

Hollinger Public Blast Report

Blast Pattern: 3316_069
Date: 21-Jun-21
Blast Time: 11:40
Blast Sign Activation: 8:00
Website Notification Time: 8:12

Blast Conditions

Ceiling Height: 300 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Rain
Wind Speed: 7
Wind Direction: N
Temperature: 12.5 °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:	61.0 LAeq	111.9 dB
Edwards:	57.6 LAeq	102.6 dB
Fred:	51.6 LAeq	103.6 dB
Hollinger Office:	59.3 LAeq	115.0 dB
Noah:	64.4 LAeq	105.9 dB
Sandy:	52.8 LAeq	108.9 dB
Water Tower:	55.6 LAeq	114.8 dB
Wilson:	52.8 LAeq	108.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.3	6.2	25.6	26.8
Edwards:	5.5	6.4	16.6	18.7
Hollinger Office:	8.7	9.5	16.0	19.0
Sandy:	4.8	12.5	19.1	48.5

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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:	0.9	1.6
Edwards:	0.5	0.8
Hollinger Office:	4.6	6.9
Sandy:	8.0	51.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.7	0.4	1.5
Edwards:	0.2	0.1	0.2
Hollinger Office:	0.8	0.2	0.6
Hollinger West:	0.3	0.1	0.4
Imerys:	1.6	0.3	0.8
Noah:	0.0	0.0	0.0
Moneta Pumping Station:	0.5	0.2	0.5
Sandy:	0.4	0.3	0.4
Water Tower:	0.3	0.2	0.3
Wilson:	0.7	1.0	0.8