

Hollinger Public Blast Report

Blast Pattern: 3310_061
Date: 30-Sep-21
Blast Time: 11:35
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1,312 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 7
Wind Direction: N
Temperature: 8.2 °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:	57.8 LAeq	106.9 dB
Edwards:	45.8 LAeq	98.7 dB
Fred:	44.3 LAeq	93.4 dB
Hollinger Office:	62.6 LAeq	109.7 dB
Noah:	64.1 LAeq	104.2 dB
Sandy:	43.6 LAeq	106.1 dB
Water Tower:	54.2 LAeq	114.0 dB
Wilson:	50.7 LAeq	106.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	1.0	1.3	2.5	3.0
Edwards:	2.2	3.1	3.7	5.5
Hollinger Office:	7.9	9.2	6.7	11.0
Sandy:	4.3	6.0	4.3	6.4

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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:	0.6	0.7
Edwards:	0.6	1.7
Hollinger Office:	8.3	14.1
Sandy:	4.2	8.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.4	0.5
Edwards:	0.2	0.1	0.2
Hollinger Office:	1.1	0.6	1.3
Hollinger West:	1.4	0.4	1.0
Imerys:	1.3	0.8	1.3
Noah:	0.0	0.0	0.0
Moneta Pumping Station:	0.7	0.6	0.8
Sandy:	1.0	0.6	1.0
Water Tower:	1.1	0.5	1.2
Wilson:	1.7	1.3	2.8