

Hollinger Public Blast Report

Blast Pattern: 3310_043
Date: 15-Oct-20
Blast Time: 11:35
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height:	1968	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	75%	Cloudy
Wind Speed:	9	km/hr
Wind Direction:	S	
Temperature:	8	°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:	58.4 LAeq	113.6 dB
Edwards:	52.5 LAeq	105.9 dB
Fred:	50.9 LAeq	107.3 dB
Hollinger Office:	57.9 LAeq	111.8 dB
Noah:	75.0 LAeq	113.2 dB
Sandy:	52.1 LAeq	116.9 dB
Water Tower:	53.0 LAeq	118.3 dB
Wilson:	51.9 LAeq	113.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	2.7	3.1	5.7	6.5
Edwards:	6.5	8.3	7.4	10.4
Hollinger Office:	11.2	13.8	17.9	26.4
Sandy:	4.7	5.8	7.0	8.4

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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:	1.6	5.1
Edwards:	2.5	8.7
Hollinger Office:	3.8	6.0
Sandy:	1.4	1.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.1
Edwards:	0.1	0.1	0.0
Hollinger Office:	1.1	0.9	0.4
Hollinger West:	1.3	1.2	0.2
Imerys:	1.5	1.4	1.0
Noah:	1.4	1.0	0.7
Moneta Pumping Station:	0.5	0.8	0.1
Sandy:	1.0	1.2	0.6
Water Tower:	1.8	3.4	1.1
Wilson:	1.0	1.6	1.4