron, water, fltrd, ug/L (01046)
10-04-04	.164	.64	17.3	32	32	1.04	.8	17.1	81	<.010	.043	<.002	.014	11
10-04-04	<.008	<.16	<.20	<2	--	<.20	<.1	<.2	<10	<.010	<.016	<.002	<.006	<6
03-10-04	22.6	6.32	32.2	167	--	26.8	<.2	67.9	395	<.04	8.16	<.008	.04	15
09-20-04	23.5	6.50	33.7	163	162	25.1	<.2	70.5	393	<.04	8.21	<.008	.04	<6
09-22-04	11.9	2.50	25.5	176	175	18.4	<.2	62.8	361	<.010	3.80	<.002	.057	<6
10-06-04	--	--	--	--	--	.49	.3	3.4	66	<.04	.20	<.008	.03	--
10-06-04	--	--	--	--	--	5.70	E.1	5.9	113	<.04	6.08	<.008	E.01	--
10-06-04	--	--	--	--	--	7.84	E.1	6.1	115	<.04	6.44	<.008	E.01	--
10-07-04	--	--	--	--	--	2.68	.1	1.4	61	<.04	1.61	<.008	<.02	--
09-30-04	7.83	2.50	10.2	67	68	5.28	<.2	12.3	177	<.010	5.00	<.002	.097	7
10-06-04	--	--	--	--	--	.50	.2	2.3	70	<.04	.35	<.008	.02	--
10-07-04	--	--	--	--	--	.27	E.1	.8	62	<.04	.07	<.008	.04	--
10-06-04	--	--	--	--	--	.39	.1	3.6	66	<.04	.40	<.008	E.01	--
10-06-04	--	--	--	--	--	.58	.1	2.8	80	<.04	.70	<.008	.03	--
10-06-04	--	--	--	--	--	.28	.1	4.2	48	<.04	.20	<.008	.04	--
10-07-04	--	--	--	--	--	.79	.1	3.7	101	<.04	.94	<.008	.02	--
09-22-04	8.79	2.70	19.4	147	147	12.7	<.2	23.7	254	<.010	3.17	<.002	.064	<6
10-07-04	--	--	--	--	--	1.44	.8	3.6	91	<.04	1.23	<.008	.02	--
09-22-04	12.4	1.97	34.5	221	219	11.1	.2	22.7	315	<.010	1.74	<.002	.126	<6
03-10-04	8.50	3.04	24.3	125	125	6.07	<.2	26.7	228	<.010	1.04	<.002	.061	7
09-22-04	8.57	2.97	25.6	125	124	5.51	<.2	26.0	228	E.006	1.22	<.002	.061	<6
10-04-04	5.49	1.35	10.4	107	108	2.36	<.1	2.4	144	<.010	1.61	<.002	.075	16
09-30-04	.961	3.48	24.4	69	69	4.71	.7	16.4	169	.013	<.016	<.002	.026	18
10-04-04	5.02	2.73	14.9	139	140	1.41	.2	13.3	183	E.007	.230	E.001	.017	17
03-08-04	2.24	2.47	70.3	137	138	13.5	2.8	22.0	281	<.010	1.30	<.002	E.004	<6
09-30-04	2.31	2.56	59.1	138	138	13.6	2.7	22.8	285	<.010	1.22	<.002	E.003	9
09-30-04	2.94	4.39	57.1	117	117	9.30	1.4	35.1	292	<.010	1.57	<.002	.007	10
03-08-04	6.58	4.27	65.2	123	123	19.5	1.4	54.1	320	<.010	2.33	<.002	.033	E4
09-23-04	6.76	4.03	60.9	122	123	20.9	1.4	55.9	329	<.010	2.85	<.002	.031	<6
03-10-04	5.96	2.78	105	120	100	62.4	3.4	117	410	.059	.339	.002	.198	E4
09-20-04	8.54	4.20	104	162	161	61.2	2.5	97.7	448	.022	1.29	E.001	.098	8
03-08-04	7.61	5.06	77.8	194	199	25.8	1.6	69.2	450	E.006	5.93	<.002	.024	<6
09-23-04	7.76	4.76	73.2	202	202	28.0	1.6	70.2	464	<.010	6.93	<.002	.021	<6
03-11-04	7.52	7.01	831	177	177	230	6.7	1,760	3,340	E.138	<.016	.002	E.031	9,280
03-11-04	<.008	<.16	<.10	<2	--	<.20	<.2	<.2	<10	<.010	<.016	<.002	<.006	<6
09-23-04	29.6	8.88	810	191	194	237	6.9	1,860	3,500	.140	E.009	E.001	.075	5,350
09-23-04	<.008	E.09	<.10	<2	--	<.20	<.2	<.2	<10	<.010	<.016	<.002	<.006	<6
10-04-04	.063	.80	14.2	61	62	1.11	<.1	.9	93	<.010	1.25	E.001	E.004	<6
10-04-04	3.66	1.22	27.0	111	111	7.64	.3	7.8	188	<.010	2.01	E.001	.009	<6

Remark codes used in this table:
 < -- Less than
 E -- Estimated value

GROUND-WATER LEVELS

DOUGLAS COUNTY

Water Level Status--O, well obstructed; R, site had been pumped recently;

V, foreign substance was present on the surface of the water.

Water Level Method--S, steel tape; G, pressure gage; T, electric tape..

Local Well No	Site Identification	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface)			
				Date	(Feet)	Status	Method
105 N12 E20 04BAAA2	385620119453101	21.	4755.	03/31/2004	9.7		T
105 N12 E20 09BCAD1	385512119444801	450.	4769.	04/01/2004	30.0		T
105 N12 E20 13DDBB1	385413119405001	250.	5000.	03/02/2004	164.81	R	S
105 N12 E20 15DCAA1	385355119430701	143.	4886.	04/01/2004	102.8		T
105 N13 E19 09DAAB1	390016119504101	159.	4776.	04/02/2004	49.4		T
105 N13 E19 12BBAD1	390037119480701	400.	4667.	04/02/2004	-9.7		G
105 N13 E19 24CADD1	385821119475001	401.	4685.	04/02/2004	-9.5		G
105 N13 E19 33DADD1	385637119503701	80.	4765.	04/02/2004	25.9		T
105 N13 E20 14AADA1	385944119414501	301.	4890.	12/30/2003	113.50		S
				03/31/2004	113.79		S
				07/07/2004	114.82		S
				09/21/2004	114.96		S
105 N13 E20 23DDDA1	385815119413101	392.	4885.	12/30/2003		O	
105 N13 E21 19CBBA1	385834119395901	140.	4960.	03/30/2004	82.73		S
				07/07/2004	77.50		S
				09/21/2004	77.61		S
105 N13 E21 28CCBC1	385724119382301	95.	5160.	03/30/2004	67.63		S
105 N13 E21 32BDAD1	385657119385801	608.	5141.	12/30/2003	41.08		S
				03/30/2004	42.50		S
				03/30/2004	42.5		T
				07/07/2004	45.64		S
105 N13 E21 32BDAD1	385657119385801	608.	5141.	09/21/2004	46.96		S
105 N14 E19 15BBAB1	390501119502401	240.	5138.	04/02/2004	31.0		T
105 N14 E19 22ABAD1	390407119494601	44.	5051.	04/02/2004	15.22		S
105 N14 E20 33BCDA1	390208119444601	218.	4683.	12/30/2003	7.17	V	S
				04/02/2004	5.13	V	S

GROUND-WATER LEVELS

DRY VALLEY

Water-level data were collected in the Dry Valley area, north-central Nevada as part of a water-resources investigation in cooperation with Washoe County. The purposes of the study are to estimate natural ground-water discharge and characterize the quality of ground water in Dry Valley.

Water Level Method: R, reported; S, steel tape; T, electric tape.

Water Level Accuracy--1, water level accurate to the nearest tenth of a foot; 2, water level accurate to the nearest one-hundredth of a foot.

Local Well No	Site Identification	Well Depth (Feet)	Elevation Water Level (Below Land Surface)				
			(Feet)	Date	(Feet)	Method	Accuracy
024N017E01F01M	395740120012601	4370.	4370.	11/20/2003	16.84	S	2
				01/30/2004	16.78	S	2
024N018E06H01M	395832119595901	4544.	4544.	11/20/2003	113.40	T	1
				01/30/2004	114.23	T	1
024N018E07D01M	395748120004601	5382.3	5382.3	11/20/2003	7.28	T	1
				01/30/2004	7.12	T	1
024N018E07J01M	395734119595601	440.	4406.4	11/20/2003	11.70	S	2
				01/30/2004	11.56	T	1
				06/17/2004	12.02	T	1
095 N24 E18 07ADAB1	395747119595401	140.	4403.8	11/20/2003	3.91	T	1
				01/30/2004	3.57	T	1
				06/17/2004	3.83	T	1
095 N24 E18 07DAAB1	395737119595501	385.	4401.9	11/20/2003	10.69	T	1
				01/30/2004	10.39	T	1
				06/17/2004	10.8	T	1
095 N24 E18 07DAAC1	395734119595501	547.	4404.3	11/20/2003	17.19	T	1
				01/30/2004	16.69	T	1
				06/17/2004	16.15	T	1
095 N24 E18 07DAAC2	395734119595502	250.	4404.3	11/20/2003	11.92	T	1
				01/30/2004	11.57	T	1
				06/17/2004	11.2	T	1
095 N24 E18 07DAAC3	395734119595503	40.	4405.8	11/20/2003	7.15	T	1
				01/30/2004	6.75	T	1
				06/17/2004	7.30	T	1
095 N24 E18 08ACCC1	395739119591401	23.	4415.2	11/20/2003	7.94	T	1
				01/30/2004	7.40	T	1
095 N24 E18 08CBAA1	395736119593501	44.	4408.7	11/20/2003	3.82	T	1
				01/30/2004	3.28	T	1
095 N24 E18 08CBAA2	395735119593401	41.	4408.4	11/20/2003	3.55	T	1
				01/30/2004	3.11	T	1
095 N24 E18 08CCDC1	395716119593801	100.	4438.9	01/30/2004	35.40	S	2
095 N24 E18 09BCBD1	395743119582401	350.	4465.8	11/20/2003	37.63	T	1
				01/30/2004	37.79	T	1
095 N24 E18 09CABB1	395735119582401	35.	4453.1	11/20/2003	24.98	T	1
				01/30/2004	25.21	T	1
095 N24 E18 15BACC1	395657119571601	20.	4495.	11/20/2003	10.51	T	1
				01/30/2004	10.03	T	1
				06/17/2004	9.65	T	1
095 N24 E18 17DAAB2	395737119595502	150.	4401.9	11/20/2003	7.38	T	1
				01/30/2004	7.01	T	1
				06/17/2004	7.19	T	1

QUALITY OF SURFACE WATER
COLD CREEK MONITORING PROJECT

Chemical analyses of water samples collected in the vicinity of a storm-water detention basin are listed in the following table. Water samples were collected near the Cattleman's Detention Basin to characterize surface water in the vicinity. The project is in cooperation with El Dorado County Department of Transportation and is being done to determine effects from placing storm water in the detention basin on nutrient and sediment loads to nearby Cold Creek and Lake Tahoe.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Station number	Station name	Date	Time	Sample type	Flow rate, instantaneous gal/min (00059)	Barometric pressure, mm Hg (00025)
10336778	COLD CREEK AT PIONEER TRAIL NEAR SOUTH LAKE TAHOE, CA	04-27-04	1130	Environmental	.10	614
		04-27-04	1131	Other QA	--	--
		04-27-04	1132	Other QA	--	--
		07-29-04	1030	Environmental	--	611
103367786	COLD CREEK BELOW CATTLEMANS DETENTION BASIN NEAR SOUTH LAKE TAHOE, CA	05-03-04	0930	Environmental	--	614
		05-03-04	0931	Other QA	--	--
		05-03-04	1030	Environmental	--	614
		05-03-04	1032	Other QA	--	--
		07-29-04	0930	Environmental	--	611
		07-29-04	0945	Environmental	--	--
		38543119574201	COLD CREEK STORM SAMPLER 1 30-INCH CULVERT	12-08-03	1000	Environmental
12-08-03	1001			Other QA	--	--
12-08-03	1002			Other QA	--	--
01-12-04	1200			Environmental	--	--
01-12-04	1201			Other QA	--	--
03-08-04	1100			Environmental	--	--
03-08-04	1101			Other QA	--	--
03-10-04	0930			Environmental	--	--
03-10-04	0931			Other QA	--	--
03-10-04	0932			Other QA	--	--
03-12-04	0900			Environmental	--	--
03-12-04	0902			Other QA	--	--
03-17-04	1200			Environmental	--	--
03-17-04	1201			Other QA	--	--
03-19-04	0900			Environmental	--	--
03-19-04	0902			Other QA	--	--
03-22-04	1130			Environmental	--	--
03-22-04	1132			Other QA	--	--
03-25-04	1600			Environmental	--	--
03-25-04	1601			Other QA	--	--
03-28-04	1700			Environmental	--	--
03-28-04	1702			Other QA	--	--
06-29-04	1600			Environmental	--	--
06-29-04	1601	Other QA	--	--		
06-30-04	1600	Environmental	--	--		
385432119574402	COLD CREEK SAMPLER SITE 2 18-INCH CULVERT	06-30-04	1601	Other QA	--	--
		03-08-04	1045	Environmental	--	--
		03-08-04	1046	Other QA	--	--
		03-08-04	1047	Other QA	--	--
		03-10-04	0900	Environmental	--	--
		03-22-04	1100	Environmental	--	--
		06-29-04	1630	Environmental	--	--
385433119574407	COLD CREEK STORM SAMPLER 3-OUTLET WEIR DETENTION BASIN	06-29-04	1631	Other QA	--	--
		06-29-04	1632	Other QA	--	--
		12-08-03	1030	Environmental	--	--
		12-08-03	1031	Other QA	--	--
		12-08-03	1032	Other QA	--	--
385433119574801	PRECIPITATION SITE FOR COLD CREEK PROJECT	03-19-04	1000	Environmental	--	--
		03-22-04	1000	Environmental	--	--
		03-22-04	1001	Other QA	--	--
		12-08-03	1100	Environmental	--	--
		12-08-03	1102	Other QA	--	--
		12-12-03	1000	Environmental	--	--
		12-12-03	1001	Other QA	--	--
		12-15-03	1030	Environmental	--	--
		12-15-03	1031	Other QA	--	--
		12-15-03	1032	Other QA	--	--
		01-05-04	0900	Environmental	--	--
		01-05-04	0902	Other QA	--	--
03-27-04	1300	Environmental	--	--		
03-27-04	1302	Other QA	--	--		

QUALITY OF SURFACE WATER
COLD CREEK MONITORING PROJECT—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Phosphorus, water, fltrd, mg/L (00666)	Phosphorus, water, unfltrd mg/L (00665)	Organic carbon, water, fltrd, mg/L (00681)	Iron (bio reactive), water, fltrd, ug/L (63673)	Iron (bio reactive), water, unfltrd ug/L (46568)	Iron, water, fltrd, ug/L (01046)	Manganese, water, fltrd, ug/L (01056)	Suspended sediment concentration mg/L (80154)
04-27-04	.013	--	--	111	--	134	7.0	--
04-27-04	--	--	--	118	--	--	--	--
04-27-04	--	--	--	--	--	--	--	--
07-29-04	.016	--	1.2	34	--	33	1.6	--
05-03-04	--	.032	21.3	--	460	138	5.1	--
05-03-04	--	--	--	--	--	--	--	--
05-03-04	--	.030	2.8	--	426	101	3.4	--
05-03-04	--	--	--	--	--	--	--	--
07-29-04	.018	--	1.7	69	--	69	2.6	--
07-29-04	--	--	1.8	--	--	--	--	--
12-08-03	--	.113	5.5	--	969	86	8.8	102
12-08-03	--	--	--	--	--	--	--	--
12-08-03	--	--	--	--	5,840	--	--	--
01-12-04	.021	--	18.1	50	--	20	27.1	232
01-12-04	.021	--	--	--	--	--	--	--
03-08-04	--	.138	6.5	--	1,720	20	11.3	65
03-08-04	--	--	--	--	--	--	--	--
03-10-04	--	.107	--	--	604	--	--	25
03-10-04	--	.109	--	--	--	--	--	--
03-10-04	--	--	--	--	--	--	--	--
03-12-04	--	.106	--	--	657	--	--	27
03-12-04	--	.245	--	--	--	--	--	--
03-17-04	--	.090	--	--	349	--	--	15
03-17-04	--	--	--	--	--	--	--	--
03-19-04	--	.068	--	--	296	--	--	12
03-19-04	--	--	--	--	--	--	--	--
03-22-04	--	.073	--	--	286	--	--	9
03-22-04	--	--	--	--	1,200	--	--	--
03-25-04	--	.076	--	--	257	--	--	8
03-25-04	--	--	--	--	--	--	--	--
03-28-04	--	.312	--	--	2,380	--	--	131
03-28-04	--	--	--	--	--	--	--	--
06-29-04	--	3.09	233	--	19,800	783	429	--
06-29-04	--	3.23	--	--	--	--	--	--
06-30-04	--	1.89	--	--	11,900	--	--	--
06-30-04	--	--	--	--	--	--	--	--
03-08-04	--	.342	3.5	--	3,710	26	9.0	174
03-08-04	--	--	--	--	--	--	--	--
03-08-04	--	--	--	--	--	--	--	--
03-10-04	--	.256	--	--	1,810	--	--	89
03-22-04	--	.072	--	--	754	--	--	4
06-29-04	--	1.27	--	--	3,110	--	--	--
06-29-04	--	--	--	--	--	--	--	--
06-29-04	--	1.85	--	--	--	--	--	--
12-08-03	--	.123	6.1	--	681	50	22.6	23
12-08-03	--	--	--	--	--	--	--	--
12-08-03	--	--	--	--	--	--	--	--
03-19-04	--	.100	3.5	--	12,100	40	8.2	23
03-22-04	--	.847	--	--	642	--	--	--
03-22-04	--	--	--	--	582	--	--	--
12-08-03	--	.026	--	--	94	--	--	--
12-08-03	--	--	--	--	--	--	--	--
12-12-03	--	.022	--	--	42	--	--	--
12-12-03	--	.023	--	--	--	--	--	--
12-15-03	--	.006	--	--	57	--	--	--
12-15-03	--	--	--	--	--	--	--	--
12-15-03	--	.036	--	--	--	--	--	--
01-05-04	--	.006	.7	--	49	14	2.9	--
01-05-04	--	--	--	--	--	--	--	--
03-27-04	--	.036	--	--	71	--	--	--
03-27-04	--	--	--	--	--	--	--	--

Remark codes used in this table:

- < -- Less than
- E -- Estimated value
- ND -- Not detected.

¹ Hydrazine method used to determine nitrate plus nitrite concentrations was found to have interferences caused by other common ions in water samples. Values may be adjusted in the future to correct for these interferences.

QUALITY OF GROUND WATER
COLD CREEK MONITORING PROJECT

Chemical analyses of water samples collected periodically from shallow wells drilled in the vicinity of a storm-water detention basin are listed in the following table. Water samples were collected prior to and after construction of the Cattleman's Detention Basin to characterize shallow ground water in the vicinity of the proposed detention basin. The project is in cooperation with El Dorado County Department of Transportation and is being done to determine effects from placing storm water in the detention basin on nutrient and sediment loads to nearby Cold Creek and Lake Tahoe.

Depths and Water Levels: Depths are referenced to land-surface datum (LSD).

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Station number	Station name	Date	Time	Sample type	Depth of well, feet below LSD (72008)	Depth to water level, feet below LSD (72019)
385432119574001	090 N12 E18 11BBAA2 COLD CREEK 01	10-29-03	0830	Environmental	5.55	--
		04-27-04	0930	Environmental	5.55	--
		07-29-04	1100	Environmental	5.55	--
385432119574002	090 N12 E18 11BBAA3 COLD CREEK 02	07-29-04	1101	Other QA	5.55	--
		10-29-03	0900	Environmental	6.75	--
		04-27-04	1030	Environmental	6.75	--
385432119574301	090 N12 E18 11BBAA4 COLD CREEK 03 SHALLOW	07-29-04	1130	Environmental	6.75	--
		07-29-04	1131	Other QA	6.75	--
		10-28-03	1200	Environmental	10.2	--
385432119574302	090 N12 E18 11BBAA5 COLD CREEK 03 DEEP	04-20-04	1130	Environmental	10.2	--
		07-20-04	1200	Environmental	10.2	--
		07-20-04	1201	Other QA	10.2	--
385432119574302	090 N12 E18 11BBAA5 COLD CREEK 03 DEEP	10-28-03	1300	Environmental	15.1	--
		10-28-03	1330	Blank	15.1	--
		10-28-03	1331	Other QA	15.1	--
385432119574303	090 N12 E18 11BBAB1 COLD CREEK 08 SHALLOW	04-20-04	1330	Environmental	15.1	--
		07-20-04	1030	Environmental	15.1	--
		07-20-04	1045	Environmental	15.1	--
385432119574303	090 N12 E18 11BBAB1 COLD CREEK 08 SHALLOW	10-22-03	1145	Environmental	9.2	--
		10-22-03	1146	Other QA	9.2	--
		04-22-04	1000	Environmental	9.2	--
385432119574304	090 N12 E18 11BBAB2 COLD CREEK 08 DEEP	07-12-04	1130	Environmental	9.2	--
		07-12-04	1131	Other QA	9.2	--
		10-22-03	1300	Environmental	14.95	--
385432119574304	090 N12 E18 11BBAB2 COLD CREEK 08 DEEP	10-22-03	1301	Other QA	14.95	--
		04-21-04	1330	Environmental	14.95	--
		07-12-04	1300	Environmental	14.95	--
385432119574305	090 N12 E18 11BBAA6 COLD CREEK 09	07-12-04	1302	Other QA	14.95	--
		07-22-04	1000	Environmental	14.95	--
		10-22-03	1045	Environmental	9.9	--
385432119574305	090 N12 E18 11BBAA6 COLD CREEK 09	04-20-04	0915	Blank	9.9	--
		04-20-04	1000	Environmental	9.9	--
		04-20-04	1001	Other QA	9.9	--
385432119574305	090 N12 E18 11BBAA6 COLD CREEK 09	07-12-04	1000	Environmental	9.9	--
		07-12-04	1001	Other QA	9.9	--
		07-21-04	1630	Environmental	5.	2.10
385432119574307	090 N12 E18 11BBAA9 COLD CREEK MP3B	07-22-04	1000	Environmental	9.	2.00
		10-28-03	1100	Environmental	10.2	--
		04-26-04	1000	Environmental	10.2	--
385432119574401	090 N12 E18 11BBAB3 COLD CREEK 15	04-26-04	1001	Other QA	10.2	--
		07-15-04	1330	Environmental	10.2	--
		07-15-04	1331	Other QA	10.2	--
385432119574501	090 N12 E18 11BBAB4 COLD CREEK 20	10-27-03	1000	Environmental	7.15	--
		10-27-03	1001	Other QA	7.15	--
		10-27-03	1002	Other QA	7.15	--
385432119574501	090 N12 E18 11BBAB4 COLD CREEK 20	04-23-04	1030	Environmental	7.15	--
		07-26-04	1400	Environmental	7.15	--
		07-26-04	1402	Other QA	7.15	--
385432119574601	090 N12 E18 11CCDC12 COLD CREEK 21	10-28-03	1000	Environmental	4.95	--
		10-28-03	1001	Other QA	4.95	--
		04-26-04	1100	Environmental	4.95	--
385432119574701	090 N12 E18 11BBAB5 COLD CREEK 24	07-15-04	1000	Environmental	4.95	--
		07-15-04	1001	Other QA	4.95	--
		10-27-03	0900	Environmental	5.5	--
385432119574701	090 N12 E18 11BBAB5 COLD CREEK 24	04-28-04	0900	Environmental	5.5	--
		07-26-04	1300	Environmental	5.5	--
		07-26-04	1301	Other QA	5.5	--
385433119574201	090 N12 E18 02CCDD1 COLD CREEK 04	07-26-04	1302	Other QA	5.5	--
		10-29-03	0930	Environmental	10.2	--

QUALITY OF GROUND WATER
COLD CREEK MONITORING PROJECT—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Flow rate, instantaneous gal/min (00059)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specific conductance, wat unfltrd uS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	Alkalinity, wat fltr inc tit field, mg/L as CaCO3 (39086)
10-29-03	.04	610	--	--	6.8	673	15.0	12.0	--	--	--	--	--
04-27-04	.05	614	--	--	5.8	188	19.0	8.0	--	--	--	--	--
07-29-04	--	611	--	--	5.5	31	--	--	--	--	--	--	--
07-29-04	--	--	--	--	--	--	--	--	--	--	--	--	--
10-29-03	.10	610	--	--	7.0	328	15.0	14.5	--	--	--	--	--
04-27-04	.10	614	--	--	5.7	248	19.0	8.0	--	--	--	--	--
07-29-04	--	611	--	--	5.0	166	--	--	--	--	--	--	--
07-29-04	--	--	--	--	--	--	--	--	--	--	--	--	--
10-28-03	.05	613	--	--	6.2	262	17.0	13.5	12.0	1.95	2.93	22.1	109
04-20-04	.10	609	--	--	5.9	314	--	4.5	17.3	2.68	2.57	18.7	105
04-20-04	--	--	--	--	--	--	--	--	--	--	--	--	--
07-20-04	.10	612	--	--	6.1	305	23.0	13.0	15.7	2.18	2.92	24.2	99
07-20-04	--	--	--	--	--	--	--	--	--	--	--	--	--
10-28-03	.10	613	.4	5	6.3	233	19.0	13.0	10.8	2.11	2.68	30.6	76
10-28-03	--	--	--	--	--	--	--	--	.09	E.007	<.16	<.10	--
10-28-03	--	--	--	--	--	--	--	--	--	--	--	--	--
04-20-04	.10	609	.5	5	6.0	402	7.0	5.2	12.0	2.65	2.67	56.9	52
07-20-04	>.10	612	--	--	5.8	373	23.0	16.0	16.6	2.86	2.91	53.3	68
07-20-04	--	--	--	--	--	--	--	--	17.1	2.96	2.95	55.7	--
10-22-03	.10	--	--	--	6.1	446	19.0	13.0	26.8	4.46	7.47	13.9	164
10-22-03	--	--	--	--	--	--	--	--	--	--	--	--	--
04-22-04	.10	610	--	--	6.0	475	.0	5.0	25.6	4.44	6.15	15.5	178
07-12-04	>.10	610	.6	7	6.1	480	24.5	15.2	24.6	3.93	6.58	13.3	160
07-12-04	--	--	--	--	--	--	--	--	--	--	--	--	--
10-22-03	.10	614	.5	6	6.3	161	21.0	10.5	9.62	1.53	1.74	14.1	60
10-22-03	--	--	--	--	--	--	--	--	--	--	--	--	--
04-21-04	.10	608	.8	8	6.1	138	5.5	9.1	8.39	1.31	1.30	10.4	56
07-12-04	.10	610	.3	4	6.1	150	24.0	18.0	8.43	1.31	1.30	10.9	55
07-12-04	--	--	--	--	--	--	--	--	--	--	--	--	--
07-22-04	--	--	--	--	--	--	--	--	--	--	--	--	--
10-22-03	.10	614	.5	6	6.3	178	--	10.0	6.84	1.19	2.29	25.3	69
04-20-04	--	--	--	--	--	--	--	--	.07	E.006	<.16	E.06	--
04-20-04	.10	609	.3	4	5.9	319	--	7.5	10.7	1.81	2.67	35.7	56
04-20-04	--	--	--	--	--	--	--	--	--	--	--	--	--
07-12-04	>.10	610	.7	10	5.7	300	24.0	20.0	8.99	1.55	2.44	34.7	76
07-12-04	--	--	--	--	--	--	--	--	--	--	--	--	--
07-21-04	.10	611	1.2	14	6.3	121	28.1	10.7	--	--	--	--	48
07-22-04	.10	611	1.1	12	6.4	116	23.5	10.7	--	--	--	--	52
10-28-03	.10	613	.4	4	6.2	198	17.0	11.8	5.26	.989	1.69	28.6	77
04-26-04	.10	615	.7	8	5.9	587	--	8.1	11.3	1.91	1.87	28.5	79
04-26-04	--	--	--	--	--	--	--	--	--	--	--	--	--
07-15-04	.10	613	.6	6	6.0	312	23.5	12.1	9.08	1.57	2.15	32.5	84
07-15-04	--	--	--	--	--	--	--	--	--	--	--	--	--
10-27-03	.10	615	--	--	6.0	333	14.0	14.0	--	--	--	--	--
10-27-03	--	--	--	--	--	--	--	--	--	--	--	--	--
10-27-03	--	--	--	--	--	--	--	--	--	--	--	--	--
04-23-04	.10	615	--	--	6.0	285	19.0	9.5	--	--	--	--	--
07-26-04	--	611	--	--	6.0	262	--	16.0	--	--	--	--	--
07-26-04	--	--	--	--	--	--	--	--	--	--	--	--	--
10-28-03	.10	613	.4	5	6.6	328	12.5	12.0	17.7	3.58	1.85	24.8	96
10-28-03	--	--	--	--	--	--	--	--	--	--	--	--	--
04-26-04	.10	615	.5	5	5.7	346	--	8.3	22.9	4.91	2.51	31.1	60
07-15-04	>.10	613	1.9	22	6.4	367	22.0	14.0	21.7	4.05	2.09	24.8	86
07-15-04	--	--	--	--	--	--	--	--	--	--	--	--	--
10-27-03	.10	615	--	--	5.6	259	13.0	10.0	--	--	--	--	--
04-28-04	--	615	--	--	4.8	142	9.5	7.0	--	--	--	--	--
07-26-04	.10	611	--	--	4.9	266	--	13.0	--	--	--	--	--
07-26-04	--	--	--	--	--	--	--	--	--	--	--	--	--
07-26-04	--	--	--	--	--	--	--	--	--	--	--	--	--
10-29-03	.10	610	--	--	6.9	91	14.0	13.5	--	--	--	--	--

QUALITY OF GROUND WATER
COLD CREEK MONITORING PROJECT—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Bicar- bonate, wat flt incrm. titr., field, mg/L (00453)	Bromide water, fltrd, mg/L (71870)	Chlor- ide, water, fltrd, mg/L (00940)	Fluor- ide, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Ortho- phos- phate, water, fltrd, mg/L as P (00671)	Phos- phorus, water, fltrd, mg/L (00666)	Organic carbon, water, fltrd, mg/L (00681)
10-29-03	--	--	--	--	--	--	--	.56	.232	.024	.069	.084	--
04-27-04	--	--	--	--	--	--	--	.76	.568	.017	.006	.087	--
07-29-04	--	--	--	--	--	--	--	.34	.267	.028	.133	.143	--
07-29-04	--	--	--	--	--	--	--	--	--	.030	--	--	--
10-29-03	--	--	--	--	--	--	--	.15	.007	.133	.015	.015	--
04-27-04	--	--	--	--	--	--	--	.17	.059	.158	.003	.009	--
07-29-04	--	--	--	--	--	--	--	.04	.012	.250	.008	.028	--
07-29-04	--	--	--	--	--	--	--	--	--	--	--	--	--
10-28-03	134	<.03	16.2	<.2	15.3	.3	164	3.2	2.41	.082	.128	.131	9.6
04-20-04	128	.08	29.1	<.2	13.5	4.2	192	2.7	2.37	.006	.005	.087	6.4
04-20-04	--	--	--	--	--	--	--	--	--	.007	--	--	--
07-20-04	121	<.08	30.1	<.2	14.5	.5	162	2.8	2.26	.019	.011	.100	7.6
07-20-04	--	--	--	--	--	--	--	2.7	--	--	--	--	--
10-28-03	93	.02	33.8	<.2	16.2	1.1	148	.48	.266	.041	.037	.044	3.5
10-28-03	--	<.02	<.20	<.2	E.02	<.2	<10	.06	.008	.004	.002	.001	V24.3
10-28-03	--	--	--	--	--	--	--	--	--	--	--	--	--
04-20-04	63	.04	83.7	<.2	12.5	5.7	216	.35	.154	.116	.010	.018	3.4
07-20-04	83	<.08	75.5	<.2	18.1	1.1	219	.41	.237	.040	.004	.020	3.3
07-20-04	--	.02	78.3	<.2	18.2	1.1	214	--	--	--	--	--	3.2
10-22-03	199	.30	46.6	<.2	23.7	E.1	251	16	14.7	.180	.198	.212	14.1
10-22-03	--	--	--	--	--	--	--	--	--	--	--	.211	--
04-22-04	217	.18	47.2	<.2	19.7	.2	294	13	11.0	.018	.006	.209	13.4
07-12-04	195	<.02	43.2	<.2	22.0	E.1	293	15	13.3	.039	.004	.223	12.2
07-12-04	--	--	--	--	--	--	--	--	--	--	--	--	--
10-22-03	73	.09	13.7	<.2	23.4	.4	101	.17	.158	.098	.055	.055	1.1
10-22-03	--	--	--	--	--	--	--	--	.158	--	--	--	--
04-21-04	69	.08	8.79	<.2	19.7	.7	92	.50	.070	.011	.006	.059	.9
07-12-04	67	<.02	10.3	<.2	21.0	1.1	96	.19	.075	.002	.006	.074	.7
07-12-04	--	--	--	--	--	--	--	--	--	.034	.015	.129	--
07-22-04	--	--	--	--	--	--	--	--	--	--	--	--	--
10-22-03	84	--	18.4	<.2	13.4	<.2	119	.54	.270	.045	.200	.204	6.2
04-20-04	--	<.02	E.11	<.2	E.02	<.2	<10	--	--	--	--	--	.6
04-20-04	68	.05	63.1	<.2	10.9	E.1	188	.56	.403	.007	.005	.146	3.8
04-20-04	--	--	--	--	--	--	--	--	--	.007	--	--	--
07-12-04	93	<.02	44.5	<.2	14.8	<.2	181	.37	.350	.011	.007	.184	3.1
07-12-04	--	--	--	--	--	--	--	--	--	--	--	--	--
07-21-04	59	--	--	--	--	--	--	.22	.110	.001	.001	.109	.9
07-22-04	63	--	--	--	--	--	--	.16	.072	.005	.004	.138	.7
10-28-03	94	.41	21.3	<.2	14.2	<.2	131	1.4	1.13	.051	.220	.246	7.7
04-26-04	96	.15	57.5	<.2	13.5	<.2	195	1.6	1.13	.005	.006	.162	3.9
04-26-04	--	--	--	--	--	--	--	--	--	--	--	.165	--
07-15-04	102	E.01	43.4	<.2	13.6	<.2	170	1.1	1.20	.003	.004	.193	4.1
07-15-04	--	--	--	--	--	--	--	--	--	--	.003	.195	--
10-27-03	--	--	--	--	--	--	--	1.1	.032	.097	.021	.023	--
10-27-03	--	--	--	--	--	--	--	--	--	--	.021	--	--
10-27-03	--	--	--	--	--	--	--	--	.075	.339	--	.076	--
04-23-04	--	--	--	--	--	--	--	.55	.049	.061	.049	.073	--
07-26-04	--	--	--	--	--	--	--	.31	.036	.027	.029	.035	--
07-26-04	--	--	--	--	--	--	--	--	.054	--	--	--	--
10-28-03	117	.06	48.1	<.2	27.4	.2	210	.76	.545	.113	.139	.145	4.5
10-28-03	--	--	--	--	--	--	--	.76	--	--	--	--	--
04-26-04	73	.03	68.1	<.2	22.0	.4	228	.71	.412	.025	.012	.018	6.1
07-15-04	105	E.02	58.9	<.2	26.3	.4	250	.68	.557	.002	.001	.069	4.4
07-15-04	--	--	--	--	--	--	--	--	.550	--	--	--	--
10-27-03	--	--	--	--	--	--	--	.23	.005	.014	.035	.036	--
04-28-04	--	--	--	--	--	--	--	.24	.008	.168	.006	.014	--
07-26-04	--	--	--	--	--	--	--	.21	.004	.033	.020	.025	--
07-26-04	--	--	--	--	--	--	--	--	.004	--	--	--	--
07-26-04	--	--	--	--	--	--	--	--	--	--	--	.053	--
10-29-03	--	--	--	--	--	--	--	.21	.066	.013	.062	.063	--

QUALITY OF GROUND WATER
COLD CREEK MONITORING PROJECT—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Iron (bio reactive), water, fltrd, ug/L (63673)	Iron, water, fltrd, ug/L (01046)	Mangan- ese, water, fltrd, ug/L (01056)
10-29-03	4,910	--	--
04-27-04	18,100	--	--
07-29-04	4,340	--	--
07-29-04	--	--	--
10-29-03	160	--	--
04-27-04	680	--	--
07-29-04	129	--	--
07-29-04	129	--	--
10-28-03	20,600	18,800	875
04-20-04	30,600	27,000	1,180
04-20-04	--	--	--
07-20-04	25,400	21,400	954
07-20-04	--	--	--
10-28-03	9,170	8,770	266
10-28-03	99	<6	<.8
10-28-03	297	--	--
04-20-04	1,450	1,230	111
07-20-04	6,370	6,890	210
07-20-04	--	7,000	208
10-22-03	47,400	45,900	790
10-22-03	--	--	--
04-22-04	63,600	53,700	1,090
07-12-04	E43,600	45,400	801
07-12-04	E37,800	--	--
10-22-03	13,100	11,900	240
10-22-03	--	--	--
04-21-04	12,600	11,100	213
07-12-04	9,790	10,000	187
07-12-04	14,100	--	--
07-22-04	--	--	--
10-22-03	14,700	13,300	229
04-20-04	--	14	<.8
04-20-04	20,900	18,700	299
04-20-04	--	--	--
07-12-04	E15,300	16,900	253
07-12-04	E13,300	--	--
07-21-04	9,690	--	--
07-22-04	10,600	--	--
10-28-03	13,900	13,900	209
04-26-04	30,300	27,500	398
04-26-04	30,300	--	--
07-15-04	18,800	21,900	302
07-15-04	--	--	--
10-27-03	5,750	--	--
10-27-03	--	--	--
10-27-03	--	--	--
04-23-04	9,820	--	--
07-26-04	7,230	--	--
07-26-04	--	--	--
10-28-03	28,300	27,700	306
10-28-03	--	--	--
04-26-04	2,170	1,770	246
07-15-04	E16,000	23,400	319
07-15-04	--	--	--
10-27-03	5,190	--	--
04-28-04	1,740	--	--
07-26-04	2,510	--	--
07-26-04	--	--	--
07-26-04	--	--	--
10-29-03	4,190	--	--

QUALITY OF GROUND WATER
COLD CREEK MONITORING PROJECT—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Station number	Station name	Date	Time	Sample type	Depth of well, feet below LSD (72008)	Depth to water level, feet below LSD (72019)
385433119574201	090 N12 E18 02CCDD1 COLD CREEK 04	10-29-03	0932	Other QA	10.2	--
		04-28-04	1330	Environmental	10.2	--
		07-26-04	0930	Environmental	10.2	--
385433119574202	090 N12 E18 02CCDD2 COLD CREEK 05	10-29-03	1130	Environmental	10.2	--
		04-28-04	1300	Environmental	10.2	--
		07-26-04	1000	Environmental	10.2	--
385433119574203	090 N12 E18 02CCDD5 COLD CREEK 07	07-26-04	1002	Other QA	10.2	--
		10-29-03	1100	Environmental	4.97	--
		10-29-03	1102	Other QA	4.97	--
385433119574301	090 N12 E18 02CCDD3 COLD CREEK 06 SHALLOW	04-28-04	1230	Environmental	4.97	--
		04-28-04	1231	Replicate	4.97	--
		07-26-04	1130	Environmental	4.97	--
385433119574302	090 N12 E18 02CCDD4 COLD CREEK 06 DEEP	07-26-04	1132	Other QA	4.97	--
		10-29-03	1000	Environmental	8.95	--
		04-28-04	1200	Environmental	8.95	--
385433119574303	090 N12 E18 02CCDD6 COLD CREEK 10	04-28-04	1202	Other QA	8.95	--
		07-26-04	1030	Environmental	8.95	--
		07-26-04	1032	Other QA	8.95	--
385433119574304	090 N12 E18 02CCDD8 COLD CREEK MP2B	10-29-03	1030	Environmental	15.	--
		04-28-04	1130	Environmental	15.	--
		04-28-04	1132	Other QA	15.	--
385433119574305	090 N12 E18 02CCDD9 COLD CREEK MP2D	07-26-04	1100	Environmental	15.	--
		10-23-03	1200	Environmental	10.2	--
		04-26-04	1330	Environmental	10.2	--
385433119574401	090 N12 E18 02CCDC2 COLD CREEK 13 SHALLOW	07-14-04	1200	Environmental	10.2	--
		07-21-04	1215	Environmental	4.	2.20
		07-21-04	1500	Environmental	9.	2.30
385433119574402	090 N12 E18 02CCDC3 COLD CREEK 13 DEEP	10-24-03	1000	Environmental	10.2	--
		04-21-04	1000	Environmental	10.2	--
		04-21-04	1001	Other QA	10.2	--
385433119574403	090 N12 E18 02CCDC4 COLD CREEK 14	07-15-04	1130	Environmental	10.2	--
		10-24-03	1100	Environmental	15.25	--
		10-24-03	1101	Other QA	15.25	--
385433119574404	090 N12 E18 02CCDC5 COLD CREEK 16	04-21-04	1100	Environmental	15.25	--
		04-21-04	1101	Other QA	15.25	--
		07-15-04	1230	Environmental	15.25	--
385433119574405	090 N12 E18 02CCDC6 COLD CREEK 17 SHALLOW	07-15-04	1231	Other QA	15.25	--
		10-24-03	1200	Environmental	5.48	--
		10-24-03	1201	Other QA	5.48	--
385433119574406	090 N12 E18 02CCDC7 COLD CREEK 17 DEEP	04-21-04	1230	Environmental	5.48	--
		04-21-04	1232	Other QA	5.48	--
		07-14-04	1300	Environmental	5.48	--
385433119574407	090 N12 E18 02CCDC8 COLD CREEK 18	10-29-03	1200	Environmental	7.15	--
		10-29-03	1201	Other QA	7.15	--
		10-29-03	1202	Other QA	7.15	--
385433119574408	090 N12 E18 02CCDC9 COLD CREEK 18	04-23-04	0900	Environmental	7.15	--
		07-28-04	0930	Environmental	7.15	--
		07-28-04	0931	Other QA	7.15	--
385433119574409	090 N12 E18 02CCDC10 COLD CREEK 19	07-20-04	1555	Environmental	5.	2.60
		07-20-04	1557	Other QA	5.	--
		07-21-04	1055	Environmental	8.	2.80
385433119574410	090 N12 E18 02CCDC11 COLD CREEK 20	10-27-03	1200	Environmental	6.66	--
		10-27-03	1202	Other QA	6.66	--
		04-23-04	0930	Environmental	6.66	--
385433119574411	090 N12 E18 02CCDC12 COLD CREEK 21	07-28-04	1015	Environmental	6.66	--
		10-27-03	1230	Environmental	10.65	--
		04-23-04	1000	Environmental	10.65	--
385433119574412	090 N12 E18 02CCDC13 COLD CREEK 22	04-23-04	1002	Other QA	10.65	--
		07-28-04	1100	Environmental	10.65	--
		10-27-03	1030	Environmental	5.08	--

QUALITY OF GROUND WATER
COLD CREEK MONITORING PROJECT—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Flow rate, instantaneous gal/min (00059)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unfltrd, uS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	Alkalinity, wat fltrd, inc tit field, mg/L as CaCO ₃ (39086)
10-29-03	--	--	--	--	--	--	--	--	--	--	--	--	--
04-28-04	.10	615	--	--	6.3	118	17.0	7.5	--	--	--	--	--
07-26-04	.10	611	--	--	6.6	108	--	9.0	--	--	--	--	--
10-29-03	.10	610	--	--	6.8	205	14.0	14.5	--	--	--	--	--
04-28-04	.10	615	--	--	6.1	254	17.0	7.0	--	--	--	--	--
07-26-04	.10	611	--	--	6.1	163	--	13.0	--	--	--	--	--
07-26-04	--	--	--	--	--	--	--	--	--	--	--	--	--
10-29-03	.10	610	--	--	7.2	91	14.0	14.0	--	--	--	--	--
10-29-03	--	--	--	--	--	--	--	--	--	--	--	--	--
04-28-04	.10	615	--	--	--	--	--	--	--	--	--	--	--
04-28-04	--	--	--	--	--	--	--	--	--	--	--	--	--
07-26-04	>.10	611	--	--	5.7	98	--	--	--	--	--	--	--
07-26-04	--	--	--	--	--	--	--	--	--	--	--	--	--
10-29-03	.10	610	--	--	7.0	215	14.0	15.0	--	--	--	--	--
04-28-04	.10	615	--	--	5.8	280	17.0	8.0	--	--	--	--	--
04-28-04	--	--	--	--	--	--	--	--	--	--	--	--	--
07-26-04	.10	611	--	--	5.9	263	--	12.5	--	--	--	--	--
07-26-04	--	--	--	--	--	--	--	--	--	--	--	--	--
10-29-03	.10	610	--	--	7.0	107	14.0	14.0	--	--	--	--	--
04-28-04	.10	615	--	--	6.0	121	17.0	8.0	--	--	--	--	--
04-28-04	--	--	--	--	--	--	--	--	--	--	--	--	--
07-26-04	--	611	--	--	6.0	108	--	10.5	--	--	--	--	--
10-23-03	.10	615	--	--	6.0	157	11.5	14.5	8.37	1.30	3.65	14.7	63
04-26-04	.10	615	--	--	5.8	169	19.0	10.0	5.24	.774	2.79	19.4	37
07-14-04	>.10	610	--	--	5.8	173	24.0	17.0	5.78	.905	2.76	16.9	46
07-21-04	.10	611	1.3	17	6.2	140	25.5	16.5	--	--	--	--	69
07-21-04	.10	611	1.2	15	6.1	150	27.5	14.0	--	--	--	--	56
10-24-03	.10	615	.7	7	6.1	189	5.0	8.7	9.98	1.54	1.91	18.1	70
04-21-04	.20	608	.5	5	6.0	180	6.0	5.8	9.42	1.50	1.51	14.1	75
04-21-04	--	--	--	--	--	--	--	--	--	--	--	--	--
07-15-04	>.10	613	.6	7	5.8	196	23.0	11.5	8.97	1.38	1.68	14.9	65
10-24-03	.10	615	.2	2	6.3	206	7.5	11.5	11.7	1.49	1.85	20.0	85
10-24-03	--	--	--	--	--	--	--	--	--	--	--	--	--
04-21-04	.10	608	.5	5	6.4	191	6.0	6.9	11.4	1.36	1.53	13.5	76
04-21-04	--	--	--	--	--	--	--	--	--	--	--	--	--
07-15-04	>.10	613	1.0	11	6.1	210	22.0	11.0	11.0	1.34	1.51	15.0	78
07-15-04	--	--	--	--	--	--	--	--	--	--	--	--	--
10-24-03	.10	615	2.1	25	5.9	222	11.0	13.0	12.0	1.83	3.13	21.6	84
10-24-03	--	--	--	--	--	--	--	--	--	--	--	--	--
04-21-04	.10	608	--	--	5.6	149	6.0	--	12.2	1.81	2.12	13.8	71
04-21-04	--	--	--	--	--	--	--	--	--	--	--	--	--
07-14-04	>.10	610	--	--	5.7	190	24.0	17.0	9.32	1.37	2.72	20.5	66
10-29-03	.10	610	--	--	6.8	304	13.0	15.0	--	--	--	--	--
10-29-03	--	--	--	--	--	--	--	--	--	--	--	--	--
10-29-03	--	--	--	--	--	--	--	--	--	--	--	--	--
04-23-04	.10	615	--	--	6.1	314	19.0	7.0	--	--	--	--	--
07-28-04	.10	611	--	--	5.9	318	--	14.0	--	--	--	--	--
07-28-04	--	--	--	--	--	--	--	--	--	--	--	--	--
07-20-04	.10	611	.2	3	6.0	260	27.0	13.8	--	--	--	--	90
07-20-04	--	--	--	--	--	--	--	--	--	--	--	--	--
07-21-04	.10	611	1.0	12	6.2	171	23.5	12.5	--	--	--	--	55
10-27-03	.10	615	--	--	6.1	348	--	14.5	--	--	--	--	--
10-27-03	--	--	--	--	--	--	--	--	--	--	--	--	--
04-23-04	.05	615	--	--	6.1	372	19.0	8.0	--	--	--	--	--
07-28-04	<.01	611	--	--	6.0	336	--	14.5	--	--	--	--	--
10-27-03	.10	615	--	--	--	207	14.0	14.0	--	--	--	--	--
04-23-04	.10	610	--	--	6.2	259	19.0	7.5	--	--	--	--	--
04-23-04	--	--	--	--	--	--	--	--	--	--	--	--	--
07-28-04	.10	611	--	--	6.0	230	--	11.0	--	--	--	--	--
10-27-03	.10	615	--	--	6.1	230	14.0	9.0	--	--	--	--	--

QUALITY OF GROUND WATER
COLD CREEK MONITORING PROJECT—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Bicar- bonate, wat flt incrm. titr., mg/L (00453)	Bromide water, fltrd, mg/L (71870)	Chlor- ide, water, fltrd, mg/L (00940)	Fluor- ide, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue on evap. at wat flt mg/L (70300)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Ortho- phos- phate, water, fltrd, mg/L as P (00671)	Phos- phorus, water, fltrd, mg/L (00666)	Organic carbon, water, fltrd, mg/L (00681)
10-29-03	--	--	--	--	--	--	--	--	--	--	.168	--	--
04-28-04	--	--	--	--	--	--	--	.08	.021	.015	.004	.038	--
07-26-04	--	--	--	--	--	--	--	.31	.079	.013	.052	.057	--
10-29-03	--	--	--	--	--	--	--	.63	.482	.060	.096	.096	--
04-28-04	--	--	--	--	--	--	--	.70	.487	.010	.005	.077	--
07-26-04	--	--	--	--	--	--	--	.40	.402	.013	.008	.104	--
07-26-04	--	--	--	--	--	--	--	--	--	.032	--	--	--
10-29-03	--	--	--	--	--	--	--	.09	.005	.030	.069	.077	--
10-29-03	--	--	--	--	--	--	--	--	--	--	.168	--	--
04-28-04	--	--	--	--	--	--	--	.15	.014	.002	.004	.070	--
04-28-04	--	--	--	--	--	--	--	.14	.014	--	--	--	--
07-26-04	--	--	--	--	--	--	--	.64	.013	.013	.039	.044	--
07-26-04	--	--	--	--	--	--	--	--	--	--	--	--	--
10-29-03	--	--	--	--	--	--	--	.48	.481	.060	.098	.100	--
04-28-04	--	--	--	--	--	--	--	.33	.115	.024	.018	.024	--
04-28-04	--	--	--	--	--	--	--	--	--	.145	.036	.084	--
07-26-04	--	--	--	--	--	--	--	.37	.265	.010	.008	.132	--
07-26-04	--	--	--	--	--	--	--	--	--	--	.019	--	--
10-29-03	--	--	--	--	--	--	--	.08	.021	.067	.005	.006	--
04-28-04	--	--	--	--	--	--	--	.11	.057	.010	.003	.007	--
04-28-04	--	--	--	--	--	--	--	--	--	.244	--	--	--
07-26-04	--	--	--	--	--	--	--	.08	.015	.080	.002	.010	--
10-23-03	77	.29	13.6	<.2	15.5	<.2	105	.66	.382	.060	.105	.108	7.1
04-26-04	45	.17	29.4	<.2	8.53	.7	113	.53	.260	.030	.075	.086	5.4
07-14-04	56	.10	20.0	<.2	14.0	E.1	93	.47	.287	.050	.094	.102	4.8
07-21-04	84	--	--	--	--	--	--	2.4	2.16	.002	.012	.170	3.7
07-21-04	68	--	--	--	--	--	--	.36	.177	.006	.001	.023	.9
10-24-03	85	.02	21.1	<.2	19.4	<.2	134	1.0	.740	.060	.146	.156	2.5
04-21-04	92	.06	13.3	<.2	17.5	<.2	112	.87	.900	.003	.011	.140	2.2
04-21-04	--	--	--	--	--	--	--	--	--	--	.011	--	--
07-15-04	80	E.01	18.3	<.2	19.1	<.2	120	.70	.681	.001	.011	.151	1.9
10-24-03	104	.04	20.6	<.2	24.8	.2	160	.56	.580	.129	.159	.160	2.1
10-24-03	--	--	--	--	--	--	--	--	--	--	--	--	--
04-21-04	93	.10	13.3	<.2	23.4	.3	130	.44	.324	.035	.008	.129	1.6
04-21-04	--	--	--	--	--	--	--	.49	--	--	--	--	--
07-15-04	95	<.02	15.1	<.2	23.6	.2	135	.47	.417	.014	.015	.162	1.7
07-15-04	--	--	--	--	--	--	--	--	--	.015	--	--	--
10-24-03	102	.09	24.2	<.2	20.6	1.2	175	2.1	.651	.083	.191	.191	8.6
10-24-03	--	--	--	--	--	--	--	2.1	--	--	--	.193	--
04-21-04	87	.09	20.4	<.2	23.9	3.1	161	.44	.268	.018	.011	.262	5.4
04-21-04	--	--	--	--	--	--	--	1.1	--	--	--	--	--
07-14-04	80	.28	29.4	<.2	16.6	.2	141	.80	.610	.014	.297	.324	8.8
10-29-03	--	--	--	--	--	--	--	1.9	1.57	.077	.066	.066	--
10-29-03	--	--	--	--	--	--	--	--	--	--	.066	--	--
10-29-03	--	--	--	--	--	--	--	3.6	--	--	--	--	--
04-23-04	--	--	--	--	--	--	--	1.4	1.22	.010	.007	.126	--
07-28-04	--	--	--	--	--	--	--	1.7	1.64	.021	.009	.137	--
07-28-04	--	--	--	--	--	--	--	--	1.63	--	--	--	--
07-20-04	110	--	--	--	--	--	--	1.0	.834	.009	.015	.171	3.2
07-20-04	--	--	--	--	--	--	--	2.5	--	--	--	--	--
07-21-04	67	--	--	--	--	--	--	.28	.164	ND	.012	.018	.9
10-27-03	--	--	--	--	--	--	--	.85	.014	.046	.010	.011	--
10-27-03	--	--	--	--	--	--	--	--	--	.281	--	.070	--
04-23-04	--	--	--	--	--	--	--	.21	.039	.019	.001	.009	--
07-28-04	--	--	--	--	--	--	--	.17	.012	.008	.002	.031	--
10-27-03	--	--	--	--	--	--	--	.13	.008	.191	.012	.017	--
04-23-04	--	--	--	--	--	--	--	.13	.018	.054	.001	.009	--
04-23-04	--	--	--	--	--	--	--	--	--	--	--	--	--
07-28-04	--	--	--	--	--	--	--	.08	.025	.159	.002	.017	--
10-27-03	--	--	--	--	--	--	--	2.3	.014	.029	.105	.120	--

QUALITY OF GROUND WATER
COLD CREEK MONITORING PROJECT—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Iron (bio reac- tive), water, fltrd, ug/L (63673)	Iron, water, fltrd, ug/L (01046)	Mangan- ese, water, fltrd, ug/L (01056)
<i>10-29-03</i>	--	--	--
04-28-04	5,760	--	--
07-26-04	5,330	--	--
10-29-03	26,200	--	--
04-28-04	25,900	--	--
07-26-04	18,300	--	--
<i>07-26-04</i>	--	--	--
10-29-03	9,670	--	--
<i>10-29-03</i>	<i>14,900</i>	--	--
04-28-04	10,400	--	--
<i>04-28-04</i>	--	--	--
07-26-04	7,720	--	--
<i>07-26-04</i>	--	--	--
10-29-03	15,800	--	--
04-28-04	4,000	--	--
<i>04-28-04</i>	--	--	--
07-26-04	16,500	--	--
<i>07-26-04</i>	--	--	--
10-29-03	352	--	--
04-28-04	1,840	--	--
<i>04-28-04</i>	--	--	--
07-26-04	313	--	--
10-23-03	14,000	12,700	170
04-26-04	9,790	9,130	124
07-14-04	9,140	9,250	131
07-21-04	17,200	--	--
07-21-04	9,690	--	--
10-24-03	16,500	15,500	290
04-21-04	16,000	15,200	276
<i>04-21-04</i>	--	--	--
07-15-04	13,600	14,100	247
10-24-03	20,900	19,400	214
<i>10-24-03</i>	<i>20,400</i>	--	--
04-21-04	19,300	16,800	177
<i>04-21-04</i>	--	--	--
07-15-04	15,200	17,700	179
<i>07-15-04</i>	--	--	--
10-24-03	24,400	20,900	204
<i>10-24-03</i>	--	--	--
04-21-04	29,200	27,000	155
<i>04-21-04</i>	--	--	--
07-14-04	17,900	21,100	129
10-29-03	23,700	--	--
<i>10-29-03</i>	--	--	--
<i>10-29-03</i>	--	--	--
04-23-04	27,500	--	--
07-28-04	21,500	--	--
<i>07-28-04</i>	--	--	--
07-20-04	22,200	--	--
<i>07-20-04</i>	--	--	--
07-21-04	840	--	--
10-27-03	4,020	--	--
<i>10-27-03</i>	--	--	--
04-23-04	7,280	--	--
07-28-04	4,530	--	--
10-27-03	6,570	--	--
04-23-04	1,000	--	--
<i>04-23-04</i>	<i>5,610</i>	--	--
07-28-04	478	--	--
10-27-03	10,600	--	--

