

Hollinger Public Blast Report



Blast Pattern: 3334_083
Date: 23-Jun-19
Blast Time: 11:35
Blast Sign Activation: 8:00
Website Notification Time: 8:04

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: n/a m
Cloud Cover: 0% Clear
Wind Speed: 6 km/hr
Wind Direction: W
Temperature: 24 °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:	51.9 LAeq	98.2 dB
Edwards:	45.9 LAeq	92.4 dB
Fred:	43.5 LAeq	93.7 dB
Hollinger Office:	55.9 LAeq	98.7 dB
Noah:	59.6 LAeq	99.0 dB
Sandy:	40.5 LAeq	102.7 dB
Water Tower:	46.4 LAeq	110.2 dB
Wilson:	44.7 LAeq	105.5 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.1	9.0	8.2	9.7
Edwards:	14.7	18.5	18.1	26.3
Hollinger Office:	15.8	24.1	16.4	30.0
Sandy:	9.7	14.8	15.3	26.9

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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:	0.2	1.4
Edwards:	1.5	2.9
Hollinger Office:	1.2	2.1
Sandy:	0.8	1.3

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:	0.0	0.0	0.1
Hollinger Office:	0.7	0.3	0.7
Hollinger West:	0.5	0.3	0.5
Imerys:	0.9	1.4	1.4
Noah:	1.2	0.7	1.1
Moneta Pumping Station:	0.3	0.2	0.3
Sandy:	0.9	0.4	0.5
Water Tower:	2.7	2.1	4.2
Wilson:	0.9	1.2	1.1