

Hollinger Public Blast Report



Blast Pattern: 3334_082B
Date: 21-Jul-19
Blast Time: 11:47
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 7 km/hr
Wind Direction: NW
Temperature: 17.5 °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:	54.1 LAeq	102.8 dB
Edwards:	47.1 LAeq	94.2 dB
Fred:	42.6 LAeq	99.0 dB
Hollinger Office:	53.0 LAeq	107.4 dB
Noah:	58.7 LAeq	102.9 dB
Sandy:	45.5 LAeq	103.1 dB
Water Tower:	47.9 LAeq	113.2 dB
Wilson:	46.6 LAeq	108.1 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.1	5.3	3.5	4.0
Edwards:	5.9	6.2	7.8	9.3
Hollinger Office:	5.4	5.7	7.1	8.7
Sandy:	5.2	9.0	7.4	15.2

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:	0.0	0.0
Edwards:	1.0	1.4
Hollinger Office:	0.7	1.0
Sandy:	3.7	7.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.0	0.0	0.0
Edwards:	0.1	0.0	0.1
Hollinger Office:	0.1	0.1	0.1
Hollinger West:	0.4	0.3	0.4
Imerys:	0.2	0.3	0.3
Noah:	0.2	0.4	0.2
Moneta Pumping Station:	0.5	0.5	0.6
Sandy:	3.2	2.6	3.2
Water Tower:	0.5	0.5	0.6
Wilson:	1.1	0.8	1.4