

Hollinger Public Blast Report

Blast Pattern: 3292_029
Date: 30-Jul-21
Blast Time: 11:39
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 3,937 ft
 Boundary Layer Height: n/a m
 Cloud Cover: 25% Scattered Clouds
 Wind Speed: 20
 Wind Direction: NW
 Temperature: 14.5 °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:	58.0 LAeq	108.4 dB
Edwards:	51.8 LAeq	97.0 dB
Fred:	48.5 LAeq	107.1 dB
Hollinger Office:	63.1 LAeq	109.5 dB
Noah:	61.6 LAeq	104.6 dB
Sandy:	50.7 LAeq	107.3 dB
Water Tower:	51.9 LAeq	113.5 dB
Wilson:	53.0 LAeq	109.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.7	4.9	0.7	1.4
Edwards:	2.0	2.2	3.9	6.2
Hollinger Office:	11.7	15.6	24.3	38.2
Sandy:	5.7	11.6	2.4	4.8

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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:	0.7	1.0
Edwards:	0.3	1.0
Hollinger Office:	6.5	10.4
Sandy:	1.4	3.3

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	0.0	0.1
Hollinger Office:	0.7	0.2	0.5
Hollinger West:	2.1	1.3	2.4
Imerys:	1.2	0.9	1.0
Noah:	0.6	0.7	0.5
Moneta Pumping Station:	1.0	0.5	1.3
Sandy:	3.2	1.3	2.0
Water Tower:	1.6	1.4	2.8
Wilson:	2.4	3.1	3.1