

Hollinger Public Blast Report

Blast Pattern: 3316_003
Date: 25-Apr-20
Blast Time: 11:35
Blast Sign Activation: 7:18
Website Notification Time: 6:51

Blast Conditions

Ceiling Height:	NA	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	25%	Scattered Clouds
Wind Speed:	0	km/hr
Wind Direction:	SE	
Temperature:	9.3	°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:	51.2 LAeq	100.3 dB
Edwards:	41.7 LAeq	93.1 dB
Fred:	40.5 LAeq	91.8 dB
Hollinger Office:	52.6 LAeq	104.2 dB
Noah:	58.0 LAeq	103.4 dB
Sandy:	41.0 LAeq	108.7 dB
Water Tower:	47.0 LAeq	114.8 dB
Wilson:	42.4 LAeq	105.5 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	11.5	14.1	10.1	13.3
Edwards:	9.7	11.7	20.2	24.8
Hollinger Office:	15.0	24.2	25.5	29.7
Sandy:	6.3	8.9	12.5	19.4

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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:	1.3	2.3
Edwards:	4.7	9.7
Hollinger Office:	2.3	4.0
Sandy:	1.2	2.6

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	0.1	0.1
Hollinger Office:	0.3	0.2	0.3
Hollinger West:	1.1	0.5	0.8
Imerys:	0.6	0.6	0.7
Noah:	0.8	0.5	0.6
Moneta Pumping Station:	1.0	0.7	0.9
Sandy:	6.1	4.2	4.4
Water Tower:	1.2	1.2	1.6
Wilson:	1.7	1.8	1.7