

Hollinger Public Blast Report



Blast Pattern: 3334_085
Date: 30-Jun-19
Blast Time: 15:44
Blast Sign Activation: 7:25
Website Notification Time: 7:15

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 9 km/hr
Wind Direction: E
Temperature: 22.6 °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:	51.6 LAeq	94.4 dB
Edwards:	44.2 LAeq	97.3 dB
Fred:	44.1 LAeq	94.3 dB
Hollinger Office:	53.2 LAeq	103.0 dB
Noah:	60.3 LAeq	111.0 dB
Sandy:	42.1 LAeq	96.3 dB
Water Tower:	47.4 LAeq	108.4 dB
Wilson:	47.1 LAeq	96.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.8	5.6	10.6	13.5
Edwards:	2.4	2.5	11.3	12.8
Hollinger Office:	10.2	17.6	18.9	41.7
Sandy:	7.6	10.0	10.5	12.6

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:	0.5	2.6
Edwards:	1.3	1.8
Hollinger Office:	2.6	5.1
Sandy:	0.9	2.6

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	0.0
Hollinger Office:	0.8	0.3	0.6
Hollinger West:	0.2	0.2	0.2
Imerys:	0.8	0.9	1.1
Noah:	0.6	0.6	0.7
Moneta Pumping Station:	0.1	0.1	0.2
Sandy:	0.7	0.2	0.4
Water Tower:	2.2	2.1	2.6
Wilson:	0.5	0.3	0.5