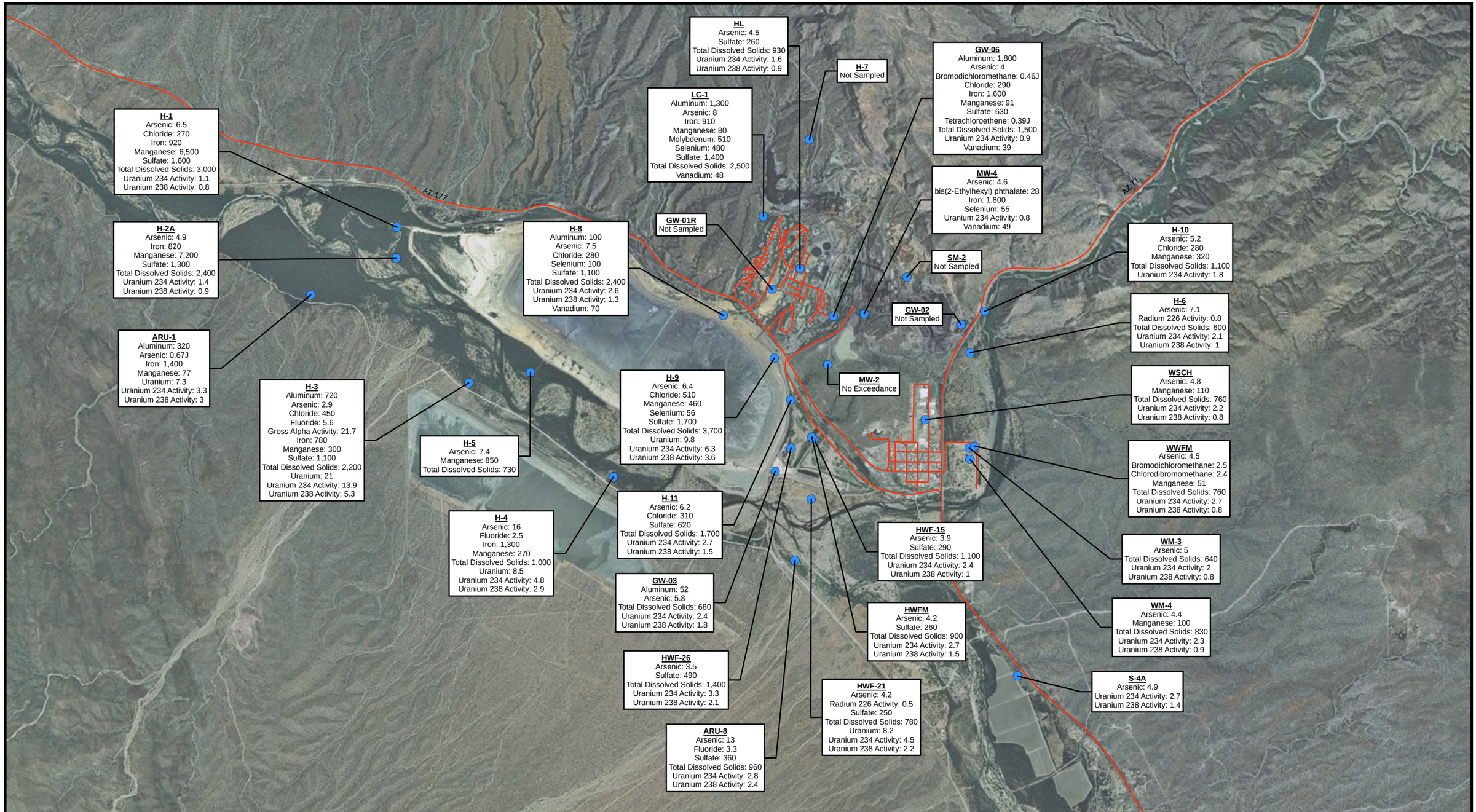

Legend

- Groundwater Well
- Road

Notes:

[1] ARU-1 = Location ID
[2] J = Estimated value
[3] µg/L = micrograms per liter
[4] mg/L = milligrams per liter
[5] pCi/L = picocuries per liter
[6] Concentrations shown for each location are exceedances of either the EPA Maximum Contaminant Levels (MCLs), the EPA Region IX Preliminary Remediation Goals (PRGs) or both.
[7] Dissolved metals exceedances are not included
[8] Aerial Source: ESRI I3 Imagery Prime World 2D dataset, April 26, 1992; October 12, 1992; June 17, 2005

Lab Parameter	MCL	PRG	Units
Aluminum	50	36,000	µg/L
Arsenic	10	0.045	µg/L
bis(2-Ethylhexyl) phthalate	6	4.8	µg/L
Bromodichloromethane	--	0.18	µg/L
Chloride	250	--	mg/L
Chlorodibromomethane	--	0.13	µg/L
Fluoride	4,000	2.2	mg/L

Lab Parameter	MCL	PRG	Units
Gross Alpha Activity	15	--	pCi/L
Iron	300	11,000	µg/L
Manganese	50	880	µg/L
Molybdenum	--	180	µg/L
Radium 226 Activity	--	0.0008	pCi/L
Selenium	50	180	µg/L
Sulfate	250	--	mg/L

Lab Parameter	MCL	PRG	Units
Tetrachloroethene	5	0.1	µg/L
Total Dissolved Solids	500	--	mg/L
Uranium	30,000	7.3	µg/L
Uranium 234 Activity	--	0.674	pCi/L
Uranium 238 Activity	--	0.744	pCi/L
Vanadium	--	36	µg/L

N W E S

0 1,500 3,000 6,000 Feet

DRAFT

FIGURE 4-48
SUMMARY OF GROUNDWATER SAMPLE EXCEEDANCES, FEBRUARY-MARCH 2006

ASARCO, LLC Hayden Plant Site
Hayden, Arizona

The data on this figure are derived from tables 4-16, 4-17, 4-18, 4-20, 4-21, 4-22, 4-23, 4-25, 4-26, and 4-27.

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\\MADISON\GROUPS\EMS\GIS_LIBRARY\ASARCO\MAPFILES\03_FINAL\FIG4-48_GW_EXCEEDANCE_FEBRUARY-MARCH2006.MXD TJW 7/24/2008