

Hollinger Public Blast Report



Blast Pattern: 3322_001
Date: 28-Dec-19
Blast Time: 11:31
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 32808 ft
Boundary Layer Height: n/a m
Cloud Cover: 0% Clear
Wind Speed: 13 km/hr
Wind Direction: SW
Temperature: -0.4 °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:	56.7 LAeq	116.9 dB
Edwards:	48.6 LAeq	107.5 dB
Fred:	45.7 LAeq	112.8 dB
Hollinger Office:	56.3 LAeq	111.2 dB
Noah:	60.2 LAeq	113.9 dB
Sandy:	47.3 LAeq	108.4 dB
Water Tower:	56.2 LAeq	122.0 dB
Wilson:	55.4 LAeq	111.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.9	6.1	5.8	6.5
Edwards:	3.8	4.1	9.5	11.5
Hollinger Office:	17.5	28.5	22.8	40.3
Sandy:	3.0	5.4	8.5	13.6

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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:	0.3	1.2
Edwards:	2.3	3.9
Hollinger Office:	2.4	3.4
Sandy:	1.0	1.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.2	0.2	0.4
Hollinger West:	0.4	0.2	0.5
Imerys:	0.2	0.5	0.4
Noah:	0.5	0.3	0.4
Moneta Pumping Station:	0.6	0.3	0.6
Sandy:	3.0	1.4	3.0
Water Tower:	0.4	0.5	0.5
Wilson:	0.7	0.8	1.3