

Radioanalytical Laboratory Sample Capacity by Types/Analyses

NOTE: The numbers listed for Environmental Monitoring and Project samples **DO NOT** include Quality Control samples for blanks, blank spikes, duplicates and matrix spike.

I. Environmental Monitoring Samples:

Gross Alpha/Beta Analysis:

<i>Matrix</i>	<i>Total/Year</i>
Water	154
Air Filter	780
Sediment	10
Soil	8

Gamma Spectroscopy Analysis:

<i>Matrix</i>	<i>Total/Year</i>
Water	96
Air Filter	222
Sediment	10
Soil	10
Vegetation	10
Field Crops	8
Fish	2

Uranium Alpha Isotopic Analysis:

<i>Matrix</i>	<i>Total/Year</i>
Water	150
Air Filter	54
Sediment	10
Soil	10
Vegetation	10
Field Crops	8
Fish	2

Plutonium Alpha Isotopic Analysis:

<i>Matrix</i>	<i>Total/Year</i>
Water	150
Air Filter	54
Sediment	10
Soil	10
Vegetation	10
Field Crops	8
Fish	2

Strontium-90 Analysis:

<i>Matrix</i>	<i>Total/Year</i>
Water	150
Air Filter	54
Sediment	10
Soil	10
Vegetation	10
Field Crops	8
Fish	2

II. Project Samples:

NOTE: Sample numbers reflect Calendar Year 2002 samples received.

Gross Alpha/Beta Analysis:

Smears – 2500 samples

Water – 44 samples

Soil -34 samples

Gamma Spectroscopy Analysis:

600 samples

Tritium/Carbon-14 Analysis:

72 samples

Plutonium Alpha Isotopic Analysis:

74 samples

Uranium Alpha Isotopic Analysis:

25 samples

Americium Alpha Isotopic Analysis:

42 samples

Thorium Alpha Isotopic Analysis:

5 samples

Strontium-90 Analysis:

60 samples