

### Hi Vol Activity - 2014

Sampling Site	Sample Period	241Am Bq/Sample	241Am Bq/M3	239+240Pu Bq/Sample	239+240Pu Bq/M3	238Pu Bq/Sample	238Pu Bq/M3
<b>On Site</b>							
109 Yards NW of Exh. Shaft (32, 22', 22.75"N; 103, 47', 30.26"W; elev. 3,419)	1/9/14 - 1/29/14	n/d	n/d	n/d	n/d	n/d	n/d
	1/29/14 - 2/11/14	n/d	n/d	n/d	n/d	n/d	n/d
	2/11/14 - 2/18/14	1.299	0.0001152	0.115	0.0000101	0.004	0.0000004
	2/18/14 - 2/25/14	0.020	0.0000017	0.004	0.0000003	0.004	0.0000003
	2/25/14 - 3/4/14	0.007	0.0000006	n/d	n/d	n/d	n/d
	3/4/14 - 3/11/14	n/d	n/d	n/d	n/d	n/d	n/d
	3/11/14 - 3/21/14	0.013	0.0000009	n/d	n/d	n/d	n/d
	3/21/14 - 3/29/14	0.000	0.00000003	n/d	n/d	n/d	n/d
	3/29/14 - 4/4/14	0.001	0.0000002	n/d	n/d	n/d	n/d
	4/4/14 - 4/11/14	0.002	0.0000002	n/d	n/d	n/d	n/d
	4/11/14 - 4/19/14	0.010	0.0000008	0.002	0.0000002	n/d	n/d
	4/19/14 - 4/25/14	n/d	n/d	n/d	n/d	n/d	n/d
	4/25/14 - 5/2/14	0.005	0.0000004	0.005	0.0000005	n/d	n/d
	5/2/14 - 5/9/14	n/d	n/d	n/d	n/d	n/d	n/d
	5/9/14 - 5/16/14	n/d	n/d	0.001	0.0000001	n/d	n/d
	5/16/14 - 5/23/14	n/d	n/d	n/d	n/d	n/d	n/d
	5/23/14 - 6/6/14	0.004	0.0000002	n/d	n/d	n/d	n/d
	6/6/14 - 6/13/14	n/d	n/d	n/d	n/d	n/d	n/d
	6/13/14 - 6/20/14	n/d	n/d	n/d	n/d	n/d	n/d
	6/20/14 - 6/27/14	n/d	n/d	n/d	n/d	n/d	n/d
	6/27/14 - 7/3/14	n/d	n/d	n/d	n/d	n/d	n/d
	7/3/14 - 7/14/14	n/d	n/d	n/d	n/d	n/d	n/d
	7/14/14 - 7/23/14	n/d	n/d	n/d	n/d	n/d	n/d
	7/23/14 - 8/5/14	n/d	n/d	n/d	n/d	n/d	n/d
	8/5/14 - 8/15/14	n/d	n/d	n/d	n/d	n/d	n/d
	8/15/14 - 8/27/14	n/d	n/d	n/d	n/d	n/d	n/d
	8/27/14 - 9/5/14	n/d	n/d	n/d	n/d	n/d	n/d
	9/5/14 - 9/26/14	n/d	n/d	n/d	n/d	n/d	n/d
	9/26/14 - 10/8/14	n/d	n/d	n/d	n/d	n/d	n/d
	10/8/14 - 10/17/14	n/d	n/d	n/d	n/d	n/d	n/d
	10/17/14 - 10/24/14	0.129	0.0000114	0.010	0.0000008	n/d	n/d
	10/24/14 - 11/14/14	0.011	0.0000003	0.002	0.0000001	n/d	n/d
	11/14/14 - 12/3/14	0.002	0.0000001	n/d	n/d	n/d	n/d
	12/3/14 - 12/19/14	n/d	n/d	n/d	n/d	n/d	n/d
	12/19/14 - 1/6/15	n/d	n/d	n/d	n/d	n/d	n/d

n/d = no detection (results were below minimum detection concentrations)

