

Hollinger Public Blast Report

Blast Pattern: 3310_030
Date: 25-Sep-20
Blast Time: 15:38
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 6561 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Rain
Wind Speed: 7 km/hr
Wind Direction: SSE
Temperature: 15.2 °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:	56.1 LAeq	95.0 dB
Edwards:	46.9 LAeq	90.6 dB
Fred:	43.7 LAeq	95.4 dB
Hollinger Office:	55.8 LAeq	100.9 dB
Noah:	61.8 LAeq	99.4 dB
Sandy:	52.6 LAeq	107.5 dB
Water Tower:	52.7 LAeq	110.8 dB
Wilson:	52.4 LAeq	103.5 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:			12.6	14.4
Edwards:	6.1	6.8	25.3	26.3
Hollinger Office:	28.9	33.4	30.5	32.4
Sandy:	9.9	12.0	22.2	24.0

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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:	2.9	7.4
Edwards:	1.3	3.4
Hollinger Office:	3.9	7.7
Sandy:	7.2	19.3

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:	0.1	0.1	0.1
Hollinger Office:	0.3	0.2	0.4
Hollinger West:	1.1	0.5	1.0
Imerys:	0.8	0.7	0.7
Noah:	0.8	0.6	1.3
Moneta Pumping Station:	0.6	0.9	0.7
Sandy:	2.5	1.4	2.2
Water Tower:	1.5	1.0	1.8
Wilson:	1.1	1.4	2.2