

Hollinger Public Blast Report

Blast Pattern: 3316_078
Date: 5-Jul-21
Blast Time: 11:46
Blast Sign Activation: 7:55
Website Notification Time: 7:43

Blast Conditions

Ceiling Height: 14,107 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 9
Wind Direction: S
Temperature: 25.3 °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:	56.9 LAeq	107.9 dB
Edwards:	49.3 LAeq	101.8 dB
Fred:	46.3 LAeq	100.7 dB
Hollinger Office:	55.2 LAeq	113.1 dB
Noah:	59.7 LAeq	104.8 dB
Sandy:	50.5 LAeq	104.7 dB
Water Tower:	65.6 LAeq	111.0 dB
Wilson:	58.5 LAeq	101.9 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	26.2	27.6	53.5	56.3
Edwards:	18.0	19.8	50.4	54.7
Hollinger Office:	14.0	15.5	58.8	65.2
Sandy:	18.0	26.1	42.5	60.9

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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:	0.9	1.5
Edwards:	1.1	2.2
Hollinger Office:	1.0	2.7
Sandy:	1.3	2.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.5	0.9
Edwards:	0.1	0.2	0.2
Hollinger Office:	1.2	0.7	1.1
Hollinger West:	0.0	0.0	0.0
Imerys:	1.6	0.4	1.9
Noah:	1.2	1.2	1.3
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	0.2	0.2	0.4
Water Tower:	0.5	0.2	0.4
Wilson:	0.8	0.4	1.4