

## 2. Strawberry Creek:

- Beneficial Uses: MUN, AGR, GWR, REC1, REC2, COLD, WILD
- Hydrologic Unit: 802.21
- Total Water Body Size: 9 miles
- Size Impaired: Unknown at this time
- Extent of Impairment: Unknown at this time
- Data Analyses:
  - Lake Hemet Water District Data:*
    - 0/4 exceeded the Basin Plan Objective total hardness objective of 100 mg/L
    - 4/4 exceeded the Basin Plan Objective sodium objective of 10 mg/L
    - 0/4 exceeded the Basin Plan Objective sulfate objective of 20 mg/L
    - 3/4 exceeded the Basin Plan Objective chloride objective of 15 mg/L
    - 3/4 exceeded the Basin Plan Objective TDS objective of 150 mg/L
- Potential Sources: Unknown at this time
- Recommendation: More monitoring due to not enough data points available per parameter to reach a conclusion for impairment and insufficient data to back up results.
- TMDL Priority: None at this time
- TMDL Start Date: Not applicable at this time
- TMDL End Date: Not applicable at this time

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**Lake Hemet Municipal Water Distr**



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Santa Ana Region 8  
2001 WQA/303 D List Update  
Supporting Data  
San Jacinto River, Reaches 6 & 7  
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Santa Ana Region 8  
2001 WQA/303 D List Update  
Supporting Data  
Strawberry Creek

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John Loncar  
Water Resources Mgr.

Dave Walter  
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LAKE HEMET MUNICIPAL  
 NORTH FORK, SOUTH FORK OF THE SAN JUAN RIVER

LAKE HEMET MUNICIPAL  
 CINTO RIVER AND STRAWBERRY CREEK

	DATE UNITS	DLR	N. FORK	S. FORK	STRAWBERRY	N. FORK
			98/03/20	98/03/20	98/03/20	99/03/03
			<i>General Mineral &amp; Physical</i>			<i>General Mineral &amp; Physical</i>
Total Hardness	mg/l		16	82	34	30
Calcium	mg/l		5	25	10	9
Magnesium	mg/l		<2	5	<2	2
Sodium	mg/l		8	21	12	14
Potassium	mg/l		<2	3	<2	2
Total Alkalinity	mg/l		25	110	45	53
Hydroxide	mg/l		<3	<3	<3	<3
Carbonate	mg/l		<3	<3	<3	<3
Bicarbonate	mg/l		30	130	55	64
Sulfate	mg/l	0.5	2	5.3	3.3	1.4
Chloride	mg/l		4	14	9	6
Nitrate (N)	mg/l	2	<2	2	<2	<2
Fluoride	mg/l	0.1	0.1	0.2	0.1	0.3
pH	Std. Units		7.5	8.2	7.8	7.9
Specific Conductance	umho/cm		72	250	110	130
TDS	mg/l		79	160	99	140
Apparent Color	Units		40	40	40	20
Odor	TON		<3	<3	<3	<1
Turbidity	NTU		3.5	3.3	3	1.5
MBAS	mg/l		<0.05	<0.05	<0.05	<0.05
			<i>Inorganic Chemical</i>			<i>Inorganic Chemical</i>
Aluminum	mg/l	0.05	0.2	0.1	0.3 ✓	0.06
Antimony	mg/l	0.006	ND	ND	ND	ND
Arsenic	mg/l	0.002	ND	0.002	ND	ND
Barium	mg/l	0.1	ND	0.1	ND	ND
Beryllium	mg/l	0.001	ND	ND	ND	ND
Cadmium	mg/l	0.001	ND	ND	ND	ND
Chromium	mg/l	0.01	ND	ND	ND	ND
Copper	mg/l	0.05	ND	ND	ND	ND
Iron	mg/l	0.1	0.19	ND	0.17	ND
Lead	mg/l	0.005	ND	ND	ND	ND
Manganese	mg/l	0.02	ND	ND	ND	ND
Mercury	mg/l	0.001	ND	ND	ND	ND
Nickel	mg/l	0.01	ND	ND	ND	ND
Selenium	mg/l	0.005	ND	ND	ND	ND
Silver	mg/l	0.01	ND	ND	ND	ND
Thallium	mg/l	0.001	ND	ND	ND	ND
Zinc	mg/l	0.05	ND	ND	ND	ND
Nitrite	mg/l	0.4	ND	ND	ND	ND
Cyanide	mg/l	0.1	ND	ND	ND	ND
			<i>Radioactivity</i>			<i>Radioactivity</i>

