

Hollinger Public Blast Report

Blast Pattern: 3280_063A
Date: 9-May-23
Blast Time: 11:33
Blast Sign Activation: 7:31
Website Notification Time: 7:26

Blast Conditions

Ceiling Height:	20,997	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	100%	Overcast
Wind Speed:	11	km/h
Wind Direction:	W	
Temperature:	13.1	°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:	54.8 LAeq	107.0 dB
Edwards:	54.9 LAeq	102.9 dB
Fred:	41.6 LAeq	97.1 dB
Hollinger Office:	56.0 LAeq	108.8 dB
Noah:	LAeq	dB
Sandy:	41.3 LAeq	97.2 dB
Water Tower:	LAeq	dB
Wilson:	43.8 LAeq	96.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	10.8	12.3	8.8	10.7
Edwards:	0.0	0.0	11.1	29.3
Hollinger Office:	17.6	28.0	26.7	51.7
Sandy:	7.4	13.5	7.8	11.2

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:	0.9	2.8
Edwards:	0.0	0.0
Hollinger Office:	2.0	8.9
Sandy:	0.5	0.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.3
Edwards:	0.3	0.1	0.2
Hollinger Office:	1.5	0.5	1.4
Hollinger West:	0.3	0.1	0.3
Imerys:	0.9	0.7	1.3
Noah:	0.9	0.6	0.9
Moneta Pumping Station	0.3	0.2	0.3
Sandy:	0.3	0.2	0.4
Water Tower:	0.5	0.3	0.5
Wilson:	1.0	0.5	0.9

