

Hollinger Public Blast Report

Blast Pattern: 3304_003
Date: 9-Nov-20
Blast Time: 11:45
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height:	2625	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	75%	Cloudy
Wind Speed:	19	km/hr
Wind Direction:	S	
Temperature:	17.1	°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:	55.8 LAeq	101.8 dB
Edwards:	53.0 LAeq	105.5 dB
Fred:	48.9 LAeq	110.4 dB
Hollinger Office:	57.2 LAeq	113.6 dB
Noah:	62.3 LAeq	108.2 dB
Sandy:	49.1 LAeq	107.9 dB
Water Tower:	51.3 LAeq	112.7 dB
Wilson:	50.7 LAeq	111.6 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.8	6.4	23.2	24.1
Edwards:	11.0	11.7	24.7	28.0
Hollinger Office:	21.0	22.5	36.4	47.4
Sandy:	9.2	10.5	22.9	23.4

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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:	2.2	3.8
Edwards:	6.1	17.3
Hollinger Office:	4.3	5.9
Sandy:	1.6	1.8

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:	0.2	0.1	0.2
Hollinger West:	1.5	0.6	1.9
Imerys:	0.4	0.4	0.7
Noah:	0.6	0.6	0.6
Moneta Pumping Station:	0.8	0.7	1.1
Sandy:	4.0	1.8	3.8
Water Tower:	0.9	0.5	1.1
Wilson:	3.1	2.1	3.8