

Hollinger Public Blast Report

Blast Pattern: 3304_018, 3310_215PS
Date: 28-Dec-20
Blast Time: 11:35
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1640 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 7
Wind Direction: NNW
Temperature: 15.2 °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:	52.1 LAeq	115.0 dB
Edwards:	48.1 LAeq	108.7 dB
Fred:	43.4 LAeq	106.5 dB
Hollinger Office:	63.3 LAeq	119.0 dB
Noah:	57.5 LAeq	107.1 dB
Sandy:	44.6 LAeq	111.0 dB
Water Tower:	49.2 LAeq	112.5 dB
Wilson:	47.9 LAeq	110.7 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	14.5	14.6	1.6	1.8
Edwards:	7.7	9.1	8.3	8.7
Hollinger Office:	11.3	16.4	7.2	7.9
Sandy:	10.2	11.5	8.3	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:	0.5	0.7
Edwards:	1.4	2.6
Hollinger Office:	3.0	4.5
Sandy:	3.5	4.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.8	0.3	0.7
Edwards:	0.1	0.1	0.1
Hollinger Office:	3.5	2.1	4.5
Hollinger West:	0.4	0.6	0.4
Imerys:	1.5	1.2	1.6
Noah:	1.4	1.0	1.4
Moneta Pumping Station:	0.4	0.4	0.4
Sandy:	2.0	1.0	1.8
Water Tower:	1.5	3.0	1.4
Wilson:	1.6	1.1	2.2