

Hollinger Public Blast Report



Blast Pattern: 3328_025
Date: 25-Aug-19
Blast Time: 15:41
Blast Sign Activation: 8:27
Website Notification Time: 8:20

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: n/a m
Cloud Cover: 0% Clear
Wind Speed: 13 km/hr
Wind Direction: S
Temperature: 25.5 °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:	53.0 LAeq	100.8 dB
Edwards:	51.5 LAeq	101.0 dB
Fred:	43.9 LAeq	100.1 dB
Hollinger Office:	53.3 LAeq	111.0 dB
Noah:	59.3 LAeq	104.2 dB
Sandy:	48.1 LAeq	111.6 dB
Water Tower:	49.4 LAeq	116.4 dB
Wilson:	51.9 LAeq	105.7 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	10.1	20.1	8.6	27.2
Edwards:			11.7	13.7
Hollinger Office:	32.3	62.7	29.5	104.4
Sandy:	9.1	13.0	10.2	15.3

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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:	2.3	9.2
Edwards:	0.9	2.4
Hollinger Office:	2.3	4.3
Sandy:	1.1	1.5

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:	0.5	0.2	0.4
Hollinger West:	1.9	1.5	2.6
Imerys:	1.2	1.1	1.1
Noah:	0.8	0.8	1.1
Moneta Pumping Station:	0.4	0.2	0.3
Sandy:	0.9	0.4	0.6
Water Tower:	2.6	2.0	4.4
Wilson:	2.9	1.7	3.3