

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)	
BOUNDARY					
ARCO	04/04/2007	-2.85	± 2.56	-10.56	± 9.46
	04/11/2007	0.28	± 2.34	1.05	± 8.67
	04/18/2007	0.24	± 2.10	0.88	± 7.77
	04/25/2007	0.85	± 2.17	3.16	± 8.04
	05/02/2007	-2.64	± 2.63	-9.78	± 9.74
	05/09/2007	-3.05	± 2.36	-11.29	± 8.74
	05/16/2007	-1.93	± 3.42	-7.12	± 12.67
	05/23/2007	0.95	± 2.56	3.51	± 9.47
	05/30/2007	-4.73	± 2.56	-17.50	± 9.46
	06/06/2007	-1.02	± 1.87	-3.77	± 6.91
	06/13/2007	-0.24	± 2.07	-0.88	± 7.65
	06/20/2007	-2.44	± 2.18	-9.01	± 8.07
	06/27/2007	-2.23	± 2.60	-8.27	± 9.62
	ATOMIC CITY	04/04/2007	-2.64	± 2.36	-9.76
a 04/11/2007		0.56	± 4.63	2.08	± 17.13
04/18/2007		0.20	± 1.77	0.74	± 6.56
04/25/2007		1.18	± 2.99	4.35	± 11.07
05/02/2007		-3.00	± 2.99	-11.10	± 11.05
a 05/09/2007		-8.88	± 6.87	-32.87	± 25.42
05/16/2007		-1.77	± 3.15	-6.55	± 11.65
05/23/2007		1.31	± 3.54	4.86	± 13.11
05/30/2007		-5.15	± 2.78	-19.06	± 10.30
06/06/2007		-0.81	± 1.49	-3.01	± 5.51
06/13/2007		-0.24	± 2.07	-0.88	± 7.66
06/20/2007		-3.47	± 3.10	-12.83	± 11.49
06/27/2007		-2.24	± 2.61	-8.30	± 9.66
BLUE DOME		04/04/2007	1.16	± 1.53	4.28
	04/11/2007	-0.78	± 1.64	-2.88	± 6.07
	04/18/2007	-0.25	± 1.08	-0.92	± 3.98
	04/25/2007	0.74	± 1.40	2.75	± 5.20
	a 05/02/2007	8.56	± 17.19	31.68	± 63.59
	05/09/2007	0.24	± 1.53	0.89	± 5.66
	05/16/2007	2.57	± 1.65	9.50	± 6.12
	05/23/2007	-0.98	± 1.82	-3.64	± 6.73
	05/30/2007	-1.68	± 1.24	-6.23	± 4.59
	06/06/2007	-0.18	± 2.48	-0.66	± 9.19
	06/13/2007	-3.19	± 1.55	-11.82	± 5.72
	06/20/2007	1.29	± 1.72	4.77	± 6.37
	06/27/2007	1.09	± 1.40	4.02	± 5.18
	FAA TOWER	04/04/2007	1.73	± 2.29	6.42
04/11/2007		-0.67	± 1.41	-2.47	± 5.21
04/18/2007		-0.40	± 1.74	-1.49	± 6.43
04/25/2007		0.84	± 1.59	3.12	± 5.89
05/02/2007		0.97	± 1.95	3.60	± 7.22
05/09/2007		0.27	± 1.69	0.98	± 6.24
a 05/16/2007		4.64	± 2.98	17.16	± 11.04
05/23/2007		-1.12	± 2.07	-4.15	± 7.66
05/30/2007		-2.37	± 1.75	-8.77	± 6.47

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Sampling Group and Location	Sampling Date	Result ± 1s Uncertainty (x 10 ⁻¹⁵ µCi/mL)			Result ± 1s Uncertainty (x 10 ⁻¹¹ Bq/mL)		
BOUNDARY							
	06/06/2007	-1.11	±	2.03	-4.11	±	7.52
a	06/13/2007	0.00	±	0.00	0.00	±	0.00
a	06/20/2007	2.23	±	2.99	8.27	±	11.05
	06/27/2007	1.52	±	1.95	5.61	±	7.23
HOWE							
	04/04/2007	1.07	±	1.41	3.95	±	5.21
	04/11/2007	-0.70	±	1.48	-2.59	±	5.46
	04/18/2007	-0.25	±	1.08	-0.93	±	4.00
	04/25/2007	0.79	±	1.48	2.91	±	5.49
	05/02/2007	0.71	±	1.42	2.61	±	5.24
	05/09/2007	0.25	±	1.56	0.91	±	5.78
