

Hollinger Public Blast Report

Blast Pattern: 3286_021
Date: 18-Oct-21
Blast Time: 11:32
Blast Sign Activation: 7:17
Website Notification Time: 7:03

Blast Conditions

Ceiling Height: 656 ft
 Boundary Layer Height: n/a m
 Cloud Cover: 100% Overcast Rain
 Wind Speed: 15
 Wind Direction: NW
 Temperature: 3.2 °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:	58.7 LAeq	105.9 dB
Edwards:	52.0 LAeq	96.9 dB
Fred:	50.1 LAeq	103.9 dB
Hollinger Office:	58.4 LAeq	102.0 dB
Noah:	63.2 LAeq	103.7 dB
Sandy:	46.2 LAeq	109.5 dB
Water Tower:	52.1 LAeq	113.6 dB
Wilson:	51.4 LAeq	102.9 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	0.0	0.3	1.6	2.3
Edwards:	1.8	3.7	2.9	6.0
Hollinger Office:	2.2	2.5	3.7	8.8
Sandy:	1.8	4.4	3.8	10.4

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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:	0.5	0.6
Edwards:	0.3	1.0
Hollinger Office:	7.3	8.4
Sandy:	4.8	19.8

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:	0.4	0.1	0.3
Hollinger West:	1.2	0.4	1.0
Imerys:	0.7	0.7	0.6
Noah:	0.0	0.0	0.0
Moneta Pumping Station:	1.2	0.7	0.8
Sandy:	0.0	0.0	0.0
Water Tower:	1.1	0.6	1.6
Wilson:	1.4	1.4	1.8