

7. Santa Ana River, Reach 4:

- Beneficial Uses: GWR, REC1, REC2, WARM, WILD
- Hydrologic Unit: 801.27
- Total Water Body Size: 12 miles
- Size Impaired: Unknown at this time
- Extent of Impairment: Unknown at this time
- Data Analyses:
  - Orange County Water District Data:*
    - 0/1 exceeded the "CTR for Inorganic Constituents Fresh Water Aquatic Life Protection (1/yr)" arsenic standard of 340 ug/L (1-hr avg)
    - 0/1 exceeded the "CTR for Inorganic Constituents Fresh Water Aquatic Life Protection (1/yr)" copper standard of 26 ug/L (1-hr avg)
    - 0/1 exceeded the "CTR for Inorganic Constituents Fresh Water Aquatic Life Protection (1/yr)" nickel standard of 834 ug/L (1-hr avg)
- 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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# SAR hardness

StationName SAR-RIVERSIDEAVE-01

ParamName	SampDate	SampTime	Result_Txt
Total Hardness (as CaCO3)	8/25/97	15:00	198

StationName SAR-MISSION-01

ParamName	SampDate	SampTime	Result_Txt
Total Hardness (as CaCO3)	8/25/97	15:30	200

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# SAR-RIVERISDEAVE-01

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**ParamName** Arsenic

<b>SampDate</b>	<b>SampTime</b>	<b>Result_T</b>	<b>Units</b>	<b>StationName</b>	<b>ParamType</b>
8/25/97	15:00	6.2	ug/L	SAR-RIVERSIDEAVE-01	INORGANIC

**ParamName** Copper

<b>SampDate</b>	<b>SampTime</b>	<b>Result_T</b>	<b>Units</b>	<b>StationName</b>	<b>ParamType</b>
8/25/97	15:00	8.3	ug/L	SAR-RIVERSIDEAVE-01	INORGANIC

**ParamName** Nickel

<b>SampDate</b>	<b>SampTime</b>	<b>Result_T</b>	<b>Units</b>	<b>StationName</b>	<b>ParamType</b>
8/25/97	15:00	1.3	ug/L	SAR-RIVERSIDEAVE-01	INORGANIC

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# SAR-MISSION-01

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**ParamName** Arsenic

<b>SampDate</b>	<b>SampTime</b>	<b>Result_T</b>	<b>Units</b>	<b>StationName</b>	<b>ParamType</b>
8/25/97	15:30	12	ug/L	SAR-MISSION-01	INORGANIC

**ParamName** Copper

<b>SampDate</b>	<b>SampTime</b>	<b>Result_T</b>	<b>Units</b>	<b>StationName</b>	<b>ParamType</b>
8/25/97	15:30	15	ug/L	SAR-MISSION-01	INORGANIC

**ParamName** Nickel

<b>SampDate</b>	<b>SampTime</b>	<b>Result_T</b>	<b>Units</b>	<b>StationName</b>	<b>ParamType</b>
8/25/97	15:30	2.4	ug/L	SAR-MISSION-01	INORGANIC