

Table 3-7. Operational Parameters and System Performance for KX P&T System

Total Processed Groundwater	CY 2012	CY 2013
Total groundwater treated since November 2008 startup (million L)	3,550.7	4,575.1
Total groundwater treated in CY (million L)	955.3	1,024.5
Mass of Hexavalent Chromium Removed		
Total hexavalent chromium removed since November 2008 startup (kg)	141.5	168.5
Total hexavalent chromium removed in CY (kg)	27.5	27.0
Summary of Operational Parameters		
Removal efficiency (% by mass)	91.5	98.5
Waste generation (m ³)	0	254.4
Regenerated resin installed (m ³)	24.9	0
New resin installed (m ³)	26.2 ^b	0
Number of resin vessel changeouts	28 ^c	0
Summary of System Availability		
Total possible run-time (hours)	8,784	8,760
Total time online (hours)	8,732.1	8,705.9
Total availability (%) ^a	99.4	99.4

a. Total availability [(total time online) ÷ (total possible run-time)].

b. Newly installed resin is SIR-700 installed in two vessels in each ion exchange treatment train.

c. Includes change out of Dowex 21K to SIR-700 in ion exchange vessels.

CY = calendar year