

Table C-2. Weekly Iodine-131 Activity in Air.

Sampling Group and Location	Sampling Date	Result ± 1s Uncertainty (x 10 ⁻¹⁵ µCi/mL)		Result ± 1s Uncertainty (x 10 ⁻¹¹ Bq/mL)		Result > 3s
BOUNDARY						
ARCO	10/04/17	-1.07	± 0.91	-3.96	± 3.36	No
	10/11/17	-0.57	± 0.94	-2.09	± 3.49	No
	10/18/17	0.30	± 0.91	1.10	± 3.36	No
	10/25/17	0.82	± 0.89	3.02	± 3.29	No
	11/01/17	-0.80	± 1.54	-2.97	± 5.70	No
	11/08/17	-0.61	± 1.56	-2.25	± 5.77	No
	11/15/17	2.12	± 2.04	7.84	± 7.55	No
	11/21/17	-2.29	± 2.06	-8.47	± 7.62	No
	11/29/17	-0.09	± 1.37	-0.32	± 5.07	No
	12/06/17	1.27	± 1.57	4.70	± 5.81	No
	12/13/17	-0.41	± 1.61	-1.51	± 5.96	No
	12/19/17	1.29	± 1.82	4.77	± 6.73	No
	12/27/17	0.92	± 1.35	3.39	± 5.00	No
ATOMIC CITY	10/04/17	-1.12	± 0.95	-4.14	± 3.50	No
	10/11/17	-0.53	± 0.87	-1.94	± 3.23	No
	10/18/17	0.29	± 0.90	1.09	± 3.33	No
	10/25/17	0.80	± 0.88	2.97	± 3.24	No
	11/01/17	-0.86	± 1.65	-3.19	± 6.11	No
	11/08/17	-0.57	± 1.45	-2.09	± 5.37	No
	11/15/17	2.27	± 2.19	8.40	± 8.10	No
	11/21/17	-2.22	± 1.99	-8.21	± 7.36	No
	11/29/17	-0.09	± 1.43	-0.33	± 5.29	No
	12/06/17	1.27	± 1.57	4.70	± 5.81	No
	12/13/17	-0.40	± 1.58	-1.48	± 5.85	No
	12/19/17	1.20	± 1.70	4.44	± 6.29	No
	12/27/17	0.93	± 1.36	3.43	± 5.03	No
BLUE DOME	10/04/17	0.11	± 0.86	0.41	± 3.19	No
	10/11/17	2.03	± 1.01	7.51	± 3.74	No
	10/18/17	0.74	± 0.87	2.73	± 3.23	No
	10/25/17	3.11	± 2.07	11.51	± 7.66	No
	11/01/17	-0.03	± 2.10	-0.13	± 7.77	No
	11/08/17	-0.27	± 1.42	-1.00	± 5.25	No
	11/15/17	-0.75	± 1.47	-2.78	± 5.44	No
	11/21/17	-1.45	± 1.78	-5.37	± 6.59	No
	11/29/17	1.91	± 1.36	7.07	± 5.03	No
	12/06/17	-1.41	± 1.49	-5.22	± 5.51	No
	12/13/17	2.38	± 1.62	8.81	± 5.99	No
	12/19/17	-0.90	± 1.76	-3.34	± 6.51	No
	12/27/17	0.81	± 1.28	2.99	± 4.74	No
FAA TOWER	10/04/17	0.11	± 0.85	0.41	± 3.14	No
	10/11/17	2.00	± 0.99	7.40	± 3.66	No
	10/18/17	0.79	± 0.94	2.93	± 3.47	No
	10/25/17	3.30	± 2.20	12.21	± 8.14	No
	11/01/17	-0.03	± 2.08	-0.13	± 7.70	No
	11/08/17	-0.28	± 1.47	-1.04	± 5.44	No
	11/15/17	-0.77	± 1.50	-2.85	± 5.55	No
	11/21/17	-1.49	± 1.83	-5.51	± 6.77	No
	11/29/17	1.98	± 1.40	7.33	± 5.18	No
