

Hollinger Public Blast Report

Blast Pattern: 3316_067
Date: 8-Jun-21
Blast Time: 15:39
Blast Sign Activation: 7:45
Website Notification Time: 7:19

Blast Conditions

Ceiling Height: 24,934 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 13
Wind Direction: SE
Temperature: 26.1 °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:	56.8 LAeq	105.4 dB
Edwards:	LAeq	dB
Fred:	45.2 LAeq	97.9 dB
Hollinger Office:	56.0 LAeq	111.0 dB
Noah:	59.7 LAeq	109.6 dB
Sandy:	49.0 LAeq	105.8 dB
Water Tower:	51.1 LAeq	108.7 dB
Wilson:	52.8 LAeq	111.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.7	5.0	27.6	28.6
Edwards:			0.0	
Hollinger Office:	19.3	25.7	24.0	54.8
Sandy:	21.9	63.8	30.1	110.2

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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	0.4
Edwards:	0.0	0.0
Hollinger Office:	1.0	1.6
Sandy:	8.7	31.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.4	0.9
Edwards:	0.0	0.0	0.0
Hollinger Office:	0.9	1.1	5.5
Hollinger West:	0.2	0.2	0.4
Imerys:	0.2	0.0	0.0
Noah:	0.7	0.9	1.3
Moneta Pumping Station:	0.5	0.3	0.3
Sandy:	0.3	0.4	0.3
Water Tower:	0.4	0.5	2.1
Wilson:	1.0	0.8	0.9