

Table 3I. Iron, arsenic, and chromium speciation results from ground-water samples in the Southern Sacramento Valley Ground-Water Ambient Monitoring and Assessment (GAMA) study unit, California, 2005.

[The five digit USGS parameter code is used in the USGS's computerized data system, the National Water Information System, to uniquely identify a specific constituent or property. CAS, Chemical Abstracts Service; DLR, detection level for the purpose of reporting; GAMA, Ground-Water Ambient Monitoring and Assessment; MCL-CA, California Department of Health Services Maximum Contaminant Level; MCL-US, U.S. Environmental Protection Agency Maximum Contaminant Level; MDL, method detection limit; NL, notification level; SMCL, Secondary Maximum Contaminant Level; USGS, U.S. Geological Survey; µg/L, microgram per liter;]

| Constituent | Detected in ground-water samples in this study | USGS parameter code | CAS number | MDL (µg/L) | Threshold (µg/L) | Threshold type |
|--------------------|---|----------------------------|-------------------|-------------------|-------------------------|-----------------------|
| Arsenic | yes | 99033 | 7440-38-2 | 0.5 | 10 | MCL-US |
| Arsenic(III) | yes | 99034 | 1327-53-3 | 2 | 10 | MCL-US |
| Chromium | yes | 01030 | 7440-47-3 | 1 | 50 | MCL-CA |
| Chromium(VI) | yes | 01032 | 11104-59-9 | 1 | 50 | MCL-CA |
| Iron | yes | 01046 | 7439-89-6 | 2 | 300 | MCL-CA |
| Iron(II) | yes | 01047 | 7439-89-6 | 2 | 300 | MCL-CA |