

Hollinger Public Blast Report

Blast Pattern: 29856
Date: 18-Feb-22
Blast Time: 11:39
Blast Sign Activation: 7:25
Website Notification Time: 7:20

Blast Conditions

Ceiling Height: 29,856 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 4
Wind Direction: E
Temperature: -22.1 °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:	49.6 LAeq	102.8 dB
Edwards:	38.5 LAeq	98.3 dB
Fred:	35.9 LAeq	90.9 dB
Hollinger Office:	56.2 LAeq	104.0 dB
Noah:	61.0 LAeq	107.6 dB
Sandy:	38.4 LAeq	98.5 dB
Water Tower:	39.5 LAeq	80.2 dB
Wilson:	49.4 LAeq	99.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.9	11.4	7.3	9.7
Edwards:	8.6	10.7	21.3	27.7
Hollinger Office:	6.2	7.2	19.5	24.6
Sandy:	6.2	8.2	13.1	14.9

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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:	5.0	8.8
Edwards:	6.4	11.7
Hollinger Office:	8.0	14.2
Sandy:	8.6	21.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.3	0.3
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.9	1.0	1.7
Hollinger West:	0.2	0.3	0.1
Imerys:	0.0	0.0	0.0
Noah:	1.9	1.2	1.0
Moneta Pumping Station:	0.5	0.5	0.6
Sandy:	4.6	2.9	1.3
Water Tower:	0.7	0.5	0.9
Wilson:	0.7	0.9	2.9

