

Hollinger Public Blast Report

Blast Pattern: 3256_214PS
Date: 26-Jul-23
Blast Time: 11:35
Blast Sign Activation: 7:35
Website Notification Time: 7:29

Blast Conditions

Ceiling Height: 3,937 ft
Boundary Layer Height: N/A m
Cloud Cover: 100% Overcast
Wind Speed: 9 km/h
Wind Direction: SW
Temperature: 21.6 °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:	55.3 LAeq	100.0 dB
Edwards:	48.6 LAeq	98.3 dB
Fred:	41.8 LAeq	96.6 dB
Hollinger Office:	55.0 LAeq	101.5 dB
Noah:	59.9 LAeq	99.4 dB
Sandy:	45.9 LAeq	94 dB
Water Tower:	46.3 LAeq	109.8 dB
Wilson:	48.3 LAeq	97.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	40.9	45.3	2.0	2.3
Edwards:	25.2	28.4	77.5	94.6
Hollinger Office:	37.9	44.8	110.5	124.7
Sandy:	22.0	26.1	62.4	68.3

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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:	1.4	4.0
Edwards:	3.1	4.6
Hollinger Office:	4.9	10.2
Sandy:	1.2	1.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.6	0.8
Edwards:	0.2	0.1	0.1
Hollinger Office:	1.2	0.5	1.1
Hollinger West:	0.2	0.2	0.1
Imerys:	0.4	0.4	0.4
Noah:	0.5	0.4	0.8
Moneta Pumping Station	0.1	0.1	0.2
Sandy:	0.1	0.2	0.3
Water Tower:	0.3	0.3	0.3
Wilson:	1.3	0.4	0.9