	12/06/17	-1.38	± 1.45	-5.11	± 5.37	No
	12/13/17	2.53	± 1.72	9.36	± 6.36	No

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Sampling Group and Location	Sampling Date	Result ± 1s Uncertainty		Result ± 1s Uncertainty			Result > 3s
		(x 10 ⁻¹⁵ µCi/mL)		(x 10 ⁻¹¹ Bq/mL)			
HOWE	12/19/17	-0.89	± 1.74	-3.30	± 6.44	No	
	12/27/17	0.77	± 1.23	2.86	± 4.55	No	
	10/04/17	0.11	± 0.87	0.42	± 3.21	No	
	10/11/17	2.05	± 1.02	7.59	± 3.77	No	
	10/18/17	0.73	± 0.86	2.70	± 3.19	No	
	10/25/17	2.98	± 1.98	11.03	± 7.33	No	
	11/01/17	-0.03	± 2.00	-0.12	± 7.40	No	
	11/08/17	-0.26	± 1.34	-0.95	± 4.96	No	
	11/15/17	-0.75	± 1.47	-2.78	± 5.44	No	
	11/21/17	-1.42	± 1.75	-5.25	± 6.48	No	
	11/29/17	1.94	± 1.38	7.18	± 5.11	No	
	12/06/17	-1.38	± 1.46	-5.11	± 5.40	No	
	12/13/17	2.22	± 1.51	8.21	± 5.59	No	
	12/19/17	-0.81	± 1.57	-2.98	± 5.81	No	
12/27/17	0.81	± 1.28	2.98	± 4.74	No		
MONTEVIEW	10/04/17	0.12	± 0.89	0.43	± 3.31	No	
	10/11/17	1.91	± 0.94	7.07	± 3.49	No	
	10/18/17	0.76	± 0.90	2.82	± 3.33	No	
	10/25/17	3.07	± 2.05	11.36	± 7.59	No	
	11/01/17	-0.03	± 2.04	-0.12	± 7.55	No	
	11/08/17	-0.28	± 1.48	-1.05	± 5.48	No	
	11/15/17	-0.79	± 1.53	-2.91	± 5.66	No	
	11/21/17	-1.49	± 1.83	-5.51	± 6.77	No	
	11/29/17	2.00	± 1.42	7.40	± 5.25	No	
	12/06/17	-1.43	± 1.51	-5.29	± 5.59	No	
	12/13/17	2.31	± 1.57	8.55	± 5.81	No	
	12/19/17	-0.83	± 1.61	-3.06	± 5.96	No	
	12/27/17	0.79	± 1.25	2.91	± 4.63	No	
	MUD LAKE	10/04/17	0.11	± 0.83	0.40	± 3.06	No
10/11/17		1.93	± 0.95	7.14	± 3.53	No	
10/18/17		0.73	± 0.86	2.70	± 3.19	No	
10/25/17		3.05	± 2.03	11.29	± 7.51	No	
11/01/17		-0.03	± 1.98	-0.12	± 7.33	No	
11/08/17		-0.28	± 1.46	-1.04	± 5.40	No	
11/15/17		-0.74	± 1.45	-2.75	± 5.37	No	
11/21/17		-1.46	± 1.79	-5.40	± 6.62	No	
11/29/17		1.91	± 1.35	7.07	± 5.00	No	
12/06/17		-1.35	± 1.42	-5.00	± 5.25	No	
12/13/17		2.28	± 1.55	8.44	± 5.74	No	
12/19/17		-0.86	± 1.67	-3.17	± 6.18	No	
12/27/17		0.76	± 1.21	2.83	± 4.48	No	
DISTANT							
BLACKFOOT	10/04/17	-1.01	± 0.86	-3.74	± 3.17	No	
	10/11/17	-0.54	± 0.90	-1.99	± 3.32	No	
	10/18/17	0.26	± 0.81	0.97	± 2.98	No	
