

Hollinger Public Blast Report

Blast Pattern: 3310-105
Date: 2-Mar-22
Blast Time: 15:37
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 4,921 ft
 Boundary Layer Height: n/a m
 Cloud Cover: 25% Scattered Clouds
 Wind Speed: 19
 Wind Direction: NE
 Temperature: -8.4 °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:	53.8 LAeq	107.9 dB
Edwards:	47.7 LAeq	98.9 dB
Fred:	44.2 LAeq	111.1 dB
Hollinger Office:	54.6 LAeq	107.4 dB
Noah:	58.4 LAeq	111.8 dB
Sandy:	43.0 LAeq	115.0 dB
Water Tower:	52.0 LAeq	120.9 dB
Wilson:	72.0 LAeq	121.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.4	7.0	4.6	5.2
Edwards:	4.3	5.3	11.9	14.0
Hollinger Office:	13.2	15.2	6.9	9.6
Sandy:	5.7	9.4	9.2	14.4

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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:	0.3	0.5
Edwards:	1.0	1.4
Hollinger Office:	5.6	7.3
Sandy:	2.7	4.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.5	1.3	1.2
Edwards:	0.3	0.2	0.3
Hollinger Office:	0.4	0.3	0.4
Hollinger West:	0.2	0.1	0.1
Imerys:	0.3	0.2	0.2
Noah:	0.7	0.4	0.5
Moneta Pumping Station:	0.3	0.2	0.3
Sandy:	0.4	0.3	0.4
Water Tower:	0.2	0.1	0.2
Wilson:	0.7	0.6	1.0

