

Table C-4. Tritium Concentrations in Atmospheric Moisture

Sampling Group and Location	Start Date	Sampling Date	Result ± 1s Uncertainty			Result ± 1s Uncertainty			Result > 3s
			(x 10 ⁻¹³ μCi/mL _{air})			(x 10 ⁻⁹ Bq/mL _{air})			
BOUNDARY									
ATOMIC CITY	06/14/17	07/05/17	15.80	±	2.07	58.46	±	7.66	Yes
ATOMIC CITY	07/05/17	07/19/17	3.97	±	1.74	14.69	±	6.44	No
ATOMIC CITY	07/19/17	08/09/17	4.39	±	1.71	16.24	±	6.33	No
ATOMIC CITY	08/09/17	08/30/17	5.06	±	1.56	18.72	±	5.77	Yes
HOWE	06/28/17	07/12/17	3.39	±	1.07	12.54	±	3.96	Yes
HOWE	07/12/17	07/26/17	0.24	±	0.79	0.87	±	2.92	No
HOWE	07/26/17	08/09/17	5.31	±	0.90	19.65	±	3.32	Yes
HOWE	08/09/17	08/30/17	2.44	±	1.01	9.03	±	3.74	No
DISTANT									
IDAHO FALLS	06/28/17	07/26/17	3.13	±	1.20	11.58	±	4.44	No
IDAHO FALLS	07/26/17	08/09/17	6.32	±	2.19	23.38	±	8.10	No
IDAHO FALLS	08/09/17	08/23/17	7.53	±	1.98	27.86	±	7.33	Yes
IDAHO FALLS	08/23/17	09/06/17	6.96	±	2.11	25.75	±	7.81	Yes