QUALITY OF GROUND WATER
COLD CREEK MONITORING PROJECT—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Station number	Station name	Date	Time	Sample type	Depth of well, feet below LSD (72008)	Depth to water level, feet below LSD (72019)
385433119574503	090 N12 E18 02CCDC8 COLD CREEK 18	10-27-03	1031	Other QA	5.08	--
		04-28-04	1100	Environmental	5.08	--
		04-28-04	1101	Other QA	5.08	--
		04-28-04	1102	Other QA	5.08	--
		07-28-04	1200	Environmental	5.08	--
		07-28-04	1201	Other QA	5.08	--
385433119574504	090 N12 E18 02CCDC9 COLD CREEK 19 SHALLOW	07-28-04	1202	Other QA	5.08	--
		10-27-03	1100	Environmental	5.56	--
		04-28-04	1000	Environmental	5.56	--
		04-28-04	1001	Other QA	5.56	--
		07-28-04	1230	Environmental	5.56	--
		07-28-04	1231	Other QA	5.56	--
385433119574505	090 N12 E18 02CCDC11 COLD CREEK 19 DEEP	07-28-04	1232	Other QA	5.56	--
		10-27-03	1130	Environmental	10.	--
		04-28-04	1030	Environmental	10.	--
385433119574701	090 N12 E18 02CCDC13 COLD CREEK 22	07-28-04	1300	Environmental	10.	--
		10-27-03	0930	Environmental	5.57	--
		04-23-04	1100	Environmental	5.57	--
385433119574702	090 N12 E18 02CCDC14 COLD CREEK 23	07-26-04	1430	Environmental	5.57	--
		10-27-03	0830	Environmental	5.4	--
		10-27-03	0832	Other QA	5.4	--
385433119574703	090 N12 E18 02CCDC17 COLD CREEK MP5B	04-28-04	0930	Environmental	5.4	--
		04-28-04	0932	Other QA	5.4	--
		07-26-04	1330	Environmental	5.4	--
		07-22-04	1130	Environmental	6.	3.20
385433119574704	090 N12 E18 02CCDC18 COLD CREEK MP5D	07-22-04	1131	Other QA	6.	--
		07-22-04	1132	Other QA	6.	--
		07-22-04	1310	Environmental	10.2	3.20
385434119574401	090 N12 E18 02CCDD7 COLD CREEK 11	07-22-04	1311	Other QA	10.2	--
		10-23-03	1000	Environmental	5.65	--
385434119574402	090 N12 E18 02CCDC1 COLD CREEK 12	04-26-04	1230	Environmental	5.65	--
		04-26-04	1232	Other QA	5.65	--
		07-14-04	1015	Environmental	5.65	--
		07-14-04	1017	Other QA	5.65	--
		10-23-03	1100	Environmental	5.13	--
		10-23-03	1101	Other QA	5.13	--
385434119574402	090 N12 E18 02CCDC1 COLD CREEK 12	04-26-04	1130	Environmental	5.13	--
		04-26-04	1131	Other QA	5.13	--
		07-14-04	1100	Environmental	5.13	--

QUALITY OF GROUND WATER
COLD CREEK MONITORING PROJECT—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Flow rate, instantaneous gal/min (00059)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unfltrd, uS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	Alkalinity, wat fltrd inc tit field, mg/L as CaCO3 (39086)
10-27-03	--	--	--	--	--	--	--	--	--	--	--	--	--
04-28-04	--	615	--	--	--	--	17.0	--	--	--	--	--	--
04-28-04	--	--	--	--	--	--	--	--	--	--	--	--	--
04-28-04	--	--	--	--	--	--	--	--	--	--	--	--	--
07-28-04	>.10	611	--	--	6.2	222	--	13.0	--	--	--	--	--
07-28-04	--	--	--	--	--	--	--	--	--	--	--	--	--
07-28-04	--	--	--	--	--	--	--	--	--	--	--	--	--
10-27-03	.10	615	--	--	6.1	247	14.0	10.5	--	--	--	--	--
04-28-04	.10	615	--	--	5.4	146	17.0	6.5	--	--	--	--	--
04-28-04	--	--	--	--	--	--	--	--	--	--	--	--	--
07-28-04	.10	611	--	--	6.1	184	23.0	13.5	--	--	--	--	--
07-28-04	--	--	--	--	--	--	--	--	--	--	--	--	--
07-28-04	--	--	--	--	--	--	--	--	--	--	--	--	--
10-27-03	.05	615	--	--	6.2	319	14.0	10.5	--	--	--	--	--
04-28-04	.10	615	--	--	5.6	280	17.0	6.0	--	--	--	--	--
07-28-04	.10	611	--	--	6.3	306	23.0	13.5	--	--	--	--	--
10-27-03	--	615	--	--	5.9	287	13.5	10.0	--	--	--	--	--
04-23-04	.10	615	--	--	6.0	201	19.0	6.5	--	--	--	--	--
07-26-04	.10	611	--	--	5.8	236	--	11.0	--	--	--	--	--
10-27-03	.10	615	--	--	6.0	245	10.0	8.0	--	--	--	--	--
10-27-03	--	--	--	--	--	--	--	--	--	--	--	--	--
04-28-04	.10	615	--	--	5.2	187	17.0	7.0	--	--	--	--	--
04-28-04	--	--	--	--	--	--	--	--	--	--	--	--	--
07-26-04	>.10	611	--	--	5.9	47	--	--	--	--	--	--	--
07-22-04	.10	611	1.1	13	5.9	280	25.0	11.4	--	--	--	--	27
07-22-04	--	--	--	--	--	--	--	--	--	--	--	--	--
07-22-04	--	--	--	--	--	--	--	--	--	--	--	--	--
07-22-04	.10	611	1.2	14	6.3	222	26.5	10.7	--	--	--	--	46
07-22-04	--	--	--	--	--	--	--	--	--	--	--	--	--
10-23-03	.02	615	--	--	6.1	151	11.0	11.5	7.89	1.21	1.41	16.4	45
04-26-04	.10	615	--	--	6.0	386	18.0	9.0	15.8	2.30	1.74	36.4	49
04-26-04	--	--	--	--	--	--	--	--	--	--	--	--	--
07-14-04	--	610	--	--	5.8	198	21.0	14.0	7.55	1.16	1.35	25.5	46
07-14-04	--	--	--	--	--	--	--	--	--	--	--	--	--
10-23-03	.10	615	--	--	5.5	117	11.0	11.5	4.42	.697	.75	9.17	35
10-23-03	--	--	--	--	--	--	--	--	--	--	--	--	--
04-26-04	.10	615	--	--	5.8	333	18.0	8.5	8.81	1.27	1.14	15.9	42
04-26-04	--	--	--	--	--	--	--	--	--	--	--	--	--
07-14-04	>.10	610	--	--	5.5	200	--	13.5	4.88	.699	.66	9.86	41

QUALITY OF GROUND WATER
COLD CREEK MONITORING PROJECT—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Bicar- bonate, wat flt incrm. titr., field, mg/L (00453)	Bromide water, fltred, mg/L (71870)	Chlor- ide, water, fltred, mg/L (00940)	Fluor- ide, water, fltred, mg/L (00950)	Silica, water, fltred, mg/L (00955)	Sulfate water, fltred, mg/L (00945)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia + org-N, water, fltred, mg/L as N (00623)	Ammonia water, fltred, mg/L as N (00608)	Nitrite + nitrate water fltred, mg/L as N (00631)	Ortho- phos- phate, water, fltred, mg/L as P (00671)	Phos- phorus, water, fltred, mg/L (00666)	Organic carbon, water, fltred, mg/L (00681)
10-27-03	--	--	--	--	--	--	--	--	.015	.029	--	--	--
04-28-04	--	--	--	--	--	--	--	.25	.014	.028	.057	.066	--
04-28-04	--	--	--	--	--	--	--	--	--	.033	.057	--	--
04-28-04	--	--	--	--	--	--	--	--	--	--	--	.061	--
07-28-04	--	--	--	--	--	--	--	.19	.029	.034	.110	.136	--
07-28-04	--	--	--	--	--	--	--	.21	--	--	--	--	--
07-28-04	--	--	--	--	--	--	--	--	--	--	--	--	--
10-27-03	--	--	--	--	--	--	--	1.2	.090	.058	.329	.329	--
04-28-04	--	--	--	--	--	--	--	.30	.017	.042	.059	.176	--
04-28-04	--	--	--	--	--	--	--	--	--	--	--	.178	--
07-28-04	--	--	--	--	--	--	--	.38	.031	.076	.306	.335	--
07-28-04	--	--	--	--	--	--	--	--	--	.080	--	--	--
07-28-04	--	--	--	--	--	--	--	.66	--	--	--	--	--
10-27-03	--	--	--	--	--	--	--	1.0	.053	.039	.121	.121	--
04-28-04	--	--	--	--	--	--	--	.30	.016	.017	.019	.099	--
07-28-04	--	--	--	--	--	--	--	.14	.050	.008	.001	.290	--
10-27-03	--	--	--	--	--	--	--	.38	.241	.064	.048	.050	--
04-23-04	--	--	--	--	--	--	--	.37	.124	.019	.001	.008	--
07-26-04	--	--	--	--	--	--	--	.32	.062	.026	.022	.028	--
10-27-03	--	--	--	--	--	--	--	.25	.033	.047	.114	.115	--
10-27-03	--	--	--	--	--	--	--	.53	--	--	--	--	--
04-28-04	--	--	--	--	--	--	--	.61	.003	.554	.011	.018	--
04-28-04	--	--	--	--	--	--	--	--	.023	--	--	--	--
07-26-04	--	--	--	--	--	--	--	.21	.005	.015	.305	.329	--
07-22-04	33	--	--	--	--	--	--	.30	.016	.001	.017	.029	3.3
07-22-04	--	--	--	--	--	--	--	--	--	--	.017	.027	--
07-22-04	--	--	--	--	--	--	--	--	.033	.034	--	--	--
07-22-04	56	--	--	--	--	--	--	.57	.255	.003	.025	.132	2.9
07-22-04	--	--	--	--	--	--	--	--	--	--	--	--	--
10-23-03	55	.23	20.9	<.2	19.2	<.2	98	.45	.321	.040	.089	.090	4.0
04-26-04	60	.10	87.4	<.2	17.3	.2	256	.75	.358	.002	.006	.072	4.4
04-26-04	--	--	--	--	--	--	--	--	--	--	.025	--	--
07-14-04	56	.15	35.8	<.2	18.2	E.1	138	.50	.294	.004	.032	.115	4.3
07-14-04	--	--	--	--	--	--	--	--	--	--	--	--	--
10-23-03	43	.38	9.12	<.2	17.2	.2	77	.54	.191	.064	.186	.200	4.9
10-23-03	--	--	--	--	--	--	--	--	--	.068	--	--	--
04-26-04	51	.06	34.4	<.2	16.5	.3	150	.74	.371	.004	.005	.152	7.9
04-26-04	--	--	--	--	--	--	--	--	.371	--	--	--	--
07-14-04	50	.18	11.5	<.2	17.9	.4	81	.53	.124	.062	.186	.206	7.1

QUALITY OF GROUND WATER
COLD CREEK MONITORING PROJECT—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Iron (bio reac- tive), water, fltrd, ug/L (63673)	Iron, water, fltrd, ug/L (01046)	Mangan- ese, water, fltrd, ug/L (01056)
10-27-03	--	--	--
04-28-04	3,210	--	--
04-28-04	--	--	--
04-28-04	--	--	--
07-28-04	9,570	--	--
07-28-04	--	--	--
07-28-04	--	--	--
10-27-03	19,600	--	--
04-28-04	10,300	--	--
04-28-04	--	--	--
07-28-04	17,500	--	--
07-28-04	--	--	--
07-28-04	--	--	--
10-27-03	8,850	--	--
04-28-04	14,000	--	--
07-28-04	12,000	--	--
10-27-03	18,500	--	--
04-23-04	3,140	--	--
07-26-04	10,600	--	--
10-27-03	11,600	--	--
10-27-03	--	--	--
04-28-04	1,120	--	--
04-28-04	--	--	--
07-26-04	2,510	--	--
07-22-04	792	--	--
07-22-04	--	--	--
07-22-04	--	--	--
07-22-04	15,500	--	--
07-22-04	--	--	--
10-23-03	9,830	9,760	83.6
04-26-04	21,900	20,000	166
04-26-04	--	--	--
07-14-04	6,440	9,740	77.1
07-14-04	11,000	--	--
10-23-03	16,100	10,800	129
10-23-03	--	--	--
04-26-04	23,900	25,600	223
04-26-04	--	--	--
07-14-04	12,900	17,400	138

Remark codes used in this table:

- < -- Less than
- > -- Greater than
- E -- Estimated value
- ND-- Not detected
- V -- Contamination

GROUND-WATER LEVELS
COLD CREEK MONITORING PROJECT

Water-level data were collected in the Cold Creek watershed as part of a cooperative study with El Dorado County Department of Transportation and California Tahoe Conservancy. The purpose of the study is to assess effects of urban runoff into a detention basin adjacent to Cold Creek.

Water Level Method--E, estimated; S, steel tape; T, electric tape; V, calibrated electric tape.

Local Well No	Site Identification	Well Depth (Feet)	Elevation (Feet) Above Sea Level)	Water Level (Below Land Surface)			
				Date	Time	(Feet)	Method
COLD CREEK 01	385432119574001	5.55	6278.84	10/16/2003	1231	3.05	V
				11/06/2003	1230	2.99	S
				04/09/2004	1130	2.65	V
				04/16/2004	0740	2.72	V
				05/27/2004	0850	2.79	V
				06/04/2004	1012	2.75	V
				06/25/2004	1327	2.91	V
				07/09/2004	1348	3.01	V
				07/22/2004	1312	3.09	V
				08/09/2004	0946	3.11	V
COLD CREEK 02	385432119574002	6.75	6281.57	09/10/2004	0935	3.30	V
				10/16/2003	1232	5.57	V
				11/06/2003	1212	5.48	S
				11/25/2003	1201	5.46	V
				04/09/2004	1124	5.08	V
				04/16/2004	0743	5.16	V
				04/30/2004	1025	5.27	V
				05/21/2004	1006	5.31	V
				05/27/2004	0853	5.30	V
				06/04/2004	1010	5.31	V
COLD CREEK 03 DEEP	385432119574302	15.1	6281.21	06/25/2004	1325	5.57	V
				07/09/2004	1346	5.57	V
				07/22/2004	1309	5.63	V
				08/09/2004	0943	5.64	V
				09/10/2004	0930	5.68	V
				10/16/2003	1113	8.87	V
				10/30/2003	1337	8.83	V
				11/06/2003	1232	8.76	S
				04/09/2004	1314	7.13	V
				04/16/2004	0839	7.51	V
COLD CREEK 03 SHALLOW	385432119574301	10.2	6281.23	04/30/2004	1110	7.99	V
				05/21/2004	1014	8.14	V
				05/27/2004	0911	8.29	V
				06/04/2004	1021	8.22	V
				06/25/2004	1332	8.60	V
				07/09/2004	1354	8.76	V
				07/22/2004	1350	8.90	V
				08/09/2004	0954	9.03	V
				08/18/2004	1557	9.06	V
				08/19/2004	0834	9.05	V
				09/10/2004	0943	9.03	V
				10/16/2003	1115	8.96	V
				10/30/2003	1336	8.92	V
				11/06/2003	1230	8.80	S
				04/09/2004	1315	7.25	V
				04/16/2004	0839	7.61	V
				05/27/2004	0909	8.38	V
				06/04/2004	1023	8.33	V
				06/25/2004	1334	8.72	V
				07/09/2004	1357	8.86	V
				07/22/2004	1250	9.02	V
				08/09/2004	0955	9.13	V
				08/18/2004	1556	9.21	V
				08/19/2004	0834	9.21	V
				09/10/2004	0945	9.48	V

GROUND-WATER LEVELS

COLD CREEK MONITORING PROJECT--Continued

Local Well No	Site Identification	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface)			
				Date	Time	(Feet)	Method
COLD CREEK 04	385433119574201	10.2	6279.12	10/16/2003	1237	5.80	V
				10/30/2003	1418	5.79	V
				11/06/2003	1350	5.65	S
				11/25/2003	1316	5.54	V
				04/09/2004	1139	4.53	V
				04/16/2004	0843	4.82	V
				04/30/2004	1035	5.14	V
				05/21/2004	1019	5.27	V
				05/27/2004	0913	5.37	V
				06/04/2004	1026	5.30	V
				06/25/2004	1337	5.61	V
				07/09/2004	1359	5.74	V
				07/22/2004	1246	5.83	V
				08/09/2004	1003	5.98	V
				08/18/2004	1558	5.97	V
				08/19/2004	0835	5.94	V
COLD CREEK 05	385433119574202	10.2	6278.03	10/16/2003	1239	5.84	V
				10/30/2003	1421	5.81	V
				11/06/2003	1400	5.70	S
				11/25/2003	1314	5.56	V
				04/09/2004	1141	4.45	V
				04/16/2004	0846	4.71	V
				04/30/2004	1036	5.15	V
				05/21/2004	1021	5.24	V
				05/27/2004	0914	5.38	V
				06/04/2004	1028	5.27	V
				06/25/2004	1339	5.62	V
				07/09/2004	1401	5.76	V
				07/22/2004	1244	5.87	V
				08/09/2004	0959	5.94	V
				08/18/2004	1559	6.02	V
				08/19/2004	0836	6.00	V
COLD CREEK 06 DEEP	385433119574302	15.	6277.40	10/16/2003	1244	5.98	V
				10/30/2003	1422	5.96	V
				11/06/2003	1440	5.87	S
				11/25/2003	1309	5.73	V
				04/09/2004	1145	4.65	V
				04/16/2004	0848	4.99	V
				04/30/2004	1038	5.39	V
				05/21/2004	1023	5.45	V
				05/27/2004	0918	5.59	V
				06/04/2004	1030	5.44	V
				06/25/2004	1341	5.79	V
				07/09/2004	1403	5.91	V
				07/22/2004	1242	5.99	V
				08/09/2004	1011	6.10	V
				08/18/2004	1600	6.13	V
				08/19/2004	0837	6.11	V
COLD CREEK 06 SHALLOW	385433119574301	8.95	6277.37	10/16/2003	1243	5.98	V
				10/30/2003	1423	5.95	V
				11/06/2003	1420	5.87	S
				11/25/2003	1311	5.72	V
				04/09/2004	1151	4.59	V
				04/16/2004	0854	4.95	V
				04/30/2004	1040	5.37	V
				05/21/2004	1025	5.41	V
				05/27/2004	0917	5.59	V
				06/04/2004	1032	5.41	V
				06/25/2004	1342	5.76	V
				07/09/2004	1304	5.89	V

GROUND-WATER LEVELS

COLD CREEK MONITORING PROJECT--Continued

Local Well No	Site Identification	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface)			
				Date	Time	(Feet)	Method
COLD CREEK 06 SHALLOW	385433119574301	8.95	6277.37	07/22/2004	1240	5.98	V
				08/09/2004	1013	6.10	V
				08/18/2004	1600	6.13	V
				08/19/2004	0836	6.11	V
				09/10/2004	0952	6.18	V
COLD CREEK 07	385433119574203	4.97	6273.29	10/16/2003	1246	1.71	V
				10/30/2003	1435	1.70	V
				11/06/2003	1415	1.61	S
				11/25/2003	1300	1.52	V
				04/09/2004	1159	0.50	E
				04/16/2004	0851	0.96	V
				04/30/2004	1042	1.23	V
				05/21/2004	1026	1.27	V
				05/27/2004	0920	1.36	V
				06/04/2004	1034	1.26	V
				06/25/2004	1344	1.52	V
				07/09/2004	1406	1.63	V
				07/22/2004	1239	1.70	V
COLD CREEK 08 DEEP	385432119574304	14.95	6278.15	08/09/2004	1017	1.80	V
				08/18/2004	1601	1.84	V
				08/19/2004	0838	1.86	V
				09/10/2004	0954	1.89	V
				10/16/2003	1319	5.12	V
				10/30/2003	1505	5.09	V
				11/25/2003	1322	4.83	V
				04/09/2004	1307	3.73	V
				04/16/2004	0842	4.04	V
				04/30/2004	1107	4.43	V
				05/21/2004	1103	4.52	V
				05/27/2004	0957	4.66	V
				06/04/2004	1111	4.56	V
06/25/2004	1415	4.93	V				
COLD CREEK 08 SHALLOW	385432119574303	9.2	6278.13	07/09/2004	1444	5.07	V
				07/22/2004	1302	5.17	V
				08/09/2004	1102	5.30	V
				08/18/2004	1554	5.33	V
				08/19/2004	0832	5.31	V
				09/10/2004	1035	5.37	V
				10/16/2003	1318	5.03	V
				10/30/2003	1504	5.01	V
				11/25/2003	1321	4.75	V
				04/09/2004	1306	3.63	V
				04/16/2004	0841	3.93	V
				04/30/2004	1106	4.33	V
				05/21/2004	1104	4.43	V
05/27/2004	0956	4.58	V				
COLD CREEK 09	385432119574305	9.9	6279.30	06/04/2004	1110	4.46	V
				06/25/2004	1414	4.85	V
				07/09/2004	1443	5.00	V
				07/22/2004	1301	5.09	V
				08/09/2004	1102	5.22	V
				08/18/2004	1554	5.24	V
				08/19/2004	0832	5.24	V
				09/10/2004	1033	5.29	V
				10/16/2003	1316	7.66	V
				10/30/2003	1502	7.62	V
				04/09/2004	1310	6.23	V
				04/16/2004	0840	6.53	V
				04/30/2004	1108	6.92	V
05/21/2004	1106	7.04	V				
05/27/2004	0955	7.17	V				
06/04/2004	1113	7.09	V				
06/25/2004	1416	7.46	V				

GROUND-WATER LEVELS
COLD CREEK MONITORING PROJECT--Continued

Local Well No	Site Identification	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface)			
				Date	Time	(Feet)	Method
COLD CREEK 09	385432119574305	9.9	6279.30	07/09/2004	1446	7.61	V
				07/22/2004	1300	7.72	V
				08/09/2004	1103	7.84	V
				08/18/2004	1555	7.88	V
				08/19/2004	0833	7.85	V
				09/10/2004	1036	7.92	V
COLD CREEK 10	385433119574303	10.2	6276.39	10/16/2003	1248	5.40	V
				10/30/2003	1437	5.39	V
				04/16/2004	0853	4.20	V
				05/21/2004	1118	4.97	V
				05/27/2004	0921	5.08	V
				06/04/2004	1037	4.94	V
				06/25/2004	1346	5.23	V
				07/09/2004	1409	5.33	V
				07/22/2004	1236	5.41	V
				08/09/2004	1020	5.51	V
COLD CREEK 11	385434119574401	5.65	6272.83	09/10/2004	0957	5.57	V
				10/16/2003	1250	2.38	V
				10/30/2003	1438	2.37	V
				11/25/2003	1253	2.30	V
				04/09/2004	1203	1.94	V
				04/16/2004	0854	2.05	V
				04/30/2004	1049	2.17	V
				05/21/2004	1030	2.16	V
				05/27/2004	0923	2.18	V
				06/04/2004	1038	2.10	V
				06/25/2004	1347	2.24	V
				07/09/2004	1411	2.33	V
				07/22/2004	1234	2.39	V
				08/09/2004	1022	2.46	V
COLD CREEK 12	385434119574402	5.13	6272.64	08/18/2004	1602	2.49	V
				08/19/2004	0838	2.48	V
				09/10/2004	0959	2.52	V
				10/16/2003	1251	2.39	V
				10/30/2003	1439	2.39	V
				11/25/2003	1255	2.33	V
				04/09/2004	1205	2.08	V
				04/16/2004	0856	2.16	V
				04/30/2004	1051	2.22	V
				05/21/2004	1032	2.21	V
COLD CREEK 13 DEEP	385433119574402	15.25	6275.69	05/27/2004	0924	2.21	V
				06/04/2004	1039	2.12	V
				06/25/2004	1349	2.24	V
				07/09/2004	1413	2.35	V
				07/22/2004	1233	2.39	V
				08/09/2004	1023	2.47	V
				09/10/2004	1000	2.53	V
				10/16/2003	1254	5.11	V
				10/30/2003	1447	5.08	V
				11/25/2003	1246	4.94	V
				04/09/2004	1220	4.32	V
				04/16/2004	0857	4.49	V
				04/30/2004	1054	4.66	V
				05/21/2004	1035	4.71	V
05/27/2004	0931	4.75	V				
06/04/2004	1043	4.69	V				
06/25/2004	1352	4.94	V				
07/09/2004	1416	5.07	V				
07/22/2004	1219	5.13	V				
08/09/2004	1032	5.22	V				
08/18/2004	1603	5.27	V				
08/19/2004	0839	5.22	V				
09/10/2004	1004	5.30	V				

GROUND-WATER LEVELS
COLD CREEK MONITORING PROJECT--Continued

Local Well No	Site Identification	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface)			
				Date	Time	(Feet)	Method
COLD CREEK 13 SHALLOW	385433119574401	10.2	6275.14	10/16/2003	1255	3.97	V
				10/30/2003	1446	3.95	V
				11/25/2003	1250	3.74	V
				04/09/2004	1221	2.78	V
				04/16/2004	0807	3.06	V
				04/30/2004	1056	3.40	V
				05/21/2004	1037	3.45	V
				05/27/2004	0928	3.59	V
				06/04/2004	1045	3.45	V
				06/25/2004	1354	3.79	V
				07/09/2004	1418	3.93	V
				07/22/2004	1231	4.01	V
				08/09/2004	1037	4.12	V
				08/18/2004	1603	4.15	V
				08/19/2004	0839	4.12	V
COLD CREEK 14	385433119574403	5.48	6272.60	09/10/2004	1005	4.19	V
				10/16/2003	1253	2.48	V
				10/30/2003	1440	2.51	V
				11/25/2003	1243	2.44	V
				04/09/2004	1213	2.16	V
				04/16/2004	0856	2.25	V
				04/30/2004	1052	2.30	V
				05/21/2004	1034	2.28	V
				05/27/2004	0926	2.28	V
				06/04/2004	1041	2.20	V
				06/25/2004	1350	2.33	V
				07/09/2004	1415	2.44	V
				07/22/2004	1224	2.48	V
				08/09/2004	1025	2.54	V
				08/18/2004	1603	2.58	V
COLD CREEK 15	385432119574401	10.2	6278.33	08/19/2004	0840	2.56	V
				09/10/2004	1002	2.62	V
				10/16/2003	1314	7.27	V
				10/30/2003	1500	7.21	V
				04/09/2004	1301	6.60	S
				04/16/2004	0913	6.27	V
				04/30/2004	1103	6.58	V
				05/21/2004	1100	7.02	V
				05/27/2004	0954	6.82	V
				06/04/2004	1107	6.78	V
				06/25/2004	1350	7.13	V
				07/09/2004	1441	7.28	V
				07/22/2004	1318	7.38	V
				08/09/2004	1100	7.48	V
				08/18/2004	1608	7.51	V
COLD CREEK 16	385433119574404	7.15	6273.47	08/19/2004	0845	7.46	V
				09/10/2004	1030	7.53	V
				10/16/2003	1258	2.88	V
				11/06/2003	1640	2.60	S
				11/25/2003	1218	2.53	V
				04/09/2004	1254	1.69	V
				04/16/2004	0911	1.91	V
				04/30/2004	1059	2.22	V
				05/21/2004	1039	2.34	V
				05/27/2004	0945	2.45	V
				06/04/2004	1047	2.44	V
				06/25/2004	1355	2.89	V
				07/09/2004	1420	3.06	V
				07/22/2004	1214	3.14	V
				08/09/2004	1039	3.18	V
08/18/2004	1604	3.26	V				
08/19/2004	0840	3.04	V				
09/10/2004	1007	3.19	V				

GROUND-WATER LEVELS
COLD CREEK MONITORING PROJECT--Continued

Local Well No	Site Identification	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface)			
				Date	Time	(Feet)	Method
COLD CREEK 17 DEEP	385433119574502	10.65	6272.82	10/16/2003	1259	2.34	V
				11/06/2003	1631	2.15	S
				11/25/2003	1215	2.09	V
				04/09/2004	1229	1.33	V
				04/16/2004	0900	1.50	V
				04/30/2004	1135	1.74	V
				05/21/2004	1040	1.84	V
				05/27/2004	0914	1.92	V
				06/04/2004	1049	2.16	V
				06/25/2004	1356	2.22	V
				07/09/2004	1421	2.37	V
				07/22/2004	1213	2.47	V
				08/09/2004	1042	2.56	V
				08/18/2004	1605	2.68	V
COLD CREEK 17 SHALLOW	385433119574501	6.66	6272.71	10/16/2003	1300	2.52	V
				11/06/2003	1630	2.12	S
				11/25/2003	1216	2.10	V
				04/09/2004	1230	1.25	V
				04/16/2004	0900	1.50	V
				04/30/2004	1136	1.83	V
				05/21/2004	1041	2.00	V
				05/27/2004	0944	2.12	V
				06/04/2004	1048	1.90	V
				06/25/2004	1357	2.73	V
				07/09/2004	1422	2.94	V
				07/22/2004	1213	2.97	V
				08/09/2004	1043	3.00	V
				08/18/2004	1605	3.13	V
COLD CREEK 18	385433119574503	5.08	6271.93	10/16/2003	1302	2.58	V
				11/06/2003	1632	2.41	S
				11/25/2003	1221	2.52	V
				04/09/2004	1236	2.32	V
				04/16/2004	0901	2.41	V
				04/30/2004	1132	2.44	V
				05/21/2004	1048	2.41	V
				05/27/2004	0948	2.42	V
				06/04/2004	1055	2.32	V
				06/25/2004	1402	2.44	V
				07/09/2004	1429	2.56	V
				07/22/2004	1210	2.60	V
				08/09/2004	1047	2.69	V
				09/10/2004	1016	2.75	V
COLD CREEK 19 DEEP	385433119574505	10.	6272.11	10/16/2003	1303	2.86	V
				11/06/2003	1624	2.75	S
				11/25/2003	1224	3.09	V
				04/09/2004	1238	2.06	V
				04/16/2004	0911	2.15	V
				04/30/2004	1130	2.53	V
				05/21/2004	1045	2.49	V
				05/27/2004	0947	2.54	V
				06/04/2004	1053	2.51	V
				06/25/2004	1400	2.78	V
				07/09/2004	1425	2.93	V
				07/22/2004	1207	3.01	V
				08/09/2004	1046	3.09	V
				09/10/2004	1014	3.09	V

GROUND-WATER LEVELS
COLD CREEK MONITORING PROJECT--Continued

Local Well No	Site Identification	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface)			
				Date	Time	(Feet)	Method
COLD CREEK 19 SHALLOW	385433119574504	5.56	6272.19	10/16/2003	1304	3.01	V
				11/06/2003	1623	2.65	S
				11/25/2003	1225	2.66	V
				04/09/2004	1239	1.98	V
				04/16/2004	0903	2.26	V
				05/21/2004	1046	2.68	V
				05/27/2004	0946	2.76	V
				06/04/2004	1054	2.76	V
				06/25/2004	1401	3.10	V
				07/09/2004	1426	3.28	V
				07/22/2004	1208	3.39	V
				08/09/2004	1045	3.46	V
				09/10/2004	1013	3.40	V
COLD CREEK 20	385432119574501	7.15	6272.77	10/16/2003	1305	3.16	V
				11/06/2003	1635	2.66	S
				11/25/2003	1240	2.70	V
				04/09/2004	1251	1.44	V
				04/16/2004	0909	1.72	V
				04/30/2004	1129	2.29	V
				05/21/2004	1043	2.64	V
				05/27/2004	0952	2.77	V
				06/04/2004	1051	2.82	V
				06/25/2004	1358	3.31	V
				07/09/2004	1424	3.54	V
				07/22/2004	1211	3.58	V
				08/09/2004	1049	3.55	V
08/18/2004	1606	3.58	V				
08/19/2004	0842	3.45	V				
09/10/2004	1011	3.48	V				
COLD CREEK 21	385432119574601	4.95	6272.19	10/16/2003	1307	2.80	V
				11/06/2003	1557	2.62	S
				04/09/2004	1242	2.08	V
				04/16/2004	0908	2.26	V
				04/30/2004	1148	2.41	V
				05/21/2004	1050	2.47	V
				05/27/2004	0951	2.49	V
				06/04/2004	1104	2.45	V
				06/25/2004	1405	2.69	V
				07/09/2004	1431	2.84	V
				07/22/2004	1206	2.90	V
				08/09/2004	1057	2.96	V
				08/18/2004	1606	3.02	V
08/19/2004	0842	2.94	V				
09/10/2004	1019	3.00	V				
COLD CREEK 22	385433119574701	5.57	6271.94	10/16/2003	1308	3.10	V
				11/06/2003	1600	2.91	S
				11/25/2003	1228	2.95	V
				04/09/2004	1244	2.32	V
				04/16/2004	0905	2.55	V
				04/30/2004	1138	2.71	V
				05/21/2004	1051	2.79	V
				05/27/2004	0948	2.82	V
				06/04/2004	1058	2.81	V
				06/25/2004	1406	3.05	V
				07/09/2004	1433	3.20	V
				07/22/2004	1205	3.28	V
				08/09/2004	1051	3.30	V
08/18/2004	1607	3.34	V				
08/19/2004	0843	3.25	V				
09/10/2004	1021	3.31	V				

GROUND-WATER LEVELS

COLD CREEK MONITORING PROJECT--Continued

Local Well No	Site Identification	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface)			
				Date	Time	(Feet)	Method
COLD CREEK 23	385433119574702	5.4	6271.08	10/16/2003	1310	2.54	V
				11/06/2003	1550	2.39	S
				11/25/2003	1230	2.44	V
				04/09/2004	1246	1.97	V
				04/16/2004	0906	2.13	V
				04/30/2004	1141	2.24	V
				05/21/2004	1055	2.27	V
				05/27/2004	0949	2.30	V
				06/04/2004	1102	2.26	V
				06/25/2004	1409	2.48	V
				07/09/2004	1436	2.60	V
				07/22/2004	1203	2.69	V
				08/09/2004	1055	2.71	V
				09/10/2004	1025	2.70	V
COLD CREEK 24	385432119574701	5.5	6271.97	10/16/2003	1311	3.47	V
				11/06/2003	1553	3.27	S
				11/25/2003	1233	3.25	V
				04/09/2004	1248	2.36	V
				04/16/2004	0907	2.69	V
				04/30/2004	1139	2.94	V
				05/21/2004	1053	3.07	V
				05/27/2004	0950	3.13	V
				06/04/2004	1059	3.16	V
				06/25/2004	1408	3.47	V
				07/09/2004	1434	3.64	V
				07/22/2004	1201	3.75	V
				08/09/2004	1053	3.79	V
				09/10/2004	1023	3.77	V

QUALITY OF SURFACE WATER

LAKE TAHOE BASIN

Water-quality measurements in the following table were made in cooperation with the Tahoe Regional Planning Agency in the Lake Tahoe Basin to monitor nutrient and sediment concentrations. Samples were analyzed by the University of California, Davis, Tahoe Research Group. Quality-assurance samples are defined in the introductory text section titled "Water Quality-Control Data."

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Station number	Station name	Date	Time	Sample type	Instantaneous discharge, cfs (00061)	Barometric pressure, mm Hg (00025)
10336580	UPPER TRUCKEE RIVER AT SOUTH UPPER TRUCKEE ROAD NEAR MEYERS, CA	08-03-04	1610	Environmental	3.4	--
		08-03-04	1615	Replicate	--	--
103366092	UPPER TRUCKEE RIVER AT HIGHWAY 50 ABOVE MEYERS, CA	08-03-04	1350	Environmental	7.1	--
		08-03-04	1355	Replicate	--	--
10336610	UPPER TRUCKEE RIVER AT SOUTH LAKE TAHOE, CA	08-03-04	1120	Environmental	6.7	--
		08-03-04	1125	Replicate	--	--
10336645	GENERAL CREEK NEAR MEEKS BAY, CA	08-16-04	1815	Environmental	.84	609
		08-16-04	1820	Replicate	--	609
10336660	BLACKWOOD CREEK NEAR TAHOE CITY, CA	08-16-04	1715	Environmental	2.1	609
		08-16-04	1720	Replicate	--	609
10336674	WARD CREEK BELOW CONFLUENCE NEAR TAHOE CITY, CA	08-16-04	1400	Environmental	.46	--
		08-16-04	1405	Replicate	--	--
10336676	WARD CREEK AT HIGHWAY 89 NEAR TAHOE PINES, CA	08-16-04	1600	Environmental	1.0	610
		08-16-04	1605	Replicate	--	610
10336698	THIRD CREEK NEAR CRYSTAL BAY, NV	08-02-04	1535	Environmental	1.4	--
		08-02-04	1540	Replicate	--	--
103366993	INCLINE CREEK ABOVE TYROL VILLAGE NEAR INCLINE VILLAGE, NV	08-02-04	1100	Environmental	1.7	--
		08-02-04	1105	Replicate	--	--
103366995	INCLINE CREEK AT HIGHWAY 28 AT INCLINE VILLAGE, NV	08-02-04	1240	Environmental	2.1	--
		08-02-04	1245	Replicate	--	--
10336700	INCLINE CREEK NEAR CRYSTAL BAY, NV	08-02-04	1405	Environmental	3.0	--
		08-02-04	1410	Replicate	--	--
10336730	GLENBROOK CREEK AT GLENBROOK, NV	08-05-04	1705	Environmental	.11	--
		08-05-04	1710	Replicate	--	--
10336740	LOGAN HOUSE CREEK NEAR GLENBROOK, NV	08-04-04	1635	Environmental	.04	--
		08-04-04	1640	Replicate	--	--
103367592	EAGLE ROCK CREEK NEAR STATELINE, NV	08-05-04	1405	Environmental	.42	--
		08-05-04	1410	Replicate	--	--
10336760	EDGEWOOD CREEK AT STATELINE, NV	08-05-04	1100	Environmental	1.7	--
		08-05-04	1105	Replicate	--	--
10336770	TROUT CREEK AT U.S. FOREST SERVICE ROAD 12N01 NEAR MEYERS, CA	08-04-04	1440	Environmental	4.7	--
		08-04-04	1445	Replicate	--	--
10336775	TROUT CREEK AT PIONEER TRAIL NEAR SOUTH LAKE TAHOE CA	08-04-04	1240	Environmental	6.7	--
		08-04-04	1245	Replicate	--	--
10336790	TROUT CREEK AT SOUTH LAKE TAHOE, CA	08-04-04	1100	Environmental	14	--
		08-04-04	1105	Replicate	--	--

QUALITY OF SURFACE WATER

LAKE TAHOE BASIN—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Dis-solved oxygen, mg/L (00300)	Specif. conduc-tance, wat un-f 25 degC (00095)	Temper-ature, air, deg C (00020)	Temper-ature, water, deg C (00010)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Ammonia water, unfltrd mg/L as N (00610)	¹ Nitrite + nitrate water fltrd, mg/L as N (00631)	¹ Nitrite + nitrate water unfltrd mg/L as N (00630)	Ortho-phos-phate, water, fltrd, mg/L as P (00671)	Ortho-phos-phate, water, unfltrd mg/L as P (70507)	Phos-phorus, water, fltrd, mg/L (00666)
08-03-04	--	50	21.5	13.5	--	.11	.004	--	.022	--	.021	--	.040
08-03-04	--	50	--	--	--	.09	.003	--	.021	--	.021	--	.039
08-03-04	--	91	22.5	18.5	--	.12	.004	--	.007	--	.004	--	.024
08-03-04	--	91	--	--	--	.13	.006	--	.006	--	.004	--	.024
08-03-04	--	99	17.0	16.0	--	.13	.003	--	.022	--	.004	--	.025
08-03-04	--	99	--	--	--	.17	.003	--	.024	--	.004	--	.025
08-16-04	6.8	57	20.8	16.5	--	.11	.003	--	.008	--	.022	--	.025
08-16-04	6.8	57	20.8	16.5	--	.16	.003	--	.008	--	.021	--	.025
08-16-04	7.8	69	21.8	18.0	--	.10	.004	--	.005	--	.010	--	.015
08-16-04	7.8	69	21.8	18.0	--	.12	.004	--	.004	--	.010	--	.015
08-16-04	--	43	--	16.0	--	.07	.003	--	.006	--	.004	--	.010
08-16-04	--	43	--	16.0	--	.07	.005	--	.006	--	.004	--	.009
08-16-04	8.2	69	23.0	19.0	--	.11	.005	--	.006	--	.008	--	.013
08-16-04	8.2	69	23.0	19.0	--	.11	.005	--	.006	--	.008	--	.013
08-02-04	--	66	19.0	13.5	--	.09	.004	--	.014	--	.012	--	.023
08-02-04	--	66	--	--	--	.09	--	--	--	--	--	--	--
08-02-04	--	38	14.5	7.5	--	.12	.003	--	.016	--	.012	--	.023
08-02-04	--	38	--	--	--	.10	.004	--	.015	--	.011	--	.024
08-02-04	--	49	19.0	10.5	--	.12	.005	--	.019	--	.011	--	.021
08-02-04	--	49	--	--	--	.10	.006	--	.019	--	.011	--	.023
08-02-04	--	83	21.0	12.0	--	.12	.004	--	.023	--	.011	--	.025
08-02-04	--	83	--	--	--	.11	.004	--	.023	--	.011	--	.025
08-05-04	--	520	20.5	12.5	--	.62	.007	--	.025	--	.012	--	.031
08-05-04	--	520	--	--	--	.44	.006	--	.026	--	.011	--	.033
08-04-04	--	157	21.0	9.5	--	.08	.003	--	.019	--	.002	--	.016
08-04-04	--	157	--	--	--	.11	.003	--	.018	--	.002	--	.015
08-05-04	--	55	21.0	9.3	.05	.11	.005	.009	.025	.025	.017	.02	.029
08-05-04	--	55	--	--	.08	.12	.004	.009	.026	.025	.018	.02	.027
08-05-04	--	96	18.0	12.0	--	.17	.004	--	.014	--	.011	--	.024
08-05-04	--	96	--	--	--	.19	.004	--	.015	--	.012	--	.024
08-04-04	--	51	17.5	9.0	--	.08	.003	--	.006	--	.010	--	.025
08-04-04	--	51	--	--	--	.08	.003	--	.007	--	.010	--	.025
08-04-04	--	54	21.5	14.0	--	.08	.006	--	.003	--	.009	--	.023
08-04-04	--	54	--	--	--	.08	.003	--	.003	--	.009	--	.025
08-04-04	--	50	20.5	12.5	--	.20	.003	--	.004	--	.011	--	.021
08-04-04	--	50	--	--	--	.16	.004	--	.005	--	.010	--	.022

QUALITY OF SURFACE WATER

LAKE TAHOE BASIN—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Phosphorus, water, unfltrd mg/L (00665)	Iron (bio reactive), water, unfltrd ug/L (46568)	Sus- pended sedi- ment concen- tration mg/L (80154)	Sus- pended sedi- ment dis- charge, tons/d (80155)
08-03-04	.049	--	1	.01
08-03-04	.048	--	--	--
08-03-04	.027	--	3	.06
08-03-04	.030	--	--	--
08-03-04	.031	--	3	.05
08-03-04	.031	--	--	--
08-16-04	.032	--	2	<.01
08-16-04	.033	--	--	--
08-16-04	.018	--	1	.01
08-16-04	.021	--	--	--
08-16-04	.010	--	1	<.01
08-16-04	.012	--	--	--
08-16-04	.016	--	1	<.01
08-16-04	.016	--	--	--
08-02-04	.032	--	4	.02
08-02-04	.032	--	--	--
08-02-04	.032	--	5	.02
08-02-04	.029	--	--	--
08-02-04	.035	--	3	.02
08-02-04	.038	--	--	--
08-02-04	.044	--	7	.06
08-02-04	.046	--	--	--
08-05-04	.134	--	18	.01
08-05-04	.129	--	--	--
08-04-04	.025	--	2	<.01
08-04-04	.027	--	--	--
08-05-04	.052	260	9	.01
08-05-04	.051	234	--	--
08-05-04	.037	--	3	.01
08-05-04	.035	--	--	--
08-04-04	.026	--	3	.04
08-04-04	.026	--	--	--
08-04-04	.028	--	2	.04
08-04-04	.027	--	--	--
08-04-04	.038	--	10	.38
08-04-04	.036	--	--	--

Remark codes used in this table:

< -- Less than

¹ --Hydrazine method used to determine nitrate plus nitrite concentrations was found to have interferences caused by other common ions in water samples. Values may be adjusted in the future to correct these interferences.

QUALITY OF SURFACE WATER

LAKE TAHOE BASIN

Water-quality measurements in the following table were made in cooperation with the Tahoe Regional Planning Agency to determine the effectiveness of the prohibition of carbureted 2-stroke engines in the Lake Tahoe Basin. Quality-assurance samples are defined in the introductory text section titled "Water Quality-Control Data."

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Station number	Station name	Date	Time	Sample type	Sam- pling depth, meters (00098)	Trans- parency Secchi disc, meters (00078)
103366082	ECHO CREEK AT OUTLET NEAR PHILLIPS CA	10-15-03	0930	Environmental	--	--
		10-15-03	0931	Laboratory Replicate	--	--
		10-15-03	0932	Laboratory Replicate	--	--
10336626	TAYLOR CREEK NEAR CAMP RICHARDSON CA	10-15-03	1110	Environmental	--	--
		10-15-03	1111	Laboratory Replicate	--	--
10336715	MARLETTE CREEK NEAR CARSON CITY, NV	10-21-03	1100	Environmental	--	--
		<i>10-21-03</i>	<i>1101</i>	Laboratory Replicate	--	--
		10-21-03	1110	Environmental	--	--
		10-21-03	1112	Laboratory Replicate	--	--
385023120032501	LOWER ECHO LAKE SAMPLE SITE NEAR CENTER	10-20-03	0930	Environmental	1.0	7.50
		10-20-03	0945	Environmental	16.0	7.50
		10-22-03	1008	Equipment Blank	--	--
		10-22-03	1018	Laboratory Replicate	--	--
		<i>10-22-03</i>	<i>1019</i>	Laboratory Replicate	--	--
385356120035001	FALLEN LEAF LAKE SAMPLE SITE 1	10-20-03	1150	Environmental	1.0	14.5
		10-20-03	1152	Laboratory Replicate	--	--
		10-20-03	1210	Environmental	25.0	14.5
		<i>10-20-03</i>	<i>1211</i>	Laboratory Replicate	--	--
		10-20-03	1212	Laboratory Replicate	--	--
390625119542801	SPOONER LAKE SAMPLE SITE NEAR CENTER	10-14-03	1100	Environmental	1.0	1.50
391033119540301	MARLETTE LAKE SAMPLE SITE NEAR CENTER	10-14-03	1120	Environmental	2.5	1.50
		10-21-03	1000	Environmental	1.0	4.00
		<i>10-21-03</i>	<i>1001</i>	Laboratory Replicate	--	--
		10-21-03	1002	Laboratory Replicate	--	--
		10-21-03	1010	Environmental	1.0	4.00
		10-21-03	1012	Laboratory Replicate	--	--
		10-21-03	1030	Environmental	5.0	4.00

QUALITY OF SURFACE WATER

LAKE TAHOE BASIN—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Turbidity, water, unfltrd field, NTU (61028)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unfltrd uS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia fltrd, mg/L as N (00608)	¹ Nitrite + nitrate water fltrd, mg/L as N (00631)	Ortho-phosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd mg/L (00665)
10-15-03	.2	584	7.0	78	7.8	17	11.0	8.5	.09	.005	.010	.001	.004
10-15-03	--	--	--	--	--	--	--	--	--	.005	--	--	--
10-15-03	--	--	--	--	--	--	--	--	--	--	--	--	--
10-15-03	.9	606	7.5	88	7.3	20	17.5	12.1	.08	.003	.003	.001	.006
10-15-03	--	--	--	--	--	--	--	--	--	--	.004	--	--
10-21-03	1.4	581	7.0	79	7.6	55	23.0	8.5	.12	.001	.038	.002	.008
10-21-03	--	--	--	--	--	--	--	--	--	.001	--	--	--
10-21-03	1.4	581	7.0	79	7.6	55	23.0	8.5	.17	.002	.038	.003	.009
10-21-03	--	--	--	--	--	--	--	--	--	.012	--	--	--
10-20-03	.5	588	9.8	117	9.0	7	14.5	11.4	.10	.009	.007	.001	.004
10-20-03	.4	588	7.7	85	7.0	7	14.5	8.4	.11	.001	.002	.001	.004
10-22-03	--	--	--	--	--	--	--	--	.04	.005	.003	.001	.001
10-22-03	--	--	--	--	--	--	--	--	.01	.001	.001	.001	.002
10-22-03	--	--	--	--	--	--	--	--	--	--	--	.001	--
10-20-03	.3	611	9.1	110	8.2	19	20.5	13.9	.08	.003	.004	.001	.003
10-20-03	--	--	--	--	--	--	--	--	.25	--	--	--	--
10-20-03	.2	611	10.4	106	7.5	19	20.5	6.6	.08	.003	.002	.001	.008
10-20-03	--	--	--	--	--	--	--	--	.12	--	--	--	--
10-20-03	--	--	--	--	--	--	--	--	--	--	.042	--	--
10-14-03	5.5	586	7.7	91	8.3	476	17.0	10.9	.45	.006	.002	.001	.015
10-14-03	12	586	5.4	64	8.4	482	17.0	10.8	.62	.001	.002	.001	.040
10-21-03	3.2	581	8.8	106	6.7	43	16.0	11.4	.37	.015	.007	.001	.014
10-21-03	--	--	--	--	--	--	--	--	--	--	--	--	--
10-21-03	--	--	--	--	--	--	--	--	--	--	--	.011	--
10-21-03	1.6	581	8.8	106	6.7	43	16.0	11.4	.37	.017	.006	.001	.014
10-21-03	--	--	--	--	--	--	--	--	--	--	--	--	--
10-21-03	1.8	581	8.4	101	6.4	43	16.0	11.4	.32	.016	.007	.001	.017

Date	Iron (bio reactive), water, unfltrd ug/L (46568)	Suspnd. sedi- ment, sieve diametr percent <.063mm (70331)	Sus- pended sedi- ment concen- tration mg/L (80154)
10-15-03	39	50	.0
10-15-03	--	--	--
10-15-03	88	--	--
10-15-03	25	56	1
10-15-03	--	--	--
10-21-03	284	50	2
10-21-03	--	--	--
10-21-03	280	--	--
10-21-03	--	--	--
10-20-03	17	--	--
10-20-03	21	--	--
10-22-03	ND	--	--
10-22-03	ND	--	--
10-22-03	--	--	--
10-20-03	8	--	--
10-20-03	--	--	--
10-20-03	8	--	--
10-20-03	--	--	--
10-20-03	--	--	--
10-14-03	995	--	--
10-14-03	--	--	--
10-21-03	296	--	--
10-21-03	296	--	--
10-21-03	--	--	--
10-21-03	299	--	--
10-21-03	342	--	--
10-21-03	303	--	--

¹Hydrazine method used to determine nitrate plus nitrite concentrations was found to have interferences caused by other common ions in water samples. Values may be adjusted in the future to correct for these interferences.

QUALITY OF SURFACE WATER

LAKE TAHOE BASIN

Water-quality measurements in the following table were made in cooperation with the Tahoe Regional Planning Agency in the Lake Tahoe Basin for quality assurance purposes. Samples were analyzed by the University of California, Davis, Tahoe Research Group. Quality-assurance samples are defined in the introductory text section titled "Water Quality-Control Data.

QA/QC CALIFORNIA

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Station number	Date	Time	Sample type	^a Type of blank sample, code (99102)	Specif. conduc-tance, wat unfiltered, uS/cm 25 degC (00095)	Ammonia + org-N, water, filtered, mg/L as N (00623)	Ammonia + org-N, water, unfiltered, mg/L as N (00625)	Ammonia water, filtered, mg/L as N (00608)	Nitrite + nitrate water filtered, mg/L as N (00631)	Ortho-phosphate, water, filtered, mg/L as P (00671)	Phos-phorus, water, filtered, mg/L (00666)	Phos-phorus, water, unfiltered, mg/L (00665)
103366769999	12-19-03	1400	Blank	1.	2	<.04	<.04	<.003	<.002	<.001	<.002	<.002
	12-19-03	1405	Blank	100.	2	<.04	<.04	<.003	<.002	<.001	<.002	<.002
	03-11-04	1530	Blank	100.	2	<.04	<.04	.004	<.002	<.001	<.002	<.002
	03-11-04	1525	Blank	1.	2	<.04	<.04	.004	<.002	<.001	<.002	<.002
	06-10-04	1350	Blank	1.	2	--	<.04	.003	.003	.001	<.002	<.002
	06-10-04	1355	Blank	100.	2	<.04	<.04	.003	<.002	<.001	<.002	<.002
	09-17-04	1445	Blank	1.	2	.04	.04	.004	.002	<.001	<.002	<.002
	09-17-04	1450	Blank	100.	2	.04	.04	.004	.003	<.001	<.002	<.002

Remark codes used in this table:
 < -- Less than

^a
 1.-- Source solution
 100.-- Field

QUALITY OF SURFACE WATER

LAKE TAHOE BASIN

QA/QC NEVADA

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Station number	Date	Time	Sample type	aType of blank sample, code (99102)	Specif. conduc-tance, wat unfiltered, 25 degC (00095)	Ammonia		Ammonia water, filtered, mg/L as N (00608)	Ammonia water, unfiltered, mg/L as N (00610)	Nitrite + nitrate water filtered, mg/L as N (00631)	Nitrite + nitrate water unfiltered, mg/L as N (00630)
						+ org-N, water, filtered, mg/L as N (00623)	+ org-N, water, unfiltered, mg/L as N (00625)				
103367009999	11-05-03	1425	Blank	1.	2	U	<.04	--	.005	--	<.002
	11-05-03	1435	Blank	100.	2	<.04	<.04	<.003	.005	<.002	<.002
	02-03-04	1420	Blank	1.	2	--	<.04	--	.005	--	<.002
	02-03-04	1430	Blank	100.	3	<.04	U	<.003	.005	<.002	.002
	05-21-04	1320	Blank	1.	1	<.04	<.04	.004	--	<.002	<.002
103367309999	05-21-04	1325	Blank	100.	2	<.04	U	.003	.006	.004	.003
	10-10-03	0930	Blank	1.	2	U	<.04	--	.005	--	<.002
	10-10-03	0945	Blank	100.	2	U	<.04	<.003	.005	<.002	<.002
	01-06-04	1415	Blank	100.	2	<.04	<.04	<.003	.004	<.002	.002
	01-06-04	1425	Blank	1.	2	--	<.04	--	.004	--	<.002
	04-09-04	1550	Blank	1.	2	--	<.04	--	.006	--	<.002
	04-09-04	1600	Blank	100.	2	U	<.04	.003	.006	.018	.017
	06-15-04	1205	Blank	100.	1	<.04	<.04	.003	.006	.003	.003
	06-15-04	1210	Blank	60.	1	<.04	--	.003	--	<.002	--
	06-15-04	1215	Blank	1.	1	--	<.04	--	.006	--	<.002
	06-16-04	1255	Blank	100.	1	<.04	<.04	.003	.004	.003	.003
	06-16-04	1300	Blank	60.	1	U	--	.004	--	.003	--
	06-16-04	1305	Blank	1.	1	--	<.04	--	.004	--	<.002
	07-07-04	1645	Blank	100.	2	.04	<.04	.004	.005	.002	<.002
	07-07-04	1655	Blank	1.	2	--	<.04	--	.005	--	<.002
	08-05-04	1240	Blank	1.	--	--	<.04	--	.006	--	.002
	08-05-04	1245	Blank	100.	1	<.04	<.04	.004	.007	.002	.002

Date	Ortho-phosphate, water, filtered, mg/L as P (00671)	Ortho-phosphate, water, unfiltered, mg/L as P (70507)	Phosphorus, water, filtered, mg/L (00666)	Phosphorus, water, unfiltered, mg/L (00665)	Iron (bio reactive), water, filtered, ug/L (63673)	Iron (bio reactive), water, unfiltered, ug/L (46568)	Suspended sediment concentration mg/L (80154)
11-05-03	--	<.001	--	<.002	--	4	--
11-05-03	<.001	<.001	<.002	<.002	4	4	--
02-03-04	--	<.001	--	<.002	--	--	--
02-03-04	<.001	<.001	<.002	<.002	--	--	--
05-21-04	<.001	<.001	<.002	<.002	--	--	--
05-21-04	<.001	<.001	<.002	<.002	--	--	<1
10-10-03	--	<.001	--	<.002	--	4	--
10-10-03	<.001	<.001	<.002	<.002	--	5	--
01-06-04	<.001	<.001	<.002	<.002	5	4	--
01-06-04	--	<.001	--	<.002	--	4	--
04-09-04	--	<.001	--	<.002	--	3	--
04-09-04	<.001	<.001	<.002	<.002	4	5	--
06-15-04	.002	M	.002	.003	5	4	--
06-15-04	<.001	--	<.002	--	6	--	--
06-15-04	--	<.001	--	<.002	--	5	--
06-16-04	<.001	M	.002	.002	4	5	--
06-16-04	.001	--	.002	--	5	--	--
06-16-04	--	<.001	--	<.002	--	5	--
07-07-04	<.001	<.001	<.002	.002	6	4	--
07-07-04	--	<.001	--	<.002	4	4	--
08-05-04	--	M	--	.002	--	5	--
08-05-04	<.001	M	<.002	.002	--	5	<1

Remark codes used in this table:
 < -- Less than
 M-- Presence verified, not quantified
 U -- Analyzed for, not detected

a
 1. -- Source solution
 60. -- Filter
 100. -- Field

QUALITY OF GROUND WATER
NATIONAL WATER-QUALITY ASSESSMENT

Water-quality measurements in the following table were made as part of the National Water-Quality Assessment Program (NAWQA) Reno-Carson City-Spanish Springs Major Aquifer study to monitor quarterly conditions of deep ground water.

