

Hollinger Public Blast Report



Blast Pattern: 3322_009
Date: 16-Dec-19
Blast Time: 11:40
Blast Sign Activation: 7:38
Website Notification Time: 7:26

Blast Conditions

Ceiling Height: 6562 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 19 km/hr
Wind Direction: S
Temperature: -7.9 °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:	49.6 LAeq	107.2 dB
Edwards:	46.8 LAeq	103.9 dB
Fred:	41.4 LAeq	100.9 dB
Hollinger Office:	52.4 LAeq	110.9 dB
Noah:	56.6 LAeq	109.7 dB
Sandy:	43.5 LAeq	110.8 dB
Water Tower:	52.2 LAeq	123.8 dB
Wilson:	50.7 LAeq	107.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.3	3.5	2.5	2.8
Edwards:	2.9	3.2	6.2	9.1
Hollinger Office:	1.6	3.2	7.6	16.7
Sandy:	1.8	2.2	4.7	5.3

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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:	0.8	1.6
Edwards:	2.6	7.4
Hollinger Office:	6.5	27.3
Sandy:	3.3	4.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.3	0.3
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.5	0.6	0.8
Hollinger West:	1.1	0.5	1.7
Imerys:	1.1	0.8	1.0
Noah:	1.4	0.8	1.3
Moneta Pumping Station:	0.8	0.5	0.7
Sandy:	3.5	1.9	2.7
Water Tower:	1.6	1.3	1.5
Wilson:	2.8	2.9	3.6