

Hollinger Public Blast Report

Blast Pattern: 3310_029
Date: 30-Sep-20
Blast Time: 11:57
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 3937 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 6 km/hr
Wind Direction: SW
Temperature: 9.5 °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:	56.2 LAeq	103.1 dB
Edwards:	55.3 LAeq	98.2 dB
Fred:	42.4 LAeq	92.4 dB
Hollinger Office:	58.4 LAeq	105.4 dB
Noah:	63.8 LAeq	103.3 dB
Sandy:	47.3 LAeq	107.5 dB
Water Tower:	55.2 LAeq	112.3 dB
Wilson:	51.2 LAeq	102.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:			4.5	5.2
Edwards:	2.6	3.3	9.3	13.2
Hollinger Office:	7.8	15.4	19.1	45.9
Sandy:	2.8	4.2	7.3	8.9

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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:	1.6	2.7
Edwards:	3.0	4.8
Hollinger Office:	3.7	5.4
Sandy:	1.7	2.5

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	0.0	0.1
Hollinger Office:	0.6	0.3	0.6
Hollinger West:	1.1	0.4	0.8
Imerys:	1.2	1.3	1.6
Noah:	1.0	0.7	1.0
Moneta Pumping Station:	0.4	1.2	0.5
Sandy:	0.9	0.7	0.9
Water Tower:	2.1	1.5	3.7
Wilson:	1.5	1.0	1.4