

Hollinger Public Blast Report

Blast Pattern: 3292-062WS
Date: 29-Sep-22
Blast Time: 11:56
Blast Sign Activation: 7:35
Website Notification Time: 7:35

Blast Conditions

Ceiling Height:	29,856	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	25%	Scattered Clouds
Wind Speed:	13	km/hr
Wind Direction:	SW	
Temperature:	10.6	°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:	55.8 LAeq	111.8 dB
Edwards:	49.9 LAeq	108.5 dB
Fred:	43.5 LAeq	103.4 dB
Hollinger Office:	56.7 LAeq	113.9 dB
Noah:	58.9 LAeq	106.3 dB
Sandy:	47.2 LAeq	106.0 dB
Water Tower:	46.8 LAeq	117.4 dB
Wilson:	47.2 LAeq	103.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	2.1	3.7	2.3	4.2
Edwards:	7.5	9.9	4.1	5.5
Hollinger Office:	10.7	19.2	13.0	20.1
Sandy:	1.5	2.0	2.4	3.5

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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:	0.5	1.2
Edwards:	2.4	4.3
Hollinger Office:	8.5	11.5
Sandy:	0.4	0.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.3
Edwards:	0.1	0.1	0.2
Hollinger Office:	0.4	0.2	0.3
Hollinger West:	0.5	0.1	0.3
Imerys:	0.4	0.3	0.4
Noah:	0.7	0.4	0.3
Moneta Pumping Station:	0.9	0.6	1.0
Sandy:	3.9	0.6	2.6
Water Tower:	0.4	0.2	0.5
Wilson:	1.0	0.7	1.4

