

Hollinger Public Blast Report

Blast Pattern: 3268_004
Date: 1-Apr-22
Blast Time: 11:37
Blast Sign Activation: 7:21
Website Notification Time: 7:16

Blast Conditions

Ceiling Height: 29,855 ft
 Boundary Layer Height: n/a m
 Cloud Cover: 50% Partially Cloudy
 Wind Speed: 19
 Wind Direction: NW
 Temperature: -4.9 °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:	55.1 LAeq	112.3 dB
Edwards:	49.1 LAeq	101.2 dB
Fred:	47.4 LAeq	110.2 dB
Hollinger Office:	55.1 LAeq	111.4 dB
Noah:	60.2 LAeq	110.4 dB
Sandy:	54.6 LAeq	109.1 dB
Water Tower:	52.5 LAeq	115.8 dB
Wilson:	48.6 LAeq	109.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.6	8.0	6.2	6.9
Edwards:	3.0	3.4	12.3	13.9
Hollinger Office:	5.6	6.2	10.8	13.5
Sandy:	5.1	6.6	7.2	8.9

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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:	0.5	0.9
Edwards:	0.7	1.1
Hollinger Office:	3.7	4.7
Sandy:	4.5	12.6

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:	1.5	1.0	1.2
Imerys:	0.7	0.4	0.5
Noah:	1.4	0.8	1.0
Moneta Pumping Station:	0.7	0.5	0.9
Sandy:	2.2	1.1	2.1
Water Tower:	0.6	0.9	0.7
Wilson:	3.9	1.6	3.5

