Table 3-5. Central Treatment System Average Influent and Effluent Concentrations for 2013

Month	Carbon Tetrachloride (µg/L)		Total Chromium (µg/L)		Hexavalent Chromium (µg/L)		Iodine-129[a] (pCi/L)		Nitrate as Nitrate (mg/L)		Technetium-99[a] (pCi/L)		Trichloroethene (µg/L)		Tritium (pCi/L)		Uranium[c] (µg/L)	
	Influent	Effluent	Influent	Effluent	Influent	Effluent	Influent	Effluent[b]	Influent	Effluent	Influent	Effluent	Influent	Effluent	Influent	Effluent	Influent	Effluent
January	740	<1	33.2	6.2	30.2	5.8	0.327	<0.173	124	42	2,040	68	5.1	<1	5,200	5,000	0.8	0.75
February	740	<2	30.6	5.9	22.7	3.7	0.240	<0.136	104	47	1,700	53	3.0	<2	3,900	3,700	1.3	1.08
March	610	<1	31.1	10.7	25.4	4.8	<0.239	<0.085	107	48	1,513	61	5.1	<0.5	3,800	3,900	1.4	1.28
April	1,100	<1	21.4	8.3	20.6	<2	0.220	<0.214	89	56	1,377	56	4.9	<0.5	3,200	3,500	1.1	1.14
May	1,090	<1	25.3	6.6	21.4	8.4	<0.230	<0.230	98	43	1,496	46	5.6	<0.5	3,500	3,300	1.3	2.12
June	630	<2	27.9	7.2	23.4	7.6	0.317	<0.251	114	31	1,500	48	4.0	<1	3,200	3,000	1.5	1.22
July	760	<2	26.3	4.0	21.4	<2	0.232	<0.166	106	30	1,500	26	5.2	<1	4,100	3,900	1.3	1.00
August	725	<1	24.1	5.7	21.2	3.4	<0.238	<0.217	93	28	1,700	47	3.2	<0.5	3,350	3,100	1.2	0.95
September	775	<1	27.4	4.4	24.1	3.7	<0.213	<0.213	115	27	1,600	70	3.8	<0.5	3,200	3,000	1.3	0.97
October	1,100	<2	20.9	4.5	19.0	2.6	<0.213	<0.213	100	18	1,600	69	4.8	<1	1,500	1,400	1.1	0.93
November	650	<2	24.8	5.5	24.5	10.9	<0.213	<0.213	102	10	1,600	63	4.9	<1	3,200	3,000	1.3	0.95
December	860	<2	27.2	5.1	24.6	7.0	<0.213	<0.213	108	33	1,400	47	5.0	<1	3,000	2,750	1.1	1.10

Note: The less than symbol (<) indicates that the sample result was below the listed detection limit.

a. Iodine-129 and technetium-99 influent concentrations are the pre-resin sample results taken from the radiological treatment system; effluent values are from the biological treatment system.

b. All iodine-129 effluent results were below the detection limit.

c. Uranium is included to track 200-UP-1 Operable Unit groundwater treated.