	05/16/2007	2.29	±	1.48	8.48	±	5.46
	05/23/2007	-0.71	±	1.31	-2.62	±	4.83
	05/30/2007	-1.76	±	1.30	-6.52	±	4.81
	06/06/2007	-0.97	±	1.78	-3.60	±	6.58
	06/13/2007	-3.07	±	1.49	-11.34	±	5.49
	06/20/2007	0.97	±	1.30	3.61	±	4.82
	06/27/2007	1.01	±	1.30	3.74	±	4.81
MONTEVIEW							
	04/04/2007	1.01	±	1.34	3.75	±	4.96
	04/11/2007	-0.68	±	1.42	-2.50	±	5.27
	04/18/2007	-0.27	±	1.18	-1.01	±	4.36
	04/25/2007	0.97	±	1.83	3.58	±	6.76
	05/02/2007	0.68	±	1.37	2.52	±	5.05
	05/09/2007	0.23	±	1.45	0.84	±	5.35
	05/16/2007	2.17	±	1.40	8.04	±	5.18
	05/23/2007	-0.77	±	1.43	-2.87	±	5.30
	05/30/2007	-1.77	±	1.31	-6.56	±	4.84
	06/06/2007	-0.93	±	1.70	-3.44	±	6.30
	06/13/2007	-2.27	±	1.10	-8.39	±	4.06
	06/20/2007	1.21	±	1.61	4.47	±	5.97
	06/27/2007	0.98	±	1.26	3.61	±	4.65
MUD LAKE							
	04/04/2007	1.32	±	1.74	4.87	±	6.43
	04/11/2007	-0.66	±	1.40	-2.45	±	5.17
	04/18/2007	-0.36	±	1.55	-1.33	±	5.73
	04/25/2007	1.01	±	1.90	3.73	±	7.04
	05/02/2007	0.73	±	1.46	2.69	±	5.41
a	05/09/2007	0.56	±	3.57	2.08	±	13.19
	05/16/2007	2.47	±	1.59	9.14	±	5.88
	05/23/2007	-0.76	±	1.41	-2.82	±	5.21
	05/30/2007	-1.87	±	1.38	-6.92	±	5.11
	06/06/2007	-0.84	±	1.54	-3.11	±	5.69
	06/13/2007	-2.58	±	1.25	-9.53	±	4.62
	06/20/2007	1.43	±	1.91	5.29	±	7.08
	06/27/2007	1.08	±	1.40	4.01	±	5.16
QA-2							
	04/04/2007	1.17	±	1.55	4.34	±	5.73
	04/11/2007	-0.71	±	1.50	-2.63	±	5.55
	04/18/2007	-0.47	±	2.04	-1.75	±	7.55
	04/25/2007	0.68	±	1.29	2.53	±	4.77
	05/02/2007	0.89	±	1.78	3.29	±	6.60

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Sampling Group and Location	Sampling Date	Result ± 1s Uncertainty (x 10 ⁻¹⁵ µCi/mL)			Result ± 1s Uncertainty (x 10 ⁻¹¹ Bq/mL)		
BOUNDARY							
	05/09/2007	0.22	±	1.38	0.80	±	5.10
	05/16/2007	2.83	±	1.82	10.48	±	6.75
	05/23/2007	-0.75	±	1.38	-2.76	±	5.11
	05/30/2007	-2.28	±	1.68	-8.45	±	6.23
	06/06/2007	-1.02	±	1.87	-3.78	±	6.92
	06/13/2007	-2.75	±	1.33	-10.18	±	4.93
	06/20/2007	1.40	±	1.88	5.19	±	6.94
	06/27/2007	1.16	±	1.50	4.30	±	5.54
DISTANT							
BLACKFOOT CMS	04/04/2007	-2.40	±	2.15	-8.87	±	7.95
	04/11/2007	0.22	±	1.84	0.83	±	6.82
	04/18/2007	0.21	±	1.85	0.78	±	6.85
	04/25/2007	0.72	±	1.84	2.67	±	6.80
	05/02/2007	-2.07	±	2.06	-7.66	±	7.62
	05/09/2007	-2.26	±	1.75	-8.36	±	6.47
	05/16/2007	-1.33	±	2.37	-4.92	±	8.75
	05/23/2007	1.44	±	3.90	5.34	±	14.42
	05/30/2007	-3.86	±	2.09	-14.28	±	7.72
	06/06/2007	-0.91	±	1.66	-3.35	±	6.14
	06/13/2007	-0.22	±	1.86	-0.80	±	6.90
	06/20/2007	-2.17	±	1.94	-8.01	±	7.17
	06/27/2007	-1.77	±	2.06	-6.56	±	7.63