Depths and Water Levels: Depths are referenced to land-surface datum (LSD).

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Station number	Local identifier	Date	Time	Sample type	Depth of well, feet below LSD (72008)	Depth to water level, feet below LSD (72019)	Flow rate of well, gal/min (00058)	Turbidity, water, unfltrd field, NTU (61028)	Barometric pressure, mm Hg (00025)
390943119474802	N15 E19 13CADA2	10-15-03	1000	Environmental	190.	--	--	--	--
		10-28-03	1000	Environmental	190.	75.58	.50	2.2	641
		01-27-04	0830	Blank	190.	--	--	--	--
		01-27-04	1000	Environmental	190.	76.66	.50	.8	636
		04-05-04	0900	Blank	190.	--	--	--	--
391014119450701	N15 E20 17AADC1	04-05-04	1100	Environmental	190.	77.68	1.0	3.3	636
		07-12-04	1200	Environmental	190.	80.43	.50	3.3	639
		10-27-03	0915	Environmental	700.	--	415	.2	652
		01-26-04	0930	Environmental	700.	--	510	.4	643
		04-08-04	1015	Environmental	700.	--	465	.1	644
392506119462201	N18 E20 19AABB1	07-12-04	0900	Environmental	700.	--	400	.2	644
		10-29-03	0930	Environmental	530.	--	870	.2	635
		01-28-04	0930	Environmental	530.	--	850	.2	645
		04-06-04	0900	Environmental	530.	--	820	.4	641
		04-06-04	0901	Spike	530.	--	--	--	--
393053119445601	N19 E20 16BCAC2	07-14-04	0830	Environmental	530.	--	770	.2	645
		10-29-03	1115	Environmental	191.	--	548	.1	641
		01-28-04	1100	Environmental	191.	--	550	.2	651
		04-06-04	1100	Environmental	191.	--	540	.1	648
		07-13-04	1030	Environmental	191.	--	500	.2	650
393812119425701	N21 E20 34DDDC1	10-30-03	1000	Environmental	300.	--	860	.1	640
		10-30-03	1015	Replicate	300.	--	--	--	--
		01-29-04	0945	Environmental	300.	--	830	.2	650
		04-07-04	0930	Environmental	300.	37.90	860	.1	649
		04-07-04	1000	Replicate	300.	--	850	.2	649
		07-13-04	0830	Environmental	300.	--	800	.2	648

Station number	Date	Dis-solved oxygen, mg/L (00300)	Dis-solved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, air, deg C (00020)	Temper-ature, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potas-ium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	Alka-linity, wat flt inc tit field, mg/L as CaCO3 (39086)	
390943119474802	10-15-03	--	--	--	--	--	--	--	--	--	--	--	
	10-28-03	.8	9	7.2	239	12.0	13.0	23.7	8.36	2.54	14.4	108	
	01-27-04	--	--	--	--	--	--	.01	<.008	<.16	<.10	--	
	01-27-04	1.0	11	6.9	239	7.0	11.0	24.6	8.19	2.39	13.6	108	
	04-05-04	--	--	--	--	--	--	.02	<.008	E.09	<.10	--	
391014119450701	04-05-04	.9	10	6.6	248	18.0	13.5	24.9	8.71	2.56	14.1	106	
	07-12-04	3.3	40	6.8	252	32.0	16.0	25.3	7.94	2.44	13.7	106	
	10-27-03	.8	9	8.0	191	11.0	15.7	19.9	2.55	.96	19.7	91	
	01-26-04	1.6	18	7.3	238	1.0	11.8	27.5	5.47	1.21	17.3	116	
	04-08-04	.7	9	7.9	191	17.5	17	20.5	2.58	.87	21.3	93	
392506119462201	07-12-04	.9	11	7.6	201	20.0	16.4	21.3	2.51	.93	19.9	94	
	10-29-03	4.9	63	7.4	216	19.0	18.2	16.0	10.5	5.69	11.0	122	
	01-28-04	4.6	57	7.3	202	5.0	17.3	18.2	11.2	5.63	10.7	106	
	04-06-04	4.3	54	7.2	205	15.1	18.2	17.1	10.2	5.49	10.8	106	
	04-06-04	--	--	--	--	--	--	--	--	--	--	--	
393053119445601	07-14-04	4.5	57	7.1	215	26.0	18.3	16.4	9.09	5.44	10.3	105	
	10-29-03	.9	11	7.4	259	31.0	14.8	19.2	8.13	3.56	19.6	88	
	01-28-04	1.0	11	7.3	238	10.0	13.1	21.0	8.41	3.59	20.7	88	
	04-06-04	1.0	11	7.2	250	23.0	14.1	20.6	8.31	3.48	18.9	87	
	07-13-04	1.0	11	7.2	260	25.0	13.9	20.5	7.81	3.57	18.3	87	
393812119425701	10-30-03	1.0	12	7.6	946	11.0	14.9	69.4	15.9	5.86	105	178	
	10-30-03	--	--	--	--	--	--	--	--	--	--	--	
	01-29-04	1.2	14	7.5	954	7.0	14.9	81.2	19.1	6.22	112	183	
	04-07-04	1.2	14	7.5	1,020	13.0	15.1	79.1	17.9	6.03	110	184	
	04-07-04	1.1	13	7.5	1,020	15.0	15.2	80.5	17.8	6.62	112	184	
		07-13-04	1.7	20	7.4	882	21.0	15.7	63.4	14.3	5.77	97.4	162

QUALITY OF GROUND WATER
NATIONAL WATER-QUALITY ASSESSMENT—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Station number	Date	Vinyl chloride, water, unfltrd ug/L (39175)	Alpha radioac 30 day, wat flt Th-230, pCi/L (62639)	Alpha radioac 72 hr, wat flt Th-230, pCi/L (62636)	Beta radioac 30 day, wat flt Cs-137, pCi/L (62645)	Beta radioac 72 hr, wat flt Cs-137, pCi/L (62642)	Deuterium/Protium ratio, water, unfltrd per mil (82082)	O-18 / O-16 ratio, water, unfltrd per mil (82085)	Ra-226, water, fltrd, radon method pCi/L (09511)	Ra-228, water, fltrd, pCi/L (81366)	Uranium natural water, fltrd, ug/L (22703)
390943119474802	10-15-03	--	--	--	--	--	-111	-14.96	--	--	--
	10-28-03	<.1	--	--	--	--	--	--	--	--	--
	01-27-04	--	--	--	--	--	--	--	--	--	--
	01-27-04	--	--	--	--	--	--	--	--	--	--
	04-05-04	<.1	--	--	--	--	--	--	--	--	<.04
	04-05-04	<.1	--	--	--	--	--	--	--	--	1.16
	07-12-04	--	M	M	4	2	--	--	.01	M	--
391014119450701	10-27-03	<.1	--	--	--	--	--	--	--	--	--
	01-26-04	--	--	--	--	--	--	--	--	--	--
	04-08-04	<.1	--	--	--	--	--	--	--	--	29.5
392506119462201	07-12-04	--	7	8	14	3	--	--	.12	M	--
	10-29-03	<.1	--	--	--	--	-115	-15.41	--	--	--
	01-28-04	--	--	--	--	--	--	--	--	--	--
	04-06-04	<.1	--	--	--	--	--	--	--	--	3.46
393053119445601	04-06-04	1.2	--	--	--	--	--	--	--	--	--
	07-14-04	--	M	M	7	6	--	--	.06	M	--
	10-29-03	<.1	--	--	--	--	--	--	--	--	--
	01-28-04	--	--	--	--	--	--	--	--	--	--
	04-06-04	<.1	--	--	--	--	--	--	--	--	.88
393812119425701	07-13-04	--	M	M	4	3	--	--	.02	M	--
	10-30-03	<.1	--	--	--	--	-112	-14.26	--	--	--
	10-30-03	--	--	--	--	--	-112	-14.25	--	--	--
	01-29-04	--	--	--	--	--	--	--	--	--	--
	04-07-04	<.1	--	--	--	--	--	--	--	--	9.74
	04-07-04	<.1	--	--	--	--	--	--	--	--	9.62
07-13-04	--	1	3	7	6	--	--	.11	M	--	

Remark codes used in this table:

- < -- Less than
- E -- Estimated value
- M -- Presence verified, not quantified

^a -- Listed values are recovery percentages for the indicated compounds. These compounds are added to the sample to determine the relative recovery of other organic compounds that are detected using the same analytical method.

QUALITY OF GROUND WATER
NATIONAL WATER-QUALITY ASSESSMENT

Water-quality measurements in the following table were made as part of the National Water-Quality Assessment Program (NAWQA) Carson City-Spanish Springs Source Water Assessment to monitor conditions in public supply wells.

Depths and Water Levels: Depths are referenced to land-surface datum (LSD).

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Station number	Local identifier	Date	Time	Sample type	Depth of well, feet below LSD (72008)	Flow rate of well, gal/min (00058)	Barometric pressure, mm Hg (00025)	Dis-solved oxygen, mg/L (00300)	Dis-solved oxygen, percent of saturation (00301)
390955119481501	N15 E19 13BCDC1	08-31-04	1215	Environmental	--	--	640	6.3	71
391035119471501	N15 E19 12DADD2	08-31-04	0930	Environmental	470	943	643	6.1	66
391113119471501	N15 E19 01DDDD1	08-31-04	1045	Environmental	400	895	641	7.3	86

Station number	Date	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, air, deg C (00020)	Temper-ature, water, deg C (00010)	1,4-Di-chloro-benzene water, fltrd, ug/L (34572)	1-Methyl-naphth-alene, water, fltrd, ug/L (62054)	2,6-Di-methyl-naphth-alene, water, fltrd, ug/L (62055)	2-Methyl-naphth-alene, water, fltrd, ug/L (62056)	3-beta-Coprostanol, water, fltrd, ug/L (62057)	3-Methyl-1H-indole, water, fltrd, ug/L (62058)	3-tert-Butyl-4-hy-droxy-anisole wat flt ug/L (62059)
390955119481501	08-31-04	6.7	226	28.0	13.0	<.5	<.5	<.5	<.5	<.5	<.5	<.5
391035119471501	08-31-04	6.2	228	17.5	11.2	<.5	<.5	<.5	<.5	<.5	<.5	<.5
391113119471501	08-31-04	6.8	221	24.5	14.8	<.5	<.5	<.5	<.5	<.5	<.5	<.5

Station number	Date	4-Cumyl-phenol, water, fltrd, ug/L (62060)	4-Octyl-phenol, water, fltrd, ug/L (62061)	4-Nonyl-phenol, water, fltrd, ug/L (62085)	4-tert-Octyl-phenol, water, fltrd, ug/L (62062)	5-Methyl-1H-benzo-tri-azole, wat flt ug/L (62063)	9,10-Anthra-quinone water, fltrd, ug/L (62066)	Aceto-phenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Anthra-cene, water, fltrd, ug/L (34221)	Benzo-[a]-pyrene, water, fltrd, ug/L (34248)	Benzo-phenone water, fltrd, ug/L (62067)
390955119481501	08-31-04	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5
391035119471501	08-31-04	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5
391113119471501	08-31-04	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5

Station number	Date	beta-Sitosterol, water, fltrd, ug/L (62068)	beta-Stigmanstanol, water, fltrd, ug/L (62086)	Bisphenol A, water, fltrd, ug/L (62069)	Bromacil, water, fltrd, ug/L (04029)	Caffeine, water, fltrd, ug/L (50305)	aCaffeine-13C sur Sch 2033 & 8033, wat flt pct rcv (99584)	Camphor water, fltrd, ug/L (62070)	Carbaryl, water, fltrd, 0.7u GF ug/L (82680)	Carbazole, water, fltrd, ug/L (62071)	Chlorpyrifos water, fltrd, ug/L (38933)	Cholesterol, water, fltrd, ug/L (62072)
390955119481501	08-31-04	<.5	<.5	<.5	<.5	<.5	64.8	<.5	<.5	<.5	<.5	<.5
391035119471501	08-31-04	<.5	<.5	<.5	<.5	<.5	54.0	<.5	<.5	<.5	<.5	<.5
391113119471501	08-31-04	<.5	<.5	<.5	<.5	<.5	52.7	<.5	<.5	<.5	<.5	<.5

Station number	Date	Cotinine, water, fltrd, ug/L (62005)	aDecaF-biphenl sur Sch 2033 & 8033, wat flt pct rcv (99585)	DEET, water, fltrd, ug/L (62082)	Diazinon, water, fltrd, ug/L (39572)	Diethoxynonylphenol, water, fltrd, ug/L (62083)	Diethoxyoctylphenol, water, fltrd, ug/L (61705)	D-Limonene, water, fltrd, ug/L (62073)	Ethoxyoctylphenol, water, fltrd, ug/L (61706)	Fluoranthene water, fltrd, ug/L (34377)	aFluoranthene -d10, sur Sch 20/8033 wat flt pct rcv (99586)	HHCB, water, fltrd, ug/L (62075)
390955119481501	08-31-04	<1.00	37.1	<.5	<.5	<.5	<.5	<.5	<.5	<.5	88.9	<.5
391035119471501	08-31-04	<1.00	40.2	<.5	<.5	<.5	<.5	<.5	<.5	<.5	92.1	<.5
391113119471501	08-31-04	<1.00	37.9	<.5	<.5	<.5	<.5	<.5	<.5	<.5	89.2	<.5

QUALITY OF GROUND WATER
NATIONAL WATER-QUALITY ASSESSMENT—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Station number	Date	Indole, water, fltrd, ug/L (62076)	Isoborneol, water, fltrd, ug/L (62077)	Iso-phorone, water, fltrd, ug/L (34409)	Iso-propyl-benzene, water, fltrd, ug/L (62078)	Iso-quinoline, water, fltrd, ug/L (62079)	Menthol, water, fltrd, ug/L (62080)	Meta-laxyl, water, fltrd, ug/L (50359)	Methyl salicylate, water, fltrd, ug/L (62081)	Meta-chlor, water, fltrd, ug/L (39415)	Naphthalene, water, fltrd, ug/L (34443)	p-Cresol, water, fltrd, ug/L (62084)
390955119481501	08-31-04	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<1
391035119471501	08-31-04	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<1
391113119471501	08-31-04	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<1

Station number	Date	Penta-chloro-phenol, water, fltrd, ug/L (34459)	Phenanthrene, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Prometon, water, fltrd, ug/L (04037)	Pyrene, water, fltrd, ug/L (34470)	Tetra-chloro-ethene, water, fltrd, ug/L (34476)	Tri-bromo-methane, water, fltrd, ug/L (34288)	Tri-butyl phosphate, water, fltrd, ug/L (62089)	Triclo-san, water, fltrd, ug/L (62090)	Tri-ethyl citrate, water, fltrd, ug/L (62091)
390955119481501	08-31-04	<2	M	V.5	<.5	<.5	E.1	E.1	<.5	<1	<.5
391035119471501	08-31-04	<2	<.5	V.2	<.5	<.5	E.3	E.1	<.5	<1	<.5
391113119471501	08-31-04	<2	<.5	V1.0	<.5	<.5	<.5	<.5	<.5	<1	<.5

Station number	Date	Tri-phenyl phosphate, water, fltrd, ug/L (62092)	Tris(2-butoxy-ethyl) phosphate, wat flt ug/L (62093)	Tris(2-chloro-ethyl) phosphate, wat flt ug/L (62087)	Tris(di-chloro-i-Pr) phosphate, wat flt ug/L (62088)	Alpha radioac 30 day, wat flt Th-230, pCi/L (62639)	Alpha radioac 72 hr, wat flt Th-230, pCi/L (62636)	Beta radioac 30 day, wat flt Cs-137, pCi/L (62645)	Beta radioac 72 hr, wat flt Cs-137, pCi/L (62642)	Ra-226, water, fltrd, radon method pCi/L (09511)	Ra-228, water, fltrd, pCi/L (81366)
390955119481501	08-31-04	<.5	<.5	<.5	<.5	--	--	--	--	--	--
391035119471501	08-31-04	<.5	<.5	<.5	<.5	5	6	9	2	.18	M
391113119471501	08-31-04	<.5	<.5	<.5	<.5	17	11	22	6	.40	M

Remark codes used in this table:

- < -- Less than
- E -- Estimated value
- M-- Presence verified, not quantified
- V -- Contamination

^a--Listed values are recovery percentages for the indicated compounds. These compounds are added to the sample to determine the relative recovery of other organic compounds that are detected using the same analytical method.

QUALITY OF GROUND WATER
NATIONAL WATER-QUALITY ASSESSMENT

Water-quality measurements in the following table were made quarterly as part of the National Water-Quality Assessment Program (NAWQA) Reno-Carson City Urban Land-Use study to monitor conditions in shallow ground water.

Depths and Water Levels: Depths are referenced to land-surface datum (LSD).

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Station number	Local identifier	Date	Time	Sample type	Depth of well, feet below LSD (72008)	Depth to water level, feet below LSD (72019)	Flow rate of well, gal/min (00058)	Turbidity, water, unfltrd field, NTU (61028)	Barometric pressure, mm Hg (00025)
390708119450301	N15 E20 32DADA1	12-17-03	1030	Environmental	140.	54.12	.50	22	648
		03-15-04	1100	Environmental	140.	52.35	<.50	21	647
		06-08-04	0900	Environmental	140.	54.50	.20	4.2	638
		09-07-04	0930	Environmental	140.	56.77	.20	7.0	643
391030119480701	N15 E19 12CCAA1	12-17-03	1330	Environmental	185.	144.30	.50	.4	639
		03-17-04	1200	Environmental	185.	145.76	.50	.5	636
		06-08-04	1200	Environmental	185.	145.46	.50	.5	629
		09-08-04	1145	Environmental	185.	146.17	.50	.2	635
391110119460602	N15 E20 08BBBB3	12-18-03	1215	Environmental	20.	6.21	.50	.3	647
		03-18-04	1000	Environmental	20.	4.90	.50	.5	641
		03-18-04	1030	Replicate	20.	--	.50	--	--
		06-09-04	1030	Environmental	20.	5.09	.50	.2	639
		09-07-04	1120	Blank	20.	--	--	--	--
		09-07-04	1215	Environmental	20.	5.86	.30	.5	643
		09-07-04	1245	Replicate	20.	5.86	.30	.2	643
391127119442501	N15 E20 04DBCD1	12-18-03	0930	Environmental	32.	13.75	.50	.3	648
		03-17-04	0815	Blank	32.	--	--	--	--
		03-17-04	0930	Environmental	32.	12.85	.50	.3	646
		06-09-04	0800	Environmental	32.	13.10	.50	.2	638
		09-08-04	0800	Blank	32.	--	--	--	--
392507119462001	N18 E20 19AABA1	09-08-04	0900	Environmental	32.	13.15	.50	.2	644
		12-16-03	1330	Environmental	139.	136.84	.50	2.0	648
		03-16-04	0900	Environmental	139.	136.65	.50	1.5	649
392918119464901	N19 E20 30BADD1	12-15-03	1345	Environmental	21.	5.32	.50	.2	655
		03-16-04	1100	Environmental	21.	4.31	.50	.9	655
		06-07-04	0830	Environmental	21.	4.92	.50	.2	642
		09-13-04	0845	Environmental	21.	5.90	.50	.2	647
393050119552401	N19 E18 14ACBC1	12-16-03	1000	Environmental	24.	15.21	.08	8.6	648
393108119415102	N19 E20 14AAAC2	12-15-03	1130	Environmental	26.	16.93	.08	3.0	655
		06-10-04	0900	Environmental	26.	15.39	.20	1.1	650
		09-14-04	0900	Environmental	26.	16.54	.20	26	650

QUALITY OF GROUND WATER
NATIONAL WATER-QUALITY ASSESSMENT—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Station number	Date	Dis- solved oxygen, mg/L (00300)	Dis- solved oxygen, percent of sat- uration (00301)	pH, water, unfltrd field, std units (00400)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Temper- ature, air, deg C (00020)	Temper- ature, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)	Magnes- ium, water, fltrd, mg/L (00925)	Potas- sium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	Alka- linity, wat tit inc tit field, mg/L as CaCO3 (39086)
390708119450301	12-17-03	.7	8	7.2	550	2.5	11.7	51.0	15.0	1.76	65.6	194
	03-15-04	1.2	14	6.9	556	28.0	16.0	43.6	13.2	1.64	55.4	177
	06-08-04	2.5	30	6.9	500	18.0	15.7	42.6	12.5	1.72	49.5	165
391030119480701	09-07-04	2.8	34	7.0	500	17.0	16.5	44.6	13.3	1.70	46.8	174
	12-17-03	3.7	41	7.3	242	10.0	11.8	34.5	5.09	2.31	15.9	128
	03-17-04	3.7	44	7.1	261	23.0	14.6	33.4	4.97	2.25	15.7	124
391110119460602	06-08-04	3.5	42	7.1	265	25.0	14.5	34.2	4.80	2.39	15.6	122
	09-08-04	3.6	44	7.0	273	26.0	16.0	32.5	4.68	2.19	15.2	125
	12-18-03	.2	2	7.1	941	19.0	17.6	82.1	23.8	1.34	126	466
	03-18-04	.3	4	7.0	985	15.0	15.9	82.8	25.4	1.33	126	467
	03-18-04	--	--	--	--	--	--	83.8	25.0	1.31	125	--
	06-09-04	.1	2	7.1	991	21.0	17.0	75.6	22.9	1.38	127	470
	09-07-04	--	--	--	--	--	--	.02	<.008	<.16	<.10	--
	09-07-04	.3	4	7.0	1,030	37.0	25.0	75.3	21.9	1.54	133	469
	09-07-04	.3	5	7.0	1,030	37.0	27.2	75.5	22.1	1.62	135	469
	391127119442501	12-18-03	6.0	70	7.4	934	1.0	14.7	80.6	23.2	3.60	98.2
03-17-04		--	--	--	--	--	--	.02	<.008	<.16	<.10	--
03-17-04		5.5	68	7.3	1,080	21.0	17.6	94.2	27.5	3.93	119	273
06-09-04		5.4	64	7.4	1,100	10.0	14.9	85.6	25.7	3.80	111	270
09-08-04		--	--	--	--	--	--	--	--	--	--	--
392507119462001	09-08-04	6.0	73	7.2	1,040	15.0	16.4	79.1	24.5	3.56	100	250
	12-16-03	6.9	75	7.0	233	6.0	11.8	22.4	12.8	6.23	11.9	115
	03-16-04	6.4	72	6.5	235	16.0	13.2	20.0	11.5	5.69	11.1	113
392918119464901	12-15-03	.9	11	7.0	1,080	3.0	16.2	122	24.9	13.2	115	373
	03-16-04	.8	10	6.8	1,220	15.0	18.0	129	26.2	12.9	119	396
	06-07-04	.8	10	6.8	1,190	25.0	17.1	120	24.3	12.6	112	387
393050119552401	09-13-04	.7	9	6.9	1,200	20.0	17.0	120	25.6	12.7	108	393
	12-16-03	3.6	42	6.8	1,540	4.0	14.8	192	47.6	5.31	66.4	214
393108119415102	12-15-03	4.1	47	8.4	651	14.0	14.8	5.59	1.70	2.06	143	159
	06-10-04	3.7	43	8.1	689	14.0	15.2	5.41	1.55	1.98	143	147
	09-14-04	3.4	41	8.2	673	14.0	16.0	5.09	1.40	1.92	132	142

QUALITY OF GROUND WATER
NATIONAL WATER-QUALITY ASSESSMENT—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Station number	Date	Bicarbonate, wat flt incrm. titr., field, mg/L (00453)	Bromide water, fltrd, mg/L (71870)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue on evap. at 180degC wat flt mg/L (70300)	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)	Orthophosphate, water, fltrd, mg/L as P (00671)	
390708119450301	12-17-03	237	.16	17.4	.2	53.8	83.9	416	<.04	3.61	.030	.414	
	03-15-04	216	.15	15.5	.2	53.8	62.0	373	<.04	3.50	<.008	.375	
	06-08-04	201	.17	15.4	.2	55.7	47.4	358	<.04	3.46	E.007	.289	
	09-07-04	212	.16	16.0	.3	59.3	40.1	332	<.04	3.61	E.006	.310	
391030119480701	12-17-03	156	.03	1.44	<.2	23.2	5.4	162	<.04	.35	<.008	.009	
	03-17-04	151	.04	2.12	<.2	22.5	5.5	164	<.04	.38	<.008	.010	
	06-08-04	148	.03	1.89	<.2	24.2	5.3	166	<.04	.39	E.006	.008	
391110119460602	09-08-04	152	.02	1.69	<.2	24.2	4.2	158	<.04	.38	<.008	.009	
	12-18-03	568	.15	48.3	.2	59.7	24.7	641	<.04	.25	<.008	.504	
	03-18-04	570	.13	46.3	.2	55.2	21.5	642	<.04	.37	<.008	.375	
	03-18-04	--	.13	47.4	.2	55.5	22.1	640	<.04	.38	<.008	.381	
	06-09-04	573	E.16	46.4	.2	59.3	20.4	642	<.04	.50	<.008	.392	
	09-07-04	--	<.02	<.20	<.2	<.04	<.2	<.10	--	--	--	--	
	09-07-04	572	.13	42.0	.3	68.1	19.7	643	<.04	.72	<.008	.321	
	09-07-04	572	.12	42.3	.3	68.0	19.9	644	--	--	--	--	
	391127119442501	12-18-03	315	.83	64.6	.5	56.9	84.4	625	<.04	19.1	<.008	.077
		03-17-04	--	E.01	<.20	<.2	<.04	<.2	<.10	<.04	<.06	<.008	<.006
03-17-04		333	.88	72.1	.5	56.4	99.9	694	<.04	25.4	<.008	.083	
06-09-04		329	.99	76.3	.5	58.5	99.8	678	<.04	22.5	<.008	--	
09-08-04		--	--	--	--	--	--	--	--	--	--	--	
392507119462001	09-08-04	304	.81	64.5	.5	59.3	87.5	649	<.04	21.1	<.008	.074	
	12-16-03	140	E.01	3.74	<.2	55.1	4.7	184	<.04	.76	<.008	.072	
	03-16-04	138	.02	3.52	<.2	55.7	5.1	183	<.04	.74	<.008	.078	
392918119464901	12-15-03	455	.32	45.2	.5	83.6	183	676	<.04	2.69	<.008	.024	
	03-16-04	483	.34	46.8	.5	81.9	197	768	<.04	2.69	<.008	.026	
	06-07-04	473	.35	46.8	.4	86.6	180	724	<.04	2.88	<.008	.023	
393050119552401	09-13-04	480	.41	46.5	.4	86.1	190	785	<.04	2.73	<.008	.023	
	12-16-03	261	.15	193	<.2	49.7	216	892	<.04	6.72	<.008	.128	
393108119415102	12-15-03	194	.16	52.0	2.4	29.0	99.8	439	<.04	.74	<.008	.131	
	06-10-04	179	.17	49.9	2.2	28.1	92.6	417	<.04	.69	<.008	.117	
	09-14-04	172	.17	51.5	2.2	28.8	98.1	420	<.04	.72	<.008	.092	

QUALITY OF GROUND WATER
NATIONAL WATER-QUALITY ASSESSMENT—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Station number	Date	Iron, water, fltrd, ug/L (01046)	Lead, water, fltrd, ug/L (01049)	Lithium water, fltrd, ug/L (01130)	Mangan- ese, water, fltrd, ug/L (01056)	Molyb- denum, water, fltrd, ug/L (01060)	Nickel, water, fltrd, ug/L (01065)	Selen- ium, water, fltrd, ug/L (01145)	Silver, water, fltrd, ug/L (01075)	Stront- ium, water, fltrd, ug/L (01080)	Thall- ium, water, fltrd, ug/L (01057)	Vanad- ium, water, fltrd, ug/L (01085)
390708119450301	12-17-03	<6	--	--	6.7	--	--	--	--	--	--	--
	03-15-04	<6	--	--	1.0	--	--	--	--	--	--	--
	06-08-04	<6	<.08	9.9	1.1	3.9	1.38	.8	<.2	505	<.04	6.2
391030119480701	09-07-04	<6	--	--	E.6	--	--	--	--	--	--	--
	12-17-03	<6	--	--	<.8	--	--	--	--	--	--	--
	03-17-04	<6	--	--	<.8	--	--	--	--	--	--	--
391110119460602	06-08-04	<6	<.08	4.9	E.2	1.8	.56	E.3	<.2	223	<.04	1.5
	09-08-04	<6	--	--	<.8	--	--	--	--	--	--	--
	12-18-03	<6	--	--	26.5	--	--	--	--	--	--	--
	03-18-04	<6	--	--	28.3	--	--	--	--	--	--	--
	03-18-04	<6	--	--	26.1	--	--	--	--	--	--	--
	06-09-04	8	<.08	38.6	34.0	6.6	2.05	<.4	<.2	897	<.04	30.3
	09-07-04	<6	--	--	E.5	--	--	--	--	--	--	--
09-07-04	<6	--	--	35.9	--	--	--	--	--	--	--	
09-07-04	E4	--	--	35.0	--	--	--	--	--	--	--	
391127119442501	12-18-03	<6	--	--	<.8	--	--	--	--	--	--	--
	03-17-04	<6	--	--	.8	--	--	--	--	--	--	--
	03-17-04	<6	--	--	1.1	--	--	--	--	--	--	--
	06-09-04	<6	<.08	3.1	E.2	14.3	1.29	2.8	<.2	903	<.04	17.6
	09-08-04	--	--	--	--	--	--	--	--	--	--	--
392507119462001	09-08-04	<6	--	--	<.8	--	--	--	--	--	--	--
	12-16-03	<6	--	--	E.6	--	--	--	--	--	--	--
	03-16-04	<6	--	--	<.8	--	--	--	--	--	--	--
392918119464901	12-15-03	<6	--	--	E.7	--	--	--	--	--	--	--
	03-16-04	<6	--	--	4.2	--	--	--	--	--	--	--
393050119552401	06-07-04	<6	<.08	132	.7	5.9	2.43	.6	<.2	1,420	<.04	6.1
	09-13-04	<6	--	--	E.5	--	--	--	--	--	--	--
	12-16-03	<6	--	--	5.8	--	--	--	--	--	--	--
393108119415102	12-15-03	<6	--	--	<.8	--	--	--	--	--	--	--
	06-10-04	<6	<.08	12.7	<.2	7.3	.12	.6	<.2	84.7	<.04	24.6
	09-14-04	<6	--	--	<.8	--	--	--	--	--	--	--

QUALITY OF GROUND WATER
NATIONAL WATER-QUALITY ASSESSMENT—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Station number	Date	1,1,1,2-Tetrachloroethane, water, unfltrd ug/L (77562)	1,1,1-Tri-chloroethane, water, unfltrd ug/L (34506)	1,1,2,2-Tetra-chloroethane, water, unfltrd ug/L (34516)	CFC-113 water unfltrd ug/L (77652)	1,1,2-Tri-chloroethane, water, unfltrd ug/L (34511)	1,1-Di-chloroethane, water, unfltrd ug/L (34496)	1,1-Di-chloroethene, water, unfltrd ug/L (34501)	1,1-Di-chloro-propene water unfltrd ug/L (77168)	1,2,3,4 Tetra-methyl-benzene water unfltrd ug/L (49999)	1,2,3,5 Tetra-methyl-benzene water unfltrd ug/L (50000)	1,2,3-Tri-chloro-benzene water unfltrd ug/L (77613)
390708119450301	12-17-03	<.03	<.03	<.16	<.04	<.06	<.04	<.02	<.03	<.1	<.1	<.3
	03-15-04	<.03	<.03	<.16	<.04	<.06	<.04	<.02	<.03	<.1	<.1	<.3
	06-08-04	<.03	<.03	<.16	<.04	<.06	<.04	<.02	<.03	<.1	<.1	<.3
	09-07-04	<.03	<.03	<.16	<.04	<.06	<.04	<.02	<.03	<.1	<.1	<.3
391030119480701	12-17-03	<.03	<.03	<.16	<.04	<.06	<.04	<.02	<.03	<.1	<.1	<.3
	03-17-04	<.03	<.03	<.16	<.04	<.06	<.04	<.02	<.03	<.1	<.1	<.3
	06-08-04	<.03	<.03	<.16	<.04	<.06	<.04	<.02	<.03	<.1	<.1	<.3
	09-08-04	<.03	<.03	<.16	<.04	<.06	<.04	<.02	<.03	<.1	<.1	<.3
391110119460602	12-18-03	<.03	<.03	<.16	<.04	<.06	<.04	<.02	<.03	<.1	<.1	<.3
	03-18-04	<.03	<.03	<.16	<.04	<.06	<.04	<.02	<.03	<.1	<.1	<.3
	03-18-04	<.03	<.03	<.16	<.04	<.06	<.04	<.02	<.03	<.1	<.1	<.3
	06-09-04	<.03	<.03	<.16	<.04	<.06	<.04	<.02	<.03	<.1	<.1	<.3
	09-07-04	--	--	--	--	--	--	--	--	--	--	--
	09-07-04	<.03	<.03	<.16	<.04	<.06	<.04	<.02	<.03	<.1	<.1	<.3
	09-07-04	--	--	--	--	--	--	--	--	--	--	--
	12-18-03	<.03	<.03	<.16	<.04	<.06	<.04	<.02	<.03	<.1	<.1	<.3
	03-17-04	--	--	--	--	--	--	--	--	--	--	--
	03-17-04	<.03	<.03	<.16	<.04	<.06	<.04	<.02	<.03	<.1	<.1	<.3
391127119442501	06-09-04	<.03	<.03	<.16	<.04	<.06	<.04	<.02	<.03	<.1	<.1	<.3
	09-08-04	<.03	<.03	<.16	<.04	<.06	<.04	<.02	<.03	<.1	<.1	<.3
	09-08-04	<.03	<.03	<.16	<.04	<.06	<.04	<.02	<.03	<.1	<.1	<.3
	09-08-04	<.03	<.03	<.16	<.04	<.06	<.04	<.02	<.03	<.1	<.1	<.3
392507119462001	09-08-04	<.03	<.03	<.16	<.04	<.06	<.04	<.02	<.03	<.1	<.1	<.3
	12-16-03	<.03	<.03	<.16	<.04	<.06	<.04	<.02	<.03	<.1	<.1	<.3
392918119464901	03-16-04	<.03	<.03	<.16	<.04	<.06	<.04	<.02	<.03	<.1	<.1	<.3
	12-15-03	<.03	<.03	<.16	<.04	<.06	<.04	<.02	<.03	<.1	<.1	<.3
393050119552401	03-16-04	<.03	<.03	<.16	<.04	<.06	<.04	<.02	<.03	<.1	<.1	<.3
	06-07-04	<.03	<.03	<.16	<.04	<.06	<.04	<.02	<.03	<.1	<.1	<.3
	09-13-04	<.03	<.03	<.16	<.04	<.06	<.04	<.02	<.03	<.1	<.1	<.3
	12-16-03	<.03	<.03	<.16	<.04	<.06	<.04	<.02	<.03	<.1	<.1	<.3
393108119415102	12-15-03	<.03	<.03	<.16	<.04	<.06	<.04	<.02	<.03	<.1	<.1	<.3
	06-10-04	<.03	<.03	<.16	<.04	<.06	<.04	<.02	<.03	<.1	<.1	<.3
	09-14-04	<.03	<.03	<.16	<.04	<.06	<.04	<.02	<.03	<.1	<.1	<.3

QUALITY OF GROUND WATER
NATIONAL WATER-QUALITY ASSESSMENT—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Station number	Date	1,2,3- Tri- chloro- propane water unfltrd ug/L (77443)	1,2,3- Tri- methyl- benzene water unfltrd ug/L (77221)	1,2,4- Tri- chloro- benzene water unfltrd ug/L (34551)	1,2,4- Tri- methyl- benzene water unfltrd ug/L (77222)	Dibromo- chloro- propane water unfltrd ug/L (82625)	1,2-Di- bromo- ethane, water, unfltrd ug/L (77651)	1,2-Di- chloro- benzene water unfltrd ug/L (34536)	1,2-Di- chloro- ethane, water, unfltrd ug/L (32103)	^a 1,2-Di- chloro- ethane- d4, sur Sch2090 wat unf pct rev (99832)	1,2-Di- chloro- propane water unfltrd ug/L (34541)	1,3,5- Tri- methyl- benzene water unfltrd ug/L (77226)
390708119450301	12-17-03	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	114	<.03	<.04
	03-15-04	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	116	<.03	<.04
	06-08-04	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	116	<.03	<.04
	09-07-04	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	110	<.03	<.04
391030119480701	12-17-03	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	113	<.03	<.04
	03-17-04	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	113	<.03	<.04
	06-08-04	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	104	<.03	<.04
	09-08-04	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	115	<.03	<.04
391110119460602	12-18-03	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	110	<.03	<.04
	03-18-04	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	105	<.03	<.04
	03-18-04	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	105	<.03	<.04
	06-09-04	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	120	<.03	<.04
	09-07-04	--	--	--	--	--	--	--	--	--	--	--
	09-07-04	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	109	<.03	<.04
	09-07-04	--	--	--	--	--	--	--	--	--	--	--
	09-07-04	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	109	<.03	<.04
391127119442501	12-18-03	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	109	<.03	<.04
	03-17-04	--	--	--	--	--	--	--	--	--	--	--
	03-17-04	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	112	<.03	<.04
	06-09-04	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	99.5	<.03	<.04
	09-08-04	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	115	<.03	<.04
392507119462001	09-08-04	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	114	<.03	<.04
	12-16-03	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	111	<.03	<.04
392918119464901	03-16-04	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	110	<.03	<.04
	12-15-03	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	118	<.03	<.04
393050119552401	03-16-04	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	114	<.03	<.04
	06-07-04	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	111	<.03	<.04
	09-13-04	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	116	<.03	<.04
	12-16-03	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	113	<.03	<.04
393108119415102	12-15-03	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	114	<.03	<.04
	06-10-04	<.18	<.1	<.1	E.03	<.5	<.04	<.05	<.1	108	<.03	<.04
	09-14-04	<.18	<.1	<.1	E.02	<.5	<.04	<.05	<.1	112	<.03	<.04

QUALITY OF GROUND WATER
NATIONAL WATER-QUALITY ASSESSMENT—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Station number	Date	1,3-Di-chloro-benzene water unfltrd ug/L (34566)	1,3-Di-chloro-propane water unfltrd ug/L (77173)	1,4-Di-chloro-benzene water unfltrd ug/L (34571)	¹⁴ Bromo fluoro-benzene surrog. VOC Sch wat unf pct rev (99834)	2,2-Di-chloro-propane water unfltrd ug/L (77170)	2-Chloro-toluene water unfltrd ug/L (77275)	2-Ethyl-toluene water unfltrd ug/L (77220)	3-Chloro-propene water unfltrd ug/L (78109)	4-Chloro-toluene water unfltrd ug/L (77277)	4-Iso-propyl-toluene water unfltrd ug/L (77356)	Acetone water unfltrd ug/L (81552)
390708119450301	12-17-03	<.03	<.1	<.03	73.3	<.05	<.04	<.06	<.50	<.05	<.08	<.6
	03-15-04	<.03	<.1	<.03	92.6	<.05	<.04	<.06	<.50	<.05	<.08	<.6
	06-08-04	<.03	<.1	<.03	98.4	<.05	<.04	<.06	<.50	<.05	<.08	<.6
391030119480701	09-07-04	<.03	<.1	<.03	103	<.05	<.04	<.06	<.50	<.05	<.08	<.6
	12-17-03	<.03	<.1	<.03	72.8	<.05	<.04	<.06	<.50	<.05	<.08	<.6
	03-17-04	<.03	<.1	<.03	91.4	<.05	<.04	<.06	<.50	<.05	<.08	<.6
391110119460602	06-08-04	<.03	<.1	<.03	92.8	<.05	<.04	<.06	<.50	<.05	<.08	<.6
	09-08-04	<.03	<.1	<.03	101	<.05	<.04	<.06	<.50	<.05	<.08	<.6
	12-18-03	<.03	<.1	<.03	79.3	<.05	<.04	<.06	<.50	<.05	<.08	<.6
	03-18-04	<.03	<.1	<.03	87.5	<.05	<.04	<.06	<.50	<.05	<.08	<.6
	03-18-04	<.03	<.1	<.03	91.6	<.05	<.04	<.06	<.50	<.05	<.08	<.6
	06-09-04	<.03	<.1	<.03	92.1	<.05	<.04	<.06	<.50	<.05	<.08	<.6
	09-07-04	--	--	--	--	--	--	--	--	--	--	--
	09-07-04	<.03	<.1	<.03	103	<.05	<.04	<.06	<.50	<.05	<.08	<.6
	09-07-04	--	--	--	--	--	--	--	--	--	--	--
	09-07-04	<.03	<.1	<.03	103	<.05	<.04	<.06	<.50	<.05	<.08	<.6
391127119442501	12-18-03	<.03	<.1	<.03	76.0	<.05	<.04	<.06	<.50	<.05	<.08	<.6
	03-17-04	--	--	--	--	--	--	--	--	--	--	--
	03-17-04	<.03	<.1	<.03	87.7	<.05	<.04	<.06	<.50	<.05	<.08	<.6
	06-09-04	<.03	<.1	<.03	92.1	<.05	<.04	<.06	<.50	<.05	<.08	<.6
	09-08-04	<.03	<.1	<.03	104	<.05	<.04	<.06	<.50	<.05	<.08	<.6
392507119462001	09-08-04	<.03	<.1	<.03	102	<.05	<.04	<.06	<.50	<.05	<.08	<.6
	12-16-03	<.03	<.1	<.03	82.7	<.05	<.04	<.06	<.50	<.05	<.08	<.6
392918119464901	03-16-04	<.03	<.1	<.03	90.7	<.05	<.04	<.06	<.50	<.05	<.08	<.6
	12-15-03	<.03	<.1	<.03	72.7	<.05	<.04	<.06	<.50	<.05	<.08	<.6
393050119552401	03-16-04	<.03	<.1	<.03	90.3	<.05	<.04	<.06	<.50	<.05	<.08	<.6
	06-07-04	<.03	<.1	<.03	95.2	<.05	<.04	<.06	<.50	<.05	<.08	<.6
	09-13-04	<.03	<.1	<.03	95.7	<.05	<.04	<.06	<.50	<.05	<.08	<.6
393108119415102	12-16-03	<.03	<.1	<.03	77.5	<.05	<.04	<.06	<.50	<.05	<.08	<.6
	12-15-03	<.03	<.1	<.03	75.9	<.05	<.04	<.06	<.50	<.05	<.08	<.6
	06-10-04	<.03	<.1	<.03	86.1	<.05	<.04	<.06	<.50	<.05	<.08	<.6
	09-14-04	<.03	<.1	<.03	73.3	<.05	<.04	<.06	<.50	<.05	<.08	<.6

QUALITY OF GROUND WATER
NATIONAL WATER-QUALITY ASSESSMENT—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Station number	Date	Acrylonitrile water unfltrd ug/L (34215)	Benzene water unfltrd ug/L (34030)	Bromo-benzene water unfltrd ug/L (81555)	Bromo-chloro-methane water unfltrd ug/L (77297)	Bromo-di-chloro-methane water unfltrd ug/L (32101)	Bromo-ethene, water, unfltrd ug/L (50002)	Bromo-methane water unfltrd ug/L (34413)	Carbon di-sulfide water unfltrd ug/L (77041)	Chloro-benzene water unfltrd ug/L (34301)	Chloro-ethane, water, unfltrd ug/L (34311)	Chloro-methane water unfltrd ug/L (34418)	
390708119450301	12-17-03	<1	<.02	<.03	<.12	<.03	<.1	<.3	<.04	<.03	<.1	<.2	
	03-15-04	<1	<.02	<.03	<.12	<.03	<.1	<.3	<.04	<.03	<.1	<.2	
	06-08-04	<1	<.02	<.03	<.12	<.03	<.1	<.3	<.04	<.03	<.1	<.2	
	09-07-04	<1	<.02	<.03	<.12	<.03	<.1	<.3	<.04	<.03	<.1	<.2	
391030119480701	12-17-03	<1	<.02	<.03	<.12	<.03	<.1	<.3	<.04	<.03	<.1	<.2	
	03-17-04	<1	<.02	<.03	<.12	<.03	<.1	<.3	<.04	<.03	<.1	<.2	
	06-08-04	<1	<.02	<.03	<.12	E.03	<.1	<.3	<.04	<.03	<.1	<.2	
391110119460602	09-08-04	<1	<.02	<.03	<.12	<.03	<.1	<.3	<.04	<.03	<.1	<.2	
	12-18-03	<1	<.02	<.03	<.12	<.03	<.1	<.3	<.04	<.03	<.1	<.2	
	03-18-04	<1	<.02	<.03	<.12	<.03	<.1	<.3	<.04	<.03	<.1	<.2	
	03-18-04	<1	<.02	<.03	<.12	<.03	<.1	<.3	<.04	<.03	<.1	<.2	
	06-09-04	<1	<.02	<.03	<.12	<.03	<.1	<.3	<.04	<.03	<.1	<.2	
	09-07-04	--	--	--	--	--	--	--	--	--	--	--	
	09-07-04	<1	<.02	<.03	<.12	<.03	<.1	<.3	<.04	<.03	<.1	<.2	
	09-07-04	--	--	--	--	--	--	--	--	--	--	--	
	391127119442501	12-18-03	<1	<.02	<.03	<.12	<.03	<.1	<.3	<.04	<.03	<.1	<.2
		03-17-04	--	--	--	--	--	--	--	--	--	--	--
03-17-04		<1	<.02	<.03	<.12	<.03	<.1	<.3	<.04	<.03	<.1	<.2	
06-09-04		<1	<.02	<.03	<.12	<.03	<.1	<.3	<.04	<.03	<.1	<.2	
09-08-04		<1	<.02	<.03	<.12	<.03	<.1	<.3	<.04	<.03	<.1	<.2	
09-08-04		<1	<.02	<.03	<.12	<.03	<.1	<.3	<.04	<.03	<.1	<.2	
392507119462001	09-08-04	<1	<.02	<.03	<.12	<.03	<.1	<.3	<.04	<.03	<.1	<.2	
	12-16-03	<1	<.02	<.03	<.12	.38	<.1	<.3	<.04	<.03	<.1	<.2	
392918119464901	03-16-04	<1	<.02	<.03	<.12	.22	<.1	<.3	<.04	<.03	<.1	<.2	
	12-15-03	<1	<.02	<.03	<.12	<.03	<.1	<.3	<.04	<.03	<.1	<.2	
	03-16-04	<1	<.02	<.03	<.12	<.03	<.1	<.3	<.04	<.03	<.1	<.2	
393050119552401	06-07-04	<1	<.02	<.03	<.12	<.03	<.1	<.3	<.04	<.03	<.1	<.2	
	09-13-04	<1	<.02	<.03	<.12	<.03	<.1	<.3	<.04	<.03	<.1	<.2	
	12-16-03	<1	<.02	<.03	<.12	<.03	<.1	<.3	<.04	<.03	<.1	<.2	
393108119415102	12-15-03	<1	<.02	<.03	<.12	<.03	<.1	<.3	<.04	<.03	<.1	<.2	
	06-10-04	<1	<.02	<.03	<.12	<.03	<.1	<.3	<.04	<.03	<.1	<.2	
	09-14-04	<1	<.02	<.03	<.12	<.03	<.1	<.3	<.04	<.03	<.1	<.2	

QUALITY OF GROUND WATER
NATIONAL WATER-QUALITY ASSESSMENT—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Station number	Date	cis-1,2-Di-chloro-ethene, water, unfltrd ug/L (77093)	cis-1,3-Di-chloro-propene water unfltrd ug/L (34704)	Di-bromo-chloro-methane water unfltrd ug/L (32105)	Di-bromo-methane water unfltrd ug/L (30217)	Di-chloro-di-fluoro-methane wat unf ug/L (34668)	Di-chloro-methane water unfltrd ug/L (34423)	Di-ethyl ether, water, unfltrd ug/L (81576)	Diiso-propyl ether, water, unfltrd ug/L (81577)	Ethyl methac-rylate, water, unfltrd ug/L (73570)	Ethyl methyl ketone, water, unfltrd ug/L (81595)	Ethyl-benzene water unfltrd ug/L (34371)
390708119450301	12-17-03	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.10	<.2	<.4.0	<.03
	03-15-04	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.10	<.2	<.4.0	<.03
	06-08-04	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.10	<.2	<.4.0	<.03
391030119480701	09-07-04	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.10	<.2	<.4.0	<.03
	12-17-03	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.10	<.2	<.4.0	<.03
	03-17-04	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.10	<.2	<.4.0	<.03
391110119460602	06-08-04	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.10	<.2	<.4.0	<.03
	09-08-04	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.10	<.2	<.4.0	<.03
	12-18-03	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.10	<.2	<.4.0	<.03
	03-18-04	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.10	<.2	<.4.0	<.03
	03-18-04	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.10	<.2	<.4.0	<.03
	06-09-04	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.10	<.2	<.4.0	<.03
	09-07-04	--	--	--	--	--	--	--	--	--	--	--
	09-07-04	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.10	<.2	<.4.0	<.03
	09-07-04	--	--	--	--	--	--	--	--	--	--	--
	09-07-04	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.10	<.2	<.4.0	<.03
391127119442501	12-18-03	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.10	<.2	<.4.0	<.03
	03-17-04	--	--	--	--	--	--	--	--	--	--	--
	03-17-04	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.10	<.2	<.4.0	<.03
	06-09-04	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.10	<.2	<.4.0	<.03
	09-08-04	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.10	<.2	<.4.0	<.03
392507119462001	09-08-04	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.10	<.2	<.4.0	<.03
	12-16-03	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.10	<.2	<.4.0	<.03
392918119464901	03-16-04	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.10	<.2	<.4.0	<.03
	12-15-03	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.10	<.2	<.4.0	<.03
393050119552401	03-16-04	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.10	<.2	<.4.0	<.03
	06-07-04	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.10	<.2	<.4.0	<.03
	09-13-04	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.10	<.2	<.4.0	<.03
	12-16-03	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.10	<.2	<.4.0	<.03
	12-15-03	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.10	<.2	<.4.0	<.03
393108119415102	06-10-04	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.10	<.2	<.4.0	<.03
	09-14-04	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.10	<.2	<.4.0	<.03

QUALITY OF GROUND WATER
NATIONAL WATER-QUALITY ASSESSMENT—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Station number	Date	Hexa- chloro- buta- diene, water, unfltrd ug/L (39702)	Hexa- chloro- ethane, water, unfltrd ug/L (34396)	Iodo- methane water unfltrd ug/L (77424)	Iso- butyl methyl ketone, water, unfltrd ug/L (78133)	Iso- propyl- benzene water unfltrd ug/L (77223)	Methyl acrylo- nitrile water unfltrd ug/L (81593)	Methyl acryl- ate, water, unfltrd ug/L (49991)	Methyl methac- rylate, water, unfltrd ug/L (81597)	Methyl tert- pentyl ether, water, unfltrd ug/L (50005)	meta- + para- Xylene, water, unfltrd ug/L (85795)	Naphth- alene, water, unfltrd ug/L (34696)
390708119450301	12-17-03	<.1	<.1	<.35	<.4	<.04	<.8	<2.0	<.3	<.08	<.06	<.5
	03-15-04	<.1	<.1	<.35	<.4	<.04	<.8	<2.0	<.3	<.08	<.06	<.5
	06-08-04	<.1	<.1	<.35	<.4	<.04	<.8	<2.0	<.3	<.08	<.06	<.5
	09-07-04	<.1	<.1	<.35	<.4	<.04	<.8	<2.0	<.3	<.08	<.06	<.5
391030119480701	12-17-03	<.1	<.1	<.35	<.4	<.04	<.8	<2.0	<.3	<.08	<.06	<.5
	03-17-04	<.1	<.1	<.35	<.4	<.04	<.8	<2.0	<.3	<.08	<.06	<.5
	06-08-04	<.1	<.1	<.35	<.4	<.04	<.8	<2.0	<.3	<.08	<.06	<.5
	09-08-04	<.1	<.1	<.35	<.4	<.04	<.8	<2.0	<.3	<.08	<.06	<.5
391110119460602	12-18-03	<.1	<.1	<.35	<.4	<.04	<.8	<2.0	<.3	<.08	<.06	<.5
	03-18-04	<.1	<.1	<.35	<.4	<.04	<.8	<2.0	<.3	<.08	<.06	<.5
	03-18-04	<.1	<.1	<.35	<.4	<.04	<.8	<2.0	<.3	<.08	<.06	<.5
	06-09-04	<.1	<.1	<.35	<.4	<.04	<.8	<2.0	<.3	<.08	<.06	<.5
	09-07-04	--	--	--	--	--	--	--	--	--	--	--
	09-07-04	<.1	<.1	<.35	<.4	<.04	<.8	<2.0	<.3	<.08	<.06	<.5
	09-07-04	--	--	--	--	--	--	--	--	--	--	--
	12-18-03	<.1	<.1	<.35	<.4	<.04	<.8	<2.0	<.3	<.08	<.06	<.5
	03-17-04	--	--	--	--	--	--	--	--	--	--	--
	03-17-04	<.1	<.1	<.35	<.4	<.04	<.8	<2.0	<.3	<.08	<.06	<.5
391127119442501	06-09-04	<.1	<.1	<.35	<.4	<.04	<.8	<2.0	<.3	<.08	<.06	<.5
	09-08-04	<.1	<.1	<.35	<.4	<.04	<.8	<2.0	<.3	<.08	<.06	<.5
	09-08-04	<.1	<.1	<.35	<.4	<.04	<.8	<2.0	<.3	<.08	<.06	<.5
	09-08-04	<.1	<.1	<.35	<.4	<.04	<.8	<2.0	<.3	<.08	<.06	<.5
	09-08-04	<.1	<.1	<.35	<.4	<.04	<.8	<2.0	<.3	<.08	<.06	<.5
392507119462001	09-08-04	<.1	<.1	<.35	<.4	<.04	<.8	<2.0	<.3	<.08	<.06	<.5
	12-16-03	<.1	<.1	<.35	<.4	<.04	<.8	<2.0	<.3	<.08	<.06	<.5
	03-16-04	<.1	<.1	<.35	<.4	<.04	<.8	<2.0	<.3	<.08	<.06	<.5
392918119464901	12-15-03	<.1	<.1	<.35	<.4	<.04	<.8	<2.0	<.3	<.08	<.06	<.5
	03-16-04	<.1	<.1	<.35	<.4	<.04	<.8	<2.0	<.3	<.08	<.06	<.5
	06-07-04	<.1	<.1	<.35	<.4	<.04	<.8	<2.0	<.3	<.08	<.06	<.5
393050119552401	09-13-04	<.1	<.1	<.35	<.4	<.04	<.8	<2.0	<.3	<.08	<.06	<.5
	12-16-03	<.1	<.1	<.35	<.4	<.04	<.8	<2.0	<.3	<.08	<.06	<.5
	12-15-03	<.1	<.1	<.35	<.4	<.04	<.8	<2.0	<.3	<.08	<.06	<.5
393108119415102	06-10-04	<.1	<.1	<.35	<.4	<.04	<.8	<2.0	<.3	<.08	<.06	<.5
	09-14-04	<.1	<.1	<.35	<.4	<.04	<.8	<2.0	<.3	<.08	<.06	<.5

