2010 Connecticut River Fish Gamma Spectroscopy Results

Month Sample Collected	Location Sampled	Edible (flesh) [1]		Inedible (bones, head, scales, guts) [1]		Whole fish [2]	
		Potassium-40 +/- error (pCi/kg)	Cesium-137 +/- error (pCi/kg)	Potassium-40 +/- error (pCi/kg)	Cesium-137 +/- error (pCi/kg)	Potassium-40 +/- error (pCi/kg)	Cesium-137 +/- error (pCi/kg)
February 2010	Near VY Discharge					2,500 +/- 460	< LLD
	Upstream of VY					2,260 +/- 420	< LLD
Apr/May 2010	Near VY Discharge					2,090 +/- 400	< LLD
	Upstream of VY					2,640 +/- 520	< LLD
July 2010	Near VY Discharge	2,630 +/- 298	11 +/- 7	2,980 +/- 361	15 +/- 10		
	Upstream of VY	2,150+/- 510	< LLD	2,680 +/- 408	< LLD		
September 2010	Near VY Discharge	3,610 +/- 428	18 +/- 12	2,730 +/- 365	< LLD		
	Upstream of VY	3,490 +/- 434	21 +/- 9	3,100 +/- 403	< LLD		
October 2010	Near VY Discharge					2,610 +/- 470	< LLD
	Upstream of VY					2,880 +/- 510	< LLD
November 2010	Near VY Discharge	2,990 +/- 744	< LLD	2,850 +/- 528	< LLD		
	Upstream of VY	3,700 +/- 708	< LLD	2,410 +/- 403	< LLD		

< LLD means less than the Laboratory's Lower Limit of Detection

1. Edible and Inedible fish portions were tested by contract laboratory

2. Whole fish were tested by the Health Department Laboratory

2010 Connecticut River Fish Hard-to-Detect Results

Month Sample Collected	Location Sampled	Edible (flesh)				Inedible (bones, head, scales, guts)			
		Iron-55 +/- error (pCi/kg)	Nickel-63 +/- error (pCi/kg)	Strontium-89 +/- error (pCi/kg)	Strontium-90 +/- error (pCi/kg)	Iron-55 +/- error (pCi/kg)	Nickel-63 +/- error (pCi/kg)	Strontium-89 +/- error (pCi/kg)	Strontium-90 +/- error (pCi/kg)
February 2010	Near VY Discharge	N/A	N/A	N/A	< LLD	N/A	N/A	N/A	47 +/- 16
	Upstream of VY	N/A	N/A	N/A	< LLD	N/A	N/A	N/A	30 +/- 17
Apr/May 2010	Near VY Discharge	N/A	N/A	N/A	< LLD	N/A	N/A	N/A	50 +/- 18
	Upstream of VY	N/A	N/A	N/A	< LLD	N/A	N/A	N/A	77 +/- 16
June 2010	Near VY Discharge	< LLD	< LLD	< LLD	< LLD	< LLD	< LLD	< LLD	84 +/- 34
	Near VY Discharge	< LLD	< LLD	< LLD	< LLD	< LLD	< LLD	< LLD	< LLD
	Upstream of VY	< LLD	< LLD	< LLD	58 +/- 35	< LLD	< LLD	< LLD	255 +/- 48
July 2010	Near VY Discharge	< LLD	< LLD	< LLD	< LLD	< LLD	< LLD	< LLD	< LLD
	Upstream of VY	< LLD	< LLD	< LLD	< LLD	< LLD	< LLD	< LLD	65 +/- 37
August 2010	Near VY Discharge	< LLD	< LLD	< LLD	< LLD	< LLD	< LLD	< LLD	< LLD
	Upstream of VY	< LLD	< LLD	< LLD	< LLD	< LLD	< LLD	< LLD	28 +/- 19
September 2010	Near VY Discharge	< LLD	< LLD	< LLD	< LLD	< LLD	< LLD	< LLD	< LLD
	Upstream of VY	< LLD	< LLD	< LLD	< LLD	< LLD	< LLD	< LLD	51 +/- 35
October 2010	Near VY Discharge	< LLD	< LLD	< LLD	< LLD	< LLD	< LLD	< LLD	< LLD
	Upstream of VY	< LLD	< LLD	< LLD	< LLD	< LLD	< LLD	< LLD	101 +/- 31
November 2010	Near VY Discharge	< LLD	< LLD	< LLD	< LLD	< LLD	< LLD	< LLD	< LLD
	Near VY Discharge	< LLD	< LLD	< LLD	< LLD	< LLD	< LLD	< LLD	< LLD
	Upstream of VY	< LLD	< LLD	< LLD	< LLD	< LLD	< LLD	< LLD	< LLD
	Upstream of VY	< LLD	< LLD	< LLD	< LLD	< LLD	< LLD	< LLD	79 +/- 32

< LLD means less than the Laboratory's Lower Limit of Detection

N/A = samples were not analyzed for Fe-55, Ni-63, Sr-89