Inland Water Bodies

1. Temescal Creek:

- Beneficial Uses: AGR, IND, GWR, REC1, REC2, WARM, WILD, RARE, SPWN, LWRM
- Hydrologic Unit: 801.25
- Total Water Body Size:
- 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 "max. conc. 1-hr avg" arsenic standard of 150 ug/L (based on hardness = 285 mg/L)
  - 0/1 exceeded the CTR "max. conc. 1-hr avg" cadmium standard of 13 ug/L (based on hardness = 285 mg/L)
  - 0/1 exceeded the CTR "max. conc. 1-hr avg" copper standard of 36 ug/L (based on hardness = 285 mg/L)
  - 0/1 exceeded the CTR "max. conc. 1-hr avg" lead standard of 190 ug/L (based on hardness = 285 mg/L)
  - 0/1 exceeded the CTR "max. conc. 1-hr avg" nickel standard of 1100 ug/L (based on hardness = 285 mg/L)
  - 0/1 exceeded the CTR "max. conc. 1-hr avg" zinc standard of 280 ug/L (based on hardness = 285 mg/L)
  - Reach 1A – 0/1 exceeded the "Cal Toxics Rule Max Conc 1 hr Avg" cadmium standard of 8.5 ug/L (Based on hardness = 194)
  - Reach 1A – 0/1 exceeded the "Cal Toxics Rule Max Conc 1 hr Avg" cadmium standard of 13 ug/L (Based on hardness = 284)
  - Reach 1A – 0/1 exceeded the "Cal Toxics Rule Max Conc 1 hr Avg" cadmium standard of 11 ug/L (Based on hardness = 238)
  - Reach 1A – 0/1 exceeded the "Cal Toxics Rule Max Conc 1 hr Avg" copper standard of 25 ug/L (Based on hardness = 194)
  - Reach 1A – 0/1 exceeded the "Cal Toxics Rule Max Conc 1 hr Avg" copper standard of 36 ug/L (Based on hardness = 284)
  - Reach 1A – 0/1 exceeded the "Cal Toxics Rule Max Conc 1 hr Avg" copper standard of 31 ug/L (Based on hardness = 238)
  - Reach 1A – 0/1 exceeded the "Cal Toxics Rule Max Conc 1 hr Avg" nickel standard of 810 ug/L (Based on hardness = 194)
  - Reach 1A – 0/1 exceeded the "Cal Toxics Rule Max Conc 1 hr Avg" nickel standard of 1100 ug/L (Based on hardness = 284)
  - Reach 1A – 0/1 exceeded the "Cal Toxics Rule Max Conc 1 hr Avg" nickel standard of 980 ug/L (Based on hardness = 238)

- Reach 1A – 0/1 exceeded the "Cal Toxics Rule Max Conc 1 hr Avg" lead standard of 130 ug/L (Based on hardness = 194)
- Reach 1A – 0/1 exceeded the "Cal Toxics Rule Max Conc 1 hr Avg" lead standard of 190 ug/L (Based on hardness = 284)
- Reach 1A – 0/1 exceeded the "Cal Toxics Rule Max Conc 1 hr Avg" lead standard of 170 ug/L (Based on hardness = 238)
- Reach 1A – 0/1 exceeded the "Cal Toxics Rule Max Conc 1 hr Avg" selenium standard of 20 ug/L (Based on hardness = 194)
- Reach 1A – 0/1 exceeded the "Cal Toxics Rule Max Conc 1 hr Avg" selenium standard of 20 ug/L (Based on hardness = 284)
- Reach 1A – 0/1 exceeded the "Cal Toxics Rule Max Conc 1 hr Avg" selenium standard of 20 ug/L (Based on hardness = 238)
- Reach 1A – 0/1 exceeded the "Cal Toxics Rule Max Conc 1 hr Avg" zinc standard of 200 ug/L (Based on hardness = 194)
- Reach 1A – 0/1 exceeded the "Cal Toxics Rule Max Conc 1 hr Avg" zinc standard of 280 ug/L (Based on hardness = 284)
- Reach 1A – 0/1 exceeded the "Cal Toxics Rule Max Conc 1 hr Avg" zinc standard of 250 ug/L (Based on hardness = 238)

- 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

Temescal Creek

StationName	ParamName	Result_Val	Units	SampDate	SampTime
CK-TEMESCAL-01	Arsenic	3.3	ug/L	8/23/99	11:45
CK-TEMESCAL-01	Cadmium	0.1	ug/L	8/23/99	11:45
CK-TEMESCAL-01	Copper	11	ug/L	8/23/99	11:45
CK-TEMESCAL-01	Lead	0.1	ug/L	8/23/99	11:45
CK-TEMESCAL-01	Nickel	1.5	ug/L	8/23/99	11:45
CK-TEMESCAL-01	Selenium	0.5	ug/L	8/23/99	11:45
CK-TEMESCAL-01	Zinc	5	ug/L	8/23/99	11:45
CK-TEMESCAL-02	Arsenic	4.6	ug/L	8/25/97	15:15
CK-TEMESCAL-02	Arsenic	3.1	ug/L	8/17/98	14:45
CK-TEMESCAL-02	Arsenic	0.2	ug/L	8/22/00	14:40
CK-TEMESCAL-02	Cadmium	0.1	ug/L	8/25/97	15:15
CK-TEMESCAL-02	Cadmium	0.1	ug/L	8/17/98	14:45
CK-TEMESCAL-02	Cadmium	0.1	ug/L	8/22/00	14:40
CK-TEMESCAL-02	Copper	13	ug/L	8/25/97	15:15
CK-TEMESCAL-02	Copper	6.4	ug/L	8/17/98	14:45
CK-TEMESCAL-02	Copper	5.7	ug/L	8/22/00	14:40
CK-TEMESCAL-02	Lead	0.1	ug/L	8/25/97	15:15
CK-TEMESCAL-02	Lead	0.1	ug/L	8/17/98	14:45
CK-TEMESCAL-02	Lead	2.7	ug/L	8/22/00	14:40
CK-TEMESCAL-02	Nickel	1.3	ug/L	8/25/97	15:15
CK-TEMESCAL-02	Nickel	1.6	ug/L	8/17/98	14:45
CK-TEMESCAL-02	Nickel	1.9	ug/L	8/22/00	14:40
CK-TEMESCAL-02	Selenium	0.5	ug/L	8/25/97	15:15
CK-TEMESCAL-02	Selenium	0.5	ug/L	8/17/98	14:45
CK-TEMESCAL-02	Selenium	0.5	ug/L	8/22/00	14:40
CK-TEMESCAL-02	Zinc	5	ug/L	8/25/97	15:15
CK-TEMESCAL-02	Zinc	5	ug/L	8/17/98	14:45
CK-TEMESCAL-02	Zinc	5	ug/L	8/22/00	14:40