

Hollinger Public Blast Report

Blast Pattern: 3304_004
Date: 13-Nov-20
Blast Time: 11:38
Blast Sign Activation: 7:20
Website Notification Time: 7:22

Blast Conditions

Ceiling Height: 200 ft
Boundary Layer Height: n/a m
Cloud Cover: 75% Cloudy
Wind Speed: 15 km/hr
Wind Direction: N
Temperature: 0.4 °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:	59.6 LAeq	101.4 dB
Edwards:	51.6 LAeq	104.0 dB
Fred:	48.1 LAeq	110.0 dB
Hollinger Office:	59.8 LAeq	105.3 dB
Noah:	63.6 LAeq	103.8 dB
Sandy:	46.4 LAeq	107.9 dB
Water Tower:	51.8 LAeq	113.7 dB
Wilson:	49.5 LAeq	108.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.7	7.0	5.4	7.3
Edwards:	3.0	6.0	3.8	7.8
Hollinger Office:	4.9	7.8	6.6	10.8
Sandy:	4.7	8.5	12.7	23.8

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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:	0.7	0.9
Edwards:	3.3	6.4
Hollinger Office:	4.5	11.2
Sandy:	3.9	7.1

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:	0.0	0.0	0.1
Hollinger Office:	0.2	0.1	0.2
Hollinger West:	2.1	0.8	1.6
Imerys:	0.4	0.4	0.4
Noah:	0.4	0.5	0.5
Moneta Pumping Station:	0.7	0.7	0.7
Sandy:	2.4	1.2	3.0
Water Tower:	0.7	0.4	0.7
Wilson:	2.4	2.4	3.3