

Hollinger Public Blast Report

Blast Pattern: 3310_080
Date: 29-Nov-21
Blast Time: 11:42
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 3,937 ft
 Boundary Layer Height: n/a m
 Cloud Cover: 100% Overcast
 Wind Speed: 0
 Wind Direction: N
 Temperature: -5.1 °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:	51.9 LAeq	106.6 dB
Edwards:	49.6 LAeq	97.4 dB
Fred:	42.0 LAeq	92.1 dB
Hollinger Office:	56.3 LAeq	112.8 dB
Noah:	59.4 LAeq	98.8 dB
Sandy:	46.0 LAeq	100.5 dB
Water Tower:	45.5 LAeq	107.2 dB
Wilson:	47.1 LAeq	99.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.6	4.1	3.3	4.3
Edwards:	3.7	4.4	7.3	8.4
Hollinger Office:	7.9	11.3	17.0	29.9
Sandy:	1.7	2.1	3.9	4.4

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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:	2.7	6.8
Edwards:	28.0	30.9
Hollinger Office:	16.4	19.7
Sandy:	1.7	2.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.4	0.3
Edwards:	0.1	0.1	0.1
Hollinger Office:	2.3	1.3	3.9
Hollinger West:	0.2	0.2	0.2
Imerys:	0.9	0.9	1.2
Noah:	1.7	0.6	1.1
Moneta Pumping Station:	0.2	0.1	0.1
Sandy:	0.3	0.1	0.2
Water Tower:	0.5	0.3	0.6
Wilson:	1.6	0.5	0.9