

Hollinger Public Blast Report

Blast Pattern: 3310_012
Date: 10-Aug-20
Blast Time: 11:36
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 17 km/hr
Wind Direction: SSE
Temperature: 26.5 °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:	56.5 LAeq	108.0 dB
Edwards:	53.4 LAeq	108.4 dB
Fred:	46.9 LAeq	108.6 dB
Hollinger Office:	56.3 LAeq	108.2 dB
Noah:	62.1 LAeq	104.9 dB
Sandy:	54.3 LAeq	112.2 dB
Water Tower:	59.2 LAeq	113.2 dB
Wilson:	51.0 LAeq	109.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	20.6	21.9	22.0	28.9
Edwards:	4.2	6.1	42.5	64.5
Hollinger Office:	32.9	43.9	55.9	93.9
Sandy:	5.3	6.3	11.8	15.1

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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:	0.9	1.9
Edwards:	3.9	5.0
Hollinger Office:	2.2	3.6
Sandy:	1.2	2.3

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:	0.1	0.0	0.1
Hollinger Office:	0.3	0.2	0.2
Hollinger West:	2.4	0.9	1.6
Imerys:	0.4	0.4	0.7
Noah:	0.4	0.5	0.4
Moneta Pumping Station:	0.5	0.3	0.6
Sandy:	3.0	1.5	2.0
Water Tower:	1.2	0.5	1.4
Wilson:	1.9	2.1	2.4