QUALITY OF GROUND WATER
NATIONAL WATER-QUALITY ASSESSMENT—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Station number	Date	Methyl n-butyl ketone, water, unfltrd ug/L (77103)	n-Butyl benzene water unfltrd ug/L (77342)	n- propyl- benzene water unfltrd ug/L (77224)	o- Xylene, water, unfltrd ug/L (77135)	sec- Butyl- benzene water unfltrd ug/L (77350)	Styrene water unfltrd ug/L (77128)	t-Butyl ethyl ether, water, unfltrd ug/L (50004)	Methyl t-butyl ether, water, unfltrd ug/L (78032)	tert- Butyl- benzene water unfltrd ug/L (77353)	Tetra- chloro- ethene, water, unfltrd ug/L (34475)	Tetra- chloro- methane water unfltrd ug/L (32102)
390708119450301	12-17-03	<.7	<.1	<.04	<.04	<.06	<.04	<.05	<.2	<.06	<.06	<.06
	03-15-04	<.7	<.1	<.04	<.04	<.06	<.04	<.05	<.2	<.06	<.06	<.06
	06-08-04	<.7	<.1	<.04	<.04	<.06	<.04	<.05	<.2	<.06	<.06	<.06
391030119480701	09-07-04	<.7	<.1	<.04	<.04	<.06	<.04	<.05	<.2	<.06	<.06	<.06
	12-17-03	<.7	<.1	<.04	<.04	<.06	<.04	<.05	<.2	<.06	<.06	<.06
	03-17-04	<.7	<.1	<.04	<.04	<.06	<.04	<.05	<.2	<.06	E.02	<.06
391110119460602	06-08-04	<.7	<.1	<.04	<.04	<.06	<.04	<.05	<.2	<.06	E.02	<.06
	09-08-04	<.7	<.1	<.04	<.04	<.06	<.04	<.05	<.2	<.06	E.02	<.06
	12-18-03	<.7	<.1	<.04	<.04	<.06	<.04	<.05	.7	<.06	<.06	<.06
	03-18-04	<.7	<.1	<.04	<.04	<.06	<.04	<.05	.4	<.06	<.06	<.06
	03-18-04	<.7	<.1	<.04	<.04	<.06	<.04	<.05	.5	<.06	<.06	<.06
	06-09-04	<.7	<.1	<.04	<.04	<.06	<.04	<.05	.3	<.06	<.06	<.06
	09-07-04	--	--	--	--	--	--	--	--	--	--	--
	09-07-04	<.7	<.1	<.04	<.04	<.06	<.04	<.05	E.2	<.06	<.06	<.06
391127119442501	09-07-04	--	--	--	--	--	--	--	--	--	--	--
	12-18-03	<.7	<.1	<.04	<.04	<.06	<.04	<.05	<.2	<.06	<.06	<.06
	03-17-04	--	--	--	--	--	--	--	--	--	--	--
	03-17-04	<.7	<.1	<.04	<.04	<.06	<.04	<.05	<.2	<.06	<.06	<.06
	06-09-04	<.7	<.1	<.04	<.04	<.06	<.04	<.05	<.2	<.06	<.06	<.06
392507119462001	09-08-04	<.7	<.1	<.04	<.04	<.06	<.04	<.05	<.2	<.06	<.06	<.06
	12-16-03	<.7	<.1	<.04	<.04	<.06	<.04	<.05	<.2	<.06	<.06	<.06
	03-16-04	<.7	<.1	<.04	<.04	<.06	<.04	<.05	<.2	<.06	<.06	<.06
392918119464901	12-15-03	<.7	<.1	<.04	<.04	<.06	<.04	<.05	E.1	<.06	E.03	<.06
	03-16-04	<.7	<.1	<.04	<.04	<.06	<.04	<.05	E.1	<.06	E.03	<.06
	06-07-04	<.7	<.1	<.04	<.04	<.06	<.04	<.05	E.1	<.06	E.04	<.06
393050119552401	09-13-04	<.7	<.1	<.04	<.04	<.06	<.04	<.05	E.1	<.06	E.03	<.06
	12-16-03	<.7	<.1	<.04	<.04	<.06	<.04	<.05	<.2	<.06	<.06	<.06
393108119415102	12-15-03	<.7	<.1	<.04	<.04	<.06	<.04	<.05	<.2	<.06	E.01	<.06
	06-10-04	<.7	<.1	<.04	<.04	<.06	E.02	<.05	<.2	<.06	E.03	<.06
	09-14-04	<.7	<.1	<.04	<.04	<.06	E.01	<.05	<.2	<.06	E.03	<.06

QUALITY OF GROUND WATER
NATIONAL WATER-QUALITY ASSESSMENT—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Station number	Date	Tetrahydrofuran, water, unfltrd ug/L (81607)	Toluene water unfltrd ug/L (34010)	^a Toluene-d8, surrog, Sch2090 wat unfltrd percent recovry (99833)	trans-1,2-Dichloroethene, water, unfltrd ug/L (34546)	trans-1,3-Dichloropropene water unfltrd ug/L (34699)	trans-1,4-Dichloro-2-butene, wat unfltrd ug/L (73547)	Tri-bromo-methane water unfltrd ug/L (32104)	Tri-chloro-ethene, water, unfltrd ug/L (39180)	Tri-chloro-fluoro-methane water unfltrd ug/L (34488)	Tri-chloro-methane water unfltrd ug/L (32106)	Vinyl chloride, water, unfltrd ug/L (39175)
390708119450301	12-17-03	<2	.53	97.0	<.03	<.09	<.7	<.10	<.04	<.16	E.02	<.1
	03-15-04	<2	.16	97.2	<.03	<.09	<.7	<.10	<.04	<.16	E.02	<.1
	06-08-04	<2	E.02	104	<.03	<.09	<.7	<.10	<.04	<.16	<.02	<.1
	09-07-04	<2	.18	101	<.03	<.09	<.7	<.10	<.04	<.16	<.02	<.1
391030119480701	12-17-03	<2	<.05	95.3	<.03	<.09	<.7	<.10	<.04	<.16	1.39	<.1
	03-17-04	<2	<.05	94.9	<.03	<.09	<.7	<.10	<.04	<.16	1.46	<.1
	06-08-04	<2	<.05	99.2	<.03	<.09	<.7	<.10	<.04	<.16	1.40	<.1
	09-08-04	<2	<.05	102	<.03	<.09	<.7	<.10	<.04	<.16	1.55	<.1
391110119460602	12-18-03	M	<.05	96.1	<.03	<.09	<.7	<.10	<.04	<.16	<.02	<.1
	03-18-04	M	E.01	98.8	<.03	<.09	<.7	<.10	<.04	<.16	<.02	<.1
	03-18-04	M	E.01	98.9	<.03	<.09	<.7	<.10	<.04	<.16	<.02	<.1
	06-09-04	<2	<.05	102	<.03	<.09	<.7	<.10	<.04	<.16	<.02	<.1
	09-07-04	--	--	--	--	--	--	--	--	--	--	--
	09-07-04	<2	.18	99.2	<.03	<.09	<.7	<.10	<.04	<.16	<.02	<.1
	09-07-04	--	--	--	--	--	--	--	--	--	--	--
	12-18-03	<2	<.05	96.8	<.03	<.09	<.7	<.10	<.04	<.16	<.02	<.1
	03-17-04	--	--	--	--	--	--	--	--	--	--	--
	03-17-04	<2	E.01	96.1	<.03	<.09	<.7	<.10	<.04	<.16	<.02	<.1
391127119442501	06-09-04	<2	<.05	93.2	<.03	<.09	<.7	<.10	<.04	<.16	<.02	<.1
	09-08-04	<2	.13	103	<.03	<.09	<.7	<.10	<.04	<.16	<.02	<.1
	09-08-04	<2	E.05	101	<.03	<.09	<.7	<.10	<.04	<.16	<.02	<.1
	12-16-03	<2	<.05	97.9	<.03	<.09	<.7	<.10	<.04	<.16	2.70	<.1
392507119462001	03-16-04	<2	E.01	96.5	<.03	<.09	<.7	<.10	<.04	<.16	1.62	<.1
	12-15-03	<2	<.05	96.7	<.03	<.09	<.7	<.10	<.04	<.16	.18	<.1
392918119464901	03-16-04	<2	E.01	95.5	<.03	<.09	<.7	<.10	<.04	<.16	.21	<.1
	06-07-04	<2	E.01	103	<.03	<.09	<.7	<.10	<.04	<.16	.23	<.1
393050119552401	09-13-04	<2	E.07	98.2	<.03	<.09	<.7	<.10	<.04	<.16	.19	<.1
	12-16-03	<2	E.03	96.8	<.03	<.09	<.7	<.10	<.04	<.16	1.35	<.1
393108119415102	12-15-03	<2	E.03	96.6	<.03	<.09	<.7	<.10	<.04	<.16	E.03	<.1
	06-10-04	<2	<.05	98.4	<.03	<.09	<.7	<.10	<.04	<.16	<.02	<.1
	09-14-04	<2	.28	96.2	<.03	<.09	<.7	<.10	<.04	<.16	<.02	<.1

QUALITY OF GROUND WATER
NATIONAL WATER-QUALITY ASSESSMENT—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Station number	Date	Alpha radioac 30 day, wat flt Th-230, pCi/L (62639)	Alpha radioac 72 hr, wat flt Th-230, pCi/L (62636)	Beta radioac 30 day, wat flt Cs-137, pCi/L (62645)	Beta radioac 72 hr, wat flt Cs-137, pCi/L (62642)	Ra-226, water, fltrd, radon method pCi/L (09511)	Ra-228, water, fltrd, pCi/L (81366)	Uranium natural water, fltrd, ug/L (22703)
390708119450301	12-17-03	--	--	--	--	--	--	--
	03-15-04	--	--	--	--	--	--	--
	06-08-04	--	--	--	--	--	--	30.7
391030119480701	09-07-04	7	11	11	2	.16	M	--
	12-17-03	--	--	--	--	--	--	--
	03-17-04	--	--	--	--	--	--	--
391110119460602	06-08-04	--	--	--	--	--	--	9.21
	09-08-04	1	2	5	2	.03	M	--
	12-18-03	--	--	--	--	--	--	--
	03-18-04	--	--	--	--	--	--	--
	03-18-04	--	--	--	--	--	--	--
	06-09-04	--	--	--	--	--	--	1,280
	09-07-04	--	--	--	--	--	--	--
391127119442501	09-07-04	258	654	461	36	.43	M	--
	09-07-04	--	--	--	--	--	--	--
	12-18-03	--	--	--	--	--	--	--
	03-17-04	--	--	--	--	--	--	--
	03-17-04	--	--	--	--	--	--	--
	06-09-04	--	--	--	--	--	--	58.2
392507119462001	09-08-04	15	12	22	8	.23	M	--
	12-16-03	--	--	--	--	--	--	--
	03-16-04	--	--	--	--	--	--	--
392918119464901	12-15-03	--	--	--	--	--	--	--
	03-16-04	--	--	--	--	--	--	--
393050119552401	06-07-04	--	--	--	--	--	--	54.9
	09-13-04	15	21	33	16	.09	M	--
	12-16-03	--	--	--	--	--	--	--
393108119415102	12-15-03	--	--	--	--	--	--	--
	06-10-04	--	--	--	--	--	--	.60
	09-14-04	M	M	3	2	.07	M	--

Remark codes used in this table:

- < -- Less than
- E -- Estimated value
- M-- Presence verified, not quantified

^a -- Listed values are recovery percentages for the indicated compounds. These compounds are added to the sample to determine the relative recovery of other organic compounds that are detected using the same analytical method.

QUALITY OF WATER

NEWLANDS SHALLOW AQUIFER MONITORING PROJECT

Water-quality measurements in the following table were made in cooperation with Churchill County to monitor changes in water-quality to provide data for evaluating the effects of changes in water use.

Depths and Water Levels: Depths are referenced to land-surface datum (LSD).

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Station number	Date	Time	Sample type	Depth of well, feet below LSD (72008)	Depth to water level, feet below LSD (72019)	Flow rate, instantaneous gal/min (00059)	Barometric pressure, mm Hg (00025)	Dis-solved oxygen, mg/L (00300)	Dis-solved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unfltrd uS/cm 25 degC (00095)
392132118411002	01-21-04	1330	Environmental	30.	1.00	.10	672	.3	87	7.5	47,200
	09-14-04	1000	Environmental	30.	2.23	.10	660	--	--	7.9	34,900
392132118411004	01-26-04	1130	Environmental	15.	1.50	.10	665	--	89	7.6	23,500
	09-16-04	1030	Environmental	15.	--	.20	665	--	--	7.8	18,600
393003118402001	01-14-04	1300	Environmental	12.	5.34	.10	669	.4	4	7.4	1,130
	09-15-04	1000	Environmental	12.	--	.10	665	.9	11	7.2	1,090
393004118514201	01-12-04	1300	Environmental	29.	--	.10	666	--	--	7.6	308
	09-13-04	1300	Environmental	29.	13.78	.10	660	3.5	45	7.1	329
393006118515101	01-12-04	1100	Environmental	24.	--	.10	666	--	--	8.7	416
	09-13-04	1000	Environmental	24.	--	.20	660	1.7	21	8.3	446
393052118333501	01-14-04	1100	Environmental	12.	4.55	.05	669	--	--	6.9	1,510
	09-14-04	1300	Environmental	12.	--	.05	660	--	--	6.7	1,590
393458118431101	01-20-04	1130	Environmental	12.	--	.01	666	--	--	7.5	10,700

Date	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	Alkalinity, wat flt inc tit field, mg/L as CaCO3 (39086)	Bicarbonate, wat flt incm. titr., mg/L (00453)	Bromide water, fltrd, mg/L (71870)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)
01-21-04	5.0	14.3	330	1,320	370	14,000	596	727	43.2	18,700	1.0	23.8
09-14-04	15.0	16.0	332	1,370	380	14,300	610	744	<.02	18,100	1.0	27.2
01-26-04	.0	13.0	293	632	147	6,420	341	416	17.3	7,760	.7	36.8
09-16-04	--	16.0	294	642	146	6,030	346	422	17.5	7,770	.7	39.7
01-14-04	12.0	13.9	34.4	9.53	11.5	217	382	466	.06	50.4	.6	47.7
09-15-04	19.0	17.0	28.3	7.46	12.3	241	360	439	.07	54.6	.8	52.0
01-12-04	12.0	17.0	17.9	5.12	6.31	37.6	94	116	.05	14.3	.3	28.5
09-13-04	26.0	20.0	16.8	4.44	6.18	46.2	92	112	.04	14.3	.4	32.1
01-12-04	10.0	18.0	.64	.068	3.05	97.8	153	183	.03	9.96	.4	33.9
09-13-04	17.0	17.7	.64	.065	3.55	116	144	175	.04	10.9	.4	37.4
01-14-04	12.0	13.0	101	29.5	11.2	248	501	611	.11	98.1	1.1	41.2
09-14-04	17.0	17.0	101	29.8	13.8	268	518	631	.08	95.0	1.1	50.3
01-20-04	9.0	12.0	178	139	42.1	2,720	823	1,000	1.95	1,450	1.8	65.0

Date	Sulfate water, fltrd, mg/L (00945)	Residue on evap. at water, wat flt 180degC mg/L (70300)	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)	Ortho-phosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, fltrd, mg/L (00666)	Total nitrogen, wat flt by analysis, mg/L (62854)	Iron, water, fltrd, ug/L (01046)	Manganese, water, fltrd, ug/L (01056)
01-21-04	10,300	46,500	.83	<.06	<.008	.47	.32	2.14	<480	400
09-14-04	9,890	45,200	.83	<.06	<.008	.440	.45	2.16	<320	388
01-26-04	4,720	20,600	.64	<.06	<.008	.312	.20	1.34	591	504
09-16-04	5,010	20,900	1.03	<.06	<.008	.300	.22	1.88	339	477
01-14-04	146	754	<.04	1.03	.047	.165	.155	1.37	E5	42.9
09-15-04	141	757	.05	.40	.085	.136	.109	1.01	9	93.6
01-12-04	35.8	201	<.04	.60	<.008	.182	.186	.66	17	E.4
09-13-04	33.0	204	<.04	.44	E.006	.369	.36	.52	21	1.0
01-12-04	37.4	292	<.04	.14	<.008	.844	.81	.18	26	E.6
09-13-04	37.9	304	.05	<.06	E.006	.738	.76	.79	34	E.5
01-14-04	218	1,030	.11	<.06	<.008	.576	.61	.70	1,280	740
09-14-04	183	1,020	.18	<.06	<.008	.490	1.12	.84	1,230	752
01-20-04	3,750	8,950	<.04	<.06	<.008	.49	.33	1.23	<64	1,010

Remark codes used in this table:

- < -- Less than
- E -- Estimated value

GROUND-WATER LEVELS

NEWLANDS SHALLOW AQUIFER MONITORING PROJECT

Water-level data were collected in the Fallon area as part of a cooperative study with Churchill County. The purpose of the study is to provide data for future studies in the area and determine the hydrologic response to changes in seasonal recharge and to changes in water use.

Water Levels--Levels above LSD are listed as negative values.

Water Level Status--D, Site was dry (no water level was recorded); N, discontinued.

Water Level Method--S, steel tape; T, electric tape..

Local Well No	Site Identification	Well Depth (Feet)	Elevation (Feet) Above Sea Level)	Water Level (Below Land Surface)			
				Date	(Feet)	Status	Method
101 N16 E28 01AAAA2	391705118465402	27.	3910.95	01/21/2004	26.5		T
				03/10/2004	26.5		T
				06/21/2004	26.8		T
				09/20/2004	26.9		T
101 N17 E28 13DAA 1	392008118465501	17.	3918.04	10/07/2003	8.10		S
				11/18/2003	7.99		S
				12/17/2003	8.09		S
				01/21/2004	8.25		S
				02/19/2004	8.23		S
				03/10/2004	8.08		S
				08/24/2004	9.09		S
				09/20/2004	9.17		S
101 N17 E29 05BCAA1	392208118452701	28.	3927.67	12/17/2003	7.4		T
				03/10/2004	7.8		T
				06/21/2004	6.8		T
				09/20/2004	6.5		T
101 N17 E29 12BBBB1	392132118411001	50.	3910.27	12/17/2003	1.7		T
				01/21/2004	1.8		T
				03/11/2004	0.91		S
				07/15/2004	1.4		T
				09/20/2004	2.2		T
101 N17 E29 12BBBB4	392132118411004	15.	3910.16	01/21/2004	1.8		T
				03/11/2004	0.86		S
				09/20/2004	2.4		T
101 N17 E29 19DDCC1	391853118455801	23.	3908.	12/17/2003	8.9		T
				03/10/2004	9.1		T
				06/21/2004	9.2		T
				09/20/2004	9.2		T
101 N18 E28 02BABB1	392735118484501	27.	3970.	12/17/2003	7.4		T
				03/10/2004	7.8		T
				06/21/2004	5.8		T
				09/20/2004	6.5		T
101 N18 E28 08DACB1	392609118513401	29.	3972.	12/17/2003	7.2		T
				03/10/2004	7.7		T
				06/21/2004	7.0		T
				09/20/2004	8.0		T
101 N18 E28 12ABAC1	392642118470901	15.	3960.	10/07/2003	6.7		T
				11/18/2003	6.9		T
				12/17/2003	7.4		T
				01/21/2004	7.6		T
				02/19/2004	7.8		T
				03/10/2004	7.8		T
				04/05/2004	7.9		T
				05/11/2004	7.3		T
				06/21/2004	6.7		T
				07/15/2004	6.8		T
				08/11/2004	8.2		T
101 N18 E29 18AADD1	392540118454501	23.	3951.17	12/18/2003	7.9		T
				03/10/2004	8.6		T
				06/21/2004	6.8		T
				09/20/2004	7.2		T

GROUND-WATER LEVELS

NEWLANDS SHALLOW AQUIFER MONITORING PROJECT--Continued

Local Well No	Site Identification	Well Depth (Feet)	Elevation (Feet) Above Sea Level)	Water Level (Below Land Surface)			
				Date	(Feet)	Status	Method
101 N18 E29 21BCCB1	392439118443401	30.	3934.	11/18/2003	6.7		T
				12/17/2003	7.6		T
				01/21/2004	8.4		T
				02/19/2004	8.1		T
				03/10/2004	8.2		T
				04/05/2004	8.1		T
				05/11/2004	6.7		T
				06/21/2004	6.6		T
				07/15/2004	6.6		T
				08/11/2004	6.4		T
101 N18 E29 27CDAD1	392327118425401	13.	3920.	09/20/2004	6.68	N	S
				10/07/2003	8.2		T
				11/18/2003	8.1		T
				12/17/2003	8.1		T
				01/21/2004	8.0		T
				02/19/2004	8.0		T
				03/10/2004	7.9		T
				04/05/2004	7.9		T
				05/11/2004	8.2		T
				06/21/2004	8.5		T
101 N18 E29 35ABCB1	392309118414601	32.	3917.	07/15/2004	8.2		T
				08/11/2004	8.4		T
				09/20/2004	8.7		T
				09/28/2004		N	
				10/07/2003	-1.3		T
				11/18/2003	-1.4		T
				12/17/2003	-1.4		T
				01/21/2004	-1.4		T
				02/19/2004	-1.4		T
				03/10/2004	-1.49		S
101 N18 E29 35ABCC1	392305118414601	128.	3917.	04/05/2004	-1.47		S
				05/11/2004	-1.50		S
				06/21/2004	-1.40		S
				07/15/2004	-1.29		S
				08/11/2004	-1.28		S
				09/20/2004	-1.2		S
				12/18/2003	11.2		T
				03/11/2004	11.0		T
				06/22/2004	11.8		T
				09/21/2004	12.5		T
101 N19 E27 09CCCC1	393106118580301	21.	4019.	12/18/2003	11.2		T
				03/11/2004	11.0		T
				06/22/2004	11.8		T
				09/21/2004	12.5		T
101 N19 E27 11DCAC1	393120118545501	24.	4020.56	12/18/2003		D	
				03/11/2004		D	
				06/22/2004		D	
				09/21/2004		N	
101 N19 E27 13CCB 1	393023118544101	143.	4013.58	11/18/2003	27.2		T
				12/18/2003	26.9		T
				01/22/2004	27.03		S
				02/19/2004	27.16		S
				03/11/2004	27.1		T
				04/05/2004	27.4		T
				05/11/2004		D	
				06/22/2004	28.03		S
				07/15/2004	28.18		S
				08/11/2004	28.28		S
09/21/2004	28.16		S				
101 N19 E27 13CCBB3	393023118544103	28.	4013.6	10/07/2003	12.6		T
				11/18/2003	13.4		T
				12/18/2003	13.9		T
				01/22/2004	14.5		T
				02/19/2004	15.01		S
				03/11/2004	15.3		T
04/05/2004	15.6		T				

GROUND-WATER LEVELS

NEWLANDS SHALLOW AQUIFER MONITORING PROJECT--Continued

Local Well No	Site Identification	Well Depth (Feet)	Elevation (Feet) Above Sea Level)	Water Level (Below Land Surface)			
				Date	(Feet)	Status	Method
101 N19 E27 13CCBB3	393023118544103	28.	4013.6	05/11/2004	14.7		T
				06/22/2004	13.0		T
				07/15/2004	12.0		T
				08/11/2004	11.5		T
				09/21/2004	11.9		T
101 N19 E27 15ADDA1	393043118555101	21.	4021.73	02/19/2004		D	
				04/05/2004		D	
				06/22/2004		D	
				09/21/2004		N	
101 N19 E27 22DBAB1	392948118561101	13.	4022.	12/17/2003	11.1		T
				03/10/2004	12.3		T
				06/21/2004	10.8		T
				09/20/2004	10.8	N	T
101 N19 E27 36DDCD1	392828118534901	26.	3998.	12/17/2003	16.4		T
				03/10/2004	16.3		T
				06/21/2004	16.9		T
				09/20/2004	17.1		T
101 N19 E28 07BCBB1	393142118533201	26.	4015.22	12/18/2003	21.4		T
				03/11/2004	21.4		T
				06/22/2004	21.4		T
				09/21/2004	21.4		T
				10/07/2003	7.3		T
101 N19 E28 17DAAC1	393038118512201	14.	4001.52	11/18/2003	7.6		T
				12/18/2003	8.5		T
				01/21/2004	9.3		T
				02/19/2004	9.8		T
				03/11/2004	10.1		T
				04/05/2004	10.5		T
				05/11/2004	9.5		T
				06/22/2004	8.5		T
				07/15/2004	7.8		T
				08/11/2004	7.3		T
				09/21/2004	7.2		T
				10/07/2003	6.8		T
				11/18/2003	7.4		T
12/17/2003	7.6		T				
01/22/2004	7.9		T				
02/19/2004	8.1		T				
03/10/2004	8.3		T				
04/05/2004	8.5		T				
05/11/2004	8.0		T				
06/21/2004	7.8		T				
07/15/2004	7.7		T				
08/11/2004	7.4		T				
09/20/2004	6.6		T				
101 N19 E28 19CCCB1	392926118533001	18.	4000.	10/07/2003	6.8		T
				11/18/2003	7.4		T
				12/17/2003	7.6		T
				01/22/2004	7.9		T
				02/19/2004	8.1		T
				03/10/2004	8.3		T
				04/05/2004	8.5		T
				05/11/2004	8.0		T
				06/21/2004	7.8		T
				07/15/2004	7.7		T
				08/11/2004	7.4		T
09/20/2004	6.6		T				
101 N19 E28 20ABC 1	393004118514201	29.	4002.	11/18/2003	14.0		T
				12/18/2003	14.2		T
				01/21/2004	14.4		T
				02/19/2004	14.5		T
				03/11/2004	14.6		T
				04/05/2004	14.6		T
				05/11/2004	14.6		T
				06/22/2004	14.6		T
				07/14/2004	14.6		T
				08/11/2004	14.4		T
				09/21/2004	14.2		T
101 N19 E28 20ABDA1	393006118515101	24.	4006.	11/18/2003	13.8		T
				12/18/2003	13.8		T
				01/21/2004	14.0		T
				02/19/2004	14.2		T
				03/11/2004	14.3		T
04/05/2004	14.5		T				

GROUND-WATER LEVELS

NEWLANDS SHALLOW AQUIFER MONITORING PROJECT--Continued

Local Well No	Site Identification	Well Depth (Feet)	Elevation (Feet) Above Sea Level)	Water Level (Below Land Surface)			
				Date	(Feet)	Status	Method
101 N19 E28 20ABDA1	393006118515101	24.	4006.	05/11/2004	14.8		T
				06/22/2004	14.9		T
				07/15/2004	14.8		T
				08/11/2004	14.6		T
				09/21/2004	14.4		T
101 N19 E28 23DCCA1	392925118482001	30.	3975.	10/07/2003	13.9		T
				11/18/2003	14.2		T
				12/18/2003	14.7		T
				01/21/2004	15.1		T
				02/19/2004	15.3		T
				03/11/2004	15.4		T
				04/05/2004	15.6		T
				05/11/2004	14.5		T
				06/22/2004	14.5		T
				07/15/2004	14.4		T
101 N19 E28 32BAAB1	392829118520001	13.	3996.	09/21/2004	14.6		T
				10/07/2003	7.7		T
				11/18/2003	8.0		T
				12/17/2003	8.9		T
				01/22/2004	9.6		T
				02/19/2004	9.9		T
				03/05/2004	8.8		T
				03/10/2004	10.1		T
				06/21/2004	7.1		T
				07/15/2004	7.2		T
101 N19 E28 34BCAA1	392817118495501	13.	3980.	08/11/2004	7.6		T
				09/20/2004	7.9		T
				01/22/2004	5.3		T
				03/10/2004	5.7		T
				06/21/2004	4.7		T
101 N19 E29 02BABB1	393252118415901	21.	3927.38	09/20/2004	4.4		T
				12/18/2003	9.6		T
				03/11/2004	10.5		T
101 N19 E29 14ACB 2	393049118413501	12.	3931.36	06/22/2004	9.3		T
				09/21/2004	9.5		T
				12/18/2003		D	
				03/11/2004		D	
101 N19 E29 23CCDC1	392924118420901	19.	3937.	06/22/2004		D	
				09/21/2004		D	
				09/21/2004		N	
				12/18/2003	7.2		T
				03/11/2004	7.7		T
101 N19 E29 24ABDD1	393003118402001	12.	3920.	06/22/2004	6.4		T
				09/21/2004	6.3	N	T
				10/07/2003	6.0		T
				11/18/2003	5.7		T
				12/18/2003	5.6		T
				01/21/2004	5.5		T
				02/19/2004	5.4		T
				03/11/2004	5.3		T
				04/05/2004	5.0		T
				05/11/2004	5.8		T
101 N19 E29 33ABAC1	392825118435501	28.	3949.02	06/22/2004	6.4		T
				07/15/2004	7.3		T
				08/11/2004	7.6		T
				09/21/2004	8.0		T
				12/18/2003	9.1		T
				05/11/2004	7.2		T
				06/21/2004	7.3		T
09/20/2004	7.4		T				

GROUND-WATER LEVELS

NEWLANDS SHALLOW AQUIFER MONITORING PROJECT--Continued

Local Well No	Site Identification	Well Depth (Feet)	Elevation (Feet) Above Sea Level)	Water Level (Below Land Surface)			
				Date	(Feet)	Status	Method
101 N19 E29 35DAA 1	392759118411601	10.	3935.59	12/18/2003	7.1		T
				03/11/2004	7.4		T
				06/21/2004	7.3		T
				09/20/2004	6.8		T
101 N19 E30 10CDDA1	393114118361001	15.	3904.	12/18/2003	5.5		T
				03/11/2004	5.6		T
				06/22/2004	5.0		T
101 N19 E30 13ACAA1	393052118333501	12.	3900.	09/21/2004	6.0	N	T
				10/07/2003	4.0		T
				11/18/2003	3.9		T
				12/17/2003	4.6		T
				01/21/2004	5.2		T
				02/19/2004	5.5		T
				03/10/2004	5.7		T
				04/05/2004	5.9		T
				05/11/2004	4.0		T
				06/21/2004	3.2		T
				07/15/2004	2.3		T
				08/11/2004	3.6		T
				09/20/2004	3.8		T
101 N19 E30 23DBDD2	392938118344301	11.	3908.79	10/07/2003	3.4		T
				11/18/2003	4.1		T
				12/17/2003	4.9		T
				01/21/2004	5.5		T
				02/19/2004	6.0		T
				03/10/2004	6.2		T
				04/05/2004	6.6		T
				05/11/2004	3.8		T
				06/21/2004	4.1		T
				07/15/2004	4.3		T
				08/11/2004	3.0		T
				09/20/2004	3.6		T
				101 N19 E30 33ABAB2	392828118370702	18.	3917.36
03/10/2004	8.7		T				
06/21/2004	8.7		T				
09/20/2004	9.1	N	T				
101 N19 E30 34BAA 1	392828118361201	25.	3914.19	10/07/2003	9.8		T
				11/18/2003	9.8		T
				12/18/2003	9.8		T
				01/21/2004	9.8		T
				02/19/2004	9.8		T
				03/10/2004	9.7		T
				04/05/2004	9.6		T
				05/11/2004	9.5		T
				06/21/2004	9.6		T
				07/15/2004	9.8		T
				08/11/2004	9.9		T
				09/20/2004	10.0		T
				101 N19 E30 34BAA 2	392828118361202	13.	3914.18
11/18/2003	9.8		T				
12/18/2003	9.8		T				
01/21/2004	9.8		T				
02/19/2004	9.7		T				
03/10/2004	9.7		T				
04/05/2004	9.6		T				
05/11/2004	9.5		T				
06/21/2004	9.6		T				
07/15/2004	9.8		T				
08/11/2004	9.9		T				
09/20/2004	10.0		T				
101 N19 E31 16BBDB1	393106118305301	25.	3897.				
				03/10/2004	4.3		T
				06/22/2004	4.6		T
				09/20/2004	5.1		T

GROUND-WATER LEVELS

NEWLANDS SHALLOW AQUIFER MONITORING PROJECT--Continued

Local Well No	Site Identification	Well Depth (Feet)	Elevation (Feet) Above Sea Level)	Water Level (Below Land Surface)			
				Date	(Feet)	Status	Method
101 N19 E31 16BCAA1	393056118304901	30.	3903.	01/21/2004	5.4		T
				03/10/2004	5.4		T
				06/22/2004	6.5		T
				09/20/2004	6.2		T
101 N20 E29 22CBAC1	393458118431101	12.	3914.02	10/07/2003	10.0		T
				11/18/2003	9.6		T
				12/18/2003	9.5		T
				01/21/2004	9.4		T
				02/19/2004	9.3		T
				03/11/2004	9.2		T
				05/11/2004	9.3		T
				06/22/2004	9.9		T
				07/15/2004	10.2		T
				09/21/2004	10.3		T
101 N20 E31 07BDCA1	393651118325701	20.	3884.82	12/18/2003	14.2		T
				03/11/2004	13.6		T
				06/22/2004	14.2		T
				09/20/2004	15.0		T
101 N20 E31 33CACB3	393311118304703	28.	3890.44	12/18/2003	2.4		T
				03/10/2004	4.0		T
				06/22/2004	4.6		T
				09/20/2004	3.8		T

QUALITY OF GROUND WATER

SPANISH SPRINGS

Ground water quality data in this table were collected in Spanish Springs Valley as part of a cooperative study with the Washoe County Department of Water Resources. The purpose of this study is to 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 2003 TO SEPTEMBER 2004

Station number	Station name	Date	Time	Sample type	Depth of well, feet below LSD (72008)	Depth to water level, feet below LSD (72019)	Turbidity, water, unfltrd field, NTU (61028)	Dis-solved oxygen, mg/L (00300)
393734119433001	085 N20 E20 03CADA1	04-27-04	0845	Environmental	120.	82.04	20	7.3
393750119431801	085 N20 E20 03ACAC1	04-26-04	1352	Environmental	87.	57.34	54	7.6
393801119431101	085 N20 E20 03ABDA1	04-26-04	1228	Environmental	77.	44.77	29	5.2
393812119423801	085 N21 E20 35CDCC1	08-26-04	1002	Environmental	45.	--	--	--
		09-28-04	1550	Environmental	45.	--	--	--
		09-28-04	1555	Replicate	45.	--	--	--
393813119424001	085 N21 E20 35CCDA1	08-26-04	0915	Environmental	45.	--	--	--
		09-28-04	1415	Environmental	45.	--	--	--
393820119422101	085 N21 E20 35CDAA1	04-28-04	1222	Environmental	110.	30.21	91	3.6
393820119422102	085 N21 E20 35 CDA 2	04-28-04	1340	Environmental	46.55	29.68	3.8	8.0
393821119415201	085 N21 E20 35DDAB1	04-27-04	1246	Environmental	56.	36.13	95	6.7
		09-27-04	0923	Environmental	56.	--	--	--
393822119413001	085 N21 E20 35CDDB1	04-06-04	1710	Environmental	78.	25.28	130	13.4
	085 N21 E20 35CDDB1	09-27-04	0950	Environmental	78.	--	--	--
393822119413002	085 N21 E20 36CDDB2	04-06-04	1100	Environmental	117.	25.35	45	17.2
393822119413003	085 N21 E20 35CDB 3	04-07-04	0855	Environmental	48.30	21.75	6.0	8.6
393822119421501	085 N21 E20 35DCBA1	09-27-04	1057	Environmental	65.	--	--	--
393823119431501	085 N21 E20 34DBDD1	04-26-04	1052	Environmental	70.	42.12	48	8.6
393829119424501	085 N21 E20 35CBAC1	09-28-04	1620	Environmental	45.	--	--	--
		09-28-04	1625	Replicate	45.	--	--	--
393831119423901	085 N21 E20 35CBAD1	04-28-04	1503	Environmental	70.	32.10	12	7.8
393831119424701	085 N21 E20 35CBAC1	08-27-04	1300	Environmental	48.	--	--	--
393836119433501	085 N21 E20 34BDDC1	04-27-04	1004	Environmental	93.	57.09	9.8	6.8
393844119420401	085 N12 E20 35ACAD1	04-26-04	0912	Environmental	90.	59.44	68	11.3
393851119424401	085 N21 E20 35BDDC1	04-14-04	1158	Environmental	70.	40.03	110	10.7

Station number	Date	Time	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)	Chlor-ide, water, fltrd, mg/L (00940)	Ammonia water, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, mg/L as N (00613)	Total nitro-gen, wat flt by anal ysis, mg/L (62854)
393734119433001	04-27-04	0845	6.7	1,080	18.0	86.3	<.04	23.5	<.008	23.5
393750119431801	04-26-04	1352	7.0	1,670	24.7	118	<.04	19.7	<.008	19.1
393801119431101	04-26-04	1228	7.1	126	23.8	164	<.04	12.6	<.008	11.5
393812119423801	08-26-04	1002	--	--	--	29.2	<.04	4.51	<.008	4.66
	09-28-04	1550	--	--	--	21.3	<.04	3.57	<.008	3.60
	09-28-04	1555	--	--	--	21.2	<.04	3.56	<.008	3.55
393813119424001	08-26-04	0915	--	--	--	123	E.03	11.5	.334	12.6
	09-28-04	1415	--	--	--	98.2	<.04	13.7	.012	13.3
393820119422101	04-28-04	1222	7.0	926	17.5	144	<.04	4.07	<.008	3.97
393820119422102	04-28-04	1340	7.1	2,040	17.9	328	<.04	16.9	<.008	17.7
393821119415201	04-27-04	1246	7.1	1,770	23.2	184	<.04	19.2	<.008	19.4
	09-27-04	0923	--	--	--	189	<.04	20.7	<.008	19.7
393822119413001	04-06-04	1710	7.2	792	18.3	17.8	<.04	7.31	E.004	7.34
	09-27-04	0950	--	--	--	122	<.04	7.42	.010	7.52
393822119413002	04-06-04	1100	7.5	341	16.9	21.8	<.04	5.49	<.008	5.37
393822119413003	04-07-04	0855	7.2	1,390	20.0	148	<.04	9.42	<.008	9.44
393822119421501	09-27-04	1057	--	--	--	146	<.04	8.28	E.004	8.30
393823119431501	04-26-04	1052	7.2	2,640	21.4	353	<.04	9.45	<.008	9.54
393829119424501	09-28-04	1620	--	--	--	300	.04	32.4	.010	31.9
	09-28-04	1625	--	--	--	300	E.04	32.1	.011	34.1
393831119423901	04-28-04	1503	7.0	1,680	18.1	165	<.04	37.6	<.008	35.6
393831119424701	08-27-04	1300	--	--	--	302	<.04	34.4	.017	33.6
393836119433501	04-27-04	1004	7.2	1,400	22.0	157	<.04	38.5	<.008	35.7
393844119420401	04-26-04	0912	7.3	1,170	19.7	211	<.04	14.9	<.008	14.2
393851119424401	04-14-04	1158	7.5	893	15.6	153	<.04	9.93	<.008	9.96

Remark codes used in this table:

- < -- Less than
- E -- Estimated value

QUALITY OF GROUND WATER

SPANISH SPRINGS

Lysimeter water quality data in this table were collected in Spanish Springs Valley as part of a cooperative study with the Washoe County Department of Water Resources. The purpose of this study is to 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 2003 TO SEPTEMBER 2004

Station number	Station name	Date	Time	Sample type	Depth of lysimeter, feet below LSD (72008)	Chloride, 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 nitrogen, wat flt by anal ysis, mg/L (62854)
393812119423701	085 N21 E20 35CDCC2	08-04-04	0835	Environmental	10.	97.9	E.04	8.54	<.008	8.69
		09-08-04	1150	Environmental	10.	--	.25	65.1	.009	66.1
393812119423702	085 N21 E20 35CDCC3	08-04-04	0825	Environmental	3.	1,060	.80	24.9	.032	30.9
		09-08-04	1205	Environmental	3.	146	E.04	12.5	<.008	12.3
393821119421401	085 N21 E20 35DCBA2	08-04-04	0946	Environmental	10.	113	E.04	42.5	<.008	40.0
		09-21-04	1130	Environmental	10.	122	<.04	30.6	<.008	30.8
393821119421402	085 N21 E20 35DCBA3	08-04-04	0938	Environmental	5.	166	.06	36.2	E.007	35.3
		09-21-04	1135	Environmental	5.	117	E.03	44.0	E.004	43.4
393821119421403	085 N21 E20 35DCBA4	08-04-04	0954	Environmental	10.	187	42.3	3.97	.302	50.1
		09-21-04	1107	Environmental	10.	135	39.3	1.20	.627	43.4
393821119421404	085 N21 E20 35DCBA5	08-04-04	1007	Environmental	5.	153	1.48	12.8	1.09	16.0
		09-21-04	1122	Environmental	5.	179	.38	153	.492	167
393821119421407	085 N21 E20 35DCBA8	08-04-04	0900	Environmental	10.	176	39.4	2.01	.277	40.9
		09-21-04	1045	Environmental	10.	115	37.3	.93	.030	39.0
393821119421408	085 N21 E20 35DCBA9	08-04-04	0908	Environmental	5.	135	32.5	3.65	.185	37.9
		09-08-04	1048	Environmental	5.	104	12.3	18.2	1.04	27.8
393821119421409	085 N21 E20 35DCBA10	08-04-04	0927	Environmental	10.	118	.05	47.5	E.005	45.3
393821119421410	085 N21 E20 35DCBA11	08-04-04	0917	Environmental	5.	138	18.4	.25	.027	21.8
		09-21-04	1058	Environmental	5.	247	2.07	31.0	.928	34.4
393821119421411	085 N21 E20 35DCBA12	08-04-04	0851	Environmental	10.	504	.13	83.2	.017	86.5
393823119424503	085 N21 E20 35CBAC5	08-04-04	1214	Environmental	14.	--	.04	161	.018	164
		09-08-04	1443	Environmental	14.	51.6	E.03	75.5	E.007	77.0
393823119424504	085 N21 E20 35CBAC6	08-04-04	1220	Environmental	4.	52.7	.06	78.1	.025	74.6
		09-08-04	1436	Environmental	4.	75.5	.06	188	E.006	194
393823119424505	085 N21 E20 35CBAC7	08-04-04	1225	Environmental	14.	51.4	.91	57.4	.030	57.4
		09-08-04	1449	Environmental	14.	--	.07	189	.016	177
393823119424506	085 N21 E20 35CBAC8	08-04-04	1229	Environmental*	4.	--	1.61	796	.168	830
		09-08-04	1455	Environmental*	4.	73.1	1.33	955	.103	951
393823119424507	085 N21 E20 35CBAC9	08-04-04	1238	Environmental	14.	52.0	.80	66.0	.048	68.9
		09-08-04	1502	Environmental	14.	46.1	1.58	151	.152	143
393823119424508	085 N21 E20 35CBAC10	08-04-04	1244	Environmental	4.	47.2	<.04	139	<.008	143
		09-08-04	1512	Environmental	4.	44.6	<.04	142	<.008	132
393823119424509	085 N21 E20 35CBAC11	08-04-04	1250	Environmental	14.	52.0	.07	125	.056	124
393830119412103	085 N21 E20 36CAAC3	08-04-04	1028	Environmental	7.	33.7	18.3	<.06	<.008	19.2
		09-08-04	1230	Environmental	7.	34.4	24.6	.21	.193	25.0
393830119412105	085 N21 E20 36CAAC5	09-08-04	1254	Environmental	7.	32.3	2.81	3.58	.542	7.12
393830119412106	085 N21 E20 36CAAC6	08-04-04	1040	Environmental	3.	--	.06	113	E.007	94.5
		09-08-04	1308	Environmental	3.	118	.06	163	E.007	161
393830119412107	085 N21 E20 36CAAC7	08-04-04	1047	Environmental	7.	33.8	14.8	<.06	<.008	16.1
		09-08-04	1318	Environmental	7.	34.0	19.0	<.06	E.004	19.9
393830119412109	085 N21 E20 36CAAC9	08-04-04	1057	Environmental	7.	33.3	21.8	<.06	E.005	21.5
		09-08-04	1334	Environmental	7.	34.6	23.4	<.06	<.008	23.2
393830119412111	085 N21 E20 36CAAC11	08-04-04	1118	Environmental	7.	36.3	1.64	94.7	.735	91.1
		09-08-04	1348	Environmental	7.	35.0	E.04	60.4	.009	54.4
393830119412112	085 N21 E20 36CAAC12	08-04-04	1110	Environmental	3.	431	.14	92.1	.049	97.6
		09-08-04	1359	Environmental	3.	448	.07	148	E.007	141
393913119424001	085 N21 E20 26CCAA2	09-09-04	1530	Environmental	9.	114	.07	139	.182	135
393913119424004	085 N21 E20 26CCAA5	09-09-04	1617	Environmental	5.	77.4	.19	39.5	.026	38.9

Remark codes used in this table:

< -- Less than

E -- Estimated value

* -- Sampled directly out of a leach line.

QUALITY OF SURFACE WATER

WALKER RIVER BASIN

Walker Lake is a perennial, natural terminal lake that became at-risk because of upstream agricultural diversions. Between 1882 and 1994, upstream diversions caused Walker Lake to decline about 140 feet and the total dissolved solids (TDS) concentrations to increase from 2,500 mg/L to 13,300 mg/L. The Lahontan cutthroat trout (LCT), a threatened species that is native to Walker Lake, has adapted to the high TDS of terminal basins. However, diversions have lowered lake levels and increased TDS to concentrations that threaten the survival of the LCT. The objectives of this project are to develop (1) an improved water budget for Walker Lake and (2) the capability to predict how changes in irrigation practices in and below Mason Valley will affect flows in the lower Walker River so alternatives for supplementing flows can be evaluated.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Station number	Station name	Date	Time	Sample type	Instantaneous discharge, cfs (00061)
10293500	EAST WALKER RIVER ABOVE STROSNIDER DITCH NEAR MASON, NV	03-08-04	1200	Environmental	33
10300000	WEST WALKER RIVER NEAR HUDSON, NV	03-08-04	0950	Environmental	45
10301500	WALKER RIVER NEAR WABUSKA, NV	03-08-04	1430	Environmental	24
		03-08-04	1435	Replicate	--
10301600	WALKER RIVER ABOVE WEBER RESERVOIR NEAR SCHURZ, NV	03-08-04	1715	Environmental	21
		03-08-04	1850	Blank	--
10301720	WALKER RIVER AT PT SITE BELOW WEBER RESERVOIR NEAR SCHURZ, NV	03-09-04	0900	Environmental	2.6
10302002	WALKER RIVER AT LATERAL 2-A SIPHON NEAR SCHURZ, NV	03-09-04	1130	Environmental	.52
10302005	WALKER RIVER AT POWERLINE CROSSING NEAR SCHURZ, NV	03-09-04	1400	Environmental	1.2
10302025	WALKER RIVER NEAR MOUTH AT WALKER LAKE	03-09-04	1640	Environmental	1.7

Date	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specific conductance, wat unfltrd uS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	Alkalinity, wat flt inc tit field, mg/L as CaCO3 (39086)	Bicarbonate, wat flt incrm. titr., field, mg/L (00453)
03-08-04	652	10.5	113	7.4	350	18.0	11.6	31.6	7.15	4.67	32.6	117	145
03-08-04	652	10.3	93	7.5	503	14.0	9.0	40.5	10.3	4.35	52.9	150	183
03-08-04	657	8.5	107	7.5	484	--	19.0	39.2	9.24	5.08	52.1	147	179
03-08-04	--	--	--	--	--	--	--	38.3	9.10	4.98	50.4	--	--
03-08-04	659	9.1	101	7.4	455	--	13.3	36.9	8.95	4.62	46.3	150	182
03-08-04	--	--	--	--	--	--	--	.02	<.008	<.16	<.10	--	--
03-09-04	660	6.2	64	7.6	511	--	10.5	36.6	8.17	4.99	62.8	190	232
03-09-04	659	6.6	72	7.5	552	--	12.4	46.5	11.3	5.81	59.1	191	233
03-09-04	658	6.3	75	7.6	629	--	16.7	55.0	14.1	8.69	61.4	209	255
03-09-04	660	7.7	93	8.1	1,040	--	17.1	42.8	12.8	11.7	168	271	338

Date	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate, water, fltrd, mg/L (00945)	Residue on evap. at 180degC, wat flt mg/L (70300)	Iron, water, fltrd, ug/L (01046)	Manganese, water, fltrd, ug/L (01056)
03-08-04	7.09	.5	20.4	44.3	225	57	115
03-08-04	34.2	.9	20.5	45.1	308	12	140
03-08-04	25.0	.8	19.9	56.1	301	E5	19.2
03-08-04	25.4	.8	19.6	55.9	302	E4	18.5
03-08-04	20.8	.8	13.9	48.4	278	10	344
03-08-04	<.20	<.2	<.04	<.2	<10	<6	.9
03-09-04	19.8	.8	25.6	44.1	320	E6	985
03-09-04	22.2	.7	14.6	53.2	341	7	178
03-09-04	24.9	.6	32.1	77.7	404	E6	63.4
03-09-04	64.5	1.9	31.2	152	666	20	78.4

Remark codes used in this table:
 < -- Less than
 E -- Estimated value

GROUND-WATER LEVELS

WALKER RIVER BASIN

Walker Lake is a perennial, natural terminal lake that became at-risk because of upstream agricultural diversions. Between 1882 and 1994, upstream diversions caused Walker Lake to decline about 140 feet and the total dissolved solids (TDS) concentrations to increase from 2,500 mg/L to 13,300 mg/L. The Lahontan cutthroat trout (LCT), a threatened species that is native to Walker Lake, has adapted to the high TDS of terminal basins. However, diversions have lowered lake levels and increased TDS to concentrations that threaten the survival of the LCT. The objectives of this project are to develop (1) an improved water budget for Walker Lake and (2) the capability to predict how changes in irrigation practices in and below Mason Valley will affect flows in the lower Walker River so alternatives for supplementing flows can be evaluated.

Water Level Status--D, site was dry (no water-level recorded); F, flowing; R, the same site had been pumped recently; S, a nearby site that taps the same aquifer was being pumped; T, nearby site that taps the same aquifer has been recently pumped; V, foreign substance; Z, other.

Water Level Method--R, reported; S, steel tape; T, electric tape.

Reporting Agency--NV003, Nevada Division of Water Resources; USGS, U.S. Geological Survey

Water Level Accuracy--0, water level accurate to the nearest foot; 1, water level accurate to the nearest tenth of a foot;

2, water level accurate to the nearest one-hundredth of a foot.

Local Well No	Site Identification	Well Depth (Feet)	Elevation (Feet) Above Sea Level	Water Level (Below Land Surface)					
				Date	(Feet)	Status	Method	Reporting Agency	Accuracy
107 N10 E23 01CBCA1	384521119220201	63.	4838.	03/04/2004	42.21		T	USGS	1
107 N10 E23 01CBCA2	384522119220101	245.	4840.	03/04/2004	54.81		S	USGS	2
107 N10 E23 02BDDD1	384532119224301	62.5	4820.	03/08/2004	27.43		T	USGS	1
107 N10 E24 03BBAB1	384553119173101	400.	4915.	03/08/2004	137.29		T	USGS	1
107 N10 E24 05ACDD1	384530119190401		4870.	03/03/2004	126.43		T	USGS	1
107 N10 E24 08CBCA1	384426119194601	504.	4940.	03/04/2004	134.09		S	NV003	2
107 N10 E24 09BACC1	384459119174401	652.	4915.	03/01/2004	188.8		T	USGS	1
				03/30/2004	168.06		S	USGS	2
107 N10 E24 16ACCC1	384350119172301	486.	5000.	03/04/2004	185.87		S	NV003	2
107 N10 E24 17CCAA1	384326119193701	490.	4985.	03/04/2004	194.40		S	NV003	2
107 N10 E24 18BACD1	384356119203501	536.	5000.	03/04/2004	203.57		S	NV003	2
107 N10 E24 21DDAD1	384232119174001		5080.	03/08/2004	152.91		T	USGS	1
107 N10 E24 29ACAC1	384208119190601		5140.	03/08/2004	107.28		T	USGS	1
107 N10 E24 32CDBC1	384047119192801	542.	5420.	03/01/2004	333.17		T	USGS	1
107 N11 E23 01CCCC1	385016119214801	128.	4790.	03/05/2004	31.98		S	NV003	2
107 N11 E23 02ADDD1	385040119212301	537.	4780.	03/05/2004	58.76		S	NV003	2
107 N11 E23 02BBCC1	385057119220701	412.	4775.	03/04/2004	44.41		S	NV003	2
				03/09/2004	54.85		S	USGS	2
107 N11 E23 02CCBB1	385030119220501	546.	4780.	03/04/2004	76.70	T	S	NV003	2
107 N11 E23 03CBBC1	385035119240001	580.	4881.	03/04/2004	151.06	T	S	NV003	2
107 N11 E23 10ACBB1	385001119223901	385.	4840.	03/04/2004	108.57	T	S	NV003	2
107 N11 E23 12CBBB1	384949119204901	585.	4790.	03/05/2004	60.03		S	NV003	2
107 N11 E23 15CBAA1	384855119234801	510.	4820.	03/04/2004	55.90		S	NV003	2
107 N11 E23 22ADAA1	384820119230000	420.	4800.	03/09/2004	60.40		S	USGS	2
107 N11 E23 22DDCC1	384741119231801	145.	4820.	03/09/2004	22.87		S	USGS	2
107 N11 E23 23CBBC1	384830119220501	420.	4770.	03/04/2004	58.67		S	NV003	2
107 N11 E23 24DDDD1	384743119204901	760.	4760.	03/04/2004	23.17		S	NV003	2
107 N11 E23 27CACA1	384708119235001	220.	4930.	03/08/2004	166.58		S	USGS	2
107 N11 E23 27CDDC1	384650119234501	412.	4880.	12/15/2003	125.8		R	USGS	0
				03/08/2004	114.72		S	USGS	2
107 N11 E24 02CCCB1	385024119162101	148.	4700.	03/09/2004	23.5		T	USGS	1
107 N11 E24 08CCBC1	384935119194001	19.	4720.	03/03/2004	8.40		T	USGS	1
107 N11 E24 09DCBD1	384933119175601	280.	4730.	03/04/2004	16.36		T	USGS	1
107 N11 E24 18AADA1	394918119194601		4720.	03/12/2004	4.75		T	USGS	1
107 N11 E24 18AADB1	384919119195001		4720.	03/12/2004		F		USGS	
107 N11 E24 20BCDC1	384811119193101	25.	4760.	03/04/2004	11.66		T	USGS	1
107 N11 E24 21BCDA1	384812119182201	140.	4825.	03/04/2004	89.50		T	USGS	1
107 N11 E24 22BAAD1	384828119165901	340.	4840.	03/12/2004	93.76		T	USGS	1
107 N11 E24 30CBBC1	384714119204701	28.	4770.	03/03/2004	9.72		T	USGS	1
107 N11 E24 30DBCBC1	384707119200901	250.	4830.	03/04/2004	55.99		S	NV003	2
107 N11 E24 32BDDD1	384637119192201	580.	4830.	03/04/2004	85.03		S	NV003	2
				03/09/2004	85.02		T	USGS	1
107 N11 E24 32CBAD1	384619119192301	140.	4845.	03/30/2004	93.05		T	USGS	1
107 N11 E24 32DCCD1	384557119190401	498.	4860.	03/30/2004	122.67	R	S	USGS	2
107 N11 E24 33CCCC1	384558119183101	300.	4900.	03/31/2004	163.85		T	USGS	1
				03/31/2004	163.85		S	USGS	2

GROUND-WATER LEVELS
WALKER RIVER BASIN--Continued

Local Well No	Site Identification	Well Depth (Feet)	Elevation (Feet) Above Sea Level)	Water Level (Below Land Surface)				Reporting Agency	Accuracy	
				Date	(Feet)	Status	Method			
107	N11 E24 33DAAD1	384618119173201	370.	4900.	03/01/2004	136.73		T	USGS	1
107	N12 E23 04DAAA1	385557119240801	301.	4620.	03/10/2004		F		USGS	
107	N12 E23 24CB 1	385314119205901	287.	4760.	03/30/2004	11.59		S	USGS	2
107	N12 E23 26ABAD1	385249119221401	340.	4750.	03/11/2004	15.07		T	USGS	1
107	N12 E23 27AADD1	385243119230601		4740.	03/10/2004	35.46		S	USGS	2
107	N12 E23 28CABC1	385225119245901		4800.	03/09/2004	64.48		T	USGS	1
107	N12 E23 29ADDC1	385231119252101	150.	4840.	03/10/2004	136.27		S	USGS	2
107	N12 E23 33BAD1	385151119245201	176.	4860.	03/09/2004	128.32		T	USGS	1
107	N12 E23 34ACCC1	385834119322301	400.	4790.	03/04/2004	62.54		S	NV003	2
107	N12 E23 34BACB1	385205119225401	423.	4765.	03/04/2004	57.90		S	NV003	2
107	N12 E23 36DBDB1	385141119212701	252.	4766.	03/04/2004	21.91		S	NV003	2
107	N12 E23 36DCDC1	385109119210701	495.	4782.	03/04/2004	68.62		S	NV003	2
107	N12 E24 27DACB1	385222119154601	363.	4980.	03/09/2004	279.75		T	USGS	1
107	N12 E24 31BACB1	385201119193601	540.	4807.	03/04/2004	92.04		S	NV003	2
107	N12 E24 31DBBA1	385130119192001	587.	4810.	03/04/2004	100.00		S	NV003	2
107	N13 E23 22DBCD1	385825119232401	320.	4730.	03/10/2004	113.52		S	USGS	2
107	N13 E23 27ADCD1	385745119230501	400.	4630.	03/05/2004	33.14		S	NV003	2
107	N13 E23 34BACC1	385704119234501	277.	4604.	03/10/2004		F		USGS	
107	N13 E24 18CAC1	385916119202901	139.	4730.	03/10/2004	122.02		T	USGS	1
107	N13 E24 19AAAD1	385857119194601	170.	4720.	03/10/2004	109.76		T	USGS	1
107	N13 E24 21BCCD1	385838119182701	280.	4780.	03/05/2004	172.42		S	NV003	2
107	N13 E24 21BCCD1	385838119182701	280.	4780.	03/10/2004	172.29		T	USGS	1
107	N13 E24 30AAC1	385759119200001		4620.	03/05/2004	23.86	V	S	NV003	2
107	N13 E24 30ADD1	385741119194701	440.	4620.	03/05/2004	21.17		S	NV003	2
107	N15 E25 21CADD2	390848119112501		4280.	03/03/2004	2.78		S	USGS	2
108	N11 E25 01ACCB1	385047119080401	526.	4550.	02/25/2004	73.68		S	NV003	2
108	N11 E25 02CDDD1	385018119091101	554.	4547.	02/25/2004	72.78		S	NV003	2
108	N11 E25 10BDCD1	384942119100801	597.	4567.	02/24/2004	97.60		T	USGS	1
					02/25/2004	96.62		S	NV003	2
					03/30/2004	111.37	S	S	USGS	2
108	N11 E25 11AAC1	385003119085201	256.	4562.	02/25/2004	96.21		S	NV003	2
108	N11 E25 26BADB1	384726119083501	400.	4826.	02/23/2004		D		USGS	
108	N12 E25 01BDDD1	385556119080901		4445.	02/23/2004	57.77		S	USGS	2
108	N12 E25 03CBBA1	385555119103701	334.	4419.	03/04/2004	16.04		S	USGS	2
108	N12 E25 08DCA 1	385451119122201	132.	4580.	03/04/2004	117.33		T	USGS	1
108	N12 E25 09BBBB1	385528119120101	229.	4560.	03/04/2004	79.89		T	USGS	1
108	N12 E25 09CABC1	385500119114201		4460.	03/04/2004	32.83		S	USGS	2
108	N12 E25 09CAC4	385455119114501	140.	4460.	03/04/2004	39.32		T	USGS	1
108	N12 E25 09CCCD1	385439119115401		4500.	03/04/2004	71.79		T	USGS	1
108	N12 E25 09DDDA1	385453119100601	307.	4432.	03/04/2004	15.45		S	USGS	2
108	N12 E25 11ACAD1	385456119091901	245.	4436.	02/25/2004	22.05		S	NV003	2
108	N12 E25 12CDA1	385447119075901	102.	4470.	02/25/2004	62.35		S	NV003	2
108	N12 E25 15DB 1	385410119100401	310.	4440.	02/25/2004	20.11		S	NV003	2
108	N12 E25 23DCC 1	385255119090501	325.	4460.	02/25/2004	18.79		S	NV003	2
108	N12 E25 24BCC1	385332119083701		4462.	02/23/2004	16.54		S	USGS	2
108	N12 E25 25ABBB1	385252119080701		4482.	02/23/2004	18.20		T	USGS	1
108	N12 E25 25CDDD1	385201119080901		4480.	02/23/2004	20.20		S	USGS	2
108	N12 E25 27DAAA1	385225119094801		4458.	02/25/2004	20.58		S	NV003	2
108	N12 E25 33ACBD1	385142119111301	68.	4491.	02/24/2004	25.01		T	USGS	1
108	N12 E25 34ADAA1	385148119094801		4468.	02/24/2004	12.62		S	USGS	2
108	N12 E25 35DCDD2	385109119085601		4510.	02/25/2004	34.03		S	NV003	2
108	N12 E26 03BBAD1	385616119035901		4616.	02/24/2004	209.80		T	USGS	1
108	N12 E26 03BDCC1	385551119031001	462.	4675.	02/24/2004	264.28		T	USGS	1
108	N12 E26 06ADBB1	385557119055401	245.	4478.	02/24/2004	96.59		T	USGS	1
108	N13 E25 01DBCC1	390057119080001	570.	4365.	02/24/2004	20.35		S	NV003	2
108	N13 E25 04CBAB1	390108119114801	455.	4363.	03/01/2004	22.74		S	USGS	2
108	N13 E25 06ADB 1	390116119131301		4390.	03/01/2004	83.58		T	USGS	1
108	N13 E25 06DDB 1	390054119131301	190.	4465.	03/01/2004	130.65		T	USGS	1
108	N13 E25 10CDB 1	390004119103001	328.	4375.	02/25/2004	10.34		S	NV003	2
108	N13 E25 11ACBD2	390026119090401	435.	4371.	02/24/2004	15.35		S	NV003	2
108	N13 E25 11CBDA1	390008119093801		4377.	02/27/2004	10.59		T	USGS	1
108	N13 E25 13CCCD1	385904119083001	306.	4380.	02/24/2004	15.75		S	NV003	2

