

CEDAR CITY

2006

WATER REPORT

To The Honorable Mayor

Gerald R. Sherratt

And

The City Council of Cedar City, Utah

**Transmitted herewith is the City Engineer's
Report on the water used by
Cedar City for the year
2006**

APPENDIX E
WATER QUALITY

**WATER QUALITY TRENDS
AVERAGES**

	<u>AVERAGE T.D.S.</u>	<u>AVERAGE NITRATES</u>
1998	181.85	1.28
1999	200.0	.70
2000	217.38	.52
2001	Not Available	.73
2002	206.67	.57
2003	165.67	.51
2004	186.6	.52
2005	176.8	.51
2006	201.4	.51

WATER QUALITY**NITRATES**

	<u>2003</u>	<u>2004</u>	<u>2005</u>	<u>2006</u>
Cedar Canyon Springs - Nitrates	.58	.47	.57	.6
Spilsbury Springs - Nitrates	.25	.29	.23	.3
Shurtz Canyon Springs - Nitrates	.59	.52	.59	.55
Quichapa Well #1 – Nitrates	.28	.28	.48	No Data
Quichapa Well #3 - Nitrates	.36	.44	No Data	.3
Quichapa Well #5 - Nitrates	.47	.49	.43	.5
Quichapa Well #6 - Nitrates	.41	.44	No Data	.4
Quichapa Well #7 - Nitrates	.41	.43	No Data	.5
Enoch Well #1 - Nitrates	1.26	1.07	--	No Data
Enoch Well #3- Nitrates	--	0.80	.73	.9
<u>Average</u>	<u>.51</u>	<u>.52</u>	<u>.51</u>	<u>.51</u>
Cemetery Well - Nitrates	6.2	8.3	No Data	No Data
Northfield Well – Nitrates	--	8.5	--	10.6

T.D.S.

	<u>2003</u>	<u>2004</u>	<u>2005</u>	<u>2006</u>
Cedar Canyon Springs - TDS	245	235	235	265
Spilsbury Springs - TDS	105	110	85	136
Shurtz Canyon Springs - TDS	95	132	140	156
Quichapa Well #1 – TDS	110	140	140	No Data
Quichapa Well #3 - TDS	155	205	205	200
Quichapa Well #5 - TDS	165	173	173	162
Quichapa Well #6 - TDS	165	237	230	263
Quichapa Well #7 - TDS	170	185	175	162
Enoch Well #1 - TDS	280	245	--	No Data
Enoch Well #3 – TDS	--	204	208	267
<u>Average</u>	<u>165.56</u>	<u>186.6</u>	<u>176.8</u>	<u>201.4</u>
Cemetery Well – TDS	2000	2010	2210	No Data
Northfield Well – TDS	--	1000	--	1030

