

Hollinger Public Blast Report

Blast Pattern: 3256-215 P/S
Date: 7-Aug-23
Blast Time: 15:43
Blast Sign Activation: 7:27
Website Notification Time: 7:30

Blast Conditions

Ceiling Height:	20,013	ft
Boundary Layer Height:	N/A	m
Cloud Cover:	100%	Overcast
Wind Speed:	9	km/h
Wind Direction:	SE	
Temperature:	24.0	°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:	53.8 LAeq	102.1 dB
Edwards:	46.1 LAeq	96.0 dB
Fred:	41.1 LAeq	99.3 dB
Hollinger Office:	54.1 LAeq	109.2 dB
Noah:	60.7 LAeq	103.6 dB
Sandy:	44.8 Laeq	89.5 dB
Water Tower:	48.9 LAeq	101.9 dB
Wilson:	47.4 LAeq	97.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	13.9	14.5	1.8	2.6
Edwards:	9.9	10.4	13.3	14.5
Hollinger Office:			0.0	
Sandy:	11.1	12.0	14.8	17.6

Hollinger Public Blast Report



NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	0.0	0.1
Edwards:	0.7	1.3
Hollinger Office:		
Sandy:	0.7	0.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.7	0.4	1.0
Edwards:	0.2	0.1	0.3
Hollinger Office:	2.1	1.4	1.8
Hollinger West:	0.3	0.1	0.2
Imerys:	0.9	0.7	0.9
Noah:	0.6	0.6	0.8
Moneta Pumping Station	0.3	0.2	0.2
Sandy:			
Water Tower:	0.5	0.4	0.7
Wilson:	1.9	0.3	0.8

