

**Attachment J**

Table E.2.4-6 Summary of Water Quality Data for Metals, Cow Creek Development,  
March and October 2003

**Table E.2.4-6. Summary of Water Quality Data for Metals, Cow Creek Development, March and October 2003**

Constituent	Range of Concentrations (µg/L)	CA Primary Drinking Water MCL (µg/L)	CA Secondary Drinking Water MCL (µg/L)	Basin Plan Standards (µg/L)	California Toxics Rule Criteria (µg/L)
<b>Total Metals</b>					
Arsenic	0.13 – 0.56	50	–	–	–
Barium	0.0033 – 0.0093	1000	–	–	–
Cadmium	<0.002 – 0.005	5	–	–	–
Copper	0.056 – 0.706	1,300	1,000	–	–
Lead	<0.002 – 0.063	–	–	–	–
Manganese	3.04 – 9.12	15	50	–	–
Silver	<0.008	–	100	–	–
Zinc	<0.02 – 2.92	–	5,000	–	–
<b>Dissolved Metals</b>					
Arsenic	<0.10 – 0.54	–	–	10	150
Barium	0.0029 – 0.0075	–	–	100	–
Cadmium	<0.002 – 0.006	–	–	0.22	2.2
Copper	0.095 – 0.451	–	–	5.6	9
Iron	0.0133 – 0.094	–	–	300	–
Lead	<2.0 - <10.0	–	–	–	2.5
Manganese	1.11 – 3.66	–	–	50	–
Mercury	0.0003 – 0.00208	–	–	–	–
Silver	<0.008 – 0.02	–	–	10	3.4
Zinc	<0.02 – 0.24	–	–	16	120

**Notes:**

1. All water quality data are presented in Appendix I.
2. Basin Plan standards are found in RWQCB-CRV (2007)
3. Drinking water standards are cited in CDPH (2008)
4. California Toxics Rule Criteria are cited in 40 CFR Part 131, May 18, 2000
5. mg/L = milligrams per liter; µg/L = micrograms per liter; MPN = most probable number