

Hollinger Public Blast Report

Blast Pattern: 3334_127
Date: 21-Mar-20
Blast Time: 11:31
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 32808 ft
Boundary Layer Height: n/a m
Cloud Cover: 0% Clear
Wind Speed: 9 km/hr
Wind Direction: W
Temperature: -9.1 °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:	44.8 LAeq	110.5 dB
Edwards:	45.8 LAeq	97.1 dB
Fred:	40.9 LAeq	97.8 dB
Hollinger Office:	47.5 LAeq	110.8 dB
Noah:	55.3 LAeq	98.0 dB
Sandy:	38.2 LAeq	97.0 dB
Water Tower:	43.7 LAeq	106.7 dB
Wilson:	52.5 LAeq	97.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.4	5.8	4.4	5.0
Edwards:	2.1	2.5	8.0	9.1
Hollinger Office:	4.6	5.1	6.9	8.7
Sandy:	1.9	2.2	6.3	8.0

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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:	1.3	2.7
Edwards:	4.0	10.8
Hollinger Office:	4.2	7.1
Sandy:	1.5	1.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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