CRATERS	04/04/2007	-2.83	±	2.54	-10.47	±	9.38
	04/11/2007	0.28	±	2.33	1.05	±	8.61
	04/18/2007	0.26	±	2.30	0.96	±	8.50
	04/25/2007	0.98	±	2.50	3.63	±	9.24
	05/02/2007	-2.86	±	2.85	-10.59	±	10.54
	05/09/2007	-2.98	±	2.30	-11.01	±	8.52
	05/16/2007	-1.83	±	3.25	-6.76	±	12.02
	05/23/2007	1.07	±	2.89	3.96	±	10.68
	05/30/2007	-5.01	±	2.71	-18.54	±	10.02
	06/06/2007	-1.27	±	2.33	-4.70	±	8.61
	06/13/2007	-0.33	±	2.82	-1.21	±	10.44
	06/20/2007	-2.77	±	2.48	-10.24	±	9.17
	06/27/2007	-2.22	±	2.59	-8.23	±	9.58
DUBOIS	04/04/2007	1.10	±	1.45	4.05	±	5.35
a	04/11/2007	-2.33	±	4.92	-8.63	±	18.19
	04/18/2007	-0.29	±	1.26	-1.08	±	4.66
a	04/25/2007	4.03	±	7.61	14.90	±	28.16
a	05/02/2007	16.05	±	32.22	59.39	±	119.20
	05/09/2007	0.32	±	2.04	1.19	±	7.55
	05/16/2007	2.42	±	1.56	8.97	±	5.77
a	05/23/2007	-24.90	±	46.00	-92.14	±	170.20
	05/30/2007	-2.17	±	1.60	-8.01	±	5.91
	06/06/2007	-1.18	±	2.16	-4.37	±	8.00
	06/13/2007	-2.38	±	1.15	-8.82	±	4.27
	06/20/2007	0.00	±	0.00	0.00	±	0.00
	06/27/2007	1.23	±	1.59	4.57	±	5.89

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Sampling Group and Location	Sampling Date	Result ± 1s Uncertainty (x 10 ⁻¹⁵ µCi/mL)			Result ± 1s Uncertainty (x 10 ⁻¹¹ Bq/mL)		
BOUNDARY							
IDAHO FALLS	04/04/2007	1.38	±	1.82	5.10	±	6.73
	04/11/2007	-0.65	±	1.38	-2.42	±	5.09
	04/18/2007	-0.30	±	1.28	-1.10	±	4.74
	04/25/2007	0.87	±	1.65	3.22	±	6.09
	05/02/2007	0.69	±	1.38	2.55	±	5.12
	05/09/2007	0.27	±	1.71	0.99	±	6.31
	05/16/2007	2.68	±	1.73	9.92	±	6.38
	05/23/2007	-0.81	±	1.50	-3.01	±	5.56
	05/30/2007	-1.72	±	1.27	-6.35	±	4.69
	06/06/2007	-1.09	±	2.00	-4.04	±	7.40
	06/13/2007	-2.74	±	1.33	-10.13	±	4.91
	06/20/2007	1.25	±	1.67	4.61	±	6.17
	06/27/2007	1.23	±	1.59	4.56	±	5.87
JACKSON	04/04/2007	-3.03	±	2.72	-11.23	±	10.06
	04/11/2007	0.28	±	2.29	1.03	±	8.48
	04/18/2007	0.25	±	2.19	0.92	±	8.11
	04/25/2007	0.93	±	2.36	3.44	±	8.74
	05/02/2007	-2.37	±	2.36	-8.78	±	8.74
	05/09/2007	-3.29	±	2.54	-12.17	±	9.41
	05/16/2007	-1.37	±	2.43	-5.05	±	8.99
	05/23/2007	0.87	±	2.35	3.22	±	8.70
	05/30/2007	-4.61	±	2.49	-17.06	±	9.22
	06/06/2007	-1.09	±	1.99	-4.02	±	7.35
	a 06/13/2007	0.00	±	0.00	0.00	±	0.00
	06/20/2007	-3.13	±	2.80	-11.57	±	10.36
	06/27/2007	-2.15	±	2.50	-7.96	±	9.26
REXBURG CMS	04/04/2007	0.64	±	0.85	2.37	±	3.13
	04/11/2007	-0.77	±	1.63	-2.86	±	6.02
	04/18/2007	-0.33	±	1.40	-1.20	±	5.18
	04/25/2007	0.78	±	1.47	2.89	±	5.45
	05/02/2007	0.86	±	1.73	3.20	±	6.42
	05/09/2007	0.23	±	1.46	0.85	±	5.39
	a 05/16/2007	0.00	±	0.00	0.00	±	0.00
