

Hollinger Public Blast Report

Blast Pattern: 3310_020
Date: 18-Sep-20
Blast Time: 15:38
Blast Sign Activation: 11:45
Website Notification Time: 12:00

Blast Conditions

Ceiling Height: 5905 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 13 km/hr
Wind Direction: W
Temperature: 8.4 °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:	57.3 LAeq	105.1 dB
Edwards:	55.6 LAeq	98.6 dB
Fred:	45.2 LAeq	100.3 dB
Hollinger Office:	57.3 LAeq	105.0 dB
Noah:	67.0 LAeq	107.1 dB
Sandy:	48.8 LAeq	106.4 dB
Water Tower:	49.8 LAeq	114.6 dB
Wilson:	52.0 LAeq	104.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:			0.0	0.0
Edwards:	8.1	10.1	8.2	14.8
Hollinger Office:	30.2	68.7	23.4	55.3
Sandy:	4.5	6.2	3.1	5.2

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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	0.5
Edwards:	1.6	2.8
Hollinger Office:	3.0	5.7
Sandy:	2.7	7.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.0	0.0	0.0
Hollinger Office:	0.3	0.1	0.2
Hollinger West:	0.8	0.3	0.6
Imerys:	0.8	0.4	0.8
Noah:	1.2	0.6	0.6
Moneta Pumping Station:	0.2	0.4	0.2
Sandy:	0.7	0.4	0.7
Water Tower:	1.6	0.6	1.8
Wilson:	1.8	1.1	1.3