

Hollinger Public Blast Report

Blast Pattern: 3322_069
Date: 10-Mar-21
Blast Time: 11:36
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 5577 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 22
Wind Direction: S
Temperature: 6.6 °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:	54.3 LAeq	107.2 dB
Edwards:	49.3 LAeq	105.1 dB
Fred:	46.7 LAeq	106.6 dB
Hollinger Office:	57.6 LAeq	116.5 dB
Noah:	60.9 LAeq	115.1 dB
Sandy:	48.4 LAeq	105.1 dB
Water Tower:	52.3 LAeq	111.5 dB
Wilson:	51.2 LAeq	105.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	20.1	20.7	17.7	17.9
Edwards:	18.3	20.1	33.8	34.6
Hollinger Office:	21.1	22.4	39.3	42.8
Sandy:	12.5	13.0	26.5	27.7

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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:	3.4	6.9
Edwards:	2.5	4.6
Hollinger Office:	8.4	11.7
Sandy:	4.0	5.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.3	0.3
Edwards:	0.3	0.2	0.3
Hollinger Office:	0.3	0.2	0.3
Hollinger West:	0.2	0.1	0.1
Imerys:	0.3	0.2	0.3
Noah:	0.4	0.8	0.6
Moneta Pumping Station:	0.7	0.4	0.6
Sandy:	1.0	0.6	1.1
Water Tower:	0.2	0.2	0.3
Wilson:	0.9	0.9	1.0