

Hollinger Public Blast Report

Blast Pattern: 3322_055, P/S misfire
Date: 13-Feb-20
Blast Time: 11:41
Blast Sign Activation: 7:30
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 3281 ft
Boundary Layer Height: n/a m
Cloud Cover: 0% Clear
Wind Speed: 7 km/hr
Wind Direction: NW
Temperature: -26.2 °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:	50.5 LAeq	100.5 dB
Edwards:	44.3 LAeq	93.3 dB
Fred:	37.1 LAeq	98.3 dB
Hollinger Office:	56.2 LAeq	101.6 dB
Noah:	58.1 LAeq	104.7 dB
Sandy:	38.3 LAeq	113.7 dB
Water Tower:	46.0 LAeq	116.2 dB
Wilson:	43.2 LAeq	108.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.4	6.9	2.7	2.9
Edwards:	3.7	5.2	10.9	19.7
Hollinger Office:	5.7	7.0	7.7	10.2
Sandy:	9.3	13.6	10.5	22.1

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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:	0.9	1.2
Edwards:	3.0	5.8
Hollinger Office:	14.3	43.8
Sandy:	6.1	8.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.1
Edwards:	0.0	0.0	0.1
Hollinger Office:	0.2	0.2	0.4
Hollinger West:	1.6	1.1	1.8
Imerys:	0.3	0.4	0.8
Noah:	1.5	0.6	1.9
Moneta Pumping Station:	0.8	0.6	0.7
Sandy:	1.7	1.2	2.6
Water Tower:	0.8	0.6	0.8
Wilson:	4.6	3.7	4.3