GROUND-WATER LEVELS
WALKER RIVER BASIN--Continued

Local Well No	Site Identification	Well Depth (Feet)	Elevation (Feet) Above Sea Level)	Water Level (Below Land Surface)			Reporting		Accuracy
				Date	(Feet)	Status	Method	Agency	
108 N13 E25 13DDDD1	385903119073001	280.	4370.	02/24/2004	19.51	S		NV003	2
108 N13 E25 15DBDD1	385912119100501	15.	4385.	02/24/2004	10.83	T		USGS	1
108 N13 E25 23DDDC1	385809119084401	308.	4394.	02/24/2004	20.36	S		NV003	2
108 N13 E25 25CDDA2	385717119080901	106.	4415.	02/24/2004	31.63	S		NV003	2
108 N13 E25 26DDCC1	385720119085001	160.	4405.	02/25/2004	25.25	S		NV003	2
108 N13 E25 27ABDB1	385759119101001	260.	4400.	03/04/2004	15.00	T		USGS	1
108 N13 E25 27DCCD2	385718119101301	440.	4410.	02/25/2004	18.81	S		NV003	2
108 N13 E25 36DCCA1	385633119074201	255.	4434.	02/25/2004	51.77	S		NV003	2
108 N13 E26 02BBCC1	390127119030001	203.	4408.	02/24/2004	88.54	S		NV003	2
108 N13 E26 08CACA1	390011119060201	130.	4372.	02/24/2004	24.16	S		NV003	2
108 N13 E26 09DBCC1	390006119043901	166.	4390.	02/24/2004	65.98	S		NV003	2
108 N13 E26 18ACCB1	385929119065901		4370.	02/27/2004	19.40	S		USGS	2
108 N13 E26 18DBCB1	385918119070001		4370.	02/27/2004	22.85	S		USGS	2
108 N13 E26 31DDCD1	385628119063301	172.	4460.	02/25/2004	83.51	S		NV003	2
108 N13 E26 31DDDD1	385623119062801		4475.	02/24/2004	87.00	S		USGS	2
108 N13 E26 34BCCD1	385651119031301		4583.	02/24/2004	170.25	T		USGS	1
108 N14 E23 01ACAA1	390633119211201		4987.	03/05/2004	114.74	S		NV003	2
108 N14 E24 01ACDD1	390625119142801		4318.	03/01/2004	52.08	S		USGS	2
108 N14 E25 01DDDD1	390558119141101		4321.	03/01/2004	55.80	T		USGS	1
108 N14 E25 03DDDC2	390558119094702	604.	4326.	02/23/2004	20.23	S		NV003	2
108 N14 E25 04DACC1	390611119110301	451.	4315.	02/23/2004	16.61	V		NV003	2
108 N14 E25 08ADDC1	390531119115901	523.	4320.	02/23/2004	22.33	S		NV003	2
				04/19/2004	29.91	S		USGS	2
108 N14 E25 08DCCC1	390507119122801	348.	4320.	02/23/2004	29.06	S		NV003	2
108 N14 E25 10ACDD1	390531119100101		4330.	03/02/2004	22.50	S		USGS	2
108 N14 E25 10ADDD1	390530119094501		4330.	03/02/2004	23.17	S		USGS	2
108 N14 E25 10CCDA1	390509119103401	460.	4332.	02/23/2004	21.96	S		NV003	2
108 N14 E25 15CCDD1	390413119103601		4344.	03/02/2004	25.46	S		USGS	2
108 N14 E25 16DCCB1	390416119112401	25.	4337.	03/02/2004	17.70	T		USGS	1
108 N14 E25 16DCCB2	390416119112402	73.	4335.	03/02/2004	18.66	T		USGS	1
108 N14 E25 18DCBB1	390415119132801	73.	4345.	02/23/2004	56.06	S		NV003	2
108 N14 E25 20DCBA1	390329119122701		4350.	03/01/2004	35.17	T		USGS	1
108 N14 E25 23CADB1	390336119091901		4350.	02/27/2004	12.69	T		USGS	1
108 N14 E25 25BDCC1	390253119081601	510.	4355.	02/27/2004	16.00	S		USGS	2
108 N14 E25 27ACCD1	390225119100801	320.	4357.	02/24/2004	18.20	S		NV003	2
108 N14 E25 27CDDC1	390319119102401		4351.	03/02/2004	18.42	S		USGS	2
108 N14 E25 29DCBC1	390233119122401	150.	4390.	02/24/2004	60.64	S		NV003	2
108 N14 E25 29DCCB1	390230119123301	122.	4380.	03/01/2004	49.32	T		USGS	1
108 N14 E25 32DCDC1	390135119122201	178.	4357.	03/01/2004	17.06	S		USGS	2
108 N14 E25 33CDDC1	390135119113501	504.	4357.	03/01/2004	26.06	S		USGS	2
108 N14 E25 34BCBA2	390152119104401	415.	4365.	02/24/2004	25.08	S		NV003	2
108 N14 E26 03DCBC1	390606119032901	160.	4325.	02/24/2004	7.82	S		NV003	2
108 N14 E26 03DCDD1	390601119031701	160.	4330.	02/24/2004	10.89	S		NV003	2
108 N14 E26 14BCAB1	390453119025301		4330.	02/27/2004	14.95	S		USGS	2
108 N14 E26 18BACA1	390437119065601	550.	4330.	02/27/2004	38.54	S		USGS	2
108 N14 E26 20BAAA1	390411119055401		4341.	02/27/2004	18.25	S		USGS	2
108 N14 E26 22AADA1	390406119030601		4340.	02/27/2004	18.35	T		USGS	1
108 N14 E26 23CBCC1	390336119030201	60.	4340.	02/27/2004	19.90	S		USGS	2
108 N14 E26 26CCDD1	390231119024501	250.	4415.	02/24/2004	93.74	S		NV003	2
108 N14 E26 29DCAA1	390239119053701		4350.	02/27/2004	16.79	S		USGS	2
108 N14 E26 30BCDD1	390255119071701	411.	4352.	02/27/2004	14.01	S		USGS	2
108 N14 E26 31DCCC2	390137119065402	400.	4360.	02/24/2004	16.53	S		NV003	2
108 N14 E26 32BCCC1	390201119062001	120.	4355.	02/24/2004	13.07	S		NV003	2
108 N14 E26 32BCCC2	390201119062002	249.	4355.	02/24/2004	13.12	S		NV003	2
108 N14 E26 32BDDDD1	390203119055101	104.	4356.	02/24/2004	16.72	S		NV003	2
108 N15 E24 32ADAD1	390723119194801		4874.	03/05/2004	115.88	S		USGS	2
108 N15 E24 36DDDA1	390653119141401	341.	4310.	03/01/2004	27.05	T		USGS	1
108 N15 E25 11DCAC1	391004119093201		4318.	03/03/2004	79.71	T		USGS	1
108 N15 E25 21CAAD1	390855119112501		4820.	03/03/2004	3.05	S		USGS	2
108 N15 E25 21CADD1	390829119112901	400.	4289.	03/03/2004	1.42	S		USGS	2
108 N15 E25 27BBCB1	390802119103601		4292.	03/03/2004	2.80	S		USGS	2
108 N15 E25 31BACA1	390735119134601		4301.	03/01/2004	-2.90	S		USGS	2

GROUND-WATER LEVELS

WALKER RIVER BASIN--Continued

Local Well No	Site Identification	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface)				Reporting	
				Date	(Feet)	Status	Method	Agency	Accuracy
108 N15 E25 34ACDD1	390715119095901	370.	4310.	02/23/2004	9.87		S	NV003	2
108 N15 E25 34CBBB1	390714119104801		4308.	03/03/2004	8.44		T	USGS	1
108 N15 E26 20BDBB1	390914119060601	150.	4347.	03/03/2004	59.26		T	USGS	1
110A N15 E26 10B 2	391052119034101		4340.	04/27/2004	66.62		S	USGS	2
110B N09 E29 09CBAA1	383912118451601		4009.	03/16/2004	72.07		T	USGS	1
110B N09 E29 16BBAA1	383845118451601		4065.	03/16/2004	116.93		S	USGS	2
110C N06 E31 17ABBD1	382305118324701	599.	5349.	03/19/2004	120.5		S	USGS	1
110C N06 E31 17BDCD1	382247118330201	503.	5470.	03/19/2004	212.2		S	USGS	2
110C N06 E31 28DCDD1	382034118313301		5554.	03/16/2004	85.95		T	USGS	1
110C N06 E31 33BABB1	382031118315901	86.	5571.	03/16/2004	53.13		T	USGS	1
110C N06 E31 33BABB2	382033118315501	126.	5566.	03/16/2004	84.31		T	USGS	1
110C N07 E30 05DCDC1	382918118392201		4849.	03/16/2004	338.35		T	USGS	1
110C N07 E30 08ACDC1	382850118392401		4974.	03/18/2004	49.12		T	USGS	1
110C N08 E30 03DDA 1	383440118365001	850.	4131.	03/17/2004	60.99		S	USGS	2
				03/17/2004	61.00		S	USGS	2
110C N08 E30 04AAA 1	383525118375101	62.	4056.	03/17/2004	39.20		S	USGS	2
110C N08 E30 21DCD 1	383150118380001	394.	4265.	03/18/2004	214.65		T	USGS	1
110C N08 E30 33ADCD1	383040118380501		4472.	03/19/2004		D		USGS	
110C N08 E31 32BBAB1	383100118330001	452.	4383.	03/17/2004	273.20		S	USGS	2
				03/17/2004	272.13		S	USGS	2
110C N09 E30 29DDD 1	383624118385801	20.	4010.	03/17/2004	13.24		S	USGS	2
				03/17/2004	13.25		S	USGS	2
110C N09 E30 33CAA 1	383550118382201	41.	4039.	03/17/2004	25.28		S	USGS	2
110C N06 E31 33 1	382033118320501		5571.	03/16/2004	84.31		T	USGS	1

QUALITY OF SURFACE WATER
WATERFALL FIRE MONITORING PROJECT

Water-quality measurements in the following table were made to monitor water chemistry and sediment concentrations associated with the Waterfall Forest Fire which occurred in July 2004. Information from these samples should help assess the impacts of vegetation loss on stream chemistry and sediment runoff.

WATER-QUALITY DATA, JULY 2004 TO OCTOBER 2004

Station number	Station name	Date	Time	Sample type	Instantaneous discharge, cfs (00061)	Turbidity, water, unfltrd field, NTU (61028)
10311100	KINGS CANYON CREEK NEAR CARSON CITY, NV	07-23-04	1520	Environmental	.28	.7
		09-03-04	1029	Environmental	.22	--
10311200	ASH CANYON CREEK NEAR CARSON CITY, NV	07-23-04	1415	Environmental	1.9	.5
		08-15-04	1818	Environmental	2.3	--
		08-15-04	1832	Environmental	3.7	--
		08-15-04	1842	Environmental	2.7	--
		08-15-04	1850	Environmental	2.2	--
		08-15-04	1920	Environmental	2.1	--
		08-15-04	1925	Environmental	2.2	--
		09-03-04	1430	Environmental	1.9	--
		10-19-04	1600	Environmental	3.7	--
10311250	VICEE CANYON CREEK NEAR CARSON CITY, NV	08-15-04	1845	Environmental	.21	--

Date	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specific conductance, wat unfltrd uS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	Alkalinity, wat flt fxd end lab, mg/L as CaCO3 (29801)	Chloride, water, fltrd, mg/L (00940)
07-23-04	644	7.0	98	7.7	126	30.5	23.0	15.7	3.64	3.24	4.52	--	.54
09-03-04	--	--	--	--	--	--	--	--	--	--	--	--	--
07-23-04	642	8.5	108	8.0	97	31.5	18.3	14.7	1.97	2.85	5.77	--	.31
08-15-04	--	--	--	--	--	--	--	--	--	--	--	--	--
08-15-04	721	10.4	107	7.3	119	17.0	14.0	--	--	--	--	--	--
08-15-04	--	--	--	--	--	--	--	14.8	2.14	5.12	6.19	--	.46
08-15-04	--	--	--	--	--	--	--	--	--	--	--	--	--
08-15-04	--	--	--	--	--	--	--	--	--	--	--	--	--
08-15-04	--	--	--	--	--	--	--	--	--	--	--	--	--
09-03-04	--	--	--	--	--	--	--	--	--	--	--	--	--
10-19-04	--	--	--	7.9	143	6.0	6.0	17.2	2.75	4.58	6.82	66	1.49
08-15-04	--	--	--	5.9	570	--	--	126	19.8	32.5	6.70	--	7.16

Date	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia + org-N, water, unfltrd, mg/L as N (00625)	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)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, fltrd, mg/L (00666)	Phosphorus, water, unfltrd, mg/L (00665)	Organic carbon, water, fltrd, mg/L (00681)
07-23-04	<.2	25.1	1.4	--	E.08	.14	<.04	.10	<.008	.13	.149	.170	1.4
09-03-04	--	--	--	--	--	--	--	--	--	--	--	--	--
07-23-04	<.2	20.6	1.0	--	<.10	.12	<.04	<.06	<.008	.03	.037	.063	1.7
08-15-04	--	--	--	--	--	--	--	--	--	--	--	--	--
08-15-04	--	--	--	--	--	--	--	--	--	--	--	--	--
08-15-04	<.1	19.9	1.6	67	.87	.92	.05	.17	E.004	1.20	1.40	1.36	10.2
08-15-04	--	--	--	--	--	--	--	--	--	--	--	--	--
08-15-04	--	--	--	--	--	--	--	--	--	--	--	--	--
08-15-04	--	--	--	--	--	--	--	--	--	--	--	--	--
09-03-04	--	--	--	--	--	--	--	--	--	--	--	--	--
10-19-04	<.1	19.3	6.8	112	.28	.23	E.02	.10	<.008	.06	.109	.108	9.0
08-15-04	E.1	8.75	107	763	14	13	3.49	.99	.514	<.02	.53	.59	231

QUALITY OF SURFACE WATER

WATERFALL FIRE MONITORING PROJECT—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Iron, water, fltrd, ug/L (01046)	Mangan- ese, water, fltrd, ug/L (01056)	Suspnd. sedi- ment, sieve diametr percent <.063mm (70331)	Sus- pended sedi- ment concen- tration mg/L (80154)	Sus- pended sedi- ment dis- charge, tons/d (80155)
07-23-04	216	12.4	--	4	<.01
09-03-04	--	--	--	2	<.01
07-23-04	336	13.8	--	5	.03
08-15-04	--	--	--	59	.37
08-15-04	--	--	--	--	--
08-15-04	364	23.7	--	--	--
08-15-04	--	--	43	233	1.4
08-15-04	--	--	91	1,270	7.2
08-15-04	--	--	95	5,580	33
09-03-04	--	--	--	22	.11
10-19-04	243	51.7	--	--	--
08-15-04	53	661	72	--	--

Remark codes used in this table:

- < -- Less than
- E -- Estimated value

QUALITY OF SURFACE WATER

COLORADO RIVER BASIN

Water-quality measurements in the following table were made in cooperation with the U.S. National Park Service to determine gasoline-related organic compound concentrations in Lake Mead and Lake Mohave in the Colorado River Basin. Quality-assurance samples are defined in the introductory text section titled "Water Quality-Control Data."

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Station number	Station Name	Date	Time	Sample type	^a Iso-butyl alcohol -d6, surrog, wat unf pct rcv (62835)	Methyl acetate water unfltrd ug/L (77032)	tert-Amyl alcohol water unfltrd ug/L (77073)	tert-Butyl alcohol water unfltrd ug/L (77035)	^a 1,2-Dichloroethane-d4, sur Sch2090 wat unf pct rcv (99832)	
351308114335501	Lake Mohave at Katherine Landing	05-25-04	1245	Environmental	91.7	<2.0	<.4	<1.00	98.0	
		05-25-04	1300	Replicate	90.2	<2.0	<.4	<1.00	98.1	
			06-02-04	1125	Environmental	93.2	<2.0	<.4	<1.00	100
			06-24-04	1115	Environmental	92.2	<.4	<.4	<1.00	98.0
			06-24-04	1135	Environmental	93.3	<.4	<.4	<1.00	97.3
			07-07-04	1045	Environmental	94.3	<.4	<.4	<1.00	103
			09-07-04	1005	Environmental	88.1	<.4	<.4	<1.00	98.0
			05-25-04	1345	Environmental	85.4	<2.0	<.4	<1.00	97.8
			06-02-04	1100	Environmental	95.4	<2.0	<.4	<1.00	97.5
			06-24-04	1300	Environmental	94.8	<.4	<.4	<1.00	99.1
360149114462701	Lake Mead at Hemway Harbor	07-07-04	1210	Environmental	97.1	<.4	<.4	<1.00	102	
		09-07-04	1035	Environmental	80.9	<.4	<.4	<1.00	94.7	
			05-24-04	1240	Environmental	83.0	<2.0	<.4	<1.00	98.2
			05-24-04	1250	Replicate	86.2	<2.0	<.4	<1.00	99.1
			06-01-04	1130	Environmental	91.9	<2.0	<.4	<1.00	98.7
			06-23-04	1030	Trip Blank	95.5	<.4	<.4	<1.00	98.6
			06-23-04	1100	Environmental	91.0	<.4	<.4	<1.00	97.7
			06-23-04	1110	Environmental	92.4	<.4	<.4	<1.00	99.1
			07-06-04	1115	Environmental	105	<.4	<.4	<1.00	105
			09-08-04	0900	Environmental	96.0	<.4	<.4	<1.00	98.4
360700114505101	Las Vegas Bay QW Platform	05-24-04	1400	Environmental	95.2	<2.0	<.4	<1.00	97.5	
		06-01-04	1340	Environmental	94.5	<2.0	<.4	<1.00	97.9	
		06-23-04	1400	Environmental	89.8	<.4	<.4	<1.00	97.4	
		07-06-04	1435	Environmental	98.0	<.4	<.4	<1.00	102	
		09-08-04	1055	Environmental	97.5	<.4	<.4	<1.00	99.0	
360745114414901	Lake Mead at Callville Point, NV	05-24-04	1125	Environmental	89.3	<2.0	<.4	<1.00	97.7	
		06-01-04	1255	Environmental	93.2	<2.0	<.4	<1.00	99.1	
		06-23-04	1215	Environmental	90.9	<.4	<.4	<1.00	97.5	
		07-06-04	1310	Environmental	96.5	<.4	<.4	<1.00	103	
		09-08-04	0955	Environmental	101	<.4	<.4	<1.00	99.5	

QUALITY OF SURFACE WATER
COLORADO RIVER BASIN—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004—CONTINUED

Date	^a 14Bromo fluoro- benzene surrog. VOC Sch wat unfltrd pct rcv (99834)	Acetone water unfltrd ug/L (81552)	Benzene water unfltrd ug/L (34030)	Diiso- propyl ether, water, unfltrd ug/L (81577)	Ethyl- benzene water unfltrd ug/L (34371)	Methyl tert- pentyl ether, water, unfltrd ug/L (50005)	meta- + para- Xylene, water, unfltrd ug/L (85795)	o- Xylene, water, unfltrd ug/L (77135)	t-Butyl ethyl ether, water, unfltrd ug/L (50004)	Methyl t-butyl ether, water, unfltrd ug/L (78032)	Toluene water unfltrd ug/L (34010)	^a Toluene -d8, surrog, Sch2090 wat unfltrd pct rcv (99833)
05-25-04	98.2	1	.55	<.08	.50	<.07	2.10	.83	<.1	.23	2.37	99.7
05-25-04	97.1	1	.55	<.08	.50	<.07	2.10	.83	<.1	.20	2.38	100
06-02-04	101	E1	1.41	<.08	1.33	<.07	5.78	2.32	<.1	.43	6.35	101
06-24-04	105	1	1.73	<.08	1.88	<.07	7.74	3.23	<.1	.50	8.89	102
06-24-04	103	E1	1.68	<.08	1.84	<.07	7.68	3.20	<.1	.52	8.75	100
07-07-04	97.6	2	1.36	<.08	1.37	<.07	5.17	2.43	<.1	.47	6.49	96.9
09-07-04	103	2	.62	<.08	.61	<.07	2.40	1.04	<.1	.13	2.85	102
05-25-04	97.0	1	.32	<.08	.31	<.07	1.31	.52	<.1	.16	1.55	99.9
06-02-04	98.3	E1	1.08	<.08	1.31	<.07	5.56	2.28	<.1	.35	5.94	100
06-24-04	105	1	1.46	<.08	1.81	<.07	7.43	3.17	<.1	.55	8.57	101
07-07-04	97.6	2	1.26	<.08	1.42	<.07	5.34	2.56	<.1	.57	6.60	96.5
09-07-04	104	2	.65	<.08	.71	<.07	2.85	1.22	<.1	.16	3.28	102
05-24-04	97.4	2	.35	<.08	.33	<.07	1.44	.57	<.1	E.09	1.61	101
05-24-04	97.1	2	.17	<.08	.16	<.07	.68	.28	<.1	E.04	.75	101
06-01-04	95.3	3	.15	<.08	.11	<.07	.46	.20	<.1	<.08	.58	101
06-23-04	97.9	<1	<.01	<.08	<.03	<.07	<.07	<.04	<.1	<.08	<.01	99.3
06-23-04	101	3	.12	<.08	.12	<.07	.46	.19	<.1	<.08	.56	101
06-23-04	102	2	.11	<.08	.09	<.07	.34	.14	<.1	<.08	.46	101
07-06-04	98.6	3	.16	<.08	.12	<.07	.46	.19	<.1	<.08	.61	98.2
09-08-04	99.1	3	.13	<.08	.06	<.07	.21	.07	<.1	<.08	.56	101
05-24-04	94.9	2	E.03	<.08	E.02	<.07	E.07	E.03	<.1	<.08	.07	99.7
06-01-04	95.1	E1	E.02	<.08	<.03	<.07	E.01	<.04	<.1	<.08	E.01	99.5
06-23-04	99.5	E1	E.04	<.08	<.03	<.07	E.03	E.01	<.1	<.08	E.04	101
07-06-04	98.5	2	.16	<.08	.15	<.07	.70	.30	<.1	<.08	.67	99.1
09-08-04	99.6	<1	E.03	<.08	<.03	<.07	E.03	E.01	<.1	<.08	E.04	101
05-24-04	96.2	3	.36	<.08	.24	<.07	1.02	.41	<.1	E.05	1.29	99.9
06-01-04	98.6	3	1.06	<.08	.70	<.07	3.88	1.59	<.1	.20	3.58	101
06-23-04	102	3	.40	<.08	.26	<.07	1.39	.56	<.1	.18	1.31	98.5
07-06-04	97.5	3	.53	<.08	.43	<.07	1.72	.72	<.1	E.06	2.15	98.0
09-08-04	103	2	.76	<.08	.37	<.07	1.47	.65	<.1	E.06	2.54	102

Remark codes used in this table:

< -- Less than
E -- Estimated value

^a -- Listed values are recovery percentages for the indicated compounds. These compounds are added to the sample to determine the relative recovery of other organic compounds that are detected using the same analytical method.

SPRING DISCHARGE
CARBONATE ROCK STUDY AREA

Measurement method--A, Acoustic Meter; C, current meter.; F, flume.

Spring Number	Site Identification	Spring Name	Land Surface Elevation (Feet)	Measurement		
				Date	Discharge (GPM)	Method
156 N04 E50 20C 1	381105116221301	Warm Spring	5500.	04/20/2004	399.	C
				09/22/2004	296.	C
173B N13 E56 32BACD1	385650115421301	Big Warm Spring	5605.	04/21/2004	6910.	C
				09/22/2004	7190.	C
207 N06 E61 18AADA1	382259115090801	NDW - Hot Creek Spring	5225.	04/23/2004	4670.	C
				09/24/2004	4580.	C
207 N07 E62 28ABDC1	382624115004001	Butterfield Spring	5320.	04/23/2004	1020.	C
				09/24/2004	942.	C
207 N07 E62 33BCAB1	382526115011401	Flag Spring 1	5290.	04/23/2004	950.	C
				09/24/2004	950.	C
207 N07 E62 33BCCB1	382522115012001	Flag Spring 2	5280.	04/23/2004	1095.	C
				09/24/2004	1400.	C
207 N07 E62 33BCCC1	382517115012001	Flag Spring 3	5290.	04/23/2004	825.	C
				09/11/2004	810.	C
207 N09 E61 32DABC1	383540115081801	Moorman Spring	5295.	04/22/2004	260.	C
				09/24/2004	211.	C
207 N12 E61 12BDAD1	385507114574801	Cold Springs	6020.	04/22/2004	260.	C
207 N12 E61 12DBDD1	385530115044601	Nicholas Spring	5700.	04/22/2004	1200.	C
219 S14 E65 16ABB 1	364327114430801	Muddy River Springs 10	1650.	04/20/2004	280.	A
				09/21/2004	300.	A
219 S14 E65 21 1	364238114424301	Muddy River Springs 20	1778.	04/20/2004	380.	A
				09/21/2004	320.	A
219 S14 E65 21AAAA1	364238114424201	Muddy River Springs 15	1780.	04/20/2004	870.	A
				09/21/2004	920.	A
219 S14 E65 21AAAA2	364236114424301	Warm Springs East	1790.	04/20/2004	1475.	A
				09/21/2004	1780.	A
219 S14 E65 21AAB2	364238114424401	Muddy River Springs 16	1780.	04/20/2004	90.	A
				09/21/2004	120.	A
219 S14 E65 21AABB1	364235114425201	Muddy River Springs 11	1800.	04/20/2004	350.	A
				09/21/2004	370.	A
219 S14 E65 21AABB3	364236114425401	Muddy River Springs 13	1800.	04/20/2004	260.	A
				09/21/2004	480.	A
219 S14 E65 21AABB4	364237114425401	Muddy River Springs 12	1800.	04/20/2004	140.	A
				09/21/2004	140.	A
219 S14 E65 21AABB5	364235114425301	Muddy River Springs 19	1800.	04/20/2004	330.	A
				09/21/2004	430.	A

HIGH-ELEVATION PRECIPITATION NETWORK

CARBONATE ROCK STUDY AREA

High-elevation precipitation data are collected at sites in eastern and southeastern Nevada.

Station Name	Site Identification	Latitude	Longitude	Elevation (feet)	Period	Precipitation (inches)
Cave Mountain	390946114364901	39°09'46"	114°36'49"	10,650	10/18/03 to 07/09/04	13.25
					07/09/04 to 10/13/04	5.25
Cherry Creek Range	400726114524701	40°07'26"	114°52'47"	9,700	10/17/03 to 07/09/04	13.75
					07/09/04 to 10/13/04	3.50
Hayford Peak	363929115115801	36°39'29"	115°11'58"	9,840	10/22/03 to 06/16/04	10.00
					06/16/04 to 10/14/04	5.00
Highland Peak	375337114343801	37°53'37"	114°34'38"	9,330	10/16/03 to 05/28/04	11.50
					05/28/04 to 10/20/04	6.50
Kawich Range	380025116273801	38°00'25"	116°27'38"	9,100	10/22/03 to 06/16/04	8.5
					06/16/04 to 10/14/04	1.25
Kyle Canyon	361457115373301	36°14'57"	115°37'33"	7,760	10/24/03 to 06/03/04	10.00
					06/03/04 to 10/22/04	14.75
Lee Canyon	361822115402501	36°18'22"	115°40'25"	8,510	10/24/03 to 06/17/04	12.25
					06/17/04 to 10/22/04	8.75
Mt. Hamilton	391436115323901	39°14'36"	115°32'39"	10,600	10/17/03 to 06/09/04	11.75
					06/09/04 to 10/13/04	2.00
Mt. Irish	373915115232801	37°39'15"	115°23'28"	8,607	10/22/03 to 06/16/04	5.50
					06/16/04 to 10/14/04	2.00
Mt. Washington	385409114185401	38°54'09"	114°18'54"	10,440	10/16/03 to 06/09/04	14.50
Mt. Wilson	381438114233301	38°14'38"	114°23'33"	9,200	10/16/03 to 05/28/04	13.25
Potosi Peak	355641115294601	35°56'41"	115°29'46"	8,080	10/15/03 to 05/27/04	12.25
					05/27/04 to 10/18/04	2.00
Quinn Canyon Range	381157115373101	38°11'57"	115°37'31"	9,100	10/22/03 to 06/16/04	6.75
					06/16/04 TO 10/14/04	2.00
Sheep Peak	363500115144301	36°35'00"	115°14'43"	9,600	10/22/03 to 06/16/04	10.50
					06/16/04 to 10/14/04	4.00
Trough Spring	362240115462101	36°22'40"	115°46'21"	8,240	10/15/03 to 05/27/04	8.50
					05/27/04 to 10/15/04	5.00
Unnamed peak in South Delamar Mountains	372035114432901	37°20'35"	114°43'29"	7,800	10/22/03 to 06/16/04	9.25
					06/16/04 to 10/14/04	2.50
Unnamed peak Northwest of Mt. Moriah	391913114143101	39°19'13"	114°14'31"	9,300	10/17/04 to 07/09/04	14.00
					07/09/04 to 10/13/04	3.75
Unnamed peak South of Chokecherry Peak	373107114433301	37°31'07"	114°43'33"	7,800	10/16/03 to 06/15/04	8.25

GROUND-WATER LEVELS, CONTINUOUS OBSERVATION WELLS

STEPTOE VALLEY

38552114503601. Local Number, 179 N12 E63 12AB 1.

LOCATION.--Lat 38°55'21", long 114°50'36" referenced to North American Datum of 1927, in NW ¼ NE ¼ sec. 12, T.12 N., R.63 E., White Pine County, Hydrologic Unit 16060008.

AQUIFER.--Alluvium of Quaternary age and Paleozoic Carbonate Rock.

WELL CHARACTERISTICS.--Diameter 6 in, depth 2447 ft, cased to 640 ft, open hole from 640 to 2447 ft.

INSTRUMENTATION.--Water-level recorder.

DATUM.--Elevation of land-surface datum is 7,320 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring Point: Top lip of the casing 1.2 ft above land-surface.

PERIOD OF RECORD.--October 1980 to current year.

EXTREMES FOR PERIOD OF RECORD.--Maximum water-level depth below land surface recorded, 431.01 ft, September 30, 2004; minimum water-level depth below land surface, 410.35 ft, July 31, 1984.

EXTREMES FOR CURRENT YEAR.--Maximum water-level depth below land surface, 431.01 ft, September 30; minimum water-level depth below land surface, 428.72 ft, October 2.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	428.86	429.00	429.27	429.84	429.80	430.26	430.09	430.13	429.94	430.00	430.19	430.43
2	428.79	428.99	429.32	429.84	429.74	430.28	430.07	430.12	429.96	430.00	430.19	430.34
3	428.80	429.00	429.30	429.83	429.61	430.32	430.07	430.07	429.99	429.99	430.18	430.33
4	428.84	429.06	429.32	429.80	429.65	430.27	430.04	430.02	430.00	430.00	430.19	430.41
5	428.88	429.09	429.29	429.74	429.75	430.36	430.01	430.01	429.96	430.03	430.19	430.50
6	428.87	429.13	429.22	429.64	429.79	430.37	429.99	430.03	429.89	430.05	430.22	430.52
7	428.83	429.12	429.17	429.58	429.69	430.33	430.01	430.03	429.83	429.99	430.25	430.49
8	428.86	429.13	429.32	429.62	429.71	430.21	430.01	430.02	429.83	429.97	430.28	430.48
9	428.84	429.12	429.45	429.62	429.73	430.04	430.06	429.99	429.86	430.00	430.29	430.47
10	428.86	429.15	429.45	429.56	429.73	429.98	430.07	429.88	429.95	430.04	430.28	430.49
11	428.94	429.19	429.45	429.51	429.74	429.93	430.08	429.92	429.96	430.06	430.27	430.51
12	428.96	429.16	429.45	429.54	429.84	429.86	430.07	429.98	429.97	430.07	430.28	430.45
13	429.00	429.13	429.42	429.57	429.90	429.90	430.03	430.04	430.00	430.09	430.29	430.41
14	428.95	429.16	429.31	429.51	429.94	429.92	429.99	430.03	429.98	430.11	430.31	430.48
15	428.94	429.12	429.41	429.43	430.00	429.93	429.98	429.99	429.95	430.12	430.30	430.51
16	429.02	429.10	429.47	429.45	430.08	429.91	429.97	429.96	429.95	430.10	430.30	430.51
17	429.05	429.16	429.47	429.58	430.13	429.87	429.93	429.96	429.98	430.10	430.31	430.50
18	429.04	429.29	429.50	429.68	430.07	429.85	430.01	429.97	429.98	430.11	430.29	430.44
19	429.03	429.25	429.53	429.74	430.08	429.89	430.03	429.98	429.98	430.11	430.29	430.40
20	429.06	429.13	429.52	429.80	430.10	430.02	430.03	429.97	429.96	430.11	430.32	430.51
21	429.07	429.05	429.59	429.85	430.07	430.02	429.96	429.96	429.96	430.11	430.31	430.60
22	429.04	429.14	429.72	429.80	430.09	429.91	430.01	429.94	429.96	430.10	430.27	430.60
23	429.01	429.25	429.68	429.68	430.12	429.87	430.09	429.91	430.00	430.11	430.26	430.65
24	429.02	429.16	429.65	429.51	430.21	429.88	430.08	429.95	430.00	430.15	430.30	430.73
25	429.08	429.12	429.60	429.52	430.22	429.86	430.14	429.97	430.00	430.17	430.32	430.79
26	429.12	429.22	429.65	429.58	430.16	429.88	430.17	429.98	429.97	430.15	430.33	430.84
27	429.07	429.38	429.82	429.60	430.16	429.97	430.09	429.98	429.95	430.14	430.41	430.88
28	428.97	429.35	429.87	429.60	430.22	430.06	429.91	429.92	429.98	430.14	430.41	430.90
29	428.82	429.27	429.78	429.65	430.28	430.09	429.95	429.94	429.97	430.14	430.41	430.89
30	428.82	429.27	429.80	429.66	---	430.10	430.08	429.99	429.99	430.14	430.42	430.92
31	428.93	---	429.83	429.71	---	430.12	---	429.99	---	430.16	430.45	---
MAX	429.12	429.38	429.87	429.85	430.28	430.37	430.17	430.13	430.00	430.17	430.45	430.92
MIN	428.79	428.99	429.17	429.43	429.61	429.85	429.91	429.88	429.83	429.97	430.18	430.33

GROUND-WATER LEVELS, CONTINUOUS OBSERVATION WELLS

DRY LAKE VALLEY

374215114453101. Local Number, 181 S03 E64 12AC 1.

LOCATION.--Lat 37°42'15", long 114°45'31" referenced to North American Datum of 1927, in SW ¼ NE ¼ sec. 12, T.03 S., R.64 E., Lincoln County, Hydrologic Unit 16060009.

AQUIFER.--Alluvium of Quaternary age and Paleozoic Carbonate Rock.

WELL CHARACTERISTICS.--Diameter 10.0 in, depth 1,000 ft.

INSTRUMENTATION.--Water-level recorder.

DATUM.--Elevation of land-surface datum is 4,640 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring Point: Top lip of casing, orange mark, 2.0 ft above land-surface datum.

PERIOD OF RECORD.--1980 to current year.

EXTREMES FOR PERIOD OF RECORD.--Maximum water-level depth below land surface recorded, 395.00 ft April 16, 1983; minimum water-level depth below land surface, 393.59 ft, October 29, 30, 2003.

EXTREMES FOR CURRENT YEAR.--Maximum water-level depth below land surface, 394.31 ft, March 7; minimum water-level depth below land surface, 393.59 ft, October 29, 30.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	393.99	393.99	393.99	393.95	393.99	393.97	393.81	394.10	393.92	393.99	393.98	393.96
2	393.87	393.95	394.06	393.91	393.97	393.94	393.87	394.07	393.96	393.98	393.96	393.79
3	393.91	393.93	393.98	393.94	393.79	394.01	393.99	393.99	394.02	393.93	393.95	393.83
4	393.98	394.02	394.00	394.12	393.95	393.91	393.99	393.92	394.02	393.94	393.94	393.97
5	394.00	394.03	393.96	394.15	394.12	394.08	393.96	393.92	393.96	393.99	393.95	394.03
6	393.97	394.06	393.87	394.02	394.20	394.18	393.95	393.99	393.87	394.00	393.97	394.00
7	393.92	394.02	393.81	393.99	394.00	394.25	393.97	394.02	393.82	393.92	393.99	393.95
8	393.96	394.02	393.96	394.11	394.05	394.16	393.95	393.97	393.85	393.91	394.00	393.94
9	393.92	393.97	394.05	394.11	394.05	393.99	394.00	393.91	393.93	393.94	393.99	393.94
10	393.91	393.99	393.89	394.01	394.06	393.97	394.01	393.78	394.05	393.98	393.96	393.96
11	394.07	394.06	393.87	393.97	394.00	393.99	394.03	393.89	394.02	393.99	393.94	393.97
12	394.03	393.96	394.02	394.04	394.07	393.90	394.00	393.99	394.00	393.97	393.96	393.87
13	394.07	393.95	394.04	394.09	394.01	393.99	393.95	394.06	394.04	393.97	393.97	393.81
14	394.00	393.98	393.88	393.97	393.96	394.04	393.91	394.00	393.98	394.01	393.97	393.88
15	393.96	393.93	394.11	393.86	393.99	394.06	393.91	393.93	393.95	394.01	393.99	393.94
16	394.06	393.90	394.19	393.90	394.05	394.02	393.92	393.90	393.97	393.98	393.98	393.92
17	394.09	393.98	394.09	393.99	394.08	393.96	393.87	393.92	394.03	393.98	393.95	393.90
18	394.04	394.15	394.05	394.00	393.90	393.95	394.03	393.96	394.03	393.98	393.91	393.80
19	394.03	394.05	393.97	393.95	393.91	394.00	394.02	393.97	394.01	393.97	393.92	393.76
20	394.05	393.87	393.87	393.95	393.92	394.08	393.99	393.96	393.96	393.95	393.95	394.01
21	394.04	393.77	393.92	394.10	393.85	394.00	393.88	393.95	393.94	393.94	393.93	394.11
22	393.99	393.98	394.08	394.11	393.86	393.89	393.96	393.94	393.98	393.92	393.86	394.06
23	393.94	394.14	393.95	393.98	393.87	393.87	394.06	393.90	394.01	393.93	393.85	394.02
24	394.00	393.93	393.86	393.79	394.02	393.93	394.04	393.95	394.02	393.99	393.91	394.00
25	394.09	393.82	393.75	393.89	394.02	393.92	394.09	393.98	393.99	394.01	393.94	393.96
26	394.10	393.98	393.85	394.05	393.87	393.93	394.12	393.99	393.95	393.95	393.90	393.94
27	393.98	394.25	394.12	394.03	393.87	394.06	393.99	393.99	393.94	393.93	394.03	393.94
28	393.84	394.13	394.13	393.99	393.95	394.15	393.75	393.91	393.97	393.95	394.01	393.91
29	393.66	393.96	393.93	394.01	394.02	394.08	393.89	393.98	393.97	393.92	393.96	393.86
30	393.70	393.97	393.92	393.89	---	393.93	394.06	394.05	393.98	393.92	393.96	393.87
31	393.89	---	393.93	393.86	---	393.88	---	394.00	---	393.94	393.99	---
MAX	394.10	394.25	394.19	394.15	394.20	394.25	394.12	394.10	394.05	394.01	394.03	394.11
MIN	393.66	393.77	393.75	393.79	393.79	393.87	393.75	393.78	393.82	393.91	393.85	393.76

GROUND-WATER LEVELS, CONTINUOUS OBSERVATION WELLS

DELAMAR VALLEY

372639114520901, Local Number, 182 S06 E63 12AD 1.

LOCATION.--Lat 37°26'39", long 114°52'09" referenced to North American Datum of 1927, in SE ¼ NE ¼ sec. 12, T.06 S., R.63 E., Lincoln County, Hydrologic Unit 16060009.

AQUIFER.--Alluvium of Quaternary age and Paleozoic Carbonate Rock.

WELL CHARACTERISTICS.--Diameter 2.0 in, depth 1,015 ft.

INSTRUMENTATION.--Water-level recorder.

PERIOD OF RECORD.--1980 to current year.

GAGE.--Elevation of land-surface datum is 4,710 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top lip of casing, 2.05 ft above land-surface datum.

EXTREMES FOR PERIOD OF RECORD.--Maximum water-level depth below land surface recorded, 865.85 ft, March 15, 1990; minimum water-level depth below land surface recorded, 862.66 ft, May 08, 2003.

EXTREMES FOR CURRENT YEAR.--Maximum water-level depth below land surface, 863.36 ft, October 26, November 27, 28; minimum water-level depth below land surface, 862.49 ft, October 30, December 26.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	863.03	862.82	863.09	862.88	862.87	862.81	862.72	863.10	862.88	863.07	---	863.07
2	862.88	862.80	863.17	862.81	862.86	862.76	862.71	863.12	862.90	863.07	---	862.87
3	862.87	862.79	863.10	862.80	862.64	862.84	862.84	863.06	862.97	863.01	---	862.80
4	862.93	862.90	863.10	863.02	862.75	862.74	862.88	862.97	863.02	863.00	---	862.95
5	862.97	862.94	863.07	863.14	862.98	862.93	862.86	862.93	862.97	863.05	863.01	863.05
6	862.96	863.01	862.94	863.06	863.17	863.11	862.85	862.99	862.84	863.07	863.04	863.07
7	862.90	863.01	862.81	863.02	863.03	863.30	862.88	863.03	862.73	863.00	863.07	863.03
8	862.91	863.04	862.91	863.16	863.07	863.29	862.86	862.98	862.70	862.96	863.10	863.02
9	862.87	862.99	863.04	---	863.09	863.15	862.92	862.91	862.76	862.97	863.10	863.01
10	862.81	863.00	862.89	---	863.12	863.07	862.95	862.71	862.91	863.01	863.09	863.05
11	863.00	863.08	862.82	863.07	863.06	863.07	862.99	862.74	862.94	863.04	863.06	863.07
12	863.02	862.99	862.96	863.14	863.14	862.94	862.98	862.84	862.95	863.03	863.06	862.97
13	863.09	862.98	863.03	863.22	863.09	862.99	862.93	862.96	863.02	863.04	863.08	862.86
14	863.05	863.00	862.87	863.10	863.02	863.07	862.86	862.96	862.97	863.09	863.08	862.86
15	863.00	862.93	863.10	862.92	863.03	863.11	862.83	862.88	862.93	863.12	863.11	862.93
16	863.11	862.87	863.29	862.90	863.10	863.09	862.82	862.82	862.95	863.09	863.12	862.91
17	863.18	862.94	863.26	862.97	863.17	863.02	862.73	862.81	863.02	863.08	863.10	862.89
18	863.17	863.16	863.24	862.99	862.97	862.98	862.89	862.85	863.06	863.09	863.05	862.76
19	863.17	863.13	863.16	862.94	862.91	863.03	862.93	862.87	863.07	863.08	863.04	862.64
20	863.21	862.94	863.00	862.92	862.88	863.13	862.94	862.86	863.03	863.06	863.06	862.87
21	863.22	862.74	862.99	863.08	862.76	863.08	862.79	862.86	862.98	863.04	863.04	863.06
22	863.16	862.88	863.15	863.16	862.71	862.94	862.82	862.84	863.01	862.99	862.94	863.11
23	863.09	863.11	863.03	863.06	862.67	862.84	862.96	862.79	863.06	862.98	862.88	863.11
24	863.12	862.96	862.89	862.80	862.83	862.86	862.98	862.81	863.09	863.06	862.91	863.11
25	863.24	862.78	862.69	862.81	862.89	862.84	863.08	862.84	863.08	863.10	862.95	863.08
26	863.31	862.89	862.69	862.98	862.72	862.82	863.18	862.88	863.04	863.06	862.89	863.05
27	863.21	863.25	863.01	863.01	862.67	862.98	863.08	862.91	863.01	863.01	863.03	863.03
28	863.01	863.26	863.11	862.98	862.73	863.13	862.76	862.82	863.04	---	863.06	862.98
29	862.71	863.11	---	863.00	862.84	863.13	862.80	862.86	863.03	---	863.04	862.89
30	862.56	863.08	862.88	862.87	---	862.98	862.99	862.98	863.05	---	863.05	862.87
31	862.69	---	862.86	862.76	---	862.88	---	862.97	---	---	863.09	---
MAX	863.31	863.26	--	--	863.17	863.30	863.18	863.12	863.09	--	--	863.11
MIN	862.56	862.74	--	--	862.64	862.74	862.71	862.71	862.70	--	--	862.64

GROUND WATER LEVELS, CONTINUOUS OBSERVATION WELLS

COYOTE SPRING VALLEY

364743114533101. Local Number, 210 S13 E63 23DDDC1.

LOCATION.--Lat 36°47'43", long 114°53'31" referenced to North American Datum of 1927, in SE ¼ SE ¼ SE ¼ sec. 23, T.13 S., R.63 E., Clark County, Hydrologic Unit 15010012,

AQUIFER.--Paleozoic carbonate rock.

WELL CHARACTERISTICS.--Diameter 10 in, cased to 669 ft, depth 669 ft.

INSTRUMENTATION.--Water-level recorder.

DATUM.--Elevation of land-surface datum is 2,173 ft above National Geodetic Vertical Datum of 1929. Measuring Point: Top lip of the casing, 1.0 ft. above land-surface datum.

PERIOD OF RECORD.--1981 to current year. Records from July 1986 to September 1986 are unpublished and available in the files of the U.S. Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Maximum water-level depth below land surface recorded, 354.90 ft September 21 and 22, 2004; minimum water-level depth below land surface measured, 350.9 ft, September 27, 1990.

EXTREMES FOR CURRENT YEAR.--Maximum water-level depth below land surface, 354.90 ft, September 21, 22; minimum water-level depth below land surface, 353.89 ft, April 28.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	354.53	354.59	354.60	354.47	354.42	354.30	354.09	354.27	354.20	354.43	354.55	354.67
2	354.47	354.56	354.63	354.41	354.39	354.26	354.17	354.25	354.23	354.42	354.55	354.55
3	354.50	354.57	354.57	354.45	354.27	354.28	354.25	354.18	354.27	354.39	354.55	354.58
4	354.55	354.63	354.58	354.59	354.35	354.22	354.24	354.14	354.29	354.40	354.55	354.70
5	354.56	354.64	354.56	354.61	354.48	354.36	354.21	354.14	354.24	354.43	354.57	354.74
6	354.54	354.66	354.49	354.52	354.56	354.43	354.19	354.20	354.18	354.44	354.59	354.71
7	354.52	354.64	354.43	354.49	354.43	354.45	354.21	354.22	354.14	354.41	354.61	354.67
8	354.55	354.64	354.54	354.55	354.46	354.39	354.20	354.18	354.18	354.39	354.61	354.67
9	354.51	354.60	354.62	354.55	354.46	354.28	354.21	354.14	354.27	354.42	354.59	354.68
10	354.51	354.60	354.51	354.48	354.46	354.26	354.23	354.06	354.34	354.45	354.60	354.70
11	354.64	354.65	354.48	354.44	354.43	354.27	354.25	354.12	354.32	354.45	354.58	354.71
12	354.62	354.57	354.58	354.50	354.49	354.21	354.21	354.22	354.32	354.44	354.61	354.64
13	354.65	354.62	354.61	354.53	354.44	354.25	354.17	354.25	354.34	354.46	354.62	354.60
14	354.62	354.63	354.50	354.43	354.39	354.29	354.14	354.22	354.30	354.51	354.63	354.62
15	354.59	354.58	354.66	354.36	354.39	354.30	354.13	354.16	354.28	354.51	354.64	354.68
16	354.66	354.56	354.72	354.38	354.43	354.28	354.13	354.14	354.30	354.49	354.65	354.67
17	354.67	354.61	354.63	354.44	354.44	354.23	354.10	354.16	354.36	354.49	354.63	354.65
18	354.64	354.71	354.59	354.46	354.30	354.22	354.24	354.19	354.38	354.49	354.60	354.59
19	354.64	354.65	354.55	354.41	354.30	354.27	354.22	354.22	354.38	354.48	354.61	354.57
20	354.65	354.53	354.47	354.41	354.31	354.31	354.19	354.22	354.34	354.49	354.62	354.76
21	354.64	354.43	354.49	354.51	354.26	354.24	354.09	354.21	354.31	354.47	354.62	354.83
22	354.62	354.62	354.59	354.53	354.26	354.17	354.16	354.21	354.36	354.45	354.58	354.81
23	354.58	354.73	354.50	354.44	354.26	354.15	354.22	354.18	354.39	354.47	354.56	354.77
24	354.62	354.58	354.44	354.31	354.36	354.19	354.20	354.20	354.40	354.54	354.61	354.75
25	354.71	354.49	354.34	354.37	354.36	354.19	354.24	354.22	354.39	354.55	354.63	354.72
26	354.73	354.58	354.43	354.50	354.25	354.19	354.27	354.25	354.37	354.52	354.59	354.71
27	354.62	354.78	354.63	354.48	354.23	354.29	354.18	354.25	354.37	354.51	354.68	354.71
28	354.50	354.71	354.64	354.43	354.29	354.36	354.02	354.19	354.40	354.53	354.68	354.69
29	354.39	354.60	354.50	354.42	354.34	354.31	354.14	354.25	354.40	354.51	354.65	354.66
30	354.38	354.59	354.47	354.35	---	354.20	354.25	354.32	354.42	354.51	354.66	354.68
31	354.53	---	354.45	354.32	---	354.15	---	354.26	---	354.52	354.69	---
MAX	354.73	354.78	354.72	354.61	354.56	354.45	354.27	354.32	354.42	354.55	354.69	354.83
MIN	354.38	354.43	354.34	354.31	354.23	354.15	354.02	354.06	354.14	354.39	354.55	354.55

GROUND-WATER LEVELS, CONTINUOUS OBSERVATION WELLS

HIDDEN VALLEY (NORTH)

363308114553001. Local Number, 217 S16 E63 09DDAB1.

LOCATION.--Lat 36°33'10", long 114°55'25" referenced to North American Datum of 1927, in NE ¼ SE ¼ SE ¼ sec. 09, T.16 S., R.63 E., Clark County, Hydrologic Unit 15010012, adjacent to U.S. Highway 93, approximately 16.5 mi south of the intersection of U.S. Highway 93 and State Route 168.

AQUIFER.--Carbonate of Paleozoic age.

WELL CHARACTERISTICS.--Diameter 5 in, depth of 920 ft, cased to 45 ft, open hole 45 to 920 ft.

INSTRUMENTATION.--Water-level recorder.

DATUM.--Elevation of land-surface datum is 2,649 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring Point: Top lip of the casing, 0.6 ft above land-surface.

PERIOD OF RECORD.--1985 to current year.

EXTREMES FOR PERIOD OF RECORD.--Maximum water-level depth below land surface recorded, 845.27 ft, September 27-30, 2002; minimum water-level depth below land surface recorded, 831.67 ft, December 25, 26, 2003, April 21, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum water-level depth below land surface, 832.82 ft, March 7; minimum water-level depth below land surface, 831.67 ft, December 25, 26, April 21.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	832.32	832.18	832.39	832.18	832.25	832.24	831.99	832.39	832.15	832.45	832.41	832.45
2	832.13	832.15	832.46	832.05	832.24	832.15	832.05	832.36	832.19	832.44	832.45	832.22
3	832.14	832.14	832.35	832.05	831.94	832.23	832.24	832.25	832.29	832.37	832.41	832.14
4	832.26	832.29	832.34	832.38	832.08	832.09	832.26	832.14	832.34	832.35	832.40	832.41
5	832.29	832.32	832.32	832.49	832.36	832.37	832.19	832.11	832.27	832.42	832.42	832.52
6	832.25	832.39	832.18	832.35	832.62	832.59	832.11	832.22	832.11	832.44	832.45	832.51
7	832.18	832.38	832.02	832.28	832.41	832.74	832.07	832.28	832.01	832.37	832.49	832.44
8	832.21	832.42	832.15	832.45	832.46	832.69	832.02	832.20	832.02	832.30	832.48	832.42
9	832.15	832.35	832.39	832.47	832.46	832.49	832.07	832.09	832.14	832.34	832.48	832.45
10	832.08	832.33	832.18	832.35	832.50	832.36	832.08	831.89	832.33	832.39	832.48	832.50
11	832.36	832.44	832.08	832.26	832.43	832.40	832.17	831.93	832.31	832.41	832.43	832.50
12	832.38	832.32	832.27	832.37	832.57	832.25	832.13	832.10	832.30	832.38	832.49	832.37
13	832.43	832.36	832.40	832.46	832.50	832.32	832.06	832.23	832.39	832.40	832.54	832.24
14	832.41	832.38	832.18	832.29	832.39	832.43	831.96	832.21	832.31	832.49	832.54	832.23
15	832.33	832.30	832.45	832.08	832.39	832.48	831.93	832.12	832.25	832.52	832.55	832.35
16	832.46	832.22	832.69	832.07	832.48	832.43	831.88	832.03	832.27	832.47	832.57	832.34
17	832.54	832.32	832.56	832.19	832.56	832.34	831.75	832.05	832.39	832.48	832.56	832.33
18	832.50	832.55	832.50	832.23	832.27	832.29	831.99	832.13	832.44	832.46	832.44	832.19
19	832.48	832.49	832.41	832.17	832.19	832.35	832.01	832.16	832.47	832.44	832.45	832.08
20	832.52	832.23	832.23	832.14	832.21	832.47	831.99	832.15	832.41	832.41	832.45	832.38
21	832.52	831.99	832.21	832.36	832.09	832.37	831.81	832.16	832.31	832.38	832.45	832.63
22	832.45	832.23	832.43	832.48	832.04	832.19	831.91	832.14	832.38	832.31	832.34	832.66
23	832.34	832.58	832.27	832.37	832.02	832.10	832.17	832.09	832.46	832.32	832.27	832.62
24	832.39	832.33	832.12	832.06	832.24	832.15	832.18	832.11	832.49	832.44	832.33	832.59
25	832.58	832.08	831.91	832.10	832.31	832.16	832.26	832.14	832.47	832.50	832.38	832.54
26	832.67	832.21	831.96	832.39	832.09	832.13	832.39	832.20	832.41	832.45	832.27	832.50
27	832.49	832.69	832.39	832.40	832.04	832.33	832.25	832.22	832.37	832.39	832.44	832.49
28	832.22	832.65	832.50	832.31	832.14	832.53	831.90	832.12	832.41	832.42	832.48	832.43
29	831.92	832.42	832.24	832.32	832.27	832.50	832.05	832.17	832.40	832.37	832.43	832.34
30	831.77	832.37	832.14	832.18	---	832.28	832.33	832.35	832.43	832.34	832.44	832.33
31	832.03	---	832.12	832.02	---	832.15	---	832.28	---	832.37	832.48	---
MAX	832.67	832.69	832.69	832.49	832.62	832.74	832.39	832.39	832.49	832.52	832.57	832.66
MIN	831.77	831.99	831.91	832.02	831.94	832.09	831.75	831.89	832.01	832.30	832.27	832.08

GROUND-WATER LEVELS, CONTINUOUS OBSERVATION WELLS

MUDDY RIVER SPRINGS AREA (UPPER MOAPA VALLEY)

364650114432001. Local Number, 219 S13 E65 28BDAC1

LOCATION.--Lat 36°46'50", long 114°43'20" referenced to North American Datum of 1927, in NE ¼ SE ¼ NW ¼ sec. 28, T.13 S., R.65 E., Clark County, Hydrologic Unit 15010012.

