

Hollinger Public Blast Report

Blast Pattern: 3334_100, 3310_04 PS B
Date: 1-Mar-20
Blast Time: 11:40
Blast Sign Activation: 7:30
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 10000 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 7 km/hr
Wind Direction: S
Temperature: -3.6 °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:	47.1 LAeq	105.0 dB
Edwards:	40.9 LAeq	97.1 dB
Fred:	LAeq	dB
Hollinger Office:	49.4 LAeq	113.9 dB
Noah:	56.2 LAeq	100.9 dB
Sandy:	39.8 LAeq	99.1 dB
Water Tower:	51.4 LAeq	107.6 dB
Wilson:	55.9 LAeq	97.9 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.4	7.0	4.4	7.0
Edwards:	4.5	4.7	7.4	8.5
Hollinger Office:	19.3	91.2	24.2	182.4
Sandy:	1.7	1.9	6.5	7.7

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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:	3.1	9.3
Edwards:	1.0	1.7
Hollinger Office:	16.6	87.7
Sandy:	1.5	3.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.3	0.3
Edwards:	0.0	0.0	0.1
Hollinger Office:	2.9	3.4	3.8
Hollinger West:	0.5	0.3	0.5
Imerys:	2.2	1.3	1.6
Noah:	2.4	1.5	1.9
Moneta Pumping Station:	0.2	0.2	0.3
Sandy:	1.6	0.6	2.1
Water Tower:	0.5	0.7	0.4
Wilson:	1.0	0.6	0.9