

Hollinger Public Blast Report



Blast Pattern: 3328_029
Date: 29-Oct-19
Blast Time: 15:47
Blast Sign Activation: 8:18
Website Notification Time: 8:08

Blast Conditions

Ceiling Height: 400 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 7 km/hr
Wind Direction: W
Temperature: 1.5 °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:	56.2 LAeq	104.6 dB
Edwards:	50.0 LAeq	98.5 dB
Fred:	43.0 LAeq	89.4 dB
Hollinger Office:	56.7 LAeq	108.0 dB
Noah:	67.4 LAeq	109.6 dB
Sandy:	46.6 LAeq	104.5 dB
Water Tower:	48.4 LAeq	115.1 dB
Wilson:	48.1 LAeq	111.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.1	6.9	4.8	6.9
Edwards:	6.9	10.9	13.5	24.6
Hollinger Office:	3.9	10.9	7.8	15.9
Sandy:	2.2	3.0	4.0	5.8

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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:	3.7	6.1
Edwards:	6.9	14.3
Hollinger Office:	6.3	7.0
Sandy:	4.0	5.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.0	0.0
Edwards:	0.0	0.0	0.0
Hollinger Office:	0.3	0.2	0.2
Hollinger West:	4.5	2.5	3.3
Imerys:	0.7	0.6	0.9
Noah:	3.7	2.2	2.0
Moneta Pumping Station:	0.7	0.5	0.6
Sandy:	1.2	0.8	1.2
Water Tower:	1.0	0.7	1.2
Wilson:	3.1	3.9	3.2