

Hollinger Public Blast Report

Blast Pattern: 3274_218PS
Date: 28-Mar-23
Blast Time: 11:38
Blast Sign Activation: 8:00
Website Notification Time: 7:55

Blast Conditions

Ceiling Height: 29,856 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 7 km/h
Wind Direction: SE
Temperature: -1.3 °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:	49.8	L _{Aeq}	104.5 dB
Edwards:	43	L _{Aeq}	100.0 dB
Fred:	40	L _{Aeq}	91.8 dB
Hollinger Office:	49.7	L _{Aeq}	112.6 dB
Noah:	58.4	L _{Aeq}	103.3 dB
Sandy:	43.4	L _{Aeq}	99.5 dB
Water Tower:	46	L _{Aeq}	110.3 dB
Wilson:	47.1	L _{Aeq}	94.5 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.9	5.7	7.8	8.8
Edwards:	7.4	9.1	13.3	21.5
Hollinger Office:	19.3	37.9	25.6	61.4
Sandy:	6.4	7.8	11.6	16.8

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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	1.3
Edwards:	2.0	3.6
Hollinger Office:	7.5	12.8
Sandy:	1.3	2.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.0	1.3	1.2
Edwards:	0.3	0.3	0.3
Hollinger Office:	3.3	1.3	3.4
Hollinger West:	0.6	0.4	0.5
Imerys:	2.6	1.9	3.3
Noah:	2.1	1.6	3.9
Moneta Pumping Station	0.6	0.3	0.5
Sandy:	0.9	1.0	0.8
Water Tower:	1.7	1.4	1.7
Wilson:	2.1	1.2	1.6

