

Hollinger Public Blast Report

Blast Pattern: 3268_058
Date: 20-Jul-23
Blast Time: 15:36
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height:	6,889	ft
Boundary Layer Height:	N/A	m
Cloud Cover:	100%	Overcast
Wind Speed:	5	km/h
Wind Direction:	SW	
Temperature:	21.3	°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:	56.4 LAeq	110.9 dB
Edwards:	49.1 LAeq	99.3 dB
Fred:	44.4 LAeq	92.8 dB
Hollinger Office:	55.5 LAeq	118.3 dB
Noah:	61.6 LAeq	105 dB
Sandy:	44.2 LAeq	105.6 dB
Water Tower:	47.2 LAeq	114 dB
Wilson:	47.6 LAeq	105.5 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	19.4	20.2	1.8	2.1
Edwards:	5.2	6.3	17.9	20.3
Hollinger Office:	11.8	14.3	52.9	58.7
Sandy:	10.5	12.7	15.1	22.6

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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:	0.7	0.9
Edwards:	2.3	8.5
Hollinger Office:	3.0	4.4
Sandy:	2.8	8.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.8	0.6	0.9
Edwards:	0.3	0.2	0.3
Hollinger Office:	0.7	0.3	0.5
Hollinger West:	0.2	0.1	0.2
Imerys:	0.5	0.2	0.6
Noah:	0.5	0.4	0.6
Moneta Pumping Station	0.3	0.1	0.3
Sandy:	0.2	0.2	0.3
Water Tower:	0.2	0.2	0.3
Wilson:	0.8	0.4	0.7

