

Hollinger Public Blast Report



Blast Pattern: 3328_084/85PS
Date: 19-Oct-19
Blast Time: 15:46
Blast Sign Activation: 11:54
Website Notification Time: 7:19

Blast Conditions

Ceiling Height: 7300 ft
Boundary Layer Height: n/a m
Cloud Cover: 75% Cloudy
Wind Speed: 20 km/hr
Wind Direction: S
Temperature: 12.4 °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:	54.6 LAeq	111.9 dB
Edwards:	47.5 LAeq	107.4 dB
Fred:	44.0 LAeq	104.2 dB
Hollinger Office:	54.9 LAeq	123.8 dB
Noah:	60.0 LAeq	110.7 dB
Sandy:	46.3 LAeq	111.8 dB
Water Tower:	52.2 LAeq	113.7 dB
Wilson:	54.9 LAeq	103.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	23.5	24.3	0.1	0.1
Edwards:	4.8	5.2	5.9	6.5
Hollinger Office:	16.1	24.1	7.1	9.9
Sandy:	3.7	4.3	4.6	5.2

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:	2.8	8.8
Edwards:	3.1	4.2
Hollinger Office:	4.1	12.5
Sandy:	0.8	1.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.3	0.8	1.3
Edwards:	0.9	0.8	0.6
Hollinger Office:	0.3	0.5	0.7
Hollinger West:	0.3	0.3	0.3
Imerys:	0.4	0.5	0.8
Noah:	1.1	0.5	0.7
Moneta Pumping Station:	0.5	0.3	0.5
Sandy:	0.6	0.3	0.4
Water Tower:	0.6	0.2	0.6
Wilson:	0.8	0.6	1.6