

Hollinger Public Blast Report

Blast Pattern: 3268_011
Date: 5-May-22
Blast Time: 11:36
Blast Sign Activation: 6:55
Website Notification Time: 6:53

Blast Conditions

Ceiling Height:	11,155	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	50%	Partially Cloudy
Wind Speed:	7	
Wind Direction:	SW	
Temperature:	11.4	°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:	54.7 LAeq	97.0 dB
Edwards:	54.9 LAeq	91.2 dB
Fred:	41.4 LAeq	96.8 dB
Hollinger Office:	56.8 LAeq	101.5 dB
Noah:	61.3 LAeq	101.0 dB
Sandy:	LAeq	dB
Water Tower:	48.1 LAeq	110.2 dB
Wilson:	49.7 LAeq	106.9 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	13.6	14.5	12.5	13.5
Edwards:	9.7	12.5	14.4	20.6
Hollinger Office:	11.3	28.6	23.5	48.0
Sandy:	4.1	4.7	4.6	6.6

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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:	0.7	1.5
Edwards:	0.4	1.5
Hollinger Office:	3.5	7.9
Sandy:	0.1	0.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.0	0.1
Hollinger Office:	0.6	0.3	0.6
Hollinger West:	1.6	0.4	0.9
Imerys:	1.8	1.6	1.7
Noah:	0.9	1.1	1.0
Moneta Pumping Station:	0.4	0.3	0.5
Sandy:	1.0	0.6	0.9
Water Tower:	3.5	1.9	3.5
Wilson:	1.1	0.7	1.2

