

Hollinger Public Blast Report

Blast Pattern: 3274_061WS
Date: 11-Jun-23
Blast Time: 15:53
Blast Sign Activation: 7:30
Website Notification Time: 7:25

Blast Conditions

Ceiling Height: 656 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 9 km/h
Wind Direction: N
Temperature: 6.9 °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:	57.0 LAeq	dB
Edwards:	55.8 LAeq	100.0 dB
Fred:	45.1 LAeq	98.7 dB
Hollinger Office:	55.1 LAeq	111.0 dB
Noah:	62.1 LAeq	103.7 dB
Sandy:	44.4 Laeq	102.7 dB
Water Tower:	50.8 LAeq	110 dB
Wilson:	50.6 LAeq	108.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	2.8	3.4	2.7	3.1
Edwards:	4.7	5.2	35.3	36.5
Hollinger Office:	3.6	4.2	26.8	29.0
Sandy:	4.0	5.0	8.8	10.1

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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:	0.0	0.1
Edwards:	1.0	1.3
Hollinger Office:	0.4	1.2
Sandy:	2.7	5.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.4	0.2	0.3
Hollinger West:	0.4	0.1	0.2
Imerys:	0.4	0.3	0.5
Noah:	0.5	0.3	0.4
Moneta Pumping Station	1.1	0.8	1.3
Sandy:	1.3	0.6	1.0
Water Tower:	0.4	0.4	0.5
Wilson:	0.9	0.6	0.9

