

Hollinger Public Blast Report

Blast Pattern: 3322_060
Date: 13-Mar-20
Blast Time: 15:43
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1312 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Rain
Wind Speed: 30 km/hr
Wind Direction: W
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:	58.9 LAeq	121.7 dB
Edwards:	57.4 LAeq	119.7 dB
Fred:	52.6 LAeq	118.7 dB
Hollinger Office:	61.0 LAeq	121.7 dB
Noah:	63.5 LAeq	120.9 dB
Sandy:	48.7 LAeq	117.6 dB
Water Tower:	58.2 LAeq	126.8 dB
Wilson:	55.4 LAeq	119.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.0	5.5	6.1	6.8
Edwards:	4.5	5.1	10.7	13.2
Hollinger Office:	8.3	11.4	11.1	17.2
Sandy:	2.1	2.7	7.1	10.4

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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:	1.9	3.1
Edwards:	3.2	7.0
Hollinger Office:	3.4	5.6
Sandy:	1.7	2.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.3	0.3	0.3
Hollinger West:	2.0	0.9	1.8
Imerys:	0.7	1.2	1.2
Noah:	1.7	1.1	2.3
Moneta Pumping Station:	0.3	0.2	0.3
Sandy:	0.7	0.3	0.5
Water Tower:	2.7	2.4	1.9
Wilson:	3.0	2.0	2.4