

Hollinger Public Blast Report

Blast Pattern: 3316_013
Date: 5-May-20
Blast Time: 15:38
Blast Sign Activation: 7:16
Website Notification Time: 6:53

Blast Conditions

Ceiling Height: 32808 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 7 km/hr
Wind Direction: E
Temperature: 7.5 °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:	52.3 LAeq	98.2 dB
Edwards:	49.2 LAeq	95.4 dB
Fred:	41.2 LAeq	96.7 dB
Hollinger Office:	55.6 LAeq	100.9 dB
Noah:	60.1 LAeq	104.6 dB
Sandy:	40.4 LAeq	102.8 dB
Water Tower:	45.5 LAeq	110.9 dB
Wilson:	43.6 LAeq	101.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	10.0	11.0	8.9	11.0
Edwards:	7.4	8.4	11.5	15.9
Hollinger Office:	18.9	30.1	22.5	41.6
Sandy:	16.8	74.1	18.6	87.7

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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:	0.1	0.6
Edwards:	1.1	2.2
Hollinger Office:	5.5	27.8
Sandy:	6.1	48.7

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:	0.1	0.0	0.1
Hollinger Office:	0.2	0.1	0.2
Hollinger West:	1.6	0.6	1.5
Imerys:	0.4	0.5	0.5
Noah:	0.5	0.8	0.7
Moneta Pumping Station:			
Sandy:	3.7	1.5	3.0
Water Tower:	0.8	0.5	0.9
Wilson:	1.9	1.8	2.1