

Hollinger Public Blast Report



Blast Pattern: 3322_252, 3310_003PS
Date: 31-Dec-19
Blast Time: 11:50
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 6561 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 6 km/hr
Wind Direction: SE
Temperature: -0.5 °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:	50.9 LAeq	96.6 dB
Edwards:	43.1 LAeq	92.3 dB
Fred:	39.2 LAeq	92.1 dB
Hollinger Office:	52.1 LAeq	103.4 dB
Noah:	57.6 LAeq	100.1 dB
Sandy:	41.5 LAeq	109.3 dB
Water Tower:	44.2 LAeq	113.2 dB
Wilson:	50.2 LAeq	106.2 dB

Dust Levels (µg/m³) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.5	4.8	4.7	5.0
Edwards:	4.5	4.9	5.6	6.2
Hollinger Office:	4.1	5.0	4.9	8.7
Sandy:	4.0	4.3	4.4	5.1

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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:	1.0	2.3
Edwards:	3.6	8.3
Hollinger Office:	11.0	26.4
Sandy:	2.1	3.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.2	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.3	0.3	0.4
Hollinger West:	0.7	0.5	1.4
Imerys:	0.4	0.6	0.9
Noah:	0.9	0.5	0.8
Moneta Pumping Station:	0.7	0.7	0.7
Sandy:	4.6	3.6	3.7
Water Tower:	1.2	1.2	1.1
Wilson:	1.9	1.8	2.2