

**NEW GOLD RAINY RIVER MINE
APPENDIX H
SPECIES AT RISK REPORT**

NEW GOLD RAINY RIVER MINE SPECIES AT RISK MONITORING REPORT 2022

Per Condition 7.2 (a) of Permit FF-C-001-14 under the
Endangered Species Act (ESA)

March 2023

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EXECUTIVE SUMMARY

New Gold Rainy River Mine completed Phase 1 Eastern-Whip-poor-will monitoring of the mine site and periphery in 2022 as per Condition 6.1 a) and 6.2 (a)-(g), following the schedule outlined in Appendix G of *Endangered Species Act* Overall Benefit permit FF-C-001-14. Although not scheduled in 2022, Phase 2 Eastern Whip-poor-will monitoring within the Overall Benefit Areas was also completed. Sound monitoring of two receptor sites north and south of the mine was performed to determine if the sound threshold of 50 dBA was reached per condition 4.2(b).

Bald Eagle and Barn Swallow nest monitoring was conducted following requirements of provincial Environmental Assessment notice of approval Condition 5 detailed in New Gold's Follow-up Monitoring Plan.

Eastern Whip-poor-will surveys were completed following MECP guidelines at 50 stations within the Phase 1 mine site and periphery areas. Forty-eight (48) survey stations were completed in the north and south Phase 2 Overall Benefit Areas, augmented with the deployment of 16 Autonomous Recording Units. No Eastern Whip-poor-will were detected within the mine site, but 19 individuals were observed in the mine periphery (of which 11 were territorial breeding males). The north Overall Benefit area had 15 observations, with 12 being territorial breeding males. The south Overall Benefit area had just one observation and no territorial breeding males. In addition, the Acoustic Recording Units detected six (6) Eastern Whip-poor-will in the north Overall Benefit Area, and one in the south.

No nesting activity or evidence of breeding was observed at any of the Barn Swallow nesting structures. Both Bald Eagle nests that were monitored were active, however the nest near Blackhawk was not successful.

A total of sixteen exceedances of the sound threshold occurred between both sound receptor sites, however, these were all determined to be caused by bird song or meteorological events like wind gusts or thunderstorms. All other hourly sound levels remaining below the 50 dBA threshold.

Incidental Species at Risk observations included American White Pelican, Bald Eagle, Common Nighthawk, Barn Swallow, Bobolink and Snapping Turtle.

Four American White Pelicans were found deceased within the mine site in 2022.

This Species at Risk annual monitoring report summarizes the methods and results of Species at Risk monitoring as per Condition 7.0 of the Overall Benefit permit.

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1.0 INTRODUCTION

Cerulean Environmental Ltd. (Cerulean) was retained by New Gold Inc. (New Gold) to conduct Species at Risk (SAR) monitoring at Rainy River Mine (RRM) during the 2022 field season in partial fulfillment of requirements of *Endangered Species Act* (ESA) Overall Benefit permit FF-C-001-14.

Eastern Whip-poor-will (*Antrostomus vociferus*) are listed as Threatened provincially and have been recently down-listed to Special Concern federally by the Committee on the Status of Endangered Wildlife in Canada (COSEWIC) in December 2022. The species and its habitat are still currently protected provincially.

New Gold was required to complete Phase 1 Eastern-Whip-poor-will monitoring of the mine site and periphery in 2022 as per Condition 6.1 a) and 6.2 (a)-(g), following the schedule outlined in Appendix G of ESA Overall Benefit permit FF-C-001-14. Although Phase 2 monitoring within the Overall Benefit (OB) areas was not required this year, New Gold sought to obtain updated occupancy and distribution data ahead of finalizing the Eastern Whip-poor-will Habitat Management Plan, since the last Phase 2 survey in the OB lands occurred four years earlier in 2018.

Additionally, Barn Swallow (*Hirundo rustica*) and Bald Eagle (*Haliaeetus leucocephalus*) nest monitoring was required per provincial Environmental Assessment (EA) notice of approval Condition 5 outlined in New Gold's Follow-up Monitoring Plan (Amec Foster Wheeler, 2016).

2.0 METHODS

Cerulean completed monitoring for Eastern Whip-poor-will on the mine site, periphery and Overall Benefit Areas, as well as for Bald Eagle and Barn Swallows during two field visits from May 18-22 and June 8-14, 2022.

It is important to note that the winter of 2022 saw record snow accumulations, and the spring freshet was significantly delayed but came on relatively quickly with warm temperatures and unprecedented levels of precipitation in April. The Rainy River Basin received 257mm of rain in April and May, which is twice the average. The International Water Levels Committee of the Rainy-Lake of the Woods Watershed Board noted that widespread historical flooding occurred within the Rainy River Basin, with Rainy Lake reaching record-breaking water levels (IJC 2023). The abnormal spring weather conditions appeared to delay spring migration and the start of the breeding bird window.

2.1 Eastern Whip-poor-will Monitoring

2.1.1 In-Person Surveys

Eastern Whip-poor surveys were completed on the mine site and periphery (Phase 1 monitoring) and in the Overall Benefit Areas (Phase 2 monitoring) following the Draft Survey Protocol for Eastern Whip-poor-will in Ontario (MNRF 2014). Survey stations were 500m metres apart and three rounds of surveys were conducted. Previous surveys completed by Wood from 2015-2018 (Wood 2019) and Northern Bioscience in 2020 (NBS 2021) followed the *Whip-poor-will Roadside Survey Participant's Guide* (BSC

2012) protocol and survey station spacing ranged anywhere from 200-1600m. MECP previously indicated a strong preference for following the provincial survey protocol, and because the goal of Phase 1 and 2 monitoring is to accurately assess occupancy and distribution, the survey stations were revised to have a consistent 500m spacing. Fifty (50) survey stations were completed within the mine site and periphery (Phase 1) and 48 in the OB areas (Figure 2, Appendix A). In 2018, Wood surveyed 24 and 77 Phase 1 and Phase 2 monitoring stations, respectively.

Surveys were conducted by experienced avian biologists within a week on either side of the full moon within the survey window of May 18-June 30 on calm, nights, with little cloud cover and no precipitation. The first round of surveys was completed from May 18-21, the second from June 8-10 and the third round from June 11-13.

Surveys lasted 5 minutes and began 30 minutes after sunset and continued until roughly midnight or 01:00. Survey location (UTM), start and end time, and habitat description was recorded. Environmental conditions (air temperature, wind, cloud cover, moon visibility and natural or anthropogenic noise disturbance) were noted. Common Nighthawk (*Chordeiles minor*) (Special Concern) were recorded, as well as other bird song and amphibian species.

The number of Eastern Whip-poor-will, direction and distance were estimated, and where access allowed, triangulation efforts were made to determine a more accurate and precise location of the singing male within its territory.

Raw data was spatially analyzed to determine the number of territorial males and the centroid of each individual's location based on triangulation distances and directions. From this process, the number of unique individuals and their core territories could be mapped to determine the number of territorial males over each of the three rounds of surveys.

Table 1. Moon and sunset times during EWPW surveys for Rainy River, ON 2022. Source www.timeanddate.com

Date	Sunset	Moonrise	Moonset	%Illumination
May 18	8:57 pm	11:32 pm (on the 17 th)	7:13 am	93
May 19	8:58 pm	12:42 am	8:18 am	85
May 20	8:59 pm	1:36 am	9:35 am	76
May 21	9:00 pm	2:15 am	10:57 am	65
June 8	9:18 pm	2:11 pm	2:28 am	65
June 9	9:19 pm	3:26 pm	2:44 am	75
June 10	9:20 pm	4:44 pm	3:01 am	85
June 11	9:20 pm	6:07 pm	3:20 am	92
June 12	9:21 pm	7:35 pm	3:43 am	98
June 13	9:22 pm	9:02 pm	4:14 am	99

2.2.2 Autonomous Recording Unit Monitoring

Many of the OB areas are inaccessible by vehicle and require a 500-1500m walk through thick brush in the dark and thus posed a significant health and safety risk. New Gold wanted to determine if unoccupied territories were due to sampling bias due to inaccessibility or poor habitat quality. Although ARUs are unable to ascertain direction from sound, it is possible to determine relative abundance based on the strength and signature of the spectrogram of more than one simultaneously singing males.

The Ministry of Natural Resources and Forestry (MNR), Environment Climate Change Canada (ECCC) and the Ontario Breeding Bird Atlas (OBBA) use ARUs heavily for abundance monitoring of passerines and nocturnal species. The significant advantage to ARUs is far greater survey effort through consistent daily sampling throughout the breeding survey window regardless of environmental conditions, instead of only 2 or 3 sample points of 5 minutes each from in-person surveys. Recent literature from researchers from University of Alberta and ECCC found that the use of ARUs in Eastern Whip-poor-will surveys can improve overall cumulative detection probability compared to in person surveys (Knight et al., 2022).

Wildlife Acoustics Song Meter Mini acoustic recorders with two microphones were programmed to collect six 5-minute recordings starting half an hour after sunset and every hour afterward. A total of sixteen ARUs were deployed within the north and south OB areas. They were deployed from May 20-June 15 and were mounted to trees at breast height in suitable but previously unoccupied habitat (Figure 1, Figures 3-4, Appendix B). Locations were selected to optimize likelihood of Eastern Whip-poor-will detection while lowering noise disturbance from anurans (i.e., frogs and toads) by avoiding direct placement next to wetlands. Date and time of deployment, location (UTM), and habitat description were recorded, and photos were taken to record ARU placement and surrounding habitat.

Acoustic data was interpreted using Wildlife Acoustic's Kaleidoscope Pro analysis software to detect Eastern Whip-poor-will vocalizations audially and by spectrogram signature. In addition to manual interpretation a cluster analysis was completed of a subset of files. The number of EWPW were recorded (i.e., two individuals calling simultaneously and different strength spectrograms) and estimated distance (0-100m and 100-500m).



Figure 1. Autonomous Recording Unit (ARU) 07 (above) and 10 (below) deployed May 21, 2022.

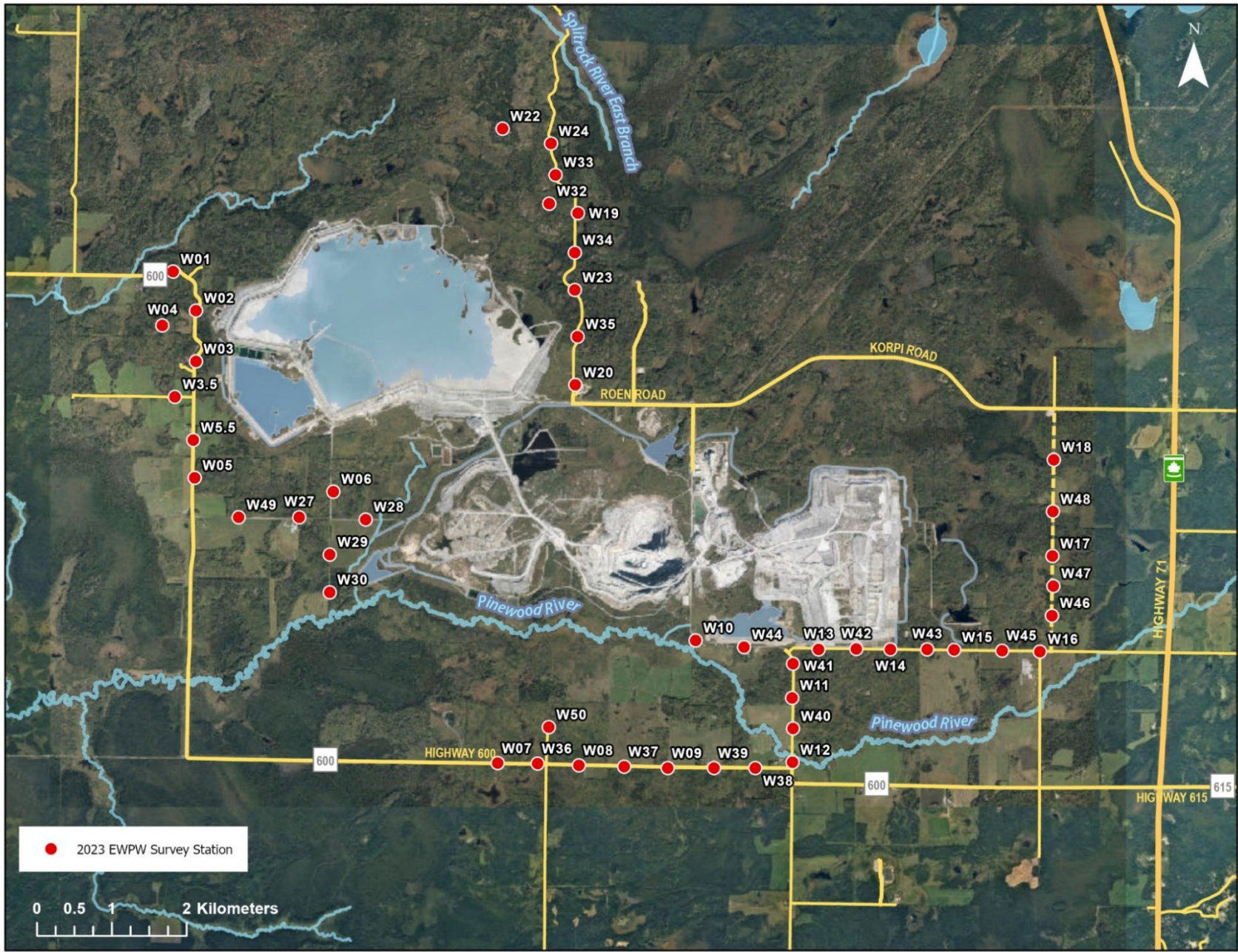


Figure 2. Phase 1 mine site and periphery Eastern Whip-poor-will survey stations, 2022.

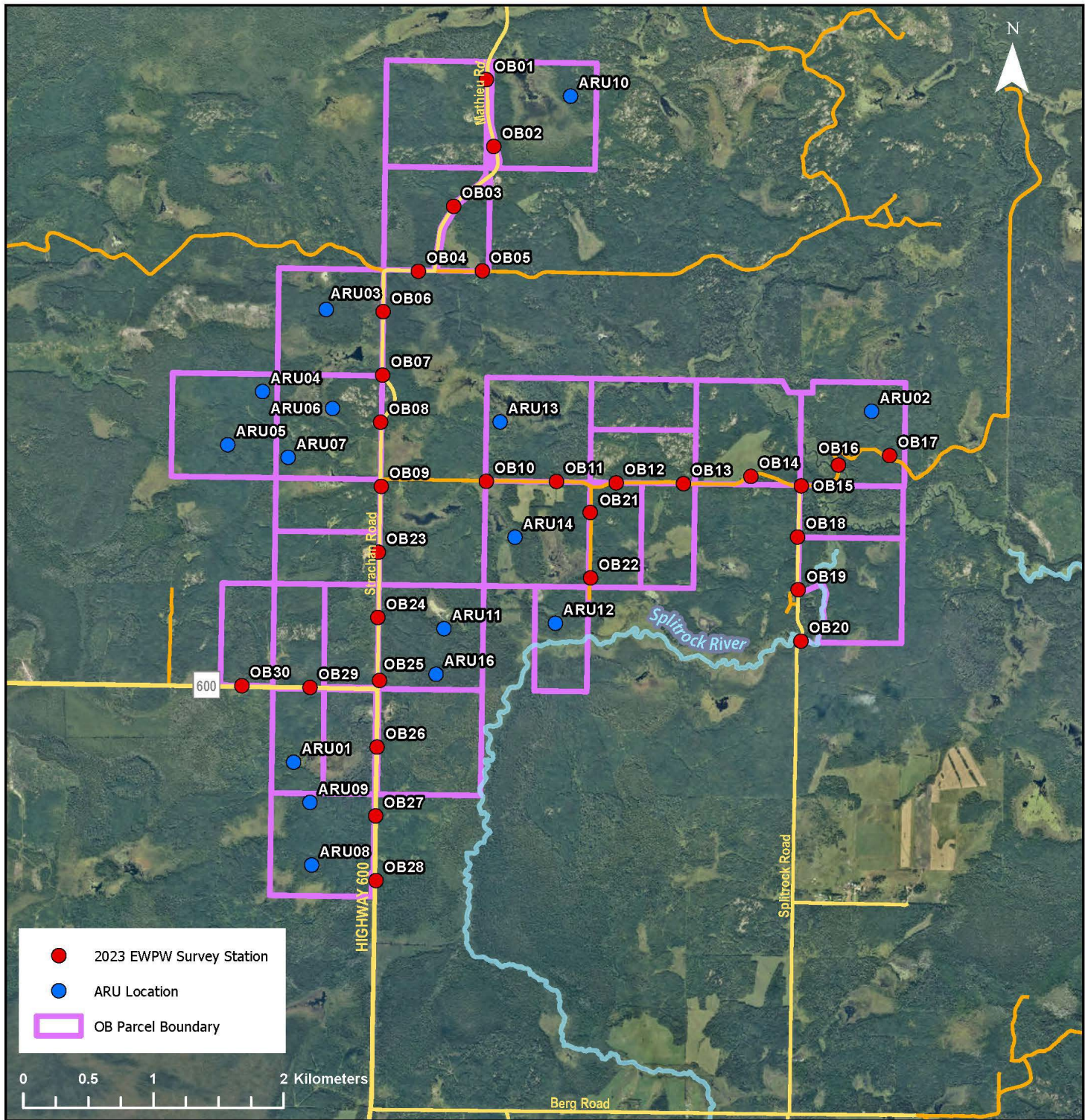


Figure 3. Phase 2 North OB Area Eastern Whip-poor-will survey stations and ARU locations, 2022.

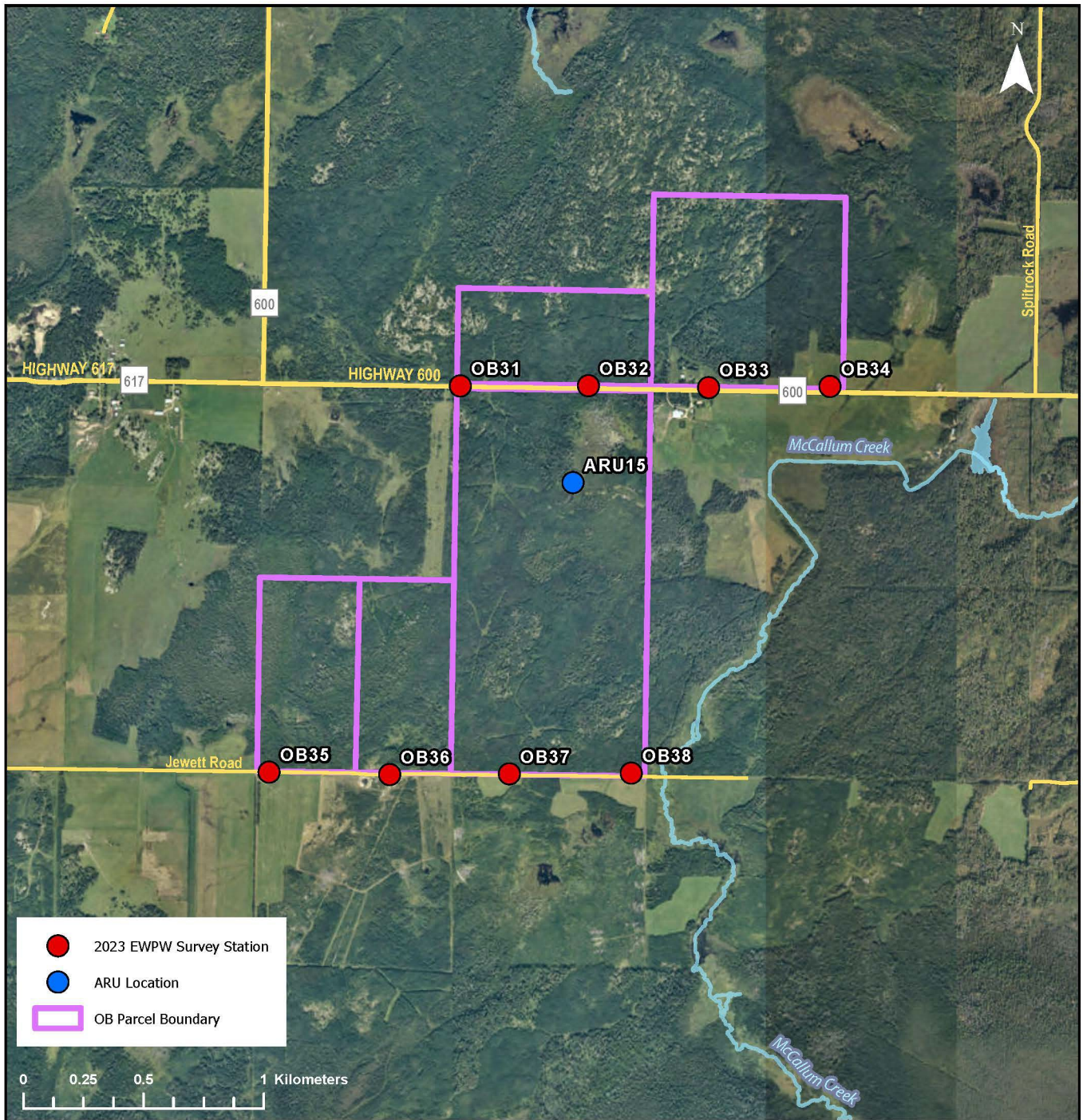


Figure 4. Phase 2 South OB Area Eastern Whip-poor-will survey stations and ARU locations, 2022.

2.3 Bald Eagle Nest Monitoring

All known Bald Eagle nests are required to be monitored to determine annual and seasonal activity at the nest site and to determine fledging success as per provincial EA notice of approval Condition 5 outlined in New Gold's Follow-up Monitoring Plan (Amec Foster Wheeler, 2016).

Monitoring of two known Bald Eagle (Special Concern) nests was completed to determine presence of breeding activity and nest success. These nests are located on Jones Road and Highway 600 west of the mine site (Figure 5). Cerulean biologists visited the nests on May 19, June 10 and 11 and observed the nest and surrounding area to determine nest occupancy and breeding behaviour (presence of nestlings, adults carrying prey, etc.) Environmental conditions such as air temperature, wind and cloud cover were also recorded. Monitoring was completed for one hour each visit using binoculars and a spotting scope.

2.4 Barn Swallow Monitoring

Four Barn Swallow (Threatened) nest structures surrounding the mine site were monitored to determine occupancy, nest density and fledging success and breeding success as per provincial EA notice of approval Condition 5 in New Gold's Follow-up Monitoring Plan (Amec Foster Wheeler, 2016) on May 29 and June 10 (Figure 5, Appendix C). Cerulean biologists observed the nest structures and surrounding area with binoculars and a spotting scope for at least 30 minutes. The nest structures were then visually inspected for evidence of nesting (nesting material, eggs, feces, feathers) and of predation using a small, handheld, telescoping mirror. Environmental conditions such as air temperature, wind and cloud cover were also recorded. New Gold environmental staff also performed nest monitoring following the same protocol on May 30, June 21 and August 20.

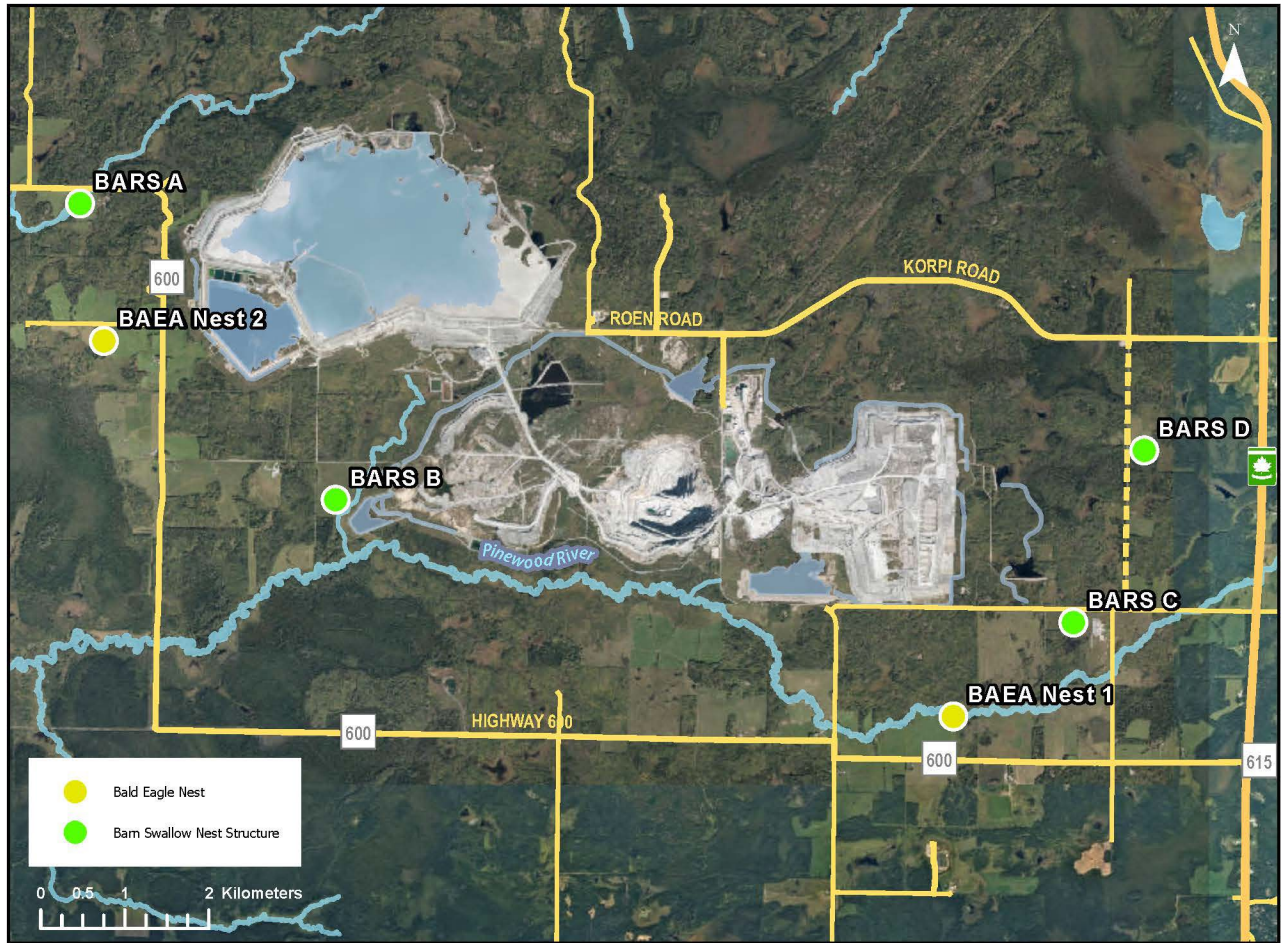


Figure 5. Bald Eagle and Barn Swallow nest monitoring locations, 2022.

2.5 Eastern Whip-poor-will Sound Monitoring

New Gold RRM is required to conduct sound monitoring the first week of May and in June during each year of operations to conduct acoustic audit measurements per ESA permit Condition 4.2 (b) and 6.2 (c). The purpose of the sound monitoring is to determine if sound levels produced by operations exceed the sound level threshold as defined as 50 dBA during a one-hour period.

Sound monitoring was completed by Independent Environmental Consultants (IEC) during June 16-25 and June 25-July 4. Sound monitoring was delayed and did not occur in the May timing window due to the late spring freshet, high run-off and wet ground conditions. Due to late start to passerine breeding in 2022 and given that early July is still within the breeding period for Eastern Whip-poor-will (MECP, 2014), sampling in this later window should be adequate to address potential effect on EWPW. Levels were measured at two Eastern Whip-poor-will Receptor Habitats that have the highest predicted sound levels both north and south of the mine site (NM-1 and NM-2 respectively). Due to memory writing issues, data for the second data collection period at NM-2 was not available for analysis.

Sound levels were measured on a continuous 15-minute basis throughout the measurement program, using Larson Davis 831C sound level meters. To assist in the analysis, the meters were also configured with an “event trigger” that provided more detailed sound level information in instances where sound

levels above 50 dBA were measured. This included sound recording to assist with identifying the source of noise that caused the sound level of 50 dBA to be exceeded (though it should be noted that an instantaneous exceedance of 50 dBA does not necessarily mean that the energy equivalent for the entire hour will exceed 50 dBA). In instances where adverse meteorological conditions, or sounds of nature (e.g., birdsong) were found to have caused the elevated sound levels, the associated data point was discarded as unrepresentative of sound from operations at the mine site.

For detailed methodology, see Appendix G “IEC 2022 Sound Monitoring Report: Eastern Whip-poor-will Habitat New Gold Inc. (IEC, 2022).

2.6 Other Species at Risk Observations

New Gold RRM is required to document all incidental SAR observations annually. Cerulean biologists also documented incidental SAR observations during fieldwork in 2022 and a summary of both is provided in Section 3.6.

2.7 Mortality Events Reporting

As per ESA permit Condition 7.3 (k), New Gold is required to document any mortality events occurring within the project site or OB areas. If applicable, adaptive management strategies are to be outlined to reduce mortality within the OB areas. New Gold tracks all mortality events and these events from 2022 are reported in Appendix H.

2.8 Species at Risk Training

Species at Risk training is required for all staff and contactors who work on site (specifically the OB areas) as per Condition 4.3 (a) of the Overall Benefit permit. Training emphasizes educating personnel about the purpose of the OB areas, the permit and its conditions, as well as mitigating harm to the species and damaging or destroying habitat. As per the ESA permit reporting requirements (Condition 4.3 (b)), a complete summary of SAR awareness training provided in 2022 indicating the names of personnel trained, education material covered, date of training and method of training is provided in Appendix I.

2.9 Equipment Operating Hours Monitoring

Operations at Rainy River Mine in 2022 included blasting, loading, hauling, dumping, crushing, milling rock placement, and dam construction. Vehicle and equipment operating time is recorded for each piece of equipment by on-board GPS and operator hour recordings. A summary of equipment operating hours is tabulated in Section 3.9.

3.0 RESULTS

The winter of 2021/2022 had unseasonably large amounts of snow causing a delayed spring. This was followed by heavy precipitation and a fast melt, causing widespread flooding. Cerulean biologists noted that this delayed the spring songbird migration across northern Ontario by roughly 2-3 weeks. The saturated ground, and amount of surface water run-off likely affected the timing of migration and start

of the breeding period for Eastern Whip-poor-will. This unprecedented flooding in the Rainy River Basin added another variable to comparisons of previous years' population data.

3.1 Eastern Whip-poor-will Monitoring within the Mine Site and Periphery (Phase 1)

No Eastern Whip-poor-will were detected within the mine site on any three rounds of surveys, but 19 individuals were observed in the mine periphery (with 31 total observations). Eleven of the individuals were territorial breeding males as they were heard singing within a distinct territory during more than one visit during the breeding season. Results are displayed in Table 2 and 3, Figure 6 and summarized in Appendix D and Appendix E.

Eastern Whip-poor-will numbers have declined on the mine site, since 2020 when eight observations were reported. However, numbers in the periphery have increased from six in 2020 to 19 individuals in 2022. Eleven territorial breeding males were mapped in the mine periphery in 2022. It is possible that individuals displaced or disturbed by mine operations have relocated to suitable habitats in the mine periphery.

Table 2. Summary of Phase 1 mine site and periphery Eastern Whip-poor-will observations per visit.

Station	Round 1	Round 2	Round 3
W07	3	1	1
W09	0	1	1
W19	0	0	1
W21	0	1	1
W22	0	2	2
W24	0	1	2
W31	0	0	1
W32	0	1	1
W33	0	1	0
W34	0	1	1
W36	1	2	3
W50	0	1	1

Table 3. Summary of Phase 1 mine site and periphery Eastern Whip-poor-will observations and breeding territories.

Number of EWPW Observed (Phase 1 Mine Site and Periphery)						
	2015	2016	2017	2018	2020	2022
Mine Site	8	7	1	2	8	0
Periphery	11	7	8	14	6	19
Total Breeding Territories	n/a	n/a	n/a	n/a	n/a	11

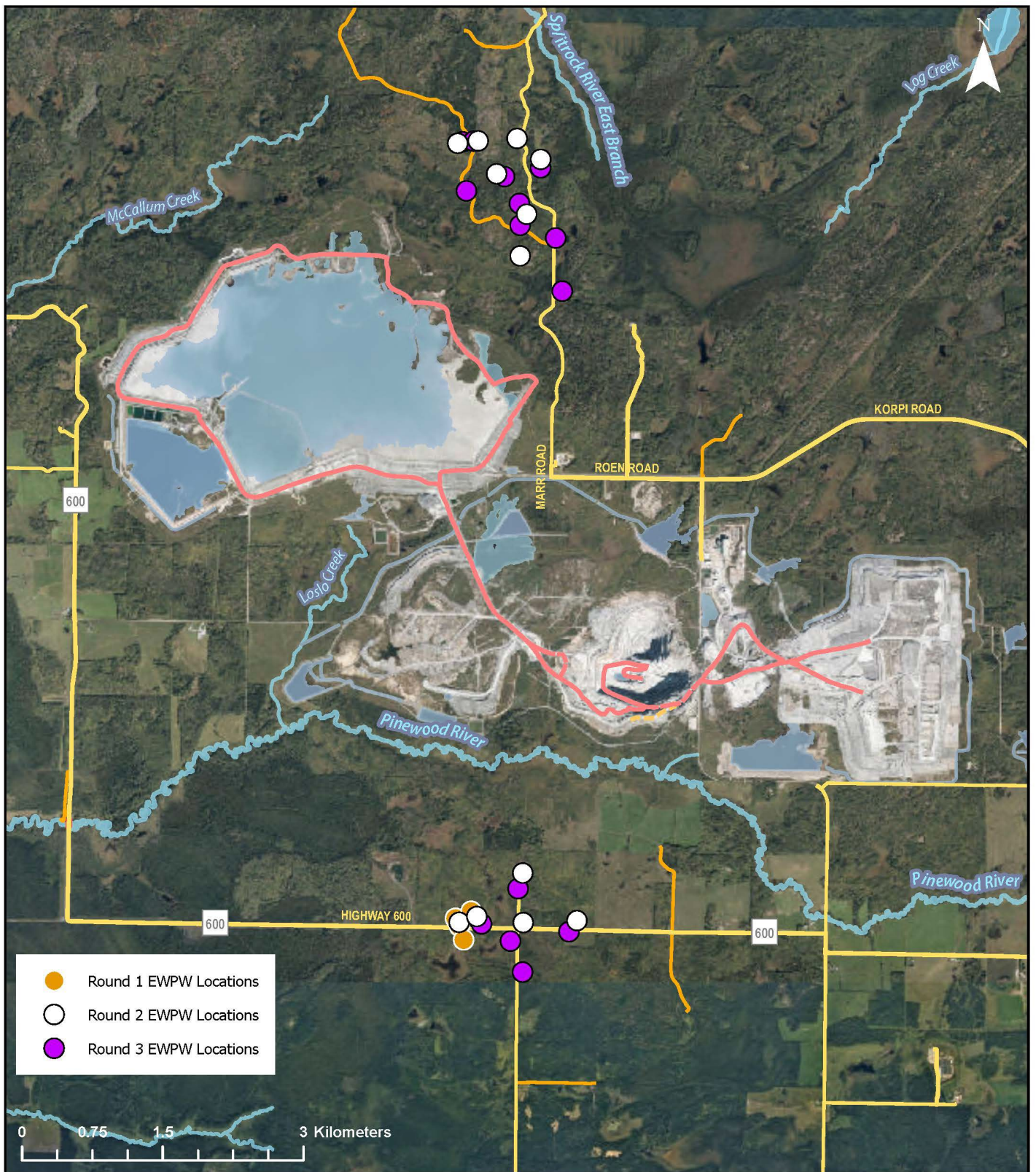


Figure 6. Phase 1 mine site and periphery Eastern Whip-poor-will observations, 2022.

3.2 Eastern Whip-poor-will Monitoring within the Overall Benefit Areas (Phase 2)

3.2.1 In-person Surveys

Fifteen (15) Eastern Whip-poor-will observations were recorded in the north OB area during three rounds of surveys; with 12 being territorial breeding males. The south OB area had just one observation and no territorial breeding males. Survey results are summarized in Table 4 and 5, Figure 7, 8 and 9, Appendix D and E.

Making a direct comparison to occupancy and distribution from the previous survey period in 2018 is difficult because of the change in survey methodology. As noted in Section 2.1, in 2018 77 in-person survey stations were completed compared to 48 in 2022 due to accessibility issues. On numerous occasions, despite ideal survey conditions and timing, males sang for mere seconds during the survey period; so, it is possible that individuals were underrepresented. Regardless, 12 territorial breeding males were mapped in 2022, compared to 15 in 2018.

Table 4. Summary of Phase 2 mine site and periphery Eastern Whip-poor-will in-person observations per visit.

EWPW Station	Round 1	Round 2	Round 3
OB02	0	1	0
OB13	1	1	1
OB14	0	2	2
OB16	0	1	1
OB18	0	1	0
OB24	1	1	0
OB29	0	1	0
OB30	0	0	0
OB33	0	0	1

Table 5. Summary of in-person Phase 2 North and South OB Areas Eastern Whip-poor-will observations and breeding territories.

Number of EWPW Observed in OB Areas (Phase 2) in Person Monitoring					
	2015	2016	2017	2018	2022
Northern OB	11	27	29	43	15
Total Breeding Territories	n/a	n/a	n/a	15	12
Southern OB	11	12	10	10	1
Total Breeding Territories	n/a	n/a	n/a	6	0

3.2.2 Autonomous Recording Units

Eastern Whip-poor-will were detected at seven of the 16 ARUs; six in the northern OB area and one in the south OB area (Figure 8 and 9). A complete summary of detections is outlined in Appendix F. These areas had been unoccupied by Eastern Whip-poor-will during all previous surveys. Although determination of exact locations are not possible from ARUs due to inability to estimate direction, it can be concluded that for a strong spectrogram, a singing territorial male is located within approximately 100m radius of the ARU location whereas a weak spectrogram indicates a male within a 100-500m radius. An example of an Eastern Whip-poor-will spectrogram is depicted in Figure 7. The song generally ranges from 1.8-2.8 kHz (not be confused with Spring peepers (*Pseudacris crucifer*) or Gray tree frog (*Dryophytes versicolor*) which is visible at the 2.8-3.4kHz and 1.8-2.2kHz respectively).

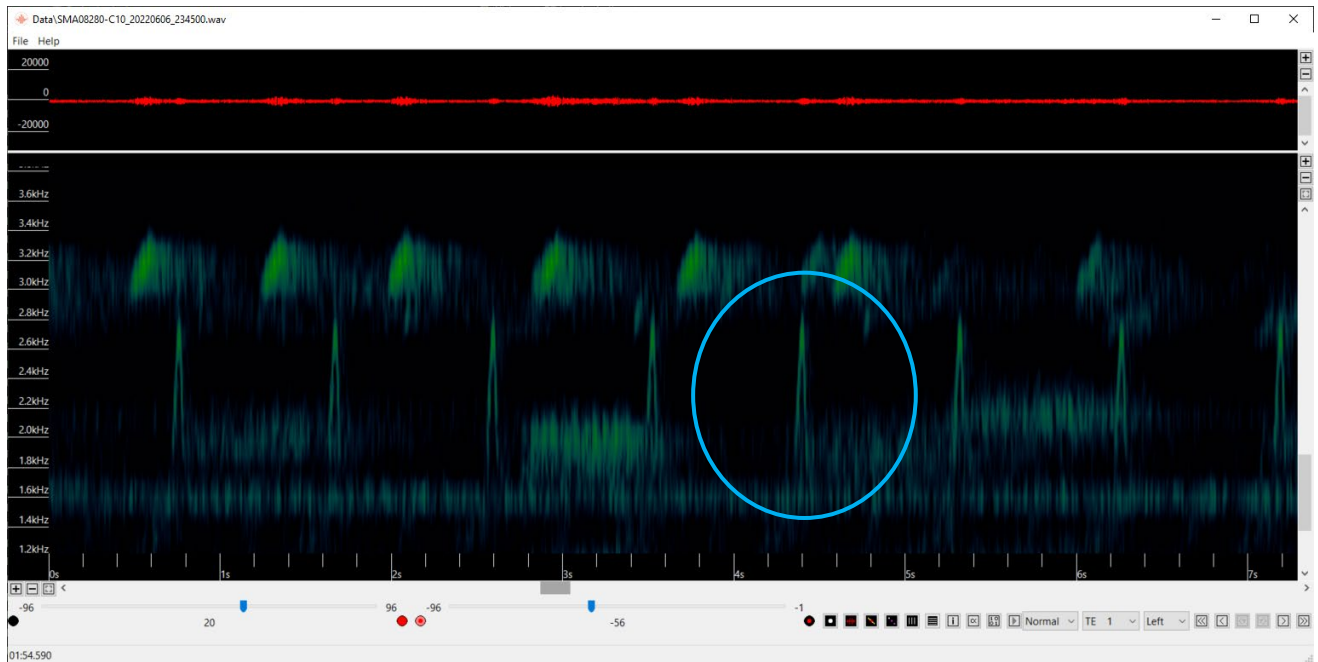


Figure 7. Eastern whip-poor-will spectrogram (1.8-2.8kHz) at ARU 10 in North OB Area, June 6, 2022 at 23:45.

