

Hollinger Public Blast Report

Blast Pattern: 3262_001
Date: 20-May-22
Blast Time: 15:36
Blast Sign Activation: 8:00
Website Notification Time: 7:47

Blast Conditions

Ceiling Height: 984 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 15
Wind Direction: N
Temperature: 17.4 °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:	57.3 LAeq	105.2 dB
Edwards:	49.6 LAeq	111.6 dB
Fred:	51.5 LAeq	107.4 dB
Hollinger Office:	60.2 LAeq	113.2 dB
Noah:	61.4 LAeq	108.4 dB
Sandy:	50.3 LAeq	105.4 dB
Water Tower:	56.2 LAeq	121.9 dB
Wilson:	53.1 LAeq	108.5 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	34.2	35.2	48.9	50.1
Edwards:	25.7	26.7	50.2	52.6
Hollinger Office:	28.0	31.3	51.5	57.6
Sandy:	19.7	22.8	41.4	43.2

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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:	9.7	20.4
Edwards:	1.7	2.4
Hollinger Office:	10.3	15.2
Sandy:	1.2	2.0

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:	0.0	0.0	0.1
Hollinger Office:	0.1	0.0	0.1
Hollinger West:	0.0	0.0	0.0
Imerys:	0.1	0.1	0.1
Noah:	0.5	1.2	0.4
Moneta Pumping Station:	0.1	0.3	0.0
Sandy:	3.5	0.1	2.3
Water Tower:	0.0	0.1	0.0
Wilson:	0.2	0.1	0.2

