

Hollinger Public Blast Report

Blast Pattern: 3322_065
Date: 10-Apr-20
Blast Time: 15:31
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1531 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 20 km/hr
Wind Direction: NW
Temperature: -3.4 °C

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert:

Blast Siren Locations:

- 1: Hollinger Office
- 2: Shania Twain
- 3: Extencicare

	L_{Aeq}	L_{peak} dB
Comfort Inn:	52.0 LAeq	107.6 dB
Edwards:	47.2 LAeq	102.9 dB
Fred:	41.3 LAeq	102.4 dB
Hollinger Office:	54.5 LAeq	115.3 dB
Noah:	59.2 LAeq	108.3 dB
Sandy:	41.1 LAeq	109.7 dB
Water Tower:	47.0 LAeq	121.3 dB
Wilson:	43.3 LAeq	110.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.2	8.0	6.1	7.2
Edwards:	5.2	5.5	9.2	11.3
Hollinger Office:	5.3	5.9	12.0	13.9
Sandy:	5.3	6.2	6.7	7.8

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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:	0.4	0.5
Edwards:	0.4	0.7
Hollinger Office:	1.8	2.0
Sandy:	2.7	8.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.1
Edwards:	0.1	0.0	0.1
Hollinger Office:	0.8	0.4	0.7
Hollinger West:	0.7	0.3	1.1
Imerys:	1.2	1.4	1.0
Noah:	2.1	0.8	1.4
Moneta Pumping Station:	0.3	0.2	0.4
Sandy:	0.5	0.5	0.6
Water Tower:	2.8	1.6	2.8
Wilson:	1.1	0.9	1.3