	10/25/17	0.78	± 0.85	2.87	± 3.14	No	
	11/01/17	-0.82	± 1.58	-3.04	± 5.85	No	
	11/08/17	-0.55	± 1.40	-2.02	± 5.18	No	
	11/15/17	2.02	± 1.95	7.47	± 7.22	No	
	11/21/17	-2.05	± 1.84	-7.59	± 6.81	No	
11/29/17	-0.08	± 1.28	-0.30	± 4.74	No		

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Sampling Group and Location	Sampling Date	Result ± 1s Uncertainty		Result ± 1s Uncertainty			Result > 3s
		(x 10 ⁻¹⁵ µCi/mL)		(x 10 ⁻¹¹ Bq/mL)			
	12/06/17	1.30	± 1.60	4.81	± 5.92	No	
	12/13/17	-0.38	± 1.51	-1.41	± 5.59	No	
	12/19/17	1.24	± 1.75	4.59	± 6.48	No	
	12/27/17	0.99	± 1.45	3.66	± 5.37	No	
QA-1 (BLACKFOOT)	10/04/17	-1.06	± 0.90	-3.92	± 3.32	No	
	10/11/17	-0.53	± 0.89	-1.98	± 3.29	No	
	10/18/17	0.27	± 0.81	0.98	± 3.01	No	
	10/25/17	0.83	± 0.90	3.06	± 3.34	No	
	11/01/17	-0.85	± 1.63	-3.15	± 6.03	No	
	11/08/17	-0.56	± 1.44	-2.08	± 5.33	No	
	11/15/17	2.24	± 2.16	8.29	± 7.99	No	
	11/21/17	-2.09	± 1.88	-7.73	± 6.96	No	
	11/29/17	-0.08	± 1.21	-0.28	± 4.48	No	
	12/06/17	1.32	± 1.62	4.88	± 5.99	No	
	12/13/17	-0.41	± 1.64	-1.53	± 6.07	No	
	12/19/17	1.55	± 2.19	5.74	± 8.10	No	
	12/27/17	0.93	± 1.36	3.44	± 5.03	No	
CRATERS	10/04/17	-1.15	± 0.98	-4.26	± 3.61	No	
	10/11/17	-0.57	± 0.95	-2.10	± 3.50	No	
	10/18/17	0.31	± 0.94	1.14	± 3.48	No	
	10/25/17	0.87	± 0.95	3.23	± 3.53	No	
	11/01/17	-0.85	± 1.63	-3.13	± 6.03	No	
	11/08/17	-0.58	± 1.50	-2.16	± 5.55	No	
	11/15/17	2.35	± 2.26	8.70	± 8.36	No	
	11/21/17	-2.22	± 1.99	-8.21	± 7.36	No	
	11/29/17	-0.09	± 1.39	-0.32	± 5.14	No	
	12/06/17	1.32	± 1.63	4.88	± 6.03	No	
	12/13/17	-0.41	± 1.63	-1.52	± 6.03	No	
	12/19/17	1.22	± 1.72	4.51	± 6.36	No	
	12/27/17	0.91	± 1.34	3.37	± 4.96	No	
DUBOIS	10/04/17	0.11	± 0.83	0.40	± 3.07	No	
	10/11/17	2.10	± 1.04	7.77	± 3.85	No	
	10/18/17	0.84	± 0.99	3.09	± 3.66	No	
	10/25/17	3.13	± 2.08	11.58	± 7.70	No	
	11/01/17	-0.03	± 2.11	-0.13	± 7.81	No	
	11/08/17	-0.28	± 1.47	-1.04	± 5.44	No	
	11/15/17	-0.75	± 1.47	-2.79	± 5.44	No	
	11/21/17	-1.43	± 1.76	-5.29	± 6.51	No	
	11/29/17	1.91	± 1.36	7.07	± 5.03	No	
	12/06/17	-1.47	± 1.55	-5.44	± 5.74	No	
	12/13/17	2.44	± 1.65	9.03	± 6.11	No	
