

Hollinger Public Blast Report



Blast Pattern: 3328_038
Date: 2-Sep-19
Blast Time: 11:36
Blast Sign Activation: 7:41
Website Notification Time: 7:25

Blast Conditions

Ceiling Height: 400 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 24 km/hr
Wind Direction: NW
Temperature: 10.1 °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:	55.4 LAeq	102.4 dB
Edwards:	49.5 LAeq	103.0 dB
Fred:	46.3 LAeq	106.6 dB
Hollinger Office:	55.1 LAeq	107.3 dB
Noah:	59.8 LAeq	108.4 dB
Sandy:	47.6 LAeq	111.0 dB
Water Tower:	50.3 LAeq	114.2 dB
Wilson:	49.7 LAeq	116.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.5	5.8		
Edwards:	2.4	3.7	5.0	7.8
Hollinger Office:	3.7	4.7	5.8	7.7
Sandy:	1.5	2.8	3.2	4.0

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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:	0.0	0.0
Edwards:	0.8	1.0
Hollinger Office:	0.8	1.3
Sandy:	2.5	3.3

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	0.4
Hollinger West:	0.3	0.3	0.4
Imerys:	1.0	1.0	1.3
Noah:	1.2	0.5	1.7
Moneta Pumping Station:	0.3	0.2	0.4
Sandy:	0.6	0.5	0.5
Water Tower:	2.7	1.7	3.4
Wilson:	1.5	1.2	1.1