

Table 2-10. Cr(VI) Concentrations for 100-H Area and 100-D Area RUM Wells, 2011 to 2013

System	Well or Aquifer Tube Name	Well Use	Fall* 2011 Unfiltered Cr(VI)		Fall* 2012 Unfiltered Cr(VI)		Fall* 2013 Unfiltered Cr(VI)		Percent Change in Concentration (Negative = Increase)	
			Date Collected	Unfiltered Concentration (µg/L)	Date Collected	Unfiltered Concentration (µg/L)	Date Collected	Unfiltered Concentration (µg/L)	2011 to 2012	2012 to 2013
	199-D5-134	M	—	—	—	—	10/1/2013	5.9	—	—
	199-D5-141	M	10/13/2011	2 (U)	9/26/2012	2 (U)	10/21/2013	2 (UN)	NC	NC
	199-D8-54B	M	—	—	—	—	12/20/2013	4.9 (B)	—	—
	199-H2-1	M	—	—	10/22/2012	6.5	10/25/2013	9.1	—	-40
	199-H3-10	M	—	—	10/19/2012	2.2 (B)	10/25/2013	2.6 (B)	—	-18
HX	199-H3-2C	E	9/12/2011	80	10/28/2012	66	11/19/2013	64	18	3
	199-H3-9	M	—	—	10/19/2012	146	10/25/2013	116	—	21
HX	199-H4-12C	E	9/12/2011	147	12/3/2012	137	11/19/2013	121	7	12
	199-H4-15CS	M	10/18/2011	153	10/12/2012	85.7	10/17/2013	52.3	44	39
	699-97-43C	M	12/28/2011	2 (U)	11/13/2012	2 (U)	11/25/2013	2.3 (B)	NC	NC
	699-97-45B	M	12/28/2011	2 (U)	11/15/2012	2 (U)	11/26/2013	2 (U)	NC	NC
	699-97-48C	M	12/14/2011	52.9	11/8/2012	62.6	12/2/2013	105	-18	-68

Note: The percent change in concentration is calculated using the following formula: $([\text{Cr(VI)}]_{\text{year 1}} - [\text{Cr(VI)}]_{\text{year 2}}) / [\text{Cr(VI)}]_{\text{year 1}}$.

If more than one sample was collected on the same date, the maximum result was used.

* Fall represents the period from October 1 to December 31 for the specified calendar year. The maximum concentration reported during this period is listed. If a higher result was reported in September, the September result is listed.

If no Cr(VI) results were reported during this period, the result reported for the next closest date prior to October 1 but no earlier than September 1 is listed.

— = indicates that the sample was not collected, analysis was not performed, or the change in concentration was not calculated

Cr(VI) = hexavalent chromium

E = extraction well

M = monitoring well

NC = not calculated (if both results included a nondetect "U" laboratory qualifier)

U = undetected (detection limit is listed with qualifier in parentheses)