

Hollinger Public Blast Report

Blast Pattern: 3274_220 B PS
Date: 29-May-23
Blast Time: 11:30
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:	17	km/h
Wind Direction:	S	
Temperature:	23.9	°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:	53.5 LAeq	102.7 dB
Edwards:	44.1 LAeq	95.4 dB
Fred:	46.4 LAeq	93.1 dB
Hollinger Office:	LAeq	dB
Noah:	59.5 LAeq	99.7 dB
Sandy:	44.1 LAeq	97.1 dB
Water Tower:	46.6 LAeq	104.1 dB
Wilson:	46.7 LAeq	95.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	17.0	18.4	11.0	12.9
Edwards:	10.2	10.4	0.0	0.0
Hollinger Office:	13.6	17.9	44.0	64.5
Sandy:	8.6	10.1	25.2	29.2

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:	0.4	1.0
Edwards:	0.8	1.5
Hollinger Office:	2.6	5.5
Sandy:	1.0	1.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.8	1.1	1.3
Edwards:	0.3	0.2	0.5
Hollinger Office:	1.7	0.7	0.7
Hollinger West:	0.3	0.2	0.2
Imerys:	0.4	0.4	1.2
Noah:	1.3	0.5	1.4
Moneta Pumping Station	0.2	0.2	0.3
Sandy:	0.6	0.4	0.7
Water Tower:	0.9	0.4	0.8
Wilson:	1.7	0.9	1.1

