

TABLE D-7  
SUMMARY OF DISSOLVED INORGANIC ANALYTES SCREENING LEVEL EXCEEDANCES FOR  
SURFACE WATER DRAINAGE SAMPLES  
CASMALIA RESOURCES SUPERFUND SITE REMEDIAL INVESTIGATION

Parameter	California MCL	Federal MCL	Preliminary Remediation Goal (PRG)	Lowest Human Health Risk Screening Level	Lowest Ecological Screening Level
<b>Benchmark Locations</b>					
<b>Upper C Drainage</b>					
Aluminum	✓			✓	✓
Antimony					
Arsenic			✓	✓	✓
Barium					✓
Beryllium					
Cadmium					
Chromium					
Cobalt					
Copper					
Lead					
Manganese					
Mercury					
Molybdenum					
Nickel					✓
Selenium					✓
Silver					
Thallium					
Tin					
Vanadium					✓
Zinc					✓
<b>North Drainage</b>					
Aluminum	✓			✓	✓
Antimony					
Arsenic		✓	✓	✓	✓
Barium					✓
Beryllium					✓
Cadmium				✓	✓
Chromium					✓
Cobalt					✓
Copper					✓
Lead		✓		✓	✓
Manganese			✓		✓

TABLE D-7  
SUMMARY OF DISSOLVED INORGANIC ANALYTES SCREENING LEVEL EXCEEDANCES FOR  
SURFACE WATER DRAINAGE SAMPLES  
CASMALIA RESOURCES SUPERFUND SITE REMEDIAL INVESTIGATION

Parameter	California MCL	Federal MCL	Preliminary Remediation Goal (PRG)	Lowest Human Health Risk Screening Level	Lowest Ecological Screening Level
Mercury					
Molybdenum					✓
Nickel					✓
Selenium	✓	✓		✓	✓
Silver					✓
Thallium					
Tin					
Vanadium					✓
Zinc					✓
<b>On-Site Location</b>					
<b>RCRA Canyon</b>					
Aluminum					
Antimony					
Arsenic	✓	✓	✓	✓	✓
Barium					✓
Beryllium					
Cadmium	✓	✓		✓	✓
Chromium					✓
Cobalt					
Copper					✓
Lead					
Manganese					✓
Mercury					
Molybdenum					✓
Nickel					✓
Selenium	✓	✓	✓	✓	✓
Silver					
Thallium					
Tin					
Vanadium					✓
Zinc					✓

TABLE D-7  
SUMMARY OF DISSOLVED INORGANIC ANALYTES SCREENING LEVEL EXCEEDANCES FOR  
SURFACE WATER DRAINAGE SAMPLES  
CASMALIA RESOURCES SUPERFUND SITE REMEDIAL INVESTIGATION

Parameter	California MCL	Federal MCL	Preliminary Remediation Goal (PRG)	Lowest Human Health Risk Screening Level	Lowest Ecological Screening Level
<b>Down Gradient Locations</b>					
<b>A Drainage</b>					
Aluminum					✓
Antimony					
Arsenic			✓	✓	✓
Barium					✓
Beryllium					
Cadmium					
Calcium					
Chromium					
Cobalt					
Copper					
Iron					
Lead					
Magnesium					
Manganese					
Mercury					
Molybdenum					
Nickel					✓
Selenium					
Silver					
Thallium					
Tin					
Vanadium					
Zinc					✓
<b>Lower C Drainage</b>					
Aluminum	✓			✓	✓
Antimony					
Arsenic			✓	✓	✓
Barium					✓
Beryllium					
Cadmium					
Chromium					
Cobalt					

TABLE D-7  
SUMMARY OF DISSOLVED INORGANIC ANALYTES SCREENING LEVEL EXCEEDANCES FOR  
SURFACE WATER DRAINAGE SAMPLES  
CASMALIA RESOURCES SUPERFUND SITE REMEDIAL INVESTIGATION

Parameter	California MCL	Federal MCL	Preliminary Remediation Goal (PRG)	Lowest Human Health Risk Screening Level	Lowest Ecological Screening Level
Copper					
Lead					
Manganese					✓
Mercury					
Molybdenum					
Nickel					✓
Selenium					✓
Silver					
Thallium					
Tin					
Vanadium					✓
Zinc					✓

**Footnotes:**

Check mark indicates at least one result exceeded the criteria

California MCL= California Maximum Contaminant Level

Federal MCL= Federal Maximum Contaminant Level

PRG = Preliminary Remediation Goal