

Hollinger Public Blast Report

Blast Pattern: 3322_031 / 3310_002PS
Date: 21-Jan-20
Blast Time: 11:52
Blast Sign Activation: 8:15
Website Notification Time: 8:02

Blast Conditions

Ceiling Height: 1312 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 17 km/hr
Wind Direction: W
Temperature: -3.3 °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:	56.3 LAeq	116.0 dB
Edwards:	50.8 LAeq	110.7 dB
Fred:	44.5 LAeq	110.2 dB
Hollinger Office:	56.0 LAeq	110.4 dB
Noah:	59.5 LAeq	111.8 dB
Sandy:	47.2 LAeq	107.6 dB
Water Tower:	56.4 LAeq	122.7 dB
Wilson:	54.2 LAeq	110.9 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.8	4.2	3.6	4.1
Edwards:	2.7	3.3	7.4	13.9
Hollinger Office:	2.2	2.7	4.3	6.1
Sandy:	1.6	1.6	4.9	5.5

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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:	0.4	1.0
Edwards:	4.1	7.4
Hollinger Office:	2.0	2.3
Sandy:	3.2	4.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.0	0.0	0.0
Edwards:	0.1	0.0	0.1
Hollinger Office:	0.1	0.1	0.1
Hollinger West:	0.2	0.3	0.4
Imerys:	0.1	0.1	0.1
Noah:	0.4	0.3	0.5
Moneta Pumping Station:	0.6	0.4	0.5
Sandy:	4.6	2.2	1.9
Water Tower:	0.3	0.6	0.3
Wilson:	0.7	0.5	0.7