

Hollinger Public Blast Report



Blast Pattern: 3334_079
Date: 8-Aug-19
Blast Time: 11:45
Blast Sign Activation: 7:45
Website Notification Time: 7:39

Blast Conditions

Ceiling Height: 400 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 7 km/hr
Wind Direction: W
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:	53.7 LAeq	103.1 dB
Edwards:	48.5 LAeq	97.8 dB
Fred:	41.9 LAeq	93.3 dB
Hollinger Office:	56.6 LAeq	109.9 dB
Noah:	61.4 LAeq	100.1 dB
Sandy:	41.9 LAeq	97.7 dB
Water Tower:	48.0 LAeq	107.0 dB
Wilson:	47.4 LAeq	95.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.2	6.6	17.6	18.6
Edwards:	14.0	14.5	22.5	25.0
Hollinger Office:	15.8	16.4	27.1	30.1
Sandy:	7.5	11.3	20.8	35.9

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:	0.2	0.3
Edwards:	2.4	3.6
Hollinger Office:	2.0	2.9
Sandy:	4.6	6.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.3	0.6
Edwards:	0.1	0.1	0.1
Hollinger Office:	1.2	0.8	0.8
Hollinger West:	0.1	0.1	0.2
Imerys:	0.4	0.4	0.6
Noah:	1.2	0.7	0.6
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	0.3	0.2	0.3
Water Tower:	0.4	0.3	0.4
Wilson:	0.9	0.5	1.2