

Hollinger Public Blast Report

Blast Pattern: 3286_071A
Date: 2-Apr-23
Blast Time: 11:31
Blast Sign Activation: 7:33
Website Notification Time: 7:25

Blast Conditions

Ceiling Height:	7,874	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	25%	Scattered Clouds
Wind Speed:	13	km/h
Wind Direction:	W	
Temperature:	1.5	°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:	52.1	L _{Aeq}	106.9 dB
Edwards:	46.6	L _{Aeq}	104.6 dB
Fred:	42.6	L _{Aeq}	105.7 dB
Hollinger Office:	51.4	L _{Aeq}	111.6 dB
Noah:	59.1	L _{Aeq}	105.2 dB
Sandy:		L _{Aeq}	dB
Water Tower:	46.2	L _{Aeq}	114 dB
Wilson:	46.1	L _{Aeq}	105.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.9	12.9	10.6	19.2
Edwards:	20.8	44.2	20.2	64.6
Hollinger Office:	15.5	25.4	16.7	36.0
Sandy:	7.2	8.8	8.7	13.2

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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	1.2
Edwards:	6.0	9.3
Hollinger Office:	2.6	13.0
Sandy:	0.8	1.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.3	0.3
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.7	0.4	0.3
Hollinger West:	0.4	0.2	0.3
Imerys:	0.3	0.4	0.4
Noah:	0.6	0.6	0.6
Moneta Pumping Station	0.9	0.6	1.1
Sandy:	1.1	1.2	1.8
Water Tower:	0.4	0.4	0.4
Wilson:	1.4	0.9	0.7

