

Hollinger Public Blast Report



Blast Pattern: 3346_183 PS
Date: 6-Aug-19
Blast Time: 15:49
Blast Sign Activation: 7:33
Website Notification Time: 7:22

Blast Conditions

Ceiling Height: 26000 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 9 km/hr
Wind Direction: NW
Temperature: 21.6 °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:	81.1 LAeq	118.2 dB
Edwards:	50.0 LAeq	107.5 dB
Fred:	44.6 LAeq	100.6 dB
Hollinger Office:	56.8 LAeq	107.6 dB
Noah:	63.5 LAeq	99.9 dB
Sandy:	56.7 LAeq	99.4 dB
Water Tower:	80.9 LAeq	113.0 dB
Wilson:	50.4 LAeq	104.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	9.8	9.9	12.3	13.1
Edwards:	5.9	8.1	21.5	33.9
Hollinger Office:	11.7	12.4	21.1	24.8
Sandy:	9.1	11.3	15.1	21.1

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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	0.1
Edwards:	1.3	1.7
Hollinger Office:	2.1	2.7
Sandy:	2.4	3.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.3	0.6
Edwards:	0.1	0.0	0.1
Hollinger Office:	0.6	0.3	0.5
Hollinger West:	0.0	0.0	0.0
Imerys:	0.2	0.1	0.2
Noah:	0.4	0.8	0.3
Moneta Pumping Station:	0.1	0.1	0.1
Sandy:	0.1	0.0	0.1
Water Tower:	0.1	0.1	0.1
Wilson:	0.3	0.2	0.4