

Hollinger Public Blast Report



Blast Pattern: 3334_107, 3334_108
Date: 13-Oct-19
Blast Time: 11:37
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 700 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 15 km/hr
Wind Direction: SW
Temperature: 2.8 °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:	55.7 LAeq	107.3 dB
Edwards:	51.6 LAeq	101.5 dB
Fred:	46.3 LAeq	99.3 dB
Hollinger Office:	55.7 LAeq	114.0 dB
Noah:	63.2 LAeq	109.2 dB
Sandy:	46.4 LAeq	102.4 dB
Water Tower:	48.9 LAeq	115.9 dB
Wilson:	49.3 LAeq	99.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	21.7	22.0		
Edwards:	4.4	6.9	6.0	13.2
Hollinger Office:	47.1	110.2	40.8	104.6
Sandy:	2.5	4.5	3.3	4.5

Hollinger Public Blast Report



NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	1.4	3.7
Edwards:	3.9	6.4
Hollinger Office:	6.7	10.0
Sandy:	3.1	3.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.2	0.6
Edwards:	0.2	0.1	0.2
Hollinger Office:	0.6	0.2	0.6
Hollinger West:	0.2	0.2	0.2
Imerys:	0.4	0.3	0.6
Noah:	0.7	0.2	0.5
Moneta Pumping Station:	0.7	0.4	0.5
Sandy:	0.6	0.3	0.5
Water Tower:	0.3	0.2	0.5
Wilson:	1.3	0.7	2.1