

Table 2.9-37 Total Radionuclides and Metals in Tissue of Northern Pike Collected from Inlet of Box Butte Reservoir

Radionuclide - Total	May 25, 2014		September 26, 2014		RL
	Result ^a	Units	Result ^a	Units	
Lead 210	2.8E-05	uCi/kg	<1.0E-06	uCi/kg	1.0E-06
Lead 210 Precision (+)	1.5E-05	uCi/kg	2.9E-06	uCi/kg	--
Lead 210 MDC	1.0E-06	uCi/kg	1.0E-06	uCi/kg	--
Polonium 210	8.1E-06	uCi/kg	<1.0E-06	uCi/kg	1.0E-06
Polonium 210 Precision (+)	7.0E-06	uCi/kg	8.0E-07	uCi/kg	--
Polonium 210 MDC	1.0E-06	uCi/kg	1.0E-06	uCi/kg	--
Radium 226	4.1E-06	uCi/kg	8.0E-07	uCi/kg	5.0E-08
Radium 226 Precision (+)	2.2E-06	uCi/kg	3.0E-07	uCi/kg	--
Radium 226 MDC	5.0E-08	uCi/kg	5.0E-08	uCi/kg	--
Thorium 230	8.0E-07	uCi/kg	4.0E-07	uCi/kg	2.0E-07
Thorium 230 Precision (+)	1.6E-06	uCi/kg	3.0E-07	uCi/kg	--
Thorium 230 MDC	2.0E-07	uCi/kg	2.0E-07	uCi/kg	--
Metals - Total					--
Uranium, Total	.0031	mg/kg	.0023	mg/kg	0.0003
Uranium Activity	2.1E-6	uCi/kg	1.5E-06	uCi/kg	2.0E-07

^a Results reported on a wet weight basis (as received) for composite of two or more samples (digestion, radiochemistry).

uCi/kg = microcuries per kilogram.

RL = Analyte reporting limit.

MDC = Minimum detectable concentration.

mg/kg – milligram per kilogram