

Hollinger Public Blast Report

Blast Pattern: 3256_210PS/3280_089WS
Date: 22-May-23
Blast Time: 11:42
Blast Sign Activation: 6:55
Website Notification Time: 6:48

Blast Conditions

Ceiling Height:	29,856	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	25%	Scattered Clouds
Wind Speed:	15	km/h
Wind Direction:	S	
Temperature:	12.3	°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:	50.9 LAeq	106.9 dB
Edwards:	43.1 LAeq	99.5 dB
Fred:	43.9 LAeq	94.8 dB
Hollinger Office:	51.8 LAeq	110.4 dB
Noah:	55.2 LAeq	dB
Sandy:	41.4 LAeq	102.6 dB
Water Tower:	46.4 LAeq	107.4 dB
Wilson:	44.4 LAeq	100.5 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	9.8	10.5	6.3	7.6
Edwards:	8.9	10.1	0.0	0.0
Hollinger Office:	7.4	15.4	22.0	46.9
Sandy:	4.3	7.2	6.4	9.7

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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:	0.1	0.3
Edwards:	0.1	0.4
Hollinger Office:	2.3	5.3
Sandy:	0.2	0.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.5	0.8	1.5
Edwards:	0.8	0.7	0.6
Hollinger Office:	1.4	1.0	1.2
Hollinger West:	0.8	0.3	0.4
Imerys:	1.0	0.7	2.0
Noah:	1.7	1.1	1.5
Moneta Pumping Station	1.1	0.9	1.5
Sandy:	1.4	0.7	1.1
Water Tower:			
Wilson:	1.5	0.7	1.5

