

Hollinger Public Blast Report

Blast Pattern: 3298_023
Date: 2-Nov-22
Blast Time: 11:35
Blast Sign Activation: 7:32
Website Notification Time: 7:26

Blast Conditions

Ceiling Height: 29,855 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 17
Wind Direction: SE
Temperature: 8.6 °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:	55.4 LAeq	119.0 dB
Edwards:	50.7 LAeq	108.6 dB
Fred:	44.1 LAeq	108.7 dB
Hollinger Office:	55.9 LAeq	124.6 dB
Noah:	58.0 LAeq	116.2 dB
Sandy:	47.7 LAeq	110.5 dB
Water Tower:	50.8 LAeq	121.7 dB
Wilson:	50.4 LAeq	108.9 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.5	15.3	8.5	27.4
Edwards:	1.6	3.2	0.0	0.0
Hollinger Office:	15.0	40.4	94.8	113.6
Sandy:	6.9	14.7	8.8	19.9

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:	0.0	0.0
Edwards:	0.0	0.0
Hollinger Office:	4.0	6.8
Sandy:	1.3	2.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.3	0.7	1.4
Edwards:	0.4	0.2	0.4
Hollinger Office:	0.5	0.4	0.7
Hollinger West:	0.4	0.1	0.3
Imerys:	0.7	0.3	0.6
Noah:	0.6	0.5	0.6
Moneta Pumping Station:	0.5	0.6	0.8
Sandy:	0.6	0.3	0.5
Water Tower:	0.3	0.2	0.4
Wilson:	0.9	0.5	0.7

