

Hollinger Public Blast Report

Blast Pattern: 3274_057A
Date: 11-May-23
Blast Time: 11:40
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: 75% Cloudy
Wind Speed: 6 km/h
Wind Direction: S
Temperature: 21.8 °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:	54.9 LAeq	105.7 dB
Edwards:	50.8 LAeq	99.1 dB
Fred:	46.7 LAeq	99.0 dB
Hollinger Office:	55.2 LAeq	113.4 dB
Noah:	LAeq	dB
Sandy:	44.4 LAeq	102.3 dB
Water Tower:	45.6 LAeq	111.8 dB
Wilson:	46.0 LAeq	101.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	14.2	15.2	8.8	11.1
Edwards:	0.0	0.0	0.0	0.0
Hollinger Office:	33.8	77.4	47.1	102.1
Sandy:	10.7	15.3	14.2	17.8

Hollinger Public Blast Report

NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	0.2	0.4
Edwards:	4.7	8.9
Hollinger Office:	4.5	8.1
Sandy:	0.7	1.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.8	0.6	0.9
Edwards:	0.3	0.2	0.4
Hollinger Office:	0.4	0.2	0.2
Hollinger West:	0.3	0.1	0.2
Imerys:	0.4	0.3	0.3
Noah:	0.3	0.3	0.4
Moneta Pumping Station	0.6	0.5	0.6
Sandy:	0.5	0.2	0.6
Water Tower:	0.3	0.2	0.4
Wilson:	0.6	0.4	0.6