AQUIFER.--Alluvium of Quaternary age and Paleozoic Carbonate Rock.

WELL CHARACTERISTICS.--Diameter 10 in, depth 478 feet, cased to 95 ft, open hole from 95 to 478 ft.

INSTRUMENTATION.--Water-level recorder.

DATUM.--Elevation of land-surface datum is 2,186 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring Point: Top lip of the casing, 1.3 ft above land-surface.

PERIOD OF RECORD.--1980 to current year.

EXTREMES FOR PERIOD OF RECORD.--Maximum water-level depth below land surface recorded, 394.64 ft, September 21, 2004; minimum water-level depth below land surface recorded, 390.04 ft, January 30, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum water-level depth below land surface, 394.64 ft, September 21; minimum water-level depth below land surface, 390.04 ft, January 30.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	394.09	394.07	393.90	393.76	393.73	393.58	393.48	393.77	393.79	394.08	394.25	394.34
2	393.98	393.99	393.94	393.67	393.66	393.55	393.59	393.70	393.84	394.06	394.24	394.23
3	394.05	394.01	393.84	393.75	393.52	393.57	393.67	393.64	393.90	394.02	394.23	394.29
4	394.11	394.07	393.87	393.88	393.66	393.49	393.62	393.60	393.91	394.04	394.23	394.43
5	394.10	394.05	393.85	393.87	393.79	393.69	393.58	393.66	393.85	394.09	394.27	394.44
6	394.06	394.05	393.78	393.73	393.83	393.73	393.56	393.74	393.80	394.10	394.28	394.38
7	394.03	394.02	393.72	393.74	393.64	393.73	393.59	393.74	393.79	394.05	394.28	394.33
8	394.07	394.03	393.90	393.82	393.71	393.64	393.57	393.69	393.86	394.06	394.28	394.35
9	394.01	393.98	393.95	393.80	393.70	393.51	393.60	393.65	393.97	394.09	394.27	394.37
10	394.02	393.99	393.79	393.71	393.70	393.52	393.63	393.57	394.02	394.11	394.27	394.39
11	394.17	394.04	393.77	393.69	393.67	393.55	393.64	393.68	393.96	394.12	394.25	394.38
12	394.11	393.92	393.91	393.79	393.75	393.49	393.62	393.80	393.97	394.11	394.31	394.29
13	394.14	394.00	393.91	393.80	393.68	393.59	393.57	393.82	393.99	394.14	394.32	394.26
14	394.08	393.98	393.72	393.66	393.64	393.64	393.54	393.75	393.94	394.18	394.33	394.31
15	394.05	393.92	394.00	393.61	393.66	393.64	393.53	393.68	393.93	394.17	394.33	394.37
16	394.15	393.92	394.01	393.67	393.73	393.59	393.57	393.67	393.97	394.14	394.33	394.36
17	394.13	393.99	393.87	393.75	393.73	393.54	393.52	393.73	394.02	394.15	394.27	394.34
18	394.09	394.09	393.83	393.74	393.53	393.56	393.72	393.77	394.03	394.13	394.26	394.49
19	394.08	393.95	393.79	393.69	393.59	393.63	393.66	393.76	394.02	394.13	394.28	394.27
20	394.11	393.82	393.71	393.69	393.60	393.67	393.62	393.77	393.98	394.15	394.30	394.49
21	394.08	393.72	393.77	393.82	393.55	393.58	393.51	393.76	393.97	394.13	394.27	394.54
22	394.05	394.01	393.88	393.81	393.55	393.51	393.65	393.76	394.03	394.13	394.23	394.47
23	394.01	394.11	393.74	393.68	393.56	393.53	393.71	393.73	394.09	394.15	394.25	394.41
24	394.07	393.87	393.70	393.54	393.69	393.59	393.67	393.78	394.06	394.22	394.32	394.39
25	394.17	393.79	393.59	393.68	393.65	393.59	393.72	393.78	394.03	394.24	394.33	394.36
26	394.16	393.94	393.76	393.83	393.52	393.60	393.74	393.82	394.01	394.18	394.27	394.36
27	394.01	394.17	393.97	393.76	393.52	393.71	393.61	393.82	394.03	394.18	394.40	394.38
28	393.90	393.99	393.91	393.70	393.60	393.78	393.42	393.74	394.08	394.21	394.36	394.36
29	393.80	393.86	393.72	393.71	393.64	393.67	393.66	393.84	394.08	394.19	394.33	394.32
30	393.84	393.89	393.72	393.55	---	393.55	393.77	393.91	394.06	394.20	394.35	394.35
31	394.03	---	393.72	393.59	---	393.54	---	393.83	---	394.21	394.38	---
MAX	394.17	394.17	394.01	393.88	393.83	393.78	393.77	393.91	394.09	394.24	394.40	394.54
MIN	393.80	393.72	393.59	393.54	393.52	393.49	393.42	393.57	393.79	394.02	394.23	394.23

GROUND-WATER LEVELS
CARBONATE ROCK STUDY AREA

County code--003, Clark; 017, Lincoln; 023, Nye; 033, White Pine.

Depths, perforated interval, and elevation--Depths are referenced to land-surface datum (LSD). Elevation is that of LSD, with reference to sea level.

Water Level Method--S, steel tape; T, electric tape; V, calibrated electric tape.

Water Level Accuracy--0, water level accurate to the nearest foot; 1, water level accurate to the nearest tenth of a foot;
2, water level accurate to the nearest one-hundredth of a foot..

Local Well No	Site Identification	Period of Record	County Code	Well Depth	Perforated Interval (feet)		Elevation (Feet Above Sea Level)	Water Level (Below Land Surface)			
					Top	Bottom		Date	Feet	Method	Accuracy
156 N03 E50 13CA 1	380652116200901	1981	023	682.			5350.	12/15/2003	314.25	S	1
								03/23/2004	313.81	V	1
								06/15/2004	313.95	V	1
								09/14/2004	314.05	V	1
								12/15/2003	234.84	S	2
156 N07 E51 10AD 1	382901116125201	1980	023	480.			5600.	03/23/2004	235.83	V	2
								06/15/2004	235.76	V	2
								09/14/2004	235.95	V	2
								12/17/2003	129.33	S	2
171 N01 E58 24 1	375547115244201	1996	017	1560.	911.	1560.	4932.	03/25/2004	129.25	V	2
								06/17/2004	129.34	V	2
								09/16/2004	129.40	V	2
								12/17/2003	407.35	S	1
172 N02 E57 22BBC 1	380132115333501	1980	017	1010.			5550.	03/25/2004	407.38	V	1
								06/17/2004	407.94	V	1
								09/16/2004	408.20	V	1
								10/28/2003	797.46	V	1
172 N03 E59 10BD 1	380758115204601	1980	023	1837.	118.		5560.	02/10/2004	797.62	V	1
								03/09/2004	797.61	V	1
								03/12/2004	799.64	V	1
								03/12/2004	799.62	V	1
								03/25/2004	797.58	V	1
								06/17/2004	797.68	V	1
								09/16/2004	797.68	V	1
								12/15/2003	233.85	V	2
								03/23/2004	233.72	V	2
173B N03 E52 02DA 2	380906116050502	1980	023	495.			5010.	06/15/2004	233.71	V	2
								09/14/2004	233.96	V	2
								12/15/2003	274.19	S	2
								03/23/2004	274.69	V	2
173B N10 E58 17CAAB1 384338115283601		1980	023	581.	279.	560.	5135.	06/15/2004	275.28	V	2
								09/14/2004	276.17	V	2
								12/15/2003	158.70	S	2
								03/23/2004	159.38	V	2
173B N11 E57 09CDB 1 384920115343001		1948	023	186.			5075.	06/15/2004	159.48	V	2
								09/14/2004	159.49	V	2
								10/29/2003	428.89	T	0
								12/16/2003	429.48	S	1
179 N12 E63 12AB 1	385521114503601	1980	033	948.	500.	940.	7320.	03/24/2004	429.87	V	1
								06/16/2004	430.00	V	1
								09/15/2004	430.54	V	1
								12/17/2003	219.55	S	2
								03/25/2004	219.39	V	2
180 N07 E63 14BADD1 382807114521001		1980	017	460.	375.	250.	6008.	09/16/2004	219.33	V	2
								12/17/2003	847.61	V	1
								03/25/2004	846.73	V	1
								06/17/2004	846.86	V	1
181 N03 E63 27CAA 1 380531114534201		1980	017	2395.	935.		5560.	09/16/2004	846.69	V	1
								12/17/2003	253.89	S	2
								03/25/2004	253.71	V	2
								06/17/2004	253.82	V	2
181 N04 E64 07DC 1 381256114500701		1981	017	1190.			5530.	09/16/2004	253.71	V	2
								11/06/2003	394.07	V	1
								02/13/2004	393.96	S	1
								02/13/2004	393.96	V	1
181 S03 E64 12AC 1 374215114453101		1980	017	1000.			4640.	03/25/2004	393.88	V	1
								05/06/2004	393.97	V	1

GROUND-WATER LEVELS--Continued
CARBONATE ROCK STUDY AREA

Local Well No	Site Identification	Period of Record	County Code	Well Depth	Perforated Interval (feet)		Elevation (Feet Above Sea Level)	Water Level (Below Land Surface)			
					Top	Bottom		Date	Feet	Method	Accuracy
183 N06 E66 35C 1	382003114322501	1946	017	161.			5950.	12/18/2003	153.97	S	2
								03/26/2004	152.38	S	2
								06/18/2004	153.67	S	2
								09/17/2004	156.05	S	2
183 N07 E66 16DC 1	382753114341301	1980	017	97.			5915.	12/17/2003	20.77	S	2
								03/25/2004	20.58	S	2
								06/18/2004	20.86	S	2
								09/16/2004	21.15	S	2
183 N08 E65 02D 1	383502114383201	1964	017	130.			5975.	12/17/2003	32.52	S	2
								03/25/2004	32.50	S	2
								06/18/2004	32.79	S	2
								09/16/2004	32.48	S	2
184 N09 E68 30AAAB1	383704114225001	1980	017	679.	559.	679.	6010.	12/16/2003	225.37	S	2
								03/24/2004	225.26	V	2
								06/16/2004	225.30	V	2
								09/15/2004	225.22	V	2
184 N10 E67 22AA 1	384310114261401	1980	033	100.			5889.	12/16/2003	65.95	S	2
								03/24/2004	65.96	S	2
								06/16/2004	66.02	S	2
								09/15/2004	66.06	S	2
184 N11 E68 19DCDC1	384745114224401	1981	033	200.			5906.	12/16/2003	99.88	S	2
								03/24/2004	100.01	S	2
								06/16/2004	100.06	S	2
								09/15/2004	100.20	S	2
184 N13 E67 18DCAB1	385920114294001	1960	033	120.			5850.	12/16/2003	52.44	S	2
								09/15/2004	52.65	S	2
184 N14 E66 24BDDD1	390352114305401	1981	033	160.			5840.	12/16/2003	38.38	S	2
								03/24/2004	37.70	S	2
								06/15/2004	37.93	S	2
								09/15/2004	37.94	S	2
195 N11 E70 35AD 1	384702114041601	1981	033	101.			5578.	12/16/2003	69.22	S	2
								03/24/2004	69.07	S	2
								06/16/2004	69.12	S	2
								09/15/2004	69.32	S	2
195 N11 E70 35BA 1	384714114051001	1980	033	200.			5660.	12/16/2003	142.18	S	2
								03/24/2004	142.16	S	2
								06/16/2004	142.21	S	2
								09/15/2004	142.21	S	2
195 N14 E70 08DC 1	390543114081801	1981	033	79.			5996.	12/16/2003	61.39	S	2
								03/24/2004	61.52	S	2
								06/16/2004	55.68	S	2
								09/15/2004	62.34	S	2
195 N15 E70 25DD 1	390812114033601	1981	033	94.			5068.	12/16/2003	13.94	S	2
								03/24/2004	13.85	S	2
								06/15/2004	14.28	S	2
								09/15/2004	14.57	S	2
196 N08 E69 35DC 2	383023114115302	1980	017	435.			5830.	12/16/2003	176.38	S	2
								03/24/2004	176.83	V	2
								06/16/2004	177.00	V	2
								09/15/2004	177.02	V	2
210 S12 E63 29DABC1	365227114554401	1981	017	1221.			2466.9	10/01/2003	610.99	V	1
								03/18/2004	610.95	V	1
								06/24/2004	611.03	V	1
								09/20/2004	611.33	V	1
210 S13 E63 11BACD1	365008114541101	1981	003	170.			2222.	10/01/2003	163.48	V	2
								03/18/2004	163.29	V	2
								06/24/2004	163.37	V	2
								09/20/2004	163.29	V	2
210 S13 E63 23DDDC1	364743114533101	1981	003	669.	50.	669.	2172.6	10/01/2003	354.60	V	1
								03/18/2004	354.18	V	1
								05/10/2004	354.07	V	1
								06/24/2004	354.43	V	1

GROUND-WATER LEVELS--Continued
CARBONATE ROCK STUDY AREA

Local Well No	Site Identification	Period of Record	County Code	Well Depth	Perforated Interval (feet)		Elevation (Feet Above Sea Level)	Water Level (Below Land Surface)				
					Top	Bottom		Date	Feet	Method	Accuracy	
210	S13 E63 23DDDC1	364743114533101	1981	003	669.	50.	669.	2172.6	08/11/2004	354.67	V	1
									09/20/2004	354.83	V	1
210	S13 E64 31DAAD1	364601114514301	1985	003	765.	645.	765.	2158.6	10/01/2003	347.23	V	1
									02/20/2004	346.09	V	1
									06/24/2004	347.26	V	1
									09/20/2004	347.70	V	1
210	S14 E63 28ACDC1	364127114553001	1985	003	780.			2414.3	10/08/2003	592.29	V	1
									02/20/2004	591.31	V	1
									06/24/2004	591.44	V	1
									09/20/2004	591.85	V	1
215	S19 E63 13DCAA1	361736114531601	1993	003	900.	540.	900.	2388.4	10/08/2003	581.51	V	1
									02/20/2004	578.63	V	1
217	S16 E63 09DDAB1	363308114553001	1985	003	920.	45.	920.	2648.8	10/08/2003	832.02	V	1
									02/20/2004	831.97	V	1
									03/18/2004	832.04	V	1
									05/10/2004	831.97	V	1
									06/24/2004	832.23	V	1
									08/11/2004	832.34	V	1
									09/20/2004	832.46	V	1
219	S13 E65 28BDAC1	364650114432001	1985	003	478.	95.	478.	2185.9	10/01/2003	394.30	V	1
									02/20/2004	393.70	V	1
									03/26/2004	393.66	V	1
									05/10/2004	393.61	V	1
									06/24/2004	394.11	V	1
									09/30/2004	394.45	V	1

GROUND-WATER LEVELS, CONTINUOUS OBSERVATION WELLS

LAS VEGAS VALLEY

361704115121901. Local Number, 212 S19 E61 19BC 1.

LOCATION.--Lat 36°17'04", long 115°12'14" referenced to North American Datum of 1927, Clark County, Hydrologic Unit 15010015.

AQUIFER.--Alluvium of Quaternary age.

WELL CHARACTERISTICS.--Diameter 16 in, depth 650 ft.

INSTRUMENTATION.--Water-level recorder.

DATUM.--Elevation of land-surface datum is 2,300 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring Point: Top lip of the casing, 1.86 ft above land-surface datum.

PERIOD OF RECORD.--August 1998 to current year.

EXTREMES FOR PERIOD OF RECORD.--Maximum water-level depth below land surface recorded, 142.69 ft, October 1, 2000; minimum water-level depth below land surface recorded, 117.28 ft, April 28, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum water-level depth below land surface, 137.14 ft, October 1; minimum water-level depth below land surface, 117.28 ft, April 28.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	137.06	---	---	---	---	---	---	117.60	120.03	123.20	125.59	129.80
2	---	---	---	---	---	---	---	117.61	120.11	123.26	125.67	129.80
3	---	---	---	---	---	---	---	117.62	120.21	123.29	125.74	129.85
4	---	---	---	---	---	---	---	117.62	120.32	123.35	125.80	129.92
5	---	---	---	---	---	---	---	117.67	120.38	123.43	125.88	129.92
6	---	---	---	---	---	---	---	117.75	120.43	123.50	125.95	129.82
7	---	---	---	---	---	---	---	117.80	120.50	123.54	126.01	129.86
8	---	---	---	---	---	---	---	117.83	120.60	123.61	126.07	129.93
9	---	---	---	---	---	---	---	117.87	120.74	123.69	126.12	129.96
10	---	---	---	---	---	---	---	117.88	120.88	123.77	126.20	129.96
11	---	---	---	---	---	---	---	117.98	120.95	123.84	126.46	129.91
12	---	---	---	---	---	---	---	118.17	121.03	123.90	126.74	129.78
13	---	---	---	---	---	---	---	118.39	121.14	123.99	127.01	129.69
14	---	---	---	---	---	---	---	118.54	121.22	124.09	127.37	129.68
15	---	---	---	---	---	---	---	118.69	121.34	124.17	127.71	129.73
16	---	---	---	---	---	---	---	118.84	121.48	124.22	127.92	129.85
17	---	---	---	---	---	---	---	118.95	121.69	124.28	128.03	130.05
18	---	---	---	---	---	---	---	119.07	121.81	124.32	128.20	130.28
19	---	---	---	---	---	---	---	119.20	121.88	124.36	128.29	130.55
20	---	---	---	---	---	---	---	119.34	121.93	124.41	128.37	130.93
21	---	---	---	---	---	---	---	119.47	121.97	124.47	128.55	131.22
22	---	---	---	---	---	---	---	119.55	122.07	124.56	128.66	131.35
23	---	---	---	---	---	---	117.43	119.56	122.17	124.70	128.75	131.44
24	---	---	---	---	---	---	117.42	119.61	122.24	124.83	128.92	131.54
25	---	---	---	---	---	---	117.45	119.65	122.30	124.92	129.07	131.66
26	---	---	---	---	---	---	117.48	119.70	122.35	124.98	129.11	131.72
27	---	---	---	---	---	---	117.45	119.75	122.42	125.05	129.27	131.76
28	---	---	---	---	---	---	117.36	119.76	122.54	125.15	129.24	131.80
29	---	---	---	---	---	---	117.46	119.87	122.82	125.23	129.31	131.82
30	---	---	---	---	---	---	117.55	119.97	123.08	125.32	129.54	131.82
31	---	---	---	---	---	---	---	120.00	---	125.48	129.66	---
MAX	---	---	---	---	---	---	---	120.00	123.08	125.48	129.66	131.82
MIN	---	---	---	---	---	---	---	117.60	120.03	123.20	125.59	129.68

LOWER COLORADO RIVER BASIN-LAKE MEAD, LAS VEGAS WASH

LAS VEGAS VALLEY--Continued

361626115090701. Local id, 212 S19 E61 21DDB 1.

LOCATION.--Lat 36°16'52", long 115°09'31" referenced to North American Datum of 1927, in NW ¼ SE ¼ SE ¼ sec. 21, T.19 S., R.61 E., Clark County, Hydrologic Unit 15010015.

AQUIFER.--Alluvium of Quaternary age.

WELL CHARACTERISTICS.--Diameter 8 in; depth 1,300 ft.

INSTRUMENTATION.--Water-level recorder.

DATUM.--Elevation of land-surface datum is 2,160 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Two inch pipe on north side of pump base, 1.5 ft. above land-surface datum.

PERIOD OF RECORD.--1973 to current year.

EXTREMES FOR PERIOD OF RECORD.--Maximum water-level depth below land surface recorded, 47.59 ft, September 1, 4, 5, 2002; minimum water-level depth below land surface measured, 27.75 ft, April 24, 1973.

EXTREMES FOR CURRENT YEAR.--Maximum water-level depth below land surface, 47.40 ft, October 1; minimum water-level depth below land surface, 46.38 ft, April 9, 13, 14, 15, 21.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	47.39	47.27	46.99	46.70	46.65	46.50	46.43	46.50	46.72	46.93	47.01	46.72
2	47.38	47.25	46.99	46.68	46.63	46.50	46.43	46.50	46.73	46.93	47.00	46.70
3	47.39	47.25	46.98	46.70	46.62	46.49	46.44	46.50	46.75	46.93	47.00	46.72
4	47.39	47.24	46.96	46.71	46.64	46.48	46.42	46.50	46.76	46.94	47.00	46.73
5	47.38	47.23	46.94	46.70	46.67	46.51	46.41	46.52	46.75	46.94	47.01	46.73
6	47.37	47.22	46.93	46.68	46.66	46.52	46.40	46.53	46.75	46.94	47.01	46.72
7	47.37	47.21	46.92	46.66	46.65	46.51	46.40	46.54	46.76	46.94	47.01	46.72
8	47.37	47.20	46.93	46.67	46.66	46.50	46.39	46.55	46.77	46.94	47.01	46.72
9	47.36	47.19	46.91	46.66	46.66	46.48	46.39	46.55	46.79	46.95	47.01	46.72
10	47.36	47.18	46.89	46.66	46.65	46.48	46.40	46.55	46.80	46.95	47.01	46.72
11	47.37	47.17	46.87	46.66	46.65	46.48	46.40	46.57	46.80	46.96	47.01	46.71
12	47.36	47.15	46.88	46.66	46.66	46.47	46.40	46.59	46.81	46.96	47.02	46.70
13	47.36	47.14	46.88	46.64	46.65	46.48	46.39	46.60	46.82	46.97	47.02	46.69
14	47.35	47.13	46.87	46.62	46.64	46.48	46.39	46.60	46.82	46.97	47.02	46.70
15	47.35	47.11	46.89	46.61	46.65	46.48	46.40	46.60	46.82	46.97	47.01	46.70
16	47.36	47.10	46.87	46.62	46.65	46.48	46.40	46.61	46.84	46.97	46.99	46.70
17	47.35	47.10	46.85	46.64	46.65	46.47	46.40	46.62	46.85	46.97	46.96	46.69
18	47.34	47.09	46.84	46.64	46.62	46.47	46.43	46.63	46.85	46.97	46.93	46.68
19	47.34	47.07	46.83	46.63	46.63	46.48	46.43	46.64	46.86	46.98	46.90	46.69
20	47.34	47.05	46.82	46.64	46.62	46.48	46.42	46.65	46.85	46.98	46.87	46.71
21	47.33	47.02	46.83	46.66	46.61	46.46	46.40	46.65	46.86	46.98	46.84	46.72
22	47.33	47.05	46.82	46.66	46.60	46.45	46.43	46.65	46.87	46.98	46.81	46.70
23	47.32	47.05	46.80	46.63	46.59	46.45	46.43	46.66	46.88	46.99	46.79	46.70
24	47.33	47.02	46.79	46.62	46.60	46.45	46.44	46.66	46.89	47.00	46.78	46.69
25	47.34	47.01	46.76	46.64	46.58	46.45	46.46	46.68	46.90	47.00	46.76	46.69
26	47.33	47.03	46.79	46.66	46.55	46.46	46.47	46.69	46.89	47.00	46.75	46.68
27	47.31	47.04	46.80	46.64	46.53	46.47	46.45	46.69	46.90	47.00	46.75	46.68
28	47.29	47.02	46.78	46.63	46.53	46.48	46.43	46.69	46.91	47.00	46.74	46.67
29	47.27	47.00	46.73	46.64	46.52	46.46	46.47	46.71	46.92	47.00	46.74	46.67
30	47.27	46.99	46.72	46.62	---	46.45	46.49	46.72	46.92	47.00	46.74	46.67
31	47.28	---	46.70	46.63	---	46.44	---	46.72	---	47.00	46.74	---
MAX	47.39	47.27	46.99	46.71	46.67	46.52	46.49	46.72	46.92	47.00	47.02	46.73
MIN	47.27	46.99	46.70	46.61	46.52	46.44	46.39	46.50	46.72	46.93	46.74	46.67

GROUND-WATER LEVELS, CONTINUOUS OBSERVATION WELLS

LAS VEGAS VALLEY--Continued

36145611511001. Local Number, 212 S19 E61 32CC 1.

LOCATION.--Lat 36°14'55", long 115°11'16" referenced to North American Datum of 1927, Clark County, Hydrologic Unit 15010015,

AQUIFER.--Alluvium of Quaternary age.

WELL CHARACTERISTICS.--Diameter 12.75 in, depth 630, cased to 630 ft, perforated from 470 ft to 610 ft.

INSTRUMENTATION.--Water-level recorder.

DATUM.--Elevation of land-surface datum is 2,190 ft above National geodetic Vertical Datum of 1929, from topographic map. Measuring Point: Top lip of the casing, 1.69 ft above land-surface datum.

PERIOD OF RECORD.--August 1998 to current year.

EXTREMES FOR PERIOD OF RECORD.--Maximum water-level depth below land surface recorded, 144.88 ft, October 5, 1998; minimum water-level depth below land surface, 116.11 ft, July 3, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum water-level depth below land surface, 124.65 ft, October 16, 17; minimum water-level depth below land surface, 116.11 ft, July 3.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	124.51	124.22	123.04	121.66	120.64	119.41	118.25	117.40	116.53	116.20	116.29	116.68
2	124.47	124.15	123.01	121.57	120.54	119.38	118.25	117.35	116.54	116.18	116.30	116.61
3	124.51	124.15	122.94	121.63	120.47	119.33	118.25	117.29	116.54	116.16	116.30	116.67
4	124.53	124.12	122.91	121.64	120.50	119.30	118.19	117.25	116.52	116.17	116.31	116.76
5	124.53	124.10	122.85	121.61	120.55	119.36	118.14	117.24	116.47	116.19	116.34	116.79
6	124.52	124.07	122.75	121.52	120.51	119.36	118.10	117.24	116.41	116.18	116.36	116.79
7	124.51	124.03	122.68	121.51	120.43	119.33	118.09	117.21	116.37	116.16	116.37	116.79
8	124.52	123.98	122.75	121.52	120.42	119.25	118.05	117.15	116.39	116.16	116.38	116.82
9	124.48	123.93	122.70	121.47	120.38	119.15	118.02	117.09	116.43	116.18	116.40	116.85
10	124.52	123.90	122.60	121.39	120.33	119.12	118.01	117.02	116.43	116.19	116.40	116.88
11	124.58	123.87	122.56	121.36	120.31	119.07	117.97	117.03	116.39	116.19	116.40	116.89
12	124.58	123.76	122.58	121.38	120.29	119.00	117.92	117.05	116.39	116.18	116.44	116.85
13	124.62	123.74	122.53	121.34	120.22	119.02	117.86	117.05	116.37	116.21	116.45	116.85
14	124.58	123.68	122.43	121.23	120.17	118.99	117.82	116.99	116.32	116.23	116.47	116.90
15	124.58	123.59	122.52	121.17	120.14	118.97	117.79	116.93	116.30	116.22	116.48	116.93
16	124.62	123.56	122.48	121.16	120.14	118.91	117.75	116.90	116.32	116.21	116.47	116.94
17	124.61	123.57	122.40	121.16	120.09	118.86	117.72	116.90	116.32	116.22	116.46	116.94
18	124.58	123.57	122.34	121.13	119.96	118.83	117.75	116.89	116.32	116.20	116.45	116.91
19	124.57	123.46	122.26	121.07	119.94	118.82	117.71	116.86	116.30	116.19	116.46	116.95
20	124.57	123.36	122.17	121.06	119.89	118.79	117.64	116.83	116.26	116.19	116.48	117.05
21	124.55	123.27	122.19	121.08	119.81	118.71	117.56	116.80	116.22	116.18	116.47	117.10
22	124.51	123.39	122.21	121.05	119.72	118.63	117.60	116.77	116.22	116.17	116.46	117.11
23	124.48	123.38	122.10	120.94	119.70	118.59	117.59	116.72	116.24	116.19	116.48	117.12
24	124.49	123.23	122.03	120.84	119.73	118.57	117.56	116.71	116.23	116.23	116.52	117.13
25	124.53	123.17	121.89	120.88	119.65	118.52	117.57	116.70	116.21	116.23	116.53	117.14
26	124.50	123.23	121.96	120.90	119.55	118.52	117.54	116.69	116.18	116.21	116.54	117.15
27	124.40	123.29	122.02	120.84	119.51	118.55	117.43	116.67	116.18	116.22	116.61	117.17
28	124.29	123.19	121.94	120.79	119.52	118.55	117.32	116.60	116.19	116.23	116.62	117.17
29	124.18	123.10	121.81	120.75	119.49	118.47	117.40	116.64	116.19	116.24	116.63	117.17
30	124.19	123.07	121.75	120.62	---	118.37	117.41	116.63	116.20	116.25	116.67	117.20
31	124.22	---	121.70	120.63	---	118.32	---	116.57	---	116.26	116.69	---
MAX	124.62	124.22	123.04	121.66	120.64	119.41	118.25	117.40	116.54	116.26	116.69	117.20
MIN	124.18	123.07	121.70	120.62	119.49	118.32	117.32	116.57	116.18	116.16	116.29	116.61

GROUND-WATER LEVELS, CONTINUOUS OBSERVATION WELLS

LAS VEGAS VALLEY--Continued

361232115061001. Local Number, 212 S20 E61 13ABDB1.

LOCATION.--Lat 36°12'57", long 115°06'16" referenced to North American Datum of 1927, in SE ¼ NW ¼ NE ¼ sec. 13, T.20 S., R.61 E., Clark County, Hydrologic Unit 15010015.

AQUIFER.--Alluvium of Quaternary age.

WELL CHARACTERISTICS.--Diameter 28.5 in, depth, 1,230 ft.

INSTRUMENTATION.--Water-level recorder.

DATUM.--Elevation of land-surface is 1857 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Two inch pipe on west side of pump base, 0.5 ft above land-surface datum.

PERIOD OF RECORD.--February 1973 to current year.

EXTREMES FOR PERIOD OF RECORD.--Maximum water-level depth below land surface measured, 82.64 ft, September 12, 1984; minimum water-level depth below land surface measured, 36.57 ft, September 29, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum water-level depth below land surface, 40.03 ft, October 17; minimum water-level depth below land surface, 36.57 ft, September 29.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	39.99	39.54	38.92	38.43	38.12	37.88	37.45	37.20	37.02	37.06	37.05	36.83
2	39.96	39.53	38.93	38.39	38.08	37.85	37.44	37.18	37.03	37.06	37.04	36.79
3	39.97	39.53	38.89	38.38	38.04	37.84	37.43	37.15	37.04	37.04	37.03	36.80
4	39.99	39.53	38.89	38.40	38.07	37.81	37.42	37.12	37.05	37.05	37.02	36.84
5	39.99	39.53	38.87	38.38	38.11	37.85	37.40	37.12	37.04	37.07	37.02	36.84
6	39.98	39.53	38.83	38.32	38.11	37.86	37.40	37.14	37.01	37.06	37.02	36.82
7	39.96	39.52	38.80	38.31	38.07	37.84	37.40	37.14	37.00	37.04	37.02	36.79
8	39.97	39.52	38.84	38.32	38.08	37.80	37.38	37.13	37.02	37.04	37.02	36.78
9	39.95	39.50	38.81	38.30	38.07	37.76	37.37	37.11	37.06	37.05	37.01	36.78
10	39.97	39.49	38.76	38.26	38.05	37.75	37.36	37.08	37.08	37.06	37.01	36.78
11	40.00	39.48	38.75	38.25	38.04	37.73	37.34	37.09	37.07	37.05	37.00	36.77
12	40.00	39.45	38.78	38.26	38.06	37.70	37.32	37.12	37.07	37.04	37.01	36.73
13	40.01	39.45	38.77	38.25	38.03	37.70	37.29	37.13	37.07	37.06	37.00	36.70
14	39.99	39.42	38.72	38.27	38.01	37.69	37.28	37.10	37.05	37.07	37.00	36.70
15	39.99	39.39	38.78	38.25	38.02	37.68	37.27	37.08	37.05	37.07	36.99	36.71
16	40.01	39.37	38.77	38.25	38.04	37.65	37.26	37.06	37.05	37.06	36.99	36.71
17	40.01	39.13	38.73	38.25	38.05	37.62	37.25	37.06	37.06	37.06	36.97	36.70
18	40.00	39.13	38.72	38.24	37.99	37.62	37.28	37.07	37.07	37.05	36.96	36.68
19	39.79	39.07	38.69	38.22	38.00	37.62	37.26	37.06	37.07	37.05	36.95	36.67
20	39.67	39.02	38.64	38.22	37.98	37.62	37.23	37.06	37.06	37.06	36.95	36.71
21	39.65	38.97	38.65	38.24	37.97	37.59	37.20	37.05	37.04	37.05	36.94	36.72
22	39.63	39.03	38.66	38.23	37.94	37.56	37.23	37.05	37.05	37.04	36.91	36.69
23	39.60	39.03	38.62	38.19	37.93	37.55	37.24	37.03	37.06	37.04	36.90	36.68
24	39.61	38.96	38.58	38.14	37.97	37.55	37.23	37.03	37.06	37.06	36.90	36.66
25	39.64	38.93	38.53	38.17	37.97	37.54	37.24	37.03	37.05	37.07	36.89	36.65
26	39.62	38.94	38.57	38.19	37.92	37.54	37.22	37.03	37.04	37.06	36.89	36.64
27	39.57	38.99	38.61	38.17	37.93	37.56	37.16	37.03	37.05	37.06	36.91	36.63
28	39.53	38.95	38.58	38.15	37.93	37.58	37.12	37.02	37.05	37.06	36.90	36.61
29	39.49	38.90	38.51	38.14	37.92	37.54	37.17	37.04	37.05	37.05	36.88	36.59
30	39.51	38.91	38.45	38.08	---	37.50	37.20	37.05	37.06	37.05	36.87	36.59
31	39.54	---	38.43	38.09	---	37.48	---	37.03	---	37.05	36.86	---
MAX	40.01	39.54	38.93	38.43	38.12	37.88	37.45	37.20	37.08	37.07	37.05	36.84
MIN	39.49	38.90	38.43	38.08	37.92	37.48	37.12	37.02	37.00	37.04	36.86	36.59

GROUND-WATER LEVELS, CONTINUOUS OBSERVATION WELLS

LAS VEGAS VALLEY--Continued

361400115040901. Local number, 212 S20 E62 05CAAA1.

LOCATION.--Lat 36°14'00", long 115°04'09" referenced to North American Datum of 1927, in NE ¼ NE ¼ SW ¼ sec. 05, T.20 S., R.62 E., Clark County, Hydrologic Unit 15010015.

AQUIFER.--Alluvium of Quaternary age.

WELL CHARACTERISTICS.--Diameter 15 in, depth 1,000 ft.

INSTRUMENTATION.--Water-level recorder.

DATUM.--Elevation of land-surface datum is 1,869 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top lip of the casing, 1.50 ft. above land-surface datum.

PERIOD OF RECORD.--February 1973 to current year.

EXTREMES FOR PERIOD OF RECORD.--Maximum water-level depth below land surface measured, 157.36 ft, September 15, 1993; minimum water-level depth below land surface measured, 70.56 ft, May 12, 13, 1999.

EXTREMES FOR CURRENT YEAR.--Maximum water-level depth below land surface, 95.41 ft, October 14; minimum water-level depth below land surface, 77.91 ft, March 25.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	93.90	92.50	86.59	82.93	80.56	78.55	79.02	78.62	79.99	81.40	81.99	82.13
2	93.98	92.23	86.44	82.77	80.42	78.49	78.89	78.59	80.06	81.42	82.00	82.09
3	94.14	92.02	86.25	82.74	80.33	78.43	78.80	78.56	80.16	81.43	82.01	82.17
4	94.27	91.79	86.10	82.68	80.34	78.39	78.73	78.58	80.19	81.48	82.02	82.21
5	94.43	91.59	85.92	82.58	80.32	78.46	78.60	78.65	80.15	81.54	82.04	82.17
6	94.47	91.35	85.72	82.43	80.23	78.44	78.51	78.64	80.09	81.54	82.05	82.15
7	94.50	91.12	85.53	82.35	80.08	78.40	78.46	78.58	80.09	81.51	82.07	82.18
8	94.59	90.90	85.49	82.28	80.02	78.34	78.42	78.54	80.15	81.53	82.10	82.42
9	94.66	90.66	85.33	82.16	79.95	78.24	78.36	78.55	80.25	81.58	82.13	82.57
10	94.81	90.47	85.16	82.03	79.90	78.21	78.31	78.60	80.30	81.62	82.16	82.55
11	94.97	90.29	85.04	81.93	79.86	78.19	78.22	78.75	80.29	81.65	82.19	82.43
12	95.12	90.05	84.98	81.87	79.83	78.16	78.14	78.87	80.33	81.67	82.26	82.26
13	95.28	89.86	84.86	81.78	79.77	78.22	78.25	79.04	80.36	81.72	82.30	82.18
14	95.36	89.64	84.72	81.67	79.69	78.24	78.37	79.14	80.40	81.76	82.35	82.19
15	95.34	89.42	84.74	81.63	79.66	78.22	78.47	79.13	80.45	81.77	82.40	82.36
16	95.29	89.22	84.64	81.60	79.65	78.19	78.53	79.14	80.53	81.79	82.42	82.43
17	95.29	89.05	84.50	81.57	79.57	78.16	78.53	79.17	80.59	81.83	82.42	82.44
18	95.29	88.95	84.39	81.49	79.44	78.16	78.54	79.20	80.63	81.85	82.40	82.42
19	95.29	88.72	84.25	81.38	79.39	78.17	78.49	79.22	80.67	81.88	82.40	82.47
20	95.29	88.49	84.14	81.31	79.31	78.14	78.57	79.27	80.68	81.86	82.44	82.57
21	95.29	88.27	84.12	81.27	79.22	78.08	78.59	79.31	80.73	81.81	82.46	82.63
22	95.13	88.22	84.07	81.19	79.09	78.02	78.66	79.36	80.81	81.79	82.43	82.65
23	94.83	88.06	83.91	81.06	79.04	78.00	78.62	79.38	80.89	81.81	82.37	82.66
24	94.57	87.78	83.78	80.94	79.03	77.97	78.60	79.50	80.98	81.85	82.42	82.69
25	94.33	87.57	83.61	80.93	78.93	77.95	78.58	79.65	81.04	81.87	82.40	82.72
26	94.03	87.47	83.61	80.93	78.81	77.99	78.56	79.74	81.10	81.89	82.38	82.72
27	93.69	87.37	83.58	80.90	78.73	78.29	78.50	79.79	81.17	81.93	82.38	82.74
28	93.45	87.14	83.46	80.86	78.71	78.69	78.46	79.82	81.24	81.94	82.30	82.86
29	93.16	86.91	83.28	80.81	78.66	79.03	78.56	79.90	81.31	81.93	82.19	83.07
30	92.94	86.75	83.17	80.65	---	79.19	78.60	79.93	81.35	81.94	82.15	83.15
31	92.74	---	83.05	80.59	---	79.16	---	79.95	---	81.96	82.15	---
MAX	95.36	92.50	86.59	82.93	80.56	79.19	79.02	79.95	81.35	81.96	82.46	83.15
MIN	92.74	86.75	83.05	80.59	78.66	77.95	78.14	78.54	79.99	81.40	81.99	82.09

LOWER COLORADO RIVER BASIN-LAKE MEAD, LAS VEGAS WASH

LAS VEGAS VALLEY--Continued

360349115100001. Local Number, 212 S22 E61 04BCB 1.

LOCATION.--Lat 36°03'58", long 115°10'16" referenced to North American Datum of 1927, in NW ¼ SW ¼ NW ¼ sec. 04, T.22 S., R.61 E., Clark County, Hydrologic Unit 15010015,

AQUIFER.--Alluvium of Quaternary age.

WELL CHARACTERISTICS.--Diameter 8 in, depth 355 ft.

INSTRUMENTATION.--Water-level recorder.

DATUM.--Elevation of land-surface datum is 2,219 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring Point: Hole in top of casing, 0.8 ft above land-surface datum.

PERIOD OF RECORD.--1938 to current year; 1938 (unpublished and available in the files of the U.S. Geological Survey); January 1951 - June 1978 (unpublished and available in the files of the Nevada Division of Water Resources).

EXTREMES FOR PERIOD OF RECORD.--Maximum water-level depth below land surface measured, 183.36 ft, June 15, 1992; minimum water-level depth below land surface measured, 74.40 ft, January 25, 1939.

EXTREMES FOR CURRENT YEAR.--Maximum water-level depth below land surface, 151.09 ft, October 1; minimum water-level depth below land surface, 148.29 ft, April 28.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	151.03	150.63	150.27	149.69	149.33	148.69	148.50	148.74	148.72	149.11	149.13	149.08
2	150.91	150.59	150.29	149.60	149.25	148.65	148.55	148.70	148.76	149.09	149.13	148.91
3	150.94	150.63	150.21	149.70	149.12	148.62	148.66	148.63	148.84	149.05	149.13	148.95
4	151.00	150.66	150.20	149.84	149.22	148.57	148.64	148.57	148.87	149.05	149.12	149.09
5	151.00	150.68	150.15	149.88	149.41	148.76	148.60	148.58	148.81	149.10	149.16	149.14
6	150.97	150.68	150.02	149.76	149.50	148.88	148.58	148.65	148.73	149.11	149.18	149.11
7	150.92	150.66	149.94	149.74	149.37	148.93	148.60	148.67	148.68	149.06	149.20	149.07
8	150.93	150.65	150.12	149.81	149.38	148.86	148.60	148.62	148.73	149.05	149.21	149.05
9	150.84	150.58	150.18	149.79	149.36	148.69	148.62	148.54	148.87	149.08	149.20	149.07
10	150.86	150.58	150.04	149.69	149.32	148.63	148.65	148.43	148.95	149.11	149.18	149.06
11	151.00	150.61	149.99	149.63	149.30	148.59	148.67	148.48	148.94	149.12	149.15	149.04
12	150.99	150.50	150.11	149.71	149.34	148.52	148.65	148.61	148.95	149.09	149.20	148.90
13	151.03	150.52	150.12	149.71	149.28	148.60	148.58	148.69	148.97	149.13	149.22	148.82
14	150.97	150.48	150.00	149.55	149.21	148.64	148.54	148.65	148.92	149.20	149.22	148.84
15	150.93	150.38	150.22	149.43	149.20	148.68	148.52	148.58	148.89	149.19	149.22	148.89
16	151.02	150.35	150.27	149.43	149.27	148.64	148.51	148.54	148.94	149.16	149.23	148.89
17	151.04	150.41	150.17	149.51	149.26	148.58	148.50	148.58	149.00	149.16	149.17	148.87
18	150.99	150.52	150.10	149.54	149.05	148.56	148.65	148.64	149.04	149.13	149.11	148.77
19	150.97	150.41	149.99	149.48	149.03	148.62	148.67	148.65	149.04	149.11	149.09	148.78
20	150.98	150.23	149.85	149.49	148.97	148.67	148.61	148.66	148.98	149.11	149.08	148.98
21	150.94	150.09	149.88	149.62	148.87	148.59	148.48	148.66	148.96	149.08	149.05	149.10
22	150.88	150.33	149.98	149.63	148.78	148.48	148.56	148.65	149.01	149.05	148.98	149.10
23	150.81	150.46	149.85	149.49	148.78	148.48	148.63	148.60	149.07	149.07	148.98	149.06
24	150.85	150.27	149.74	149.29	148.90	148.54	148.64	148.63	149.09	149.16	149.02	149.00
25	150.97	150.15	149.56	149.37	148.85	148.56	148.71	148.65	149.07	149.18	149.02	148.93
26	150.99	150.29	149.74	149.51	148.71	148.62	148.75	148.70	149.03	149.15	148.99	148.86
27	150.84	150.54	149.96	149.48	148.67	148.76	148.60	148.73	149.03	149.14	149.10	148.82
28	150.64	150.45	149.97	149.43	148.73	148.86	148.37	148.65	149.06	149.14	149.10	148.76
29	150.41	150.30	149.79	149.40	148.77	148.81	148.51	148.73	149.06	149.11	149.07	148.71
30	150.41	150.27	149.72	149.22	---	148.67	148.67	148.81	149.09	149.10	149.09	148.72
31	150.55	---	149.69	149.22	---	148.60	---	148.76	---	149.11	149.12	---
MAX	151.04	150.68	150.29	149.88	149.50	148.93	148.75	148.81	149.09	149.20	149.23	149.14
MIN	150.41	150.09	149.56	149.22	148.67	148.48	148.37	148.43	148.68	149.05	148.98	148.71

GROUND-WATER LEVELS CONTINUOUS OBSERVATION WELLS

LAS VEGAS SUBSIDENCE STUDY

361410115142601. Local Number, 212 S20 E60 02CCBB1.

LOCATION.--Lat 36°14'10", long 115°14'26" referenced to North American Datum of 1927, in NW ¼ SW ¼ SW ¼ sec. 02, T.20 S., R.60 E., Clark County, Hydrologic Unit 15010015.

AQUIFER.--Alluvium of Quarternary age.

INSTRUMENTATION.--Water-level recorder.

PERIOD OF RECORD.--November 1994 to current year.

DATUM.--Elevation of land-surface datum is 2,312 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring Point: Top lip of casing 1.36 ft above land-surface datum.

EXTREMES FOR PERIOD OF RECORD.--Maximum water-level depth below land surface, 328.85 ft, October 1, 1997; minimum water-level depth below land surface, 227.48 ft, May 1, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum water-level depth below land surface, 277.81 ft, October 4; minimum water-level depth below land surface, 227.56 ft, June 1.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	276.00	262.86	250.84	240.12	236.16	232.84	228.42	229.02	227.88	248.18	255.93	269.62
2	277.42	262.51	250.57	240.45	236.05	232.52	228.56	228.89	228.96	248.34	256.15	267.87
3	277.52	262.16	250.16	240.40	235.92	232.47	229.36	228.70	229.67	248.61	256.34	267.37
4	277.14	261.90	249.83	240.55	236.64	232.42	229.35	228.77	230.08	248.96	256.59	267.42
5	274.96	261.46	249.50	240.46	236.87	233.12	229.70	229.21	232.59	249.12	257.07	267.55
6	274.76	261.09	249.06	240.12	236.97	233.00	230.47	229.33	234.71	249.09	257.35	267.20
7	274.56	260.68	248.60	239.82	236.61	232.44	230.65	229.41	235.14	249.42	257.69	267.42
8	273.56	260.31	248.45	239.78	236.50	232.13	230.77	229.34	236.95	249.79	258.17	267.68
9	272.99	259.89	248.24	239.66	236.37	231.78	230.49	228.75	237.46	250.10	261.22	267.72
10	272.15	259.54	247.65	239.36	235.99	231.50	230.43	228.42	238.88	250.36	262.74	267.10
11	272.02	259.27	247.31	239.08	235.06	231.43	230.42	228.44	239.46	250.73	262.30	267.91
12	272.47	258.80	247.07	239.16	234.97	231.19	230.29	228.56	238.43	250.90	263.97	267.73
13	273.43	258.49	246.80	238.93	234.76	231.11	230.15	228.62	234.06	250.80	264.94	267.75
14	273.74	258.17	246.25	238.54	234.48	231.09	230.00	228.52	238.48	251.59	265.12	267.90
15	272.97	257.75	246.17	238.16	234.30	231.04	229.93	228.35	240.12	252.03	265.08	268.35
16	270.61	257.36	246.13	237.98	234.24	230.83	229.87	228.24	241.57	252.10	262.66	268.48
17	268.82	257.14	245.40	237.91	234.17	230.86	229.71	228.24	243.96	252.26	263.98	268.55
18	268.11	256.87	244.53	237.78	233.77	231.26	229.86	228.27	244.46	251.79	265.47	268.68
19	267.61	255.96	243.99	237.52	233.57	231.29	229.78	228.24	243.73	250.66	266.15	268.83
20	267.26	255.18	243.41	237.28	233.48	230.65	229.67	228.19	243.87	251.36	266.90	269.13
21	266.82	254.14	243.03	237.31	233.23	230.22	229.37	228.15	244.78	252.80	267.33	265.27
22	266.36	253.92	243.26	237.52	233.05	229.92	229.35	228.08	245.18	253.02	268.03	264.95
23	265.89	253.87	243.10	237.40	233.66	229.68	229.47	227.97	245.65	253.33	268.46	264.75
24	265.58	253.79	242.57	237.02	234.95	229.66	229.39	227.95	245.83	253.26	268.83	264.67
25	265.38	252.87	242.48	236.95	235.14	229.55	229.38	227.93	246.22	252.80	269.50	264.62
26	265.10	252.50	241.28	237.13	234.95	229.41	229.39	227.94	246.40	252.70	269.89	264.53
27	264.59	252.55	241.25	236.99	234.90	229.44	229.17	227.91	246.85	253.51	270.44	264.56
28	264.00	252.14	240.95	236.75	234.02	229.44	228.73	227.76	246.69	254.72	271.03	264.49
29	263.44	251.54	240.32	236.62	233.14	229.25	228.81	227.76	247.38	254.98	271.41	264.59
30	263.05	251.14	239.85	236.35	---	228.91	229.03	227.88	247.83	255.29	271.78	264.81
31	263.03	---	239.67	236.08	---	228.66	---	227.75	---	255.54	272.08	---
MAX	277.52	262.86	250.84	240.55	236.97	233.12	230.77	229.41	247.83	255.54	272.08	269.62
MIN	263.03	251.14	239.67	236.08	233.05	228.66	228.42	227.75	227.88	248.18	255.93	264.49

GROUND-WATER LEVELS, CONTINUOUS OBSERVATION WELLS

LAS VEGAS SUBSIDENCE STUDY--Continued

361410115142602. Local Number, 212 S20 E60 02CCBB2.

LOCATION.--Lat 36°14'10", long 115°14'26" referenced to North American Datum of 1927, in NW ¼ SW ¼ SW ¼ sec. 02, T.20 S., R.60 E., Clark County, Hydrologic Unit 15010015.

AQUIFER.--Alluvium of Quarternary age.

INSTRUMENTATION.--Water-level recorder.

MEASURING POINT.--Top lip of casing, 1.36 ft above land-surface datum.

GAGE.--Elevation of land-surface datum is 2,312 ft above National Geodetic Survey of 1929, from topographic map. Measuring Point: Top lip of casing, 1.36 ft above land-surface datum.

PERIOD OF RECORD.--November 1994 to current year.

EXTREMES FOR PERIOD OF RECORD.--Maximum water-level depth below land surface, 311.46 ft, October 1, 1997; minimum water-level depth below land surface, 225.39 ft, June 1, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum water-level depth below land surface, 271.79 ft, October 4; minimum water-level depth below land surface, 225.39 ft, June 1.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	271.01	261.42	251.73	241.53	235.70	232.01	227.74	227.32	225.47	236.03	243.38	254.90
2	271.45	261.08	251.48	241.37	235.52	231.75	227.84	227.18	225.61	236.22	243.61	254.43
3	271.55	260.79	251.05	241.27	235.25	231.69	228.32	226.98	225.79	236.43	243.81	254.45
4	271.29	260.62	250.75	241.37	235.65	231.45	228.26	226.83	225.88	236.73	244.04	254.86
5	270.06	260.30	250.41	241.22	235.83	231.67	228.46	226.82	226.45	236.99	244.35	255.05
6	269.84	260.01	249.96	240.83	235.90	231.72	228.83	226.88	227.13	237.14	244.64	255.06
7	269.53	259.67	249.51	240.53	235.50	231.61	228.87	226.88	227.98	237.35	244.92	255.13
8	269.01	259.36	249.44	240.46	235.40	231.35	228.83	226.76	228.60	237.61	245.24	255.35
9	268.55	258.97	249.31	240.26	235.25	231.00	228.78	226.58	228.96	237.90	246.45	255.50
10	268.09	258.65	248.75	239.90	234.95	230.75	228.75	226.35	229.61	238.17	247.07	255.47
11	268.05	258.46	248.42	239.60	234.36	230.68	228.75	226.41	229.79	238.46	247.22	255.85
12	268.21	258.00	248.24	239.58	234.30	230.43	228.61	226.54	229.65	238.64	247.99	255.81
13	268.56	257.76	248.01	239.39	234.07	230.39	228.45	226.59	228.41	238.86	248.59	255.88
14	268.53	257.46	247.45	238.97	233.78	230.38	228.32	226.47	229.82	239.27	248.92	256.05
15	267.96	257.05	247.45	238.58	233.62	230.31	228.25	226.29	230.29	239.53	249.15	256.41
16	267.05	256.71	247.33	238.39	233.56	230.12	228.18	226.18	231.28	239.68	248.55	256.56
17	266.49	256.54	246.79	238.32	233.46	229.91	228.03	226.18	232.30	239.91	249.26	256.69
18	265.99	256.46	246.24	238.16	233.03	229.82	228.22	226.20	232.70	239.96	249.86	256.77
19	265.61	256.00	245.80	237.88	232.85	229.80	228.11	226.17	232.58	240.02	250.37	256.92
20	265.32	255.41	245.29	237.63	232.73	229.72	227.98	226.11	232.76	240.24	250.91	257.30
21	264.98	254.74	244.97	237.63	232.48	229.44	227.69	226.06	233.17	240.72	251.27	256.23
22	264.60	254.69	244.89	237.56	232.30	229.17	227.72	225.99	233.51	240.86	251.70	256.04
23	264.15	254.65	244.45	237.25	232.59	228.96	227.80	225.87	233.90	241.19	252.10	255.88
24	263.89	254.26	244.17	236.78	233.35	228.95	227.70	225.86	234.12	241.49	252.55	255.78
25	263.75	253.52	243.75	236.70	233.41	228.85	227.70	225.83	234.40	241.59	253.04	255.71
26	263.50	253.30	243.20	236.84	233.14	228.72	227.70	225.85	234.57	241.69	253.32	255.65
27	262.99	253.41	243.23	236.64	233.06	228.77	227.44	225.81	234.87	241.85	253.93	255.64
28	262.42	252.98	242.94	236.37	232.62	228.79	226.98	225.63	235.09	242.33	254.37	255.59
29	261.87	252.40	242.30	236.21	232.25	228.59	227.13	225.67	235.42	242.54	254.72	255.59
30	261.54	252.03	241.87	235.88	---	228.23	227.33	225.77	235.75	242.80	255.10	---
31	261.56	---	241.62	235.62	---	227.99	---	225.62	---	243.06	255.51	---
MAX	271.55	261.42	251.73	241.53	235.90	232.01	228.87	227.32	235.75	243.06	255.51	---
MIN	261.54	252.03	241.62	235.62	232.25	227.99	226.98	225.62	225.47	236.03	243.38	---

GROUND-WATER LEVELS, CONTINUOUS OBSERVATION WELLS

LAS VEGAS SUBSIDENCE STUDY--Continued

361410115142603. Local Number, 212 S20 E60 02CCBB3.

LOCATION.--Lat 36°14'10", long 115°14'26" referenced to North American Datum of 1927, in NW ¼ SW ¼ SW ¼ sec. 02, T.20 S., R.60 E., Clark County, Hydrologic Unit 15010015.

AQUIFER.--Alluvium of Quarternary age.

INSTRUMENTATION.--Water-level recorder.

PERIOD OF RECORD.--November 1994 to current year.

GAGE.--Elevation of land-surface datum is 2,312 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring Point:Top lip of casing, 1.36 ft above land-surface datum.