	DATE UNITS	DLR	S. FORK	STRAWBERRY	N. FORK	S. FORK	STRAWBERRY	N. FORK	S. FORK	STRAWBERRY	
			99/03/03	99/03/03	00/03/08	00/03/08	00/03/08	01/03/07	01/03/07	01/03/07	
			<i>General Mineral &amp; Physical</i>			<i>General Mineral &amp; Physical</i>			<i>General Mineral &amp; Physical</i>		
Total Hardness	mg/l		120	62	27	110	58	28	100	52	
Calcium	mg/l		35	18	9	35	18	9	30	16	
Magnesium	mg/l		7	4	1	6	3	2	6	3	
Sodium	mg/l		30	22	15	31	22	15	26	21	
Potassium	mg/l		4	3	2	4	3	2	4	2	
Total Alkalinity	mg/l		150	78	42	130	72	42	110	58	
Hydroxide	mg/l		<3	<3	<3	<3	<3	<3	<3	<3	
Carbonate	mg/l		6	<3	<3	<3	<3	<3	<3	<3	
Bicarbonate	mg/l		180	95	51	170	88	51	140	71	
Sulfate	mg/l		6.1	5.4	3.4	8	8	3.6	6.7	7	
Chloride	mg/l		18	18	11	20	18	10	21	23	
Nitrate (N)	mg/l		<2	<2	<2	<2	<2	<2	5	<2	
Fluoride	mg/l		0.3	0.2	0.2	0.3	0.3	0.1	0.2	0.2	
pH	Std. Units		8.2	8.1	8.2	8.4	8.1	7.9	8.2	8	
Specific Conductance	umho/cm		360	230	150	380	240	130	320	220	
TDS	mg/l		230	170	120	230	170	140	220	170	
Apparent Color	Units		10	10	45	25	30	50	40	35	
Odor	TON		<1	<1	<1	<1	<1	<1	<1	<1	
Turbidity	NTU		0.33	0.52	1.7	0.7	0.73	4.6	2.2	1.9	
MBAS	mg/l		<0.05	<0.05	0.11	0.09	0.05	0.06	0.05	0.07	
			<i>Inorganic Chemical</i>			<i>Inorganic Chemical</i>			<i>Inorganic Chemical</i>		
Aluminum	mg/l		ND	ND	ND	ND	ND	0.26 ✓	0.06	0.12	
Antimony	mg/l		ND	ND	ND	ND	ND	ND	ND	ND	
Arsenic	mg/l		ND	ND	ND	ND	ND	ND	ND	ND	
Barium	mg/l		0.1	ND	ND	0.2	ND	ND	0.1	ND	
Beryllium	mg/l		ND	ND	ND	ND	ND	ND	ND	ND	
Cadmium	mg/l		ND	ND	ND	ND	ND	ND	ND	ND	
Chromium	mg/l		ND	ND	ND	ND	ND	ND	ND	ND	
Copper	mg/l		ND	ND	ND	ND	ND	ND	ND	ND	
Iron	mg/l		ND	ND	ND	ND	ND	0.2	ND	0.1	
Lead	mg/l		ND	ND	ND	ND	ND	ND	ND	ND	
Manganese	mg/l		ND	ND	ND	ND	ND	ND	ND	ND	
Mercury	mg/l		ND	ND	ND	ND	ND	ND	ND	ND	
Nickel	mg/l		ND	ND	ND	ND	ND	ND	ND	ND	
Selenium	mg/l		ND	ND	ND	ND	ND	ND	ND	ND	
Silver	mg/l		ND	ND	ND	ND	ND	ND	ND	ND	
Thallium	mg/l		ND	ND	ND	ND	ND	ND	ND	ND	
Zinc	mg/l		ND	ND	ND	ND	ND	ND	ND	ND	
Nitrite	mg/l		ND	ND	ND	ND	ND	ND	ND	ND	
Cyanide	mg/l		ND	ND	ND	ND	ND	ND	ND	ND	
			<i>Radioactivity</i>			<i>Radioactivity</i>			<i>Radioactivity</i>		