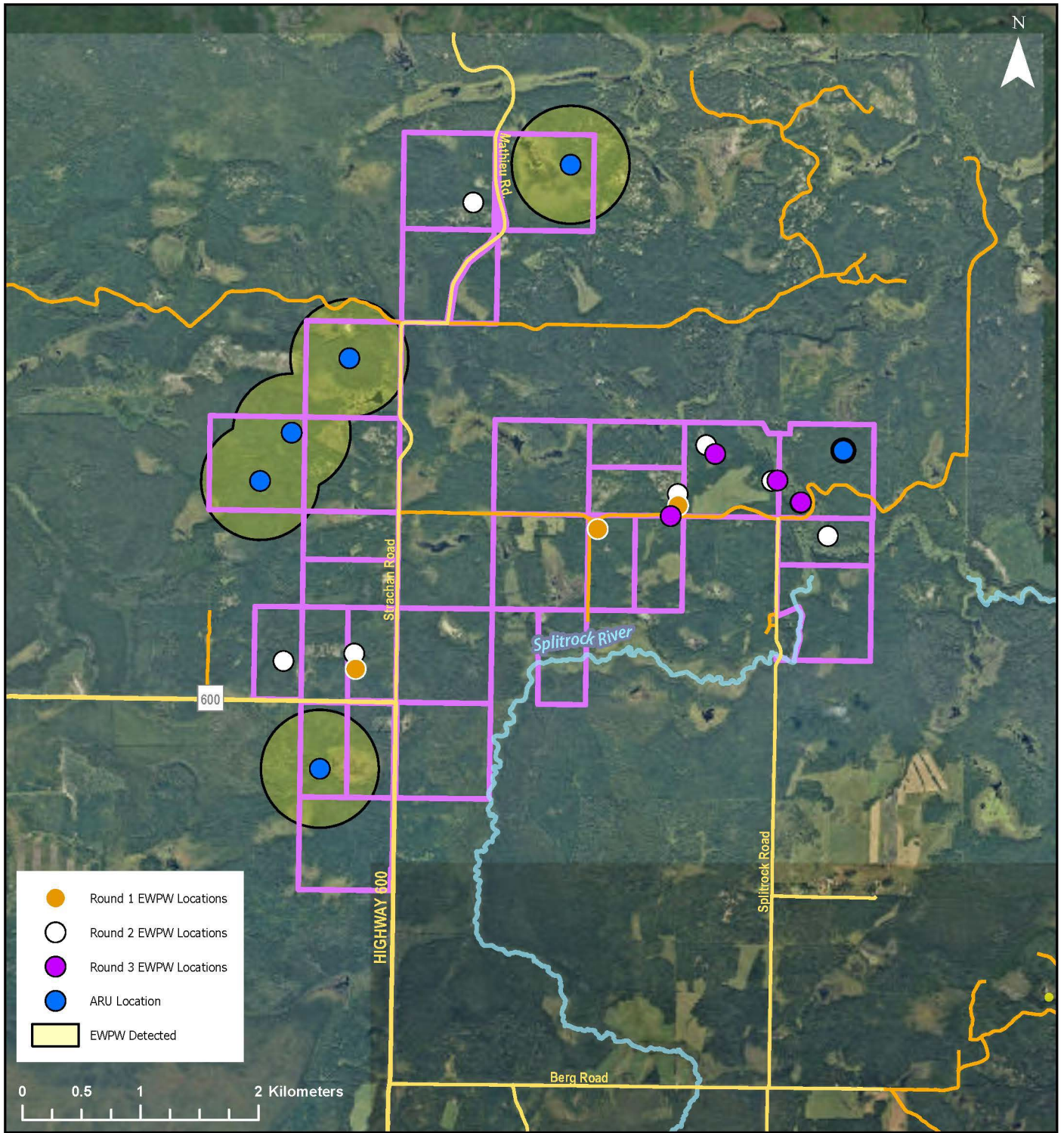


Figure 8. Phase 2 North OB Area Eastern Whip-poor-will observations, 2022.

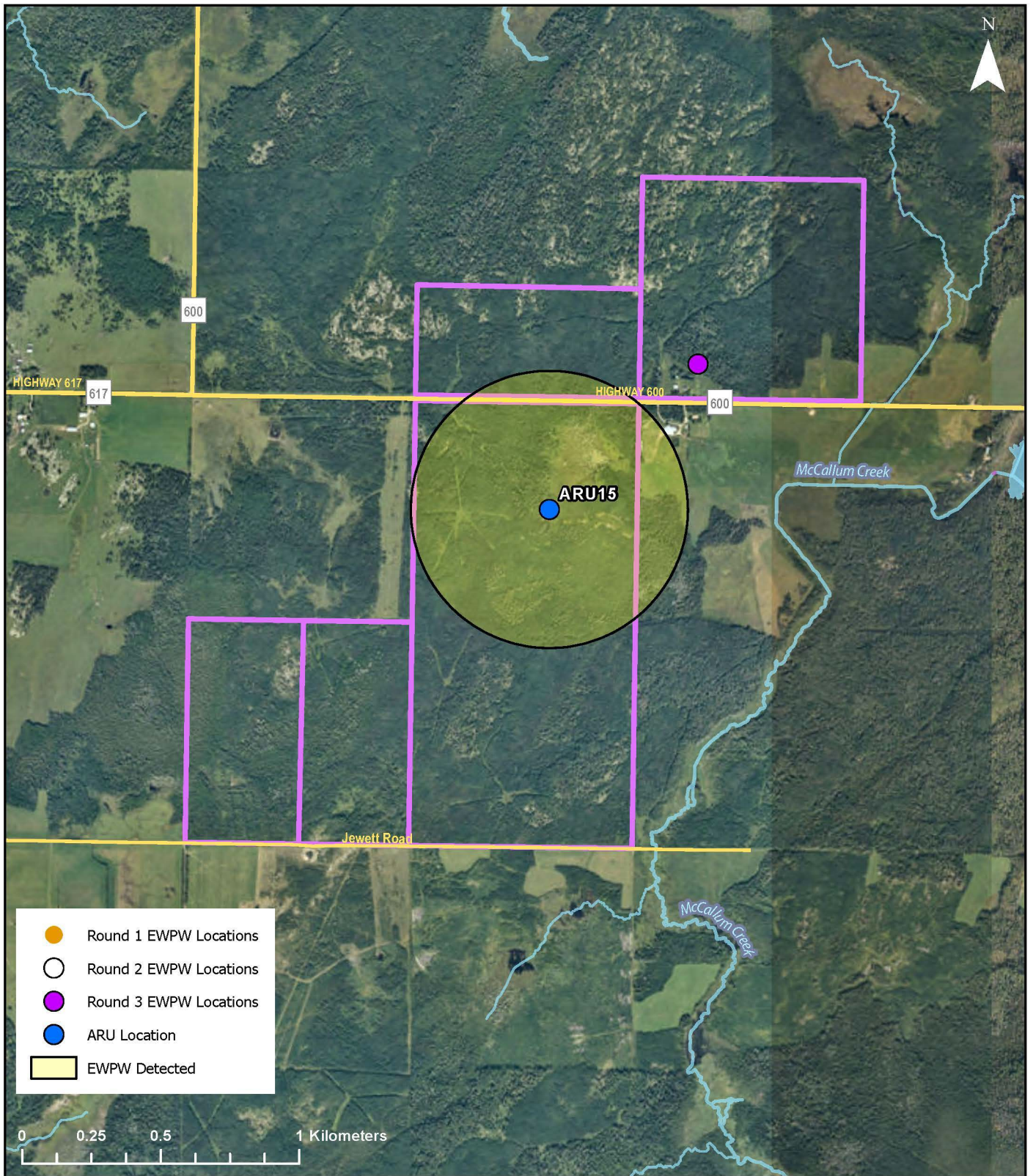


Figure 9. Phase 1 South OB Eastern Whip-poor-will observations, 2022.

3.3 Bald Eagle Nest Monitoring

Biologists observed an adult Bald Eagle feeding an unknown prey item to one small white downy nestling on May 19 at Bald Eagle nest 1 at Blackhawk (Figure 10). On June 10, one nestling was observed in the nest, with one adult perched nearby.

Two adults were observed on the Jones Road nest (Bald Eagle nest 2) together on May 19, presumed to be taking turns incubating (Figure 11). No prey items were brought to the nest during the observation, so it is likely the nest was at the incubation stage. On June 11 no activity or Bald Eagles were observed on the nest or in the surrounding area during the one-hour monitoring period. We suspect that the nest failed or was predated.



Figure 10. Bald Eagle feeding nestling at Bald Eagle nest 1. May 19, 2022 (photo by A. Spenceley).



Figure 11. Active Bald Eagle nest 2 on Jones Rd May 19, 2022 (photo by A. Spenceley).

3.4 Barn Swallow Monitoring

No evidence of breeding by Barn Swallows was observed at any of the nest structures during 2022 monitoring efforts. Four Barn Swallows were observed foraging overhead at nesting structure A but were likely nesting in adjacent barns to the east and did not go into the nesting structure. At nesting structure C, nest cups were empty except one cup, which contained a loose collection of grass and moss, likely from an Eastern Phoebe. Two Barn Swallows were seen foraging in the general area of nest structure D but didn't go into the nest structure. Five unoccupied and inactive Barn Swallow nests were seen in the garage (one containing 3 old eggs from last year) near structure D and there was one inactive nest in a nearby shed (Figure 12).



Figure 12. Inactive Barn Swallow nests in shed and garage near nest structure D May 19, 2022 (photos by A. Spenceley).

3.5 Eastern Whip-poor-will Sound Monitoring

A total of nine out of 141 hours were in excess of the 50 dBA threshold at the NM-1 location after the meteorological validation step during campaign #1 (the instrument did not log data in campaign #2). At NM-2, a total of seven hours out of the 276 hours of valid data (inclusive of both campaigns) were in excess of the 50 dBA threshold after the meteorological validation step. Sound recordings for each of these hours were reviewed to determine whether the operations at the Rainy River Mine were audible; however, in each instance the dominant sound was either bird calls which appeared to be sounding very close to the microphones, wind gusts, or presence of thunder prior to rain events. As such, these hours were removed from the data set as they were not representative of Rainy River Mine operations. This resulted in all other hourly sound levels remaining below the 50 dBA threshold.

For complete results and discussion of the sound monitoring see Appendix G “IEC 2022 Sound Monitoring Report: Eastern Whip-poor-will Habitat New Gold Inc.”

3.6 Incidental SAR Observations

To support the monitoring of SAR species onsite, the Environmental Department implemented a site wide protocol for reporting wildlife in 2015. Through this system the following SAR sightings were reported by New Gold staff and contractors in 2022; 5 Bobolink, 13 Barn Swallow, 32 Bald Eagle, 68 American White Pelicans, 105 Bank Swallows and, 1 Snapping turtle.

In addition to on site reporting completed by New Gold, Cerulean staff also documented incidental SAR observations while on the project site and OB areas during field work conducted May 18-22 and June 8-14:

- Fifteen American White Pelican (listed Threatened provincially) flew over the mine site on May 18 and 19.
- Three adult and one nestling Bald Eagle (listed as Special Concern provincially) were observed during monitoring of two known nests (see section 3.4).
- Thirteen Common Nighthawk (listed as Special concern provincially and federally) were recorded during Eastern-Whip-poor-will surveys conducted from May 18-21 and June 8-13.
- Twelve Barn Swallows (listed as Threatened provincially and federally) were seen foraging or flying in the mine periphery May 19 and June 10.
- Four Bobolink (listed as Threatened provincially and federally) observed or heard in the site periphery on May 19, May 22 and June 10.

3.7 Mortality Events

Four American White Pelicans (listed as Threatened provincially) were found deceased on the project site in 2022. One was found on the Clark Creek Dam July 28th. Three were found between June 10th and 11th on site dams and seepage ponds. All mortalities were reported to MECP within 24 hours and instruction was given to test for avian flu H5N1. One individual was sent to the Canadian Wildlife Health Co-operative and tested positive for H5N1 (see lab report in Appendix H). MECP direction was to assume all American White Pelican mortalities were a result of the avian flu. A complete list of mortality events at the mine is detailed in Appendix I.

3.8 Species at Risk Training

A complete list of Species at Risk training provided to staff and contractors during 2022 is outlined in Appendix J.

3.9 Equipment Operating Hours

The equipment operating hours for heavy machinery in 2022 are summarized in Appendix K

4.0 LITERATURE CITED

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5.0 APPENDICES

Appendix A. Eastern Whip-poor-will survey station locations, 2022.

STN ID	Grid	Easting	Northing
OB01	15U	415870	5426449
OB02	15U	415927	5425935
OB03	15U	415619	5425475
OB04	15U	415348	5424976
OB05	15U	415840	5424979
OB06	15U	415078	5424666
OB07	15U	415074	5424178
OB08	15U	415058	5423817
OB09	15U	415063	5423323
OB10	15U	415870	5423362
OB11	15U	416409	5423361
OB12	15U	416868	5423350
OB13	15U	417384	5423344
OB14	15U	417902	5423400
OB15	15U	418289	5423327
OB16	15U	418574	5423487
OB17	15U	418967	5423560
OB18	15U	418260	5422934
OB19	15U	418265	5422529
OB20	15U	418286	5422134
OB21	15U	416668	5423123
OB22	15U	416671	5422620
OB23	15U	415041	5422817
OB24	15U	415037	5422316

STN ID	Grid	Easting	Northing
W01	15U	419424	5413534
W02	15U	419734	5413014
W03	15U	419730	5412335
W04	15U	419285	5412818
W05	15U	419714	5410781
W06	15U	421570	5410599
W07	15U	423761	5406972
W08	15U	424846	5406943
W09	15U	426033	5406908
W10	15U	426406	5408613
W11	15U	427699	5407845
W12	15U	427701	5406983
W13	15U	428051	5408490
W14	15U	429011	5408489
W15	15U	429863	5408487
W16	15U	431009	5408460
W17	15U	431174	5409737
W18	15U	431192	5411023
W19	15U	424835	5414315
W20	15U	424801	5412022
W21	15U	424072	5414518
W22	15U	423827	5415442
W23	15U	424791	5413288
W24	15U	424474	5415242

STN ID	Grid	Easting	Northing
OB25	15U	415050	5421832
OB26	15U	415031	5421320
OB27	15U	415020	5420791
OB28	15U	415023	5420294
OB29	15U	414516	5421778
OB30	15U	413993	5421791
OB31	15U	415717	5413530
OB32	15U	416250	5413531
OB33	15U	416750	5413523
OB34	15U	417255	5413528
OB35	15U	414921	5411923
OB36	15U	415423	5411913
OB37	15U	415921	5411916
OB38	15U	416428	5411919

STN ID	Grid	Easting	Northing
W25	15U	419450	5411862
W26	15U	419694	5411286
W27	15U	421114	5410257
W28	15U	422002	5410227
W29	15U	421522	5409758
W30	15U	421516	5409255
W31	15U	423813	5414941
W32	15U	424451	5414440
W33	15U	424537	5414827
W34	15U	424792	5413787
W35	15U	424830	5412664
W36	15U	424295	5406969
W37	15U	425453	5406928
W38	15U	427204	5406910
W39	15U	426652	5406909
W40	15U	427709	5407434
W41	15U	427706	5408300
W42	15U	428555	5408496
W43	15U	429501	5408492
W44	15U	427057	5408523
W45	15U	430503	5408476
W46	15U	431170	5408942
W47	15U	431188	5409339
W48	15U	431178	5410330
W49	15U	420302	5410254
W50	15U	424444	5407453

Appendix B. Acoustic Recording Unit (ARU) locations and deployment dates in Overall Benefit Areas, 2022.

ARU ID	Date Deployed	Date Retrieved	Easting	Northing
ARU01	20-May-2022	14-Jun-2022	414390	5421204
ARU02	22-May-2022	13-Jun-2022	418829	5423900
ARU03	21-May-2022	13-Jun-2022	414640	5424682
ARU04	21-May-2022	14-Jun-2022	414152	5424052
ARU05	21-May-2022	14-Jun-2022	413884	5423643
ARU06	21-May-2022	14-Jun-2022	414689	5423922
ARU07	21-May-2022	13-Jun-2022	414349	5423546
ARU08	20-May-2022	13-Jun-2022	414529	5420414
ARU09	20-May-2022	14-Jun-2022	414516	5420895
ARU10	21-May-2022	13-Jun-2022	416517	5426322
ARU11	20-May-2022	13-Jun-2022	415545	5422230
ARU12	20-May-2022	13-Jun-2022	416401	5422272
ARU13	20-May-2022	13-Jun-2022	415976	5423819
ARU14	20-May-2022	13-Jun-2022	416090	5422932
ARU15	20-May-2022	13-Jun-2022	416186	5413128
ARU16	22-May-2022	13-Jun-2022	415484	5421880

Appendix C. Barn Swallow and Bald Eagle nest monitoring locations, 2022.

Station	UTM Easting	UTM Northing	Notes
BARS A	418713	5413303	South of Hwy 600 east of North Branch
BARS B	421756	5409777	South of Hwy 600 east of Dearlock
BARS C	430541	5408315	South of Teeple Road
BARS D	431385	5410364	East of Gallinger Road
Bald Eagle nest 1	429112	5407197	Blackhawk
Bald Eagle nest 2	418997	5411668	Jones Road

Appendix D. Summary of Eastern Whip-poor-will in-person survey data, 2022.

Observer	Date	Station ID	Easting	Northing	Round	Start time (24hr)	End time (24 hr)	Temp ©	Wind (Beaufort)	Cloud cover (%)	Precipitation	Moon visible (%)	Noise disturbance	Noise comments
LVHS	18-May-2018	W36	424119	5406966	1	23:54	23:59	10.0	2	3	0	93	1	anurans (SPPE)
AES	18-May-2022	OB31	415717	5413530	1	23:33	23:38	11.8	3	3	0	93	1	anurans
AES	18-May-2022	OB32	416250	5413531	1	23:20	23:25	13.9	3	3	0	93	1	anurans
AES	18-May-2022	OB33	416750	5413523	1	23:08	23:13	12.4	3	3	0	93	1	anurans
AES	18-May-2022	OB34	417255	5413528	1	22:56	23:01	10.0	3	3	0	93	1	anurans
AES	18-May-2022	OB35	414921	5411923	1	23:53	23:58	13.2	3	3	0	93	1	anurans
AES	18-May-2022	W01	419424	5413534	1	22:41	22:46	12.1	3	3	0	93	1	mine, SPPE chorus
AES	18-May-2022	W02	419734	5413014	1	22:27	22:32	11.9	3	3	0	93	2	mine, anurans
AES	18-May-2022	W03	419730	5412335	1	22:17	22:23	11.5	2	3	0	93	2	mine, anurans
AES	18-May-2022	W05	419714	5410781	1	21:44	21:49	11.2	3	3	0	93	1	
LVHS	18-May-2022	W07	423761	5406972	1	21:39	21:56	10.0	2	3	0	93	1	spring peepers
LVHS	18-May-2022	W08	424846	5406943	1	22:23	22:28	10.0	1	3	0	93	2	spring peepers, boreal chorus frogs, moderate mine noise to N
LVHS	18-May-2022	W09	426033	5406908	1	20:43	20:48	10.0	2	3		93	3	spring peepers, boreal chorus frogs, american toad
LVHS	18-May-2022	W11	427699	5407845	1	23:29	23:34	10.3	2	3	0	93	3	spring peepers, boreal chorus frogs, american toad
LVHS	18-May-2022	W12	427701	5406983	1	23:14	23:19	9.9	2	3	0	93	2	spring peepers, boreal chorus frogs, american toad
LVHS	18-May-2022	W13	428051	5408490	1	23:45	23:50	10.6	2	3	0	93	3	mine noise, spring peepers, boreal chorus frogs, american toad
LVHS	18-May-2022	W14	429011	5408489	1	23:59	0:04	10.1	2	3	0	93	4	mine noise excessive, spring peepers, boreal chorus frogs, american toad distant
AES	18-May-2022	W49	419450	5411862	1	22:05	22:10	12.8	1	3	0	93	1	
LVHS	18-May-2022	W37	425453	5406928	1	20:35	20:40	10.0	2	3		93	2	spring peepers, boreal chorus frogs, american toad
LVHS	18-May-2022	W38	427204	5406910	1	23:02	23:07	7.1	2	3	1	93	3	spring peepers, boreal chorus frogs, american toad
LVHS	18-May-2022	W39	426651	5406909	1	20:52	20:57	10.0	3	3	1	93	2	spring peepers, boreal chorus frogs, american toad
LVHS	18-May-2022	W40	427709	5407434	1	22:21	22:26	10.7	3	3	0	93	2	spring peepers, boreal chorus frogs, american toad
LVHS	18-May-2022	W41	427706	5408300	1	23:38	22:43	9.8	2	3	0	93	3	mine noise, spring peepers, boreal chorus frogs, american toad
LVHS	18-May-2022	W42	428555	5408496	1	23:53	23:58	10.0	2	3	0	93	4	mine noise excessive, spring peepers, boreal chorus frog moderate
AES	18-May-2022	W25	419694	5411286	1	21:53	21:59	11.1	3	3	0	93	0	
LVHS	18-May-2022	W50	424120	5406966	1	21:54	21:59	10.0	2	3	0	93	3	spring peepers, boreal chorus frogs LS labelled 7.5 in data sheets

Observer	Date	Station ID	Easting	Northing	Round	Start time (24hr)	End time (24 hr)	Temp ©	Wind (Beaufort)	Cloud cover (%)	Precipitation	Moon visible (%)	Noise disturbance	Noise comments
AES	19-May-2022	OB36	415423	5411913	1	0:03	0:08	13.0	2	0	0	93	1	anurans
AES	19-May-2022	OB37	415921	5411916	1	0:15	0:20	10.9	1	0	0	93	1	anurans
AES	19-May-2022	OB38	416428	5411919	1	0:26	0:31	11.0	1	0	0	93	1	anurans, disant mine noise
LVHS	19-May-2022	W15	429863	5408487	1	21:44	21:49	10.0	3	2	0	85	2	anurans, spring peepers, boreal chorus frogs
LVHS	19-May-2022	W16	431009	5408460	1	21:57	22:02	9.8	3	3	0	85	2	anurans, spring peepers, boreal chorus frogs, american toads
LVHS	19-May-2022	W17	431174	5409737	1	22:29	22:34	10.4	2	3	0	85	3	anurans, spring peepers, boreal chorus frogs, american toads, traffic
LVHS	19-May-2022	W18	431192	5411023	1	22:42	22:47	10.4	2	3	0	85	2	anurans, spring peepers, boreal chorus frogs, american toads
AES	19-May-2022	W19	424835	5414315	1	22:29	22:34	10.4	3	3	0	85	2	mine, SPPE chorus
AES	19-May-2022	W20	424801	5412022	1	21:55	22:00	14.9	3	3	0	85	2	mine, anurans
LVHS	19-May-2022	W21	423975	5414517	1	23:21	23:26	11.5	2	3	1	85	2	anurans, spring peepers, boreal chorus frogs, american toads
AES	19-May-2022	W22	423885	5415419	1	23:11	23:16	11.5	2	3	0	85	1	mine, anurans
AES	19-May-2022	W23	424791	5413288	1	22:12	22:17	10.6	2	3	0	85	4	deafening SPPE chorus
AES	19-May-2022	W24	424474	5415310	1	22:55	23:00	10.4	2	3	0	85	1	mine
AES	19-May-2022	W31	423813	5414943	1	23:19	23:24	10.5	2	3	0	85	1	anurans
LVHS	19-May-2022	W32	424451	5414440	1	23:12	23:17	11.4	2	3	1	85	3	anurans, spring peepers, boreal chorus frogs, american toads
AES	19-May-2022	W33	424537	5414827	1	22:38	22:48	12.0	1	3	0	85	1	mine, SPPE
AES	19-May-2022	W34	424792	5413787	1	22:20	22:25	10.6	2	3	0	85	2	mine, SPPE chorus
AES	19-May-2022	W35	424830	5412664	1	22:04	22:09	13.5	2	3	0	85	2	mine, anurans
LVHS	19-May-2022	W43	429502	5408492	1	21:35	21:40	10.1	3	2	0	85	2	anurans, spring peepers, boreal chorus frogs
LVHS	19-May-2022	W45	430503	5408476	1	21:51	21:56	10.4	3	3	0	85	2	anurans, spring peepers, boreal chorus frogs, american toads
LVHS	19-May-2022	W46	431170	5408942	1	22:06	22:11	10.4	1	3	0	85	3	anurans, spring peepers, boreal chorus frogs, american toads
LVHS	19-May-2022	W47	431188	5409339	1	22:13	22:18	10.3	2	3	0	85	3	anurans, spring peepers, boreal chorus frogs, american toads
LVHS	19-May-2022	W48	431178	5410330	1	22:35	22:40	10.6	2	3	0	85	3	anurans, spring peepers, boreal chorus frogs, american toads
LVHS	20-May-2022	OB01	415870	5426449	1	23:42	23:47	5.5	1	3	1	76	1	anurans, spring peepers
LVHS	20-May-2022	OB02	415927	5425935	1	23:36	23:41	6.6	1	3	1	76	1	anurans, spring peepers, american toad
LVHS	20-May-2022	OB03	415619	5425475	1	23:30	23:35	6.5	1	3	1	76	1	anurans, spring peepers, american toad
LVHS	20-May-2022	OB04	415348	5424976	1	23:13	23:18	4.7	1	3	1	76	3	anurans, spring peepers, american toad
LVHS	20-May-2022	OB05	415840	5424979	1	23:20	23:25	5.4	1	3	1	76	2	anurans, spring peepers, boreal chorus frogs
LVHS	20-May-2022	OB06	415078	5424666	1	23:04	23:09	5.0	1	3	0	76	3	anurans, spring peepers, american toad

Observer	Date	Station ID	Easting	Northing	Round	Start time (24hr)	End time (24 hr)	Temp ©	Wind (Beaufort)	Cloud cover (%)	Precipitation	Moon visible (%)	Noise disturbance	Noise comments
	2022													
LVHS	20-May-2022	OB07	415074	5424178	1	22:57	23:02	5.4	1	3	0	76	1	anurans, spring peepers, american toad
LVHS	20-May-2022	OB08	415058	5423817	1	22:50	22:55	4.8	1	3	1	76	2	anurans, spring peepers, american toad
AES	20-May-2022	OB10	415870	5423362	1	21:40	21:45	7.1	0	3	0	76	1	SPPE
AES	20-May-2022	OB11	416409	5423361	1	21:49	21:54	5.8	0	3	0	76	0	
AES	20-May-2022	OB12	416868	5423350	1	22:20	22:25	8.2	0	3	0	76	1	SPPE
AES	20-May-2022	OB13	417384	5423344	1	22:28	22:33	5.5	0	3	0	76	1	
AES	20-May-2022	OB14	417902	5423400	1	22:37	22:45	6.0	1	3	0	76	1	anurans
AES	20-May-2022	OB15	418289	5423327	1	22:45	22:50	6.8	1	3	0	76	1	SPPE
AES	20-May-2022	OB16	418574	5423487	1	22:53	22:58	7.9	0	3	0	76	1	SPPE
AES	20-May-2022	OB17	418967	5423560	1	23:04	23:09	8.2	0	3	0	76	1	distant anurans
AES	20-May-2022	OB18	418260	5422934	1	22:15	22:20	6.8	1	3	0	76	1	distant SPPE
AES	20-May-2022	OB19	418265	5422529	1	23:23	23:28	6.4	0	3	0	76	1	
AES	20-May-2022	OB20	418286	5422134	1	23:30	23:35	6.4	0	3	0	76	1	river noise
AES	20-May-2022	OB21	416668	5423123	1	23:58	22:03	6.4	0	3	0	76	0	
AES	20-May-2022	OB22	416671	5422620	1	22:08	22:13	6.5	0	3	0	76	2	SPPE
LVHS	20-May-2022	OB23	415041	5422817	1	22:43	22:48	5.4	1	3	1	76	3	anurans, spring peepers
LVHS	20-May-2022	OB24	415037	5422316	1	22:27	22:32	5.4	1	3	1	76	1	anurans, spring peepers
LVHS	20-May-2022	OB25	415050	5421832	1	21:55	22:00	5.5	1	3	0	76	2	anurans, spring peepers, boreal chorus frogs
LVHS	20-May-2022	OB26	415031	5421320	1	21:48	21:53	7.2	1	3	0	76	2	anurans, spring peepers
LVHS	20-May-2022	OB27	415070	5420791	1	21:41	21:46	7.1	1	3	1	76	1	anurans, spring peepers
LVHS	20-May-2022	OB28	415023	5420294	1	21:35	21:40	6.9	1	3	1	76	1	anurans, spring peepers
LVHS	20-May-2022	OB29	414516	5421778	1	22:04	22:09	4.7	1	3	1	76	1	anurans, american toad, spring peepers
LVHS	20-May-2022	OB30	413993	5421791	1	22:14	22:19	5.6	1	3	1	76	1	anurans, spring peepers
LVHS	21-May-2022	OB09	415063	5423323	1	0:05	0:10	5.4	1	3	1	76	3	anurans (spring peepers, american toad)
AES	21-May-2022	W06	421570	5410599	1	22:00	22:05	10.0	1	3	0	65	1	mine, anurans
AES	21-May-2022	W10	426406	5408613	1	21:34	21:40	8.3	1	3	0	65	2	mine, SPPE
AES	21-May-2022	W26	420302	5410254	1	22:45	22:50	8.2	0	3	0	65	1	mine, SPPE
AES	21-May-2022	W27	421114	5410257	1	22:38	22:48	9.2	0	3	0	65	2	mine, anurans

Observer	Date	Station ID	Easting	Northing	Round	Start time (24hr)	End time (24 hr)	Temp ©	Wind (Beaufort)	Cloud cover (%)	Precipitation	Moon visible (%)	Noise disturbance	Noise comments
AES	21-May-2022	W28	422002	5410227	1	22:10	22:15	8.8	0	3	0	65	2	mine, anurans
AES	21-May-2022	W29	421522	5409758	1	22:19	22:24	10.3	0	3	0	65	2	mine, SPPE
AES	21-May-2022	W30	421516	5409255	1	22:28	22:33	9.2	0	3	0	65	1	mine, anurans
AES	21-May-2022	W44	427057	5408523	1	21:28	21:33	9.3	1	3	0	65	2	mine, anurans
AES	8-Jun-2022	W07	423761	5406972	2	22:52	22:59	13.1	0	0	0	65	1	GTFR, mine
AES	8-Jun-2022	W08	424846	5406943	2	22:31	22:40	13.5	0	1	0	65	1	GTFR, mine
AES	8-Jun-2022	W09	426033	5406908	2	22:08	22:13	15.1	0	0	0	65	2	cows, mine, GTFR
AES	8-Jun-2022	W12	427701	5406983	2	23:52	23:57	11.0	1	0	0	65	2	mine, anurans
LVHS	8-Jun-2022	W18	431192	5411023	2	23:56	0:01	11.2	0	0	0	65	1	anurans (spring peepers, american toad, gray tree frog)
LVHS	8-Jun-2022	W19	424835	5414315	2	22:33	22:39	13.2	0	1	0	65	2	anurans (spring peepers, american toad, gray tree frog)
LVHS	8-Jun-2022	W20	424801	5412022	2	23:39	23:44	12.0	1	0	0	65	3	anurans (spring peepers, american toad, gray tree frog)
LVHS	8-Jun-2022	W21	423975	5414517	2	22:15	22:20	14.4	0	2	0	65	2	anurans, mine
LVHS	8-Jun-2022	W22	423885	5415419	2	21:46	21:55	15.7	0	1	0	65	1	anurans
LVHS	8-Jun-2022	W23	424791	5413288	2	23:21	21:26	13.0	0	0	0	65	2	mine, anurans (spring peepers, american toad, gray tree frog)
LVHS	8-Jun-2022	W24	424474	5415310	2	22:50	22:55	17.2	0	1	0	65	1	anurans (spring peepers, american toad, gray tree frog)
LVHS	8-Jun-2022	W31	423813	5414943	2	22:02	22:08	14.6	0	0	0	65	1	anurans
LVHS	8-Jun-2022	W32	424451	5414440	2	22:24	22:30	13.5	0	1	0	65	2	anurans
LVHS	8-Jun-2022	W33	424537	5414827	2	22:42	22:47	17.2	1	1	0	65	1	anurans (spring peepers, american toad, gray tree frog)
LVHS	8-Jun-2022	W34	424792	5413787	2	23:12	23:17	13.9	0	0	0	65	2	anurans (spring peepers, american toad, gray tree frog)
LVHS	8-Jun-2022	W35	424830	5412664	2	23:31	23:36	12.3	1	0	0	65	2	anurans (spring peepers, american toad, gray tree frog)
AES	8-Jun-2022	W36	424295	5406969	2	22:42	22:49	13.3	0	1	0	65	1	mine, GTFR, SPPE
AES	8-Jun-2022	W37	425453	5406928	2	22:15	22:22	15.0	0	2	0	65	2	GTFR, mine
AES	8-Jun-2022	W38	427204	5406910	2	21:38	21:48	14.6	0	0	0	65	1	cows, SPPE, GTFR
AES	8-Jun-2022	W39	426651	5406909	2	21:54	23:34	15.0	0	1	0	65	2	cows, mine, anurans
LVHS	9-Jun-2022	OB01	415870	5426449	2	21:48	21:54	18.7	0	0	0	75	2	anurans (spring peepers, american toad, gray tree frog)
LVHS	9-Jun-2022	OB02	415927	5425935	2	21:59	22:04	17.3	0	0	0	75	2	anurans (american toad, gray tree frog)
LVHS	9-Jun-2022	OB03	415619	5425475	2	22:14	22:19	15.6	0	0	0	75	2	anurans (spring peepers, american toad, gray tree frog)
LVHS	9-Jun-2022	OB04	415348	5424976	2	22:32	22:37	14.1	0	0	0	75	2	anurans (spring peepers, american toad, gray tree frog)
LVHS	9-Jun-2022	OB05	415840	5424979	2	22:24	22:29	16.8	0	0	0	75	3	anurans (spring peepers, american toad, gray tree frog)

Observer	Date	Station ID	Easting	Northing	Round	Start time (24hr)	End time (24 hr)	Temp ©	Wind (Beaufort)	Cloud cover (%)	Precipitation	Moon visible (%)	Noise disturbance	Noise comments
	2022													
LVHS	9-Jun-2022	OB06	415078	5424666	2	22:40	22:45	13.0	0	0	0	75	3	anurans (spring peepers, american toad, gray tree frog)
LVHS	9-Jun-2022	OB07	415074	5424178	2	22:41	22:51	14.1	0	0	0	75	2	anurans (spring peepers, american toad, gray tree frog)
LVHS	9-Jun-2022	OB08	415058	5423817	2	22:54	22:59	13.8	0	0	0	75	3	anurans (spring peepers, american toad, gray tree frog)
LVHS	9-Jun-2022	OB09	415063	5423323	2	23:00	23:05	12.8	0	0	0	75	3	anurans (spring peepers, american toad, gray tree frog)
LVHS	9-Jun-2022	OB23	415041	5422817	2	23:07	23:12	12.5	0	0	0	75	3	anurans (american toad, gray tree frog)
LVHS	9-Jun-2022	OB24	415037	5422316	2	23:21	23:26	13.2	0	0	0	75	2	anurans (american toad, gray tree frog)
LVHS	9-Jun-2022	OB25	415050	5421832	2	23:27	23:32	12.7	0	0	0	75	2	anurans (spring peepers, american toad, gray tree frog)
AES	9-Jun-2022	W06	421570	5410599	2	22:39	22:44	13.0	0	0	0	75	1	GTFR
AES	9-Jun-2022	W10	426406	5408613	2	23:08	23:03	11.0	0	0	0	75	3	mine, anurans
AES	9-Jun-2022	W11	427699	5407845	2	0:07	0:12	9.5	0	0	0	65	3	heavy mine noise, anurans
AES	9-Jun-2022	W13	428051	5408490	2	0:22	0:27	13.8	1	0	0	65	3	heavy mine noise, anurans
AES	9-Jun-2022	W14	429011	5408489	2	0:36	0:41	15.4	1	0	0	65	3	heavy mine noise, anurans
LVHS	9-Jun-2022	W15	429863	5408487	2	0:52	0:58	10.4	0	0	0	65	2	mine, anurans (spring peepers, american toad, gray tree frog)
LVHS	9-Jun-2022	W16	431009	5408460	2	0:32	0:37	10.7	0	0	0	65	2	mine, anurans (spring peepers, american toad, gray tree frog)
LVHS	9-Jun-2022	W17	431174	5409737	2	0:12	0:17	10.4	0	0	0	65	1	anurans (spring peepers, american toad, gray tree frog)
AES	9-Jun-2022	W26	420302	5410254	2	22:27	22:32	13.0	0	0	0	75	1	GTFR
AES	9-Jun-2022	W27	421114	5410257	2	22:16	22:21	14.0	0	0	0	75	1	anurans
AES	9-Jun-2022	W28	422002	5410222	2	22:04	22:11	14.0	0	0	0	75	2	mine, anurans
AES	9-Jun-2022	W29	421522	5409758	2	21:53	22:00	14.5	0	1	0	75	2	mine, GTFR
AES	9-Jun-2022	W30	421516	5409255	2	21:46	21:51	14.0	0	0	0	75	2	GTFR chorus
AES	9-Jun-2022	W40	427709	5407434	2	0:00	0:05	10.5	0	0	0	65	2	mine, anurans
AES	9-Jun-2022	W41	427706	5408300	2	0:14	0:19	9.2	1	0	0	65	3	heavy mine noise, anurans
AES	9-Jun-2022	W42	428555	5408496	2	0:29	0:34	15.6	1	0	0	65	4	heavy mine noise, anurans
AES	9-Jun-2022	W43	429502	5408492	2	0:43	0:48	15.5	0	0	0	65	3	heavy mine noise
AES	9-Jun-2022	W44	427057	5408523	2	23:16	23:21	11.0	0	0	0	75	3	mine, anurans
LVHS	9-Jun-2022	W45	430503	5408476	2	0:38	0:43	11.2	0	0	0	65	2	anurans (spring peepers, american toad, gray tree frog)
LVHS	9-Jun-2022	W46	431170	5408942	2	0:25	0:30	10.8	0	0	0	65	1	anurans (spring peepers, american toad, gray tree frog)
LVHS	9-Jun-2022	W47	431188	5409339	2	0:19	0:24	10.7	0	0	0	65	1	anurans (spring peepers, american toad, gray tree frog)

