

Hollinger Public Blast Report

Blast Pattern: 3322_095, 3292_212
Date: 4-Feb-21
Blast Time: 13:43
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1343 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 19
Wind Direction: S
Temperature: 1 °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:	54.5 LAeq	108.1 dB
Edwards:	44.3 LAeq	103.3 dB
Fred:	43.9 LAeq	105.9 dB
Hollinger Office:	54.6 LAeq	110.7 dB
Noah:	59.2 LAeq	103.0 dB
Sandy:	48.3 LAeq	105.3 dB
Water Tower:	50.7 LAeq	111.8 dB
Wilson:	55.0 LAeq	104.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.3	8.4	4.1	6.6
Edwards:	1.3	1.9	6.2	7.2
Hollinger Office:	0.0	0.0	9.7	16.2
Sandy:	1.7	2.4	4.1	6.4

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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:	4.2	9.5
Edwards:	1.1	2.3
Hollinger Office:	4.8	9.7
Sandy:	2.6	3.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.0	1.6	2.0
Edwards:	0.3	0.2	0.2
Hollinger Office:	0.4	0.5	0.5
Hollinger West:			
Imerys:	0.7	0.4	0.6
Noah:	0.9	0.8	0.6
Moneta Pumping Station:	0.8	0.6	0.5
Sandy:	2.2	1.4	2.4
Water Tower:	0.6	0.7	0.7
Wilson:	2.3	2.2	2.1