

Hollinger Public Blast Report



Blast Pattern: 3350.5_004
Date: 9-Jul-19
Blast Time: 11:40
Blast Sign Activation: 9:15
Website Notification Time: 9:04

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 13 km/hr
Wind Direction: S
Temperature: 24.9 °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:	53.3 LAeq	102.0 dB
Edwards:	47.4 LAeq	101.7 dB
Fred:	LAeq	dB
Hollinger Office:	55.8 LAeq	113.3 dB
Noah:	62.3 LAeq	103.0 dB
Sandy:	45.8 LAeq	95.3 dB
Water Tower:	48.9 LAeq	107.8 dB
Wilson:	49.4 LAeq	105.7 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4795.0	4937.8	87.5	146.2
Edwards:	63.8	100.3	228.0	355.8
Hollinger Office:	83.6	127.6	227.4	342.1
Sandy:	51.2	86.1	177.8	281.5

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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:	0.3	0.9
Edwards:	3.2	6.2
Hollinger Office:	3.5	5.9
Sandy:	1.3	2.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.3	0.2
Edwards:	0.1	0.0	0.1
Hollinger Office:	2.7	2.8	4.3
Hollinger West:	0.1	0.1	0.1
Imerys:	1.7	0.6	1.6
Noah:	0.8	1.0	0.6
Moneta Pumping Station:	0.1	0.0	0.1
Sandy:	0.1	0.0	0.1
Water Tower:	0.3	0.2	0.6
Wilson:	0.4	0.2	0.3