	05/23/2007	-0.94	±	1.74	-3.49	±	6.44
	05/30/2007	-2.13	±	1.57	-7.88	±	5.81
	06/06/2007	-0.81	±	1.49	-3.01	±	5.50
	06/13/2007	-2.63	±	1.28	-9.74	±	4.72
	06/20/2007	1.20	±	1.61	4.45	±	5.95
	06/27/2007	1.20	±	1.55	4.45	±	5.73
INL SITE							
EFS	04/04/2007	-3.17	±	2.84	-11.73	±	10.51
	04/11/2007	0.29	±	2.39	1.07	±	8.83
	04/18/2007	0.31	±	2.77	1.16	±	10.24
	04/25/2007	0.89	±	2.26	3.28	±	8.35
	05/02/2007	-2.25	±	2.24	-8.33	±	8.29
	05/09/2007	-3.70	±	2.86	-13.70	±	10.59
	05/16/2007	-1.86	±	3.30	-6.86	±	12.21
	05/23/2007	1.11	±	2.98	4.09	±	11.04

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Sampling Group and Location	Sampling Date	Result ± 1s Uncertainty (x 10 ⁻¹⁵ µCi/mL)			Result ± 1s Uncertainty (x 10 ⁻¹¹ Bq/mL)		
BOUNDARY							
	05/30/2007	-5.76	±	3.11	-21.32	±	11.52
	06/06/2007	-0.18	±	2.49	-0.66	±	9.22
	06/13/2007	-0.21	±	1.85	-0.79	±	6.86
	06/20/2007	-3.25	±	2.91	-12.03	±	10.77
	06/27/2007	-2.60	±	3.02	-9.61	±	11.18
QA-1	04/04/2007	-2.55	±	2.29	-9.43	±	8.46
	04/11/2007	0.25	±	2.03	0.91	±	7.49
	04/18/2007	0.23	±	2.00	0.84	±	7.41
	04/25/2007	0.82	±	2.10	3.05	±	7.76
	05/02/2007	-2.15	±	2.14	-7.96	±	7.93
	05/09/2007	-3.70	±	2.86	-13.69	±	10.59
	05/16/2007	-1.90	±	3.38	-7.03	±	12.50
	05/23/2007	1.45	±	3.91	5.37	±	14.48
	05/30/2007	-4.46	±	2.41	-16.48	±	8.91
	06/06/2007	-0.81	±	1.49	-3.01	±	5.50
	06/13/2007	-0.22	±	1.90	-0.81	±	7.04
	06/20/2007	-2.53	±	2.27	-9.37	±	8.39
	06/27/2007	-1.96	±	2.28	-7.26	±	8.45
MAIN GATE	04/04/2007	-3.03	±	2.71	-11.20	±	10.04
	04/11/2007	0.30	±	2.46	1.10	±	9.09
	04/18/2007	0.29	±	2.56	1.07	±	9.47
a	04/25/2007	3.62	±	9.20	13.38	±	34.04
	05/02/2007	-2.76	±	2.75	-10.21	±	10.17
	05/09/2007	-3.53	±	2.73	-13.04	±	10.09
	05/16/2007	-1.78	±	3.17	-6.59	±	11.73
	05/23/2007	1.07	±	2.89	3.96	±	10.69
	05/30/2007	-5.02	±	2.71	-18.59	±	10.05
	06/06/2007	-0.78	±	1.44	-2.90	±	5.31
	06/13/2007	-0.23	±	1.95	-0.84	±	7.23
	06/20/2007	-2.15	±	1.93	-7.97	±	7.13
	06/27/2007	-2.28	±	2.66	-8.45	±	9.83
VAN BUREN GATE	04/04/2007	-2.83	±	2.54	-10.48	±	9.39
	04/11/2007	0.28	±	2.27	1.02	±	8.41
	04/18/2007	0.25	±	2.17	0.91	±	8.02
	04/25/2007	0.82	±	2.09	3.04	±	7.74
	05/02/2007	-2.48	±	2.47	-9.17	±	9.13
	05/09/2007	-2.96	±	2.29	-10.96	±	8.48
	05/16/2007	-1.72	±	3.06	-6.36	±	11.31
	05/23/2007	1.25	±	3.38	4.64	±	12.52
	05/30/2007	-4.70	±	2.54	-17.37	±	9.39
	06/06/2007	-0.21	±	2.93	-0.77	±	10.83
	06/13/2007	-0.24	±	2.04	-0.87	±	7.55
	06/20/2007	-2.68	±	2.40	-9.91	±	8.87
	06/27/2007	-2.09	±	2.43	-7.73	±	9.00

a. Invalid Sample Result