

Hollinger Public Blast Report

Blast Pattern: 3322_083
Date: 3-Apr-21
Blast Time: 11:32
Blast Sign Activation: 7:50
Website Notification Time: 7:43

Blast Conditions

Ceiling Height: 8858 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 17
Wind Direction: S
Temperature: 3.8 °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:	54.7 LAeq	109.4 dB
Edwards:	48.5 LAeq	114.6 dB
Fred:	44.7 LAeq	108.0 dB
Hollinger Office:	55.4 LAeq	113.8 dB
Noah:	59.3 LAeq	104.2 dB
Sandy:	46.1 LAeq	104.2 dB
Water Tower:	47.9 LAeq	113.2 dB
Wilson:	46.7 LAeq	105.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	16.5	20.1	11.7	15.0
Edwards:	14.6	20.2	22.3	35.4
Hollinger Office:	23.2	27.0	24.5	29.3
Sandy:	11.0	16.8	18.2	29.4

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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:	1.6	2.9
Edwards:	1.8	5.6
Hollinger Office:	3.8	8.1
Sandy:	1.6	1.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.2
Edwards:	0.1	0.1	0.2
Hollinger Office:	0.2	0.2	0.4
Hollinger West:	0.2	0.2	0.3
Imerys:	0.4	0.4	0.6
Noah:	0.4	0.3	0.3
Moneta Pumping Station:	0.7	0.6	0.8
Sandy:	2.7	1.2	2.8
Water Tower:	0.3	0.2	0.4
Wilson:	0.7	0.7	1.0