

Hollinger Public Blast Report

Blast Pattern: 3262_004
Date: 27-May-22
Blast Time: 15:35
Blast Sign Activation: 7:30
Website Notification Time: 7:25

Blast Conditions

Ceiling Height: 1,312 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 9
Wind Direction: N
Temperature: 12.6 °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:	59.7 LAeq	104.4 dB
Edwards:	51.1 LAeq	93.5 dB
Fred:	47.3 LAeq	107.1 dB
Hollinger Office:	56.9 LAeq	104.6 dB
Noah:	61.8 LAeq	106.1 dB
Sandy:	44.4 LAeq	107.3 dB
Water Tower:	49.2 LAeq	113.1 dB
Wilson:	49.8 LAeq	106.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	16.4	17.2	26.0	26.8
Edwards:	11.6	13.0	8.1	11.7
Hollinger Office:	10.7	13.7	17.3	21.2
Sandy:	8.5	12.8	13.1	18.8

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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:	0.2	0.3
Edwards:	0.0	0.1
Hollinger Office:	1.0	1.8
Sandy:	6.2	19.9

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	0.0	0.1
Hollinger Office:	1.0	0.3	0.8
Hollinger West:	2.3	0.6	1.9
Imerys:	2.3	1.3	1.6
Noah:	1.0	0.7	1.0
Moneta Pumping Station:	0.6	0.5	0.8
Sandy:	2.0	1.2	1.6
Water Tower:	2.6	2.1	5.4
Wilson:	1.5	1.5	1.9

