

Table 2-4. Comparison of 2013 Technetium-99 Sample Results from Monitoring Wells in the S-SX Tank Farms Vicinity to Baseline Concentrations

Well Name	Baseline (2012) Technetium-99 (pCi/L)	2013 Technetium-99 (pCi/L) ^a	Difference (%) ^b
299-W22-44 ^c	10,500	8,000	-24
299-W22-45	520	1,200	+131
299-W22-47	15,000	1,100	-93
299-W22-49	2,300	1,600	-30
299-W22-50	5,750	7,800	+36
299-W22-69	220	190	-14
299-W22-72	135	190	+41
299-W22-80	19	9.3	—
299-W22-81	67.5	26	-62
299-W22-82	2,900	2,700	-7
299-W22-83	17,700	18,000	+2
299-W22-84	630	20	-97
299-W22-85	140	210	+50
299-W22-86	11,000	5,300	-52
299-W22-89	<6.5 ^d	<6.6 ^d	—
299-W22-94 ^e	880 ^f	120	-86
299-W22-95 ^g	310 ^h	310	—
299-W22-96	1,020	1,000	-2
299-W23-15	18.0	7.2	—
299-W23-19	45,000	20,000	-56
299-W23-20	6.70	8	—
299-W23-21	86.2	80	-7

a. For wells that were sampled multiple times during 2013, the result shown is from the last sample of the year.

b. Differences are shown for only those wells with a baseline or 2013 sample result at least five times the detection limit ($\sim 6.6 \text{ pCi/L} \times 5 = \sim 33 \text{ pCi/L}$) (i.e., results above an approximation of the quantitation limit).

c. Well was found to be sample dry during June 2013.

d. Less than (<) values reference the detection limit for that constituent.

e. Well 299-W22-94 is a replacement for 299-W22-48, which became dry during 2012.

f. Baseline sample result is for well 299-W22-48.

g. Well 299-W22-95 is a replacement for 299-W22-26, which became dry during 2012.

h. Baseline sample result is for well 299-W22-95, collected during December 2013.