Observer	Date	Station ID	Easting	Northing	Round	Start time (24hr)	End time (24 hr)	Temp ©	Wind (Beaufort)	Cloud cover (%)	Precipitation	Moon visible (%)	Noise disturbance	Noise comments
LVHS	9-Jun-2022	W48	431178	5410330	2	0:03	0:08	9.8	0	0	0	65	1	anurans (spring peepers, american toad, gray tree frog)
AES	9-Jun-2022	W50	424441	5407448	2	23:40	23:45	10.0	0	0	0	75	1	mine, GTFR chorus; Ash labelled W60 in field sheets
LVHS	10-Jun-2022	OB10	415870	5423362	2	0:25	0:35	14.0	0	2	0	85	3	anurans (spring peepers, american toad, gray tree frog)
LVHS	10-Jun-2022	OB11	416409	5423361	2	0:23	0:28	15.4	0	2	0	85	2	anurans (spring peepers, american toad, gray tree frog)
LVHS	10-Jun-2022	OB12	416868	5423350	2	23:49	23:54	16.5	0	2	0	85	1	anurans (american toad, gray tree frog)
LVHS	10-Jun-2022	OB13	417384	5423344	2	23:39	23:44	17.1	0	1	0	85	2	anurans (american toad, gray tree frog)
LVHS	10-Jun-2022	OB14	417902	5423400	2	23:14	23:31	17.5	0	2	0	85	1	anurans (spring peepers, american toad, gray tree frog)
LVHS	10-Jun-2022	OB15	418289	5423327	2	22:19	22:28	17.0	0	3	0	85	1	anurans (spring peepers, american toad, gray tree frog)
LVHS	10-Jun-2022	OB16	418574	5423487	2	22:38	22:43	17.0	0	3	0	85	2	anurans (gray tree frogs)
LVHS	10-Jun-2022	OB17	418967	5423560	2	22:51	22:56	17.8	0	3	0	85	3	anurans (spring peepers, boreal chorus frog, gray tree frog)
LVHS	10-Jun-2022	OB18	418260	5422934	2	22:03	22:08	17.2	0	3	0	85	3	anurans (spring peepers, american toad, gray tree frog)
LVHS	10-Jun-2022	OB19	418265	5422529	2	21:56	22:01	17.8	0	3	0	85	3	anurans (american toad, gray tree frog)
LVHS	10-Jun-2022	OB20	418286	5422134	2	21:48	21:53	17.7	1	3	0	85	2	anurans (gray tree frogs)
LVHS	10-Jun-2022	OB21	416668	5423123	2	21:57	0:02	16.6	0	2	0	85	2	anurans (spring peepers, gray tree frog)
AES	10-Jun-2022	W01	419424	5413534	2	23:50	23:55	13.0	0	2	0	85	1	anurans
AES	10-Jun-2022	W02	419734	5413014	2	23:43	23:48	13.0	1	1	0	85	3	mine, anurans
AES	10-Jun-2022	W03	419730	5412335	2	23:35	23:40	13.0	0	1	0	85	1	anurans
AES	10-Jun-2022	W05	419714	541781	2	23:09	23:14	14.0	1	2	0	85	2	anurans
AES	10-Jun-2022	W06	421570	5410599	3	22:13	22:18	15.0	0	3	0	85	2	mine, anurans
AES	10-Jun-2022	W10	426406	5408613	3	21:53	21:58	15.0	0	3	0	85	3	mine, anurans
AES	10-Jun-2022	W26	420302	5410254	3	23:00	23:05	14.0	0	1	0	85	1	anurans
AES	10-Jun-2022	W27	421114	5410257	3	22:52	22:57	14.0	0	1	0	85	1	mine, anurans
AES	10-Jun-2022	W28	422002	5410227	3	22:28	22:33	14.0	0	3	0	85	2	mine, anurans
AES	10-Jun-2022	W29	421522	5409758	3	22:33	22:38	14.0	0	2	0	85	3	mine, anurans
AES	10-Jun-2022	W49	419450	5411862	2	23:25	23:30	14.0	1	2	0	85	1	anurans
AES	10-Jun-2022	W30	421516	5409255	3	22:46	22:51	14.0	0	1	0	85	3	mine, anurans
AES	10-Jun-2022	W44	427057	5408523	3	21:47	21:52	15.0	0	3	0	85	3	mine, anurans
AES	10-Jun-2022	W25	419694	5411286	2	23:16	23:21	14.0	0	1	0	85	2	anurans
LVHS	11-Jun-	OB01	415870	5426449	3	22:53	22:58	18.1	1	1	0	92	3	anurans (spring peepers, american toad, gray tree frog)

Observer	Date	Station ID	Easting	Northing	Round	Start time (24hr)	End time (24 hr)	Temp ©	Wind (Beaufort)	Cloud cover (%)	Precipitation	Moon visible (%)	Noise disturbance	Noise comments
	2022													
LVHS	11-Jun-2022	OB02	415927	5425935	3	22:59	23:04	18.0	1	1	0	92	3	anurans (spring peepers, american toad, gray tree frog)
LVHS	11-Jun-2022	OB03	415619	5425475	3	23:20	23:25	16.7	1	1	0	92	2	anurans (spring peepers, american toad, gray tree frog)
LVHS	11-Jun-2022	OB04	415348	5424976	3	22:38	22:43	15.7	1	1	0	92	2	anurans (american toad, gray tree frog)
LVHS	11-Jun-2022	OB05	415840	5424979	3	23:31	22:36	17.0	1	1	0	92	2	anurans (spring peepers, american toad, gray tree frog)
LVHS	11-Jun-2022	OB06	415078	5424666	3	23:46	23:51	15.2	1	1	0	92	2	anurans (american toad, gray tree frog)
LVHS	11-Jun-2022	OB07	415074	5424178	3	23:57	0:02	15.0	1	1	0	92	2	anurans (american toad, gray tree frog)
LVHS	11-Jun-2022	OB22	416671	5422620	2	0:04	0:09	16.5	0	2	0	85	3	anurans (spring peepers, gray tree frog)
LVHS	11-Jun-2022	OB24	415037	5422316	3	22:40	22:45	16.1	1	1	0	92	2	anurans (spring peepers, american toad, gray tree frog)
LVHS	11-Jun-2022	OB25	415050	5421832	3	22:32	22:37	17.5	1	1	0	92	1	anurans (spring peepers, american toad, gray tree frog)
LVHS	11-Jun-2022	OB26	415031	5421320	2	22:03	22:08	18.7	1	1	0	92	3	anurans (spring peepers, american toad, gray tree frog)
LVHS	11-Jun-2022	OB27	415070	5420791	2	21:58	22:03	18.6	1	1	0	92	1	anurans (spring peepers, american toad, gray tree frog)
LVHS	11-Jun-2022	OB28	415023	5420294	2	21:49	21:54	19.9	1	1	0	92	2	anurans (spring peepers, american toad, gray tree frog)
LVHS	11-Jun-2022	OB29	414516	5421778	2	22:12	22:17	16.9	1	1	0	92	2	anurans (spring peepers, american toad, gray tree frog)
LVHS	11-Jun-2022	OB30	413993	5421791	2	22:16	22:27	16.3	1	1	0	92	2	anurans (spring peepers, american toad, gray tree frog)
AES	11-Jun-2022	OB31	415717	5413530	2	0:23	0:28	12.0	0	2	0	85	1	anurans
AES	11-Jun-2022	OB32	416250	5413531	2	0:16	0:21	12.0	0	3	0	85	3	anurans
AES	11-Jun-2022	OB33	416750	5413523	2	0:08	0:13	13.0	0	2	0	85	1	anurans
AES	11-Jun-2022	OB34	417255	5413528	2	0:01	0:06	13.0	0	3	0	85	2	anurans
AES	11-Jun-2022	OB35	414921	5411923	2	0:36	0:41	12.0	0	3	0	85	1	anurans
AES	11-Jun-2022	OB36	415423	5411913	2	0:44	0:49	12.0	0	3	0	85	2	anurans
AES	11-Jun-2022	OB37	415921	5411916	2	0:51	0:56	12.0	0	3	0	85	2	anurans
AES	11-Jun-2022	OB38	416428	5411919	2	1:00	1:05	12.0	0	3	0	85	2	anurans
AES	11-Jun-2022	W07	423761	5406972	3	23:11	23:15	16.0	2	0	0	92	1	mine, leaves rustling
AES	11-Jun-2022	W08	424846	5406943	3	23:54	0:03	16.0	1	0	0	92	1	distant mine, leaves rustling, anurans
AES	11-Jun-2022	W11	427699	5407845	3	21:55	22:00	17.0	2	1	0	92	2	mine
AES	11-Jun-2022	W13	428051	5408490	3	22:09	22:14	17.0	2	0	0	92	3	mine, leaves rustling
AES	11-Jun-2022	W14	429011	5408489	3	22:23	22:28	17.0	2	0	0	92	3	mine, anurans
AES	11-Jun-2022	W15	429863	5408487	3	22:39	22:44	17.0	2	1	0	92	1	wind in trees, anurans

Observer	Date	Station ID	Easting	Northing	Round	Start time (24hr)	End time (24 hr)	Temp °C	Wind (Beaufort)	Cloud cover (%)	Precipitation	Moon visible (%)	Noise disturbance	Noise comments
AES	11-Jun-2022	W16	431009	5408460	3	22:54	22:59	16.0	1	0	0	92	2	anurans
AES	11-Jun-2022	W36	424295	5406969	3	23:20	23:41	16.0	1	0	0	92	1	mine
AES	11-Jun-2022	W40	427709	5407434	3	21:34	21:53	17.0	1	1	0	92	1	mine, birds, anurans
AES	11-Jun-2022	W41	427706	5408300	3	22:02	22:07	17.0	2	1	0	92	2	mine, anurans
AES	11-Jun-2022	W42	428555	5408496	3	22:16	22:21	17.0	2	0	0	92	3	mine, leaves rustling
AES	11-Jun-2022	W43	429502	5408492	3	22:31	22:36	16.0	2	0	0	92	1	wind, anurans, mine
AES	11-Jun-2022	W45	430503	5408476	3	22:46	22:51	17.0	1	0	0	92	1	anurans
AES	11-Jun-2022	W50	424441	5407448	3	23:47	23:52	16.0	1	0	0	92	2	mine
LVHS	12-Jun-2022	OB08	415058	5423817	3	0:02	0:07	14.5	1	1	0	92	2	anurans (american toad, gray tree frog)
LVHS	12-Jun-2022	OB23	415041	5422817	3	0:10	0:15	14.3	1	1	0	92	3	anurans (american toad, gray tree frog)
AES	12-Jun-2022	OB31	415717	5413530	3	22:18	22:25	15.0	2	1	0	98	1	anurans, leaves rustling
AES	12-Jun-2022	OB32	416250	5413531	3	22:09	22:16	15.0	1	1	0	98	1	distant anurans
AES	12-Jun-2022	OB33	416750	5413523	3	21:58	22:06	16.0	2	1	0	98	1	distant anurans
AES	12-Jun-2022	OB34	417255	5413528	3	21:48	22:56	16.0	2	1	0	98	1	anurans
AES	12-Jun-2022	OB35	414921	5411923	3	22:59	23:04	15.0	1	1	0	98	2	anurans
AES	12-Jun-2022	OB36	415423	5411913	3	22:51	22:56	16.0	2	0	0	98	1	anurans, leaves rustling
AES	12-Jun-2022	OB37	415921	5411916	3	22:44	22:49	15.0	2	0	0	98	1	anurans
AES	12-Jun-2022	OB38	416428	5411919	3	22:37	22:41	15.0	1	0	0	98	1	anurans, leaves rustling
AES	12-Jun-2022	W01	419424	5413534	3	23:17	23:22	14.0	1	1	0	98	1	anurans
AES	12-Jun-2022	W02	419734	5413014	3	23:25	23:30	14.0	1	1	0	98	2	anurans
AES	12-Jun-2022	W03	419730	5412335	3	23:35	23:39	15.0	1	2	0	98	1	mine, anurans
AES	12-Jun-2022	W05	419714	541781	3	23:55	0:00	15.0	1	2	0	98	1	distant anurans
AES	12-Jun-2022	W09	426033	5406908	3	0:13	0:18	15.0	2	0	0	92	1	leaves rustling
AES	12-Jun-2022	W12	427701	5406983	3	0:37	0:42	14.0	1	1	0	92	1	distant mine, anurans
LVHS	12-Jun-2022	W19	424835	5414315	3	22:35	22:40	17.1	2	1	0	98	1	anurans (american toad, gray tree frog)
LVHS	12-Jun-2022	W20	424801	5412022	3	23:51	23:56	17.3	2	2	0	98	3	mine, anurans (american toad, gray tree frog)
LVHS	12-Jun-2022	W21	423975	5414517	3	22:17	22:22	16.8	2	1	0	98	1	anurans (american toad, gray tree frog)
LVHS	12-Jun-2022	W22	423885	5415419	3	21:50	21:55	17.0	2	1	0	98	1	anurans (american toad, gray tree frog)
LVHS	12-Jun-2022	W23	424791	5413288	3	23:39	23:44	16.3	2	2	0	98	2	mine, anurans (american toad, gray tree frog)

Observer	Date	Station ID	Easting	Northing	Round	Start time (24hr)	End time (24 hr)	Temp ©	Wind (Beaufort)	Cloud cover (%)	Precipitation	Moon visible (%)	Noise disturbance	Noise comments
	2022													
LVHS	12-Jun-2022	W24	424474	5415310	3	22:50	22:55	17.0	1	1	0	98	1	anurans (american toad, gray tree frog)
AES	12-Jun-2022	W49	419450	5411862	3	23:42	23:47	16.0	1	1	0	98	1	mine, anurans
LVHS	12-Jun-2022	W31	423813	5414943	3	22:04	22:16	17.0	2	2	0	98	1	anurans (american toad, gray tree frog)
LVHS	12-Jun-2022	W32	424451	5414440	3	22:29	22:34	16.8	2	1	0	98	1	anurans (american toad, gray tree frog)
LVHS	12-Jun-2022	W33	424537	5414827	3	22:44	22:49	16.8	2	1	0	98	1	anurans (american toad, gray tree frog)
LVHS	12-Jun-2022	W34	424792	5413787	3	23:30	23:35	16.9	1	1	0	98	2	mine, anurans (american toad)
LVHS	12-Jun-2022	W35	424830	5412664	3	23:45	23:50	16.8	1	2	0	98	3	mine, anurans (american toad, gray tree frog)
AES	12-Jun-2022	W37	425453	5406928	3	0:06	0:11	15.0	1	0	0	92	1	distant mine, anurans
AES	12-Jun-2022	W38	427204	5406910	3	0:28	0:33	15.0	1	1	0	92	1	distant anurans
AES	12-Jun-2022	W39	426651	5406909	3	0:20	0:25	15.0	1	0	0	92	1	distant mine, anurans
AES	12-Jun-2022	W25	419694	5411286	3	23:48	23:53	15.0	1	2	0	98	1	distant mine, anurans;
AES	13-Jun-2022	OB09	415063	5423373	3	22:45	22:50	19.0	3	1	0	99	3	wind, anurans
AES	13-Jun-2022	OB10	415870	5423362	3	22:54	22:59	18.0	3	1	0	99	2	wind, anurans
AES	13-Jun-2022	OB11	416409	5423361	3	23:01	23:06	18.0	3	1	0	99	2	anurans, leaves rustling
LVHS	13-Jun-2022	OB12	416868	5423350	3	22:08	22:13	22.2	2	1	0	99	1	anurans (american toad, gray tree frog)
LVHS	13-Jun-2022	OB13	417384	5423344	3	22:17	22:23	21.4	2	1	0	99	1	anurans (american toad, gray tree frog)
LVHS	13-Jun-2022	OB14	417902	5423400	3	22:25	22:30	21.6	2	1	0	99	1	anurans (american toad, gray tree frog)
LVHS	13-Jun-2022	OB15	418289	5423327	3	22:41	22:52	22.3	2	1	0	99	1	anurans (american toad, gray tree frog)
LVHS	13-Jun-2022	OB16	418574	5423487	3	22:53	22:58	22.3	2	1	0	99	1	anurans (american toad, gray tree frog)
LVHS	13-Jun-2022	OB17	418967	5423560	3	23:03	23:08	21.1	2	1	0	99	2	anurans (american toad, gray tree frog)
LVHS	13-Jun-2022	OB18	418260	5422934	3	23:13	23:18	21.1	2	1	0	99	1	leaves, anurans (american toad, gray tree frog)
LVHS	13-Jun-2022	OB19	418265	5422529	3	23:26	23:31	22.0	2	0	0	99	1	anurans (american toad, gray tree frog)
LVHS	13-Jun-2022	OB20	418286	5422134	3	23:38	23:43	20.8	2	1	0	99	1	anurans (american toad, gray tree frog)
LVHS	13-Jun-2022	OB21	416668	5423123	3	21:52	21:57	22.5	2	1	0	99	1	anurans (american toad, gray tree frog)
LVHS	13-Jun-2022	OB22	416671	5422620	3	21:59	22:04	22.8	2	1	0	99	2	anurans (spring peepers, american toad, gray tree frog)
AES	13-Jun-2022	OB26	415031	5421320	3	22:07	22:12	19.0	3	0	0	99	2	wind, anurans
AES	13-Jun-2022	OB27	415070	5420791	3	21:57	22:02	19.0	2	2	0	99	1	wind
AES	13-Jun-2022	OB28	415023	5420294	3	21:50	21:55	19.0	2	3	0	98	1	distant anurans

Observer	Date	Station ID	Easting	Northing	Round	Start time (24hr)	End time (24 hr)	Temp ©	Wind (Beaufort)	Cloud cover (%)	Precipitation	Moon visible (%)	Noise disturbance	Noise comments
AES	13-Jun-2022	OB29	414516	5421778	3	22:18	22:23	19.0	2	0	0	99	2	anurans, leaves rustling
AES	13-Jun-2022	OB30	413993	5421791	3	22:28	22:35	19.0	2	1	0	99	2	wind, anurans
LVHS	13-Jun-2022	W17	431174	5409737	3	0:16	0:22	16.0	1	2	0	98	2	anurans (american toad, gray tree frog)
LVHS	13-Jun-2022	W18	431192	5411023	3	0:03	0:08	16.7	1	2	0	98	2	anurans (american toad, gray tree frog)
LVHS	13-Jun-2022	W46	431170	5408942	3	0:29	0:34	15.1	2	2	0	98	1	mine, anurans (spring peepers, american toad, gray tree frog)
LVHS	13-Jun-2022	W47	431188	5409339	3	0:23	0:28	15.2	1	2	0	98	1	mine, anurans (american toad, gray tree frog)
LVHS	13-Jun-2022	W48	431178	5410330	3	0:10	0:15	16.3	1	2	0	98	2	anurans (american toad, gray tree frog)

Appendix E. Results of Eastern Whip-poor-will location data for Phase 1 and 2 monitoring, 2022.

Round	Observer	Date	Station ID	EWPPW ID	Repeat Bird (y/n)	0-3 min	3-5 min	Est. Distance (m)	Estimated Direction	Projected Easting	Projected Northing	Comments
2	LS	9-Jun-2022	OB02	OB02-01	n	y	y	500	275	415429	5425989	
2	LS	9-Jun-2022	OB02	OB02-01	y							
2	LS	9-Jun-2022	OB02	OB02-01AV-R2	Averaged centroid					415691	5426002	
2	LS	9-Jun-2022	OB03	OB03-01	y	y		600	17	415796	5426046	
1	AS	20-May-2022	OB13	OB13-01-R1	n	y		90	360	417428	5423434	Sang for 5 seconds only, unable to triangulate
2	LS	10-Jun-2022	OB13	OB13-01	y	y	y	300	326	417225	5423592	
2	LS	10-Jun-2022	OB13	OB13-01AV-R2	Averaged centroid					417425	5423532	
3	LS	13-Jun-2022	OB13	OB13-01-R3	n	y	y	20	270	417365	5423345	singing on road, can see eyeshine, moved 100m N
2	LS	10-Jun-2022	OB13	OB13-02	n	y	y	400	50	417692	5423591	
2	LS	10-Jun-2022	OB14	OB14-01	y	y	y	500	54	418312	5423683	
3	LS	13-Jun-2022	OB14	OB14-01	n	y	y	400	64	418263	5423567	
3	LS	13-Jun-2022	OB14	OB14-01AV-R3	Averaged centroid					417743	5423872	
3	LS	13-Jun-2022	OB14	OB14-01AV-R3	Averaged centroid					418270	5423647	
2	LS	10-Jun-2022	OB14	OB14-02	n	y	y	500	274	417402	5423446	
3	LS	13-Jun-2022	OB14	OB14-02	n		y	600	330	417616	5423924	
2	LS	10-Jun-2022	OB14	OB14-03-R2	n	y	y	600	335	417666	5423947	
2	LS	10-Jun-2022	OB15	OB15-01	n	y	y	300	328	418136	5423586	
3	LS	13-Jun-2022	OB15	OB15-01	n	y	y	300	70	418568	5423426	
2	LS	10-Jun-2022	OB15	OB15-01AV-R2	Averaged centroid					418224	5423643	
2	LS	10-Jun-2022	OB15	OB15-02	n	y	y	300	57	418545	5423486	
2	LS	10-Jun-2022	OB15	OB15-02AV-R2	Averaged centroid					418465	5423458	
2	LS	10-Jun-2022	OB16	OB16-01	y	y	y	200	242	418397	5423398	
3	LS	13-Jun-2022	OB16	OB16-01	y	y	y	200	271	418376	5423496	
3	LS	13-Jun-2022	OB16	OB16-01AV-R3	Averaged centroid					418470	5423462	
2	LS	10-Jun-2022	OB18	OB18-01-R2	n		y	500	60	418697	5423176	
1	AS	20-May-2022	OB21	OB21-01-R1	n	y		150	40	416746	5432235	Called for a minute, then stopped
1	LS	20-May-2022	OB24	OB24-01	y	y	y	500	255	414556	5422195	sang for 10 seconds in each time slot
2	LS	9-Jun-2022	OB24	OB24-01	n	y		400	246	414668	5422162	
1	LS	20-May-2022	OB24	OB24-01AV-R1	Averaged centroid					414694	5422050	
2	LS	10-Jun-2022	OB24	OB24-01AV-R2	Averaged centroid					414682	5422180	
1	LS	20-May-2022	OB25	OB25-01	n		y	200	290	414864	5421903	sang for 15 seconds
2	LS	9-Jun-2022	OB25	OB25-01	y (OB24-01)	y		500	311	414683	5422169	heard last survey round here, 3rd triangulation from OB24
2	LS	11-Jun-2022	OB29	OB29-01	n		y	600	320	414146	5422250	sang for 30sec
2	LS	11-Jun-2022	OB29	OB29-02AV-R2	Averaged centroid					414082	5422117	
3	AS	13-Jun-2022	OB30	OB30-01	n	y		240	354	413990	5422018	Stopped singing, unable to triangulate

Round	Observer	Date	Station ID	EWPW ID	Repeat Bird (y/n)	0-3 min	3-5 min	Est. Distance (m)	Estimated Direction	Projected Easting	Projected Northing	Comments
2	LS	11-Jun-2022	OB30	OB30-01	y	y	y	200	1	414001	5421990	moved 300m N, singing intermittently
3	AS	12-Jun-2022	OB33	OB33-01	n		y	135	0	416722	5413652	Sang for 5 seconds only, unable to triangulate
2	AS	8-Jun-2022	W07	W07-01	n	y		50	15	423833	5407022	
2	AS	8-Jun-2022	W07	W07-01	Averaged centroid					423787	5407026	
3	AS	11-Jun-2022	W07	W07-01	y	y		140	40	423846	5407079	Singing faint and intermittent
1	LS	18-May-2022	W07	W07-01-R1	n	y	y	20	3	423789	5406986	exact location, perched and sang on fallen tree, flew south across road
1	LS	18-May-2022	W07	W07-02-R1	n	y	y	100	350	423747	5407070	singing concurrently with OB07-01, 03
1	LS	18-May-2022	W07	W07-03-R1	n	y	y	150	150	423834	5406840	
2	AS	8-Jun-2022	W08	W09-01-R2	y	y		80	210	424800	5406875	Same as W09-01 bird
3	AS	11-Jun-2022	W08	W09-01-R3	y	y		90	102	424957	5406927	
2	AS	8-Jun-2022	W08	W36-01	n	y		390	280	424469	5407024	At tait rd intersection
2	AS	8-Jun-2022	W09	W09-01	n	y		1000	270	425201	5407063	Triangulated at W37, W08 below
2	AS	8-Jun-2022	W09	W09-01	Averaged centroid					425042	5407045	
2	LS	8-Jun-2022	W19	W19-01	y	y	y	350	348	424516	5414566	
3	LS	12-Jun-2022	W19	W19-01-R3	n	y		40	100	424816	5414321	moved 100m S
3	LS	12-Jun-2022	W21	W21-01	n	y	y	400	67	424444	5414666	calling simultaneously
2	LS	8-Jun-2022	W21	W21-01-R2	y	y		500	12	424185	5415005	
3	LS	12-Jun-2022	W21	W21-02	n	y	y	400	101	424459	5414436	
3	LS	12-Jun-2022	W21	W21-02AV-R3	Averaged centroid					424436	5414456	
2	LS	8-Jun-2022	W22	W22-01	n	y	y	100	50	423963	5415482	calling simultaneously with W22-02
2	LS	8-Jun-2022	W22	W22-01	n	y		100	130	423953	5415225	
3	LS	12-Jun-2022	W22	W22-01	n	y	y	100	110	423986	5415380	calling simultaneously
2	LS	8-Jun-2022	W22	W22-01AV-R2	Averaged centroid					423989	5415356	
3	LS	12-Jun-2022	W22	W22-01AV-R3	Averaged centroid					423942	5415353	
2	LS	8-Jun-2022	W22	W22-02-R2	n	y		150	230	423771	5415330	
3	LS	12-Jun-2022	W22	W22-02-R3	n		y	100	220	423821	5415346	
3	LS	12-Jun-2022	W24	W24-01	n	y	y	400	220	424241	5414942	
3	LS	12-Jun-2022	W24	W24-01AV-R3	Averaged centroid					424270	5414975	
2	LS	8-Jun-2022	W24	W24-01-R2	y	y	y	100	316	424404	5415382	moved 300m NW
2	LS	8-Jun-2022	W24	W24-02	n	y	y	400	276	424083	5415362	calling at the same time as 24-1
3	LS	12-Jun-2022	W24	W24-02	n	y	y	300	142	424655	5415069	
3	LS	12-Jun-2022	W24	W24-02AV-R3	Averaged centroid					424655	5415069	
3	LS	12-Jun-2022	W24	W24-03	n	y	y	350	240	424168	5415140	

Round	Observer	Date	Station ID	EWPW ID	Repeat Bird (y/n)	0-3 min	3-5 min	Est. Distance (m)	Estimated Direction	Projected Easting	Projected Northing	Comments
2	LS	8-Jun-2022	W31	W31-01	y	y	y	300	18	423911	5415227	moved 200-300m NW
3	LS	12-Jun-2022	W31	W31-01	n	y	y	200	160	423896	5414728	moved to within 10m got visual of it calling on ground
3	LS	12-Jun-2022	W31	W31-01AV-R3	Averaged centroid					423864	5414823	
3	LS	12-Jun-2022	W31	W31-02	y		y	400	11	423898	5415330	
2	LS	8-Jun-2022	W32	W32-01	n	y	y	300	20	424436	5414130	
3	LS	12-Jun-2022	W32	W32-01	y	n	n	300	20	424552	5414719	moved 150m SE
2	LS	8-Jun-2022	W32	W32-01AV-R2	Averaged centroid					424506	5414574	
3	LS	12-Jun-2022	W32	W32-01AV-R3	Averaged centroid					424429	5414689	
2	LS	8-Jun-2022	W33	W33-01	n	y	y	350	360	424542	5415177	
2	LS	8-Jun-2022	W33	W33-01AV-R2	Averaged centroid					424656	5415159	
2	LS	8-Jun-2022	W34	W34-01-R2	y	y	y	500	313	424436	5414130	
3	LS	12-Jun-2022	W34	W34-01-R3	n	y		100	108	424885	5413755	stopped calling after 1 min
2	AS	8-Jun-2022	W36	W36-01-R2	n	y		300	288	424044	5407061	
3	AS	11-Jun-2022	W36	W36-01-R3	y	y		130	175	424333	5406827	
2	AS	8-Jun-2022	W36	W36-02-R2	y	y		150	48	423939	5407082	
2	AS	8-Jun-2022	W36	W36-02-R2	Averaged centroid					423974	5407088	
3	AS	11-Jun-2022	W36	W36-02-R3	y	y		300	283	424047	5407028	next to road
3	AS	11-Jun-2022	W36	W36-02-R3	Averaged centroid					424024	5407010	
3	AS	11-Jun-2022	W36	W36-03-R3	n	y		500	171	424446	5406571	
3	AS	11-Jun-2022	W36	W36-03-R3	Averaged centroid					424462	5406496	
3	AS	11-Jun-2022	W36	W60-01	y	y		300	5	424351	5407265	
1	LS	18-May-2022	W36/LS103	W36-01-R1	n	y	y	250	312	423914	5407145	
2	AS	8-Jun-2022	W37	W09-01	y	y		370	312	425183	5407189	Same as W09-01 bird
2	AS	9-Jun-2022	W50	W50-01-R2	n	y		100	12	424464	5407552	Same as 08 Jun bird, attempted triangulation but stopped singing
3	AS	11-Jun-2022	W50	W50-01-R3	y	y		80	370	424483	5407507	

Appendix F. Eastern Whip-poor-will locations from Acoustic Recording Units in the Overall Benefit Areas, 2022.

ARU ID	Date	Easting	Northing	Recording filename	Species	Distance (0-100, 100-500, 500+)	Individuals	Comments
ARU01	June 04 2022	414390	5421204	SMA08266-C01_20220604_014200_0_00006_476	EWPW	100-500	1	
ARU01	June 08 2022	414390	5421204	SMA08266-C01_20220608_004600	EWPW	100-500	1	faint, anuran sounds. Scanned June 7-14
ARU01	June 08 2022	414390	5421204	SMA08266-C01_20220608_014600	EWPW	100-500	1	faint, anuran sounds
ARU01	June 09 2022	414390	5421204	SMA08266-C01_20220609_004600	EWPW	100-500	1	faint, anuran sounds
ARU01	June 06 2022	414390	5421204	SMA08266-C01_20220606_004400	EWPW	100-500	1	faint, anuran sounds
ARU02	June 02 2022	418829	5423900	SMA08259-C02_20220602_004000_0_00193_383	EWPW	100-500	1	
ARU02	June 07 2022	418829	5423900	SMA08259-C02_20220607_004500	EWPW	0-100	2	
ARU02	June 09 2022	418829	5423900	SMA08259-C02_20220609_004600	EWPW	0-100	2	
ARU03	June 02 2022	414640	5424682	SMA08264-C03_20220602_014000	EWPW	100-500	1	
ARU04	June 01 2022	414152	5424052	SMA08262-C04_20220601_234000_0_00114_316	EWPW	100-500	1	
ARU04	June 04 2022	414152	5424052	SMA08262-C04_20220604_014200	EWPW	100-500	1	None heard June 5-14
ARU04	June 03 2022	414152	5424052	SMA08262-C04_20220603_224200	EWPW	100-500	1	None heard June 5-15
ARU05	May 27 2022	413884	5423643	SMA08261-C05_20220527_213500	EWPW	100-500	1	Closer to 500m away
ARU10	May 25 2022	416517	5426322	SMA08280-C10_20220525_213300_1_00041_623	EWPW	100-500	1	
ARU10	May 27 2022	416517	5426322	SMA08280-C10_20220527_233500	EWPW	100-500	1	
ARU10	May 29 2022	416517	5426322	SMA08280-C10_20220529_013600_0_00074_220		100-500	1	
ARU10	June 02 2022	416517	5426322	SMA08280-C10_20220602_014000_0_00005_463		100-500	2	
ARU10	June 05 2022	416517	5426322	SMA08280-C10_20220605_014300_0_00167_265		100-500	1	
ARU10	June 06 2022	416517	5426322	SMA08280-C10_20220606_234500	EWPW	100-500	1	
ARU10	June 09 2022	416517	5426322	SMA08280-C10_20220609_004600	EWPW	100-500	1	
ARU10	June 13 2022	416517	5426322	SMA08280-C10_20220613_014900	EWPW	100-500	1	
ARU15	June 05 2022	416186	5413128	SMA08278-C15_20220605_014300_0_00071_607		100-500	1	
ARU15	June 06 2022	416186	5413128	SMA08278-C15_20220606_004400	EWPW	100-500	1	
ARU15	June 07 2022	416186	5413128	SMA08278-C15_20220607_004500	EWPW	100-500	1	

Appendix G. Eastern Whip-poor-will sound monitoring report (Independent Environmental Consultants.)

2022 Sound Monitoring Report: Eastern Whip-poor-will Habitat New Gold Inc.

Prepared for:



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February 2023

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APPENDICES

Appendix A: Sound Level Data Tables

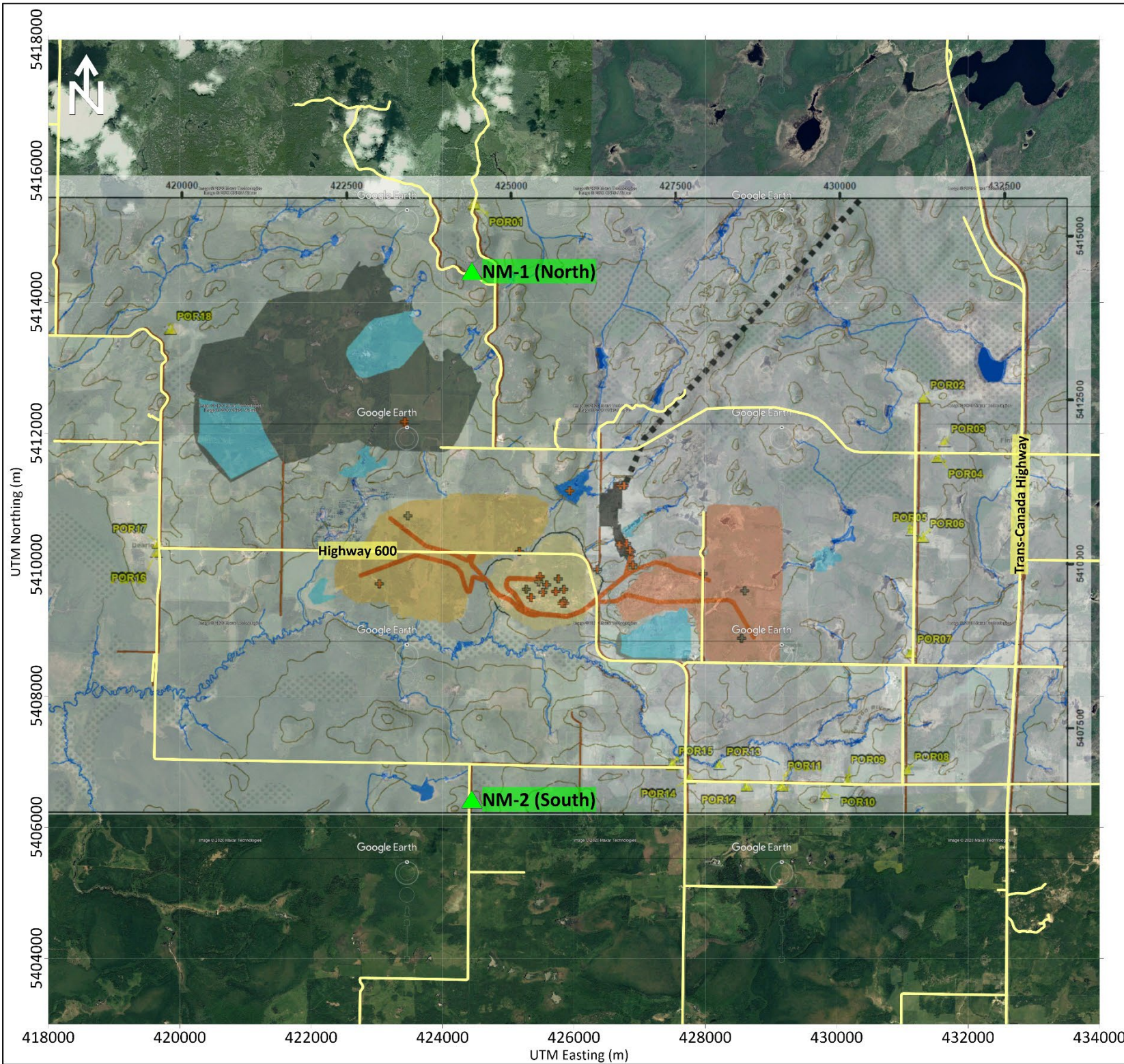
INTRODUCTION

Independent Environmental Consultants (IEC) was retained by New Gold Inc. to assist in the completion of an ambient sound monitoring study in the vicinity of the Rainy River Mine. This is part of an acoustic auditing program that is required under the *Endangered Species Act*, as stipulated by the Ontario Ministry of Natural Resources and Forestry (MNRF) in an *Overall Benefits Permit* issued to the New Gold Rainy River Mine (Permit No. FF-C-001-14). The permit is now controlled by the Ontario Ministry of Environment, Conservation and Parks (MECP). In accordance with the permit, sound level monitoring is to take place at locations identified as known habitat for Eastern Whip-poor-will (*Antrostomus vociferus*). This report provides an overview of the operations at the Rainy River Mine site, details of the surrounding area, MECP requirements pertaining to the Eastern Whip-poor-will habitat sound monitoring program, as well as details and results of the monitoring program.

SITE AND SURROUNDING AREA

The Rainy River Mine is located approximately 65 km northwest of Fort Frances in northwestern Ontario and consists of an open-pit and underground mine as well as an ore processing facility located on-site. Other site infrastructure includes the tailings management area, various stockpiles (e.g., overburden, waste rock), on-site roads for access and haulage of ore material, and buildings for supporting operations (e.g., administration, maintenance). Operations at the site in 2022 included blasting, dam construction, crushing, loading, hauling, dumping, and rock placement.

The lands surrounding the mine site are generally forested areas, with some farmlands throughout. Of particular relevance to this study is the presence of an Eastern Whip-poor-will habitat adjacent to the mine lands. The Eastern Whip-poor-will are considered a Threatened Species per *Ontario Regulation 230/08* under the *Endangered Species Act* and are known to be particularly sensitive to noise. With regards to sources of noise that are present in the area other than those associated with mine operations, it should be noted that there are several highways in the area including the Trans-Canada Highway, Highway 600, and Highway 617. There is also a CN rail line located approximately 16 km to the south of the Eastern Whip-poor-will habitat. Refer to Figure 1 for an illustration of the site location in relation to the relevant features of the surrounding area.



LEGEND:

▲ Noise Monitoring Location

NOTES:

SCALE:

REVISIONS:

No.	Date	By	Revision

REFERENCE:
 Basemap: Google Earth
 Coordinate System: UTM Zone 15, WGS84



New Gold Inc.
 Rainy River Mine
**Eastern Whip-poor-will Habitat
 Noise Monitoring Locations**

Drawn By: NZN	Approved By: PLK	Figure No.: 1
Date: December 2022	Project No.: SX22-0031	

REGULATORY CONTEXT

As noted previously, there is an Eastern Whip-poor-will habitat adjacent to the mine lands, which have been identified by the MNRF as a Threatened Species. As a result, the MNRF have issued an *Overall Benefits Permit* (No. FF-C-001-14), which is now controlled by the MECP, to New Gold for the Rainy River Mine. This permit outlines measures for the protection of this species. Included in the permit is a requirement to complete periodic acoustic monitoring at the Eastern Whip-poor-will habitat and determine whether activity at the mine site results in sound levels exceeding 50 dBA (on a 1-hour basis).

The monitoring requirements differ depending on the stage of activity at the site (e.g., construction, operations). During construction activity, the monitoring is required on an annual basis, while during operations the monitoring is to be completed in 2-year intervals. As noted in Section 2.0, the mine was in the Operations stage at the time that the monitoring was completed. It should be noted that the permit stipulates that acoustic monitoring is to occur in the first week of May as well as in June; however, the timing for the 2022 acoustic audit was delayed. The sound monitoring data discussed in this report was collected in the June measurement window and continued into the beginning of July. According to the MECP, the nesting season of the Eastern Whip-poor-will may extend from mid-May to the end of July (1).

