

Hollinger Public Blast Report

Blast Pattern: 3316_053
Date: 4-May-21
Blast Time: 11:36
Blast Sign Activation: 7:30
Website Notification Time: 7:02

Blast Conditions

Ceiling Height: 5249 ft
Boundary Layer Height: n/a m
Cloud Cover: 75% Cloudy
Wind Speed: 15
Wind Direction: SE
Temperature: 5.8 °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:	57.4 LAeq	105.7 dB
Edwards:	55.3 LAeq	104.4 dB
Fred:	46.4 LAeq	104.0 dB
Hollinger Office:	60.9 LAeq	111.9 dB
Noah:	61.4 LAeq	107.9 dB
Sandy:	47.8 LAeq	107.0 dB
Water Tower:	53.1 LAeq	109.9 dB
Wilson:	53.4 LAeq	104.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.6	8.8	10.4	10.7
Edwards:	5.8	6.0	3.0	3.6
Hollinger Office:	6.9	7.4	3.1	3.9
Sandy:	0.0	0.0	4.1	6.7

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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:	1.2	1.7
Edwards:	1.8	4.0
Hollinger Office:	1.4	2.1
Sandy:	4.2	11.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.1	0.1	0.2
Hollinger Office:	0.8	0.3	0.8
Hollinger West:	0.5	0.2	0.5
Imerys:	0.6	0.7	0.9
Noah:	1.0	0.4	0.9
Moneta Pumping Station:	1.0	0.6	1.0
Sandy:	1.1	0.7	1.4
Water Tower:	0.9	0.6	1.9
Wilson:	1.4	1.1	1.4