	12/19/17	-0.89	± 1.74	-3.31	± 6.44	No	
	12/27/17	0.82	± 1.30	3.03	± 4.81	No	
IDAHO FALLS	10/04/17	0.11	± 0.84	0.40	± 3.11	No	
	10/11/17	1.91	± 0.94	7.07	± 3.49	No	
	10/18/17	0.75	± 0.89	2.78	± 3.28	No	
	10/25/17	3.14	± 2.09	11.62	± 7.73	No	
	11/01/17	-0.04	± 2.14	-0.13	± 7.92	No	
	11/08/17	-0.27	± 1.42	-1.00	± 5.25	No	
	11/15/17	-0.77	± 1.50	-2.85	± 5.55	No	
	11/21/17	-1.45	± 1.78	-5.37	± 6.59	No	

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Sampling Group and Location	Sampling Date	Result ± 1s Uncertainty		Result ± 1s Uncertainty			Result > 3s
		(x 10 ⁻¹⁵ µCi/mL)		(x 10 ⁻¹¹ Bq/mL)			
	11/29/17	1.92	± 1.36	7.10	± 5.03		No
	12/06/17	-1.44	± 1.51	-5.33	± 5.59		No
	12/13/17	2.41	± 1.64	8.92	± 6.07		No
	12/19/17	-0.88	± 1.72	-3.27	± 6.36		No
	12/27/17	0.80	± 1.27	2.95	± 4.70		No
JACKSON	10/04/17	-1.05	± 0.89	-3.89	± 3.27		No
	10/11/17	-0.61	± 1.02	-2.27	± 3.77		No
	10/18/17	0.29	± 0.89	1.07	± 3.27		No
	10/25/17	0.81	± 0.88	2.98	± 3.25		No
	11/01/17	-0.78	± 1.49	-2.88	± 5.51		No
	11/08/17	-0.58	± 1.48	-2.13	± 5.48		No
	11/15/17	2.24	± 2.16	8.29	± 7.99		No
	11/21/17	-2.03	± 1.82	-7.51	± 6.73		No
	11/29/17	-0.08	± 1.31	-0.30	± 4.85		No
	12/06/17	1.18	± 1.46	4.37	± 5.40		No
	12/13/17	-0.40	± 1.56	-1.46	± 5.77		No
	12/19/17	1.05	± 1.48	3.89	± 5.48		No
	12/27/17	0.95	± 1.40	3.52	± 5.18		No
SUGAR CITY	10/04/17	0.11	± 0.81	0.39	± 2.98		No
	10/11/17	1.85	± 0.92	6.85	± 3.39		No
	10/18/17	0.67	± 0.80	2.49	± 2.95		No
	10/25/17	2.86	± 1.90	10.58	± 7.03		No
	11/01/17	-0.03	± 2.04	-0.12	± 7.55		No
	11/08/17	-0.28	± 1.45	-1.02	± 5.37		No
	11/15/17	-0.73	± 1.42	-2.69	± 5.25		No
	11/21/17	-1.40	± 1.72	-5.18	± 6.36		No
	11/29/17	1.86	± 1.32	6.88	± 4.88		No
	12/06/17	-1.26	± 1.33	-4.66	± 4.92		No
	12/13/17	2.30	± 1.57	8.51	± 5.81		No
	12/19/17	-0.88	± 1.72	-3.26	± 6.36		No
	12/27/17	0.76	± 1.21	2.81	± 4.48		No
QA-2 (SUGAR CITY)	10/04/17	0.11	± 0.83	0.40	± 3.06		No
	10/11/17	1.80	± 0.89	6.66	± 3.29		No
	10/18/17	0.75	± 0.89	2.77	± 3.27		No
	10/25/17	3.06	± 2.03	11.32	± 7.51		No
	11/01/17	-0.03	± 2.05	-0.12	± 7.59		No
