

Hollinger Public Blast Report

Blast Pattern: 3256-205/206ps-3268-001
Date: 18-Apr-22
Blast Time: 11:59
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 29,527 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Overcast Rain
Wind Speed: 9
Wind Direction: SE
Temperature: 4.5 °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:	53.5 LAeq	96.5 dB
Edwards:	66.3 LAeq	105.6 dB
Fred:	42.8 LAeq	100.1 dB
Hollinger Office:	53.8 LAeq	102.7 dB
Noah:	66.2 LAeq	99.5 dB
Sandy:	43.9 LAeq	104.0 dB
Water Tower:	47.1 LAeq	108.7 dB
Wilson:	47.1 LAeq	103.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.5	9.6	7.9	10.8
Edwards:	5.0	6.7	13.0	21.8
Hollinger Office:	9.0	30.1	26.5	85.2
Sandy:	1.8	2.3	7.5	9.7

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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:	1.2	4.2
Edwards:	10.6	46.6
Hollinger Office:	11.4	54.8
Sandy:	0.2	0.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.5	0.3	0.6
Hollinger West:	4.1	2.4	2.8
Imerys:	0.9	0.8	0.7
Noah:	1.6	1.3	2.0
Moneta Pumping Station:	0.8	0.4	0.7
Sandy:	1.9	1.0	1.5
Water Tower:	1.7	1.5	2.0
Wilson:	3.3	2.6	4.0