EXTREMES FOR PERIOD OF RECORD.--Maximum water-level depth below land surface, 243.49 ft, October 21, 1996; minimum water-level depth below land surface, 201.13 ft, May 10, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum water-level depth below land surface, 233.06 ft, October 1; minimum water-level depth below land surface, 201.13 ft, May 10.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	232.91	229.48	223.46	216.37	210.55	206.28	202.65	201.72	201.28	205.25	210.84	216.93
2	232.71	229.30	223.32	216.02	210.40	206.01	202.56	201.70	201.34	205.37	210.96	216.91
3	232.75	229.15	223.01	215.85	209.98	205.91	202.51	201.60	201.49	205.39	211.05	217.02
4	232.77	229.03	222.79	215.91	209.96	205.62	202.35	201.50	201.55	205.50	211.21	217.29
5	232.72	228.79	222.58	215.83	210.06	205.67	202.19	201.51	201.50	205.72	211.54	217.44
6	232.65	228.67	222.24	215.46	210.13	205.71	202.07	201.57	201.41	205.94	211.80	217.62
7	232.50	228.52	221.87	215.18	209.80	205.71	202.10	201.61	201.38	206.09	211.81	217.70
8	232.50	228.36	221.91	215.11	209.71	205.63	202.02	201.51	201.49	206.19	211.97	217.89
9	232.36	228.07	221.86	214.93	209.59	205.29	201.98	201.40	201.74	206.39	212.26	218.01
10	232.18	227.96	221.46	214.62	209.46	205.05	201.97	201.27	201.95	206.56	212.52	218.16
11	232.27	227.84	221.15	214.35	209.24	204.94	201.95	201.33	202.00	206.76	212.68	218.38
12	232.14	227.48	221.09	214.31	209.18	204.69	201.94	201.53	202.12	206.93	212.95	218.44
13	232.15	227.23	220.93	214.18	208.94	204.70	201.87	201.78	202.27	207.17	213.13	218.50
14	232.02	226.97	220.52	213.82	208.70	204.68	201.83	201.67	202.30	207.38	213.33	218.65
15	231.84	226.62	220.60	213.45	208.53	204.68	201.81	201.47	202.37	207.54	213.58	218.91
16	231.83	226.35	220.55	213.23	208.52	204.57	201.81	201.39	202.55	207.73	213.74	219.10
17	231.76	226.23	220.19	213.13	208.46	204.36	201.68	201.48	202.74	207.83	213.74	219.23
18	231.55	226.23	219.88	213.00	208.08	204.20	201.83	201.56	202.92	207.91	213.79	219.17
19	231.39	225.93	219.56	212.81	207.84	204.17	201.81	201.54	203.07	208.03	213.94	219.24
20	231.33	225.48	219.14	212.63	207.69	204.14	201.83	201.55	203.17	208.34	214.15	219.66
21	231.24	225.03	218.89	212.61	207.41	203.93	201.73	201.54	203.28	208.55	214.26	219.98
22	231.00	225.10	218.90	212.50	207.20	203.74	201.82	201.68	203.50	208.73	214.40	220.11
23	230.77	225.20	218.55	212.19	207.04	203.59	201.98	201.65	203.76	208.99	214.62	220.16
24	230.69	224.81	218.20	211.74	207.11	203.56	201.96	201.63	203.94	209.28	214.94	220.27
25	230.71	224.40	217.74	211.62	206.99	203.56	201.98	201.69	204.12	209.54	215.20	220.30
26	230.64	224.34	217.65	211.73	206.65	203.47	202.11	201.80	204.25	209.69	215.28	220.32
27	230.39	224.55	217.78	211.56	206.55	203.50	201.89	201.70	204.40	209.83	215.71	220.40
28	230.03	224.31	217.63	211.32	206.49	203.50	201.52	201.48	204.60	210.07	215.98	220.37
29	229.53	223.92	217.20	211.13	206.42	203.38	201.57	201.47	204.76	210.22	216.20	220.37
30	229.31	223.65	216.89	210.78	---	203.12	201.71	201.53	204.97	210.42	216.50	---
31	229.44	---	216.59	210.51	---	202.91	---	201.40	---	210.63	216.71	---
MAX	232.91	229.48	223.46	216.37	210.55	206.28	202.65	201.80	204.97	210.63	216.71	---
MIN	229.31	223.65	216.59	210.51	206.42	202.91	201.52	201.27	201.28	205.25	210.84	---

GROUND-WATER LEVELS

LAS VEGAS VALLEY--Continued

Water Level--Levels above LSD (land-surface datum) are listed as negative values.

Water Level Status--D, site was dry (no water-level recorded); F, flowing; P, site was being pumped; R, the same site had been pumped recently;

S, a nearby site that taps the same aquifer was being pumped.

Water Level Method--G, pressure gage; S, steel tape; T, electric tape; V, calibrated electric tape.

Reporting Agency--NV003, Nevada Division of Water Resources; USGS, U.S. Geological Survey

Water Level Accuracy--0, water level accurate to the nearest foot; 1, water level accurate to the nearest tenth of a foot;

2, water level accurate to the nearest one-hundredth of a foot.

Local Well No	Site Identification	Well Depth (Feet)	Elevation (Feet) Above Sea Level)	Water Level (Below Land Surface)						
				Date	(Feet)	Status	Method	Reporting Agency	Accuracy	
212 S16 E58 14A 1	363332115244001	930.	3579.	11/25/2003	815.08		V	USGS	1	
				05/17/2004	815.14		V	USGS	1	
212 S16 E58 23DDD 1	363212115240301	720.	3475.	11/25/2003	578.05		V	USGS	1	
				03/17/2004	577.90		V	USGS	1	
				05/17/2004	577.94		V	USGS	1	
				09/22/2004	577.88		V	USGS	1	
212 S16 E59 08 2	363407115215301	1403.	4175.	11/25/2003	1332.93		V	USGS	1	
				03/18/2004	1332.92		V	USGS	1	
				05/17/2004	1333.43		V	USGS	1	
				09/22/2004	1333.07		V	USGS	1	
212 S17 E58 14BCBA1	362830115270501	300.	3180.	12/18/2003	211.68		V	USGS	2	
				02/06/2004	212.63		V	USGS	2	
				05/17/2004	212.75		V	USGS	2	
				06/24/2004	211.74		V	USGS	2	
				08/03/2004	212.56		V	USGS	2	
212 S17 E59 20BD 1	362750115244001	300.	2950.	11/04/2003	26.75		S	USGS	2	
				02/06/2004	26.60		S	USGS	2	
				05/17/2004	26.40		S	USGS	2	
				08/03/2004	26.60		S	USGS	2	
212 S19 E59 03CBAC1	361937115215601	855.	3327.	02/02/2004	744.42		V	USGS	1	
				05/17/2004	741.05		V	USGS	1	
212 S19 E60 04DAB 2	361939115154801	780.	2454.	11/04/2003	110.51	R	V	USGS	2	
				02/04/2004	102.19		V	USGS	2	
				05/19/2004	103.32		V	USGS	2	
				08/03/2004	108.37		S	USGS	2	
212 S19 E60 09BCC 1	361843115161001	830.	2510.	11/03/2003	187.18		V	USGS	2	
				02/02/2004	180.25		V	USGS	2	
				05/17/2004	182.53		V	USGS	2	
				08/03/2004	186.98		V	USGS	2	
212 S19 E60 09DAD 2	361835115153701	300.	2440.	11/03/2003	133.96	P	V	USGS	2	
				02/02/2004	116.36		S	USGS	2	
				05/19/2004	129.95	P	V	USGS	2	
				08/03/2004	152.84		S	USGS	2	
212 S19 E60 14BDDA1	361757115140201	300.	2350.	11/04/2003	124.67	R	V	USGS	2	
				02/02/2004	118.04	R	S	USGS	2	
				05/21/2004	116.37	R	V	USGS	2	
212 S19 E60 22BDD 1	361703115150601	400.	2360.	11/03/2003	138.55		V	USGS	2	
				02/04/2004	111.03		V	USGS	2	
				05/17/2004	130.01		V	USGS	2	
				08/03/2004	159.86		S	USGS	2	
212 S19 E60 29BDD 1	361613115171401	303.	2530.	11/03/2003	213.87		S	USGS	2	
				05/17/2004	209.05		S	USGS	2	
				08/02/2004	214.90		S	USGS	2	
212 S19 E60 29DD 1	361602115165501	350.	2470	11/03/2003	161.16		S	USGS	2	
				02/02/2004	155.76		S	USGS	2	
				05/19/2004	156.29		S	USGS	2	
				08/03/2004	164.07		S	USGS	2	
212 S19 E60 29DDDB1	361550115164801	400.	2462.	11/03/2003	156.23		S	USGS	2	
				02/02/2004	149.32		S	USGS	2	
				05/17/2004	152.15		S	USGS	2	
				08/02/2004		F		USGS		
212 S19 E60 36CBB 1	361453115130301	330.	2290.	11/03/2003	142.37		S	USGS	2	
				02/04/2004	123.07		V	USGS	2	
				05/17/2004	121.37		S	USGS	2	
				08/03/2004	130.70		S	USGS	2	

GROUND-WATER LEVELS

LAS VEGAS VALLEY--Continued

Local Well No	Site Identification	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface)					
				Date	(Feet)	Status	Method	Reporting Agency	Accuracy
212 S19 E61 19BC 1	361704115121901	650.	2300.	10/02/2003	136.96		S	USGS	2
				12/22/2003	133.91		S	USGS	2
				03/23/2004	118.44		S	USGS	2
				04/22/2004	117.44		S	USGS	2
				05/04/2004	117.70		S	USGS	2
				06/21/2004	121.98		S	USGS	2
				06/22/2004	122.09		S	USGS	2
				08/12/2004	126.74		S	USGS	2
212 S19 E61 21DDB 1	361626115090701	1300.	2160.	11/06/2003	47.19		S	USGS	2
				03/23/2004	46.44		S	USGS	2
				05/04/2004	46.51		S	USGS	2
				06/21/2004	46.85		S	USGS	2
212 S19 E61 25CCC 1	361544115132701	275.	2301.	08/12/2004	47.07		S	USGS	2
				11/03/2003	128.10		S	USGS	2
				02/02/2004	109.46		S	USGS	2
				05/17/2004	118.81		S	USGS	2
212 S19 E61 31ADDD1	361516115112301	360.	2185.	08/03/2004	122.31		S	USGS	2
				11/04/2003	86.30	P	V	USGS	2
				02/02/2004	71.76	R	V	USGS	2
				05/17/2004	78.58	R	S	USGS	2
212 S19 E61 32CC 1	361456115111001	650.	2190.	08/04/2004	79.51		S	USGS	2
				10/01/2003	124.59		S	USGS	2
				11/06/2003	124.34		S	USGS	2
				12/22/2003	122.27		S	USGS	2
				02/04/2004	120.53		S	USGS	2
				03/23/2004	118.61		S	USGS	2
				05/04/2004	117.31		S	USGS	2
				06/21/2004	116.23		S	USGS	2
212 S19 E62 35DCDC1	361451115004401	838.	1867.	08/12/2004	116.44		S	USGS	2
				11/06/2003	75.41		V	USGS	1
				02/05/2004	77.19		V	USGS	1
				05/21/2004	77.46		V	USGS	1
212 S20 E60 04CAD 1	361417115161301	500.	2380.	08/05/2004	77.63		V	USGS	1
				11/03/2003	312.07		V	USGS	2
				02/04/2004	288.22		V	USGS	2
				05/17/2004	279.02		V	USGS	2
212 S20 E60 13ADAB1	361248115122701	38.	2210.	08/03/2004	290.93		V	USGS	2
				11/03/2003	19.15		S	USGS	2
				02/02/2004	19.50		S	USGS	2
				05/17/2004	19.48		S	USGS	2
212 S20 E61 01ACCD1	361425115061901	84.	1919.	08/03/2004	19.53		S	USGS	2
				11/04/2003	60.35		S	USGS	2
				02/02/2004	59.19		S	USGS	2
				05/17/2004	60.07		S	USGS	2
212 S20 E61 04BDCA1	361426115095001	270.	2103.	08/04/2004	59.08		S	USGS	2
				11/04/2003	72.77		S	USGS	2
				02/02/2004	63.00		S	USGS	2
				05/17/2004	72.51		S	USGS	2
212 S20 E61 06CBDD1	361346115115901	1000.	2211.	08/04/2004	60.98		S	USGS	2
				11/04/2003	75.10		S	USGS	2
				02/02/2004	71.92		S	USGS	2
				05/17/2004	74.80		S	USGS	2
212 S20 E61 13ABDB1	361232115061001	1230.	1857.	09/13/2004	74.52		V	USGS	2
				10/02/2003	40.02		S	USGS	2
				12/22/2003	38.62		S	USGS	2
				03/23/2004	37.56		S	USGS	2
				05/04/2004	37.15		S	USGS	2
				06/21/2004	37.07		S	USGS	2
				08/12/2004	37.01		S	USGS	2
				11/05/2003	20.14		S	USGS	2
212 S20 E61 14CCCC1	361212115065901	46.	1910.	02/05/2004	20.57		S	USGS	2
				05/18/2004	20.83		S	USGS	2
				08/04/2004	20.61		S	USGS	2

GROUND-WATER LEVELS

LAS VEGAS VALLEY--Continued

Local Well No	Site Identification	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface)					
				Date	(Feet)	Status	Method	Reporting Agency	Accuracy
212 S20 E61 22BCDD1	361141115085001	1000.	2019.	11/05/2003	16.78		S	USGS	2
				02/02/2004	13.33		S	USGS	2
				05/18/2004	16.52		S	USGS	2
				08/04/2004	16.13		S	USGS	2
212 S20 E61 29CBB 2	361047115111601	967.	2143.14	10/01/2003		D		NV003	
				10/06/2003		D		NV003	
				10/13/2003		D		NV003	
				10/20/2003	110.59		S	NV003	2
				10/27/2003	102.44		S	NV003	2
				11/03/2003	97.08		S	NV003	2
				11/05/2003	100.01		V	USGS	2
				11/12/2003	94.25		S	NV003	2
				11/17/2003	92.93		S	NV003	2
				11/26/2003	92.94		S	NV003	2
				12/02/2003	89.47		S	NV003	2
				12/08/2003	87.48		S	NV003	2
				12/15/2003	86.21		S	NV003	2
				12/29/2003	80.68		S	NV003	2
				01/06/2004	80.07		S	NV003	2
				01/12/2004	78.74		S	NV003	2
				01/20/2004	77.09		S	NV003	2
				01/26/2004	79.50		S	NV003	2
				02/02/2004	91.73		V	USGS	2
				02/03/2004	78.64		S	NV003	2
				02/09/2004	79.60		S	NV003	2
				02/17/2004	77.85		S	NV003	2
				02/23/2004	76.62		S	NV003	2
				03/01/2004	76.64		S	NV003	2
				03/08/2004	76.39		T	NV003	1
				03/15/2004	77.88		T	NV003	1
				03/22/2004	75.44		T	NV003	1
				03/30/2004	75.41		T	NV003	1
				04/05/2004	73.84		T	NV003	1
				04/12/2004	77.21		T	NV003	1
				04/20/2004	74.13		T	NV003	1
				04/28/2004	72.64		T	NV003	1
				05/04/2004	73.91		T	NV003	1
				05/10/2004	74.00		T	NV003	1
				05/17/2004	73.06		T	NV003	1
				05/18/2004	93.31		S	USGS	2
05/24/2004	72.67		T	NV003	1				
06/01/2004	72.86		T	NV003	1				
06/14/2004	84.56		T	NV003	1				
06/22/2004	87.09		T	NV003	1				
06/28/2004	90.77		T	NV003	1				
07/06/2004	93.26		T	NV003	1				
07/12/2004	95.79		T	NV003	1				
07/19/2004	95.80		T	NV003	1				
07/26/2004	100.87		T	NV003	1				
08/02/2004	101.70		T	NV003	1				
08/04/2004	94.61		V	USGS	2				
08/10/2004			D	NV003					
08/17/2004	103.44		T	NV003	1				
08/23/2004	105.35		T	NV003	1				
08/31/2004			D	NV003					
09/07/2004			D	NV003					
09/13/2004			D	NV003					
09/21/2004			D	NV003					
09/27/2004			D	NV003					

GROUND-WATER LEVELS

LAS VEGAS VALLEY--Continued

Local Well No	Site Identification	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface)					
				Date	(Feet)	Status	Method	Reporting Agency	Accuracy
212 S20 E61 30BDC 1	361053115120501	33.	2190.	11/05/2003	10.48		S	USGS	2
				02/02/2004	11.23		S	USGS	2
				05/18/2004	10.65		S	USGS	2
				08/04/2004	10.56		S	USGS	2
212 S20 E61 31DCD 1	360937115113401	18.	2155.	11/05/2003	10.03		S	USGS	2
				02/02/2004	11.18		S	USGS	2
				05/18/2004	10.11		S	USGS	2
				08/04/2004	11.35		S	USGS	2
212 S20 E61 32CDC 1	360941115104801	665.	2095.5	11/05/2003	34.47		S	USGS	2
				02/05/2004	22.02		V	USGS	2
				05/18/2004	22.44		S	USGS	2
				08/04/2004	26.38		S	USGS	2
212 S20 E61 34CAA 1	360837115095501	22.	2010.	11/05/2003	8.64		S	USGS	2
				02/02/2004	8.88		S	USGS	2
				05/18/2004	8.77		S	USGS	2
				08/04/2004	7.90		S	USGS	2
212 S20 E62 05CAAA1	361400115040901	1000.	1869.	10/01/2003	93.95		S	USGS	2
				11/06/2003	91.59		S	USGS	2
				12/22/2003	84.08		S	USGS	2
				03/23/2004	77.97		S	USGS	2
				05/04/2004	78.54		S	USGS	2
				06/21/2004	80.66		S	USGS	2
				08/12/2004	82.17		S	USGS	2
212 S20 E62 09CCC 1	361258115032101	650.	1827.	11/06/2003	122.44		V	USGS	1
				02/05/2004	60.94		V	USGS	1
				05/21/2004	64.29		V	USGS	1
				08/05/2004	175.42	R	V	USGS	1
212 S20 E62 15BBAB1	361233115021501	1000.	1816.	11/06/2003	128.74	R	V	USGS	1
				02/05/2004	109.76	R	V	USGS	1
				05/21/2004	164.61	R	V	USGS	1
212 S20 E62 16ACC 1	361241115024801	694.	1811.	08/05/2004	140.12	R	V	USGS	1
				11/06/2003	88.49		V	USGS	1
				02/05/2004	65.20		V	USGS	1
				05/21/2004	196.13	P	V	USGS	1
212 S20 E62 19DC 1	361123115050601	300.	1797.	08/05/2004	194.14	R	V	USGS	1
				10/01/2003	16.58		T	NV003	1
				10/06/2003	16.58		T	NV003	1
				10/13/2003	16.58		T	NV003	1
				10/20/2003	16.55		T	NV003	1
				10/27/2003	16.54		T	NV003	1
				11/03/2003	16.52		T	NV003	1
				11/05/2003	16.09		S	USGS	2
				11/12/2003	16.45		T	NV003	1
				11/17/2003	16.41		T	NV003	1
				11/26/2003	16.39		T	NV003	1
				12/02/2003	16.37		T	NV003	1
				12/08/2003	16.30		T	NV003	1
				12/15/2003	16.35		S	NV003	2
				12/29/2003	16.24		T	NV003	1
				01/06/2004	16.21		T	NV003	1
				01/12/2004	16.23		T	NV003	1
				01/20/2004	16.19		T	USGS	1
				01/26/2004	16.18		T	NV003	1
				02/03/2004	16.12		T	NV003	1
02/05/2004	16.17		S	USGS	2				
02/09/2004	16.17		T	NV003	1				
02/17/2004	16.27		S	NV003	2				
02/23/2004	16.27		S	NV003	2				
03/01/2004	16.09		T	NV003	1				
03/08/2004	16.10		T	NV003	1				
03/15/2004	16.08		T	NV003	1				
03/22/2004	16.06		T	NV003	1				

GROUND-WATER LEVELS

LAS VEGAS VALLEY--Continued

Local Well No	Site Identification	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface)					
				Date	(Feet)	Status	Method	Reporting Agency	Accuracy
212 S20 E62 19DC 1	361123115050601	300.	1797.	03/30/2004	16.13		T	NV003	1
				04/05/2004	16.09		T	NV003	1
				04/12/2004	16.11		T	NV003	1
				04/20/2004	16.18		T	NV003	1
				04/28/2004	16.13		T	NV003	1
				05/04/2004	16.25		T	NV003	1
				05/10/2004	16.30		T	NV003	1
				05/17/2004	16.33		T	NV003	1
				05/18/2004	16.13		S	USGS	2
				05/24/2004	16.35		T	NV003	1
				06/01/2004	16.28		T	NV003	1
				06/14/2004	16.51		T	NV003	1
				06/22/2004	16.66		T	NV003	1
				06/28/2004	16.77		T	NV003	1
				07/06/2004	16.87		T	NV003	1
				07/12/2004	16.87		T	NV003	1
				07/19/2004	16.87		T	NV003	1
				07/26/2004	16.88		T	NV003	1
				08/02/2004	16.92		T	NV003	1
				08/04/2004	16.94		S	USGS	2
08/10/2004	17.45		S	NV003	2				
08/17/2004	16.97		T	NV003	1				
08/23/2004	16.95		T	NV003	1				
08/31/2004	17.03		T	NV003	1				
09/07/2004	17.10		T	NV003	1				
09/13/2004	17.13		T	NV003	1				
09/21/2004	17.14		T	NV003	1				
09/27/2004	17.14		T	NV003	1				
212 S20 E62 26BBCC1	361100115011901	320.	1900.	11/04/2003	116.86	R	V	USGS	2
				05/18/2004	116.88		V	USGS	2
				08/03/2004	114.60		V	USGS	2
212 S20 E62 29DBCD1	361040115040601	37.	1770.	11/04/2003	22.00		S	USGS	2
				02/03/2004	21.65		V	USGS	2
				05/20/2004	18.23		V	USGS	2
212 S20 E62 34CABB1	360952115020701	100.	1740.	08/02/2004	19.70		S	USGS	2
				02/03/2004	20.01		S	USGS	2
				05/18/2004	20.79		S	USGS	2
212 S21 E60 01DBB 1	360847115125301	190.	2261.	08/03/2004	20.50		S	USGS	2
				11/03/2003	87.51		S	USGS	2
				02/02/2004	87.50		S	USGS	2
212 S21 E60 16BDDDB1	360712115155501	750.	2545.	05/17/2004	88.28		S	USGS	2
				08/03/2004	87.60		S	USGS	2
				11/03/2003	427.43		V	USGS	1
212 S21 E60 35ADAB1	360444115132301	500.	2359.	02/02/2004	425.72		V	USGS	1
				05/17/2004	423.79		V	USGS	1
				08/03/2004	422.65		V	USGS	1
212 S21 E60 01DDBA1	360444115132301	500.	2359.	02/04/2004	276.89		V	USGS	2
				08/05/2004	277.32		V	USGS	2
212 S21 E61 03AAAD1	360924115081101	14.	1990.	11/05/2003	8.03		S	USGS	2
				02/02/2004	7.60		S	USGS	2
				05/18/2004	7.31		S	USGS	2
				08/02/2004	7.83		S	USGS	2
212 S21 E61 03AAAD2	360924115081102	40.	1990.	09/13/2004	6.52		S	USGS	2
				09/13/2004	6.88		S	USGS	2
212 S21 E61 03ABAB1	360930115083401	25.	2008.	11/05/2003	11.31		S	USGS	2
				02/02/2004	10.86		S	USGS	2
				05/18/2004	10.91		S	USGS	2
				08/04/2004	11.53		S	USGS	2
212 S21 E61 03ABB 2	360931115083802	807.	2014.	11/05/2003	29.26		S	USGS	2
				02/02/2004	17.39		S	USGS	2
				05/18/2004	16.98		S	USGS	2
				09/13/2004	35.67		S	USGS	2

GROUND-WATER LEVELS

LAS VEGAS VALLEY--Continued

Local Well No	Site Identification	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface)						
				Date	(Feet)	Status	Method	Reporting Agency	Accuracy	
212 S21 E61 14ACA 1	360728115072901	750.	1930.	11/05/2003	35.50		V	USGS	2	
				02/04/2004	1.45		V	USGS	2	
212 S21 E61 19BDCC1	360630115120401	37.	2210.	11/03/2003	18.84		S	USGS	2	
				02/02/2004	18.88		S	USGS	2	
				05/17/2004	18.90		S	USGS	2	
				08/02/2004	18.91		S	USGS	2	
212 S21 E61 22BAAC1	360648115084901	15.	2030.	11/05/2003	10.34		S	USGS	2	
				02/03/2004	10.03		S	USGS	2	
				05/18/2004	10.15		S	USGS	2	
				08/02/2004	9.67		S	USGS	2	
212 S21 E61 24CAD 1	360617115063801	24.	1950.	11/04/2003	16.80		S	USGS	2	
				02/03/2004	16.80		S	USGS	2	
				05/18/2004	17.20		S	USGS	2	
				08/02/2004	17.38		S	USGS	2	
212 S21 E61 24CAD 2	360617115063802	30.	1958.	11/04/2003	16.88		S	USGS	2	
				02/03/2004	17.08		S	USGS	2	
				05/18/2004	17.43		S	USGS	2	
				08/02/2004	17.62		S	USGS	2	
212 S21 E61 26DDBB1	360522115072101	30.	2010.	11/05/2003	18.85		S	USGS	2	
				02/03/2004	19.52		S	USGS	2	
				05/18/2004	18.97		S	USGS	2	
				08/02/2004	19.46		S	USGS	2	
212 S21 E61 28CABB1	360528115094201	93.	2125.	10/01/2003	16.34		T	NV003	1	
				10/06/2003	16.20		T	NV003	1	
				10/13/2003	16.34		T	NV003	1	
				10/20/2003	16.06		T	NV003	1	
				10/27/2003	16.37		T	NV003	1	
				11/03/2003	16.44		T	NV003	1	
				11/05/2003	16.28		S	USGS	2	
				11/12/2003	16.48		T	NV003	1	
				11/17/2003	16.52		T	NV003	1	
				11/26/2003	16.57		T	NV003	1	
				12/02/2003	16.63		T	NV003	1	
				12/08/2003	16.58		T	NV003	1	
				12/15/2003	16.69		S	NV003	2	
				12/29/2003	16.58		T	NV003	1	
				01/06/2004	16.65		T	NV003	1	
				01/12/2004	16.86		T	NV003	1	
				01/20/2004	16.83		T	NV003	1	
				01/26/2004	16.94		T	NV003	1	
				02/03/2004	17.13		S	USGS	2	
				02/03/2004	17.26		T	NV003	1	
				02/09/2004	17.53		T	NV003	1	
				02/17/2004	17.83		T	NV003	1	
				02/23/2004	17.84		S	NV003	2	
				03/01/2004	17.02		T	NV003	1	
03/08/2004	16.94		T	NV003	1					
03/15/2004	16.84		T	NV003	1					
03/22/2004	16.74		T	NV003	1					
03/30/2004	16.85		T	NV003	1					
04/05/2004	16.50		T	NV003	1					
04/12/2004	16.52		T	NV003	1					
04/20/2004	16.83		T	NV003	1					
04/28/2004	16.66		T	NV003	1					
05/04/2004	16.70		T	NV003	1					
05/10/2004	16.71		T	NV003	1					
05/17/2004	16.61		T	NV003	1					
05/18/2004	16.45		S	USGS	2					
05/24/2004	16.61		T	NV003	1					
06/01/2004	16.67		T	USGS	1					
06/14/2004	16.75		T	NV003	1					
06/22/2004	16.76		T	NV003	1					

GROUND-WATER LEVELS

LAS VEGAS VALLEY--Continued

Local Well No	Site Identification	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface)						
				Date	(Feet)	Status	Method	Reporting Agency	Accuracy	
212 S21 E61 28CABB1	360528115094201	93.	2125.	06/28/2004	16.75		T	NV003	1	
				07/06/2004	16.61		T	NV003	1	
				07/12/2004	16.82		T	NV003	1	
				07/19/2004	16.88		T	NV003	1	
				07/26/2004	16.85		T	NV003	1	
				08/02/2004	16.39		T	NV003	1	
				08/02/2004	16.46		S	USGS	2	
				08/10/2004	16.58		T	NV003	1	
				08/17/2004	16.25		T	NV003	1	
				08/23/2004	16.18		T	NV003	1	
				08/31/2004	16.65		T	NV003	1	
				09/07/2004	16.65		T	NV003	1	
				09/13/2004	16.70		T	NV003	1	
				09/21/2004	16.73		T	NV003	1	
				09/27/2004	16.81		T	NV003	1	
212 S21 E62 09ADAD1	360821115025001	49.	1708.	11/04/2003	17.38		S	USGS	2	
				02/03/2004	17.41		S	USGS	2	
				05/18/2004	17.17		S	USGS	2	
				08/02/2004	17.71		S	USGS	2	
212 S21 E62 10ACAA1	360826115020001	715.	1705.	11/04/2003	21.20		S	USGS	2	
				02/03/2004	22.01		S	USGS	2	
				05/18/2004	22.21		S	USGS	2	
212 S21 E62 17DAB 1	360744115050801	11.	1730.	08/02/2004	22.17		S	USGS	2	
				11/04/2003		D		USGS		
				02/03/2004	9.82		V	USGS	2	
				05/18/2004	9.71		V	USGS	2	
212 S21 E62 20DDD 1	360601115034401	500.	1720.	08/02/2004	10.47		V	USGS	2	
				11/04/2003	-62.0		G	USGS	0	
				02/05/2004	-64.0		G	USGS	0	
				05/18/2004	-61.0		G	USGS	0	
212 S21 E63 30AAAA1	360832115060201	80.	1590.	08/02/2004	-64.0		G	USGS	0	
				02/03/2004	23.13		S	USGS	2	
				05/18/2004	23.28		S	USGS	2	
				08/02/2004	23.28		S	USGS	2	
212 S22 E60 20CACA1	360047115171401	710.	2810.	11/03/2003	473.45		V	USGS	1	
				02/02/2004	472.94		V	USGS	1	
				05/18/2004	472.75		V	USGS	1	
212 S22 E61 03ADBC2	360401115082301	60.	2086.	11/05/2003	29.78		S	USGS	2	
				02/03/2004	29.57		S	USGS	2	
				05/18/2004	30.11		S	USGS	2	
				08/02/2004	30.28		S	USGS	2	
212 S22 E61 04BCB 1	360349115100001	355.	2219.	10/01/2003	151.02		S	USGS	2	
				10/01/2003	151.04		T	NV003	1	
				10/06/2003	151.02		T	NV003	1	
				10/13/2003	151.04		T	NV003	1	
				10/20/2003	150.98		T	NV003	1	
				10/27/2003	150.88		T	NV003	1	
				11/03/2003	150.60		T	NV003	1	
				11/06/2003	150.76		S	USGS	2	
				11/12/2003	150.49		T	NV003	1	
				11/17/2003	150.36		T	NV003	1	
				11/26/2003	150.24		T	NV003	1	
				12/02/2003	150.38		T	NV003	1	
				12/08/2003	150.06		T	NV003	1	
				12/15/2003	150.36		S	USGS	2	
				12/15/2003	149.65		S	NV003	2	
				12/29/2003	149.82		T	NV003	1	
				01/06/2004	149.78		T	NV003	1	
				01/12/2004	149.69		T	NV003	1	
				01/20/2004	149.46		T	NV003	1	
01/26/2004	149.50		T	NV003	1					
02/03/2004	149.09		T	NV003	1					

GROUND-WATER LEVELS

LAS VEGAS VALLEY--Continued

Local Well No	Site Identification	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface)					
				Date	(Feet)	Status	Method	Reporting Agency	Accuracy
212 S22 E61 04BCB 1	360349115100001	355.	2219.	02/04/2004	149.19	S		USGS	2
				02/09/2004	149.37	T		NV003	1
				02/17/2004	149.32	T		NV003	1
				02/23/2004	148.49	S		NV003	2
				03/01/2004	148.68	T		NV003	1
				03/08/2004	148.86	T		NV003	1
				03/15/2004	148.62	T		NV003	1
				03/22/2004	148.79	T		NV003	1
				03/23/2004	148.46	S		USGS	2
				03/30/2004	148.64	T		NV003	1
				04/05/2004	148.55	T		NV003	1
				04/12/2004	148.61	T		NV003	1
				04/20/2004	148.64	T		NV003	1
				04/28/2004	148.35	T		NV003	1
				05/04/2004	148.62	S		USGS	2
				05/04/2004	148.56	T		NV003	1
				05/10/2004	148.34	T		NV003	1
				05/17/2004	148.53	T		NV003	1
				05/24/2004	148.59	T		NV003	1
				06/01/2004	148.67	T		NV003	1
				06/14/2004	148.87	T		NV003	1
				06/21/2004	148.99	S		USGS	2
				06/22/2004	148.96	T		NV003	1
				06/28/2004	148.98	T		NV003	1
				07/06/2004	149.06	T		NV003	1
				07/12/2004	149.02	T		NV003	1
				07/19/2004	149.09	T		NV003	1
				07/26/2004	149.10	T		NV003	1
				08/02/2004	149.12	T		NV003	1
				08/10/2004	149.23	T		NV003	1
				08/12/2004	149.16	S		USGS	2
				08/17/2004	149.19	T		NV003	1
08/23/2004	148.95	T		NV003	1				
08/31/2004	149.09	T		NV003	1				
09/07/2004	148.99	T		NV003	1				
09/13/2004	148.80	T		USGS	1				
09/21/2004	149.04	T		NV003	1				
09/27/2004	148.77	T		NV003	1				
212 S22 E61 12AAAD1	360321115060001	500.	2020.	11/04/2003	14.13	S		USGS	2
				02/03/2004	7.69	S		USGS	2
				05/18/2004	16.34	S		USGS	2
212 S22 E61 16AABB1	360231115092401	145.	2195.	08/02/2004	23.77	S		USGS	2
				11/05/2003	111.89	V		USGS	2
				05/18/2004	109.29	V		USGS	2
212 S22 E61 20BAD 1	360112115104301	210.	2287.	08/02/2004	109.79	S		USGS	2
				11/03/2003	200.94	V		USGS	2
				02/05/2004	200.41	V		USGS	2
212 S22 E61 29DCDB1	360002115103801	300.	2275.	05/18/2004	201.02	V		USGS	2
				08/02/2004	201.55	S		USGS	2
				11/05/2003	136.90	S		USGS	2
				02/03/2004	135.98	S		USGS	2
212 S22 E61 15BBCB1	360222115024301	84.	1894.	05/18/2004	136.09	S		USGS	2
				08/05/2004	136.47	S		USGS	2
				11/04/2003	63.54	S		USGS	2
				02/05/2004	62.88	S		USGS	2
212 S23 E61 03BCC 1	361136115101401	650.	2375.	05/18/2004	62.00	S		USGS	2
				08/05/2004	62.48	S		USGS	2
				11/05/2003	223.59	S		USGS	2
				02/06/2004	223.28	V		USGS	2
				05/19/2004	223.39	V		USGS	2
				08/03/2004	223.86	S		USGS	2

GROUND-WATER LEVELS

NEVADA TEST SITE AND ADJACENT AREAS MONITORING PROJECT

Periodic water-level measurements are made in areas adjacent to the Nevada Test Site to aid in characterizing the local and regional ground-water flow systems. The measurements are made in cooperation with the U.S. Department of Energy as part of their Environmental Restoration Program. The following data have been collected and reviewed according to quality-assurance requirements specific to the Nevada Test Site. Data are listed by Nevada hydrographic area and then by descending latitude/longitude.

Site Identification--U.S. Geological Survey site designation.

Land Surface Elevation--Datum is sea level. Value may not represent current elevation.

Well Depth--Datum is land surface. Represents most recent available accessible depth.

Depth of Open Interval (feet below land surface datum)--Top, depth to top of shallowest open interval; bottom, depth to bottom of deepest open interval.

Depth to Water--Datum is land surface. Water-levels represent a composite of all open intervals in well. Water-levels above land surface-datum are listed as negative values. Values not representing static water level are noted in "Status" column.

Status--P, site was being pumped; S, a nearby site that taps the same aquifer was being pumped; no site status, the reported water-level measurement represents a static level.

Method--A, airline; S, steel tape; T, electric tape; V, calibrated electric tape; Z, other.

Accuracy--0, water level accurate to the nearest foot; 1, water level accurate to the nearest tenth of a foot; 2, water level accurate to the nearest hundredth of a foot.

Well Name	Site Identification	Latitude	Longitude	Date Hole Completed	Land Surface Elevation (Feet above Sea Level)	Well Depth (feet)	Depth of Open Interval(s)		Number of Openings	Water-Level Measurement				
							Top (feet)	Bottom (feet)		Date	Depth to Water (feet)	Status	Method	Accuracy
RALSTON VALLEY (141)														
Ralston Valley Well	375533116580601	37°55'33"	116°58'06"		5219.						12/09/2003	232.20	V	2
											06/16/2004	232.04	V	2
LIDA VALLEY (144)														
Ralston Well	373320117090601	37°33'20"	117°09'05"		4756.	409					12/11/2003	308.01	V	1
											06/17/2004	308.13	V	1
STONE WALL FLAT (145)														
Hammel Mine Well	373228116472001	37°32'28"	116°47'20"		5540.	123.					06/15/2004	118.58	V	2
SARCOBATUS FLAT (146)														
BLM Springdale	370648116473001	37°06'49"	116°47'32"		4035.	117.					12/11/2003	93.56	S	2
											03/16/2004	93.54	S	2
											05/19/2004	93.54	S	2
											09/29/2004	93.53	S	2
NDOT TPJ-2	370753116502701	37°07'53"	116°50'27"		4005.						12/11/2003	57.56	V	2
											05/19/2004	57.56	V	2
											09/29/2004	57.56	V	2
USBLM TPJ-1	370840116510101	37°08'42"	116°51'01"	--/--/52	3991.	107.					12/11/2003	42.84	V	2
											05/19/2004	42.87	V	2
											09/29/2004	42.87	V	2
BC- 1	371309117074901	37°13'09"	117°07'49"	04/04/02	4001.	410.	338.5	410.	1		12/11/2003	48.59	V	2
											03/17/2004	48.60	V	2
											05/19/2004	48.61	V	2
											09/29/2004	48.61	V	2
BC- 2	371309117074902	37°13'03"	117°07'45"	02/27/03	3999.9	103.	63.	103.	1		12/11/2003	47.51	V	2
											03/17/2004	47.48	V	2
											05/19/2004	47.46	V	2
											09/29/2004	47.44	V	2
SF- 1	371615117053601	37°16'15"	117°05'36"	04/19/02	4021.6	879.	839.	879.	1		12/11/2003	54.47	V	2
											03/17/2004	54.50	V	2
											05/19/2004	54.52	V	2
											09/29/2004	54.47	V	2
SF- 2	371615117053602	37°16'15"	117°05'35"	04/22/02	4021.4	496.	456.	496.	1		12/11/2003	54.33	V	2
											03/17/2004	54.35	V	2
											05/19/2004	54.34	V	2
											09/29/2004	54.32	V	2
GOLD FLAT (147)														
Gold Flat 2a	372543116363502	37°25'43"	116°36'35"		5230.						06/15/2004	233.55	S	2
TTR Sulfide Mine	373446116433301	37°34'46"	116°43'33"		6130.						12/09/2003	51.92	V	2
											06/15/2004	51.84	V	2

GROUND-WATER LEVELS

NEVADA TEST SITE AND ADJACENT AREAS MONITORING PROJECT--Continued

Well Name	Site Identification	Latitude	Longitude	Date Hole Completed	Land Surface Elevation (Feet above Sea Level)	Well Depth (feet)	Depth of Open Interval(s)		Number of Openings	Water-Level Measurement				
							Top (feet)	Bottom (feet)		Date	Depth to Water (feet)	Status Method Accuracy		
CACTUS FLAT (148)														
TTR Antelope Mine 1	373622116434601	37°36'20"	116°43'45"		6350.					12/09/2003	19.01	V	2	
										06/15/2004	18.87	V	2	
TTR Antelope Mine 2	373622116434701	37°36'22"	116°43'46"		6356.					12/09/2003	23.26	V	2	
										06/15/2004	23.10	V	2	
TTR Antelope Mine 3	373623116434701	37°36'22"	116°43'47"		6362.					12/09/2003	30.53	V	2	
										06/15/2004	30.35	V	2	
TTR EH-4	374619116435401	37°46'16"	116°43'59"	11/03/83	5458.	490.	150.	490.	1	12/09/2003	315.62	V	1	
										06/15/2004	315.50	V	1	
TTR EH-2 WW	374658116464102	37°46'58"	116°46'41"		5595.	580.				12/09/2003	467.20	A	0	
TTR Sandia 2	374725116452701	37°47'25"	116°45'27"	09//1956	5477.6	525.	325.	485.	1	12/09/2003	347.21	V	1	
										06/16/2004	347.15	V	1	
TTR Sandia 4	374739116453401	37°47'39"	116°45'34"	07/02/59	5468.2	580.	351.	466.	1	12/09/2003	337.10	V	1	
										06/15/2004	337.51	V	1	
TTR Sandia 5	374959116431301	37°49'59"	116°43'13"		5333.9	300.				12/09/2003	156.93	V	2	
										06/16/2004	156.99	V	2	
STONE CABIN VALLEY (149)														
TTR 3A WW	375045116460201	37°50'46"	116°46'03"	03/04/80	5362.	805.	537.	805.	1	12/10/2003	198.59	V	2	
										06/16/2004	198.70	V	2	
TTR 3B WW	375054116460201	37°50'54"	116°46'02"	01/11/85	5360.	300.	145.	284.	1	12/10/2003	117.50	A	0	
										06/16/2004	118.50	A	0	
TTR 3BB	375055116460201	37°50'55"	116°46'02"		5358.					12/10/2003	110.14	V	2	
										06/16/2004	111.77	V	2	
TTR EH-6	375139116460001	37°51'40"	116°45'59"	11/17/83	5355.	535.	0.	310.	1	12/10/2003	98.33	V	2	
										06/16/2004	98.58	V	2	
TTR EH-7 WW	375310116472302	37°53'11"	116°47'25"	09/01/89	5343.	660.	304.	650.	1	12/10/2003	109.10	A	0	
										06/16/2004	109.10	A	0	
TTR Reeds Ranch Well	375453116450501	37°54'54"	116°45'06"		5384.	127.				12/10/2003	101.70	V	2	
										06/16/2004	101.76	V	2	
HOT CREEK VALLEY (156)														
Blue Jay Maintenance Station	382205116132500	38°22'15"	116°13'34"		5238	238				12/10/2003	40.77	S	2	
										06/16/2004	40.85	S	2	
HTH- 1	383734116124501	38°37'35"	116°12'45"	07/23/67	6010.8	3695.	150.	3665.	16	12/10/2003	536.11	V	1	
										06/16/2004	536.39	V	1	
UC- 1-P-2SR	383806116125951	38°38'06"	116°12'54"	04/06/68	6084.	2734.	1148.	2790.	2	12/10/2003	551.50	V	1	
										06/16/2004	546.18	V	1	
INDIAN SPRINGS VALLEY (161)														
Army 3	363238115464601	36°32'38"	115°46'46"	11/20/58	3617.	826.	310.	826	2	11/24/2003	285.02	V	2	
										05/18/2004	285.14	V	2	
Army 2	363255115515801	36°32'55"	115°51'58"	09/03/58	3799.	627.	92.	658.	1	11/24/2003	496.23	V	1	
										05/18/2004	496.15	V	1	
Cactus Springs 3	363422115433701	36°34'22"	115°43'37"		3265.	100.	83.	100.	1	11/24/2003	33.66	V	2	
										05/18/2004	33.70	V	2	
USAF Well 106-2	363447115404601	36°34'47"	115°40'50"	06/16/83	3085.	604.	133.	418.	1	12/18/2003	74.75	P	V	2
										06/24/2004	64.62	S	V	2
USAF Well 3	363452115405101	36°34'49"	115°40'53"	01/11/85	3130.	600.	210.	600.	4	12/18/2003	65.59	V	2	
										06/24/2004	151.46	P	V	2
USAF MW-22	363508115391701	36°35'08"	115°39'17"	04/06/88	3100.4	65.	35.	65.	1	12/18/2003	39.72	V	2	
										06/24/2004	39.42	V	2	
USAF MW-21	363529115391301	36°35'29"	115°39'13"	04/07/88	3094.5	75.	45.	75.	1	12/18/2003	42.45	V	2	
										06/24/2004	42.59	V	2	
USAF MW-20	363529115392101	36°35'29"	115°39'21"	04/07/88	3092.8	65.	35.	65.	1	12/18/2003	40.70	V	2	
										06/24/2004	40.66	V	2	
PAHRUMP VALLEY (162)														
BLM Stewart Valley Well	361515116100901	36°15'15"	116°10'09"	10/27/97	2469.	69.				10/31/2003	37.07	T	2	
										11/25/2003	35.76	T	2	
										12/02/2003	34.48	V	2	
										02/11/2004	33.48	T	2	
										04/16/2004	32.62	T	2	
										06/17/2004	34.93	T	2	
										09/30/2004	37.89	T	2	

GROUND-WATER LEVELS

NEVADA TEST SITE AND ADJACENT AREAS MONITORING PROJECT--Continued

Well Name	Site Identification	Latitude	Longitude	Date Hole Completed	Land Surface Elevation (Feet above Sea Level)	Well Depth (feet)	Depth of Open Interval(s)		Number of Openings	Date	Water-Level Measurement		
							Top (feet)	Bottom (feet)			Depth to Water (feet)	Status	Method
TIKAPOO VALLEY--SOUTHERN PART (169B)													
USGS DDL-2	365502115134101	36°55'02"	115°13'41"	01/21/89	3288.2	460.	13.	460.	1	11/25/2003	212.41	V	2
										05/17/2004	212.39	V	2
THREE LAKES VALLEY--SOUTHERN PART (211)													
USAF Well 2278-1	363205115335601	36°32'06"	115°33'57"	01/01/73	3200.	353.	240.	353.	3	10/02/2003	115.97	V	2
										12/18/2003	116.17	V	2
										06/24/2004	116.40	V	2
LAS VEGAS VALLEY (212)													
USAF Well 2372-1	362830115270501	36°28'30"	115°26'57"		3180.	300.				12/18/2003	211.68	V	2
										02/06/2004	212.63	V	2
										05/17/2004	212.75	V	2
										06/24/2004	211.74	V	2
										08/03/2004	212.56	V	2
USFWS SBH-1	363212115240301	36°32'12"	115°24'03"	02/24/87	3475.	720.	665.	695.	1	11/25/2003	578.05	V	1
										03/17/2004	577.90	V	1
										05/17/2004	577.94	V	1
										09/22/2004	577.88	V	1
USFWS DR-1	363332115244001	36°33'28"	115°24'38"	01/05/89	3579.	930.	870.	930.	1	11/25/2003	815.08	V	1
										05/17/2004	815.14	V	1
USGS - Cow Camp	363407115215301	36°34'07"	115°21'53"		4175.	1403.				11/25/2003	1332.93	V	1
										03/18/2004	1332.92	V	1
										05/17/2004	1333.43	V	1
										09/22/2004	1333.07	V	1
MERCURY VALLEY (225)													
Army 6A	363437116010801	36°34'37"	116°01'08"	--/55	3445.	1253.	1157.	1228.	1	11/24/2003	1033.63	V	1
										05/18/2004	1032.59	V	1
										08/05/2004	1032.66	V	1
OASIS VALLEY (228)													
Beatty Wash Terrace Well	365640116431501	36°56'40"	116°43'15"	10/13/84	3460.	39.	55.	75.	1	12/15/2003	20.65	V	2
										03/16/2004	19.14	V	2
										05/19/2004	19.29	V	2
										09/22/2004	21.02	V	2
ER-OV-04a	365705116424201	36°57'05"	116°42'42"	10/01/97	3491.4	151.	111.	131.	1	12/15/2003	24.10	V	2
										03/15/2004	23.59	V	2
										05/19/2004	23.82	V	2
										09/21/2004	24.41	V	2
ER-EC-7	365910116284401	36°59'06"	116°28'40"	08/06/99	4805.	1304.	890.	1386.	4	12/16/2003	747.58	V	1
										03/15/2004	747.44	V	1
										05/20/2004	747.39	V	1
										09/21/2004	747.49	V	1
ER-OV-03c	365948116360401	36°59'48"	116°36'04"	09/18/97	4191.5	542.	512.	532.	1	12/16/2003	214.36	V	2
										03/15/2004	214.28	V	2
										05/20/2004	214.16	V	2
										09/21/2004	214.37	V	2
ER-OV-03c2	365948116360402	36°59'48"	116°36'04"	09/26/97	4191.9	321.	292.	312.	1	12/16/2003	214.69	V	2
										03/15/2004	214.59	V	2
										05/20/2004	214.48	V	2
										09/21/2004	214.68	V	2
ER-OV-03a	365956116421601	36°59'56"	116°42'16"	08/22/97	3844.4	251.	220.	240.	1	12/15/2003	57.62	V	2
										03/15/2004	57.50	V	2
										05/20/2004	57.47	V	2
										09/21/2004	57.71	V	2
ER-OV-03a2	365956116421602	36°59'56"	116°42'16"	09/12/97	3843.8	642.	602.	622.	1	12/15/2003	160.45	V	2
										03/15/2004	160.03	V	2
										05/20/2004	160.55	V	2
										09/21/2004	160.62	V	2
ER-OV-03a3	365956116421603	36°59'56"	116°42'16"	09/12/97	3843.8	133.	113.	133.	1	12/15/2003	57.41	V	2
										03/15/2004	57.27	V	2
										05/20/2004	57.25	V	2
										09/21/2004	57.50	V	2

GROUND-WATER LEVELS

NEVADA TEST SITE AND ADJACENT AREAS MONITORING PROJECT--Continued

Well Name	Site Identification	Latitude	Longitude	Date Hole Completed	Land Surface Elevation (Feet above Sea Level)	Well Depth (feet)	Depth of Open Interval(s)		Number of Openings	Water-Level Measurement		
							Top (feet)	Bottom (feet)		Date	Depth to Water (feet)	Status Method Accuracy
OASIS VALLEY (228)--Continued												
Springdale Upper Well	370131116440801	37°01'31"	116°44'08"		3775.	91.				12/15/2003	24.51	V 2
										03/16/2004	23.94	V 2
										05/19/2004	23.97	V 2
										09/29/2004	24.64	V 2
ER-OV-03b	370139116390501	37°01'39"	116°39'05"	08/29/97	4232.7	395.	353.	373.	1	12/15/2003	346.46	V 1
										03/15/2004	346.45	V 1
										05/20/2004	346.17	V 1
										09/21/2004	346.33	V 1
ER-OV-02	370210116421501	37°02'10"	116°42'15"	08/20/97	3880.3	200.	170.	190.	1	12/15/2003	28.53	V 2
										03/15/2004	28.29	V 2
										05/20/2004	28.28	V 2
										09/21/2004	28.53	V 2
ER-OV-05	370246116461901	37°02'46"	116°46'19"	08/02/97	3937.8	200.	170.	190.	1	12/15/2003	32.07	V 2
										03/16/2004	32.00	V 2
										05/19/2004	31.97	V 2
										09/21/2004	32.08	V 2
ER-OV-01	370504116404901	37°05'04"	116°40'49"	08/04/97	4072.8	180.	150.	170.	1	12/15/2003	18.16	V 2
										03/15/2004	18.10	V 2
										05/25/2004	18.05	V 2
ER-OV-06a	370504116404902	37°05'04"	116°40'49"	08/09/97	4073.0	536.	506.	526.	1	12/15/2003	15.19	V 2
										03/15/2004	15.09	V 2
										05/25/2004	15.01	V 2
ER-OV-06a2	370504116404903	37°05'04"	116°40'49"	08/11/97	4072.6	65.	56.	65.	1	12/15/2003	18.69	V 2
										03/15/2004	18.63	V 2
										05/25/2004	18.59	V 2
ER-EC-5	370504116335201	37°05'04"	116°33'52"	07/11/99	5077.	2447.	1169.	2500.	6	12/16/2003	1016.77	V 1
										03/15/2004	1016.61	V 1
										05/20/2004	1016.57	V 1
										09/21/2004	1016.63	V 1
ER-EC-8	370610116375301	37°06'10"	116°37'53"	07/26/99	4333.	1948.	632.	2000.	6	12/16/2003	322.60	V 1
										03/15/2004	322.50	V 1
										05/25/2004	322.37	V 1
ER-EC-2A (1635-2236 ft)	370852116340502	37°08'42"	116°34'03"	08/11/00	4902.	2450.	1635.	2236.	2	12/16/2003	754.66	V 1
										03/16/2004	754.59	V 1
										05/25/2004	754.47	V 1
ER-EC-4 (952-2295 ft)	370935116375302	37°09'32"	116°37'52"	08/25/00	4759.6	2365.	952.	2295.	4	12/16/2003	749.13	V 1
										03/17/2004	748.79	V 1
										05/25/2004	748.65	V 1
ER-EC-6 (1581-3820 ft)	371120116294802	37°11'20"	116°29'48"	03/22/00	5604.	4302.	1581.	3820.	6	11/04/2003	1425.77	V 1
										03/24/2004	1425.65	V 1
										05/19/2004	1425.68	V 1
										06/07/2004	1425.58	V 1
										09/07/2004	1425.75	V 1
ER-EC-1	371223116314701	37°12'23"	116°31'47"	04/20/99	6026.	4791.	2258.	4791.	6	11/04/2003	1855.66	V 1
										03/24/2004	1855.57	V 1
										05/19/2004	1855.65	V 1
										06/07/2004	1855.48	V 1
										09/07/2004	1855.82	V 1
PM- 3-1 (1919 - 2144 ft)	371421116333703	37°14'21"	116°33'37"	02/05/92	5822.8	2145.	1872.	2192.	2	11/04/2003	1457.39	V 1
										03/29/2004	1457.57	V 1
										04/06/2004	1457.36	V 1
										06/07/2004	1457.30	V 1
										09/07/2004	1457.46	V 1
PM- 3-2 (1442 - 1667 ft)	371421116333704	37°14'21"	116°33'37"	02/10/92	5822.8	1667.	1379.	1687.	3	11/04/2003	1455.45	V 1
										03/24/2004	1455.46	V 1
										04/06/2004	1455.40	V 1
										06/07/2004	1455.33	V 1
										09/07/2004	1455.53	V 1

GROUND-WATER LEVELS

NEVADA TEST SITE AND ADJACENT AREAS MONITORING PROJECT--Continued

Well Name	Site Identification	Latitude	Longitude	Date Hole Completed	Land Surface Elevation (Feet above Sea Level)	Well Depth (feet)	Depth of Open Interval(s)		Number of Openings	Date	Water-Level Measurement		
							Top (feet)	Bottom (feet)			Depth to Water (feet)	Status	Method
AMARGOSA DESERT (230)													
Spring Meadows9	362425116181001	36°24'34"	116°18'11"	09/26/69	2248.	280.	82.	280.	1	12/02/2003	20.19	S	2
										05/18/2004	19.54	S	2
Spring Meadows 11	362521116160801	36°25'21"	116°16'08"	01/01/68	2442.	215.				12/02/2003	93.69	V	2
										05/18/2004	93.59	V	2
Amargosa Flat Playa Well	362936116153001	36°29'36"	116°15'30"	02/13/95	2322.	14.5	9.1	14.1	1	12/02/2003	5.09	V	2
										03/17/2004	4.06	V	2
										05/18/2004	4.47	V	2
										09/22/2004	5.14	V	2
MSH-C Deep Well	363008116161201	36°30'08"	116°16'12"	11/23/94	2330.	1669.	1519.1	1636.38	1	12/02/2003	-3.10	S	2
										03/18/2004	-3.10	S	2
										05/18/2004	-2.96	S	2
										09/22/2004	-2.94	S	2
MSH-C Shallow Well	363008116161202	36°30'08"	116°16'12"	11/23/94	2330.	347.	281.	314.	1	12/02/2003	-2.96	Z	2
										03/18/2004	-3.11	Z	2
										05/18/2004	-3.09	Z	2
										09/22/2004	-2.89	Z	2
LWS-A Deep Well	363317116270801	36°33'17"	116°27'08"	12/02/94	2396.	1859.	1706.	1827.	1	12/02/2003	123.50	V	2
										03/16/2004	123.38	V	2
										05/18/2004	123.35	V	2
										09/22/2004	123.89	V	2
LWS-A Shallow Well	363317116270802	36°33'17"	116°27'08"	12/02/94	2396.	312.	212.	278.	1	12/02/2003	150.45	V	2
										03/16/2004	150.50	V	2
										05/18/2004	150.70	V	2
										09/22/2004	151.10	V	2
Ash-B Deep Well	364329116402901	36°43'32"	116°40'30"	12/16/94	2677.	1214.	1062.	1185.	1	12/02/2003	314.08	V	1
										05/19/2004	314.07	V	1
Ash-B Shallow Well	364329116402902	36°43'32"	116°40'30"	12/16/94	2677.	457.	362.	428.	1	12/02/2003	314.49	V	1
										05/19/2004	314.46	V	1
Narrows South Well 2	365253116450801	36°52'53"	116°45'08"	10/16/71	3180.	120.	20.	120.	2	12/15/2003	18.92	V	2
										03/16/2004	17.96	V	2
										05/19/2004	18.62	V	2
										09/22/2004	19.16	V	2

GROUND-WATER LEVELS

NEVADA TEST SITE AND ADJACENT AREAS MONITORING PROJECT

Periodic water-level measurements are made throughout the Nevada Test Site to aid in characterizing the local ground-water flow system. The measurements are made in cooperation with the U.S. Department of Energy as part of their Environmental Restoration Program. The following data have been collected and reviewed according to quality-assurance requirements specific to the Nevada Test Site. Data are listed by Nevada Test Site administrative area and then by hole number within each area.

Site Identification--U.S. Geological Survey site designation.

Land Surface Elevation--Datum is sea level. Value may not represent current elevation.

Well Depth--Datum is land surface. Represents most recent available accessible depth.

Depth of Open Interval (feet below land surface datum)--Top, depth to top of shallowest open interval; bottom, depth to bottom of deepest open interval.

Depth to Water--Datum is land surface. Water levels represent a composite of all open intervals in well. Values not representing static water level are noted in "Status" column.

Status-- D, dry; R, site has been pumped recently; S, a nearby site that taps the same aquifer was being pumped; T, a nearby site that taps the same aquifer had been pumped recently; no site status, the reported water-level measurement represents a static level.

Method--V, calibrated electric tape.

