

Hollinger Public Blast Report



Blast Pattern: 3346_177
Date: 8-Sep-19
Blast Time: 11:40
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 2700 ft
Boundary Layer Height: n/a m
Cloud Cover: 75% Cloudy
Wind Speed: 11 km/hr
Wind Direction: NW
Temperature: 8.8 °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:	55.6 LAeq	105.2 dB
Edwards:	49.6 LAeq	98.8 dB
Fred:	44.4 LAeq	98.9 dB
Hollinger Office:	56.5 LAeq	108.9 dB
Noah:	61.4 LAeq	104.9 dB
Sandy:	44.1 LAeq	107.9 dB
Water Tower:	49.3 LAeq	110.9 dB
Wilson:	48.2 LAeq	105.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.2	8.8		
Edwards:	2.0	2.3	4.4	6.2
Hollinger Office:	1.4	1.7	4.7	5.8
Sandy:	4.9	8.3	5.6	9.9

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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:	0.0	0.0
Edwards:	1.0	1.5
Hollinger Office:	1.0	1.5
Sandy:	5.5	8.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.7	0.3	0.6
Edwards:	0.3	0.2	0.4
Hollinger Office:	0.3	0.1	0.2
Hollinger West:	0.1	0.0	0.1
Imerys:	0.4	0.2	0.3
Noah:	0.2	0.4	0.2
Moneta Pumping Station:	0.3	0.2	0.3
Sandy:	0.2	0.1	0.1
Water Tower:	0.1	0.1	0.2
Wilson:	0.2	0.2	0.2