

TABLE C-4. Tritium Concentrations in Atmospheric Moisture.

Sampling Group and Location	Start Date	Sampling Date	Result ± 1s Uncertainty			Result ± 1s Uncertainty			Collection Medium	Result > 3s
			(x 10 ⁻¹³ μCi/mL _{air})			(x 10 ⁻⁹ Bq/mL _{air})				
BOUNDARY										
ATOMIC CITY	02/21/2007	04/04/2007	8.00	±	0.98	29.60	±	3.64	Molecular Sieve	Y
ATOMIC CITY	04/04/2007	05/02/2007	6.28	±	1.07	23.25	±	3.97	Molecular Sieve	Y
ATOMIC CITY	05/02/2007	05/23/2007	9.29	±	1.62	34.37	±	5.99	Molecular Sieve	Y
ATOMIC CITY	05/23/2007	06/13/2007	8.82	±	1.71	32.65	±	6.33	Molecular Sieve	Y
DISTANT										
BLACKFOOT	02/19/2007	04/04/2007	4.80	±	0.91	17.77	±	3.37	Molecular Sieve	Y
BLACKFOOT	04/04/2007	05/02/2007	6.20	±	1.17	22.96	±	4.33	Molecular Sieve	Y
BLACKFOOT	05/02/2007	05/23/2007	10.16	±	1.81	37.60	±	6.68	Molecular Sieve	Y
BLACKFOOT	05/23/2007	06/13/2007	7.38	±	1.72	27.29	±	6.38	Molecular Sieve	Y
BLACKFOOT	06/13/2007	06/28/2007	12.32	±	2.38	45.57	±	8.81	Molecular Sieve	Y
IDAHO FALLS	02/27/2007	04/02/2007	3.77	±	1.10	13.96	±	4.08	Molecular Sieve	Y
IDAHO FALLS	04/02/2007	04/26/2007	8.17	±	1.36	30.25	±	5.04	Molecular Sieve	Y
IDAHO FALLS	04/26/2007	05/15/2007	9.22	±	1.80	34.10	±	6.65	Molecular Sieve	Y
IDAHO FALLS	05/15/2007	05/31/2007	8.42	±	2.01	31.16	±	7.43	Molecular Sieve	Y
IDAHO FALLS	05/31/2007	06/14/2007	12.39	±	2.61	45.83	±	9.66	Molecular Sieve	Y
IDAHO FALLS	06/14/2007	06/27/2007	15.10	±	2.86	55.87	±	10.58	Molecular Sieve	Y
REXBURG CMS	03/14/2007	04/04/2007	3.47	±	1.34	12.82	±	4.94	Molecular Sieve	
REXBURG CMS	04/04/2007	05/02/2007	5.97	±	1.18	22.08	±	4.37	Molecular Sieve	Y
REXBURG CMS	05/02/2007	05/23/2007	8.94	±	1.86	33.07	±	6.88	Molecular Sieve	Y
REXBURG CMS	05/23/2007	06/14/2007	8.44	±	1.72	31.24	±	6.35	Molecular Sieve	Y
REXBURG CMS	06/14/2007	06/27/2007	11.07	±	2.72	40.95	±	10.08	Molecular Sieve	Y