

Hollinger Public Blast Report

Blast Pattern: 3256_200PS
Date: 7-Mar-22
Blast Time: 11:37
Blast Sign Activation: 7:30
Website Notification Time: 7:26

Blast Conditions

Ceiling Height: 9,186 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 11
Wind Direction: NW
Temperature: -5.2 °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:	52.5 LAeq	102.3 dB
Edwards:	47.9 LAeq	98.0 dB
Fred:	43.1 LAeq	101.8 dB
Hollinger Office:	53.0 LAeq	105.0 dB
Noah:	57.5 LAeq	111.6 dB
Sandy:	54.4 LAeq	105.8 dB
Water Tower:	45.2 LAeq	113.5 dB
Wilson:	53.3 LAeq	104.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.9	7.2	5.2	5.6
Edwards:	3.8	4.2	10.9	12.3
Hollinger Office:	5.6	6.3	8.1	9.1
Sandy:	1.8	3.0	7.7	11.0

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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:	1.5	2.8
Edwards:	1.8	3.8
Hollinger Office:	6.5	7.4
Sandy:	4.5	10.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.0	0.0	0.0
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.1	0.1	0.1
Hollinger West:	0.2	0.2	0.1
Imerys:	0.1	0.2	0.1
Noah:	0.3	0.4	0.5
Moneta Pumping Station:	0.2	0.2	0.4
Sandy:	1.1	1.3	1.5
Water Tower:	0.2	0.2	0.3
Wilson:	0.6	0.3	0.8

