

Hollinger Public Blast Report

Blast Pattern: 3334_126, 3310_002 PS
Date: 29-Jan-20
Blast Time: 11:49
Blast Sign Activation: 7:37
Website Notification Time: 7:31

Blast Conditions

Ceiling Height: 32808 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 4 km/hr
Wind Direction: N
Temperature: -16.2 °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:	47.6 LAeq	111.3 dB
Edwards:	51.1 LAeq	107.9 dB
Fred:	35.1 LAeq	88.8 dB
Hollinger Office:	51.5 LAeq	117.2 dB
Noah:	58.3 LAeq	106.0 dB
Sandy:	37.7 LAeq	111.0 dB
Water Tower:	45.4 LAeq	109.8 dB
Wilson:	62.5 LAeq	114.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.5	4.4	2.8	3.9
Edwards:	2.2	2.3	6.6	8.7
Hollinger Office:	0.6	0.7	4.4	6.5
Sandy:	3.6	10.9	14.9	40.3

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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:	1.7	1.9
Edwards:	2.1	2.7
Hollinger Office:	5.6	7.0
Sandy:	10.4	18.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.0	0.6	0.7
Edwards:	0.2	0.1	0.2
Hollinger Office:	0.7	0.5	0.9
Hollinger West:	0.3	0.2	0.4
Imerys:	0.4	0.3	0.8
Noah:	1.5	0.4	0.7
Moneta Pumping Station:	0.5	0.3	0.4
Sandy:	3.4	2.2	2.7
Water Tower:	0.5	0.6	0.5
Wilson:	1.1	0.6	1.8