

Hollinger Public Blast Report

Blast Pattern: 3274_217PS
Date: 11-Apr-23
Blast Time: 11:35
Blast Sign Activation: 7:25
Website Notification Time: 7:30

Blast Conditions

Ceiling Height:	14,107	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	75%	Cloudy
Wind Speed:	22	km/h
Wind Direction:	W	
Temperature:	12.5	°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:	56.8	L _{Aeq}	111.4 dB
Edwards:	50.6	L _{Aeq}	107.3 dB
Fred:	47.1	L _{Aeq}	109.7 dB
Hollinger Office:	57	L _{Aeq}	118.2 dB
Noah:	60.7	L _{Aeq}	110.5 dB
Sandy:	47.4	L _{Aeq}	103.7 dB
Water Tower:	50.7	L _{Aeq}	125.2 dB
Wilson:	49.3	L _{Aeq}	110.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	14.7	16.9	13.3	16.5
Edwards:	21.0	26.7	26.3	44.7
Hollinger Office:	27.0	40.4	32.1	40.1
Sandy:	8.8	10.4	15.7	19.2

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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:	1.8	3.8
Edwards:	5.3	10.3
Hollinger Office:	1.3	2.3
Sandy:	1.8	5.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.7	0.9	1.2
Edwards:	0.2	0.2	0.3
Hollinger Office:	2.7	1.5	3.8
Hollinger West:	0.2	0.1	0.3
Imerys:	1.7	1.0	1.7
Noah:	1.3	1.0	2.0
Moneta Pumping Station	0.6	0.2	0.3
Sandy:	0.4	0.3	0.4
Water Tower:	0.7	0.5	0.7
Wilson:	1.0	0.7	1.4