Accuracy-- 1, water level accurate to the nearest tenth of a foot; 2, water level accurate to the nearest hundredth of a foot

Well Name	Site Identification	Latitude	Longitude	Date Hole Completed	Land Surface Elevation (Feet above Sea Level)	Well Depth (feet)	Depth of Open Interval(s)		Number of Openings	Date	Water-Level Measurement			
							Top (feet)	Bottom (feet)			Date	Depth to Water (feet)	Status	Method
AREA 1														
UE- 1a	370254116070601	37°02'54"	116°07'06"	02/02/1964	4303.6	562.	78.	957.	2	11/11/2003	545.48	V	1	
										03/10/2004	545.22	V	1	
										05/24/2004	545.22	V	1	
										09/15/2004	545.27	V	1	
UE- 1b	370254116064201	37°02'54"	116°06'42"	02/10/1964	4273.4	701.	76.	1254.	2	11/18/2003	644.98	V	1	
										03/10/2004	644.79	V	1	
										06/22/2004	644.71	V	1	
										09/15/2004	644.67	V	1	
UE- 1c	370253116055201	37°02'53"	116°05'52"	02/11/1964	4206.6	1772.	74.	1880.	2	11/18/2003	1297.81	V	1	
										03/10/2004	1297.72	V	1	
										06/22/2004	1297.63	V	1	
										09/15/2004	1297.56	V	1	
UE- 1h	370005116040301	37°00'05"	116°04'03"	07/03/1968	3994.9	3228.	2134.	3358.	2	11/18/2003	1555.02	V	1	
										03/03/2004	1554.69	V	1	
										09/20/2004	1554.59	V	1	
UE- 1L (recompleted)	370254116082002	37°02'54"	116°08'20"	11/11/1977	4457	2284.	716.	2284.	2	11/11/2003	518.52	V	1	
										03/10/2004	518.50	V	1	
										06/22/2004	518.36	V	1	
										09/20/2004	518.19	V	1	
UE- 1q (2600 ft)	370337116033002	37°03'37"	116°03'30"	05/22/1992	4081.4	2600.	2459.	2600.	2	11/18/2003	1655.92	V	1	
										02/02/2004	1655.65	V	1	
										03/03/2004	1655.59	V	1	
										06/21/2004	1655.90	V	1	
										09/15/2004	1655.73	V	1	
AREA 2														
ER- 2-1 (2079 ft)	370725116033901	37°07'31"	116°03'43"	03/07/2003	4215.9	2079.	1642.	2177.	3	10/17/2003	1726.35	V	1	
										11/12/2003	1725.17	V	1	
										02/12/2004	1724.62	V	1	
										03/10/2004	1724.49	V	1	
										06/14/2004	1724.43	V	1	
										09/14/2004	1724.33	V	1	
ER- 2-1 (2559 ft)	370725116033902	37°07'31"	116°03'43"	03/07/2003	4215.9	2559.	2313.	2600.	2	10/17/2003	602.47	V	1	
										11/12/2003	601.41	V	1	
										02/12/2004	604.64	V	1	
										03/10/2004	606.12	V	1	
										06/14/2004	611.11	V	1	
										09/14/2004	615.89	V	1	
U - 2gk	370720116041601	37°07'20"	116°04'16"	10/15/1992	4241.7	1802.	116.	1809.	3	11/12/2003	1777.67	V	1	
										03/10/2004	1777.47	V	1	
										06/14/2004	1777.38	V	1	
										09/14/2004	1777.25	V	1	
UE- 2ce	370831116080701	37°08'31"	116°08'07"	01/23/1977	4764.5	1505.	1377.	1650.	4	11/17/2003	1448.20	V	1	
										03/09/2004	1448.48	V	1	
										05/27/2004	1448.43	V	1	
										09/14/2004	1448.43	V	1	

GROUND-WATER LEVELS

NEVADA TEST SITE AND ADJACENT AREAS MONITORING PROJECT--Continued

Well Name	Site Identification	Latitude	Longitude	Date Completed	Land Surface	Well Depth (feet)	Depth of Open Interval(s)		Number of Openings	Water-Level Measurement			
					Elevation (Feet above Sea Level)		Top (feet)	Bottom (feet)		Date	Depth to Water (feet)	Status	Method
AREA 2--Continued													
WW- 2 (3422 ft)	370958116051512	37°09'58"	116°05'15"	03/11/1962	4469.6	3422.	2700.	3412.	2	11/12/2003	2053.26	V	1
										03/08/2004	2053.74	V	1
										05/26/2004	2053.30	V	1
										06/25/2004	2053.47	V	1
										09/14/2004	2053.43	V	1
AREA 3													
ER- 3-1-2 (shallow)	370116115561302	37°01'09"	115°56'09"	05/20/1994	4406.7	2310.	2208.	2310	2	01/12/2004	2015.67	V	1
ER-3-2-2 (middle)	370214116021002	37°02'14"	116°02'10"	02/18/1994	4010.1	2655.	2588.	2636.	2	11/19/2003	1605.59	V	1
										03/08/2004	1605.19	V	1
										03/31/2004	1605.27	T	1
										06/23/2004	1605.33	S	1
										09/15/2004	1604.99	V	1
TW- 7	370353116020201	37°03'54"	116°02'02"	06/27/1954	4057.8	2239.	1710.	2251.	4	11/17/2003	1643.87	V	1
										03/02/2004	1643.80	V	1
										06/23/2004	1644.24	V	1
										09/27/2004	1644.27	V	1
										11/17/2003	1620.15	V	1
U - 3cn 5	370320116012001	37°03'34"	116°01'21"	02/07/1966	4009.2	2830.	2832.	3030.	3	03/02/2004	1620.74	T	1
										06/23/2004	1622.49	S	1
										08/05/2004	1621.67	T	1
										08/12/2004	1621.55	V	1
										08/18/2004	1621.16	V	1
										08/25/2004	1620.98	V	1
										08/30/2004	1621.26	V	1
										09/27/2004	1620.82	V	1
										11/19/2003	1558.00	V	1
										03/02/2004	1557.90	V	1
U - 3mi	370020115593001	37°00'21"	115°59'30"	01/20/1986	4005.8	1651.	372.	1794.	2	06/24/2004	1557.96	V	1
										09/27/2004	1557.94	V	1
										11/18/2003	1193.80	V	1
										03/02/2004	1196.75	V	1
										06/21/2004	1198.27	V	1
UE- 3e 4-1 (2181 ft)	370411116025910	37°04'11"	116°02'59"	03/19/1990	4081.3	2181.	2094.	2192.	2	09/15/2004	1202.11	V	1
										11/18/2003	1419.89	V	1
										03/02/2004	1421.81	V	1
										06/21/2004	1423.17	V	1
UE- 3e 4-2 (1919 ft)	370411116025911	37°04'11"	116°02'59"	03/22/1990	4081.3	1919.	1832.	1926.	2	09/15/2004	1424.46	V	1
										11/18/2003	1419.89	V	1
										03/02/2004	1421.81	V	1
UE- 3e 4-3 (1661 ft)	370411116025912	37°04'11"	116°02'59"	03/26/1990	4081.3	1661.	1540.	1668.	2	11/18/2003	1548.52	V	1
										03/02/2004	1548.35	V	1
										06/21/2004	1548.23	V	1
WW- A (1870 ft)	370142116021101	37°02'13"	116°02'10"	09/05/1960	4006.4	1870.	1555	1870.	3	09/15/2004	1548.34	V	1
										11/19/2003	1600.84	V	1
										03/08/2004	1601.00	V	1
										06/22/2004	1600.66	V	1
AREA 4													
TW- D	370418116044501	37°04'28"	116°04'30"	01/08/1961	4150.5	1950.	1772.	1950.	5	11/18/2003	1723.72	V	1
										03/03/2004	1723.26	V	1
										06/21/2004	1723.48	V	1
										09/15/2004	1723.34	V	1
AREA 5													
ER- 5-3 (3-in deep)	365223115561702	36°52'23"	115°56'17"	03/16/2000	3337.4	2212.	1995.	2235.	2	11/20/2003	928.93	V	1
										01/26/2004	929.21	V	1
										03/11/2004	929.03	V	1
										06/28/2004	929.13	V	1
										09/28/2004	928.95	V	1

GROUND-WATER LEVELS

NEVADA TEST SITE AND ADJACENT AREAS MONITORING PROJECT--Continued

Well Name	Site Identification	Latitude	Longitude	Date Completed	Land Surface Elevation (Feet above Sea Level)	Well Depth (feet)	Depth of Open Interval(s)		Number of Openings	Water-Level Measurement				
							Top (feet)	Bottom (feet)		Date	Depth to Water (feet)	Status	Method	Accuracy
AREA 5--Continued														
ER- 5-3 (3-in shallow)	365223115561703	36°52'23"	115°56'17"	03/16/2000	3337.4	1237.	98.	1080.	2	11/20/2003	927.25	V	1	
										01/27/2004	927.51	V	1	
										03/11/2004	927.38	V	1	
										06/28/2004	927.49	V	1	
										09/28/2004	927.40	V	1	
ER- 5-3 (8-in upper)	365223115561701	36°52'23"	115°56'17"	04/12/2001	3337.4	2549.	1446.	1782.	2	11/20/2003	927.19	V	1	
										01/26/2004	927.37	V	1	
										03/11/2004	927.39	V	1	
										06/28/2004	927.45	V	1	
										09/28/2004	927.29	V	1	
ER- 5-3-2	365223115561801	36°52'23"	115°56'18"	03/29/2001	3337.4	4908.	4774.	5683.	2	11/20/2003	952.30	V	1	
										01/27/2004	951.21	V	1	
										03/11/2004	951.46	V	1	
										06/28/2004	950.70	V	1	
										09/28/2004	949.50	V	1	
ER- 5-3-3	365223115561704	36°52'23"	115°56'17"	02/06/2001	3337.4	1745.	1412.	1800.	2	11/20/2003	927.10	V	1	
										01/27/2004	927.26	V	1	
										03/11/2004	927.26	V	1	
										06/28/2004	927.33	V	1	
										09/28/2004	927.23	V	1	
ER- 5-4 (deep)	364928115574801	36°49'27"	115°57'48"	03/31/2001	3127	3438.	1715.	3732.	4	11/20/2003	725.83	V	1	
										01/22/2004	725.89	V	1	
										03/11/2004	725.63	V	1	
										06/28/2004	725.58	V	1	
										09/28/2004	725.45	V	1	
ER- 5-4 (shallow)	364928115574802	36°49'27"	115°57'48"	03/31/2001	3127	814.	119.	813.	2	11/20/2003	725.69	V	1	
										01/22/2004	725.30	V	1	
										03/11/2004	725.17	V	1	
										06/28/2004	725.01	V	1	
										09/28/2004	724.91	V	1	
ER- 5-4-2	364927115574801	36°49'27"	115°57'48"	09/18/2002	3127	6658.	4848.	7000.	2	11/20/2003	660.88	V	1	
										03/11/2004	658.43	V	1	
										06/28/2004	657.09	V	1	
										09/28/2004	656.29	V	1	
RNM - 1	364928115580101	36°49'28"	115°58'01"	05/10/1974	3135	999.	112.	1002.	4	09/14/2004	737.42	V	1	
										09/28/2004	737.42	V	1	
RNM - 2	364923115575701	36°49'22"	115°57'57"	08/02/1974	3129	825.	118.	935.	2	09/14/2004	722.09	V	1	
										09/28/2004	722.03	V	1	
RNM- 2S	364922115580101	36°49'22"	115°58'01"	04/01/1974	3130.2	1120	1038.	1156.	2	11/20/2003	723.88	V	1	
										03/11/2004	723.77	V	1	
										06/28/2004	723.62	V	1	
										09/28/2004	723.48	V	1	
UE- 5n	364915115574101	36°49'15"	115°57'41"	03/01/1976	3113	1687.	720.	1687.	2	11/20/2003	705.93	V	1	
										03/11/2004	706.00	V	1	
										06/28/2004	705.94	V	1	
										09/28/2004	705.77	V	1	
WW- 5A	364635115572901	36°46'35"	115°57'29"	03/23/1951	3092.6	910.	642.	910.	2	11/20/2003	710.13	V	1	
										01/22/2004	709.73	V	1	
										03/08/2004	709.96	V	1	
										06/28/2004	709.70	V	1	
										09/28/2004	710.54	S	V	1
WW- 5B	364805115580801	36°48'05"	115°58'08"	05/07/1951	3092.1	900	700.	900.	1	11/17/2003	687.45	V	1	
										03/08/2004	687.77	V	1	
										07/06/2004	686.83	V	1	
AREA 6														
ER- 6-1 (big)	365904115593401	36°59'04"	115°59'34"	10/26/1994	3937.2	3206.	1819.	3206.	3	03/31/2004	1546.71	V	1	
										09/27/2004	1547.45	T	V	1
ER- 6-1 (small)	365904115593403	36°59'04"	115°59'34"	07/23/1992	3937.2	1790.	1435.	1542.	2	03/31/2004	1473.91	V	1	
										09/27/2004	1473.61	V	1	
ER- 6-1-1	365904115593402	36°59'04"	115°59'34"	07/16/1993	3937.1	1940.	1835.	2052.	2	03/31/2004	1546.50	V	1	
										09/27/2004	1547.02	T	V	1

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NEVADA TEST SITE AND ADJACENT AREAS MONITORING PROJECT--Continued

Well Name	Site Identification	Latitude	Longitude	Date Completed	Land Surface Elevation (Feet above Sea Level)	Well Depth (feet)	Depth of Open Interval(s)		Number of Openings	Water-Level Measurement				
							Top (feet)	Bottom (feet)		Date	Depth to Water (feet)	Status	Method	Accuracy
AREA 6--Continued														
ER- 6-1-2 (1587 ft)	365901115593502	36°59'02"	115°59'35"	10/01/2002	3935.3	1587.	120.	1587.	2	09/27/2004	1471.76		V	1
ER- 6-1-2 (3200 ft)	365901115593501	36°59'02"	115°59'35"	10/05/2002	3935.3	3200.	1775.	3200.	2	09/27/2004	1545.41	R	V	1
ER- 6-2	365740116043501	36°57'40"	116°04'35"	07/21/1994	4231.3	3430.	1746.	3430.	3	11/11/2003	1784.06		V	1
										02/05/2004	1784.01		V	1
										03/03/2004	1783.78		V	1
										05/24/2004	1783.73		V	1
										09/15/2004	1783.38		V	1
TW- B	365849116002101	36°58'45"	116°00'50"	06/14/1961	3931.8	1670.	1432.	1656.	2	11/19/2003	1504.48		V	1
										03/03/2004	1504.29		V	1
										06/24/2004	1504.51		V	1
										09/27/2004	1504.35		V	1
UE- 6d	365905116033201	36°59'05"	116°03'32"	05/07/1968	3947	3864.	2125.	3896.	3	11/19/2003	1514.54		V	1
										03/03/2004	1514.20		V	1
										05/24/2004	1514.25		V	1
										09/20/2004	1514.20		V	1
UE- 6e (2090-2230 ft)	365905116012002	36°59'05"	116°01'20"	11/11/1992	3938.1	2230.	2090.	2230.	1	11/19/2003	1509.44		V	1
										03/31/2004	1509.40		V	1
										06/24/2004	1509.36		V	1
										09/27/2004	1509.19		V	1
UE-14b	365550116091101	36°55'50"	116°09'11"	01/30/1984	4353.4	3680.	2051.	3680.	2	11/11/2003	1666.47		V	1
										03/09/2004	1666.50		V	1
										05/24/2004	1666.23		V	1
										09/20/2004	1666.27		V	1
WW- 3 (1800 ft)	365942116032901	36°59'43"	116°03'29"	03/05/1952	3969	1800.	1535.	1800.	2	11/19/2003	1531.95		V	1
										02/02/2004	1531.72		V	1
										03/03/2004	1531.51		V	1
										05/24/2004	1531.36		V	1
										09/20/2004	1531.29		V	1
WW- 4	365418116012601	36°54'18"	116°01'26"	11/18/1981	3601.5	1479.	942.	1479.	2	11/17/2003	838.56		V	1
										03/08/2004	838.43		V	1
										07/06/2004	839.10		V	1
										09/27/2004	839.48		V	1
WW- 4A	365412116013901	36°54'12"	116°01'39"	02/21/1990	3606	1502.	1066	1516	3	11/17/2003	839.03		V	1
										03/08/2004	838.91		V	1
										07/06/2004	839.63		V	1
										09/27/2004	839.96		V	1
AREA 7														
ER- 7-1	370424115594301	37°04'24"	115°59'43"	02/09/2003	4246.2	2500.	1775.	2500.	2	11/17/2003	1853.17		V	1
U - 7cd	370451116024101	37°04'51"	116°02'41"	04/14/1992	4114.7	1523.	117.	1625.	3	10/06/2003	1426.16		V	1
										01/13/2004	1426.47		V	1
										04/01/2004	1426.63		V	1
										06/09/2004	1426.81		V	1
										09/30/2004	1427.02		V	1
UE- 4t 1 (1906-2010 ft)	370556116025405	37°05'56"	116°02'54"	10/24/1990	4141.1	1993.	1906.	2010.	2	11/17/2003	492.59		V	1
										03/02/2004	498.27		V	1
										03/29/2004	499.95		V	1
										06/21/2004	504.44		V	1
										09/14/2004	508.85		V	1
										09/15/2004	508.92		V	1
UE- 4t 2 (1564-1754 ft)	370556116025406	37°05'56"	116°02'54"	10/24/1990	4141.1	1724.	1564.	1754.	2	11/17/2003	1195.87		V	1
										03/02/2004	1197.51		V	1
										03/29/2004	1195.33		V	1
										06/21/2004	1193.95		V	1
										09/14/2004	1191.30		V	1
										09/15/2004	1191.39		V	1

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NEVADA TEST SITE AND ADJACENT AREAS MONITORING PROJECT--Continued

Well Name	Site Identification	Latitude	Longitude	Date Completed	Land Surface Elevation (Feet above Sea Level)	Well Depth (feet)	Depth of Open Interval(s)		Number of Openings	Water-Level Measurement			
							Top (feet)	Bottom (feet)		Date	Depth to Water (feet)	Status	Method
AREA 7--Continued													
UE- 7nS	370556116000901	37°05'56"	116°00'09"	07/14/1976	4366.7	2022.	1707.	2205.	4	11/17/2003	1969.55	V	1
										03/02/2004	1969.99	T	V 1
										06/14/2004	1971.16	S	V 1
										08/05/2004	1971.19	T	V 1
										08/12/2004	1970.93	V	1
										08/18/2004	1970.76	V	1
										08/25/2004	1970.45	V	1
										08/30/2004	1970.47	V	1
										09/14/2004	1970.09	V	1
AREA 8													
UE-10j (2232-2297 ft)	371108116045303	37°11'08"	116°04'53"	02/24/1993	4573.7	2532.	2232.	2297.	2	11/12/2003	2157.58	V	1
										03/08/2004	2157.97	V	1
										03/29/2004	2157.91	V	1
										05/26/2004	2157.61	V	1
										09/14/2004	2157.68	V	1
AREA 11													
UE-11a	365259115571601	36°52'59"	115°57'16"	09/04/1982	3538.3	1130.	599.	1400.	2	11/20/2003		D	
										06/28/2004		D	
										07/28/2004		D	
										08/03/2004		D	
										08/04/2004		D	
										09/28/2004		D	
AREA 12													
ER-12-1 (1641-1846)	371106116110401	37°11'06"	116°11'03"	11/24/1992	5817.1	3434.	1641.	1846.	4	11/11/2003	1526.72	V	1
										03/10/2004	1526.56	V	1
										05/26/2004	1526.47	V	1
										06/24/2004	1526.61	V	1
										09/13/2004	1526.31	V	1
ER-12-2 (2964-5203 ft)	371019116072103	37°10'18"	116°07'21"	04/17/2003	4704.6	5203.	2964.	5203.	1	11/11/2003	186.57	V	2
										03/08/2004	185.27	V	2
										05/26/2004	183.99	V	2
										06/29/2004	183.98	V	2
										09/13/2004	183.51	V	2
ER-12-2 (5203-6883 ft)	371019116072102	37°10'18"	116°07'21"	04/17/2003	4704.6	6883.	5203.	6883.	1	11/11/2003	186.34	V	2
										03/08/2004	185.02	V	2
										05/26/2004	183.85	V	2
										06/29/2004	183.79	V	2
										09/13/2004	183.29	V	2
ER-12-2 (579 ft)	371019116072104	37°10'18"	116°07'21"	01/24/2003	4704.6	579.	120.	650.	2	11/11/2003	414.30	V	1
										03/08/2004	414.35	V	1
										05/26/2004	413.95	V	1
										06/25/2004	414.13	V	1
										09/13/2004	414.10	V	1
U -12s (1480 ft)	371342116125102	37°13'42"	116°12'57"	03/15/1966	6794.2	1467.	12.	1480.	2	10/02/2003	912.48	V	1
										11/19/2003	912.18	V	1
										05/26/2004	911.34	V	1
										09/13/2004	910.98	V	1
UE-12t 6 (1461 ft)	371332116112802	37°13'32"	116°11'28"	09/16/1988	6907	1461.	23.	1461.	8	10/02/2003	804.95	V	1
										11/19/2003	808.15	V	1
										09/13/2004	825.60	V	1
AREA 15													
U -15k Test Hole	371346116032601	37°13'46"	116°03'26"	09/20/1979	5167.7	824.	404.	824.	2	11/12/2003	758.89	V	1
										03/08/2004	756.16	V	1
										05/26/2004	754.50	V	1
										09/14/2004	752.01	V	1

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Well Name	Site Identification	Latitude	Longitude	Date Hole Completed	Land Surface	Well Depth (feet)	Depth of Open Interval(s)		Number of Openings	Water-Level Measurement			
					Elevation (Feet above Sea Level)		Top (feet)	Bottom (feet)		Date	Depth to Water (feet)	Status	Method
AREA 16													
UE-16f (1479 ft)	370208116092402	37°02'08"	116°09'24"	09/23/1977	4651	1409.	1293.	1479.	1	11/11/2003	366.61	V	1
										03/09/2004	366.44	V	1
										05/24/2004	366.47	V	1
										09/20/2004	366.48	V	1
AREA 17													
TW- 1 (3694 ft)	370929116132311	37°09'29"	116°13'23"	//1980	6155.8	3694.	1910.	2430.	5	11/11/2003	1462.17	V	1
										03/10/2004	1461.98	V	1
										05/27/2004	1461.96	V	1
										09/13/2004	1461.84	V	1
UE-17a	370425116095801	37°04'25"	116°09'58"	09/23/1976	4696.5	1207.	745.	1214.	4	11/11/2003	629.40	V	1
										03/10/2004	628.78	V	1
										05/27/2004	628.89	V	1
										09/13/2004	628.13	V	1
AREA 18													
ER-18-2	370615116222401	37°06'14"	116°22'22"	05/14/1999	5437	2143.0	1351.	2500.	4	03/30/2004	1211.13	V	1
										04/07/2004	1211.10	V	1
										09/23/2004	1211.25	V	1
UE-18r	370806116264001	37°08'05"	116°26'41"	01/24/1968	5538.2	2183.	1629.	5004.	3	03/31/2004	1363.71	V	1
										05/26/2004	1363.72	V	1
										09/23/2004	1363.94	V	1
UE-18t	370741116194501	37°07'41"	116°19'45"	10/05/1978	5201	2600.	1896.	2600.	1	11/10/2003	914.01	V	1
										03/10/2004	914.13	V	1
										06/30/2004	914.05	V	1
										08/09/2004	914.04	V	1
										09/08/2004	913.92	V	1
AREA 19													
ER-19-1-1 (deep)	371043116142101	37°10'43"	116°14'21"	12/17/1993	6139.8	3577.5	3210.	3560.	3	11/10/2003	1778.15	V	1
										03/10/2004	1775.64	V	1
										06/08/2004	1776.21	V	1
										06/28/2004	1776.19	V	1
										09/13/2004	1778.12	V	1
ER-19-1-2 (middle)	371043116142102	37°10'43"	116°14'21"	12/17/1994	6139.8	2720.1	2550.	2738.	2	11/10/2003	1144.04	V	1
										03/10/2004	1144.50	V	1
										06/08/2004	1144.64	V	1
										06/28/2004	1144.60	V	1
										09/13/2004	1143.28	V	1
ER-19-1-3 (shallow)	371043116142103	37°10'43"	116°14'21"	12/17/1994	6139.8	1380.5	1301.	1422.	2	11/10/2003	1005.92	V	1
										03/10/2004	1005.94	V	1
										06/08/2004	1005.65	V	1
										09/13/2004	1005.69	V	1
										11/10/2003	2086.21	V	1
U-19bh	371349116222001	37°13'49"	116°22'20"	06/14/1991	6767.9	2107.	70.	2148.	2	03/22/2004	2085.78	V	1
										06/08/2004	2086.21	V	1
										08/25/2004	2086.10	V	1
										09/09/2004	2086.14	V	1
										11/10/2003	2135.93	V	1
U-19bj	371736116184701	37°17'36"	116°18'46"	06/02/1992	7034.5	2149.	57.	2153.	2	03/22/2004	2135.86	V	1
										06/30/2004	2135.85	V	1
										11/05/2003	1984.30	V	1
U-19bk	371714116230301	37°17'14"	116°23'03"	12/11/1991	6669.9	2192.	57.	2198.	2	03/23/2004	1984.27	V	1
										06/08/2004	1984.07	V	1
										08/12/2004	1984.43	V	1
										09/09/2004	1984.38	V	1
										11/10/2003	2339.50	V	1
UE-19c WW	371608116191002	37°16'08"	116°19'10"	06/30/1975	7033.1	8489.	2421.	8489.	2	03/22/2004	2339.60	V	1
										06/30/2004	2339.68	V	1
										11/05/2003	2110.86	V	1
UE-19h	372034116222504	37°20'34"	116°22'25"	01/17/1992	6780.1	2288.	2050.	2283.	1	03/23/2004	2110.94	V	1
										04/05/2004	2110.96	V	1
										06/08/2004	2110.70	V	1
										09/09/2004	2110.97	V	1
										11/05/2003	2110.86	V	1

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Well Name	Site Identification	Latitude	Longitude	Date Completed	Land Surface Elevation (Feet above Sea Level)	Well Depth (feet)	Depth of Open Interval(s)		Number of Openings	Water-Level Measurement			
							Top (feet)	Bottom (feet)		Date	Depth to Water (feet)	Status	Method
AREA 20													
ER-20-1	371321116292301	37°13'21"	116°29'29"	09/09/1992	6180.9	2065.	1940.	2065.	1	11/04/2003	1988.72	V	1
										03/25/2004	1988.74	V	1
										04/05/2004	1988.75	V	1
										04/07/2004	1988.77	V	1
										06/02/2004	1988.81	V	1
										09/08/2004	1988.92	V	1
ER-20-2-1	371246116240101	37°12'46"	116°24'01"	08/03/1993	6670	2524.	2303.	2524.	2	11/05/2003	2272.66	V	1
										03/22/2004	2272.72	V	1
										04/06/2004	2272.74	V	1
										06/08/2004	2272.55	V	1
										09/09/2004	2272.82	V	1
ER-20-6-1 (3-in string)	371537116251501	37°15'37"	116°25'15"	03/15/1996	6474.8	2930.	2437.	2947.	3	11/05/2003	2023.43	V	1
										03/29/2004	2023.44	V	1
										06/03/2004	2023.49	V	1
ER-20-6-2 (3- in string)	371536116251601	37°15'36"	116°25'16"	04/01/1996	6475.1	2933.	2414.	2945.	3	11/05/2003	2024.12	V	1
										03/24/2004	2023.93	V	1
										06/03/2004	2024.20	V	1
										09/08/2004	2024.01	V	1
ER-20-6-3 (3-in string)	371533116251801	37°15'33"	116°25'18"	04/16/1996	6466	2789.7	2436.	2807.	2	11/05/2003	2015.11	V	1
										03/24/2004	2014.99	V	1
										06/03/2004	2015.19	V	1
										09/08/2004	2015.08	V	1
PM- 1 (7731 ft)	371649116242102	37°16'49"	116°24'21"	05/03/1964	6557.8	7731.	7543.	7731.	2	11/05/2003	2098.89	V	1
										03/23/2004	2098.69	V	1
										06/07/2004	2098.57	V	1
										09/09/2004	2099.13	V	1
PM- 2	372042116340501	37°20'42"	116°34'05"	05/01/1966	5591.8	8788.	2506.	8788.	13	11/04/2003	858.91	V	1
										03/24/2004	858.86	V	1
										06/07/2004	858.79	V	1
										09/07/2004	858.94	V	1
U -20 WW (cased)	371505116254501	37°15'05"	116°25'45"	07/22/1985	6467.6	3268.	2271.	3268.	2	11/05/2003	2058.17	R	V
										03/25/2004	2053.55	V	1
										06/03/2004	2053.57	V	1
										09/08/2004	2054.60	R	V
U -20bg	371414116242901	37°14'14"	116°24'29"	12/19/1990	6567.2	2200.	58.	2200	2	11/05/2003	2137.32	V	1
										03/23/2004	2137.48	V	1
										06/03/2004	2137.55	V	1
										08/19/2004	2137.57	V	1
										09/09/2004	2137.61	V	1
UE-20bh 1	371442116243301	37°14'42"	116°24'33"	09/29/1991	6636.6	2810.	1936.	2810.	1	11/05/2003	2213.09	V	1
										03/23/2004	2212.79	V	1
										06/03/2004	2212.84	V	1
										08/09/2004	2213.33	V	1
										09/09/2004	2213.49	V	1
UE-20n 1 (2834 ft)	371425116251902	37°14'25"	116°25'19"	06/10/1987	6460.7	2834.	2282.	2834.	3	11/04/2003	2040.93	V	1
										03/25/2004	2041.04	V	1
										06/03/2004	2041.15	V	1
										09/08/2004	2041.37	V	1
AREA 22													
SM-23-1	363905116005801	36°39'05"	116°00'58"		3543.4	1338.	1302.	1332.	1	11/24/2003	1164.41	V	1
										03/11/2004	1164.43	V	1
										06/29/2004	1164.53	V	1
										09/30/2004	1164.33	V	1
AREA 27													
TW- F (3400 ft)	364534116065902	36°45'34"	116°06'59"	06/12/1962	4142.7	3400.	3150.	3400.	2	10/02/2003	1735.41	V	1
										01/12/2004	1735.51	V	1
										04/01/2004	1735.00	V	1
										06/09/2004	1735.21	V	1
										09/23/2004	1735.55	V	1

GROUND-WATER WITHDRAWALS

NEVADA TEST SITE

Ground-water withdrawals at the Nevada Test Site (NTS) are compiled in cooperation with the U.S. Department of Energy Hydrologic Resources Management Program. The data are provided by Bechtel Nevada. The following data have been reviewed according to quality-assurance requirements specific to the Nevada Test Site.

Station Identification	Hole Number	Latitude	Longitude	Ground-Water Withdrawals for Water Year 2004	
				Month	Millions of Gallons
365011115584702	UE- 5c WW	36°50'11"	115°58'47"	October	0.000
				November	0.000
				December	0.000
				January	0.000
				February	0.000
				March	0.000
				April	0.000
				May	0.000
				June	0.000
				July	0.000
				August	0.000
				September	0.000
				Total	0.000
364805115580801	WW- 5B	36°48'05"	115°58'08"	October	2.783
				November	2.413
				December	2.507
				January	1.974
				February	2.891
				March	0.445
				April	0.000
				May	0.088
				June	1.575
				July	2.606
				August	3.425
				September	3.267
				Total	23.973
364708115574401	WW- 5C	36°47'20"	115°57'49"	October	1.493
				November	1.672
				December	1.655
				January	1.328
				February	1.908
				March	0.249
				April	0.756
				May	2.210
				June	2.837
				July	3.391
				August	3.193
				September	2.775
				Total	23.466
365418116012601	WW- 4	36°54'18"	116°01'26"	October	2.929
				November	1.717
				December	0.176
				January	0.000
				February	0.252
				March	0.697
				April	0.000
				May	0.000
				June	0.210
				July	1.962
				August	4.543
				September	1.504
				Total	13.990

GROUND-WATER WITHDRAWALS

NEVADA TEST SITE--Continued

Station Identification	Hole Number	Latitude	Longitude	Ground-Water Withdrawals for Water Year 2004	
				Month	Millions of Gallons
365412116013901	WW- 4A	36°54'12"	116°01'39"	October	5.844
				November	5.655
				December	4.381
				January	5.738
				February	4.437
				March	8.830
				April	8.520
				May	8.066
				June	5.008
				July	6.593
				August	6.671
				September	5.894
				Total	75.637
365500116003901	WW- C-1	36°55'00"	116°00'39"	October	0.904
				November	1.366
				December	1.270
				January	0.655
				February	0.902
				March	1.457
				April	2.004
				May	1.906
				June	1.751
				July	1.970
				August	1.749
				September	1.296
				Total	17.230
370412116095101	UE-16d WW	37°04'12"	116°09'51"	October	0.707
				November	0.452
				December	0.409
				January	0.990
				February	4.494
				March	4.654
				April	4.628
				May	3.415
				June	1.457
				July	3.187
				August	2.913
				September	3.882
				Total	31.189
370956116172101	WW- 8	37°09'56"	116°17'21"	October	1.714
				November	1.019
				December	0.493
				January	0.686
				February	0.852
				March	0.605
				April	0.751
				May	2.416
				June	1.352
				July	2.761
				August	1.408
				September	1.043
				Total	15.098

GROUND-WATER WITHDRAWALS

NEVADA TEST SITE--Continued

Station Identification	Hole Number	Latitude	Longitude	Ground-Water Withdrawals for Water Year 2004	
				Month	Millions of Gallons
363530116021401	Army 1 WW	36°35'30"	116°02'14"	October	4.739
				November	4.556
				December	4.249
				January	5.215
				February	4.507
				March	5.524
				April	6.501
				May	6.784
				June	6.931
				July	6.233
				August	5.470
				September	5.338
				Total	66.046
364554116232401	J -12 WW	36°45'54"	116°23'24"	October	1.200
				November	1.049
				December	0.962
				January	1.862
				February	0.872
				March	1.208
				April	1.779
				May	1.742
				June	0.905
				July	0.789
				August	0.526
				September	0.357
				Total	13.248
364828116234001	J -13 WW	36°48'29"	116°23'40"	October	0.030
				November	0.039
				December	0.000
				January	0.023
				February	0.000
				March	0.000
				April	0.000
				May	0.000
				June	0.000
				July	0.000
				August	0.000
				September	0.797
				Total	0.889

SPRING DISCHARGE

YUCCA MOUNTAIN GROUND-WATER MONITORING PROJECT

Periodic discharge measurements are made throughout the Yucca Mountain area to support environmental and regulatory aspects of the Yucca Mountain Project. The following data have been reviewed according to quality-assurance requirements specific to the Yucca Mountain Project.

Measurement Method--C, current meter; V, volumetric

Abbreviations--GPM, gallons per minute.

Elevation--land-surface datum.

Spring Number	Spring Name	Site Identification	Owner	Elevation (Feet above sea level)	Measurements		
					Date	Discharge (GPM)	Method
230 S17 E50 09AD 1	Fairbanks Spring	362924116203001	U.S. Fish and Wildlife Service	2250.	03/27/2003	1600.	C
					06/24/2003	1600.	C
					09/05/2003	1600.	C
					12/18/2003	1600.	C
230 S17 E50 23BBCA1	USFWS - Five Spring	362755116190401	U.S. Fish and Wildlife Service	2367.4	01/16/2003	38.	V
					02/06/2003	37.	V
					03/06/2003	38.	V
					04/03/2003	37.	V
					05/22/2003	35.	V
					06/13/2003	33.	V
					07/23/2003	35.	V
					08/19/2003	35.	V
					09/29/2003	35.	V
					10/27/2003	38.	V
					11/17/2003	38.	V
230 S18 E50 03ADBA1	Crystal Pool	362502116192301	U.S. Fish and Wildlife Service	2195.	03/14/2003	2600.	C
					06/26/2003	2800.	C
					08/29/2003	2600.	C
					12/12/2003	3000.	C
230 S18 E51 19ACB 1	Big Spring	362230116162001	U.S. Fish and Wildlife Service	2240.	03/14/2003	1000.	C
					06/24/2003	990.	C
					08/29/2003	1100.	C
					12/12/2003	1100.	C
243026N002E13FS01S	Navel Spring	362252116425301	U.S. Borax	2080.	03/19/2003	0.87	V
					06/17/2003	0.82	V
					09/04/2003	0.84	V
					12/11/2003	0.83	V
243027N001E23BS01S	Texas Spring	362728116501101	National Park Service	400.	03/19/2003	190.	C
					06/17/2003	180.	C
					09/04/2003	200.	C
					12/18/2003	190.	C

GROUND-WATER LEVELS

YUCCA MOUNTAIN GROUND-WATER MONITORING PROJECT

Periodic water-level measurements are made throughout the Yucca Mountain area to support environmental and regulatory aspects of the Yucca Mountain Project.

The following data, which do not include continual records developed from pressure-sensor data, have been reviewed according to quality-assurance requirements specific to the Yucca Mountain Project.

Site Number--Sites are grouped by hydrographic area and, within each area, are listed in general north-to-south, then west-to-east order.

Elevation--Land surface datum.

Water Level Status--P, site was being pumped; R, site had been pumped recently; Z, measurement made in pump discharge column.

Water Level Method--S, steel tape; V, calibrated electric-tape

Water Level Accuracy--1, water level accurate to the nearest tenth of a foot; 2, water level accurate to the nearest one-hundredth of a foot.

Site Number	Local	Site Number	Station Name	Site Identification	Elevation (Feet Above Sea Level)	Well Depth (Feet)	Water Level (Below Land Surface)				
							Date	(Feet)	Status	Method	Accuracy
CF-1	229	S12 E48 04DBB 1	Crater Flat 1	365520116370301	3930.9	1600.	06/26/2003	624.89	V		1
							07/28/2003	624.79	V		1
							08/12/2003	624.56	V		1
							09/25/2003	624.41	V		1
							10/23/2003	624.25	V		1
							11/07/2003	624.17	V		1
							12/08/2003	623.98	V		1
CF- 1a	229	S12 E48 07ADD 1	Crater Flat 1a	365445116383901	4080.9	700.	01/28/2003	177.72	S		2
							02/07/2003	177.79	S		2
							03/07/2003	178.00	S		2
							04/23/2003	178.31	S		2
							05/27/2003	178.79	S		2
							06/17/2003	178.77	S		2
							07/28/2003	179.17	S		2
							08/12/2003	179.20	S		2
							09/25/2003	179.55	S		2
							10/23/2003	179.65	S		2
							11/07/2003	179.87	S		2
CF- 2	229	S13 E48 27C 1	USW VH-1	364732116330701	3161.1	2501.	01/23/2003	603.64	S		1
							02/21/2003	603.69	V		1
							03/27/2003	603.59	V		1
							04/29/2003	603.62	V		1
							05/06/2003	603.33	V		1
							06/23/2003	603.30	V		1
							07/28/2003	603.43	V		1
							08/12/2003	603.39	V		1
							09/25/2003	603.35	V		1
							10/08/2003	603.54	S		1
							11/07/2003	603.53	V		1
CF- 3	229	S14 E48 36DDD 1	Crater Flat 3	364105116302601	2725.6	460.	01/28/2003	331.21	S		1
							02/24/2003	331.11	S		1
							03/12/2003	331.23	S		1
							04/28/2003	331.15	V		1
							04/28/2003	331.68	P	V	1
							05/22/2003	331.18	V		1
							05/22/2003	331.67	P	V	1
							06/17/2003	331.16	S		1
							07/24/2003	331.18	S		1
							08/20/2003	331.20	S		1
							09/25/2003	331.19	S		1
JF- 1	227A	S12 E50 33A 1	UE-25 WT 15	365116116233801	3553.8	1360.	01/22/2003	1160.69	S		1
							02/20/2003	1160.38	V		1
							03/21/2003	1160.54	V		1
							04/28/2003	1160.38	V		1
							05/06/2003	1160.31	V		1
							06/23/2003	1160.23	V		1
							07/07/2003	1160.39	V		1
							08/13/2003	1160.47	V		1
							09/24/2003	1160.38	V		1

GROUND-WATER LEVELS
YUCCA MOUNTAIN GROUND-WATER MONITORING PROJECT--Continued

Site Number	Local Well Number	Station Name	Site Identification	Elevation (Feet Above Sea Level)	Well Depth (Feet)	Water Level (Below Land Surface)				
						Date	(Feet)	Status	Method	Accuracy
JF- 1	227A S12 E50 33A 1	UE-25 WT 15	365116116233801	3553.8	1360.	10/27/2003	1160.61	V		1
						11/06/2003	1160.51	V		1
						12/04/2003	1160.42	V		1
JF- 2a	227A S13 E49 14A2	UE-25p 1 PTH (Lwr Intrvl)	364938116252102	3655.5	5923	01/22/2003	1184.49	S		1
						02/24/2003	1183.91	V		1
						03/20/2003	1184.24	V		1
						04/28/2003	1184.11	V		1
						05/06/2003	1184.07	V		1
J -13	227A S13 E50 19C1	J -13 WW	364828116234001	3317.9	3488.	01/27/2003	927.04	V		1
						02/20/2003	927.17	V		1
						03/20/2003	927.41	V		1
						04/28/2003	927.23	V		1
						05/06/2003	927.15	V		1
						06/23/2003	927.06	V		1
						07/07/2003	927.17	V		1
						08/13/2003	927.25	V		1
						09/24/2003	927.16	V		1
						10/28/2003	927.15	V		1
J -11	227A S13 E51 31B1	J -11 WW	364706116170601	3442.8	1327.	01/21/2003	1040.14	S		1
						02/24/2003	1039.98	V		1
						03/20/2003	1040.29	V		1
						04/28/2003	1040.15	V		1
						05/06/2003	1040.13	V		1
						06/23/2003	1039.95	V		1
						07/07/2003	1040.10	V		1
						08/13/2003	1040.25	V		1
						08/28/2003	1040.16	V		1
						09/24/2003	1040.13	V		1
						10/08/2003	1040.21	S		1
						11/06/2003	1040.31	V		1
J -12	227A S14 E50 06A2	J -12 WW	364554116232401	3128.4	1139.	01/22/2003	739.78	S		1
						02/20/2003	739.55	V		1
						03/20/2003	739.74	V		1
						04/28/2003	739.58	V		1
						05/06/2003	739.47	V		1
						06/23/2003	739.43	V		1
						07/07/2003	739.49	V		1
						08/13/2003	739.56	V		1
						09/24/2003	739.46	V		1
						10/07/2003	739.46	S		1
						11/06/2003	739.66	V		1
						11/13/2003	739.57	V		1
JF- 3	227A S14 E50 06D1	JF- 3 Well	364528116232201	3098.3	1138.	01/15/2003	709.82	V		1
						02/20/2003	709.54	V		1
						03/20/2003	709.73	V		1
						04/28/2003	709.57	V		1
						05/06/2003	709.48	V		1
						06/23/2003	709.41	V		1
						07/07/2003	709.47	V		1
						08/13/2003	709.58	V		1
						09/24/2003	709.47	V		1
						10/27/2003	709.55	V		1
						11/06/2003	709.64	V		1
						12/04/2003	709.46	V		1
RV- 1	226 S15 E50 24A1	TW- 5	363815116175901	3056.0	800.	01/27/2003	677.63	V		1
						02/07/2003	677.66	V		1
						03/12/2003	677.53	V		1
						04/04/2003	677.46	V		1
						05/20/2003	677.33	V		1

GROUND-WATER LEVELS

YUCCA MOUNTAIN GROUND-WATER MONITORING PROJECT--Continued

Site Number	Local Well Number	Station Name	Site Identification	Elevation (Feet Above Sea Level)	Well Depth (Feet)	Water Level (Below Land Surface)										
						Date	(Feet)	Status	Method	Accuracy						
RV- 1	226 S15 E50 24A1	TW- 5	363815116175901	3056.0	800.	06/16/2003	677.38	V		1						
						07/22/2003	677.24	V		1						
						08/28/2003	677.24	V		1						
						09/16/2003	677.30	V		1						
						10/24/2003	677.24	V		1						
						11/17/2003	677.29	V		1						
						12/08/2003	677.37	V		1						
						MV- 1	225 S16 E53 05ADB 1	Army 1 WW	363530116021401	3153.3	1953.	01/27/2003	786.43	Z	V	1
												02/26/2003	787.66	R	V	1
												03/17/2003	786.30	Z	V	1
												04/21/2003	786.43	Z	V	1
												05/27/2003	786.72	Z	V	1
06/23/2003	786.56	Z	V	1												
07/28/2003	786.64	Z	V	1												
08/25/2003	786.52	Z	V	1												
09/29/2003	786.47	Z	V	1												
10/27/2003	786.66	Z	V	1												
11/17/2003	786.53	Z	V	1												
12/08/2003	786.46	Z	V	1												
AD- 1	230 S14 E47 32DA 1	NA-6 Deep Well (BGMW-10)	364141116351401	2627.9	960.	01/28/2003	269.82		S	2						
						02/07/2003	269.85		S	2						
						03/07/2003	269.81		S	2						
						04/24/2003	269.84		S	2						
						05/27/2003	269.98		S	2						
						06/27/2003	269.77		S	2						
						07/28/2003	269.83		S	2						
						08/12/2003	269.71		S	2						
						09/25/2003	269.95		S	2						
						10/24/2003	269.89		S	2						
						11/07/2003	269.81		S	2						
						12/08/2003	270.02		S	2						
AD- 2	230 S15 E49 24ABB 1	Airport Well	363830116241401	2638.8	750.	01/27/2003	325.40		S	1						
						02/07/2003	325.61		S	1						
						03/07/2003	325.53		S	1						
						04/04/2003	325.56		S	1						
						05/21/2003	325.55		S	1						
						06/16/2003	325.64		S	1						
						07/23/2003	325.65		S	1						
						08/20/2003	325.77		S	1						
						09/25/2003	325.69		S	1						
						10/24/2003	325.76		S	1						
						11/18/2003	325.80		S	1						
						12/08/2003	325.87		S	1						
AD- 2a	230 S15 E50 18CCDB1	NDOT - Well	363835116234001	2656.8	495.	01/16/2003	342.19		S	1						
						02/07/2003	342.40		S	1						
						03/07/2003	342.25		S	1						
						04/04/2003	342.38		S	1						
						05/21/2003	342.38		S	1						
						06/16/2003	343.20		S	1						
						07/22/2003	342.33		S	1						
						08/28/2003	342.20		S	1						
						09/25/2003	342.63		S	1						
						10/24/2003	342.97		S	1						
						11/18/2003	342.46		S	1						
						12/08/2003	342.18		S	1						
AD- 3a	230 S16 E48 05CAB 1	Amargosa Desert 3a	363521116352501	2395.3	240.	01/27/2003	133.60		S	2						
						02/21/2003	133.71		S	2						
						03/27/2003	133.78		S	2						
						04/04/2003	133.78		S	2						
						05/21/2003	133.88		S	2						
						06/16/2003	133.97		S	2						
						07/23/2003	134.02		S	2						
						08/20/2003	134.18		S	2						

GROUND-WATER LEVELS
YUCCA MOUNTAIN GROUND-WATER MONITORING PROJECT--Continued

Site Number	Local Well Number	Station Name	Site Identification	Elevation (Feet Above Sea Level)	Well Depth (Feet)	Water Level (Below Land Surface)				
						Date	(Feet)	Status	Method	Accuracy
AD- 3a	230 S16 E48 05CAB 1	Amargosa Desert 3a	363521116352501	2395.3	240.	09/29/2003	134.19	S		2
						10/24/2003	134.30	S		2
						11/18/2003	134.35	S		2
						12/09/2003	134.24	S		2
AD- 4a	230 S16 E50 07CABB1	Amargosa Desert 4a	363428116234701	2477.8	269.	01/27/2003	119.58	S		2
						02/24/2003	119.54	S		2
						03/07/2003	119.63	S		2
						04/04/2003	119.48	S		2
						05/21/2003	119.64	S		2
						06/16/2003	119.71	S		2
						07/23/2003	119.73	S		2
						08/20/2003	119.91	S		2
						09/25/2003	119.79	S		2
						10/24/2003	119.89	S		2
						11/17/2003	119.76	S		2
						12/08/2003	119.95	S		2
AD- 5	230 S16 E49 18DCCA1	USBLM Well	363310116294001	2376.4	348.	01/17/2003	131.30	S		2
						02/21/2003	131.29	S		2
						03/26/2003	131.37	S		2
						04/04/2003	131.44	S		2
						05/21/2003	131.94	S		2
						06/16/2003	132.29	S		2
						07/23/2003	132.82	S		2
						08/20/2003	133.19	S		2
						09/29/2003	133.72	S		2
						10/14/2003	133.95	S		2
						11/18/2003	134.22	S		2
						12/09/2003	134.25	S		2
AD- 6	230 S16 E51 27BAA 3	Tracer Well 3	363213116133800	2402.3	678.	01/15/2003	41.84	S		2
						02/06/2003	41.82	S		2
						03/06/2003	41.77	S		2
						04/03/2003	41.78	S		2
						05/22/2003	41.74	S		2
						06/13/2003	41.86	S		2
						07/24/2003	41.81	S		2
						08/28/2003	41.71	S		2
						09/16/2003	41.75	S		2
						10/27/2003	41.78	S		2
						11/07/2003	41.87	S		2
						12/05/2003	41.86	S		2
AD- 7a	230 S17 E48 01AB 3	Amargosa Desert 7a	363009116302702	2305.0	210.	01/27/2003	79.04	S		2
						02/21/2003	78.31	S		2
						03/12/2003	78.24	S		2
						04/23/2003	80.18	S		2
						05/21/2003	81.22	S		2
						06/16/2003	82.08	S		2
						07/23/2003	83.11	S		2
						08/20/2003	84.36	S		2
						09/29/2003	84.14	S		2
						10/24/2003	84.28	S		2
						11/18/2003	82.83	S		2
						12/09/2003	81.90	S		2
AD- 8	230 S17 E52 08CDB 1	Amargosa Desert 8	362929116085701	2394.3	215.	01/27/2003	35.30	S		2
						02/22/2003	35.22	S		2
						03/12/2003	35.32	S		2
						04/04/2003	35.26	S		2
						05/27/2003	35.34	S		2
						06/16/2003	35.51	S		2
						07/24/2003	35.68	S		2
						08/25/2003	35.63	S		2
						09/29/2003	35.52	S		2
						10/28/2003	35.47	S		2
						11/17/2003	35.39	S		2
						12/08/2003	35.44	S		2

GROUND-WATER LEVELS

YUCCA MOUNTAIN GROUND-WATER MONITORING PROJECT--Continued

Site Number	Local Well Number	Station Name	Site Identification	Elevation (Feet Above Sea Level)	Well Depth (Feet)	Water Level (Below Land Surface)										
						Date	(Feet)	Status	Method	Accuracy						
AD-9a	230 S17 E49 15BC 2	Amargosa Desert 9a	362835116264102	2260.1	415.	01/27/2003	77.51	S		2						
						02/21/2003	77.36	S		2						
						03/26/2003	80.56	V		1						
						04/16/2003	80.34	V		1						
						05/21/2003	81.40	V		1						
						06/27/2003	83.17	V		1						
						07/23/2003	83.33	R	V	1						
						08/20/2003	82.82	V		1						
						09/25/2003	84.64	V		1						
						10/24/2003	84.60	V		1						
						11/18/2003	80.82	V		1						
						12/09/2003	80.01	V		1						
						AD-10	230 026N005E05E001S NA-9 Deep Well		362525116274301	2190.9	1090.	01/16/2003	13.73	S		2
												02/24/2003	13.58	S		2
03/07/2003	13.65	S		2												
04/03/2003	13.66	S		2												
05/20/2003	13.68	S		2												
06/16/2003	13.71	S		2												
07/22/2003	13.79	S		2												
08/12/2003	13.84	S		2												
09/29/2003	13.96	S		2												
10/23/2003	13.99	S		2												
11/19/2003	14.01	S		2												
12/09/2003	13.95	S		2												
AD-11	230 S19 E50 01BBD 1	GS-03 Deep Well	361954116181201	2351.3	2000.							01/16/2003	210.04	S		2
												02/06/2003	209.91	S		2
						03/27/2003	209.49	S		2						
						04/04/2003	209.43	S		2						
						05/20/2003	208.97	S		2						
						06/12/2003	208.48	S		2						
						07/22/2003	208.20	S		2						
						08/12/2003	208.12	S		2						
						09/15/2003	208.12	S		2						
						10/23/2003	208.46	S		2						
						11/19/2003	208.78	S		2						
						12/09/2003	208.87	S		2						
						AD-12	230 S18 E51 34CBD 1	GS-01 Deep Well	362014116133901	2430.3	1580.	01/16/2003	80.92	S		2
												02/07/2003	80.88	S		2
03/06/2003	80.87	S		2												
04/03/2003	80.87	S		2												
05/20/2003	80.85	S		2												
06/12/2003	80.85	S		2												
07/22/2003	80.89	S		2												
08/12/2003	80.95	S		2												
09/15/2003	80.94	S		2												
10/23/2003	81.00	S		2												
11/17/2003	81.02	S		2												
12/05/2003	80.99	S		2												
AD-13	230 025N004E21M001SS-1 Deep Well		361724116324201	2703.2	2000.							01/23/2003	366.61	S		1
												02/26/2003	366.22	S		1
						03/12/2003	366.34	S		1						
						04/23/2003	366.39	S		1						
						05/20/2003	366.38	S		1						
						06/12/2003	366.25	S		1						
						07/22/2003	366.23	S		1						
						08/19/2003	366.24	S		1						
						09/15/2003	366.14	S		1						
						10/14/2003	366.33	S		1						
						11/18/2003	366.39	S		1						
						12/09/2003	366.44	S		1						

GROUND-WATER LEVELS
YUCCA MOUNTAIN GROUND-WATER MONITORING PROJECT--Continued

Site Number	Local Well Number	Station Name	Site Identification	Elevation (Feet Above Sea Level)	Well Depth (Feet)	Water Level (Below Land Surface)			
						Date	(Feet)	Status	Method Accuracy
AD-14	230 025N005E14M001S	Death Valley Jct Well	361817116244701	2041.8	225.	01/16/2003	2.48	S	2
						02/21/2003	2.31	S	2
						03/07/2003	2.20	S	2
						04/04/2003	2.54	S	2
						05/20/2003	2.46	S	2
						06/12/2003	2.29	S	2
						07/22/2003	2.49	S	2
						08/12/2003	2.50	S	2
						09/15/2003	2.89	S	2
						10/23/2003	2.61	S	2
						11/18/2003	3.12	S	2
						12/09/2003	2.55	S	2
AM- 1	230 S17 E50 10CDD 1	Rogers Spring Well	362858116195301	2265.9	202.	01/16/2003	2.82	S	2
						02/06/2003	2.76	S	2
						03/06/2003	2.64	S	2
						04/03/2003	2.74	S	2
						05/22/2003	2.95	S	2
						06/13/2003	3.46	S	2
						07/23/2003	4.16	S	2
						08/19/2003	4.33	S	2
						09/29/2003	4.27	S	2
						10/14/2003	4.04	S	2
						11/17/2003	3.43	S	2
						12/05/2003	3.17	S	2
AM- 3	230 S17 E50 33CAAB1	Ash Meadows 3	362555116205301	2157.0	202.	01/16/2003	21.43	S	2
						02/06/2003	21.21	S	2
						03/06/2003	20.84	S	2
						04/03/2003	20.61	S	2
						05/22/2003	20.38	S	2
						06/13/2003	20.49	S	2
						07/23/2003	21.05	S	2
						08/19/2003	21.50	S	2
						09/15/2003	21.85	S	2
						10/15/2003	21.98	S	2
						11/17/2003	22.02	S	2
						12/05/2003	22.02	S	2
AM- 5	230 S17 E50 36DDC 1	Devils Hole Well	362529116171100	2404.1	200.	01/16/2003	48.16	S	2
						02/24/2003	47.99	S	2
						03/06/2003	48.12	S	2
						04/03/2003	48.16	S	2
						05/22/2003	48.10	S	2
						06/16/2003	48.10	S	2
						07/23/2003	48.19	S	2
						08/20/2003	48.20	S	2
						09/15/2003	48.11	S	2
						10/15/2003	48.17	S	2
						11/17/2003	48.17	S	2
						12/05/2003	48.15	S	2
AM- 6	230 S18 E51 07BBBB1	Point of Rocks North Well	362432116165701	2318.8	500.	01/16/2003	21.43	S	2
						02/06/2003	21.44	S	2
						03/06/2003	21.54	S	2
						04/03/2003	21.46	S	2
						05/22/2003	21.43	S	2
						06/12/2003	21.58	S	2
						07/23/2003	21.70	S	2
						08/20/2003	21.71	S	2
						09/15/2003	21.63	S	2
						10/15/2003	21.63	S	2
						11/17/2003	21.52	S	2
						12/05/2003	21.50	S	2

GROUND-WATER LEVELS
YUCCA MOUNTAIN GROUND-WATER MONITORING PROJECT--Continued

Site Number	Local Well Number	Station Name	Site Identification	Elevation (Feet Above Sea Level)	Well Depth (Feet)	Water Level (Below Land Surface)				
						Date	(Feet)	Status	Method	Accuracy
AM- 7	230 S18 E51 07BDB 1	Point of Rocks South Well	362417116163600	2333.5	586.	01/16/2003	7.39	S		2
						02/06/2003	7.35	S		2
						03/06/2003	8.25	S		2
						04/03/2003	7.29	S		2
						05/22/2003	7.33	S		2
						06/12/2003	7.37	S		2
						07/23/2003	7.60	S		2
						08/20/2003	7.63	S		2
						09/15/2003	7.54	S		2
						10/15/2003	7.52	S		2
						11/17/2003	7.44	S		2
						12/05/2003	7.38	S		2
						DV- 3	243 026N003E21L001S	Travertine Point 1 Well	362230116392901	2728.4
02/26/2003	602.14	V		1						
03/12/2003	602.19	V		1						
04/23/2003	602.23	V		1						
05/21/2003	602.24	V		1						
06/12/2003	602.20	V		1						
07/24/2003	602.26	V		1						
08/19/2003	602.26	V		1						
09/16/2003	602.25	V		1						
10/15/2003	602.29	V		1						
11/18/2003	602.46	V		1						
12/09/2003	602.45	V		1						

Other well data for Amargosa Valley 230 may be found in Nevada Test Site and Adjacent Areas Monitoring Project tables.