

Hollinger Public Blast Report

Blast Pattern: 3256-054
Date: 6-Oct-23
Blast Time: 15:35
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 29,855 ft
Boundary Layer Height: N/A m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 23 km/h
Wind Direction: SW
Temperature: 17.3 °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:	56.5 LAeq	105.2 dB
Edwards:	51.3 LAeq	108.1 dB
Fred:	44.7 LAeq	111.1 dB
Hollinger Office:	55.0 LAeq	115.9 dB
Noah:	61.4 LAeq	108.6 dB
Sandy:	50.6 LAeq	107.4 dB
Water Tower:	54.2 LAeq	113.4 dB
Wilson:	49.4 LAeq	108.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.3	5.1	4.1	4.7
Edwards:	1.8	2.8	6.8	9.4
Hollinger Office:	3.2	4.7	7.1	10.6
Sandy:	1.0	1.1	3.8	5.3

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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:	0.2	0.7
Edwards:	1.5	3.9
Hollinger Office:	3.1	6.5
Sandy:	0.2	0.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.3	0.4
Edwards:	0.1	0.1	0.2
Hollinger Office:	0.5	0.3	0.8
Hollinger West:	0.2	0.1	0.2
Imerys:	0.4	0.3	1.1
Noah:	0.7	0.5	0.8
Moneta Pumping Station	0.2	0.1	0.2
Sandy:	0.0	0.2	0.3
Water Tower:	0.3	0.2	0.4
Wilson:	0.8	0.6	1.2