MEASUREMENT PROGRAM

The sound level measurement campaigns were completed over the following periods:

- June 16th to June 25th, 2022; and
- June 25th to July 4th, 2022.

As per the requirements of the Permit, the sound monitoring was conducted at two locations, representing the “north” and the “south” Eastern Whip-poor-will habitats (see Figure 1). The north and south monitors are identified as NM-1 and NM-2, respectively, in the discussion in this report and the coordinates are provided in Table 1. Due to a memory write issue, data for the second campaign at NM-1 was not available for analysis. Operationally, there have been no changes at the north end of the site.

Table 6: Noise Monitoring Locations

Monitor ID	Monitor Location	Monitor Coordinates (UTM, Zone 15)	
		Easting (m)	Northing (m)
NM-1	Noise Monitoring Location 1 (North)	424444	5414473
NM-2	Noise Monitoring Location 2 (South)	424444	5406426

The measurement equipment was deployed in the field by New Gold staff, with technical input, guidance and data analysis provided by IEC. The sound level meters were set up in coordination with IEC to configure the meter settings.

Sound levels were measured on a continuous 15-minute basis throughout the measurement program, using Larson Davis 831C sound level meters. To assist in the analysis, the meters were also configured with an “event trigger” that provided more detailed sound level information in instances where sound levels above 50 dBA were measured. This included sound recording to assist with identifying the source of noise that caused the sound level of 50 dBA to be exceeded (though it should be noted that an instantaneous exceedance of 50 dBA does not necessarily mean that the energy equivalent for the entire hour will exceed 50 dBA). In instances where adverse meteorological conditions, or sounds of nature (e.g., birdsong) were found to have caused the

elevated sound levels, the associated data point was discarded as unrepresentative of sound from operations at the mine site.

New Gold operates a meteorological station at the Rainy River site, which collected data concurrently with the sound level meters. As sounds due to certain meteorological events may result in elevated sound levels, ambient noise measurement data is subject to validation to ensure that data points associated with unrepresentative conditions are removed from the analysis. The Ontario MECP outlines requirements for noise monitoring programs, including meteorological considerations, in Publications NPC-102 (2) and NPC-103 (3). In addition, the sound level meter manufacturer also outlines limitations regarding the performance of the instrument under certain meteorological conditions (4). The meteorological conditions that were applied in the validation of the measurement data are summarized in Table 2.

Table 7: Parameters for Meteorological Validation

Meteorological Parameter	Limiting Condition
Temperature	-10° C to +50°C
Relative Humidity	25% to 90%
Wind Speed	<18 km/hr
Precipitation	No precipitation during measurement
<p>Note: Based on feedback from the equipment supplier, the adjustment for sound levels collected above the ceiling relative humidity level of 90% is relatively insignificant and data would only need to be discarded if there were condensation occurring. As there did not appear to be any anomalous data associated with the sound levels at humidity levels above 90% these points were kept for a more complete data set.</p>	

The sound level meters were last factory calibrated to an NIST-traceable standard in October 2020. In addition, the sound level meters were each calibrated in the field before and after the program, using a handheld CAL200 calibration device. The field calibrations did not result in any significant adjustment. The meters were deployed with environmental protection and were sited in accordance with NPC-102/103, which requires that the microphone be located greater than 1 m above the ground and greater than 1 m away from any reflecting surface. The environmental protection included a wind screen equipped with bird spikes (to deter birds from perching on the microphone), and a heated preamplifier to control the effects of humidity. The sound level meter was stored in a weather-proof hard case, with the preamplifier and microphone attached to a tripod via a microphone extension cable from the hard case.

By the completion of the monitoring period, all sound level data and meteorological was compiled and analyzed for comparison to the 50 dBA sound level threshold.

MEASUREMENT RESULTS

Measurements at the two monitoring locations were completed simultaneously in each campaign and were synced such that both monitors were logging data for the same intervals of time. As noted previously, the meters were each configured to log sound levels on a continuous 15-minute basis. This time step allowed for additional information on what was occurring within each hour; however, ultimately the sound levels were log-averaged on an hourly basis for comparison to the meteorological data (for validation) and to the sound threshold of 50 dBA.

The first campaign ran continuously for 9 days, resulting in 221 logged hourly measurements at NM-1, and 218 at NM-2. Upon comparison to the meteorological data set, a total of 70 hours were removed from each station due to rain and/or high winds, leaving approximately 150 hours of valid data at each station. This is well above the minimum number of hours for an ambient noise monitoring study of 48 hours as stipulated by the MECP in its Publication NPC-300. The second campaign ran for 9 days, resulting in 218 logged hourly measurements at NM-2 (as discussed previously, the data at NM-1 was not logged due to a memory write failure). The meteorological validation resulted in 79 hours being discarded, resulting in 139 hours of valid data.

CAMPAIGN #1

After the meteorological validation, it was found that nine (9) hourly sound levels exceeded the threshold of 50 dBA at NM-1, and six (6) at NM-2. The sound recordings collected as a result of the event trigger were reviewed to determine whether sound attributable to mine activity was occurring; however, it was found that the sounds were dominated either by bird calls occurring close to the meter, wind gusts, or onset of thunder prior to a rain event. The final results of the first monitoring campaign are summarized in Table 3.

A full summary of the hourly monitoring data is provided in Figure 2 and Figure 3, inclusive of the points that were invalidated for completeness of record (the invalid data points are identified using a different marker than the valid points). A corresponding data table is provided in Appendix A.

Table 8: Measurement Results Summary (Campaign #1)

Date	NM-1 (North) [dBA, L _{eq} (1-hr)]			NM-2 (South) [dBA, L _{eq} (1-hr)]		
	Minimum	Maximum	Average	Minimum	Maximum	Average
2022-06-16	36.3	37.9	37.2	37.1	39.5	38.4
2022-06-17	32.5	42.2	38.5	32.8	44.5	40.1
2022-06-18	37.7	46.2	43.6	37.5	47.0	43.6
2022-06-19	38.9	48.5	44.4	36.8	45.5	42.8
2022-06-20	38.2	48.6	43.4	34.7	46.8	41.4
2022-06-21	35.8	47.1	43.0	32.1	45.1	40.8
2022-06-22	35.8	45.4	41.5	32.5	46.0	39.7
2022-06-23	36.9	47.7	43.0	30.1	44.2	40.9
2022-06-24	34.1	47.3	40.8	33.5	48.8	41.2
2022-06-25	42.0	48.7	46.6	41.7	47.5	45.0
Summary	32.5	48.7	42.2	30.1	48.8	41.9

Figure 14: Noise Monitoring Summary at NM-1 (Campaign #1)

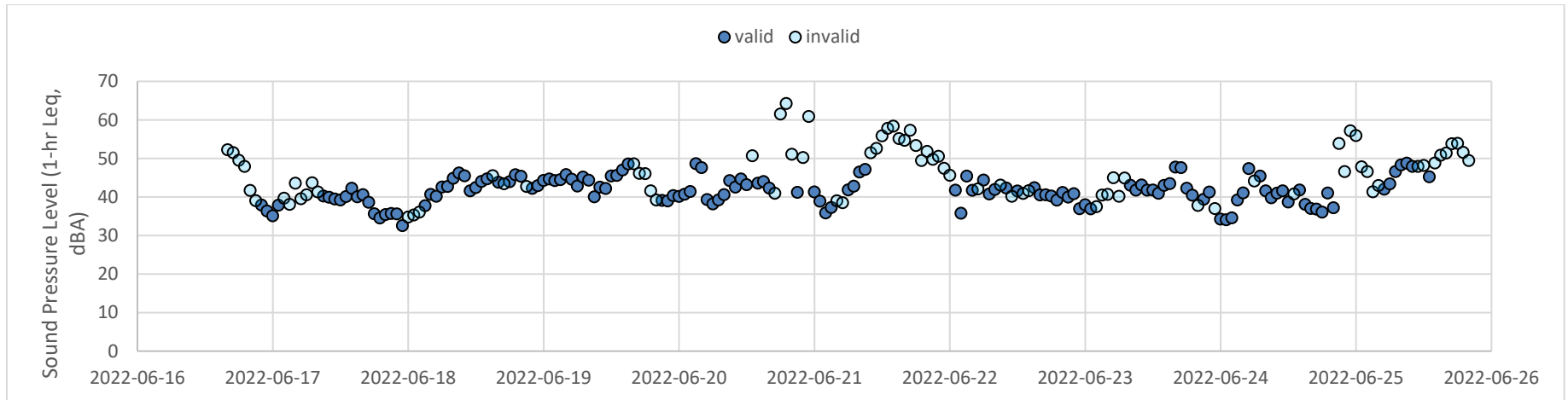
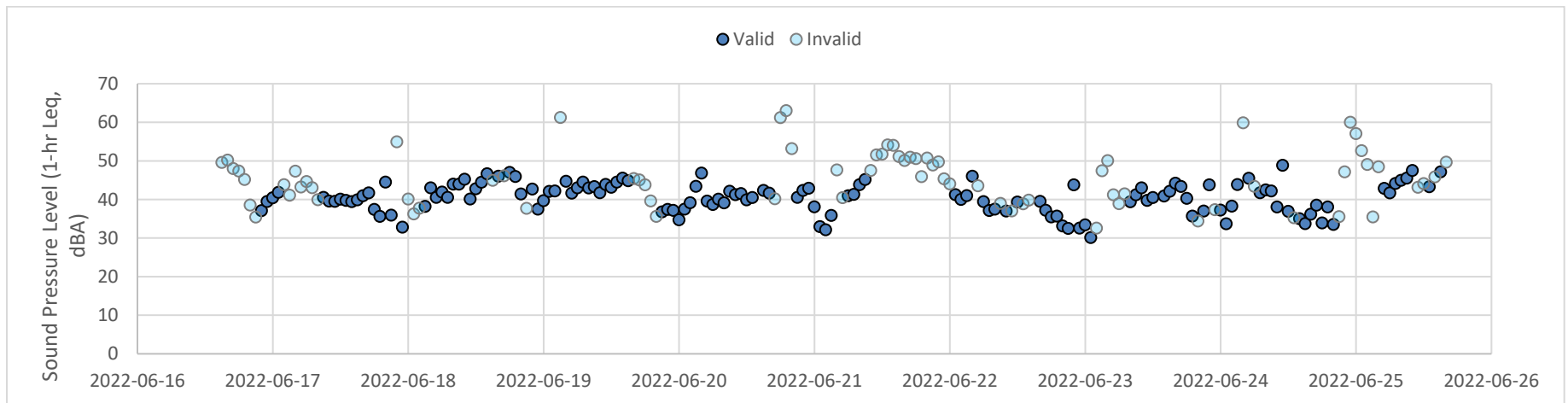


Figure 15: Noise Monitoring Summary at NM-2 (Campaign #1)



CAMPAIGN #2

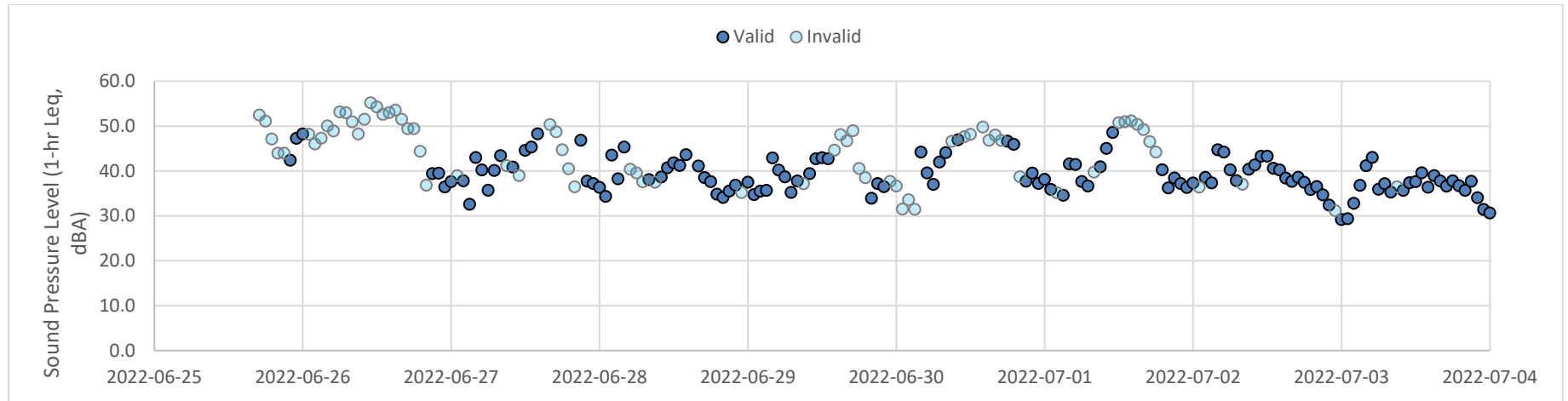
After the meteorological data validation, it was found that there were six (6) hourly measurements out of 137 hours of valid data that exceeded the hourly Leq threshold of 50 dBA at NM-2. The sound recordings collected with the measurement data were used to identify what was occurring during the hours with exceedances. In each case, it was found that the sounds were dominated either by bird calls occurring close to the meter, wind gusts, or onset of thunder prior to a rain event. As such, these data points were removed from the data set. A summary of the final monitoring results from the second campaign are summarized in Table 4.

Table 9: Measurement Results Summary (Campaign #2)

Date	NM-1 (North) [dBA, Leq(1-hr)]			NM-2 (South) [dBA, Leq(1-hr)]		
	Minimum	Maximum	Average	Minimum	Maximum	Average
2022-06-25	NI	NI	NI	42.3	47.2	45.4
2022-06-26	NI	NI	NI	36.4	48.2	43.4
2022-06-27	NI	NI	NI	32.5	48.3	42.7
2022-06-28	NI	NI	NI	34.1	45.3	40.1
2022-06-29	NI	NI	NI	33.9	42.9	39.4
2022-06-30	NI	NI	NI	37.0	46.9	43.3
2022-07-01	NI	NI	NI	34.6	48.6	41.2
2022-07-02	NI	NI	NI	32.4	44.7	40.1
2022-07-03	NI	NI	NI	29.2	43.0	37.3
2022-07-04	NI	NI	NI	30.5	41.8	39.7
Summary	NI	NI	NI	29.2	48.6	40.8

A full summary of the hourly monitoring data is provided in Figure 5, inclusive of the points that were invalidated for completeness of record (the invalid data points are identified using a different marker than the valid points). A corresponding data table is provided in Appendix A.

Figure 16: Noise Monitoring Summary at NM-2 (Campaign #2)



CONCLUSIONS

In accordance with the *Overall Benefits Permit* issued to the New Gold Rainy River Mine (Permit No. FF-C-001-14), noise monitoring of the Eastern Whip-poor-will habitat in the vicinity of the Rainy River Mine was completed in 2022. While the permit specifically identifies that the monitoring take place during the first week of May and in June, measurements were instead completed in June, in accordance with the permit, and another round was completed at the beginning of July. It should be noted that the Ontario MECP has identified that nesting season for the Eastern Whip-poor-will typically extends into July and sounds of the Eastern Whip-poor-will were recorded during the July program.

Activities being completed at the Rainy River Mine during the measurement campaigns included blasting, dam construction, crushing, loading, hauling, dumping, and rock placement. As per the Overall Benefits Permit, the noise monitoring is to indicate whether operations at the mine contribute to sound levels at the Eastern Whip-poor-will habitat at levels exceeding 50 dBA on a 1-hour basis (i.e., 1-hour Leq). The results of the measurements were first validated against concurrent meteorological measurement data, and then against sound recordings triggered by any exceedances of the 50 dBA threshold on an instantaneous basis. The resulting data sets for the June and July campaigns were each well in excess of the minimum of 48 hours of measurement data required by the MECP for continuous measurement programs.

A total of nine out of 141 hours were in excess of the 50 dBA threshold at the NM-1 location after the meteorological validation step during campaign #1 (the instrument did not log data in campaign #2). At NM-2, a total of seven hours out of the 276 hours of valid data (inclusive of both campaigns) were in excess of the 50 dBA threshold after the meteorological validation step. Sound recordings for each of these hours were reviewed to determine whether the operations at the Rainy River Mine were audible; however, in each instance the dominant sound was either bird calls which appeared to be sounding very close to the microphones, wind gusts, or presence of thunder prior to rain events. As such, these hours were removed from the data set as they were not representative of Rainy River Mine operations. This resulted in all other hourly sound levels remaining below the 50 dBA threshold.

REFERENCES

1. **Ministry of the Environment, Conservation and Parks.** *Recovery Strategy for the Eastern Whip-poor-will (*Antrostomus vociferus*) in Ontario.* Peterborough : Ontario MECP, 2019.
2. **Ministry of Environment, Conservation and Parks.** *Publication NPC-102: Instrumentation.* Toronto : Ontario MECP, 1978.
3. —. *Publication NPC-103: Procedures.* Toronto : Ontario MECP, 1978.
4. **Larson Davis - A PCB Piezotronics Division.** *Larson Davis SoundAdvisor Model 831C Sound Level Meter Reference Manual.* Depew, NY : PCB Piezotronics, Inc., 2019.

Appendix A:

Sound Level Data Tables

North Station NM-1: Summary of Hourly Data

Record	Campaign	Campaign Record	Date	Month	Day	Time	Timestamp	Period	LAeq	Antilog	Met Test	Other (see comments)	1-hr Leq (dBA)		Antilog
													Accepted	Discarded	
1	1	1	2022-06-16	6	16	16:00:00	2022-06-16 16:00	D	52.2	1.67E+05	Discard	OK	-999	52.2	
5	1	2	2022-06-16	6	16	17:00:00	2022-06-16 17:00	D	51.5	1.41E+05	Discard	OK	-999	51.5	
9	1	3	2022-06-16	6	16	18:00:00	2022-06-16 18:00	D	49.5	8.89E+04	Discard	OK	-999	49.5	
13	1	4	2022-06-16	6	16	19:00:00	2022-06-16 19:00	E	47.9	6.15E+04	Discard	OK	-999	47.9	
17	1	5	2022-06-16	6	16	20:00:00	2022-06-16 20:00	E	41.7	1.47E+04	Discard	OK	-999.0	41.7	
21	1	6	2022-06-16	6	16	21:00:00	2022-06-16 21:00	E	39.0	7.98E+03	Discard	OK	-999.0	39.0	
25	1	7	2022-06-16	6	16	22:00:00	2022-06-16 22:00	E	37.9	6.11E+03	OK	OK	37.9	-999.0	6.11E+03
29	1	8	2022-06-16	6	16	23:00:00	2022-06-16 23:00	N	36.3	4.28E+03	OK	OK	36.3	-999.0	4.28E+03
33	1	9	2022-06-17	6	17	00:00:00	2022-06-17 0:00	N	35.1	3.22E+03	OK	OK	35.1	-999.0	3.22E+03
37	1	10	2022-06-17	6	17	01:00:00	2022-06-17 1:00	N	37.8	6.07E+03	OK	OK	37.8	-999.0	6.07E+03
41	1	11	2022-06-17	6	17	02:00:00	2022-06-17 2:00	N	39.6	9.19E+03	Discard	OK	-999.0	39.6	
45	1	12	2022-06-17	6	17	03:00:00	2022-06-17 3:00	N	38.1	6.40E+03	Discard	OK	-999.0	38.1	
49	1	13	2022-06-17	6	17	04:00:00	2022-06-17 4:00	N	43.5	2.26E+04	Discard	OK	-999.0	43.5	
53	1	14	2022-06-17	6	17	05:00:00	2022-06-17 5:00	N	39.5	8.88E+03	Discard	OK	-999.0	39.5	
57	1	15	2022-06-17	6	17	06:00:00	2022-06-17 6:00	N	40.5	1.13E+04	Discard	OK	-999.0	40.5	
61	1	16	2022-06-17	6	17	07:00:00	2022-06-17 7:00	D	43.7	2.32E+04	Discard	OK	-999.0	43.7	
65	1	17	2022-06-17	6	17	08:00:00	2022-06-17 8:00	D	41.3	1.34E+04	Discard	OK	-999.0	41.3	
69	1	18	2022-06-17	6	17	09:00:00	2022-06-17 9:00	D	40.2	1.05E+04	OK	OK	40.2	-999.0	1.05E+04
73	1	19	2022-06-17	6	17	10:00:00	2022-06-17 10:00	D	39.9	9.77E+03	OK	OK	39.9	-999.0	9.77E+03
77	1	20	2022-06-17	6	17	11:00:00	2022-06-17 11:00	D	39.4	8.81E+03	OK	OK	39.4	-999.0	8.81E+03
81	1	21	2022-06-17	6	17	12:00:00	2022-06-17 12:00	D	39.2	8.32E+03	OK	OK	39.2	-999.0	8.32E+03
85	1	22	2022-06-17	6	17	13:00:00	2022-06-17 13:00	D	40.1	1.02E+04	OK	OK	40.1	-999.0	1.02E+04
89	1	23	2022-06-17	6	17	14:00:00	2022-06-17 14:00	D	42.2	1.66E+04	OK	OK	42.2	-999.0	1.66E+04
93	1	24	2022-06-17	6	17	15:00:00	2022-06-17 15:00	D	40.0	9.99E+03	OK	OK	40.0	-999.0	9.99E+03
97	1	25	2022-06-17	6	17	16:00:00	2022-06-17 16:00	D	40.6	1.14E+04	OK	OK	40.6	-999.0	1.14E+04

Record	Campaign	Campaign Record	Date	Month	Day	Time	Timestamp	Period	LAeq	Antilog	Met Test	Other (see comments)	1-hr Leq (dBA)		Antilog
													Accepted	Discarded	
101	1	26	2022-06-17	6	17	17:00:00	2022-06-17 17:00	D	38.6	7.20E+03	OK	OK	38.6	-999.0	7.20E+03
105	1	27	2022-06-17	6	17	18:00:00	2022-06-17 18:00	D	35.6	3.65E+03	OK	OK	35.6	-999.0	3.65E+03
109	1	28	2022-06-17	6	17	19:00:00	2022-06-17 19:00	E	34.5	2.83E+03	OK	OK	34.5	-999.0	2.83E+03
113	1	29	2022-06-17	6	17	20:00:00	2022-06-17 20:00	E	35.4	3.48E+03	OK	OK	35.4	-999.0	3.48E+03
117	1	30	2022-06-17	6	17	21:00:00	2022-06-17 21:00	E	35.7	3.69E+03	OK	OK	35.7	-999.0	3.69E+03
121	1	31	2022-06-17	6	17	22:00:00	2022-06-17 22:00	E	35.6	3.60E+03	OK	OK	35.6	-999.0	3.60E+03
125	1	32	2022-06-17	6	17	23:00:00	2022-06-17 23:00	N	32.5	1.80E+03	OK	OK	32.5	-999.0	1.80E+03
129	1	33	2022-06-18	6	18	00:00:00	2022-06-18 0:00	N	34.7	2.98E+03	Discard	OK	-999.0	34.7	
133	1	34	2022-06-18	6	18	01:00:00	2022-06-18 1:00	N	35.3	3.39E+03	Discard	OK	-999.0	35.3	
137	1	35	2022-06-18	6	18	02:00:00	2022-06-18 2:00	N	36.0	4.01E+03	Discard	OK	-999.0	36.0	
141	1	36	2022-06-18	6	18	03:00:00	2022-06-18 3:00	N	37.7	5.88E+03	OK	OK	37.7	-999.0	5.88E+03
145	1	37	2022-06-18	6	18	04:00:00	2022-06-18 4:00	N	40.7	1.16E+04	OK	OK	40.7	-999.0	1.16E+04
149	1	38	2022-06-18	6	18	05:00:00	2022-06-18 5:00	N	40.2	1.04E+04	OK	OK	40.2	-999.0	1.04E+04
153	1	39	2022-06-18	6	18	06:00:00	2022-06-18 6:00	N	42.6	1.80E+04	OK	OK	42.6	-999.0	1.80E+04
157	1	40	2022-06-18	6	18	07:00:00	2022-06-18 7:00	D	42.7	1.86E+04	OK	OK	42.7	-999.0	1.86E+04
161	1	41	2022-06-18	6	18	08:00:00	2022-06-18 8:00	D	44.8	3.02E+04	OK	OK	44.8	-999.0	3.02E+04
165	1	42	2022-06-18	6	18	09:00:00	2022-06-18 9:00	D	46.2	4.17E+04	OK	OK	46.2	-999.0	4.17E+04
169	1	43	2022-06-18	6	18	10:00:00	2022-06-18 10:00	D	45.4	3.50E+04	OK	OK	45.4	-999.0	3.50E+04
173	1	44	2022-06-18	6	18	11:00:00	2022-06-18 11:00	D	41.5	1.43E+04	OK	OK	41.5	-999.0	1.43E+04
177	1	45	2022-06-18	6	18	12:00:00	2022-06-18 12:00	D	42.4	1.74E+04	OK	OK	42.4	-999.0	1.74E+04
181	1	46	2022-06-18	6	18	13:00:00	2022-06-18 13:00	D	44.0	2.51E+04	OK	OK	44.0	-999.0	2.51E+04
185	1	47	2022-06-18	6	18	14:00:00	2022-06-18 14:00	D	44.7	2.93E+04	OK	OK	44.7	-999.0	2.93E+04
189	1	48	2022-06-18	6	18	15:00:00	2022-06-18 15:00	D	45.5	3.55E+04	Discard	OK	-999.0	45.5	
193	1	49	2022-06-18	6	18	16:00:00	2022-06-18 16:00	D	43.8	2.39E+04	OK	OK	43.8	-999.0	2.39E+04
197	1	50	2022-06-18	6	18	17:00:00	2022-06-18 17:00	D	43.4	2.18E+04	Discard	OK	-999.0	43.4	
201	1	51	2022-06-18	6	18	18:00:00	2022-06-18 18:00	D	43.9	2.48E+04	OK	OK	43.9	-999.0	2.48E+04

Record	Campaign	Campaign Record	Date	Month	Day	Time	Timestamp	Period	LAeq	Antilog	Met Test	Other (see comments)	1-hr Leq (dBA)		Antilog
													Accepted	Discarded	
205	1	52	2022-06-18	6	18	19:00:00	2022-06-18 19:00	E	45.7	3.74E+04	OK	OK	45.7	-999.0	3.74E+04
209	1	53	2022-06-18	6	18	20:00:00	2022-06-18 20:00	E	45.3	3.42E+04	OK	OK	45.3	-999.0	3.42E+04
213	1	54	2022-06-18	6	18	21:00:00	2022-06-18 21:00	E	42.7	1.86E+04	Discard	OK	-999.0	42.7	
217	1	55	2022-06-18	6	18	22:00:00	2022-06-18 22:00	E	42.2	1.65E+04	OK	OK	42.2	-999.0	1.65E+04
221	1	56	2022-06-18	6	18	23:00:00	2022-06-18 23:00	N	42.9	1.96E+04	OK	OK	42.9	-999.0	1.96E+04
225	1	57	2022-06-19	6	19	00:00:00	2022-06-19 0:00	N	44.3	2.66E+04	OK	OK	44.3	-999.0	2.66E+04
229	1	58	2022-06-19	6	19	01:00:00	2022-06-19 1:00	N	44.6	2.91E+04	OK	OK	44.6	-999.0	2.91E+04
233	1	59	2022-06-19	6	19	02:00:00	2022-06-19 2:00	N	44.2	2.64E+04	OK	OK	44.2	-999.0	2.64E+04
237	1	60	2022-06-19	6	19	03:00:00	2022-06-19 3:00	N	44.5	2.80E+04	OK	OK	44.5	-999.0	2.80E+04
241	1	61	2022-06-19	6	19	04:00:00	2022-06-19 4:00	N	45.8	3.79E+04	OK	OK	45.8	-999.0	3.79E+04
245	1	62	2022-06-19	6	19	05:00:00	2022-06-19 5:00	N	44.6	2.86E+04	OK	OK	44.6	-999.0	2.86E+04
249	1	63	2022-06-19	6	19	06:00:00	2022-06-19 6:00	N	42.8	1.90E+04	OK	OK	42.8	-999.0	1.90E+04
253	1	64	2022-06-19	6	19	07:00:00	2022-06-19 7:00	D	45.1	3.27E+04	OK	OK	45.1	-999.0	3.27E+04
257	1	65	2022-06-19	6	19	08:00:00	2022-06-19 8:00	D	44.3	2.70E+04	OK	OK	44.3	-999.0	2.70E+04
261	1	66	2022-06-19	6	19	09:00:00	2022-06-19 9:00	D	40.0	1.00E+04	OK	OK	40.0	-999.0	1.00E+04
265	1	67	2022-06-19	6	19	10:00:00	2022-06-19 10:00	D	42.5	1.78E+04	OK	OK	42.5	-999.0	1.78E+04
269	1	68	2022-06-19	6	19	11:00:00	2022-06-19 11:00	D	42.2	1.64E+04	OK	OK	42.2	-999.0	1.64E+04
273	1	69	2022-06-19	6	19	12:00:00	2022-06-19 12:00	D	45.4	3.49E+04	OK	OK	45.4	-999.0	3.49E+04
277	1	70	2022-06-19	6	19	13:00:00	2022-06-19 13:00	D	45.6	3.60E+04	OK	OK	45.6	-999.0	3.60E+04
281	1	71	2022-06-19	6	19	14:00:00	2022-06-19 14:00	D	47.0	4.98E+04	OK	OK	47.0	-999.0	4.98E+04
285	1	72	2022-06-19	6	19	15:00:00	2022-06-19 15:00	D	48.5	7.15E+04	OK	OK	48.5	-999.0	7.15E+04
289	1	73	2022-06-19	6	19	16:00:00	2022-06-19 16:00	D	48.6	7.21E+04	Discard	OK	-999.0	48.6	
293	1	74	2022-06-19	6	19	17:00:00	2022-06-19 17:00	D	46.1	4.07E+04	Discard	OK	-999.0	46.1	
297	1	75	2022-06-19	6	19	18:00:00	2022-06-19 18:00	D	46.0	4.01E+04	Discard	OK	-999.0	46.0	
301	1	76	2022-06-19	6	19	19:00:00	2022-06-19 19:00	E	41.6	1.43E+04	Discard	OK	-999.0	41.6	
305	1	77	2022-06-19	6	19	20:00:00	2022-06-19 20:00	E	39.2	8.32E+03	Discard	OK	-999.0	39.2	

Record	Campaign	Campaign Record	Date	Month	Day	Time	Timestamp	Period	LAeq	Antilog	Met Test	Other (see comments)	1-hr Leq (dBA)		Antilog
													Accepted	Discarded	
309	1	78	2022-06-19	6	19	21:00:00	2022-06-19 21:00	E	39.1	8.10E+03	OK	OK	39.1	-999.0	8.10E+03
313	1	79	2022-06-19	6	19	22:00:00	2022-06-19 22:00	E	38.9	7.81E+03	OK	OK	38.9	-999.0	7.81E+03
317	1	80	2022-06-19	6	19	23:00:00	2022-06-19 23:00	N	40.3	1.08E+04	OK	OK	40.3	-999.0	1.08E+04
321	1	81	2022-06-20	6	20	00:00:00	2022-06-20 0:00	N	40.1	1.02E+04	OK	OK	40.1	-999.0	1.02E+04
325	1	82	2022-06-20	6	20	01:00:00	2022-06-20 1:00	N	40.7	1.16E+04	OK	OK	40.7	-999.0	1.16E+04
329	1	83	2022-06-20	6	20	02:00:00	2022-06-20 2:00	N	41.4	1.38E+04	OK	OK	41.4	-999.0	1.38E+04
333	1	84	2022-06-20	6	20	03:00:00	2022-06-20 3:00	N	48.6	7.24E+04	OK	OK	48.6	-999.0	7.24E+04
337	1	85	2022-06-20	6	20	04:00:00	2022-06-20 4:00	N	47.6	5.74E+04	OK	OK	47.6	-999.0	5.74E+04
341	1	86	2022-06-20	6	20	05:00:00	2022-06-20 5:00	N	39.3	8.47E+03	OK	OK	39.3	-999.0	8.47E+03
345	1	87	2022-06-20	6	20	06:00:00	2022-06-20 6:00	N	38.2	6.53E+03	OK	OK	38.2	-999.0	6.53E+03
349	1	88	2022-06-20	6	20	07:00:00	2022-06-20 7:00	D	39.2	8.29E+03	OK	OK	39.2	-999.0	8.29E+03
353	1	89	2022-06-20	6	20	08:00:00	2022-06-20 8:00	D	40.6	1.14E+04	OK	OK	40.6	-999.0	1.14E+04
357	1	90	2022-06-20	6	20	09:00:00	2022-06-20 9:00	D	44.2	2.64E+04	OK	OK	44.2	-999.0	2.64E+04
361	1	91	2022-06-20	6	20	10:00:00	2022-06-20 10:00	D	42.5	1.79E+04	OK	OK	42.5	-999.0	1.79E+04
365	1	92	2022-06-20	6	20	11:00:00	2022-06-20 11:00	D	44.6	2.91E+04	OK	OK	44.6	-999.0	2.91E+04
369	1	93	2022-06-20	6	20	12:00:00	2022-06-20 12:00	D	43.2	2.07E+04	OK	OK	43.2	-999.0	2.07E+04
373	1	94	2022-06-20	6	20	13:00:00	2022-06-20 13:00	D	50.7	1.16E+05	OK	Discard	-999.0	50.7	
377	1	95	2022-06-20	6	20	14:00:00	2022-06-20 14:00	D	43.5	2.25E+04	OK	OK	43.5	-999.0	2.25E+04
381	1	96	2022-06-20	6	20	15:00:00	2022-06-20 15:00	D	44.0	2.48E+04	OK	OK	44.0	-999.0	2.48E+04
385	1	97	2022-06-20	6	20	16:00:00	2022-06-20 16:00	D	42.3	1.69E+04	OK	OK	42.3	-999.0	1.69E+04
389	1	98	2022-06-20	6	20	17:00:00	2022-06-20 17:00	D	40.9	1.23E+04	Discard	OK	-999.0	40.9	
393	1	99	2022-06-20	6	20	18:00:00	2022-06-20 18:00	D	61.5	1.41E+06	OK	Discard	-999.0	61.5	
397	1	100	2022-06-20	6	20	19:00:00	2022-06-20 19:00	E	64.2	2.65E+06	OK	Discard	-999.0	64.2	
401	1	101	2022-06-20	6	20	20:00:00	2022-06-20 20:00	E	51.0	1.27E+05	OK	Discard	-999.0	51.0	
405	1	102	2022-06-20	6	20	21:00:00	2022-06-20 21:00	E	41.2	1.30E+04	OK	OK	41.2	-999.0	1.30E+04
409	1	103	2022-06-20	6	20	22:00:00	2022-06-20 22:00	E	50.2	1.05E+05	OK	Discard	-999.0	50.2	

Record	Campaign	Campaign Record	Date	Month	Day	Time	Timestamp	Period	LAeq	Antilog	Met Test	Other (see comments)	1-hr Leq (dBA)		Antilog
													Accepted	Discarded	
413	1	104	2022-06-20	6	20	23:00:00	2022-06-20 23:00	N	60.8	1.21E+06	OK	Discard	-999.0	60.8	
417	1	105	2022-06-21	6	21	00:00:00	2022-06-21 0:00	N	41.3	1.34E+04	OK	OK	41.3	-999.0	1.34E+04
421	1	106	2022-06-21	6	21	01:00:00	2022-06-21 1:00	N	38.9	7.68E+03	OK	OK	38.9	-999.0	7.68E+03
425	1	107	2022-06-21	6	21	02:00:00	2022-06-21 2:00	N	35.8	3.81E+03	OK	OK	35.8	-999.0	3.81E+03
429	1	108	2022-06-21	6	21	03:00:00	2022-06-21 3:00	N	37.2	5.28E+03	OK	OK	37.2	-999.0	5.28E+03
433	1	109	2022-06-21	6	21	04:00:00	2022-06-21 4:00	N	39.0	7.89E+03	Discard	OK	-999.0	39.0	
437	1	110	2022-06-21	6	21	05:00:00	2022-06-21 5:00	N	38.5	7.04E+03	Discard	OK	-999.0	38.5	
441	1	111	2022-06-21	6	21	06:00:00	2022-06-21 6:00	N	41.8	1.52E+04	OK	OK	41.8	-999.0	1.52E+04
445	1	112	2022-06-21	6	21	07:00:00	2022-06-21 7:00	D	42.8	1.89E+04	OK	OK	42.8	-999.0	1.89E+04
449	1	113	2022-06-21	6	21	08:00:00	2022-06-21 8:00	D	46.4	4.39E+04	OK	OK	46.4	-999.0	4.39E+04
453	1	114	2022-06-21	6	21	09:00:00	2022-06-21 9:00	D	47.1	5.15E+04	OK	OK	47.1	-999.0	5.15E+04
457	1	115	2022-06-21	6	21	10:00:00	2022-06-21 10:00	D	51.4	1.39E+05	Discard	OK	-999.0	51.4	
461	1	116	2022-06-21	6	21	11:00:00	2022-06-21 11:00	D	52.6	1.80E+05	Discard	OK	-999.0	52.6	
465	1	117	2022-06-21	6	21	12:00:00	2022-06-21 12:00	D	55.8	3.82E+05	Discard	OK	-999.0	55.8	
469	1	118	2022-06-21	6	21	13:00:00	2022-06-21 13:00	D	57.8	5.99E+05	Discard	OK	-999.0	57.8	
473	1	119	2022-06-21	6	21	14:00:00	2022-06-21 14:00	D	58.3	6.81E+05	Discard	OK	-999.0	58.3	
477	1	120	2022-06-21	6	21	15:00:00	2022-06-21 15:00	D	55.1	3.26E+05	Discard	OK	-999.0	55.1	
481	1	121	2022-06-21	6	21	16:00:00	2022-06-21 16:00	D	54.7	2.93E+05	Discard	OK	-999.0	54.7	
485	1	122	2022-06-21	6	21	17:00:00	2022-06-21 17:00	D	57.3	5.33E+05	Discard	OK	-999.0	57.3	
489	1	123	2022-06-21	6	21	18:00:00	2022-06-21 18:00	D	53.3	2.15E+05	Discard	OK	-999.0	53.3	
493	1	124	2022-06-21	6	21	19:00:00	2022-06-21 19:00	E	49.4	8.75E+04	Discard	OK	-999.0	49.4	
497	1	125	2022-06-21	6	21	20:00:00	2022-06-21 20:00	E	51.8	1.51E+05	Discard	OK	-999.0	51.8	
501	1	126	2022-06-21	6	21	21:00:00	2022-06-21 21:00	E	49.8	9.45E+04	Discard	OK	-999.0	49.8	
505	1	127	2022-06-21	6	21	22:00:00	2022-06-21 22:00	E	50.5	1.13E+05	Discard	OK	-999.0	50.5	
509	1	128	2022-06-21	6	21	23:00:00	2022-06-21 23:00	N	47.4	5.47E+04	Discard	OK	-999.0	47.4	
513	1	129	2022-06-22	6	22	00:00:00	2022-06-22 0:00	N	45.6	3.61E+04	Discard	OK	-999.0	45.6	