Bq/M3 = Bq adjusted for flow volume using flow rate and time

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Sampling Site	Sample Period	241Am Bq/Sample	241Am Bq/M3	239+240Pu Bq/Sample	239+240Pu Bq/M3	238Pu Bq/Sample	238Pu Bq/M3
<b>Near Field</b>							
0.6 Miles NW of Exh. Shaft	1/9/14 - 1/29/14	n/d	n/d	0.0006	0.00000002	n/d	n/d
(32, 22', 39.69"N; 103, 47', 56.24"W; elev. 3,632)	1/29/14 - 2/11/14	n/d	n/d	n/d	n/d	n/d	n/d
	2/11/14 - 2/16/14	0.645	0.0000814	0.046	0.0000058	n/d	n/d
	2/16/14 - 2/18/14	0.007	0.0000022	n/d	n/d	n/d	n/d
	2/18/14 - 2/25/14	0.017	0.0000015	0.005	0.0000004	0.005	0.0000004
	2/25/14 - 3/4/14	0.004	0.0000004	0.001	0.0000001	n/d	n/d
	3/4/14 - 3/11/14	n/d	n/d	n/d	n/d	n/d	n/d
	3/11/14 - 3/21/14	0.002	0.0000001	n/d	n/d	n/d	n/d
	3/21/14 - 3/29/14	n/d	n/d	n/d	n/d	n/d	n/d
	3/29/14 - 4/4/14	0.001	0.0000001	n/d	n/d	n/d	n/d
	4/4/14 - 4/11/14	0.002	0.0000002	0.001	0.0000001	n/d	n/d
	4/11/14 - 4/19/14	n/d	n/d	0.002	0.0000001	n/d	n/d
	4/19/14 - 4/25/14	n/d	n/d	n/d	n/d	n/d	n/d
	4/25/14 - 5/2/14	n/d	n/d	0.003	0.0000003	n/d	n/d
	5/2/14 - 5/9/14	0.001	0.0000001	n/d	n/d	n/d	n/d
	5/9/14 - 5/16/14	n/d	n/d	n/d	n/d	n/d	n/d
	5/16/14 - 5/23/14	n/d	n/d	n/d	n/d	n/d	n/d
	5/23/14 - 6/6/14	n/d	n/d	n/d	n/d	n/d	n/d
	6/6/14 - 6/13/14	n/d	n/d	n/d	n/d	n/d	n/d
	6/13/14 - 6/20/14	n/d	n/d	n/d	n/d	n/d	n/d
	6/20/14 - 6/27/14	n/d	n/d	n/d	n/d	n/d	n/d
	6/27/14 - 7/3/14	n/d	n/d	n/d	n/d	n/d	n/d
	7/3/14 - 7/14/14	n/d	n/d	n/d	n/d	n/d	n/d
	7/14/14 - 7/23/14	n/d	n/d	n/d	n/d	n/d	n/d
	7/23/14 - 8/5/14	n/d	n/d	n/d	n/d	n/d	n/d
	8/5/14 - 8/15/14	n/d	n/d	n/d	n/d	n/d	n/d
	8/15/14 - 8/27/14	0.005	0.0000002	n/d	n/d	n/d	n/d
	8/27/14 - 9/5/14	n/d	n/d	n/d	n/d	n/d	n/d
	9/5/14 - 9/26/14	n/d	n/d	n/d	n/d	n/d	n/d
	9/26/14 - 10/8/14	n/d	n/d	n/d	n/d	n/d	n/d
	10/8/14 - 10/17/14	n/d	n/d	n/d	n/d	n/d	n/d
	10/17/14 - 10/24/14	0.020	0.0000017	n/d	n/d	n/d	n/d
	10/24/14 - 11/14/14	n/d	n/d	n/d	n/d	n/d	n/d
	11/14/14 - 12/3/14	n/d	n/d	n/d	n/d	n/d	n/d
	12/3/14 - 12/19/14	n/d	n/d	n/d	n/d	n/d	n/d
	12/19/14 - 1/6/15	n/d	n/d	n/d	n/d	n/d	n/d

n/d = no detection (results were below minimum detection concentrations)

