

Hollinger Public Blast Report



Blast Pattern: 3328_086PS
Date: 12-Dec-19
Blast Time: 11:42
Blast Sign Activation: 8:00
Website Notification Time: 7:45

Blast Conditions

Ceiling Height: 21981 ft
Boundary Layer Height: n/a m
Cloud Cover: 0% Clear
Wind Speed: 6 km/hr
Wind Direction: S
Temperature: -17.1 °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:	47.7 LAeq	100.2 dB
Edwards:	40.1 LAeq	90.4 dB
Fred:	37.1 LAeq	83.6 dB
Hollinger Office:	50.0 LAeq	105.4 dB
Noah:	55.9 LAeq	98.0 dB
Sandy:	39.3 LAeq	83.9 dB
Water Tower:	44.9 LAeq	96.2 dB
Wilson:	45.3 LAeq	98.9 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.3	6.1	3.1	4.2
Edwards:	3.9	4.7	9.0	13.2
Hollinger Office:	9.3	14.2	14.1	25.4
Sandy:	2.0	2.8	6.9	7.7

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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:	2.1	4.1
Edwards:	3.1	5.6
Hollinger Office:	26.8	63.6
Sandy:	5.7	7.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.3
Edwards:	0.1	0.0	0.1
Hollinger Office:	3.3	1.5	4.6
Hollinger West:	0.1	0.0	0.1
Imerys:			
Noah:	0.9	0.4	0.7
Moneta Pumping Station:	0.1	0.0	0.1
Sandy:	0.1	0.1	0.1
Water Tower:	0.4	0.2	0.3
Wilson:	0.5	0.3	0.5