Record	Campaign	Campaign Record	Date	Month	Day	Time	Timestamp	Period	LAeq	Antilog	Met Test	Other (see comments)	1-hr Leq (dBA)		Antilog
													Accepted	Discarded	
517	1	130	2022-06-22	6	22	01:00:00	2022-06-22 1:00	N	41.7	1.49E+04	OK	OK	41.7	-999.0	1.49E+04
521	1	131	2022-06-22	6	22	02:00:00	2022-06-22 2:00	N	35.8	3.77E+03	OK	OK	35.8	-999.0	3.77E+03
525	1	132	2022-06-22	6	22	03:00:00	2022-06-22 3:00	N	45.4	3.46E+04	OK	OK	45.4	-999.0	3.46E+04
529	1	133	2022-06-22	6	22	04:00:00	2022-06-22 4:00	N	41.7	1.47E+04	OK	OK	41.7	-999.0	1.47E+04
533	1	134	2022-06-22	6	22	05:00:00	2022-06-22 5:00	N	42.0	1.60E+04	Discard	OK	-999.0	42.0	
537	1	135	2022-06-22	6	22	06:00:00	2022-06-22 6:00	N	44.4	2.72E+04	OK	OK	44.4	-999.0	2.72E+04
541	1	136	2022-06-22	6	22	07:00:00	2022-06-22 7:00	D	40.7	1.19E+04	OK	OK	40.7	-999.0	1.19E+04
545	1	137	2022-06-22	6	22	08:00:00	2022-06-22 8:00	D	41.9	1.56E+04	OK	OK	41.9	-999.0	1.56E+04
549	1	138	2022-06-22	6	22	09:00:00	2022-06-22 9:00	D	43.1	2.02E+04	Discard	OK	-999.0	43.1	
553	1	139	2022-06-22	6	22	10:00:00	2022-06-22 10:00	D	42.3	1.70E+04	OK	OK	42.3	-999.0	1.70E+04
557	1	140	2022-06-22	6	22	11:00:00	2022-06-22 11:00	D	40.2	1.04E+04	Discard	OK	-999.0	40.2	
561	1	141	2022-06-22	6	22	12:00:00	2022-06-22 12:00	D	41.5	1.42E+04	OK	OK	41.5	-999.0	1.42E+04
565	1	142	2022-06-22	6	22	13:00:00	2022-06-22 13:00	D	40.9	1.23E+04	Discard	OK	-999.0	40.9	
569	1	143	2022-06-22	6	22	14:00:00	2022-06-22 14:00	D	41.6	1.44E+04	Discard	OK	-999.0	41.6	
573	1	144	2022-06-22	6	22	15:00:00	2022-06-22 15:00	D	42.4	1.72E+04	OK	OK	42.4	-999.0	1.72E+04
577	1	145	2022-06-22	6	22	16:00:00	2022-06-22 16:00	D	40.5	1.12E+04	OK	OK	40.5	-999.0	1.12E+04
581	1	146	2022-06-22	6	22	17:00:00	2022-06-22 17:00	D	40.5	1.13E+04	OK	OK	40.5	-999.0	1.13E+04
585	1	147	2022-06-22	6	22	18:00:00	2022-06-22 18:00	D	40.2	1.05E+04	OK	OK	40.2	-999.0	1.05E+04
589	1	148	2022-06-22	6	22	19:00:00	2022-06-22 19:00	E	39.1	8.21E+03	OK	OK	39.1	-999.0	8.21E+03
593	1	149	2022-06-22	6	22	20:00:00	2022-06-22 20:00	E	41.1	1.30E+04	OK	OK	41.1	-999.0	1.30E+04
597	1	150	2022-06-22	6	22	21:00:00	2022-06-22 21:00	E	39.9	9.85E+03	OK	OK	39.9	-999.0	9.85E+03
601	1	151	2022-06-22	6	22	22:00:00	2022-06-22 22:00	E	40.8	1.20E+04	OK	OK	40.8	-999.0	1.20E+04
605	1	152	2022-06-22	6	22	23:00:00	2022-06-22 23:00	N	36.9	4.91E+03	OK	OK	36.9	-999.0	4.91E+03
609	1	153	2022-06-23	6	23	00:00:00	2022-06-23 0:00	N	38.0	6.24E+03	OK	OK	38.0	-999.0	6.24E+03
613	1	154	2022-06-23	6	23	01:00:00	2022-06-23 1:00	N	36.9	4.88E+03	OK	OK	36.9	-999.0	4.88E+03
617	1	155	2022-06-23	6	23	02:00:00	2022-06-23 2:00	N	37.4	5.55E+03	Discard	OK	-999.0	37.4	

Record	Campaign	Campaign Record	Date	Month	Day	Time	Timestamp	Period	LAeq	Antilog	Met Test	Other (see comments)	1-hr Leq (dBA)		Antilog
													Accepted	Discarded	
621	1	156	2022-06-23	6	23	03:00:00	2022-06-23 3:00	N	40.5	1.11E+04	Discard	OK	-999.0	40.5	
625	1	157	2022-06-23	6	23	04:00:00	2022-06-23 4:00	N	40.6	1.16E+04	Discard	OK	-999.0	40.6	
629	1	158	2022-06-23	6	23	05:00:00	2022-06-23 5:00	N	45.0	3.13E+04	Discard	OK	-999.0	45.0	
633	1	159	2022-06-23	6	23	06:00:00	2022-06-23 6:00	N	40.1	1.03E+04	Discard	OK	-999.0	40.1	
637	1	160	2022-06-23	6	23	07:00:00	2022-06-23 7:00	D	44.9	3.07E+04	Discard	OK	-999.0	44.9	
641	1	161	2022-06-23	6	23	08:00:00	2022-06-23 8:00	D	43.0	2.01E+04	OK	OK	43.0	-999.0	2.01E+04
645	1	162	2022-06-23	6	23	09:00:00	2022-06-23 9:00	D	41.7	1.49E+04	OK	OK	41.7	-999.0	1.49E+04
649	1	163	2022-06-23	6	23	10:00:00	2022-06-23 10:00	D	43.1	2.03E+04	OK	OK	43.1	-999.0	2.03E+04
653	1	164	2022-06-23	6	23	11:00:00	2022-06-23 11:00	D	41.7	1.49E+04	OK	OK	41.7	-999.0	1.49E+04
657	1	165	2022-06-23	6	23	12:00:00	2022-06-23 12:00	D	41.8	1.51E+04	OK	OK	41.8	-999.0	1.51E+04
661	1	166	2022-06-23	6	23	13:00:00	2022-06-23 13:00	D	40.9	1.24E+04	OK	OK	40.9	-999.0	1.24E+04
665	1	167	2022-06-23	6	23	14:00:00	2022-06-23 14:00	D	43.0	1.99E+04	OK	OK	43.0	-999.0	1.99E+04
669	1	168	2022-06-23	6	23	15:00:00	2022-06-23 15:00	D	43.4	2.21E+04	OK	OK	43.4	-999.0	2.21E+04
673	1	169	2022-06-23	6	23	16:00:00	2022-06-23 16:00	D	47.7	5.89E+04	OK	OK	47.7	-999.0	5.89E+04
677	1	170	2022-06-23	6	23	17:00:00	2022-06-23 17:00	D	47.6	5.72E+04	OK	OK	47.6	-999.0	5.72E+04
681	1	171	2022-06-23	6	23	18:00:00	2022-06-23 18:00	D	42.2	1.67E+04	OK	OK	42.2	-999.0	1.67E+04
685	1	172	2022-06-23	6	23	19:00:00	2022-06-23 19:00	E	40.4	1.10E+04	OK	OK	40.4	-999.0	1.10E+04
689	1	173	2022-06-23	6	23	20:00:00	2022-06-23 20:00	E	37.8	5.97E+03	Discard	OK	-999.0	37.8	
693	1	174	2022-06-23	6	23	21:00:00	2022-06-23 21:00	E	39.4	8.64E+03	OK	OK	39.4	-999.0	8.64E+03
697	1	175	2022-06-23	6	23	22:00:00	2022-06-23 22:00	E	41.2	1.33E+04	OK	OK	41.2	-999.0	1.33E+04
701	1	176	2022-06-23	6	23	23:00:00	2022-06-23 23:00	N	37.0	4.98E+03	Discard	OK	-999.0	37.0	
705	1	177	2022-06-24	6	24	00:00:00	2022-06-24 0:00	N	34.2	2.65E+03	OK	OK	34.2	-999.0	2.65E+03
709	1	178	2022-06-24	6	24	01:00:00	2022-06-24 1:00	N	34.1	2.54E+03	OK	OK	34.1	-999.0	2.54E+03
713	1	179	2022-06-24	6	24	02:00:00	2022-06-24 2:00	N	34.5	2.85E+03	OK	OK	34.5	-999.0	2.85E+03
717	1	180	2022-06-24	6	24	03:00:00	2022-06-24 3:00	N	39.2	8.28E+03	OK	OK	39.2	-999.0	8.28E+03
721	1	181	2022-06-24	6	24	04:00:00	2022-06-24 4:00	N	41.0	1.27E+04	OK	OK	41.0	-999.0	1.27E+04

Record	Campaign	Campaign Record	Date	Month	Day	Time	Timestamp	Period	LAeq	Antilog	Met Test	Other (see comments)	1-hr Leq (dBA)		Antilog
													Accepted	Discarded	
725	1	182	2022-06-24	6	24	05:00:00	2022-06-24 5:00	N	47.3	5.41E+04	OK	OK	47.3	-999.0	5.41E+04
729	1	183	2022-06-24	6	24	06:00:00	2022-06-24 6:00	N	44.1	2.58E+04	Discard	OK	-999.0	44.1	
733	1	184	2022-06-24	6	24	07:00:00	2022-06-24 7:00	D	45.4	3.44E+04	OK	OK	45.4	-999.0	3.44E+04
737	1	185	2022-06-24	6	24	08:00:00	2022-06-24 8:00	D	41.5	1.43E+04	OK	OK	41.5	-999.0	1.43E+04
741	1	186	2022-06-24	6	24	09:00:00	2022-06-24 9:00	D	39.7	9.44E+03	OK	OK	39.7	-999.0	9.44E+03
745	1	187	2022-06-24	6	24	10:00:00	2022-06-24 10:00	D	41.0	1.25E+04	OK	OK	41.0	-999.0	1.25E+04
749	1	188	2022-06-24	6	24	11:00:00	2022-06-24 11:00	D	41.6	1.43E+04	OK	OK	41.6	-999.0	1.43E+04
753	1	189	2022-06-24	6	24	12:00:00	2022-06-24 12:00	D	38.6	7.31E+03	OK	OK	38.6	-999.0	7.31E+03
757	1	190	2022-06-24	6	24	13:00:00	2022-06-24 13:00	D	40.8	1.19E+04	Discard	OK	-999.0	40.8	
761	1	191	2022-06-24	6	24	14:00:00	2022-06-24 14:00	D	41.8	1.50E+04	OK	OK	41.8	-999.0	1.50E+04
765	1	192	2022-06-24	6	24	15:00:00	2022-06-24 15:00	D	38.1	6.40E+03	OK	OK	38.1	-999.0	6.40E+03
769	1	193	2022-06-24	6	24	16:00:00	2022-06-24 16:00	D	37.0	5.00E+03	OK	OK	37.0	-999.0	5.00E+03
773	1	194	2022-06-24	6	24	17:00:00	2022-06-24 17:00	D	36.8	4.80E+03	OK	OK	36.8	-999.0	4.80E+03
777	1	195	2022-06-24	6	24	18:00:00	2022-06-24 18:00	D	36.0	4.02E+03	OK	OK	36.0	-999.0	4.02E+03
781	1	196	2022-06-24	6	24	19:00:00	2022-06-24 19:00	E	41.0	1.26E+04	OK	OK	41.0	-999.0	1.26E+04
785	1	197	2022-06-24	6	24	20:00:00	2022-06-24 20:00	E	37.2	5.22E+03	OK	OK	37.2	-999.0	5.22E+03
789	1	198	2022-06-24	6	24	21:00:00	2022-06-24 21:00	E	53.9	2.43E+05	Discard	OK	-999.0	53.9	
793	1	199	2022-06-24	6	24	22:00:00	2022-06-24 22:00	E	46.5	4.50E+04	Discard	OK	-999.0	46.5	
797	1	200	2022-06-24	6	24	23:00:00	2022-06-24 23:00	N	57.1	5.18E+05	OK	Discard	-999.0	57.1	
801	1	201	2022-06-25	6	25	00:00:00	2022-06-25 0:00	N	55.9	3.89E+05	OK	Discard	-999.0	55.9	
805	1	202	2022-06-25	6	25	01:00:00	2022-06-25 1:00	N	47.8	6.01E+04	Discard	OK	-999.0	47.8	
809	1	203	2022-06-25	6	25	02:00:00	2022-06-25 2:00	N	46.5	4.51E+04	Discard	OK	-999.0	46.5	
813	1	204	2022-06-25	6	25	03:00:00	2022-06-25 3:00	N	41.3	1.36E+04	Discard	OK	-999.0	41.3	
817	1	205	2022-06-25	6	25	04:00:00	2022-06-25 4:00	N	42.9	1.97E+04	Discard	OK	-999.0	42.9	
821	1	206	2022-06-25	6	25	05:00:00	2022-06-25 5:00	N	42.0	1.57E+04	OK	OK	42.0	-999.0	1.57E+04
825	1	207	2022-06-25	6	25	06:00:00	2022-06-25 6:00	N	43.4	2.17E+04	OK	OK	43.4	-999.0	2.17E+04

Record	Campaign	Campaign Record	Date	Month	Day	Time	Timestamp	Period	LAeq	Antilog	Met Test	Other (see comments)	1-hr Leq (dBA)		Antilog
													Accepted	Discarded	
829	1	208	2022-06-25	6	25	07:00:00	2022-06-25 7:00	D	46.6	4.53E+04	OK	OK	46.6	-999.0	4.53E+04
833	1	209	2022-06-25	6	25	08:00:00	2022-06-25 8:00	D	48.3	6.71E+04	OK	OK	48.3	-999.0	6.71E+04
837	1	210	2022-06-25	6	25	09:00:00	2022-06-25 9:00	D	48.7	7.49E+04	OK	OK	48.7	-999.0	7.49E+04
841	1	211	2022-06-25	6	25	10:00:00	2022-06-25 10:00	D	47.9	6.14E+04	OK	OK	47.9	-999.0	6.14E+04
845	1	212	2022-06-25	6	25	11:00:00	2022-06-25 11:00	D	47.9	6.18E+04	Discard	OK	-999.0	47.9	
849	1	213	2022-06-25	6	25	12:00:00	2022-06-25 12:00	D	48.1	6.50E+04	Discard	OK	-999.0	48.1	
853	1	214	2022-06-25	6	25	13:00:00	2022-06-25 13:00	D	45.2	3.31E+04	OK	OK	45.2	-999.0	3.31E+04
857	1	215	2022-06-25	6	25	14:00:00	2022-06-25 14:00	D	48.8	7.55E+04	Discard	OK	-999.0	48.8	
861	1	216	2022-06-25	6	25	15:00:00	2022-06-25 15:00	D	50.8	1.20E+05	OK	Discard	-999.0	50.8	
865	1	217	2022-06-25	6	25	16:00:00	2022-06-25 16:00	D	51.4	1.37E+05	Discard	OK	-999.0	51.4	
869	1	218	2022-06-25	6	25	17:00:00	2022-06-25 17:00	D	53.8	2.38E+05	Discard	OK	-999.0	53.8	
873	1	219	2022-06-25	6	25	18:00:00	2022-06-25 18:00	D	53.9	2.45E+05	Discard	OK	-999.0	53.9	
877	1	220	2022-06-25	6	25	19:00:00	2022-06-25 19:00	E	51.5	1.43E+05	Discard	OK	-999.0	51.5	
881	1	221	2022-06-25	6	25	20:00:00	2022-06-25 20:00	E	49.4	8.77E+04	Discard	OK	-999.0	49.4	

North Station NM-1: Summary of Hourly Values Exceeding 50 dBA

Campaign	Date	No. Exceeding 50 dBA		Minimum (Leq 1-hr, dBA)	Maximum (Leq 1-hr, dBA)	Average (Leq 24-hr, dBA)	Day (07:00 - 19:00)			Evening (19:00 - 23:00)			Night (23:00 - 07:00)		
		Before Validation	After Validation				Min (Leq 1-hr, dBA)	Max (Leq 1-hr, dBA)	Avg (Leq 12-hr, dBA)	Min (Leq 1-hr, dBA)	Max (Leq 1-hr, dBA)	Avg (Leq 4-hr, dBA)	Min (Leq 1-hr, dBA)	Max (Leq 1-hr, dBA)	Avg (Leq 8-hr, dBA)
1	2022-06-16	2	0	36.3	37.9	37.2	0.0	0.0	#DIV/0!	37.9	37.9	37.9	36.3	36.3	36.3
1	2022-06-17	0	0	32.5	42.2	38.5	35.6	42.2	39.8	34.5	35.7	35.3	32.5	37.8	35.7
1	2022-06-18	0	0	37.7	46.2	43.6	41.5	46.2	44.2	42.2	45.7	44.7	37.7	42.9	41.2
1	2022-06-19	0	0	38.9	48.5	44.4	40.0	48.5	45.2	38.9	39.1	39.0	40.3	45.8	44.1
1	2022-06-20	6	0	38.2	48.6	43.4	39.2	44.6	43.0	41.2	41.2	41.2	38.2	48.6	44.1
1	2022-06-21	11	0	35.8	47.1	43.0	42.8	47.1	45.8	0.0	0.0	0.0	35.8	41.8	39.6

1	2022-06-22	0	0	35.8	45.4	41.5	40.2	42.4	41.3	39.1	41.1	40.3	35.8	45.4	42.2
1	2022-06-23	0	0	36.9	47.7	43.0	40.9	47.7	43.9	39.4	41.2	40.4	36.9	38.0	37.5
1	2022-06-24	2	0	34.1	47.3	40.8	36.0	45.4	40.6	37.2	41.0	39.5	34.1	47.3	41.4
1	2022-06-25	6	0	42.0	48.7	46.6	45.2	48.7	47.5	0.0	0.0	0.0	42.0	43.4	42.7

South Station NM-2: Summary of Hourly Data

Record	Campaign	Campaign Record	Date	Month	Day	Time	Timestamp	Period	LAeq	Antilog	Met Test	Other (see comments)	1-hr Leq (dBA)		Antilog
													Accepted	Discarded	
1633	1	1	2022-06-16	6	16	15:00:00	2022-06-16 15:00	D	49.6	9.07E+04	Discard	OK	-999	49.6	
5233	1	2	2022-06-16	6	16	16:00:00	2022-06-16 16:00	D	50.2	1.05E+05	Discard	OK	-999	50.2	
8833	1	3	2022-06-16	6	16	17:00:00	2022-06-16 17:00	D	48.0	6.30E+04	Discard	OK	-999	48.0	
12433	1	4	2022-06-16	6	16	18:00:00	2022-06-16 18:00	D	47.4	5.44E+04	Discard	OK	-999	47.4	
16033	1	5	2022-06-16	6	16	19:00:00	2022-06-16 19:00	E	45.2	3.28E+04	Discard	OK	-999	45.2	
19633	1	6	2022-06-16	6	16	20:00:00	2022-06-16 20:00	E	38.5	7.11E+03	Discard	OK	-999.0	38.5	
23233	1	7	2022-06-16	6	16	21:00:00	2022-06-16 21:00	E	35.4	3.48E+03	Discard	OK	-999.0	35.4	
26833	1	8	2022-06-16	6	16	22:00:00	2022-06-16 22:00	E	37.1	5.10E+03	OK	OK	37.1	-999.0	5.10E+03
30433	1	9	2022-06-16	6	16	23:00:00	2022-06-16 23:00	N	39.5	8.81E+03	OK	OK	39.5	-999.0	8.81E+03
34033	1	10	2022-06-17	6	17	0:00:00	2022-06-17 0:00	N	40.4	1.10E+04	OK	OK	40.4	-999.0	1.10E+04
37633	1	11	2022-06-17	6	17	1:00:00	2022-06-17 1:00	N	41.8	1.53E+04	OK	OK	41.8	-999.0	1.53E+04
41233	1	12	2022-06-17	6	17	2:00:00	2022-06-17 2:00	N	43.8	2.40E+04	Discard	OK	-999.0	43.8	
44833	1	13	2022-06-17	6	17	3:00:00	2022-06-17 3:00	N	41.1	1.28E+04	Discard	OK	-999.0	41.1	
48433	1	14	2022-06-17	6	17	4:00:00	2022-06-17 4:00	N	47.3	5.37E+04	Discard	OK	-999.0	47.3	
52033	1	15	2022-06-17	6	17	5:00:00	2022-06-17 5:00	N	43.2	2.09E+04	Discard	OK	-999.0	43.2	
55633	1	16	2022-06-17	6	17	6:00:00	2022-06-17 6:00	N	44.6	2.90E+04	Discard	OK	-999.0	44.6	
59233	1	17	2022-06-17	6	17	7:00:00	2022-06-17 7:00	D	43.0	2.01E+04	Discard	OK	-999.0	43.0	
62833	1	18	2022-06-17	6	17	8:00:00	2022-06-17 8:00	D	39.9	9.78E+03	Discard	OK	-999.0	39.9	
66433	1	19	2022-06-17	6	17	9:00:00	2022-06-17 9:00	D	40.5	1.12E+04	OK	OK	40.5	-999.0	1.12E+04
70033	1	20	2022-06-17	6	17	10:00:00	2022-06-17 10:00	D	39.6	9.04E+03	OK	OK	39.6	-999.0	9.04E+03
73633	1	21	2022-06-17	6	17	11:00:00	2022-06-17 11:00	D	39.5	8.87E+03	OK	OK	39.5	-999.0	8.87E+03
77233	1	22	2022-06-17	6	17	12:00:00	2022-06-17 12:00	D	40.0	1.01E+04	OK	OK	40.0	-999.0	1.01E+04
80833	1	23	2022-06-17	6	17	13:00:00	2022-06-17 13:00	D	39.7	9.42E+03	OK	OK	39.7	-999.0	9.42E+03
84433	1	24	2022-06-17	6	17	14:00:00	2022-06-17 14:00	D	39.4	8.75E+03	OK	OK	39.4	-999.0	8.75E+03
88033	1	25	2022-06-17	6	17	15:00:00	2022-06-17 15:00	D	39.9	9.72E+03	OK	OK	39.9	-999.0	9.72E+03

Record	Campaign	Campaign Record	Date	Month	Day	Time	Timestamp	Period	LAeq	Antilog	Met Test	Other (see comments)	1-hr Leq (dBA)		Antilog
91633	1	26	2022-06-17	6	17	16:00:00	2022-06-17 16:00	D	40.9	1.24E+04	OK	OK	40.9	-999.0	1.24E+04
95233	1	27	2022-06-17	6	17	17:00:00	2022-06-17 17:00	D	41.7	1.47E+04	OK	OK	41.7	-999.0	1.47E+04
98833	1	28	2022-06-17	6	17	18:00:00	2022-06-17 18:00	D	37.4	5.48E+03	OK	OK	37.4	-999.0	5.48E+03
102433	1	29	2022-06-17	6	17	19:00:00	2022-06-17 19:00	E	35.6	3.62E+03	OK	OK	35.6	-999.0	3.62E+03
106033	1	30	2022-06-17	6	17	20:00:00	2022-06-17 20:00	E	44.5	2.81E+04	OK	OK	44.5	-999.0	2.81E+04
109633	1	31	2022-06-17	6	17	21:00:00	2022-06-17 21:00	E	35.9	3.88E+03	OK	OK	35.9	-999.0	3.88E+03
113233	1	32	2022-06-17	6	17	22:00:00	2022-06-17 22:00	E	54.9	3.10E+05	Discard	OK	-999.0	54.9	
116833	1	33	2022-06-17	6	17	23:00:00	2022-06-17 23:00	N	32.8	1.91E+03	OK	OK	32.8	-999.0	1.91E+03
120433	1	34	2022-06-18	6	18	0:00:00	2022-06-18 0:00	N	40.1	1.02E+04	Discard	OK	-999.0	40.1	
124033	1	35	2022-06-18	6	18	1:00:00	2022-06-18 1:00	N	36.2	4.19E+03	Discard	OK	-999.0	36.2	
127633	1	36	2022-06-18	6	18	2:00:00	2022-06-18 2:00	N	37.7	5.90E+03	Discard	OK	-999.0	37.7	
131233	1	37	2022-06-18	6	18	3:00:00	2022-06-18 3:00	N	38.2	6.55E+03	OK	OK	38.2	-999.0	6.55E+03
134833	1	38	2022-06-18	6	18	4:00:00	2022-06-18 4:00	N	43.0	2.00E+04	OK	OK	43.0	-999.0	2.00E+04
138433	1	39	2022-06-18	6	18	5:00:00	2022-06-18 5:00	N	40.5	1.12E+04	OK	OK	40.5	-999.0	1.12E+04
142033	1	40	2022-06-18	6	18	6:00:00	2022-06-18 6:00	N	41.9	1.54E+04	OK	OK	41.9	-999.0	1.54E+04
145633	1	41	2022-06-18	6	18	7:00:00	2022-06-18 7:00	D	40.5	1.13E+04	OK	OK	40.5	-999.0	1.13E+04
149233	1	42	2022-06-18	6	18	8:00:00	2022-06-18 8:00	D	43.9	2.48E+04	OK	OK	43.9	-999.0	2.48E+04
152833	1	43	2022-06-18	6	18	9:00:00	2022-06-18 9:00	D	44.0	2.49E+04	OK	OK	44.0	-999.0	2.49E+04
156433	1	44	2022-06-18	6	18	10:00:00	2022-06-18 10:00	D	45.2	3.32E+04	OK	OK	45.2	-999.0	3.32E+04
160033	1	45	2022-06-18	6	18	11:00:00	2022-06-18 11:00	D	40.1	1.02E+04	OK	OK	40.1	-999.0	1.02E+04
163633	1	46	2022-06-18	6	18	12:00:00	2022-06-18 12:00	D	42.7	1.88E+04	OK	OK	42.7	-999.0	1.88E+04
167233	1	47	2022-06-18	6	18	13:00:00	2022-06-18 13:00	D	44.4	2.77E+04	OK	OK	44.4	-999.0	2.77E+04
170833	1	48	2022-06-18	6	18	14:00:00	2022-06-18 14:00	D	46.6	4.61E+04	OK	OK	46.6	-999.0	4.61E+04
174433	1	49	2022-06-18	6	18	15:00:00	2022-06-18 15:00	D	44.9	3.11E+04	Discard	OK	-999.0	44.9	
178033	1	50	2022-06-18	6	18	16:00:00	2022-06-18 16:00	D	46.0	3.99E+04	OK	OK	46.0	-999.0	3.99E+04
181633	1	51	2022-06-18	6	18	17:00:00	2022-06-18 17:00	D	46.1	4.07E+04	Discard	OK	-999.0	46.1	
185233	1	52	2022-06-18	6	18	18:00:00	2022-06-18 18:00	D	47.0	4.99E+04	OK	OK	47.0	-999.0	4.99E+04

Record	Campaign	Campaign Record	Date	Month	Day	Time	Timestamp	Period	LAeq	Antilog	Met Test	Other (see comments)	1-hr Leq (dBA)		Antilog
188833	1	53	2022-06-18	6	18	19:00:00	2022-06-18 19:00	E	45.9	3.93E+04	OK	OK	45.9	-999.0	3.93E+04
192433	1	54	2022-06-18	6	18	20:00:00	2022-06-18 20:00	E	41.4	1.38E+04	OK	OK	41.4	-999.0	1.38E+04
196033	1	55	2022-06-18	6	18	21:00:00	2022-06-18 21:00	E	37.7	5.84E+03	Discard	OK	-999.0	37.7	
199633	1	56	2022-06-18	6	18	22:00:00	2022-06-18 22:00	E	42.7	1.84E+04	OK	OK	42.7	-999.0	1.84E+04
203233	1	57	2022-06-18	6	18	23:00:00	2022-06-18 23:00	N	37.5	5.58E+03	OK	OK	37.5	-999.0	5.58E+03
206833	1	58	2022-06-19	6	19	0:00:00	2022-06-19 0:00	N	39.7	9.28E+03	OK	OK	39.7	-999.0	9.28E+03
210433	1	59	2022-06-19	6	19	1:00:00	2022-06-19 1:00	N	42.1	1.61E+04	OK	OK	42.1	-999.0	1.61E+04
214033	1	60	2022-06-19	6	19	2:00:00	2022-06-19 2:00	N	42.2	1.65E+04	OK	OK	42.2	-999.0	1.65E+04
217633	1	61	2022-06-19	6	19	3:00:00	2022-06-19 3:00	N	61.2	1.32E+06	Discard	OK	-999.0	61.2	
221233	1	62	2022-06-19	6	19	4:00:00	2022-06-19 4:00	N	44.7	2.94E+04	OK	OK	44.7	-999.0	2.94E+04
224833	1	63	2022-06-19	6	19	5:00:00	2022-06-19 5:00	N	41.6	1.44E+04	OK	OK	41.6	-999.0	1.44E+04
228433	1	64	2022-06-19	6	19	6:00:00	2022-06-19 6:00	N	43.0	1.99E+04	OK	OK	43.0	-999.0	1.99E+04
232033	1	65	2022-06-19	6	19	7:00:00	2022-06-19 7:00	D	44.5	2.81E+04	OK	OK	44.5	-999.0	2.81E+04
235633	1	66	2022-06-19	6	19	8:00:00	2022-06-19 8:00	D	43.0	1.97E+04	OK	OK	43.0	-999.0	1.97E+04
239233	1	67	2022-06-19	6	19	9:00:00	2022-06-19 9:00	D	43.3	2.15E+04	OK	OK	43.3	-999.0	2.15E+04
242833	1	68	2022-06-19	6	19	10:00:00	2022-06-19 10:00	D	41.7	1.48E+04	OK	OK	41.7	-999.0	1.48E+04
246433	1	69	2022-06-19	6	19	11:00:00	2022-06-19 11:00	D	43.9	2.45E+04	OK	OK	43.9	-999.0	2.45E+04
250033	1	70	2022-06-19	6	19	12:00:00	2022-06-19 12:00	D	43.1	2.05E+04	OK	OK	43.1	-999.0	2.05E+04
253633	1	71	2022-06-19	6	19	13:00:00	2022-06-19 13:00	D	44.5	2.79E+04	OK	OK	44.5	-999.0	2.79E+04
257233	1	72	2022-06-19	6	19	14:00:00	2022-06-19 14:00	D	45.5	3.55E+04	OK	OK	45.5	-999.0	3.55E+04
260833	1	73	2022-06-19	6	19	15:00:00	2022-06-19 15:00	D	44.8	3.04E+04	OK	OK	44.8	-999.0	3.04E+04
264433	1	74	2022-06-19	6	19	16:00:00	2022-06-19 16:00	D	45.4	3.46E+04	Discard	OK	-999	45.4	
268033	1	75	2022-06-19	6	19	17:00:00	2022-06-19 17:00	D	45.0	3.20E+04	Discard	OK	-999.0	45.0	
271633	1	76	2022-06-19	6	19	18:00:00	2022-06-19 18:00	D	43.8	2.39E+04	Discard	OK	-999	43.8	
275233	1	77	2022-06-19	6	19	19:00:00	2022-06-19 19:00	E	39.6	9.07E+03	Discard	OK	-999.0	39.6	
278833	1	78	2022-06-19	6	19	20:00:00	2022-06-19 20:00	E	35.6	3.64E+03	Discard	OK	-999.0	35.6	
282433	1	79	2022-06-19	6	19	21:00:00	2022-06-19 21:00	E	36.8	4.76E+03	OK	OK	36.8	-999.0	4.76E+03

Record	Campaign	Campaign Record	Date	Month	Day	Time	Timestamp	Period	LAeq	Antilog	Met Test	Other (see comments)	1-hr Leq (dBA)		Antilog
286033	1	80	2022-06-19	6	19	22:00:00	2022-06-19 22:00	E	37.4	5.50E+03	OK	OK	37.4	-999.0	5.50E+03
289633	1	81	2022-06-19	6	19	23:00:00	2022-06-19 23:00	N	37.1	5.18E+03	OK	OK	37.1	-999.0	5.18E+03
293233	1	82	2022-06-20	6	20	0:00:00	2022-06-20 0:00	N	34.7	2.94E+03	OK	OK	34.7	-999.0	2.94E+03
296833	1	83	2022-06-20	6	20	1:00:00	2022-06-20 1:00	N	37.5	5.57E+03	OK	OK	37.5	-999.0	5.57E+03
300433	1	84	2022-06-20	6	20	2:00:00	2022-06-20 2:00	N	39.1	8.18E+03	OK	OK	39.1	-999.0	8.18E+03
304033	1	85	2022-06-20	6	20	3:00:00	2022-06-20 3:00	N	43.4	2.19E+04	OK	OK	43.4	-999.0	2.19E+04
307633	1	86	2022-06-20	6	20	4:00:00	2022-06-20 4:00	N	46.8	4.80E+04	OK	OK	46.8	-999.0	4.80E+04
311233	1	87	2022-06-20	6	20	5:00:00	2022-06-20 5:00	N	39.6	9.05E+03	OK	OK	39.6	-999.0	9.05E+03
314833	1	88	2022-06-20	6	20	6:00:00	2022-06-20 6:00	N	38.7	7.37E+03	OK	OK	38.7	-999.0	7.37E+03
318433	1	89	2022-06-20	6	20	7:00:00	2022-06-20 7:00	D	40.1	1.02E+04	OK	OK	40.1	-999.0	1.02E+04
322033	1	90	2022-06-20	6	20	8:00:00	2022-06-20 8:00	D	39.1	8.11E+03	OK	OK	39.1	-999.0	8.11E+03
325633	1	91	2022-06-20	6	20	9:00:00	2022-06-20 9:00	D	42.1	1.62E+04	OK	OK	42.1	-999.0	1.62E+04
329233	1	92	2022-06-20	6	20	10:00:00	2022-06-20 10:00	D	41.2	1.33E+04	OK	OK	41.2	-999.0	1.33E+04
332833	1	93	2022-06-20	6	20	11:00:00	2022-06-20 11:00	D	41.5	1.42E+04	OK	OK	41.5	-999.0	1.42E+04
336433	1	94	2022-06-20	6	20	12:00:00	2022-06-20 12:00	D	39.9	9.68E+03	OK	OK	39.9	-999.0	9.68E+03
340033	1	95	2022-06-20	6	20	13:00:00	2022-06-20 13:00	D	40.5	1.11E+04	OK	OK	40.5	-999.0	1.11E+04
	1	96	2022-06-20	6	20	14:00:00	2022-06-20 14:00	D	N/A		OK	OK	-999		
688	1	97	2022-06-20	6	20	15:00:00	2022-06-20 15:00	D	42.3	1.71E+04	OK	OK	42.3	-999.0	1.71E+04
4288	1	98	2022-06-20	6	20	16:00:00	2022-06-20 16:00	D	41.6	1.45E+04	OK	OK	41.6	-999.0	1.45E+04
7888	1	99	2022-06-20	6	20	17:00:00	2022-06-20 17:00	D	40.2	1.04E+04	Discard	OK	-999.0	40.2	
11488	1	100	2022-06-20	6	20	18:00:00	2022-06-20 18:00	D	61.2	1.31E+06	OK	Discard	-999.0	61.2	
15088	1	101	2022-06-20	6	20	19:00:00	2022-06-20 19:00	E	63.0	2.00E+06	OK	Discard	-999.0	63.0	
18688	1	102	2022-06-20	6	20	20:00:00	2022-06-20 20:00	E	53.1	2.06E+05	OK	Discard	-999.0	53.1	
22288	1	103	2022-06-20	6	20	21:00:00	2022-06-20 21:00	E	40.5	1.13E+04	OK	OK	40.5	-999.0	1.13E+04
25888	1	104	2022-06-20	6	20	22:00:00	2022-06-20 22:00	E	42.3	1.70E+04	OK	OK	42.3	-999.0	1.70E+04
29488	1	105	2022-06-20	6	20	23:00:00	2022-06-20 23:00	N	42.9	1.95E+04	OK	OK	42.9	-999.0	1.95E+04
33088	1	106	2022-06-21	6	21	0:00:00	2022-06-21 0:00	N	38.1	6.43E+03	OK	OK	38.1	-999.0	6.43E+03

Record	Campaign	Campaign Record	Date	Month	Day	Time	Timestamp	Period	LAeq	Antilog	Met Test	Other (see comments)	1-hr Leq (dBA)		Antilog
36688	1	107	2022-06-21	6	21	1:00:00	2022-06-21 1:00	N	32.9	1.97E+03	OK	OK	32.9	-999.0	1.97E+03
40288	1	108	2022-06-21	6	21	2:00:00	2022-06-21 2:00	N	32.1	1.63E+03	OK	OK	32.1	-999.0	1.63E+03
43888	1	109	2022-06-21	6	21	3:00:00	2022-06-21 3:00	N	35.8	3.82E+03	OK	OK	35.8	-999.0	3.82E+03
47488	1	110	2022-06-21	6	21	4:00:00	2022-06-21 4:00	N	47.6	5.80E+04	Discard	OK	-999.0	47.6	
51088	1	111	2022-06-21	6	21	5:00:00	2022-06-21 5:00	N	40.4	1.11E+04	Discard	OK	-999.0	40.4	
54688	1	112	2022-06-21	6	21	6:00:00	2022-06-21 6:00	N	40.9	1.24E+04	OK	OK	40.9	-999.0	1.24E+04
58288	1	113	2022-06-21	6	21	7:00:00	2022-06-21 7:00	D	41.3	1.35E+04	OK	OK	41.3	-999.0	1.35E+04
61888	1	114	2022-06-21	6	21	8:00:00	2022-06-21 8:00	D	43.8	2.39E+04	OK	OK	43.8	-999.0	2.39E+04
65488	1	115	2022-06-21	6	21	9:00:00	2022-06-21 9:00	D	45.1	3.26E+04	OK	OK	45.1	-999.0	3.26E+04
69088	1	116	2022-06-21	6	21	10:00:00	2022-06-21 10:00	D	47.5	5.60E+04	Discard	OK	-999.0	47.5	
72688	1	117	2022-06-21	6	21	11:00:00	2022-06-21 11:00	D	51.5	1.42E+05	Discard	OK	-999	51.5	
76288	1	118	2022-06-21	6	21	12:00:00	2022-06-21 12:00	D	51.7	1.48E+05	Discard	OK	-999	51.7	
79888	1	119	2022-06-21	6	21	13:00:00	2022-06-21 13:00	D	54.1	2.58E+05	Discard	OK	-999	54.1	
83488	1	120	2022-06-21	6	21	14:00:00	2022-06-21 14:00	D	54.0	2.52E+05	Discard	OK	-999	54.0	
87088	1	121	2022-06-21	6	21	15:00:00	2022-06-21 15:00	D	51.1	1.29E+05	Discard	OK	-999	51.1	
90688	1	122	2022-06-21	6	21	16:00:00	2022-06-21 16:00	D	50.1	1.01E+05	Discard	OK	-999	50.1	
94288	1	123	2022-06-21	6	21	17:00:00	2022-06-21 17:00	D	50.9	1.24E+05	Discard	OK	-999	50.9	
97888	1	124	2022-06-21	6	21	18:00:00	2022-06-21 18:00	D	50.6	1.14E+05	Discard	OK	-999	50.6	
101488	1	125	2022-06-21	6	21	19:00:00	2022-06-21 19:00	E	45.9	3.88E+04	Discard	OK	-999	45.9	
105088	1	126	2022-06-21	6	21	20:00:00	2022-06-21 20:00	E	50.7	1.18E+05	Discard	OK	-999	50.7	
108688	1	127	2022-06-21	6	21	21:00:00	2022-06-21 21:00	E	48.9	7.76E+04	Discard	OK	-999.0	48.9	
112288	1	128	2022-06-21	6	21	22:00:00	2022-06-21 22:00	E	49.7	9.38E+04	Discard	OK	-999	49.7	
115888	1	129	2022-06-21	6	21	23:00:00	2022-06-21 23:00	N	45.3	3.42E+04	Discard	OK	-999	45.3	
119488	1	130	2022-06-22	6	22	0:00:00	2022-06-22 0:00	N	44.0	2.52E+04	Discard	OK	-999.0	44.0	
123088	1	131	2022-06-22	6	22	1:00:00	2022-06-22 1:00	N	41.2	1.32E+04	OK	OK	41.2	-999.0	1.32E+04
126688	1	132	2022-06-22	6	22	2:00:00	2022-06-22 2:00	N	40.0	9.95E+03	OK	OK	40.0	-999.0	9.95E+03
130288	1	133	2022-06-22	6	22	3:00:00	2022-06-22 3:00	N	41.0	1.25E+04	OK	OK	41.0	-999.0	1.25E+04

