

Hollinger Public Blast Report

Blast Pattern: 3328_101
Date: 26-Aug-20
Blast Time: 15:34
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 13123 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 10 km/hr
Wind Direction: SW
Temperature: 17.1 °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:	55.6 LAeq	104.0 dB
Edwards:	49.7 LAeq	96.4 dB
Fred:	45.2 LAeq	91.2 dB
Hollinger Office:	56.2 LAeq	115.7 dB
Noah:	61.2 LAeq	105.8 dB
Sandy:	49.7 LAeq	103.5 dB
Water Tower:	48.7 LAeq	107.5 dB
Wilson:	51.7 LAeq	101.7 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	13.5	14.4	3.7	4.6
Edwards:	2.5	2.7	21.0	24.8
Hollinger Office:	17.7	21.3	16.1	24.5
Sandy:	4.5	5.9	7.1	10.5

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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:	0.2	0.9
Edwards:	0.8	1.8
Hollinger Office:	1.0	2.6
Sandy:	0.3	0.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.9	0.3	0.5
Edwards:	0.3	0.1	0.3
Hollinger Office:	0.7	0.2	0.4
Hollinger West:	0.1	0.1	0.1
Imerys:	0.5	0.2	0.4
Noah:	0.8	0.6	1.1
Moneta Pumping Station:	0.3	0.5	0.3
Sandy:	0.3	0.1	0.3
Water Tower:	0.2	0.1	0.3
Wilson:	0.4	0.4	0.7