

Hollinger Public Blast Report

Blast Pattern: 3310_045
Date: 11-Dec-20
Blast Time: 11:33
Blast Sign Activation: 8:10
Website Notification Time: 7:45

Blast Conditions

Ceiling Height: 1640 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 19
Wind Direction: N
Temperature: -3.9 °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:	61.4 LAeq	105.9 dB
Edwards:	53.1 LAeq	98.6 dB
Fred:	45.0 LAeq	101.3 dB
Hollinger Office:	58.2 LAeq	113.4 dB
Noah:	63.5 LAeq	108.0 dB
Sandy:	44.6 LAeq	107.1 dB
Water Tower:	51.1 LAeq	121.6 dB
Wilson:	50.5 LAeq	107.7 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.0	6.4	2.3	2.7
Edwards:	1.6	1.8	5.5	5.7
Hollinger Office:	1.2	1.4	4.9	5.3
Sandy:	2.0	2.2	2.7	3.0

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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	0.6
Edwards:	0.9	2.0
Hollinger Office:	6.3	9.6
Sandy:	3.6	9.4

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	0.3	0.2
Hollinger West:	1.6	1.9	1.7
Imerys:	0.2	0.4	0.2
Noah:	0.4	0.7	0.4
Moneta Pumping Station:	0.7	0.4	0.5
Sandy:	6.0	4.6	4.3
Water Tower:	1.0	1.1	1.0
Wilson:	0.8	1.0	1.2