

Hollinger Public Blast Report

Blast Pattern: 3292_206PS
Date: 10-Dec-20
Blast Time: 11:37
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1640 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 6
Wind Direction: WSW
Temperature: 0.1 °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:	54.9 LAeq	104.2 dB
Edwards:	49.9 LAeq	97.6 dB
Fred:	45.3 LAeq	96.0 dB
Hollinger Office:	54.6 LAeq	104.2 dB
Noah:	60.3 LAeq	103.6 dB
Sandy:	48.0 LAeq	107.9 dB
Water Tower:	48.6 LAeq	111.7 dB
Wilson:	48.5 LAeq	101.6 dB

Dust Levels (µg/m³) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.5	5.9	3.4	4.3
Edwards:	2.6	3.3	6.5	7.8
Hollinger Office:	5.1	13.1	8.3	25.9
Sandy:	3.2	4.2	8.8	11.9

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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:	0.7	2.0
Edwards:	3.0	8.2
Hollinger Office:	4.1	11.5
Sandy:	1.6	2.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.5	0.3	0.8
Hollinger West:	1.8	2.2	3.7
Imerys:	1.6	2.2	2.4
Noah:	1.7	1.7	1.5
Moneta Pumping Station:	0.3	0.2	0.6
Sandy:	1.5	0.5	0.8
Water Tower:	3.3	2.8	4.7
Wilson:	2.9	1.4	3.7