Record	Campaign	Campaign Record	Date	Month	Day	Time	Timestamp	Period	LAeq	Antilog	Met Test	Other (see comments)	1-hr Leq (dBA)		Antilog
133888	1	134	2022-06-22	6	22	4:00:00	2022-06-22 4:00	N	46.0	3.99E+04	OK	OK	46.0	-999.0	3.99E+04
137488	1	135	2022-06-22	6	22	5:00:00	2022-06-22 5:00	N	43.5	2.26E+04	Discard	OK	-999.0	43.5	
141088	1	136	2022-06-22	6	22	6:00:00	2022-06-22 6:00	N	39.4	8.77E+03	OK	OK	39.4	-999.0	8.77E+03
144688	1	137	2022-06-22	6	22	7:00:00	2022-06-22 7:00	D	37.1	5.15E+03	OK	OK	37.1	-999.0	5.15E+03
148288	1	138	2022-06-22	6	22	8:00:00	2022-06-22 8:00	D	37.5	5.56E+03	OK	OK	37.5	-999.0	5.56E+03
151888	1	139	2022-06-22	6	22	9:00:00	2022-06-22 9:00	D	39.0	7.85E+03	Discard	OK	-999.0	39.0	
155488	1	140	2022-06-22	6	22	10:00:00	2022-06-22 10:00	D	37.0	4.98E+03	OK	OK	37.0	-999.0	4.98E+03
159088	1	141	2022-06-22	6	22	11:00:00	2022-06-22 11:00	D	37.0	5.00E+03	Discard	OK	-999.0	37.0	
162688	1	142	2022-06-22	6	22	12:00:00	2022-06-22 12:00	D	39.3	8.56E+03	OK	OK	39.3	-999.0	8.56E+03
166288	1	143	2022-06-22	6	22	13:00:00	2022-06-22 13:00	D	38.9	7.69E+03	Discard	OK	-999.0	38.9	
169888	1	144	2022-06-22	6	22	14:00:00	2022-06-22 14:00	D	39.8	9.59E+03	Discard	OK	-999.0	39.8	
	1	145	2022-06-22	6	22	15:00:00	2022-06-22 15:00	D	N/A		OK	OK	-999		
629	1	146	2022-06-22	6	22	16:00:00	2022-06-22 16:00	D	39.5	8.85E+03	OK	OK	39.5	-999.0	8.85E+03
4229	1	147	2022-06-22	6	22	17:00:00	2022-06-22 17:00	D	37.2	5.21E+03	OK	OK	37.2	-999.0	5.21E+03
7829	1	148	2022-06-22	6	22	18:00:00	2022-06-22 18:00	D	35.4	3.50E+03	OK	OK	35.4	-999.0	3.50E+03
11429	1	149	2022-06-22	6	22	19:00:00	2022-06-22 19:00	E	35.7	3.68E+03	OK	OK	35.7	-999.0	3.68E+03
15029	1	150	2022-06-22	6	22	20:00:00	2022-06-22 20:00	E	33.1	2.05E+03	OK	OK	33.1	-999.0	2.05E+03
18629	1	151	2022-06-22	6	22	21:00:00	2022-06-22 21:00	E	32.5	1.76E+03	OK	OK	32.5	-999.0	1.76E+03
22229	1	152	2022-06-22	6	22	22:00:00	2022-06-22 22:00	E	43.8	2.37E+04	OK	OK	43.8	-999.0	2.37E+04
25829	1	153	2022-06-22	6	22	23:00:00	2022-06-22 23:00	N	32.5	1.80E+03	OK	OK	32.5	-999.0	1.80E+03
29429	1	154	2022-06-23	6	23	0:00:00	2022-06-23 0:00	N	33.4	2.18E+03	OK	OK	33.4	-999.0	2.18E+03
33029	1	155	2022-06-23	6	23	1:00:00	2022-06-23 1:00	N	30.1	1.03E+03	OK	OK	30.1	-999.0	1.03E+03
36629	1	156	2022-06-23	6	23	2:00:00	2022-06-23 2:00	N	32.5	1.79E+03	Discard	OK	-999.0	32.5	
40229	1	157	2022-06-23	6	23	3:00:00	2022-06-23 3:00	N	47.4	5.52E+04	Discard	OK	-999.0	47.4	
43829	1	158	2022-06-23	6	23	4:00:00	2022-06-23 4:00	N	50.1	1.01E+05	Discard	OK	-999.0	50.1	
47429	1	159	2022-06-23	6	23	5:00:00	2022-06-23 5:00	N	41.2	1.31E+04	Discard	OK	-999.0	41.2	
51029	1	160	2022-06-23	6	23	6:00:00	2022-06-23 6:00	N	38.9	7.74E+03	Discard	OK	-999.0	38.9	

Record	Campaign	Campaign Record	Date	Month	Day	Time	Timestamp	Period	LAeq	Antilog	Met Test	Other (see comments)	1-hr Leq (dBA)		Antilog
54629	1	161	2022-06-23	6	23	7:00:00	2022-06-23 7:00	D	41.4	1.39E+04	Discard	OK	-999.0	41.4	
58229	1	162	2022-06-23	6	23	8:00:00	2022-06-23 8:00	D	39.4	8.67E+03	OK	OK	39.4	-999.0	8.67E+03
61829	1	163	2022-06-23	6	23	9:00:00	2022-06-23 9:00	D	41.2	1.31E+04	OK	OK	41.2	-999.0	1.31E+04
65429	1	164	2022-06-23	6	23	10:00:00	2022-06-23 10:00	D	43.0	2.00E+04	OK	OK	43.0	-999.0	2.00E+04
69029	1	165	2022-06-23	6	23	11:00:00	2022-06-23 11:00	D	39.7	9.39E+03	OK	OK	39.7	-999.0	9.39E+03
72629	1	166	2022-06-23	6	23	12:00:00	2022-06-23 12:00	D	40.5	1.11E+04	OK	OK	40.5	-999.0	1.11E+04
	1	167	2022-06-23	6	23	13:00:00	2022-06-23 13:00	D	N/A		OK	OK	-999		
1446	1	168	2022-06-23	6	23	14:00:00	2022-06-23 14:00	D	40.9	1.22E+04	OK	OK	40.9	-999.0	1.22E+04
5046	1	169	2022-06-23	6	23	15:00:00	2022-06-23 15:00	D	42.1	1.62E+04	OK	OK	42.1	-999.0	1.62E+04
8646	1	170	2022-06-23	6	23	16:00:00	2022-06-23 16:00	D	44.2	2.63E+04	OK	OK	44.2	-999.0	2.63E+04
12246	1	171	2022-06-23	6	23	17:00:00	2022-06-23 17:00	D	43.3	2.16E+04	OK	OK	43.3	-999.0	2.16E+04
15846	1	172	2022-06-23	6	23	18:00:00	2022-06-23 18:00	D	40.3	1.07E+04	OK	OK	40.3	-999.0	1.07E+04
19446	1	173	2022-06-23	6	23	19:00:00	2022-06-23 19:00	E	35.6	3.67E+03	OK	OK	35.6	-999.0	3.67E+03
23046	1	174	2022-06-23	6	23	20:00:00	2022-06-23 20:00	E	34.4	2.74E+03	Discard	OK	-999.0	34.4	
26646	1	175	2022-06-23	6	23	21:00:00	2022-06-23 21:00	E	37.0	4.98E+03	OK	OK	37.0	-999.0	4.98E+03
30246	1	176	2022-06-23	6	23	22:00:00	2022-06-23 22:00	E	43.8	2.39E+04	OK	OK	43.8	-999.0	2.39E+04
33846	1	177	2022-06-23	6	23	23:00:00	2022-06-23 23:00	N	37.3	5.38E+03	Discard	OK	-999.0	37.3	
37446	1	178	2022-06-24	6	24	0:00:00	2022-06-24 0:00	N	37.2	5.26E+03	OK	OK	37.2	-999.0	5.26E+03
41046	1	179	2022-06-24	6	24	1:00:00	2022-06-24 1:00	N	33.7	2.34E+03	OK	OK	33.7	-999.0	2.34E+03
44646	1	180	2022-06-24	6	24	2:00:00	2022-06-24 2:00	N	38.3	6.69E+03	OK	OK	38.3	-999.0	6.69E+03
48246	1	181	2022-06-24	6	24	3:00:00	2022-06-24 3:00	N	43.8	2.42E+04	OK	OK	43.8	-999.0	2.42E+04
51846	1	182	2022-06-24	6	24	4:00:00	2022-06-24 4:00	N	59.8	9.63E+05	OK	Discard	-999.0	59.8	
55446	1	183	2022-06-24	6	24	5:00:00	2022-06-24 5:00	N	45.5	3.52E+04	OK	OK	45.5	-999.0	3.52E+04
59046	1	184	2022-06-24	6	24	6:00:00	2022-06-24 6:00	N	43.4	2.17E+04	Discard	OK	-999.0	43.4	
62646	1	185	2022-06-24	6	24	7:00:00	2022-06-24 7:00	D	41.7	1.48E+04	OK	OK	41.7	-999.0	1.48E+04
66246	1	186	2022-06-24	6	24	8:00:00	2022-06-24 8:00	D	42.5	1.76E+04	OK	OK	42.5	-999.0	1.76E+04
69846	1	187	2022-06-24	6	24	9:00:00	2022-06-24 9:00	D	42.2	1.65E+04	OK	OK	42.2	-999.0	1.65E+04

Record	Campaign	Campaign Record	Date	Month	Day	Time	Timestamp	Period	LAeq	Antilog	Met Test	Other (see comments)	1-hr Leq (dBA)		Antilog
73446	1	188	2022-06-24	6	24	10:00:00	2022-06-24 10:00	D	38.0	6.34E+03	OK	OK	38.0	-999.0	6.34E+03
77046	1	189	2022-06-24	6	24	11:00:00	2022-06-24 11:00	D	48.8	7.64E+04	OK	OK	48.8	-999.0	7.64E+04
80646	1	190	2022-06-24	6	24	12:00:00	2022-06-24 12:00	D	36.9	4.89E+03	OK	OK	36.9	-999.0	4.89E+03
84246	1	191	2022-06-24	6	24	13:00:00	2022-06-24 13:00	D	35.3	3.35E+03	Discard	OK	-999.0	35.3	
87846	1	192	2022-06-24	6	24	14:00:00	2022-06-24 14:00	D	35.0	3.15E+03	OK	OK	35.0	-999.0	3.15E+03
91446	1	193	2022-06-24	6	24	15:00:00	2022-06-24 15:00	D	33.7	2.36E+03	OK	OK	33.7	-999.0	2.36E+03
95046	1	194	2022-06-24	6	24	16:00:00	2022-06-24 16:00	D	36.2	4.14E+03	OK	OK	36.2	-999.0	4.14E+03
98646	1	195	2022-06-24	6	24	17:00:00	2022-06-24 17:00	D	38.5	7.07E+03	OK	OK	38.5	-999.0	7.07E+03
102246	1	196	2022-06-24	6	24	18:00:00	2022-06-24 18:00	D	33.9	2.45E+03	OK	OK	33.9	-999.0	2.45E+03
105846	1	197	2022-06-24	6	24	19:00:00	2022-06-24 19:00	E	38.0	6.36E+03	OK	OK	38.0	-999.0	6.36E+03
109446	1	198	2022-06-24	6	24	20:00:00	2022-06-24 20:00	E	33.5	2.24E+03	OK	OK	33.5	-999.0	2.24E+03
113046	1	199	2022-06-24	6	24	21:00:00	2022-06-24 21:00	E	35.5	3.56E+03	Discard	OK	-999.0	35.5	
116646	1	200	2022-06-24	6	24	22:00:00	2022-06-24 22:00	E	47.1	5.16E+04	Discard	OK	-999.0	47.1	
120246	1	201	2022-06-24	6	24	23:00:00	2022-06-24 23:00	N	60.0	1.00E+06	OK	Discard	-999.0	60.0	
123846	1	202	2022-06-25	6	25	0:00:00	2022-06-25 0:00	N	57.0	5.05E+05	OK	Discard	-999.0	57.0	
127446	1	203	2022-06-25	6	25	1:00:00	2022-06-25 1:00	N	52.6	1.83E+05	Discard	OK	-999.0	52.6	
131046	1	204	2022-06-25	6	25	2:00:00	2022-06-25 2:00	N	49.1	8.05E+04	Discard	OK	-999.0	49.1	
134646	1	205	2022-06-25	6	25	3:00:00	2022-06-25 3:00	N	35.4	3.50E+03	Discard	OK	-999.0	35.4	
138246	1	206	2022-06-25	6	25	4:00:00	2022-06-25 4:00	N	48.4	6.96E+04	Discard	OK	-999.0	48.4	
141846	1	207	2022-06-25	6	25	5:00:00	2022-06-25 5:00	N	42.8	1.92E+04	OK	OK	42.8	-999.0	1.92E+04
145446	1	208	2022-06-25	6	25	6:00:00	2022-06-25 6:00	N	41.7	1.48E+04	OK	OK	41.7	-999.0	1.48E+04
149046	1	209	2022-06-25	6	25	7:00:00	2022-06-25 7:00	D	44.1	2.58E+04	OK	OK	44.1	-999.0	2.58E+04
152646	1	210	2022-06-25	6	25	8:00:00	2022-06-25 8:00	D	44.9	3.12E+04	OK	OK	44.9	-999.0	3.12E+04
156246	1	211	2022-06-25	6	25	9:00:00	2022-06-25 9:00	D	45.5	3.54E+04	OK	OK	45.5	-999.0	3.54E+04
159846	1	212	2022-06-25	6	25	10:00:00	2022-06-25 10:00	D	47.5	5.60E+04	OK	OK	47.5	-999.0	5.60E+04
163446	1	213	2022-06-25	6	25	11:00:00	2022-06-25 11:00	D	43.1	2.06E+04	Discard	OK	-999.0	43.1	
167046	1	214	2022-06-25	6	25	12:00:00	2022-06-25 12:00	D	44.1	2.55E+04	Discard	OK	-999.0	44.1	

Record	Campaign	Campaign Record	Date	Month	Day	Time	Timestamp	Period	LAeq	Antilog	Met Test	Other (see comments)	1-hr Leq (dBA)		Antilog
170646	1	215	2022-06-25	6	25	13:00:00	2022-06-25 13:00	D	43.3	2.13E+04	OK	OK	43.3	-999.0	2.13E+04
174246	1	216	2022-06-25	6	25	14:00:00	2022-06-25 14:00	D	45.8	3.81E+04	Discard	OK	-999.0	45.8	
177846	1	217	2022-06-25	6	25	15:00:00	2022-06-25 15:00	D	47.1	5.18E+04	OK	OK	47.1	-999.0	5.18E+04
181446	1	218	2022-06-25	6	25	16:00:00	2022-06-25 16:00	D	49.7	9.23E+04	Discard	OK	-999.0	49.7	
185046	2	1	2022-06-25	6	25	17:00:00	2022-06-25 17:00	D	52.4	1.75E+05	Discard	OK	-999.0	52.4	
188646	2	2	2022-06-25	6	25	18:00:00	2022-06-25 18:00	D	51.1	1.27E+05	Discard	OK	-999.0	51.1	
192246	2	3	2022-06-25	6	25	19:00:00	2022-06-25 19:00	E	47.1	5.11E+04	Discard	OK	-999.0	47.1	
195846	2	4	2022-06-25	6	25	20:00:00	2022-06-25 20:00	E	43.9	2.47E+04	Discard	OK	-999.0	43.9	
199446	2	5	2022-06-25	6	25	21:00:00	2022-06-25 21:00	E	43.9	2.48E+04	Discard	OK	-999.0	43.9	
203046	2	6	2022-06-25	6	25	22:00:00	2022-06-25 22:00	E	42.3	1.72E+04	OK	OK	42.3	-999.0	1.72E+04
206646	2	7	2022-06-25	6	25	23:00:00	2022-06-25 23:00	N	47.2	5.30E+04	OK	OK	47.2	-999.0	5.30E+04
210246	2	8	2022-06-26	6	26	0:00:00	2022-06-26 0:00	N	48.2	6.62E+04	OK	OK	48.2	-999.0	6.62E+04
213846	2	9	2022-06-26	6	26	1:00:00	2022-06-26 1:00	N	48.1	6.53E+04	Discard	OK	-999.0	48.1	
217446	2	10	2022-06-26	6	26	2:00:00	2022-06-26 2:00	N	46.0	3.97E+04	Discard	OK	-999.0	46.0	
221046	2	11	2022-06-26	6	26	3:00:00	2022-06-26 3:00	N	47.3	5.32E+04	Discard	OK	-999.0	47.3	
224646	2	12	2022-06-26	6	26	4:00:00	2022-06-26 4:00	N	50.0	9.98E+04	Discard	OK	-999.0	50.0	
228246	2	13	2022-06-26	6	26	5:00:00	2022-06-26 5:00	N	48.9	7.73E+04	Discard	OK	-999.0	48.9	
231846	2	14	2022-06-26	6	26	6:00:00	2022-06-26 6:00	N	53.1	2.06E+05	Discard	OK	-999	53.1	
235446	2	15	2022-06-26	6	26	7:00:00	2022-06-26 7:00	D	52.9	1.97E+05	Discard	OK	-999	52.9	
239046	2	16	2022-06-26	6	26	8:00:00	2022-06-26 8:00	D	50.9	1.24E+05	Discard	OK	-999	50.9	
242646	2	17	2022-06-26	6	26	9:00:00	2022-06-26 9:00	D	48.2	6.63E+04	Discard	OK	-999	48.2	
246246	2	18	2022-06-26	6	26	10:00:00	2022-06-26 10:00	D	51.5	1.41E+05	Discard	OK	-999	51.5	
249846	2	19	2022-06-26	6	26	11:00:00	2022-06-26 11:00	D	55.2	3.28E+05	Discard	OK	-999	55.2	
253446	2	20	2022-06-26	6	26	12:00:00	2022-06-26 12:00	D	54.3	2.67E+05	Discard	OK	-999	54.3	
257046	2	21	2022-06-26	6	26	13:00:00	2022-06-26 13:00	D	52.6	1.81E+05	Discard	OK	-999	52.6	
260646	2	22	2022-06-26	6	26	14:00:00	2022-06-26 14:00	D	53.0	1.98E+05	Discard	OK	-999	53.0	
264246	2	23	2022-06-26	6	26	15:00:00	2022-06-26 15:00	D	53.5	2.25E+05	Discard	OK	-999	53.5	

Record	Campaign	Campaign Record	Date	Month	Day	Time	Timestamp	Period	LAeq	Antilog	Met Test	Other (see comments)	1-hr Leq (dBA)		Antilog
267846	2	24	2022-06-26	6	26	16:00:00	2022-06-26 16:00	D	51.5	1.41E+05	Discard	OK	-999	51.5	
271446	2	25	2022-06-26	6	26	17:00:00	2022-06-26 17:00	D	49.4	8.68E+04	Discard	OK	-999	49.4	
275046	2	26	2022-06-26	6	26	18:00:00	2022-06-26 18:00	D	49.4	8.68E+04	Discard	OK	-999.0	49.4	
278646	2	27	2022-06-26	6	26	19:00:00	2022-06-26 19:00	E	44.4	2.72E+04	Discard	OK	-999.0	44.4	
282246	2	28	2022-06-26	6	26	20:00:00	2022-06-26 20:00	E	36.8	4.78E+03	Discard	OK	-999.0	36.8	
285846	2	29	2022-06-26	6	26	21:00:00	2022-06-26 21:00	E	39.4	8.69E+03	OK	OK	39.4	-999.0	8.69E+03
289446	2	30	2022-06-26	6	26	22:00:00	2022-06-26 22:00	E	39.5	8.84E+03	OK	OK	39.5	-999.0	8.84E+03
293046	2	31	2022-06-26	6	26	23:00:00	2022-06-26 23:00	N	36.4	4.37E+03	OK	OK	36.4	-999.0	4.37E+03
296646	2	32	2022-06-27	6	27	0:00:00	2022-06-27 0:00	N	37.6	5.75E+03	OK	OK	37.6	-999.0	5.75E+03
300246	2	33	2022-06-27	6	27	1:00:00	2022-06-27 1:00	N	38.9	7.83E+03	Discard	OK	-999.0	38.9	
303846	2	34	2022-06-27	6	27	2:00:00	2022-06-27 2:00	N	37.8	6.00E+03	OK	OK	37.8	-999.0	6.00E+03
307446	2	35	2022-06-27	6	27	3:00:00	2022-06-27 3:00	N	32.5	1.80E+03	OK	OK	32.5	-999.0	1.80E+03
311046	2	36	2022-06-27	6	27	4:00:00	2022-06-27 4:00	N	43.0	1.97E+04	OK	OK	43.0	-999.0	1.97E+04
314646	2	37	2022-06-27	6	27	5:00:00	2022-06-27 5:00	N	40.2	1.05E+04	OK	OK	40.2	-999.0	1.05E+04
318246	2	38	2022-06-27	6	27	6:00:00	2022-06-27 6:00	N	35.7	3.71E+03	OK	OK	35.7	-999.0	3.71E+03
321846	2	39	2022-06-27	6	27	7:00:00	2022-06-27 7:00	D	40.1	1.02E+04	OK	OK	40.1	-999.0	1.02E+04
325446	2	40	2022-06-27	6	27	8:00:00	2022-06-27 8:00	D	43.4	2.18E+04	OK	OK	43.4	-999.0	2.18E+04
329046	2	41	2022-06-27	6	27	9:00:00	2022-06-27 9:00	D	41.1	1.30E+04	Discard	OK	-999.0	41.1	
332646	2	42	2022-06-27	6	27	10:00:00	2022-06-27 10:00	D	40.8	1.21E+04	OK	OK	40.8	-999.0	1.21E+04
336246	2	43	2022-06-27	6	27	11:00:00	2022-06-27 11:00	D	39.0	7.86E+03	Discard	OK	-999.0	39.0	
339846	2	44	2022-06-27	6	27	12:00:00	2022-06-27 12:00	D	44.6	2.87E+04	OK	OK	44.6	-999.0	2.87E+04
343446	2	45	2022-06-27	6	27	13:00:00	2022-06-27 13:00	D	45.3	3.38E+04	OK	OK	45.3	-999.0	3.38E+04
347046	2	46	2022-06-27	6	27	14:00:00	2022-06-27 14:00	D	48.3	6.69E+04	OK	OK	48.3	-999.0	6.69E+04
	2	47	2022-06-27	6	27	15:00:00	2022-06-27 15:00	D	N/A		Discard	OK	-999.0		
1759	2	48	2022-06-27	6	27	16:00:00	2022-06-27 16:00	D	50.3	1.08E+05	Discard	OK	-999.0	50.3	
5359	2	49	2022-06-27	6	27	17:00:00	2022-06-27 17:00	D	48.7	7.40E+04	Discard	OK	-999.0	48.7	
8959	2	50	2022-06-27	6	27	18:00:00	2022-06-27 18:00	D	44.7	2.95E+04	Discard	OK	-999.0	44.7	

Record	Campaign	Campaign Record	Date	Month	Day	Time	Timestamp	Period	LAeq	Antilog	Met Test	Other (see comments)	1-hr Leq (dBA)		Antilog
12559	2	51	2022-06-27	6	27	19:00:00	2022-06-27 19:00	E	40.5	1.12E+04	Discard	OK	-999.0	40.5	
16159	2	52	2022-06-27	6	27	20:00:00	2022-06-27 20:00	E	36.4	4.39E+03	Discard	OK	-999.0	36.4	
19759	2	53	2022-06-27	6	27	21:00:00	2022-06-27 21:00	E	46.8	4.82E+04	OK	OK	46.8	-999.0	4.82E+04
23359	2	54	2022-06-27	6	27	22:00:00	2022-06-27 22:00	E	37.7	5.91E+03	OK	OK	37.7	-999.0	5.91E+03
26959	2	55	2022-06-27	6	27	23:00:00	2022-06-27 23:00	N	37.2	5.21E+03	OK	OK	37.2	-999.0	5.21E+03
30559	2	56	2022-06-28	6	28	0:00:00	2022-06-28 0:00	N	36.3	4.28E+03	OK	OK	36.3	-999.0	4.28E+03
34159	2	57	2022-06-28	6	28	1:00:00	2022-06-28 1:00	N	34.3	2.70E+03	OK	OK	34.3	-999.0	2.70E+03
37759	2	58	2022-06-28	6	28	2:00:00	2022-06-28 2:00	N	43.5	2.24E+04	OK	OK	43.5	-999.0	2.24E+04
41359	2	59	2022-06-28	6	28	3:00:00	2022-06-28 3:00	N	38.2	6.64E+03	OK	OK	38.2	-999.0	6.64E+03
44959	2	60	2022-06-28	6	28	4:00:00	2022-06-28 4:00	N	45.3	3.38E+04	OK	OK	45.3	-999.0	3.38E+04
48559	2	61	2022-06-28	6	28	5:00:00	2022-06-28 5:00	N	40.3	1.08E+04	Discard	OK	-999.0	40.3	
52159	2	62	2022-06-28	6	28	6:00:00	2022-06-28 6:00	N	39.5	9.00E+03	Discard	OK	-999.0	39.5	
55759	2	63	2022-06-28	6	28	7:00:00	2022-06-28 7:00	D	37.5	5.69E+03	Discard	OK	-999.0	37.5	
59359	2	64	2022-06-28	6	28	8:00:00	2022-06-28 8:00	D	38.1	6.39E+03	OK	OK	38.1	-999.0	6.39E+03
62959	2	65	2022-06-28	6	28	9:00:00	2022-06-28 9:00	D	37.5	5.57E+03	Discard	OK	-999.0	37.5	
66559	2	66	2022-06-28	6	28	10:00:00	2022-06-28 10:00	D	38.6	7.30E+03	OK	OK	38.6	-999.0	7.30E+03
70159	2	67	2022-06-28	6	28	11:00:00	2022-06-28 11:00	D	40.7	1.17E+04	OK	OK	40.7	-999.0	1.17E+04
73759	2	68	2022-06-28	6	28	12:00:00	2022-06-28 12:00	D	41.8	1.51E+04	OK	OK	41.8	-999.0	1.51E+04
77359	2	69	2022-06-28	6	28	13:00:00	2022-06-28 13:00	D	41.2	1.32E+04	OK	OK	41.2	-999.0	1.32E+04
80959	2	70	2022-06-28	6	28	14:00:00	2022-06-28 14:00	D	43.6	2.29E+04	OK	OK	43.6	-999.0	2.29E+04
	2	71	2022-06-28	6	28	15:00:00	2022-06-28 15:00	D	N/A		OK	OK	-999		
3206	2	72	2022-06-28	6	28	16:00:00	2022-06-28 16:00	D	41.1	1.28E+04	OK	OK	41.1	-999.0	1.28E+04
6806	2	73	2022-06-28	6	28	17:00:00	2022-06-28 17:00	D	38.5	7.11E+03	OK	OK	38.5	-999.0	7.11E+03
10406	2	74	2022-06-28	6	28	18:00:00	2022-06-28 18:00	D	37.6	5.75E+03	OK	OK	37.6	-999.0	5.75E+03
14006	2	75	2022-06-28	6	28	19:00:00	2022-06-28 19:00	E	34.8	3.02E+03	OK	OK	34.8	-999.0	3.02E+03
17606	2	76	2022-06-28	6	28	20:00:00	2022-06-28 20:00	E	34.1	2.56E+03	OK	OK	34.1	-999.0	2.56E+03
21206	2	77	2022-06-28	6	28	21:00:00	2022-06-28 21:00	E	35.5	3.55E+03	OK	OK	35.5	-999.0	3.55E+03

Record	Campaign	Campaign Record	Date	Month	Day	Time	Timestamp	Period	LAeq	Antilog	Met Test	Other (see comments)	1-hr Leq (dBA)		Antilog
24806	2	78	2022-06-28	6	28	22:00:00	2022-06-28 22:00	E	36.8	4.79E+03	OK	OK	36.8	-999.0	4.79E+03
28406	2	79	2022-06-28	6	28	23:00:00	2022-06-28 23:00	N	35.2	3.28E+03	Discard	OK	-999.0	35.2	
32006	2	80	2022-06-29	6	29	0:00:00	2022-06-29 0:00	N	37.5	5.59E+03	OK	OK	37.5	-999.0	5.59E+03
35606	2	81	2022-06-29	6	29	1:00:00	2022-06-29 1:00	N	34.7	2.96E+03	OK	OK	34.7	-999.0	2.96E+03
39206	2	82	2022-06-29	6	29	2:00:00	2022-06-29 2:00	N	35.5	3.53E+03	OK	OK	35.5	-999.0	3.53E+03
42806	2	83	2022-06-29	6	29	3:00:00	2022-06-29 3:00	N	35.7	3.68E+03	OK	OK	35.7	-999.0	3.68E+03
46406	2	84	2022-06-29	6	29	4:00:00	2022-06-29 4:00	N	42.9	1.94E+04	OK	OK	42.9	-999.0	1.94E+04
50006	2	85	2022-06-29	6	29	5:00:00	2022-06-29 5:00	N	40.2	1.04E+04	OK	OK	40.2	-999.0	1.04E+04
53606	2	86	2022-06-29	6	29	6:00:00	2022-06-29 6:00	N	38.6	7.33E+03	OK	OK	38.6	-999.0	7.33E+03
57206	2	87	2022-06-29	6	29	7:00:00	2022-06-29 7:00	D	35.2	3.30E+03	OK	OK	35.2	-999.0	3.30E+03
60806	2	88	2022-06-29	6	29	8:00:00	2022-06-29 8:00	D	37.7	5.94E+03	OK	OK	37.7	-999.0	5.94E+03
64406	2	89	2022-06-29	6	29	9:00:00	2022-06-29 9:00	D	37.1	5.16E+03	Discard	OK	-999.0	37.1	
68006	2	90	2022-06-29	6	29	10:00:00	2022-06-29 10:00	D	39.4	8.70E+03	OK	OK	39.4	-999.0	8.70E+03
71606	2	91	2022-06-29	6	29	11:00:00	2022-06-29 11:00	D	42.7	1.85E+04	OK	OK	42.7	-999.0	1.85E+04
75206	2	92	2022-06-29	6	29	12:00:00	2022-06-29 12:00	D	42.9	1.96E+04	OK	OK	42.9	-999.0	1.96E+04
78806	2	93	2022-06-29	6	29	13:00:00	2022-06-29 13:00	D	42.7	1.86E+04	OK	OK	42.7	-999.0	1.86E+04
82406	2	94	2022-06-29	6	29	14:00:00	2022-06-29 14:00	D	44.6	2.88E+04	Discard	OK	-999.0	44.6	
86006	2	95	2022-06-29	6	29	15:00:00	2022-06-29 15:00	D	48.1	6.42E+04	Discard	OK	-999.0	48.1	
89606	2	96	2022-06-29	6	29	16:00:00	2022-06-29 16:00	D	46.7	4.63E+04	Discard	OK	-999.0	46.7	
93206	2	97	2022-06-29	6	29	17:00:00	2022-06-29 17:00	D	49.0	7.87E+04	Discard	OK	-999.0	49.0	
96806	2	98	2022-06-29	6	29	18:00:00	2022-06-29 18:00	D	40.6	1.14E+04	Discard	OK	-999.0	40.6	
100406	2	99	2022-06-29	6	29	19:00:00	2022-06-29 19:00	E	38.5	7.02E+03	Discard	OK	-999.0	38.5	
104006	2	100	2022-06-29	6	29	20:00:00	2022-06-29 20:00	E	33.9	2.44E+03	OK	OK	33.9	-999.0	2.44E+03
107606	2	101	2022-06-29	6	29	21:00:00	2022-06-29 21:00	E	37.2	5.19E+03	OK	OK	37.2	-999.0	5.19E+03
111206	2	102	2022-06-29	6	29	22:00:00	2022-06-29 22:00	E	36.5	4.43E+03	OK	OK	36.5	-999.0	4.43E+03
114806	2	103	2022-06-29	6	29	23:00:00	2022-06-29 23:00	N	37.7	5.83E+03	Discard	OK	-999.0	37.7	
118406	2	104	2022-06-30	6	30	0:00:00	2022-06-30 0:00	N	36.6	4.59E+03	Discard	OK	-999.0	36.6	

Record	Campaign	Campaign Record	Date	Month	Day	Time	Timestamp	Period	LAeq	Antilog	Met Test	Other (see comments)	1-hr Leq (dBA)		Antilog
122006	2	105	2022-06-30	6	30	1:00:00	2022-06-30 1:00	N	31.5	1.41E+03	Discard	OK	-999.0	31.5	
125606	2	106	2022-06-30	6	30	2:00:00	2022-06-30 2:00	N	33.5	2.26E+03	Discard	OK	-999.0	33.5	
129206	2	107	2022-06-30	6	30	3:00:00	2022-06-30 3:00	N	31.4	1.39E+03	Discard	OK	-999.0	31.4	
132806	2	108	2022-06-30	6	30	4:00:00	2022-06-30 4:00	N	44.2	2.61E+04	OK	OK	44.2	-999.0	2.61E+04
136406	2	109	2022-06-30	6	30	5:00:00	2022-06-30 5:00	N	39.5	8.99E+03	OK	OK	39.5	-999.0	8.99E+03
140006	2	110	2022-06-30	6	30	6:00:00	2022-06-30 6:00	N	37.0	5.01E+03	OK	OK	37.0	-999.0	5.01E+03
143606	2	111	2022-06-30	6	30	7:00:00	2022-06-30 7:00	D	42.0	1.57E+04	OK	OK	42.0	-999.0	1.57E+04
147206	2	112	2022-06-30	6	30	8:00:00	2022-06-30 8:00	D	44.1	2.55E+04	OK	OK	44.1	-999.0	2.55E+04
150806	2	113	2022-06-30	6	30	9:00:00	2022-06-30 9:00	D	46.6	4.56E+04	Discard	OK	-999.0	46.6	
154406	2	114	2022-06-30	6	30	10:00:00	2022-06-30 10:00	D	46.9	4.90E+04	OK	OK	46.9	-999.0	4.90E+04
158006	2	115	2022-06-30	6	30	11:00:00	2022-06-30 11:00	D	47.6	5.77E+04	Discard	OK	-999	47.6	
161606	2	116	2022-06-30	6	30	12:00:00	2022-06-30 12:00	D	48.1	6.49E+04	Discard	OK	-999	48.1	
	2	117	2022-06-30	6	30	13:00:00	2022-06-30 13:00	D	N/A		Discard	OK	-999		
1790	2	118	2022-06-30	6	30	14:00:00	2022-06-30 14:00	D	49.8	9.46E+04	Discard	OK	-999	49.8	
5390	2	119	2022-06-30	6	30	15:00:00	2022-06-30 15:00	D	46.8	4.82E+04	Discard	OK	-999	46.8	
8990	2	120	2022-06-30	6	30	16:00:00	2022-06-30 16:00	D	48.0	6.28E+04	Discard	OK	-999	48.0	
12590	2	121	2022-06-30	6	30	17:00:00	2022-06-30 17:00	D	46.8	4.75E+04	Discard	OK	-999.0	46.8	
16190	2	122	2022-06-30	6	30	18:00:00	2022-06-30 18:00	D	46.6	4.58E+04	OK	OK	46.6	-999.0	4.58E+04
19790	2	123	2022-06-30	6	30	19:00:00	2022-06-30 19:00	E	45.9	3.91E+04	OK	OK	45.9	-999.0	3.91E+04
23390	2	124	2022-06-30	6	30	20:00:00	2022-06-30 20:00	E	38.7	7.38E+03	Discard	OK	-999.0	38.7	
26990	2	125	2022-06-30	6	30	21:00:00	2022-06-30 21:00	E	37.7	5.85E+03	OK	OK	37.7	-999.0	5.85E+03
30590	2	126	2022-06-30	6	30	22:00:00	2022-06-30 22:00	E	39.5	8.89E+03	OK	OK	39.5	-999.0	8.89E+03
34190	2	127	2022-06-30	6	30	23:00:00	2022-06-30 23:00	N	37.2	5.24E+03	OK	OK	37.2	-999.0	5.24E+03
37790	2	128	2022-07-01	7	1	0:00:00	2022-07-01 0:00	N	38.1	6.49E+03	OK	OK	38.1	-999.0	6.49E+03
41390	2	129	2022-07-01	7	1	1:00:00	2022-07-01 1:00	N	35.9	3.85E+03	OK	OK	35.9	-999.0	3.85E+03
44990	2	130	2022-07-01	7	1	2:00:00	2022-07-01 2:00	N	35.1	3.25E+03	Discard	OK	-999.0	35.1	
48590	2	131	2022-07-01	7	1	3:00:00	2022-07-01 3:00	N	34.6	2.86E+03	OK	OK	34.6	-999.0	2.86E+03

Record	Campaign	Campaign Record	Date	Month	Day	Time	Timestamp	Period	LAeq	Antilog	Met Test	Other (see comments)	1-hr Leq (dBA)		Antilog
52190	2	132	2022-07-01	7	1	4:00:00	2022-07-01 4:00	N	41.5	1.42E+04	OK	OK	41.5	-999.0	1.42E+04
55790	2	133	2022-07-01	7	1	5:00:00	2022-07-01 5:00	N	41.4	1.39E+04	OK	OK	41.4	-999.0	1.39E+04
59390	2	134	2022-07-01	7	1	6:00:00	2022-07-01 6:00	N	37.6	5.80E+03	OK	OK	37.6	-999.0	5.80E+03
62990	2	135	2022-07-01	7	1	7:00:00	2022-07-01 7:00	D	36.6	4.58E+03	OK	OK	36.6	-999.0	4.58E+03
66590	2	136	2022-07-01	7	1	8:00:00	2022-07-01 8:00	D	39.7	9.34E+03	Discard	OK	-999.0	39.7	
70190	2	137	2022-07-01	7	1	9:00:00	2022-07-01 9:00	D	40.9	1.23E+04	OK	OK	40.9	-999.0	1.23E+04
73790	2	138	2022-07-01	7	1	10:00:00	2022-07-01 10:00	D	45.0	3.15E+04	OK	OK	45.0	-999.0	3.15E+04
77390	2	139	2022-07-01	7	1	11:00:00	2022-07-01 11:00	D	48.6	7.17E+04	OK	OK	48.6	-999.0	7.17E+04
80990	2	140	2022-07-01	7	1	12:00:00	2022-07-01 12:00	D	50.7	1.19E+05	OK	Discard	-999.0	50.7	
84590	2	141	2022-07-01	7	1	13:00:00	2022-07-01 13:00	D	50.9	1.24E+05	Discard	OK	-999.0	50.9	
88190	2	142	2022-07-01	7	1	14:00:00	2022-07-01 14:00	D	51.1	1.30E+05	Discard	OK	-999.0	51.1	
91790	2	143	2022-07-01	7	1	15:00:00	2022-07-01 15:00	D	50.3	1.08E+05	Discard	OK	-999	50.3	
95390	2	144	2022-07-01	7	1	16:00:00	2022-07-01 16:00	D	49.2	8.29E+04	Discard	OK	-999	49.2	
98990	2	145	2022-07-01	7	1	17:00:00	2022-07-01 17:00	D	46.5	4.49E+04	Discard	OK	-999	46.5	
102590	2	146	2022-07-01	7	1	18:00:00	2022-07-01 18:00	D	44.2	2.62E+04	Discard	OK	-999.0	44.2	
106190	2	147	2022-07-01	7	1	19:00:00	2022-07-01 19:00	E	40.2	1.06E+04	OK	OK	40.2	-999.0	1.06E+04
109790	2	148	2022-07-01	7	1	20:00:00	2022-07-01 20:00	E	36.2	4.17E+03	OK	OK	36.2	-999.0	4.17E+03
113390	2	149	2022-07-01	7	1	21:00:00	2022-07-01 21:00	E	38.4	6.95E+03	OK	OK	38.4	-999.0	6.95E+03
116990	2	150	2022-07-01	7	1	22:00:00	2022-07-01 22:00	E	37.2	5.23E+03	OK	OK	37.2	-999.0	5.23E+03
120590	2	151	2022-07-01	7	1	23:00:00	2022-07-01 23:00	N	36.3	4.27E+03	OK	OK	36.3	-999.0	4.27E+03
124190	2	152	2022-07-02	7	2	0:00:00	2022-07-02 0:00	N	37.3	5.36E+03	OK	OK	37.3	-999.0	5.36E+03
127790	2	153	2022-07-02	7	2	1:00:00	2022-07-02 1:00	N	36.4	4.34E+03	Discard	OK	-999.0	36.4	
131390	2	154	2022-07-02	7	2	2:00:00	2022-07-02 2:00	N	38.5	7.12E+03	OK	OK	38.5	-999.0	7.12E+03
134990	2	155	2022-07-02	7	2	3:00:00	2022-07-02 3:00	N	37.3	5.39E+03	OK	OK	37.3	-999.0	5.39E+03
138590	2	156	2022-07-02	7	2	4:00:00	2022-07-02 4:00	N	44.7	2.95E+04	OK	OK	44.7	-999.0	2.95E+04
142190	2	157	2022-07-02	7	2	5:00:00	2022-07-02 5:00	N	44.2	2.61E+04	OK	OK	44.2	-999.0	2.61E+04
145790	2	158	2022-07-02	7	2	6:00:00	2022-07-02 6:00	N	40.2	1.05E+04	OK	OK	40.2	-999.0	1.05E+04