Bq/M3 = Bq adjusted for flow volume using flow rate and time

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<b>Cactus Flats</b>							
11.8 Miles SE of Exh. Shaft	1/9/14 - 1/29/14	n/d	n/d	n/d	n/d	n/d	n/d
(32, 13', 5.54"N; 103, 41', 42.5"W; elev. 3,579)	1/29/14 - 2/11/14	n/d	n/d	n/d	n/d	n/d	n/d
	2/11/14 - 2/16/14	0.001	0.00000005	n/d	n/d	n/d	n/d
	2/16/14 - 2/18/14	0.005	0.0000014	n/d	n/d	n/d	n/d
	2/18/14 - 2/25/14	0.007	0.0000006	0.001	0.0000001	n/d	n/d
	2/25/14 - 3/4/14	n/d	n/d	n/d	n/d	n/d	n/d
	3/4/14 - 3/11/14	0.001	0.0000001	n/d	n/d	n/d	n/d
	3/11/14 - 3/21/14	0.002	0.0000001	0.002	0.0000001	0.001	0.0000001
	3/21/14 - 3/29/14	n/d	n/d	n/d	n/d	n/d	n/d
	3/29/14 - 4/4/14	n/d	n/d	n/d	n/d	n/d	n/d
	4/4/14 - 4/11/14	n/d	n/d	n/d	n/d	n/d	n/d
	4/11/14 - 4/19/14	0.002	0.0000001	n/d	n/d	n/d	n/d
	4/19/14 - 4/25/14	n/d	n/d	n/d	n/d	n/d	n/d
	4/25/14 - 5/2/14	n/d	n/d	n/d	n/d	n/d	n/d
	5/2/14 - 5/9/14	0.002	0.0000002	n/d	n/d	n/d	n/d
	5/9/14 - 5/16/14	n/d	n/d	n/d	n/d	n/d	n/d
	5/16/14 - 5/23/14	n/d	n/d	n/d	n/d	n/d	n/d
	5/23/14 - 6/6/14	n/d	n/d	n/d	n/d	n/d	n/d
	6/6/14 - 6/13/14	n/d	n/d	n/d	n/d	n/d	n/d
	6/13/14 - 6/20/14	n/d	n/d	n/d	n/d	n/d	n/d
	6/20/14 - 6/27/14	n/d	n/d	n/d	n/d	n/d	n/d
	6/27/14 - 7/3/14	n/d	n/d	n/d	n/d	n/d	n/d
	7/3/14 - 7/14/14	n/d	n/d	n/d	n/d	n/d	n/d
	7/14/14 - 7/23/14	n/d	n/d	n/d	n/d	n/d	n/d
	7/23/14 - 8/5/14	n/d	n/d	n/d	n/d	n/d	n/d
	8/5/14 - 8/15/14	n/d	n/d	n/d	n/d	n/d	n/d
	8/15/14 - 8/27/14	0.002	0.0000001	n/d	n/d	n/d	n/d
	8/27/14 - 9/5/14	n/d	n/d	n/d	n/d	n/d	n/d
	9/5/14 - 9/26/14	n/d	n/d	n/d	n/d	n/d	n/d
	9/26/14 - 10/8/14	n/d	n/d	n/d	n/d	n/d	n/d
	10/8/14 - 10/17/14	n/d	n/d	n/d	n/d	n/d	n/d
	10/17/14 - 10/24/14	n/d	n/d	n/d	n/d	n/d	n/d
	10/24/14 - 11/14/14	n/d	n/d	n/d	n/d	n/d	n/d
	11/14/14 - 12/3/14	n/d	n/d	n/d	n/d	n/d	n/d
	12/3/14 - 12/19/14	n/d	n/d	n/d	n/d	n/d	n/d
	12/19/14 - 1/6/15	n/d	n/d	n/d	n/d	n/d	n/d

n/d = no detection (results were below minimum detection concentrations)

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