

Hollinger Public Blast Report

Blast Pattern: 3328_102
Date: 9-Oct-20
Blast Time: 11:44
Blast Sign Activation: 7:15
Website Notification Time: 7:15

Blast Conditions

Ceiling Height: 7874 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Rain
Wind Speed: 11 km/hr
Wind Direction: S
Temperature: 3.1 °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:	57.6 LAeq	108.5 dB
Edwards:	49.0 LAeq	103.0 dB
Fred:	47.4 LAeq	103.5 dB
Hollinger Office:	57.5 LAeq	112.5 dB
Noah:	64.0 LAeq	106.1 dB
Sandy:	50.0 LAeq	100.9 dB
Water Tower:	51.4 LAeq	109.2 dB
Wilson:	54.6 LAeq	98.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.1	8.2	3.6	6.4
Edwards:	0.7	0.9	5.2	6.4
Hollinger Office:	5.3	6.0	8.9	10.7
Sandy:	5.3	6.6	4.7	5.6

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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:	9.3	18.9
Edwards:	1.3	2.7
Hollinger Office:	10.0	23.0
Sandy:	1.0	1.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.7	0.4	0.5
Edwards:	0.3	0.1	0.3
Hollinger Office:	0.3	0.1	0.2
Hollinger West:	0.1	0.1	0.2
Imerys:	0.3	0.2	0.3
Noah:	0.3	0.4	0.4
Moneta Pumping Station:	0.4	1.0	0.3
Sandy:	0.4	0.2	0.3
Water Tower:	0.3	0.1	0.3
Wilson:	0.6	0.4	0.6