Record	Campaign	Campaign Record	Date	Month	Day	Time	Timestamp	Period	LAeq	Antilog	Met Test	Other (see comments)	1-hr Leq (dBA)		Antilog
149390	2	159	2022-07-02	7	2	7:00:00	2022-07-02 7:00	D	37.8	6.07E+03	OK	OK	37.8	-999.0	6.07E+03
152990	2	160	2022-07-02	7	2	8:00:00	2022-07-02 8:00	D	37.0	5.04E+03	Discard	OK	-999.0	37.0	
156590	2	161	2022-07-02	7	2	9:00:00	2022-07-02 9:00	D	40.4	1.09E+04	OK	OK	40.4	-999.0	1.09E+04
160190	2	162	2022-07-02	7	2	10:00:00	2022-07-02 10:00	D	41.3	1.36E+04	OK	OK	41.3	-999.0	1.36E+04
163790	2	163	2022-07-02	7	2	11:00:00	2022-07-02 11:00	D	43.3	2.12E+04	OK	OK	43.3	-999.0	2.12E+04
167390	2	164	2022-07-02	7	2	12:00:00	2022-07-02 12:00	D	43.3	2.13E+04	OK	OK	43.3	-999.0	2.13E+04
170990	2	165	2022-07-02	7	2	13:00:00	2022-07-02 13:00	D	40.6	1.14E+04	OK	OK	40.6	-999.0	1.14E+04
174590	2	166	2022-07-02	7	2	14:00:00	2022-07-02 14:00	D	40.2	1.05E+04	OK	OK	40.2	-999.0	1.05E+04
178190	2	167	2022-07-02	7	2	15:00:00	2022-07-02 15:00	D	38.4	6.90E+03	OK	OK	38.4	-999.0	6.90E+03
181790	2	168	2022-07-02	7	2	16:00:00	2022-07-02 16:00	D	37.7	5.83E+03	OK	OK	37.7	-999.0	5.83E+03
185390	2	169	2022-07-02	7	2	17:00:00	2022-07-02 17:00	D	38.6	7.18E+03	OK	OK	38.6	-999.0	7.18E+03
188990	2	170	2022-07-02	7	2	18:00:00	2022-07-02 18:00	D	37.5	5.57E+03	OK	OK	37.5	-999.0	5.57E+03
192590	2	171	2022-07-02	7	2	19:00:00	2022-07-02 19:00	E	35.8	3.83E+03	OK	OK	35.8	-999.0	3.83E+03
196190	2	172	2022-07-02	7	2	20:00:00	2022-07-02 20:00	E	36.5	4.48E+03	OK	OK	36.5	-999.0	4.48E+03
199790	2	173	2022-07-02	7	2	21:00:00	2022-07-02 21:00	E	34.7	2.92E+03	OK	OK	34.7	-999.0	2.92E+03
203390	2	174	2022-07-02	7	2	22:00:00	2022-07-02 22:00	E	32.4	1.72E+03	OK	OK	32.4	-999.0	1.72E+03
206990	2	175	2022-07-02	7	2	23:00:00	2022-07-02 23:00	N	31.1	1.30E+03	Discard	OK	-999.0	31.1	
210590	2	176	2022-07-03	7	3	0:00:00	2022-07-03 0:00	N	29.2	8.23E+02	OK	OK	29.2	-999.0	8.23E+02
214190	2	177	2022-07-03	7	3	1:00:00	2022-07-03 1:00	N	29.3	8.58E+02	OK	OK	29.3	-999.0	8.58E+02
217790	2	178	2022-07-03	7	3	2:00:00	2022-07-03 2:00	N	32.8	1.89E+03	OK	OK	32.8	-999.0	1.89E+03
221390	2	179	2022-07-03	7	3	3:00:00	2022-07-03 3:00	N	36.8	4.75E+03	OK	OK	36.8	-999.0	4.75E+03
224990	2	180	2022-07-03	7	3	4:00:00	2022-07-03 4:00	N	41.2	1.30E+04	OK	OK	41.2	-999.0	1.30E+04
228590	2	181	2022-07-03	7	3	5:00:00	2022-07-03 5:00	N	43.0	2.00E+04	OK	OK	43.0	-999.0	2.00E+04
232190	2	182	2022-07-03	7	3	6:00:00	2022-07-03 6:00	N	35.9	3.88E+03	OK	OK	35.9	-999.0	3.88E+03
235790	2	183	2022-07-03	7	3	7:00:00	2022-07-03 7:00	D	37.1	5.16E+03	OK	OK	37.1	-999.0	5.16E+03
239390	2	184	2022-07-03	7	3	8:00:00	2022-07-03 8:00	D	35.3	3.36E+03	OK	OK	35.3	-999.0	3.36E+03
242990	2	185	2022-07-03	7	3	9:00:00	2022-07-03 9:00	D	36.4	4.39E+03	Discard	OK	-999.0	36.4	

Record	Campaign	Campaign Record	Date	Month	Day	Time	Timestamp	Period	LAeq	Antilog	Met Test	Other (see comments)	1-hr Leq (dBA)		Antilog
246590	2	186	2022-07-03	7	3	10:00:00	2022-07-03 10:00	D	35.6	3.67E+03	OK	OK	35.6	-999.0	3.67E+03
250190	2	187	2022-07-03	7	3	11:00:00	2022-07-03 11:00	D	37.4	5.45E+03	OK	OK	37.4	-999.0	5.45E+03
253790	2	188	2022-07-03	7	3	12:00:00	2022-07-03 12:00	D	37.6	5.75E+03	OK	OK	37.6	-999.0	5.75E+03
257390	2	189	2022-07-03	7	3	13:00:00	2022-07-03 13:00	D	39.6	9.05E+03	OK	OK	39.6	-999.0	9.05E+03
260990	2	190	2022-07-03	7	3	14:00:00	2022-07-03 14:00	D	36.4	4.33E+03	OK	OK	36.4	-999.0	4.33E+03
264590	2	191	2022-07-03	7	3	15:00:00	2022-07-03 15:00	D	38.9	7.82E+03	OK	OK	38.9	-999.0	7.82E+03
268190	2	192	2022-07-03	7	3	16:00:00	2022-07-03 16:00	D	37.7	5.94E+03	OK	OK	37.7	-999.0	5.94E+03
271790	2	193	2022-07-03	7	3	17:00:00	2022-07-03 17:00	D	36.6	4.57E+03	OK	OK	36.6	-999.0	4.57E+03
275390	2	194	2022-07-03	7	3	18:00:00	2022-07-03 18:00	D	37.8	6.00E+03	OK	OK	37.8	-999.0	6.00E+03
278990	2	195	2022-07-03	7	3	19:00:00	2022-07-03 19:00	E	36.7	4.65E+03	OK	OK	36.7	-999.0	4.65E+03
282590	2	196	2022-07-03	7	3	20:00:00	2022-07-03 20:00	E	35.7	3.67E+03	OK	OK	35.7	-999.0	3.67E+03
286190	2	197	2022-07-03	7	3	21:00:00	2022-07-03 21:00	E	37.7	5.85E+03	OK	OK	37.7	-999.0	5.85E+03
289790	2	198	2022-07-03	7	3	22:00:00	2022-07-03 22:00	E	34.0	2.53E+03	OK	OK	34.0	-999.0	2.53E+03
293390	2	199	2022-07-03	7	3	23:00:00	2022-07-03 23:00	N	31.4	1.39E+03	OK	OK	31.4	-999.0	1.39E+03
296990	2	200	2022-07-04	7	4	0:00:00	2022-07-04 0:00	N	30.6	1.15E+03	OK	OK	30.6	-999.0	1.15E+03
300590	2	201	2022-07-04	7	4	1:00:00	2022-07-04 1:00	N	30.5	1.12E+03	OK	OK	30.5	-999.0	1.12E+03
304190	2	202	2022-07-04	7	4	2:00:00	2022-07-04 2:00	N	30.6	1.14E+03	Discard	OK	-999.0	30.6	
307790	2	203	2022-07-04	7	4	3:00:00	2022-07-04 3:00	N	31.9	1.55E+03	OK	OK	31.9	-999.0	1.55E+03
311390	2	204	2022-07-04	7	4	4:00:00	2022-07-04 4:00	N	40.9	1.23E+04	OK	OK	40.9	-999.0	1.23E+04
314990	2	205	2022-07-04	7	4	5:00:00	2022-07-04 5:00	N	41.8	1.53E+04	OK	OK	41.8	-999.0	1.53E+04
318590	2	206	2022-07-04	7	4	6:00:00	2022-07-04 6:00	N	40.7	1.18E+04	OK	OK	40.7	-999.0	1.18E+04
322190	2	207	2022-07-04	7	4	7:00:00	2022-07-04 7:00	D	40.8	1.21E+04	OK	OK	40.8	-999.0	1.21E+04
325790	2	208	2022-07-04	7	4	8:00:00	2022-07-04 8:00	D	41.7	1.49E+04	OK	OK	41.7	-999.0	1.49E+04
329390	2	209	2022-07-04	7	4	9:00:00	2022-07-04 9:00	D	39.6	9.06E+03	Discard	OK	-999.0	39.6	
332990	2	210	2022-07-04	7	4	10:00:00	2022-07-04 10:00	D	40.0	9.96E+03	Discard	OK	-999.0	40.0	
336590	2	211	2022-07-04	7	4	11:00:00	2022-07-04 11:00	D	40.6	1.14E+04	OK	OK	40.6	-999.0	1.14E+04
340190	2	212	2022-07-04	7	4	12:00:00	2022-07-04 12:00	D	40.5	1.13E+04	Discard	OK	-999.0	40.5	

Record	Campaign	Campaign Record	Date	Month	Day	Time	Timestamp	Period	LAeq	Antilog	Met Test	Other (see comments)	1-hr Leq (dBA)		Antilog
343790	2	213	2022-07-04	7	4	13:00:00	2022-07-04 13:00	D	42.6	1.82E+04	Discard	OK	-999.0	42.6	
347390	2	214	2022-07-04	7	4	14:00:00	2022-07-04 14:00	D	53.1	2.03E+05	Discard	OK	-999.0	53.1	
350990	2	215	2022-07-04	7	4	15:00:00	2022-07-04 15:00	D	42.8	1.89E+04	Discard	OK	-999.0	42.8	
354590	2	216	2022-07-04	7	4	16:00:00	2022-07-04 16:00	D	36.8	4.84E+03	OK	OK	36.8	-999.0	4.84E+03
358190	2	217	2022-07-04	7	4	17:00:00	2022-07-04 17:00	D	41.5	1.42E+04	OK	OK	41.5	-999.0	1.42E+04
361790	2	218	2022-07-04	7	4	18:00:00	2022-07-04 18:00	D	40.7	1.17E+04	OK	OK	40.7	-999.0	1.17E+04

South Station NM-2: Summary of Hourly Values Exceeding 50 dBA

Campaign	Date	No. Exceeding 50 dBA		Minimum (Leq 1-hr, dBA)	Maximum (Leq 1-hr, dBA)	Average (Leq 24-hr, dBA)	Day (07:00 - 19:00)			Evening (19:00 - 23:00)			Night (23:00 - 07:00)		
		Before Validation	After Validation				Min (Leq 1-hr, dBA)	Max (Leq 1-hr, dBA)	Avg (Leq 12-hr, dBA)	Min (Leq 1-hr, dBA)	Max (Leq 1-hr, dBA)	Avg (Leq 4-hr, dBA)	Min (Leq 1-hr, dBA)	Max (Leq 1-hr, dBA)	Avg (Leq 8-hr, dBA)
1	2022-06-16	1	0	37.1	39.5	38.4	0.0	0.0	0.0	37.1	37.1	37.1	39.5	39.5	39.5
1	2022-06-17	1	0	32.8	44.5	40.1	37.4	41.7	40.0	35.6	44.5	40.7	32.8	41.8	39.7
1	2022-06-18	0	0	37.5	47.0	43.6	40.1	47.0	44.6	41.4	45.9	43.8	37.5	43.0	40.7
1	2022-06-19	1	0	36.8	45.5	42.8	41.7	45.5	43.9	36.8	37.4	37.1	37.1	44.7	42.0
1	2022-06-20	3	0	34.7	46.8	41.4	39.1	42.3	41.0	40.5	42.3	41.5	34.7	46.8	41.8
1	2022-06-21	9	0	32.1	45.1	40.8	41.3	45.1	43.7	0.0	0.0	0.0	32.1	40.9	37.2
1	2022-06-22	0	0	32.5	46.0	39.7	35.4	39.5	37.8	32.5	43.8	38.9	32.5	46.0	41.6
1	2022-06-23	1	0	30.1	44.2	40.9	39.4	44.2	41.7	35.6	43.8	40.3	30.1	33.4	32.1
1	2022-06-24	2	0	33.5	48.8	41.2	33.7	48.8	41.5	33.5	38.0	36.3	33.7	45.5	41.7
1	2022-06-25	2	0	41.7	47.5	45.0	43.3	47.5	45.7	0.0	0.0	0.0	41.7	42.8	42.3
2	2022-06-25	2	0	42.3	47.2	45.4	0.0	0.0	0.0	42.3	42.3	42.3	47.2	47.2	47.2
2	2022-06-26	10	0	36.4	48.2	43.4	0.0	0.0	0.0	39.4	39.5	39.4	36.4	48.2	45.5
2	2022-06-27	1	0	32.5	48.3	42.7	40.1	48.3	44.6	37.7	46.8	44.3	32.5	43.0	38.8
2	2022-06-28	0	0	34.1	45.3	40.1	37.6	43.6	40.6	34.1	36.8	35.4	34.3	45.3	41.5
2	2022-06-29	0	0	33.9	42.9	39.4	35.2	42.9	41.0	33.9	37.2	36.0	34.7	42.9	38.8
2	2022-06-30	0	0	37.0	46.9	43.3	42.0	46.9	45.3	37.7	45.9	42.5	37.0	44.2	40.5
2	2022-07-01	4	0	34.6	48.6	41.2	36.6	48.6	44.8	36.2	40.2	38.3	34.6	41.5	38.7
2	2022-07-02	0	0	32.4	44.7	40.1	37.5	43.3	40.4	32.4	36.5	35.1	37.3	44.7	41.5
2	2022-07-03	0	0	29.2	43.0	37.3	35.3	39.6	37.4	34.0	37.7	36.2	29.2	43.0	37.7
2	2022-07-04	1	0	30.5	41.8	39.7	36.8	41.7	40.6	0.0	0.0	0.0	30.5	41.8	38.6

Appendix H. Results of H5N1 Lab testing of deceased American White Pelican.

WILDLIFE DIAGNOSTIC REPORT



CANADIAN
WILDLIFE HEALTH
COOPERATIVE

ONTARIO/NUNAVUT REGION
Department of Pathobiology, Ontario Veterinary College
University of Guelph, Guelph, Ontario, N1G 2W1
Toll free (Ontario Only): 1-866-673-4781
Phone: 519-824-4120 Ext. 54662
Fax: 519-821-7520 / 824-5930
Email: on-nu@cwhc-rcsf.ca

Date Report Generated: 2022-08-02

Necropsy number: W0718-22

Event Information

Event Code:	CWHC.217774	Location:	1361 Roen Road
Cross Ref #:	AWPE/NGRRM-BAIRD/ Chapple		Stratton
Species:	American White Pelican (<i>Pelecanus erythrorhynchos</i>)		Ontario
Age:		Latitude:	48.85
Sex:		Longitude:	-94.03
Weight:			
Date Received:	2022-07-22		

Finder/Submitter Information

Submitter:	Finder:
New Gold Rainy River Mine	
1361 Roen Road	
Chapple, Ontario, P0W 1A0	
Phone: (807) 271-3190	
Email Address: nathan.baird@newgold.com	

Information Provided For Event

Pelicans are often seen in and around clean water ponds at Rainy River mine, estimated population 20-30 birds in smaller flocks throughout the site. 2 were found dead on different water bodies on site, this one was found on the shore of a sediment pond where Pelicans are a often seen roosting. One other carcass was found on the dam of a different water body but had been scavenged beyond use for testing. the third bird was found appeared to be sick and stuck on a tailings beach, it did not react to hazing methods. This bird was dispatched by firearm as tailings are unsafe to walk on.

Diagnosis and Interpretation

Final Diagnosis

1. SUSPECT HIGHLY PATHOGENIC (H5N1) AVIAN INFLUENZA

Interpretation

As this pelican was found dead and it had a positive test result for influenza virus, it is suspected that an infection with the highly pathogenic strain (H5N1) of avian influenza is responsible for the sudden death of this bird. As we have received many pelicans with similar clinical signs and test results, we will not be performing a post-mortem examination of this bird. If we receive results on the specific strain of the virus from the CFIA then an addendum will be added to this report with those results.

Although risk of transmission to humans is considered to be low, anyone who was in contact with this bird prior to its death should monitor for symptoms of avian influenza.

Additional information about this disease in people can be found on the Ontario Ministry of Health and Long-Term Care website.

General information: <https://www.health.gov.on.ca/en/pro/programs/emb/avian/default.aspx>

FAQ (including clinical symptoms to monitor for): <https://www.health.gov.on.ca/en/pro/programs/emb/avian/faq.aspx>

Additional resources: <https://www.health.gov.on.ca/en/pro/programs/emb/avian/links.aspx>

Laboratory Results

PCR

Oropharyngeal and cloacal swabs were **POSITIVE** for Influenza A virus by RT-PCR-Cycle threshold 32.87

Influenza A, H5 PCR

Result—**POSITIVE 30.46**

Influenza A, H7 PCR

Result—Negative

Cycle threshold (Ct) is the cycle number when signal increases above the background. Ct is inversely related to target concentration - lower Ct indicates higher concentration of target nucleic acids in the sample.
Ct 35.99 or less = POSITIVE
Ct 36.00 or higher = Inconclusive
Ct Not detected = Negative (the target was either not present or was below the detection limit).

Avian Influenza Virus

Test result: Positive

Pathologists Brian Stevens DVM, DVSc, DACVP.

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Appendix I. Summary of mortality events at New Gold Rainy River Mine, 2022.

Species	Number	Behaviour	Location_Description	Date	Comments	UTM_X	UTM_Y
Rabbit	1	dead	east access road	24-Mar-22	hit by truck	431660	5411705
Rabbit	1	dead	korpi rd	24-Mar-22	hit by truck	431665	5411702
Deer	1	dead	plant site entrance	25-May-22	blood stain on road seen an eagle with leg parts	426381	5411534
Turtle	1	dead	near fire suppression tank	01-Jun-22		426367	5410894
Other	1	dead	Warehouse offices	27-Jun-22	Bittern	426816	5411017
Deer	1	stuck in tailing	TMA, north east near ring road	08-Jul-22	dispatched	424022	5412856
Pelican	1	stuck in tailings	"west dam 4"	10-Jul-22	Dispatched	420899	5412604
Pelican	1	dead and eaten	MRP dam	11-Jul-22	found dead	426646	5408681
Pelican	1	dead	sed pond 1	11-Jul-22	sent for testing for H5N1 and found positive	423952	5411001
Pelican	1	dead	clark creek dam	28-Jul-22		429602	5409978
Snake	4	Dead	Roen road between Marr and mine entrance	19-Sep-22	Road mortality	424892	5411772
Deer	1	dead	pipeline corridor	06-Oct-22	must have been hit by haul truck got off road and died	421831	5411547
Deer	1	dead	main site entrance	17-Oct-22	hit by security	426359	5411311
Deer	1	dead	Blue dump entrance	24-Nov-22	hit by truck	424185	5410273

Appendix J. Summary of Species at Risk training provided at New Gold Rainy River Mine, 2022.

Last Name	First Name	Company	Date
Faber	Daniel	PSL	2021-01-04
Mantyla	Thomas	PSL	2021-01-04
Hadley	Derek	Voltage Power	2021-01-04
Lamontagne	Jesse	PSL	2021-01-04
Kowalchuk	Brayden	Voltage Power	2021-01-04
Hensrud	Lyndon	Monciref Construction limited	2021-01-08
Paypompee	Shane	PJS	2022-01-03
Poirier	Hugo	Sandvik	2022-01-04
Favel	Rorey	Monciref Construction limited	2022-01-05
Fennell	Ian	CYR Drilling	2022-01-06
Drader	Tyrrell	CYR Drilling	2022-01-06
Allen-Baxter	Kelton	CYR Drilling	2022-01-06
Martin	Denis	Cementation	2022-01-14
Dillman	Christopher	PSL	2022-01-15
Martel	Serge	Steeltec	2022-01-16
Strom	Trevor	Revolution Mechanical	2022-01-17
Beaucage	Barry	EKT 90	2022-01-17
De Bruyn	Jacob	Workforce	2022-01-17
Francis	Christopher	Workforce	2022-01-17
Lafontaine-Cook	Andy	The Bucket Shop	2022-01-17
Hallok	Michael	The Bucket Shop	2022-01-17
Monkman	William	Kal Tire	2022-01-17
Fisher	Fraser	Cementation	2022-01-18
Gordon	Dylan	EKT 90	2022-01-18
Smith	Clint	EKT 90	2022-01-18
Harvey	Aidan	EKT 90	2022-01-18
Gustafson	Derrick	Tramin	2022-01-19
Dunbar	Christopher	Synterra	2022-01-19
McGinnis	Kris	Cascadia Scientific	2022-01-20
Johnson	Tyler	Cascadia Scientific	2022-01-20
Moore	Eric	CYR Drilling	2022-01-20
Nadeem	Taha	New Gold	2022-01-21
McKinnon	Craig	Tom Jones Corp	2022-01-24
Campbell	Calin	Tom Jones Corp	2022-01-24

Last Name	First Name	Company	Date
Bliss	James	Tom Jones Corp	2022-01-24
Stevens	Joshua	Wilsons Busines Solutions	2022-01-24
Poitras	Chad	Cementation	2022-01-25
Dugo	Ronald	PVS	2022-01-25
Poirier	Hugo	Sandvik	2022-01-25
O'Leary	Nicholas	Cummins	2022-01-26
Fowler	Mathew	McKenzie Diesel/Cummins	2022-01-26
Boychuck	Derrick	Cementation	2022-01-27
Beck	Matthew	Tom Jones Corp	2022-01-27
Shi	Hans	PSL	2022-01-27
Irving	Colin	Howden	2022-01-28
Tomblin	Randy	PVS	2022-01-28
Keeler	Brady	Superior Propane	2022-01-30
Guenot	Tom	Paul's Hauling	2022-01-30
Borger	Rylan	Norlund Oil	2022-01-31
Desforges	Michael	Asselin Transportation	2022-02-01
Urban	Arno	Paul's Hauling	2022-02-01
Mckenzie	Jonas	Cementation	2022-02-02
Kraiken	Brenden	Toromont Cat	2022-02-02
Doucette	Craig	Toromont Cat	2022-02-02
Smith	Gary	Tramin	2022-02-02
Dykstra	Jeremy	Boart Longyear	2022-02-02
Savard	Jamie	Boart Longyear	2022-02-02
Rushton	Christopher	Toromont Cat	2022-02-02
Fast	Blair	Toromont Cat	2022-02-02
Stacey	Shane	SMS Equipment	2022-02-03
portelance	Justin	Boart Longyear	2022-02-03
Kluba	Tyler	Boart Longyear	2022-02-03
Cooper	Justin	SMS Equipment	2022-02-03
Edison	Jason	Boart Longyear	2022-02-03
Scott	Peter	Superior Propane	2022-02-04
Lacasse	Simon	Quadra	2022-02-07
Warren	Sean	Boart Longyear	2022-02-07
Castelo	Arthur	Comairco	2022-02-07
Maclean	Lindsay	CRY Drilling	2022-02-07
Pennell	Conner	Tramin	2022-02-08

Last Name	First Name	Company	Date
Barnett	Jordan	Bain and Company	2022-02-08
Fleming	Sean	Bain and Company	2022-02-08
Dunn	Joshua	Bain and Company	2022-02-08
Cutts	Christian	Bain and Company	2022-02-08
Kolunovsky	Jacob	Bain and Company	2022-02-08
Notley	Evan	Bain and Company	2022-02-08
Choma	Jason	Cummins	2022-02-08
Stromberg	Rory	Tramin	2022-02-08
Lemieux	Omega	Tramin	2022-02-08
Keski-Pukkila	Matti	Tramin	2022-02-08
Simms	Albert	Cementation	2022-02-09
Kolomi	Ethan	CYR	2022-02-09
Ferron	Remi	Cementation	2022-02-10
Belanger	Matthew	Tramin	2022-02-11
Hennessy	Marc	SMS Equipment	2022-02-12
Brassard	Brady	SMS Equipment	2022-02-12
Patterson	Edward	Paul's Hauling	2022-02-12
Murphy	Chris	Badger Daylighting	2022-02-14
Haddad	Spencer	Sandvik	2022-02-15
Nipkau	Simon	FTE Drilling	2022-02-15
Garraway	Marcus	CMM	2022-02-16
Mazerolle	Keigan	Bourt Longyear	2022-02-16
Theriault	Patrick	Bourt Longyear	2022-02-16
Williams	Jack	Cementation	2022-02-16
Gartzke	Jaxon	New Gold	2022-02-16
L'Ecuyer	Paul	Cementation	2022-02-16
Boychuk	Anthony	Cementation	2022-02-16
Albert	Roland	Bourt Longyear	2022-02-16
Snyder	Colby	Cementation	2022-02-16
Steinkey	Trevor	SMS Equipment	2022-02-17
Buchanan	Nathan	CYR Drilling International	2022-02-17
MacDonnell	Audie	Cementation	2022-02-17
Manning	Taylor	SMS Equipment	2022-02-17
Iutzi	Brittany	Haztech	2022-02-18
Dawes	Larry	Howden USA	2022-02-20
Jennings	Jesse	North Point Technical	2022-02-21

Last Name	First Name	Company	Date
Desjardins	Cameron	North Point Technical	2022-02-21
Haywood	Ethan	Revolution Belting	2022-02-21
Kusik	Alexander	Revolution Belting	2022-02-21
Sgambelluri	Jeremy	Revolution Belting	2022-02-21
Armstrong	Sheldon	EKT 90	2022-02-22
Medicin	Isaiah	Cementation	2022-02-22
Chios	Michael	Bain and Company	2022-02-22
Murphy	Chris	Badger Daylighting	2022-02-22
Grand	Kyle	Badger Daylighting	2022-02-22
Vivier	Charles	Badger Daylighting	2022-02-22
Tomchak	Dustin	Badger Daylighting	2022-02-22
Andy	Dakota	Cementation	2022-02-22
Staver	Erik	Cummins	2022-02-22
Gelinas	Ken	X Tec Mining	2022-02-22
Mask	Bryden	X Tec Mining	2022-02-22
Mask	Derek	X Tec Mining	2022-02-22
Copenace	Krystle	PJS	2022-02-22
De Bruyn	Jacob	Workforce	2022-02-22
Mauger	Geoff	Workforce	2022-02-22
Wasylenchuk	Greg	Badger Daylighting	2022-02-22
Hanischuk	John	Badger Daylighting	2022-02-22
Curtain	Evan	Badger Daylighting	2022-02-22
Le Clair	Peter	Badger Daylighting	2022-02-22
Kouacs	Brendon	Badger Daylighting	2022-02-22
Askew	Nathan	Superior Welding	2022-02-23
Plas	Mike	Superior Welding	2022-02-23
Fox	Alex	Skyway	2022-02-23
Elyk	Chris	EKT 90	2022-02-23
Henderson	Caleb	CMM	2022-02-23
Biedermann	Mike	Superior Welding	2022-02-23
Homer	Nathan	X-Tec Mining	2022-02-23
Montgomery	Rob	X-Tec Mining	2022-02-23
Plummer	Morgan	Skyway	2022-02-23
Plahuta	Sean	X-Tec Mining	2022-02-23
Coultis	Shaun	Superior Welding	2022-02-23
Ziegler	Ricky	Superior Welding	2022-02-23

Last Name	First Name	Company	Date
Foreman	Mark	Superior Welding	2022-02-23
Milford	Cody	Superior Welding	2022-02-23
Simons	Tyler	Superior Welding	2022-02-23
McBain	Matt	Superior Welding	2022-02-23
Faykes	Brennen	EKT 90	2022-02-23
Jean	Daniel	EKT 90	2022-02-23
Whyte	Jessica	Malenfant	2022-02-23
Chevrier	Patrick	Superior Welding	2022-02-23
Dagg	Jason	CMM	2022-02-23
Pelaccia	Chris	CMM	2022-02-23
Belle	Orwen	CMM	2022-02-23
Lehmberg	Reed	Norwest Pest Control	2022-02-23
Gwilt	Bryden	Uni-Jet	2022-02-23
Bellerose	Quentin	Uni-Jet	2022-02-23
Richardson	Gregory	Uni-Jet	2022-02-23
Allen	Jason	MCL	2022-02-23
Elamad	Jeffery	FTE Drilling	2022-02-24
Melanson	Nicholas (Nick)	PSL	2022-02-25
Burkholder	Kevin	Russell Mineral Equipment	2022-03-01
Brown	David	Kova Engineering	2022-03-01
Albert	Jocelyn	CYR Drilling	2022-03-01
Rosvold	Steven	Betteridge	2022-03-01
Jeffrey	Luke	Betteridge	2022-03-01
Hall	Troy	Betteridge	2022-03-01
Guillemin	Joshua	Betteridge	2022-03-01
Napo,eone	Matthew	Betteridge	2022-03-01
Dickey	Kalen	Betteridge	2022-03-01
Johnson	Jacob	Betteridge	2022-03-01
Magas	Cordell	Betteridge	2022-03-01
Gates	Kade	Betteridge	2022-03-01
Watier	Ryan	Betteridge	2022-03-01
Amendt	Cody	Betteridge	2022-03-01
Berggren	Dawven	Betteridge	2022-03-01
Simpson	Jeremy	Betteridge	2022-03-01
Amendt	Scott	Betteridge	2022-03-01
Amendt	Lilam	Betteridge	2022-03-01

Last Name	First Name	Company	Date
Libby	bryce	Betteridge	2022-03-01
Mochache	Enock	Sandvik	2022-03-02
Butchart	Nathan	Synterra	2022-03-02
Eccles	Wayde	Badger Daylighting	2022-03-02
Strom	Trevor	Revolution Belting	2022-03-02
SadSad	Reggie	Revolution Belting	2022-03-02
Ward	Steven	Boart Longyear	2022-03-02
Barli	Linda	FC Mill Liners Inc.	2022-03-03
Bernier	Marc-Andre	FTE Drilling	2022-03-03
Beevor	Christopher	Uni-Jet	2022-03-04
Boddy	Robert	Uni-Jet	2022-03-04
Mann	Herman	Uni-Jet	2022-03-04
Allan	Jordan	New Gold	2022-03-08
Riding	David	New Gold	3033-03-08
Wilson	Chris	Automation Now	2022-03-09
Jerry	Anthony	Superior Propane	2022-03-10
Heney	Patrick	Focus NDT	2022-03-10
McCauley	Adam	Focus NDT	2022-03-10
Eatmon	Virgil	Paul's Hauling	2022-03-12
Docken	Bryce	Northdale Oil	2022-03-14
Smith	Danielle	New Gold	2022-03-15
Nussbaumer	Jon	New Gold	2022-03-15
Furlaetto	Andre	Toromont Cat	2022-03-15
Simms	Fred	Cementation	2022-03-16
Becker	Kasey ann	PJS	2022-03-16
Bingham	Alex	Workforce	2022-03-16
Granger	Justin	Dyno Nobel	2022-03-19
Wilson	Drake	Dyno Nobel	2022-03-19
Sedesky	Jason	Cementation	2022-03-21
Koene	Christian	Levitt Saftey	2022-03-21
	Richard nicolas	Kal tire	2022-03-21
McCleary	William	New Gold	2022-03-21
Moisan	Guy	New Gold	2022-03-21
Sajeevan	Sandeep	PSJ	2022-03-21
Perrault	Andrew	New Gold	
Trudeau	Claude	Cementation	2022-03-22

Last Name	First Name	Company	Date
connor	Booth	Toromont Cat	2022-03-22
Rogers	Beau	Cummins	2022-03-22
Nickerson	Clayton	Cementation	2022-03-23
Rahn	Oliver	Cementation	2022-03-23
Higgins	Kenneth	Millennium Mechanical	2022-03-25
Duncan	Robert	Millenium Mechanical	2022-03-25
Morin	Justin	Cementation	2022-03-25
Bassham	Mike	Cementation	2022-03-29
Neill	Derrick	Cementation	2022-03-29
Zuccato	Kat	Synterra Security Solutions	2022-03-29
Koutecky	Ron	Cementation	2022-03-30
kleemon	Vincent	MCL	2022-03-30
Teeple	Logan	Dyno Nobel	2022-03-30
Howell	Walter	cementation	2022-03-31
Craig	Shelby	Workforce	2022-04-03
Rodrigue	Justin	Workforce	2022-04-03
Perry	Mitchell	EKT 90	2022-04-03
Gojsic	Anthony	EKT 90	2022-04-03
Smith	David	Millenium Mechanical	2022-04-03
Ashbourne	Christopher	Millenium Mechanical	2022-04-03
Loewen	Jarred	Millenium Mechanical	2022-04-03
Frost	Frank	Millenium Mechanical	2022-04-03
Chomiak	Tomas	Millenium Mechanical	2022-04-03
Karperski	Coyle	Millenium Mechanical	2022-04-03
Patel	M'Tesh	Millenium Mechanical	2022-04-03
Barli	Linda	FC Mill Liners Inc.	2022-04-05
Jaedin	Wright	Badger Daylighting	2022-04-05
Sheppard	Joshua	Badger Daylighting	2022-04-05
Blackwood	dwayne	Cummins	2022-04-05
Shurek	Mark	Badger Daylighting	2022-04-05
Williams	Scott	Tramin	2022-04-05
Gretshman	Walter	EKT 90	2022-04-05
Medecine	Kurtis	New Gold	2022-04-05
Wemsley	Richard	Tramin	2022-04-05
Ridge	Zach	Tramin	2022-04-05
Muir	David	EKT 90	2022-04-05

Last Name	First Name	Company	Date
Gerow	Pat	EKT 90	2022-04-05
Beaucace	John Chris	EKT 90	2022-04-05
Dongola	Aaron	Kaltech	2022-04-05
mauger	geoff	Work force	2022-04-05
Fawcett	Storm	Workforce	2022-04-05
Devuono	Nick	kaltech	2022-04-05
Belanger	Spencer	Kaltech	2022-04-05
Dewaal	Jarrood	kaltech	2022-04-05
Toebes	Cole	kaltech	2022-04-05
Herisson	james	kaltech	2022-04-05
Devlin	Curtis	Kaltech	2022-04-05
Cimon	Joel	Kaltech	2022-04-05
Tucker	Gilbert	Derden (Tom veert)	2022-04-05
Reschke	Jason	Kaltech	2022-04-05
Obirek	Jacob	Kaltech	2022-04-05
White	Pharaoh	Kaltech	2022-04-06
Lisowick	Clayton	Uni Jet	2022-04-06
Lukie	Danni	Uni Jet	2022-04-06
Clemmensen	Zak	Uni Jet	2022-04-06
Pinto	Mauricio	Cementation	2022-04-08
Franko	Kevin	Cementation	2022-04-11
Hubbard	David	Sandvik	2022-04-18
Howells	Karl	Derden (Tom veert)	2022-04-19
Black	Peter	Cummins	2022-04-19
Benjamin	Justin	John Gavel	2022-04-20
Kellar	Phil	FLO Compnents	2022-04-20
Foy	Christopher	Tramin	2022-04-23
Leon	Marcelle	Russell Mineral Equipment	2022-04-23
Schmidt	Christopher	Cementation	2022-04-24
Simms	Gord	New Gold	2022-04-25
Rodrigue	Justin	Workforce	2022-04-25
Yerxa-Mosher	Terrell	Cementation	2022-04-26
Ridge	Zach	Cementation	2022-04-26
Mattson	Cole	Cementation	2022-04-26
Thomson	Riley	Cementation	2022-04-26
Craig	Shelby	Mellennium Mechanical	2022-04-26

Last Name	First Name	Company	Date
Greenwood	Barry	Ledcor	2022-04-26
Bishop	Nicholas (Nick)	Ledcor	2022-04-26
Brillant	Stephane	FNIS Ledcor	2022-04-26
Feltham	Ryan	FNIS Ledcor	2022-04-26
Chantigny	David	FNIS Ledcor	2022-04-26
Biedestadt	Fred	Ledcor	2022-04-26
Wilson	Jason	Ledcor	2022-04-26
Gosjic	Anthony	EKT 90	2022-04-26
Frost	Frank	Millennium Mechanical	2022-04-26
Smith	David	Millennium Mechanical	2022-04-26
Kacperski	Daniel	Millennium Mechanical	2022-04-26
Wightman	Josh	Kaltech	2022-04-26
Marshall	Lee	Kaltech	2022-04-26
Mason	Adam	Millenium Mechanical	2022-04-26
Hornby	Keenan	Kaltech	2022-04-26
Miller	Jed	Kaltech	2022-04-26
Fraser	Mark	Kaltech	2022-04-27
Komsa	Michael	Kaltech	2022-04-27
Cooke	Garth	Kaltech	2022-04-27
Yurick	Colton	EKT 90	2022-04-27
Saars	Brian	Work Force	2022-04-27
Zahn	Brittany	Work force	2022-04-27
Rye	Robert	Betteridge Enterprises Ltd	2022-04-27
Sutherland	Tyson	Betteridge Enterprises Ltd	2022-04-27
Amendt	Tristan	Betteridge Enterprises Ltd	2022-04-27
Klimchuk	Eldon	Betteridge Enterprises LTd	2022-04-27
Shine	Mike	Tramin	2022-04-27
Zelinsky	Nicholas (Nick)	Badger Daylighting	2022-04-27
Fortin	Jacob	CMM	2022-04-27
Dagg	Jason	CMM	2022-04-27
Vandrunen	Beau	New Gold	2022-04-27
Cormier	Daniel	New Gold	2022-04-27
Pennell	Connor	New Gold	2022-04-27
Tupper	Brandon	New Gold	2022-04-27
Redford	Morgan	New Gold	2022-04-27
Myshok	Nicholas (Nick)	GFL Enviromental	2022-04-27

Last Name	First Name	Company	Date
Ouellet	Justice	GFL Enviromental	2022-04-27
Thon	Tyler	Ledcor	2022-04-27
Campbell	Stewart	Ledcor	2022-04-27
Gibson	Cole	Toromont Cat	2022-04-27
Robichaud	Josh	MTS	2022-04-27
Pratt	Allen	Ledcor	2022-04-28
Keller	Philipp	FLO Compnents	2022-04-28
Long	Ryan	Ledcor	2022-04-29
Chomiak	Tomas	Millennium Mechanical	2022-04-29
Ashbourne	Chris	Millennium Mechanical	2022-04-29
Hideg	Devon	SMS Equipment	2022-04-29
Mersereau	Glenn	Ledcor	2022-05-02
Raich	Mark	Ledcor	2022-05-03
Sandoy	Ariel	Ledcor	2022-05-03
Nousiainen	Adam	Wajax	2022-05-03
Russell	Felix	Ledcor	2022-05-03
Penney	Shannon	Cementation	2022-05-04
Perrier	Stephane	CMM	2022-05-04
Meyer	Caitlin	Haztech	2022-05-04
Heide	Adam	Lewis Intruments	2022-05-04
McCoy	Sam	Ledcor	2022-05-05
Michaud	Marc	Synterra	2022-05-05
Fortier	Martin	Adey Brothers	2022-05-05
Brannan	Randy	Ledcor	2022-05-05
Black	Michael	Ledcor	2022-05-06
Smith	Wendel	Ledcor	2022-05-06
Darling	Richard	Ledcor	2022-05-06
Bolduc	Marco	Ledcor	2022-05-06
Caul	Allen	Ledcor	2022-05-06
Fisk	Dennis	Ledcor	2022-05-08
Cooper	Jaden	Veert	2022-05-09
Jackson	Gordon	Tulloch	2022-05-10
Silander	Ben	MCL	2022-05-10
Fischer	Brodie	Tulloch	2022-05-10
Peel	Dalton	Tulloch	2022-05-11
Klassen	Darren	SMS Equipment	2022-05-11

