

Hollinger Public Blast Report



Blast Pattern: 3346_176
Date: 1-Sep-19
Blast Time: 11:44
Blast Sign Activation: 8:00
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 4000 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 17 km/hr
Wind Direction: SW
Temperature: 18.9 °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:	53.2 LAeq	110.0 dB
Edwards:	49.5 LAeq	107.0 dB
Fred:	46.2 LAeq	106.1 dB
Hollinger Office:	54.2 LAeq	118.0 dB
Noah:	59.5 LAeq	108.6 dB
Sandy:	48.5 LAeq	104.6 dB
Water Tower:	54.0 LAeq	117.0 dB
Wilson:	50.4 LAeq	106.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.2	8.6	1.1	3.3
Edwards:	5.8	6.4	13.6	17.2
Hollinger Office:	13.3	20.7	15.4	27.2
Sandy:	5.8	7.6	11.0	13.9

Hollinger Public Blast Report



NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	0.1	0.9
Edwards:	2.4	3.4
Hollinger Office:	3.2	8.0
Sandy:	0.8	1.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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