

Hollinger Public Blast Report

Blast Pattern: 3274_003
Date: 26-Jan-22
Blast Time: 11:32
Blast Sign Activation: 7:05
Website Notification Time: 6:54

Blast Conditions

Ceiling Height: 9,100 ft
 Boundary Layer Height: n/a m
 Cloud Cover: 25% Scattered Clouds
 Wind Speed: 15
 Wind Direction: S
 Temperature: -21.7 °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:	48.6 LAeq	96.3 dB
Edwards:	41.8 LAeq	100.7 dB
Fred:	43.7 LAeq	105.3 dB
Hollinger Office:	51.8 LAeq	109.7 dB
Noah:	55.6 LAeq	105.6 dB
Sandy:	44.2 LAeq	109.0 dB
Water Tower:	45.2 LAeq	108.1 dB
Wilson:	48.2 LAeq	103.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.5	7.8	5.7	8.2
Edwards:	2.1	2.7	0.0	0.0
Hollinger Office:	2.3	2.6	15.2	30.9
Sandy:	2.6	2.8	8.6	9.8

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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:	1.0	6.0
Edwards:	0.6	0.9
Hollinger Office:	10.4	21.8
Sandy:	2.4	3.5

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	0.1	0.1
Hollinger Office:	0.3	0.2	0.3
Hollinger West:	0.4	0.3	0.3
Imerys:	0.9	0.8	1.0
Noah:	0.8	0.5	0.5
Moneta Pumping Station:	2.9	1.8	3.2
Sandy:	0.7	1.2	0.6
Water Tower:	2.2	1.6	2.3
Wilson:	2.2	1.6	2.5