Table 3-5. Central Treatment System Average Influent and Effluent Concentrations for 2014

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 [b] (µg/L)	
	Influent	Effluent	Influent	Effluent	Influent	Effluent	Influent	Effluent [c]	Influent	Effluent	Influent	Effluent	Influent	Effluent	Influent	Effluent	Influent	Effluent
January	745	<2.0	20.7	6.2	20.5	5.9	<0.16	<0.24	20.4	6.7	1,200	46	4.0	<1.0	2,400	2,700	1.5	0.8
February	400	<1.0	25.4	5.9	23.9	2.0	<0.19	<0.18	22.4	4.1	1,200	47	3.9	<0.5	3,000	2,900	1.7	1.0
March	620	<1.0	23.9	10.7	21.8	<2.0	<0.18	<0.22	20.3	4.3	1,300	58	3.1	<0.5	2,700	2,800	1.8	0.9
April	820	<1.0	23.5	8.3	22.0	2.8	<0.24	<0.21	22.6	4.3	1,200	53	3.6	<0.5	2,900	2,600	1.6	1.1
May	550	<0.13	24.3	6.6	21.5	<8.0	<0.38	<0.30	23.5	3.4	1,290	56	3.4	<0.25	2,790	3,050	1.6	1.2
June	610	<0.13	22.1	7.2	17.0	<8.0	<0.37	<0.30	21.0	5.5	1,010	45	3.8	<0.25	2,500	2,940	1.8	1.1
July	620	0.95	21.8	4.0	21.0	<8.0	<0.31	<0.24	23.4	5.0	1,210	57	4.4	<0.25	3,080	2,910	1.6	1.0
August	690	<0.13	28.2	5.7	21.0	<8.0	0.57	<0.26	22.6	7.5	1,400	60	4.1	<0.25	2,880	2,550	2.0	1.1
September	500	<0.13	31.7	4.4	22.0	<8.0	0.33	<0.20	24.9	7.5	1,440	35	3.4	<0.25	2,930	3,180	1.6	1.6
October	700	<0.13	30.1	4.5	24.0	<8.0	<0.30	<0.28	23.0	5.4	1,410	54	3.4	<0.25	2,780	2,865	2.2	1.4
November	460	<0.13	27.4	5.5	21.0	4.9	<0.23	<0.23	23.5	5.0	1,390	62	2.9	<0.25	2,620	2,810	1.7	1.2
December	640	0.34	24.8	5.1	24.9	10.4	<0.18	<0.20	27.5	7.1	1,330	69	3.9	<0.25	3,060	2,910	1.7	1.1

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

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

b. Uranium is included to track 200-UP-1 OU groundwater treated.

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

OU = operable unit