

Vermont Department of Health  
 -- Preliminary Fish Results --  
 February 3, 2012

<b>Edible</b> Portion Average Result (pCi/kg)					
Radionuclide	Lake Carmi	(number of positive results, number of tests)	2010-2011 Connecticut River	(number of positive results, number of tests)	2010-2011 Connecticut River Range
Potassium-40	2,630	(2,2)	3,080	(21, 21)	2,153 - 3,933
Cesium-137	52.8	(2,2)	18.5	(5, 21)	less than detection limit -25.2
Strontium-90	none detected	(0,2)	57.6	(1, 36)	less than detection limit - 58
<b>Inedible</b> Portion Average Result (pCi/kg)					
Radionuclide	Lake Carmi <sup>1</sup>	(number of positive results, number of tests)	2010-2011 Connecticut River	(number of positive results, number of tests)	2010-2011 Connecticut River Range
Potassium-40	2,310	(2,2)	2,600	(21, 21)	2,126 - 3,218
Cesium-137	33.6	(2,2)	14.5	(2, 21)	less than detection limit - 15.2
Strontium-90	54.6	(2,2)	68.7	(20, 36)	less than detection limit - 255
<sup>1</sup> Lake Carmi 'inedible' results are preliminary					
pCi/kg: picocuries per kilogram					
Results reported on wet weight					
Cesium-137 detection limit is 10 pCi/kg (approximate)					
Strontium-90 detection limit is 50 pCi/kg (approximate)					