Last Name	First Name	Company	Date
Salad	Faud	Ledcor	2022-05-12
Cote	Terence	SMS Equipment	2022-05-12
Nadjiwan	Kelly	Ledcor	2022-05-12
Olvera-Guerrero	Maria	Synterra	2022-05-14
Mullner	Jaron	Tramin	2022-05-14
Moreau	Stephane	Maclean Engineering	2022-05-16
Chihonik	john	Lewis Industrial	2022-05-16
Bonici	Richard	BBA INC	2022-05-16
Eadie	Dylan	Toromont Cat	2022-05-17
McIntyre	Eric	Toromont Cat	2022-05-17
Turner	Stephen	Toromont Cat	2022-05-17
Ludlow	Michael	Toromont Cat	2022-05-17
Naumann	Keith	Tulloch	2022-05-17
Weir	Sonny	Ledcor	2022-05-18
Spenceley	Ashley	Ecometrix/Cerulean	2022-05-18
Stuhldreier	Tony	Cementation	2022-05-19
Foster	Matthiew	Inline Group Inc	2022-05-18
Mergani	Malaz	Ledcor	2022-05-19
Hay	David	Ledcor	2022-05-19
Dungey	Roger	Ledcor	2022-05-19
Rosdobutko	Steven	Ledcor	2022-05-19
Haggar	Issakha	Ledcor	2022-05-19
Smith	Benjamin	Sandvik	2022-05-19
Shihinski	Samantha	Ledcor	2022-05-19
Silander	Hades	Cementation	2022-05-20
Zeru	Yosief	Inline Group	2022-05-20
MacPherson	David	Inline Group	2022-05-20
Botana de la cruz	Anakaren	Maven Water & Environment	2022-05-20
Hirschfield	Randy	Ledcor	2022-05-20
Reid	Jason	Ledcor	2022-05-22
Joubert	Daniel	Ledcor	2022-05-23
Francis	Daniel	Okane Consultants	2022-05-23
Bielski	Paul	Tulloch	2022-05-24
Pollins	Christopher	Lakeside process controls	2022-05-24
Reil	Jarret	Synterra	2022-05-25
Balkwill	Ryan	Aquatech	2022-05-25

Last Name	First Name	Company	Date
Middleton	Tanner	Aquatech	2022-05-25
Wynn	Frederick	Ledcor	2022-05-25
Mosher	Quentin	Ledcor	2022-05-26
Fera	Deanna	Ledcor	2022-05-26
Reid	Rick	Sms Equipment	2022-05-26
Kostecki	john	Sms Equipment	2022-05-26
Pennimpede	Jonathan	New Gold	2022-05-27
Thompson	Jeremy	New Gold	2022-05-27
Paul	Awosokanre	New Gold	2022-05-27
Smith	Waylon	Asselin-GFL	2022-05-27
Lyons	Raymond	Ledcor	2022-05-27
Gross	Jeremy	Ledcor	2022-05-27
Mills	Patrick	Brandt Tractor	2022-05-30
Blythe	Jennifer	Maven Water & Environment	2022-05-31
Matheson	Althea	Maven Water & Environment	2022-05-31
Yutuc	Jordan	Maven Water & Environment	2022-05-31
Peeters	Corey	Cementation	2022-06-01
Holmes	Jasmine	New Gold	2022-06-01
`123	Belen Ambar	NewGold	2022-06-01
Bunting	Rocky	NewGold	2022-06-01
Satdeve	Pranay	Haztech	2022-06-01
Halstead	Mike	Ledcor	2022-06-01
Pilon	Tate	SMS Equipment	2022-06-02
Armstrong	Myron	Ledcor	2022-06-03
Smith	Braden	Ledcor	2022-06-03
Benett	Joe	Ledcor	2022-06-03
Wilson	Gordon	Ledcor	2022-06-03
Mesenegeeshik	Jaclyn	Ledcor	2022-06-03
Ballan	Joey	Ledcor	2022-06-04
Wait	Richard	Cementation	2022-06-06
Kwasnica	Ted	Dynamic Machine Corp	2022-06-06
Lamoureux	Marcel	Sandvik	2022-06-06
Schurko	Cody	Millenium Mechanical	2022-06-06
Craig	Shelby	Millenium Mechanical	2022-06-06
Frost	Frank	Millenium Mechanical	2022-06-06
Smith	David	Millenium Mechanical	2022-06-06

Last Name	First Name	Company	Date
Sopotiuck	Peter	Cementation	2022-06-07
Moncrief	Mitchell	MCL	2022-06-07
Ungar	Jason	MCL	2022-06-07
Busch	Jonathan	MCL	2022-06-07
Dubois	Zach	Kaltire	2022-06-08
Posaluko	David	Schaeffler	2022-06-08
Maryniuk	Ward	MCL	06/008/2022
Hourie	Lonny	Cementation	2022-06-08
Joiner	Owen	Tulloch	2022-06-08
Chantsom	David	FNIS	2022-06-09
Feltham	Ryan	FNIS	2022-06-09
Fletcher	Evan	Ledcor	2022-06-09
McDonald	Kyle	Ledcor	2022-06-09
VeZinn	Edward	Ledcor	2022-06-09
Lapointe	Ritchie	Ledcor	2022-06-09
McCleary-Bartel	Matthew	SMS Equipment	2022-06-09
Roen	Matthew	SMS Equipment	2022-06-09
Gordon	Stacey	Ledcor	2022-06-09
Pierrald	Matt	SMS Equipment	2022-06-09
Leech	Donald	Ledcor	2022-06-09
Jourdain	Terance	Ledcor	2022-06-11
Chan	Agnes	Inline Group Inc	2022-06-11
Bevans	Jeff	Kaltire	2022-06-11
Dryden	John	Cementation	2022-06-13
bayek	Josh	Toromont Cat	2022-06-14
Korchinski	Kade	Cementation	2022-06-14
Kuhl	Jeremy	Voltage Power	2022-06-14
Bruneau	Yves	Cementation	2022-06-15
Ouellette	Carter	Cementation	2022-06-15
Koch	Skyler	Lowerys	2022-06-15
Petkau	Julien	Dyno Nobel	2022-06-15
Wright	Ken	SMS Equipment	2022-06-15
May	Gavin	Cementation	2022-06-16
Tessier	Tyler	Ledcor	2022-06-16
Medovits	Dennis	Ledcor	2022-06-16
Gobeil	David	Ledcor	2022-06-16

Last Name	First Name	Company	Date
Hardy	Brigitte	Ledcor	2022-06-16
Rosolowski	Henry	Ledcor	2022-06-16
Ruttan	Rodney	Ledcor	2022-06-16
Labine	Gordon	Cool Heat	2022-06-18
Atkins	Jeff	Skyway Canada	2022-06-18
Rodrigue	Joel	Cool Heat	2022-06-18
Fayle	Tyler	Skyway Canada	2022-06-18
Manford	Mitchell	Tramin	2022-06-18
De Bruyn	Jacob	Workforce	2022-06-18
Saari	Brian	Workforce	2022-06-18
Hensrun	Kevin	Tramin	2022-06-19
Aprin	Luke	EKT 90	2022-06-19
Zahn	Brittany	Workforce	2022-06-19
Burke	Brady	Kaltech	2022-06-19
Byers	Tyler	Kaltech	2022-06-19
Nichol	Brandon	Kaltech	2022-06-19
Harrison	James	Kaltech	2022-06-19
Servais	Tim	EKT 90	2022-06-19
Arpin	Elliot	EKT 90	2022-06-19
Uusitalo	Ari	EKT 90	2022-06-19
Mathison	Dorsey	Betteridge Enterprises LTd	2022-06-19
Libby	Bryce	Betteridge Enterprises LTd	2022-06-19
Jeffrey	Luke	Betteridge Enterprises LTD	2022-06-19
Amendt	Cody	Betteridge Enterprises LTd	2022-06-19
Veitch	Janessa	Workforce	2022-06-19
Fleming	Cory	Workforce	2022-06-19
Rosvold	Steven	Betteridge Enterprises LTd	2022-06-20
Johnson	John	Betteridge Enterprises LTd	2022-06-20
Berggrer	Dawven	Betteridge Enterprises LTd	2022-06-20
Malenfant	Donald	Malenfant Technical Services	2022-06-20
Amendt	Reg	Betteridge Enterprises LTd	2022-06-20
Simpson	Jeremy	Betteridge Enterprises LTd	2022-06-20
Mazerolle	Reene	Moncrief Construction	2022-06-20
Mckinnon	Gerry	EKT 90	2022-06-20
Higgins	Michael	Millennium Mechanical	2022-06-20
Molnar	Derek	EKT 90	2022-06-20

Last Name	First Name	Company	Date
Malenfant	Gilles	MTS	2022-06-20
Hornby	Keenen	Kaltech	2022-06-19
Smith	Josh	EKT 90	2022-06-19
Thompson	Johnathan	CMM	2022-06-19
Rye	Robert	Betteridge Enterprises LTd	2022-06-19
Thomas	John	EKT 90	2022-06-19
Johnson	Liam	Kaltech	2022-06-19
Dick	Archibald	Kaltech	2022-06-19
Rasvold	Reagan	Betteridge Enterprises LTd	2022-06-19
Barnaba	Paul	Betteridge Enterprises LTd	2022-06-19
Hopkins	Jonathon	Kaltech	2022-06-19
Tait	Jamail	Betteridge Enterprises LTd	2022-06-19
Furesker	Brady	EKT 90	2022-06-19
Spencer	Alex	EKT 90	2022-06-19
Gates	Kade	Betteridge Enterprises LTd	2022-06-19
Meyer	Caitlin	Haztech	2022-06-19
Gray	Clint	New Gold	2022-06-19
Gilbert	Shane	Betteridge Enterprises LTd	2022-06-19
Williams	Scott	Tramin	2022-06-20
Westagte	Tim	Westgate Controls Engineering	2022-06-21
Klimchuk	Eldon	Betteridge Enterprises LTd	2022-06-20
Vlasveld	Caleb	Kaltech	2022-06-20
Maccoy	Wade	CMM	2022-06-20
Watier	Ryan	BEL	2022-06-20
Teodorovici	Aaron	Betteridge Enterprises LTd	2022-06-20
Amendt	Scott	Betteridge Enterprises LTd	2022-06-20
Morandin	Lino	CMM	2022-06-20
Fairhurst	Evan	EKT 90	2022-06-20
Everett	Tylor	MCL	2022-06-22
Wowchuk	William	MCL	2022-06-22
Guitard	Chad	MCL	2022-06-22
Singh	Palwinder	Synterra	2022-06-22
St. Hilaire	Ray	MCL	2022-06-22
Pollard	Ricky	Veert	2022-06-22
Moyer	Justin	Toromont Cat	2022-06-22
Nowlin	Josh	Cementation	2022-06-22

Last Name	First Name	Company	Date
Bonear	Daniel	TBT Engineering	2022-06-23
Wall	Brad	TBT Engineering	2022-06-23
Goodman	Jason	Ledcor	2022-06-23
Mombourquette	Darin	Ledcor	2022-06-23
Franko	Candi	Cementation	2022-06-23
Hynnes	Waylon	Tramin	2022-06-23
EmgelKing	Michael	SMS Equipment	2022-06-24
Watier	Ryan	Betteridge Enterprises LTd	2022-06-24
Bonneteau	Tyrel	Dyno Nobel	2022-06-25
Robitaille	Corey	Cool Heat	2022-06-26
Johnston	James	Toromont Cat	2022-06-26
Buettner	Daniel	Cementation	2022-06-29
Combdon	Carter	Ledcor	2022-06-30
Hickman	Dean	Tramin	2022-07-04
Arugay	Reginald	ACME	2022-07-04
Dorval	Nicole	EKT 90	2022-07-05
Castle	Adam	EKT 90	2022-07-05
Martel	Cedric	FTE	2022-07-05
Denault	Eliot	FTE	2022-07-05
Longchamps	Cedric	FTE	2022-07-05
Gonin	Micheal	FTE	2022-07-05
Lacroix-Cote	Gael	FTE	2022-07-05
Lapointe	Issak	FTE	2022-07-05
Mohninger	Megan	Haztech	2022-07-05
Carty	Damion	Paul's Hauling	2022-07-05
Abrahamson	Tyler	Cementation	2022-07-06
Cain	Tracy	New Gold	2022-07-06
Myslicki	Justin	Synterra Security Solutions	2022-07-06
Macdonald	Neil	Synterra Security Solutions	2022-07-06
Haglin	Elmer	JTJ Contracting Ltd.	2022-07-06
Pattison	Gordon	JTJ Contracting Ltd.	2022-07-06
Baggao	Glenn	Inline Group Inc.	2022-07-06
Boudreau-Yrjana	Kalina	Skyway Canada	2022-07-06
Garrow	Allan	Skyway Canada	2022-07-06
Pettis	Norman	Veert	2022-07-07
Brown	Kelly	Veert	2022-07-07

Last Name	First Name	Company	Date
Levesque	Thomas	Veert	2022-07-07
Kulak	Wyatt	SMS Equipment	2022-07-07
Krause	Jaxon	SMS Equipment	2022-07-07
MacDougall	Jordon	Staal Irrigation	2022-07-07
Dohan	Nicholas	Staal Irrigation	2022-07-07
Karila	Chris	Staal Irrigation	2022-07-07
Welsh	Kyle	Staal Irrigation	2022-07-07
Johnson	Eli	PJS	2022-07-07
Mulholland	Evan	Skyway Canada	2022-07-07
Anderson	Robert	Ledcor	2022-07-08
Oliver	Andrew	Ledcor	2022-07-08
Crowley	Jaden	Ledcor	2022-07-08
Mckenna	Seamus	Tom Veert	2022-07-08
Selin	Barrie	New Gold	2022-07-08
Watson	Jeffrey	New Gold	2022-07-08
Dajao	Monica	Haztech	2022-07-10
O'Dette	Robbie	Skyway Canada	2022-07-10
Pretoniers	Preter	Ensero Solutions	2022-07-11
Christopher	Reid	Ensero Solutions	2022-07-11
Johnson	Christine	Ensero Solutions	2022-07-11
Chaboyer	Henry	Cementation	2022-07-13
Kowalczyk	Daniel	Forage FTE	2022-07-13
MarcAndre	Bernier	FTE	2022-07-13
Wolstencroft	Thomas	Levitt Safety	2022-07-13
Woitowicz	Alexander	FTE Drilling	2022-07-13
Loxton	Ian	Ledcor	2022-07-14
Barnes	Samantha	SRK Consulting Canada Inc	2022-07-14
Mason	Philip	Ledcor	2022-07-15
German	Kyle	Ledcor	2022-07-15
Dabiri	Michael	SRK Consulting Canada Inc	2022-07-15
Maendel	Clifford	Ledcor	2022-07-15
Carey	Wayne	Cementation	2022-07-16
Allan	Victor	Ledcor	2022-07-18
Brown	Paul	Ledcor	2022-07-18
LeBrun	Leonard	Badger Daylighting	2022-07-18
Carey	Wayne	Cementation	2022-07-19

Last Name	First Name	Company	Date
Farkas	Caroline	Ecometrix	2022-07-19
Palmer	Alicia	Ecometrix	2022-07-19
Kakeeway	Cayne	Ecometrix	2022-07-19
Kakeeway	Connor	Ecometrix	2022-07-19
Kelly	Dion	Ecometrix	2022-07-19
Riaboshapkin	Igor	Lakeside process controls	2022-07-20
Riches	Corbin	Veert	2022-07-20
Rudakov	Andrey	InLine Group	2022-07-21
Frank	Horvath	Moncrief Construction	2022-07-21
Wright	Christoper	Ledcor	2022-07-21
Cashaback	Neil	Ledcor	2022-07-21
Johnson	Ashton	Ledcor	2022-07-21
Hay	Blair	Ledcor	2022-07-21
gulbrandsen	Carl	Ledcor	2022-07-21
Rideout	Nathan	SMS Equipment	2022-07-21
Morgan	Myles	SMS Equipment	2022-07-21
Langden	Eric	SMS Equipment	2022-07-21
Rodrigue	Joel	Cool Heat	2022-07-22
Labine	Gordon	Cool Heat	2022-07-22
Merasty	Gary	Cementation	2022-07-23
St Jaques	Samuel sampson	cementation	2022-07-27
Strangway	Jody	Synterra	2022-07-28
Bailey	Steven	Ledcor	2022-07-28
Therrien	Ivan	Ledcor	2022-07-28
Wice	Jamie	GFL	2022-07-29
Kinley	Wade	SMS Equipment	2022-07-29
Leblanc	Alexandra	FTE Drilling	2022-07-29
Jack	Chris	Cementation	2022-07-30
Inkster	Dale	Ledcor	2022-07-30
Wahlroth	Joseph Grey	Ensero Solutions	2022-07-30
Abrahamson	Paul	Cementation	2022-08-01
Willoughby	Corey	Cementation	2022-08-02
Lemmek	Todd	Badger Daylighting	2022-08-02
Zinke	Cavan	Cementation	2022-08-03
Edwards	Steve	Synterra Security Solutions	2022-08-03
Dave	Ballantylg	Maestro Dialtac Mine	2022-08-03

Last Name	First Name	Company	Date
Huckell	Jamie	Cementation	2022-08-04
MacNeil	Chad	Cementation	2022-08-04
Chalat	Branden	Ledcor	2022-08-04
Graham	Micheal	Ledcor	2022-08-04
Allen	Cory	Ledcor	2022-08-04
Mercred	Ethan	Ledcor	2022-08-04
Perausse	Robert	Ledcor	2022-08-04
Paypompee-Nash	Amanda	Paagitoon	2022-08-04
Fulcher	Mark	Andeon Drilling	2022-08-04
Bennani	Mohamed	FTE Drilling	2022-08-04
Keith	Jason	SMS Equipment	2022-08-04
Smith	Justin	Andean Drilling	2022-08-04
Riopel	Yvan	Andean Drilling	2022-08-04
Grymol	Teagan	Tramin	2022-08-05
Crawford	Jason	Ledcor	2022-08-05
Webicki	Reily	Ledcor	2022-08-05
Jesse	Esselink	Stratton Equipment	2022-08-05
Morandin	Lino	CMM	2022-08-06
Jefkins	Brian	Parker Canada	2022-01-25
Shi	Hans	PSL	2022-01-27
Baryluk	Adam	Belterra	2022-02-16
Byers	Mike	Cementation	2022-03-10
McMillan	Michael	Cementation	2022-03-21
Lossing	Jay	Sandvik	2022-03-30
Barnes	Clayton	Sandvik	2022-03-30
Schram	Jason	SMS	2022-04-15
Alexis	David	SMS	2022-04-15
Napoleone	Matthew	Betteridge Enterprises LTd	2022-04-26
Johnson	John	Betteridge Enterprises LTd	2022-04-26
Watier	Ryan	Betteridge Enterprises LTd	2022-04-26
Numsen	Samuel	New Gold	2022-05-02
Boese	Calvin	SRK Consulting Canada Inc	2022-05-02
Boese	Colin	SRK Consulting Canada Inc	2022-05-02
Judson	Maverick	MJ Interactive	2022-05-02
Chmielak	Aiden	PSL	2022-05-15
Spenceley	Lindsay	Ecometrix In	2022-05-18

Last Name	First Name	Company	Date
Shihinski	Samantha	Ledcor	2022-05-19
Burns	Rick	Six Sigma Canada Inc.	2022-05-30
RoeBuck	Clifford	Six Sigma Canada Inc.	2022-06-06
Forbes	Trevor	EKT 90	2022-06-19
Comegan	Nada	Cementation	2022-07-16
Strangway	Jody	Synterra	2022-07-27
Mabee	David	Revolution Belting	2022-08-07
Helpin	Gordon	Revolution Belting	2022-08-07
Hooey	Mitchell	Superior Welding	2022-08-07
Munns	Nathan	SWC	2022-08-07
Castle	Adam	EKT90	2022-08-07
Duchesne	Austin	Superior Welding	2022-08-07
Simons	Ian	Superior Welding	2022-08-07
Barber	Ethan	Superior Welding	2022-08-07
McKinnon	Daniel	Superior Welding	2022-08-07
Simons	Tyler	Superior Welding	2022-08-07
Mersercou	Brandon	SWC	2022-08-07
Plante	Chris	CMM	2022-08-07
Saari	Brian	Workforce	2022-08-07
Whatley	Paul	Automation Now	2022-08-08
Grattan	Cori	Revolution Belting	2022-08-08
Hagberg	Michael	Gary Wenzel	2022-08-08
Copenace	Keenan	New Gold	2022-08-08
Sharp	Chelsey	New Gold	2022-08-08
Hadden	Chris	Revolution Mechanical	2022-08-08
Stroun	Trevor	Revolution Mechanical	2022-08-08
Dorval	Alexandre	G Mining Services	2022-08-09
Smith	Kevin	EKT 90	2022-08-09
Werbicki	Riley	Ledcor	2022-08-10
Arellano	Ryan	Haztech	2022-08-10
Stohnii	Vitalii	Tulloch	2022-08-10
Eyolfson	Tyler	New Gold	2022-08-10
Ottoson	Hunter	New Gold	2022-08-10
Bonot	Richard	New Gold	2022-08-10
Arch-Kelly	Jeremy	New Gold	2022-08-10
Hayes	Tracey	New Gold	2022-08-10

Last Name	First Name	Company	Date
Stringer	David	New Gold	2022-08-10
Gilbet	Chris	Cememtation	2022-08-11
Eason	Kirk	Cummins	2022-08-11
Spoljarich	Chris	Ledcor	2022-08-11
Blake	Amanda	Ledcor	2022-08-11
Brisebois	Maurice	Ledcor	2022-08-11
Buxton	Brad	Ledcor	2022-08-11
Desjardins	Timothy	Dyno Nobel	2022-08-12
Sass	Trevor	Cementation	2022-08-13
Morken	George	Toromont Cat	2022-08-14
Keye	Brendon	Cummins	2022-08-15
Witwicki	Andrew	Cummins	2022-08-15
Tuchiwsky	Tara	Okane Consultants	2022-08-15
Cooper	Hal	Okane Consultants	2022-08-15
Harrison	Andrew	Lakeside Controls	2022-08-17
Feng	Nina	SRK Consulting Canada Inc	2022-08-17
Siczkar	David	Equipment World	2022-08-18
Newman	Paul	Ledcor	2022-08-19
Keller	Philipp	FLO Components	2022-08-19
Wollman	Elvis	FTE Drilling	2022-08-19
Franko	Candi	Cemmentation	2022-08-21
Stevens-Nobis	Tirell	Focus NDT	2022-08-22
Heney	Patrick	Focus NDT	2022-08-22
Miranda	Tyrone	Maven	2022-08-22
Parsons	Cole	Power Systems	2022-08-22
Morrison	Cooper	Tom Veert	2022-08-22
Walker	Corey	John Gavel	2022-08-22
Gergatz	Kevin	Badger Daylighting	2022-08-22
Gwilt	Byden	Badger Daylighting	2022-08-22
Witwicki	Andrew	Cummins	2022-08-22
Baker	Chris	MCL	2022-08-22
Leonard	Randy	MCL	2022-08-22
Hallett	Desmond	MCL	2022-08-22
Perchuk	Robert	MCL	2022-08-23
MacRae	Drew	Fluid Life	2022-08-23
Johnson	Tyler	Cascadia Scientific	2022-08-23

Last Name	First Name	Company	Date
Loveday	Larry	Tom Veert	2022-08-23
Meagher	Gary	Cementation	2022-08-24
Lessard	Nick	Cementation	2022-08-24
Lees	Conner	Cementation	2022-08-24
Jones	Jesse	Toromont Cat	2022-08-24
Grimwood	Bryan	Toromont Cat	2022-08-24
Connell	Llyod	Ledcor	2022-08-25
Monkman	Ryan	MCL	2022-08-26
Butler	James (Jim)	MCL	2022-08-26
Kelly	Dion	Ecometrix	2022-08-30
Dempster	Colin	Ecometrix	2022-08-30
Wigle	Travis	RCT	2022-08-30
Pearce	Kevin	Revolution Belting	2022-08-30
Lavers	Joshua	John Gavel	2022-08-30
Hansen	Anthony	Cementation	2022-08-31
Clifford	Andrew	Cementation	2022-09-01
McPhee	Stuart	SRK Consulting Canada Inc	2022-09-01
Bereau-Lapoint	Julien	FTE Drilling	2022-09-06
Dovliet	Tristin	FTE Drilling	2022-09-06
Brown	Robert	Workforce	2022-09-07
Therriault	Jade	Superior Welding	2022-09-08
Melander	Zach	Superior Welding	2022-09-08
Robb	Steve	Superior Welding	2022-09-08
Noseworthy	Sean	Ledcor	2022-09-08
Anderson	David	Ledcor	2022-09-08
Yerxa	Vernon	Ledcor	2022-09-08
Brisson	Daniel	Andean Drilling	2022-09-08
Hjalmarsson	Justin	Moncrief Construction	2022-09-09
Thaxter	Wayne	Cementation	2022-09-09
Lands	Dakota	Cementation	2022-09-13
Wilson	Joel	Cementation	2022-09-13
Allan	Tracy	Cementation	2022-09-13
Binguis	Brendan	Cementation	2022-09-14
Wilson	Mike	Cementation	2022-09-14
Kinch-McCrae	Jonathan	Ledcor	2022-09-16
Sabouneh	Maher	FLS	2022-09-19

Last Name	First Name	Company	Date
Sihota	Ajay	FLS	2022-09-19
Rosko-Fong	Jakob	Consep	2022-09-19
Crowley	Damien	Toromont Cat	2022-09-20
Lockhart	Cameron	Toromont Cat	2022-09-20
Gagne	Raymond	MCL	2022-09-20
Baker	Mary	MCL	2022-09-20
Pohjlainen	Jeremy	Toromont Cat	2022-09-21
Irwin	Jakob	Toromont Cat	2022-09-21
Jeffry	Tom	EKT 90	2022-09-22
Barrie	Mark	EKT 90	2022-09-22
Spengler	Stephan	EKT 90	2022-09-22
Clarksonn	Waylon	Cyr Drilling	2022-09-22
Tribe	Broden	Cyr Drilling	2022-09-22
Carlson	Chase	Cyr Drilling	2022-09-22
Sopotiuck	Zachary	Cementation	2022-09-26
Silk	Glen	Titan	2022-09-26
Korpesho	Andrew	Titan	2022-09-26
McDougall	Alexander	Titan	2022-09-26
Starkman	Adam	Titan	2022-09-26
Neubauer	Ryan	Titan	2022-09-26
Henderson	Kevin	Titan	2022-09-26
Paulson	Jason	Titan	2022-09-26
Fleming	Darryl	Sling Choker	2022-09-26
Laco	Jeff	Sling Choker	2022-09-26
Henrikson	Victor	Cementation	2022-09-27
Turcan	Erick	Unijet	2022-09-27
Halcrow	Brenden	MCL	2022-09-28
Turner	Stephen	Toromont Cat	2022-09-28
Mcintyre	Eric	Toromont Cat	2022-09-28
Randy	McKinnon	SWC	2022-09-29
Garrison	Assance	Superior Welding	2022-09-29
David	Riding	New Gold	2022-09-29
Karl	Gammie	SMS	2022-09-29
Bonnie	Boucher	New Gold	2022-09-29
Halverson	Nathan	Ledcor	2022-09-29
Riding	Brett	Tramin	2022-09-30

Last Name	First Name	Company	Date
Heerena	Devon	EKT	2022-10-01
Jean	Gilbert	EKT	2022-10-01
Williams	Scott	Tramin	2022-10-01
Tetrault	Jordan	EKT	2022-10-01
Sequeira	Deepak	EKT	2022-10-01
Selman	Shane	Tramin	2022-10-01
Howard	Robert	Superior Welding	2022-10-01
Chretien	Guy	EKT	2022-10-01
Bois	Eric	Tramin	2022-10-01
Hogan	Miley	Tramin	2022-10-01
Boyer	Payton	Revolution Mechanical	2022-10-03
Muir	Dave	EKT-90	2022-10-03
Cain	Richard	EKT-90	2022-10-03
Magbanua	Jul	EKT-90	2022-10-03
Felix	Nathan	MMC	2022-10-03
Devries	Jakob	EKT-90	2022-10-04
Rahman	Hafizur	Workforce	2022-10-04
Roycroft	William	EKT-90	2022-10-04
Knorr	John	EKT-90	2022-10-04
DesRosiers	Bryson	Revolution Mechanical	2022-10-04
Ouellette	Charles	Boart Longyear	2022-10-04
Hay	David	Ledcor	2022-10-05
Paulo	Mark	Cyr Drilling	2022-10-05
Cassidy	Caleb	Cyr Drilling	2022-10-05
Kilborn	Samuel	Levitt Safety	2022-10-06
Lepage	Brandon	Boart Longyear	2022-10-06
Rodrigue	Joel	Cool Heat	2022-10-06
Schrader	Russell	Workforce	2022-10-06
Sapay	Steven	Adean Drilling	2022-09-15
Johnston	Dylan	Maven	2022-10-11
Higgeke	Albert	Maven	2022-10-11
Beckers	Nigel	4M Solutions	2022-10-12
Hildebrand	Mark	4M Solutions	2022-10-12
Hildebrand	Morgan	4M Solutions	2022-10-12
Forariss	Estavan	4M Solutions	2022-10-12
Costalez	Samuel	Haynes	2022-10-12

Last Name	First Name	Company	Date
Jonas	Tracy	Haynes	2022-10-13
Malo	Brett	EDA Mechanical	2022-10-17
White	Larry	EDA Mechanical	2022-10-17
Vos	Kestyn	Tramin	2022-10-17
Boyce	Delaney	Tramin	2022-10-17
Apetagon	Travis	MCL	2022-10-19
Simmonds	Derek	Boart Longyear	2022-10-20
Warren	Dan	Boart Longyear	2022-10-21
Sidock	Nicholas	G&K Electric	2022-10-24
Peppard	David	D. Peppard Mechanical	2022-10-24
Yabut	Joren	Cummins	2022-10-24
Owen	Jim	Rocky Mountain Ind	2022-10-25
Deslauriers	Matthew	PSL	2022-10-25
Beaulieu	Felix	Boart Longyear	2022-10-25
Brown	Nicholas	Cyr Drilling	2022-10-26
Merkoske	Lucas	Adey Brother	2022-10-26
Harper	Rick	Brandt	2022-10-26
Lysmo	Casey	Synterra Security	2022-10-26
black	James	GFL	2022-10-27
Desrochers	Andrew	Kal Tire	2022-10-27
Loranger	Aaron	GFL	2022-10-28
Currie	Noah	Boart Longyard	2022-10-29
Musicco	Jonathan	SRK	2022-10-30
Dupuis	Jeremie	Cementation	2022-10-31
Kelly	Jeff	LH Crane	2022-10-31
Waller	Tyson	LH Crane	2022-10-31
Quinn	Larabie	LH Crane	2022-10-31
Gibson	Ryan	Mckenzie Diesel	2022-11-01
Sequeira	Deepak	EKT	2022-11-01
Heerema	Devon	EKT	2022-11-01
Markham	Kyle	MCL	2022-11-01
Campbell	Darcy	MCL	2022-11-01
McGuire	Daniel	Knight Piesold	2022-11-01
Coultis	Shaun	Superior Welding	2022-11-02
Lough	Jeffery	M.C. Lough Electric	2022-11-02
Plouffe	Nicholas	Andean	11/2/0222

Last Name	First Name	Company	Date
Larkins	Jordan	SRK Consulting Canada Inc	2022-11-02
Johnston	Gordon	SRK Consulting Canada Inc	2022-11-02
Capay	Fergie	Moncrief Construction	2022-11-02
Sardella	Cody	Strongco	2022-11-08
Krawchuk	Wade	Comairco	2022-11-08
Markus	Sean	Pauls Hauling	2022-11-08
Reigh	Brian	Clara Industrial Services	2022-11-09
Rutkowski	Brandon	Clara Industrial Services	2022-11-09
Guillerans	Guillermo	Clara Industrial Services	2022-11-09
Ambury	Dave	Clara Industrial Services	2022-11-09
Picavet	Keegan	Boart Longyear	2022-11-10
Wong	Wilbur	Cementation	2022-11-15
Taylor	Daniel	Maple Leaf Drilling	2022-11-15
Slind	Andrew	Maple Leaf Drilling	2022-11-15
Kerr	Dylan	Maple Leaf Drilling	2022-11-15
Ghirian	Ali	Golder WSP	2022-11-16
McCool	Lorne	Moncrief Construction	2022-11-21
Nystrom	Lucas	Moncrief Construction	2022-11-21
Smith	Brock	Moncrief Construction	2022-11-21
Francis	Scott	Moncrief Construction	2022-11-21
Sepke	Ethan	Maple Leaf Drilling	2022-11-22
Trifonov	Trifon	Thermo Applicators	2022-11-22
Johnson	Darren	Cementation	2022-11-23
Bailey	Maj-lis	Tramin	2022-11-24
Maki	Russel	Tramin	2022-11-24
Walker	Jahnye	Badger Daylighting	2022-11-24
Feth	Aaron	SMS Equipment	2022-11-24
Brown	Cameron	New Gold	2022-11-24
Land	Graham	Tramin	2022-11-24
Zub	Elizabeth	Fastenal	2022-11-25
Warren	David	Badger Daylighting	2022-11-25
Leroux	Jonathan	Dyno Nobel	2022-11-26
Thierry	Kyle	Superior Doors	2022-11-26
Manary	Ben	New Gold	2022-11-27
Evans	Jimmy	Superior Welding	2022-11-27
Seabrook	Dallas	Superior Welding	2022-11-27

Last Name	First Name	Company	Date
Sutton	Kris	EKT 90	2022-11-28
Spence	Kevin	EKT 90	2022-11-28
Dacre	Kaiden	EKT 90	2022-11-28
Bresemann	Todd	Komatsu	2022-11-28
Pollard	Brent	MC Lough Electric	2022-11-28
Desrosiers	Bryson	Revolution Mechanical	2022-11-28
Godick	Daylen	EKT90	2022-11-28
Calvert	Hunter	LH Crane	2022-11-28
Steep	Tye	CMM	2022-11-28
Wilson	Cody	Revolution Mechanical	2022-11-28
Delyea	Dennis	LH Crane	2022-11-28
Flynn	Blake	Uni-Jet	2022-11-28
Rosvold	Steven	Betteridge	2022-11-29
Napoleone	Matthew	Betteridge	2022-11-29
Johnson	Jacob	Betteridge	2022-11-29
Teodorovici	Aaron	Betteridge	2022-11-29
Grynel	Teagan	Elite Services	2022-11-29
Baker	Jared	Elite Services	2022-11-29
Johnston	Ben	Betteridge	2022-11-29
Rye	Robert	Betteridge	2022-11-29
Baumgartner	Adam	Betteridge	2022-11-29
Castle	Adam	EKT 90	2022-11-29
Dumas	Matt	EKT 90	2022-11-29
Wilson	Nikkilas	EKT 90	2022-11-29
Heath	Shane	MTS	2022-11-29
Thomas	John	EKT 90	2022-11-29
Hames	Christopher	Workforce	2022-11-29
Strom	Trevor	Revolution Mechanical	2022-11-29
Lind	Mark	EKT 90	2022-11-29
Reusch	Spencer	Betteridge	2022-11-29
Topham	Stewart	Uni-Jet	2022-11-29
Honkey	Paul	EKT 90	2022-11-29
Lavoie	Ben	EKT 90	2022-11-29
Kay	Jeff	Sling Choker	2022-11-29
Berrgren	Dawven	Betteridge	2022-11-29
Abitong	Nikki	Superior Welding	2022-11-29

Last Name	First Name	Company	Date
Howard	Robert	Superior Welding	2022-11-29
Reeves	Thomas	Superior Welding	2022-11-29
Bastarach	Mathieu	MTS	2022-11-29
Barbeau	Richard	Revolution belting	2022-11-29
Nousiainen	Adam	Wajax Power Systems	2022-11-29
Saville	Sara	EKT 90	2022-11-29
Morandin	Christen	CMM	2022-11-29
Withers	James	Workforce	2022-11-29
LaSorsa	Noah	Workforce	2022-11-29
Guenette	Alexis	Workforce	2022-11-29
Bourgeois	Spencer	EKT 90	2022-11-29
Britton	Jim	Vector	2022-11-29
Macey	Shane	EKT 90	2022-11-29
Hickman	Cody	Superior Welding	2022-11-29
Sinclair	Joseph	Superior Welding	2022-11-29
Drouin	Julian	Revolution belting	2022-11-29
Watier	Ryan	Betteridge Enterprises	2022-11-29
Gates	Kade	Betteridge Enterprises	2022-11-29
Cole	Devon	Betteridge Enterprises	2022-11-29
Amendt	Cody	Betteridge Enterprises	2022-11-29
Singh	Gurjeet	Betteridge Enterprises	2022-11-29
Rosvold	Reagan	Betteridge Enterprises	2022-11-29
Mathison	Dorsey	Betteridge Enterprises	2022-11-29
Tait	Jamiel	Betteridge Enterprises	2022-11-29
Johnson	John Mark	Betteridge Enterprises	2022-11-29
Clark	Travis	MTS	2022-11-29
Kantola	Kris	EKT 90	2022-11-29
Leroux	Alyshia	New Gold	2022-11-30
Hynd	Jada	Workforce	2022-11-30
Dobson	Frederick	New Gold	2022-11-30
Larose	Aurel	New Gold	2022-11-30
Fletcher	Evan	New Gold	2022-11-30
Rasoamarinera	Rosa	New Gold	2022-11-30
Turner	Allan	Wenco	2022-11-30
Woods	Daniel	Wenco	2022-11-30
Encila	Joseph	Mammoth Equipment	2022-12-05

Last Name	First Name	Company	Date
Symington	Neal	Mammoth Equipment	2022-12-05
Encila	Joesph	Mammoth Equipment	2022-12-05
Richard	Ryan	Synterra Security	2022-12-07
Maslack	Darren	Synterra Security	2022-12-07
Mose	Walker	GFL	2022-12-07
Fleming	Scott	Sling Choker	2022-12-07
Wood	Tanner	SMS	2022-12-07
Fleming	Nathan	CMM	2022-12-07
Smith	Marleen	PJS	2022-12-08
Niivila	Nickolas	GFL	2022-12-08
Carbo Malvesi	Guerau	DSST	2022-12-11
Palmer	David	RSI Instruments	13/12/2022
Henry	Brendan	Mackenzie Diesel	13/12/2022
Ahern	William	New Gold	14/12/2022
Pijnenburg	Steven	Cementation	14/12/2022
Scott	Shawn	Kal Tire	2022-12-14
St. Pierre	Dawson	Badger Daylighting	2022-12-16
Keam	Adrienne	MCL	2022-12-17
Wigle	Travis	RCT	2022-12-19
Stewardson	Frank	PSL	2022-12-19
Matwychuk	Kameron	SMS	2022-12-22
Hymers	Derek	Tramin	2022-12-26
Copenance	Whitebear	New Gold	2022-12-26

Appendix K. Summary of equipment operating hours, 2022.

Equipment	Operating Hours
Haul Trucks	196392
Graders	25576
Dozers	84669
Loaders	24091
Shovels	30011
Float Trucks	500
Water Trucks	7299
Drills	45963
Telehandlers	200