

Hollinger Public Blast Report

Blast Pattern: 3316_077
Date: 16-Jul-21
Blast Time: 15:42
Blast Sign Activation: 7:38
Website Notification Time: 7:31

Blast Conditions

Ceiling Height: 9,843 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 13
Wind Direction: W
Temperature: 28.6 °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:	58.4 LAeq	107.5 dB
Edwards:	53.8 LAeq	101.1 dB
Fred:	47.4 LAeq	100.6 dB
Hollinger Office:	57.8 LAeq	110.7 dB
Noah:	60.6 LAeq	107.5 dB
Sandy:	51.7 LAeq	104.5 dB
Water Tower:	48.0 LAeq	112.5 dB
Wilson:	49.0 LAeq	103.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	21.3	25.3	21.2	25.5
Edwards:	13.8	19.4	40.1	56.4
Hollinger Office:	0.0	0.0	52.9	65.1
Sandy:	19.9	22.1	26.5	30.0

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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:	1.1	1.8
Edwards:	2.7	6.1
Hollinger Office:	1.1	2.3
Sandy:	1.5	3.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.2	0.3
Edwards:	0.2	0.1	0.2
Hollinger Office:	0.4	0.3	0.4
Hollinger West:	0.3	0.2	0.2
Imerys:	0.7	0.3	0.6
Noah:	0.8	0.3	0.8
Moneta Pumping Station:	0.4	0.3	0.6
Sandy:	0.6	0.3	0.6
Water Tower:	0.3	0.3	0.4
Wilson:	1.4	0.7	1.2