

Hollinger Public Blast Report

Blast Pattern: 3292_215PS 3244_005
Date: 8-Oct-22
Blast Time: 11:37
Blast Sign Activation: 7:17
Website Notification Time: 7:09

Blast Conditions

Ceiling Height:	1,640	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	100%	Overcast Rain
Wind Speed:	15	km/hr
Wind Direction:	SW	
Temperature:	3.5	°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:	55.6 LAeq	104.6 dB
Edwards:	56.8 LAeq	101.8 dB
Fred:	44.3 LAeq	100.7 dB
Hollinger Office:	54.8 LAeq	107.3 dB
Noah:	60.3 LAeq	103.4 dB
Sandy:	47.0 LAeq	108.1 dB
Water Tower:	48.9 LAeq	116.0 dB
Wilson:	50.9 LAeq	106.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	0.5	0.9	0.2	0.5
Edwards:	1.3	1.7	3.0	3.7
Hollinger Office:	8.1	23.5	9.9	21.2
Sandy:	1.9	2.0	1.9	2.1

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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:	0.4	1.8
Edwards:	5.3	8.3
Hollinger Office:	5.4	12.3
Sandy:	0.4	0.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.3	0.4
Edwards:	0.1	0.1	0.2
Hollinger Office:	3.7	1.5	4.9
Hollinger West:	2.0	0.7	1.2
Imerys:	4.9	5.3	3.1
Noah:	1.5	1.1	2.4
Moneta Pumping Station:	1.2	0.7	1.2
Sandy:	3.0	2.3	3.5
Water Tower:	1.4	1.0	2.2
Wilson:	1.6	1.7	1.7

