

Hollinger Public Blast Report

Blast Pattern: 3322_033
Date: 3-Apr-20
Blast Time: 11:34
Blast Sign Activation: 7:35
Website Notification Time: 7:31

Blast Conditions

Ceiling Height: 2296 ft
Boundary Layer Height: n/a m
Cloud Cover: 75% Cloudy
Wind Speed: 7 km/hr
Wind Direction: N
Temperature: 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:	52.6 LAeq	100.4 dB
Edwards:	52.4 LAeq	93.0 dB
Fred:	39.9 LAeq	91.3 dB
Hollinger Office:	55.1 LAeq	104.8 dB
Noah:	59.8 LAeq	102.1 dB
Sandy:	40.8 LAeq	103.8 dB
Water Tower:	48.7 LAeq	115.8 dB
Wilson:	49.1 LAeq	101.7 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.6	7.3	6.6	8.5
Edwards:	8.7	10.5	19.5	25.2
Hollinger Office:	12.9	19.8	24.3	47.7
Sandy:	4.1	5.0	6.1	7.0

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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:	0.1	0.2
Edwards:	1.0	1.5
Hollinger Office:	3.2	13.0
Sandy:	3.7	23.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.0	0.0	0.0
Edwards:	0.0	0.0	0.0
Hollinger Office:	0.1	0.1	0.1
Hollinger West:	0.5	0.4	0.5
Imerys:	0.1	0.2	0.1
Noah:	0.3	0.4	0.5
Moneta Pumping Station:	0.4	0.4	0.4
Sandy:	4.1	2.1	2.7
Water Tower:	0.4	0.4	0.2
Wilson:	0.9	1.2	1.2