	11/08/17	-0.26	± 1.38	-0.97	± 5.11		No
	11/15/17	-0.73	± 1.42	-2.69	± 5.25		No
	11/21/17	-1.39	± 1.70	-5.14	± 6.29		No
	11/29/17	1.81	± 1.29	6.70	± 4.77		No
	12/06/17	-1.25	± 1.31	-4.63	± 4.85		No
	12/13/17	2.26	± 1.54	8.36	± 5.70		No
	12/19/17	-0.87	± 1.69	-3.21	± 6.25		No
	12/27/17	0.76	± 1.21	2.81	± 4.48		No
INL SITE							
EFS	10/04/17	-0.84	± 0.71	-3.11	± 2.63		No
	10/11/17	-0.70	± 1.16	-2.58	± 4.29		No
	10/18/17	0.38	± 1.15	1.39	± 4.26		No
	10/25/17	1.11	± 1.21	4.11	± 4.48		No
	11/01/17	-1.03	± 1.97	-3.81	± 7.29		No
	11/08/17	-0.54	± 1.39	-2.01	± 5.14		No

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Sampling Group and Location	Sampling Date	Result ± 1s Uncertainty		Result ± 1s Uncertainty		Result > 3s
		(x 10 ⁻¹⁵ µCi/mL)		(x 10 ⁻¹¹ Bq/mL)		
	11/15/17	2.53	± 2.43	9.36	± 8.99	No
	11/21/17	-1.96	± 1.76	-7.25	± 6.51	No
	11/29/17	-0.09	± 1.42	-0.33	± 5.25	No
	12/06/17	1.42	± 1.74	5.25	± 6.44	No
	12/13/17	-0.43	± 1.70	-1.59	± 6.29	No
	12/19/17	1.39	± 1.96	5.14	± 7.25	No
	12/27/17	0.96	± 1.41	3.55	± 5.22	No
MAIN GATE	10/04/17	-1.14	± 0.96	-4.22	± 3.57	No
	10/11/17	-0.61	± 1.01	-2.24	± 3.74	No
	10/18/17	0.30	± 0.91	1.10	± 3.36	No
	10/25/17	0.83	± 0.90	3.06	± 3.34	No
	11/01/17	-0.84	± 1.62	-3.12	± 5.99	No
	11/08/17	-0.61	± 1.56	-2.25	± 5.77	No
	11/15/17	4.59	± 4.42	16.98	± 16.35	No
	11/21/17	-2.83	± 2.54	-10.47	± 9.40	No
	11/29/17	-0.09	± 1.40	-0.32	± 5.18	No
	12/06/17	1.28	± 1.58	4.74	± 5.85	No
	12/13/17	-0.41	± 1.64	-1.53	± 6.07	No
	12/19/17	1.29	± 1.82	4.77	± 6.73	No
	12/27/17	0.86	± 1.27	3.19	± 4.70	No
VAN BUREN GATE	10/04/17	-1.10	± 0.93	-4.07	± 3.43	No
	10/11/17	-0.57	± 0.95	-2.11	± 3.51	No
	10/18/17	0.30	± 0.91	1.10	± 3.35	No
	10/25/17	0.84	± 0.92	3.11	± 3.39	No
	11/01/17	-0.81	± 1.55	-2.99	± 5.74	No
	11/08/17	-0.58	± 1.49	-2.15	± 5.51	No
	11/15/17	2.38	± 2.29	8.81	± 8.47	No
	11/21/17	-2.10	± 1.89	-7.77	± 6.99	No
	11/29/17	-0.08	± 1.30	-0.30	± 4.81	No
	12/06/17	1.30	± 1.60	4.81	± 5.92	No
	12/13/17	-0.41	± 1.61	-1.51	± 5.96	No
	12/19/17	1.30	± 1.83	4.81	± 6.77	No
	12/27/17	0.92	± 1.35	3.40	± 5.00	No