

Hollinger Public Blast Report

Blast Pattern: 3334_129
Date: 30-Apr-20
Blast Time: 11:44
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height:	800	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	100%	Overcast Rain
Wind Speed:	17	km/hr
Wind Direction:	N	
Temperature:	3.3	°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:	57.9 LAeq	113.8 dB
Edwards:	50.6 LAeq	104.0 dB
Fred:	45.8 LAeq	102.9 dB
Hollinger Office:	58.7 LAeq	109.8 dB
Noah:	64.6 LAeq	105.8 dB
Sandy:	45.6 LAeq	108.0 dB
Water Tower:	52.7 LAeq	109.4 dB
Wilson:	49.5 LAeq	110.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.9	7.0	7.1	7.2
Edwards:	10.0	10.3	5.6	6.1
Hollinger Office:	1.3	1.4	8.6	9.6
Sandy:	5.5	10.7	11.4	20.3

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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:	0.2	0.3
Edwards:	1.2	1.5
Hollinger Office:	3.4	4.8
Sandy:	5.5	19.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	4.0	1.5	1.8
Edwards:	0.4	0.2	0.3
Hollinger Office:	0.4	0.2	0.3
Hollinger West:	0.1	0.1	0.2
Imerys:	0.4	0.2	0.3
Noah:	0.8	0.4	0.6
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	0.1	0.1	0.1
Water Tower:	0.2	0.1	0.2
Wilson:	0.4	0.2	0.4