

Hollinger Public Blast Report

Blast Pattern: 3310_041
Date: 4-Nov-20
Blast Time: 11:39
Blast Sign Activation: 8:40
Website Notification Time: 8:18

Blast Conditions

Ceiling Height:	197	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	100%	Overcast
Wind Speed:	15	km/hr
Wind Direction:	S	
Temperature:	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:	52.8 LAeq	103.3 dB
Edwards:	46.9 LAeq	93.4 dB
Fred:	42.4 LAeq	95.2 dB
Hollinger Office:	55.5 LAeq	105.2 dB
Noah:	61.6 LAeq	106.6 dB
Sandy:	50.2 LAeq	108.7 dB
Water Tower:	48.4 LAeq	112.7 dB
Wilson:	52.7 LAeq	110.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	29.4	31.5	17.6	18.2
Edwards:	22.5	24.5	28.6	30.2
Hollinger Office:	22.7	24.7	37.0	38.4
Sandy:	18.6	21.0	25.7	26.5

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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:	7.9	15.9
Edwards:	3.9	5.7
Hollinger Office:	6.3	22.0
Sandy:	5.3	7.6

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:	0.4	0.2	0.5
Hollinger West:	0.8	0.3	0.8
Imerys:	0.7	0.5	0.7
Noah:	0.5	0.7	0.5
Moneta Pumping Station:	1.0	0.7	0.6
Sandy:	3.8	2.2	3.1
Water Tower:	1.5	0.7	1.1
Wilson:	1.3	1.0	1.5