

Hollinger Public Blast Report

Blast Pattern: 3304_056
Date: 19-May-22
Blast Time: 11:40
Blast Sign Activation: 7:40
Website Notification Time: 7:32

Blast Conditions

Ceiling Height: 4,265 ft
Boundary Layer Height: n/a m
Cloud Cover: 75% Cloudy
Wind Speed: 6
Wind Direction: S
Temperature: 12.5 °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:	55.1 LAeq	115.9 dB
Edwards:	49.5 LAeq	107.2 dB
Fred:	45.0 LAeq	101.8 dB
Hollinger Office:	56.3 LAeq	116.2 dB
Noah:	61.4 LAeq	104.5 dB
Sandy:	45.0 LAeq	103.9 dB
Water Tower:	49.1 LAeq	114.7 dB
Wilson:	47.6 LAeq	104.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	13.6	14.1	24.1	25.9
Edwards:	9.7	10.3	15.0	17.1
Hollinger Office:	6.6	12.0	9.7	16.1
Sandy:	6.1	7.8	13.4	17.0

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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:	1.7	6.5
Edwards:	1.6	4.7
Hollinger Office:	6.6	21.5
Sandy:	0.5	0.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.4	0.4
Edwards:	0.1	0.1	0.1
Hollinger Office:	1.7	0.8	2.5
Hollinger West:	0.3	0.2	0.2
Imerys:	1.0	0.7	1.6
Noah:	1.0	1.7	1.3
Moneta Pumping Station:	0.3	0.1	0.4
Sandy:	0.4	0.2	0.4
Water Tower:	0.9	0.3	0.5
Wilson:	0.9	0.6	0.8

