

Hollinger Public Blast Report

Blast Pattern: 3316_091
Date: 13-Sep-21
Blast Time: 11:35
Blast Sign Activation: 7:45
Website Notification Time: 7:40

Blast Conditions

Ceiling Height: 1,640 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 6
Wind Direction: NW
Temperature: 12.8 °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:	56.1 LAeq	107.2 dB
Edwards:	53.9 LAeq	98.3 dB
Fred:	44.6 LAeq	96.8 dB
Hollinger Office:	57.9 LAeq	113.2 dB
Noah:	60.8 LAeq	107.8 dB
Sandy:	43.7 LAeq	106.1 dB
Water Tower:	50.1 LAeq	119.8 dB
Wilson:	52.4 LAeq	105.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.9	4.0	0.8	1.4
Edwards:	4.3	4.7	1.5	2.9
Hollinger Office:	6.7	9.4	7.5	24.1
Sandy:	2.0	2.9	4.3	7.0

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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:	0.4	0.6
Edwards:	0.2	0.8
Hollinger Office:	5.2	7.8
Sandy:	1.7	4.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.5	0.6
Edwards:	0.3	0.2	0.3
Hollinger Office:	0.8	0.7	0.7
Hollinger West:	0.7	0.3	0.5
Imerys:	1.5	1.1	1.0
Noah:	0.0	0.0	0.0
Moneta Pumping Station:	1.0	0.5	1.2
Sandy:	0.9	0.7	1.3
Water Tower:	0.6	0.8	1.2
Wilson:	3.1	2.2	2.4