

Hollinger Public Blast Report

Blast Pattern: 3316_006
Date: 10-May-20
Blast Time: 11:31
Blast Sign Activation: 7:30
Website Notification Time: 7:15

Blast Conditions

Ceiling Height: 2700 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 26 km/hr
Wind Direction: NW
Temperature: -0.1 °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:	54.9 LAeq	114.6 dB
Edwards:	49.1 LAeq	103.9 dB
Fred:	46.8 LAeq	112.6 dB
Hollinger Office:	55.8 LAeq	115.7 dB
Noah:	60.9 LAeq	113.8 dB
Sandy:	43.4 LAeq	108.1 dB
Water Tower:	54.2 LAeq	119.8 dB
Wilson:	49.4 LAeq	109.7 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.8	7.8	6.9	11.1
Edwards:	6.6	8.3	9.7	15.2
Hollinger Office:	12.7	15.1	12.8	16.7
Sandy:	5.1	6.3	7.2	11.7

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	0.5
Edwards:	0.7	2.0
Hollinger Office:	1.4	1.9
Sandy:	1.2	1.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.2	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.3	0.3	0.5
Hollinger West:	0.9	0.2	0.8
Imerys:	0.7	0.5	1.0
Noah:	1.5	0.7	1.5
Moneta Pumping Station:	0.5	0.3	0.6
Sandy:	1.1	0.8	1.4
Water Tower:	1.3	0.9	1.7
Wilson:	2.0	0.9	1.4