

Hollinger Public Blast Report

Blast Pattern: 3322_062
Date: 31-Mar-20
Blast Time: 11:36
Blast Sign Activation: 8:30
Website Notification Time: 8:30

Blast Conditions

Ceiling Height: 656 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 13 km/hr
Wind Direction: NE
Temperature: 1.3 °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:	53.0 LAeq	95.2 dB
Edwards:	47.2 LAeq	100.8 dB
Fred:	41.7 LAeq	96.7 dB
Hollinger Office:	54.3 LAeq	101.6 dB
Noah:	58.4 LAeq	105.2 dB
Sandy:	40.3 LAeq	103.1 dB
Water Tower:	49.9 LAeq	107.9 dB
Wilson:	48.3 LAeq	102.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.8	6.5	6.4	7.1
Edwards:	2.7	2.8	5.3	7.8
Hollinger Office:	3.9	4.1	8.3	9.1
Sandy:	2.7	3.5	7.1	8.8

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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:	0.1	0.2
Edwards:	0.7	1.5
Hollinger Office:	2.1	2.5
Sandy:	6.7	25.4

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:	0.3	0.2	0.2
Hollinger Office:	0.2	0.1	0.2
Hollinger West:	4.0	2.0	3.0
Imerys:	0.4	0.4	0.4
Noah:	0.4	0.4	0.7
Moneta Pumping Station:	0.5	0.3	0.4
Sandy:	1.4	0.5	0.8
Water Tower:	1.0	1.2	0.6
Wilson:	2.8	2.4	3.0