

Hollinger Public Blast Report

Blast Pattern: 3292-220ps
Date: 25-May-22
Blast Time: 11:37
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 22,965 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 7
Wind Direction: S
Temperature: 18.0 °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:	55.0 LAeq	106.8 dB
Edwards:	45.1 LAeq	95.6 dB
Fred:	43.9 LAeq	88.7 dB
Hollinger Office:	57.3 LAeq	111.4 dB
Noah:	60.5 LAeq	101.2 dB
Sandy:	45.2 LAeq	104.4 dB
Water Tower:	47.0 LAeq	108.8 dB
Wilson:	45.8 LAeq	95.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	16.3	17.0	22.7	23.6
Edwards:	18.1	22.9	25.9	32.0
Hollinger Office:	12.7	24.1	20.5	49.9
Sandy:	9.1	14.5	11.6	21.6

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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	2.1
Edwards:	3.8	6.4
Hollinger Office:	6.7	25.9
Sandy:	0.8	3.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.4	1.2	1.3
Edwards:	0.7	0.5	0.6
Hollinger Office:	0.8	1.1	1.8
Hollinger West:	0.5	0.3	0.5
Imerys:	1.2	0.6	0.8
Noah:	0.9	0.8	1.2
Moneta Pumping Station:	1.6	0.6	1.9
Sandy:	2.1	1.8	2.2
Water Tower:	0.6	0.6	1.7
Wilson:	3.6	1.2	2.0

