

Hollinger Public Blast Report

Blast Pattern: 3316_092
Date: 21-Oct-21
Blast Time: 11:35
Blast Sign Activation: 7:20
Website Notification Time: 7:10

Blast Conditions

Ceiling Height: 1,312 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 11
Wind Direction: N
Temperature: -0.5 °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	108.8 dB
Edwards:	50.2 LAeq	97.6 dB
Fred:	46.7 LAeq	102.2 dB
Hollinger Office:	62.8 LAeq	110.0 dB
Noah:	62.1 LAeq	102.0 dB
Sandy:	43.6 LAeq	108.8 dB
Water Tower:	0.0 LAeq	0.0 dB
Wilson:	52.8 LAeq	107.3 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	0.0	0.3	0.0	0.1
Edwards:	2.0	2.8	4.0	5.0
Hollinger Office:	9.1	9.9	5.3	8.4
Sandy:	4.7	9.8	12.0	29.1

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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:	0.3	0.5
Edwards:	0.5	0.9
Hollinger Office:	9.0	11.9
Sandy:	9.0	25.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.8	0.1	0.5
Hollinger West:	0.8	0.1	0.8
Imerys:	0.5	0.4	0.4
Noah:	0.0	0.0	0.0
Moneta Pumping Station:	1.2	0.7	0.9
Sandy:	0.0	0.0	0.0
Water Tower:	0.6	0.2	0.9
Wilson:	0.7	0.9	0.9