

Hollinger Public Blast Report

Blast Pattern: 3280_001
Date: 8-Nov-21
Blast Time: 11:35
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 5,905 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 15
Wind Direction: SW
Temperature: 11.2 °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:	56.8 LAeq	112.4 dB
Edwards:	52.0 LAeq	110.4 dB
Fred:	46.9 LAeq	106.4 dB
Hollinger Office:	61.3 LAeq	119.2 dB
Noah:	62.7 LAeq	114.7 dB
Sandy:	49.6 LAeq	113.7 dB
Water Tower:	55.4 LAeq	121.5 dB
Wilson:	52.7 LAeq	113.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	18.8	19.4	17.7	18.5
Edwards:	17.9	20.4	30.4	35.0
Hollinger Office:	22.0	30.8	40.4	56.9
Sandy:	13.7	14.5	22.3	24.7

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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:	1.1	1.5
Edwards:	5.0	7.7
Hollinger Office:	10.9	16.4
Sandy:	2.2	2.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.3	0.2	0.3
Hollinger West:	2.8	0.9	2.9
Imerys:	0.7	0.8	0.6
Noah:	1.1	0.7	0.7
Moneta Pumping Station:	0.6	0.4	0.8
Sandy:	2.6	1.4	3.1
Water Tower:	1.8	1.2	2.4
Wilson:	2.1	3.0	2.9