

Hollinger Public Blast Report



Blast Pattern: 3334_088
Date: 7-Dec-19
Blast Time: 11:39
Blast Sign Activation: 7:20
Website Notification Time: 7:17

Blast Conditions

Ceiling Height: 9843 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 11 km/hr
Wind Direction: S
Temperature: -8.2 °C

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert:

Blast Siren Locations:

- 1: Hollinger Office
- 2: Shania Twain
- 3: Extendicare

	L_{Aeq}	L_{peak} dB
Comfort Inn:	49.7 LAeq	102.2 dB
Edwards:	47.8 LAeq	101.4 dB
Fred:	42.5 LAeq	107.9 dB
Hollinger Office:	53.2 LAeq	108.0 dB
Noah:	57.8 LAeq	107.0 dB
Sandy:	44.3 LAeq	105.6 dB
Water Tower:	50.2 LAeq	113.7 dB
Wilson:	49.7 LAeq	103.2 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.9	5.0	4.1	5.9
Edwards:	1.8	1.9	6.2	8.9
Hollinger Office:	3.7	5.7	9.4	13.6
Sandy:	2.3	3.9	4.6	8.4

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NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	0.7	2.4
Edwards:	2.1	5.4
Hollinger Office:	4.3	7.0
Sandy:	1.3	1.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.0	0.0	0.1
Hollinger Office:	1.4	0.6	1.6
Hollinger West:	0.3	0.1	0.3
Imerys:	1.9	1.5	1.3
Noah:	0.8	0.5	1.1
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	0.3	0.2	0.4
Water Tower:	1.2	1.0	1.2
Wilson:	0.8	0.7	0.7