

Hollinger Public Blast Report

Blast Pattern: 3274-015/3304-201ps
Date: 3-Mar-22
Blast Time: 11:32
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 29,855 ft
Boundary Layer Height: n/a m
Cloud Cover: 0% Clear
Wind Speed: 7
Wind Direction: W
Temperature: -14.9 °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:	52.9 LAeq	108.8 dB
Edwards:	46.1 LAeq	98.6 dB
Fred:	47.5 LAeq	102.3 dB
Hollinger Office:	53.0 LAeq	111.4 dB
Noah:	57.1 LAeq	104.6 dB
Sandy:	38.5 LAeq	111.9 dB
Water Tower:	44.7 LAeq	108.8 dB
Wilson:	54.1 LAeq	111.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.2	8.5	6.7	7.3
Edwards:	7.3	8.0	19.2	21.9
Hollinger Office:	5.9	6.5	11.2	12.2
Sandy:	2.6	3.1	11.9	13.2

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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:	1.5	2.5
Edwards:	1.7	4.8
Hollinger Office:	5.6	6.3
Sandy:	1.8	2.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.3	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.3	0.2	0.3
Hollinger West:	0.3	0.3	0.2
Imerys:	0.5	0.7	0.3
Noah:	0.8	1.0	0.8
Moneta Pumping Station:	0.3	0.2	0.3
Sandy:	1.3	0.9	1.0
Water Tower:	1.7	1.6	1.5
Wilson:	0.8	0.9	1.0

