

Laboratory analyses for soil samples collected February 26, 2010
at locations along the Vermont Yankee Advanced Off Gas Pipe Tunnel leak pathway

Sample Location		VT Department of Health Results (pCi/kg)				VDH contracted Lab Results (pCi/kg)	Vermont Yankee Results (pCi/Kg)			
AOG Reference Site Number	Depth	Mn 54	Co 60	Zn 65	Cs 137	Sr 90	Mn 54	Co 60	Zn 65	Cs 137
1 (approx)	surface	< LLD	< LLD	< LLD	< LLD	TBD	< LLD	< LLD	< LLD	< LLD
	2ft below surface	< LLD	< LLD	< LLD	< LLD	TBD	< LLD	< LLD	< LLD	< LLD
	4ft below surface	< LLD	< LLD	< LLD	< LLD	TBD	< LLD	< LLD	< LLD	< LLD
	6ft below surface	< LLD	< LLD	< LLD	< LLD	TBD	< LLD	88.8	< LLD	< LLD
2 (approx)	surface	54.5	295	86.0	292	TBD	78.6	294	< LLD	280
	2ft below surface	< LLD	< LLD	< LLD	< LLD	TBD	< LLD	< LLD	< LLD	56.3
	4ft below surface	< LLD	< LLD	< LLD	< LLD	TBD	< LLD	< LLD	< LLD	< LLD
	6ft below surface	< LLD	< LLD	< LLD	< LLD	TBD	< LLD	< LLD	< LLD	< LLD
7 (approx)	surface	170	757	455	778	TBD	149	876	394	748
	2ft below surface	164	881	379	669	TBD	206	962	619	611
	4ft below surface	< LLD	183	< LLD	190	TBD	< LLD	< LLD	< LLD	1062
	6ft below surface	< LLD	< LLD	< LLD	1270	TBD	< LLD	308.0	231	311
SW Corner of area	4ft below surface	< LLD	< LLD	< LLD	< LLD	TBD	< LLD	< LLD	< LLD	< LLD
	6ft below surface	< LLD	< LLD	< LLD	< LLD	TBD	< LLD	< LLD	< LLD	< LLD
NW corner of area	4ft below surface	< LLD	< LLD	< LLD	692	TBD	< LLD	< LLD	< LLD	589
	6ft below surface	< LLD	< LLD	< LLD	1110	TBD	< LLD	< LLD	< LLD	843

Note: <LLD = Below the Lower Limit of Detection