

Hollinger Public Blast Report

Blast Pattern: 3310_046, 3328_066
Date: 3-Nov-20
Blast Time: 11:45
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 6233 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 11 km/hr
Wind Direction: SSW
Temperature: -5.2 °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:	51.3 LAeq	105.0 dB
Edwards:	47.9 LAeq	100.9 dB
Fred:	42.0 LAeq	94.4 dB
Hollinger Office:	54.8 LAeq	112.6 dB
Noah:	60.1 LAeq	103.6 dB
Sandy:	49.4 LAeq	113.1 dB
Water Tower:	46.6 LAeq	113.2 dB
Wilson:	50.8 LAeq	110.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.0	9.0	4.1	4.4
Edwards:	1.7	2.9	3.5	4.9
Hollinger Office:	7.7	15.2	9.0	14.7
Sandy:	4.0	4.4	3.7	5.0

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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:	1.4	5.5
Edwards:	5.0	9.3
Hollinger Office:	4.6	16.0
Sandy:	3.6	6.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.4	0.5
Edwards:	0.3	0.2	0.3
Hollinger Office:	0.8	0.3	0.6
Hollinger West:	1.7	0.7	1.1
Imerys:	1.3	1.5	1.5
Noah:	1.1	0.9	0.9
Moneta Pumping Station:	0.9	0.9	1.0
Sandy:	1.3	0.9	1.3
Water Tower:	7.2	4.4	4.8
Wilson:	2.6	1.3	2.8