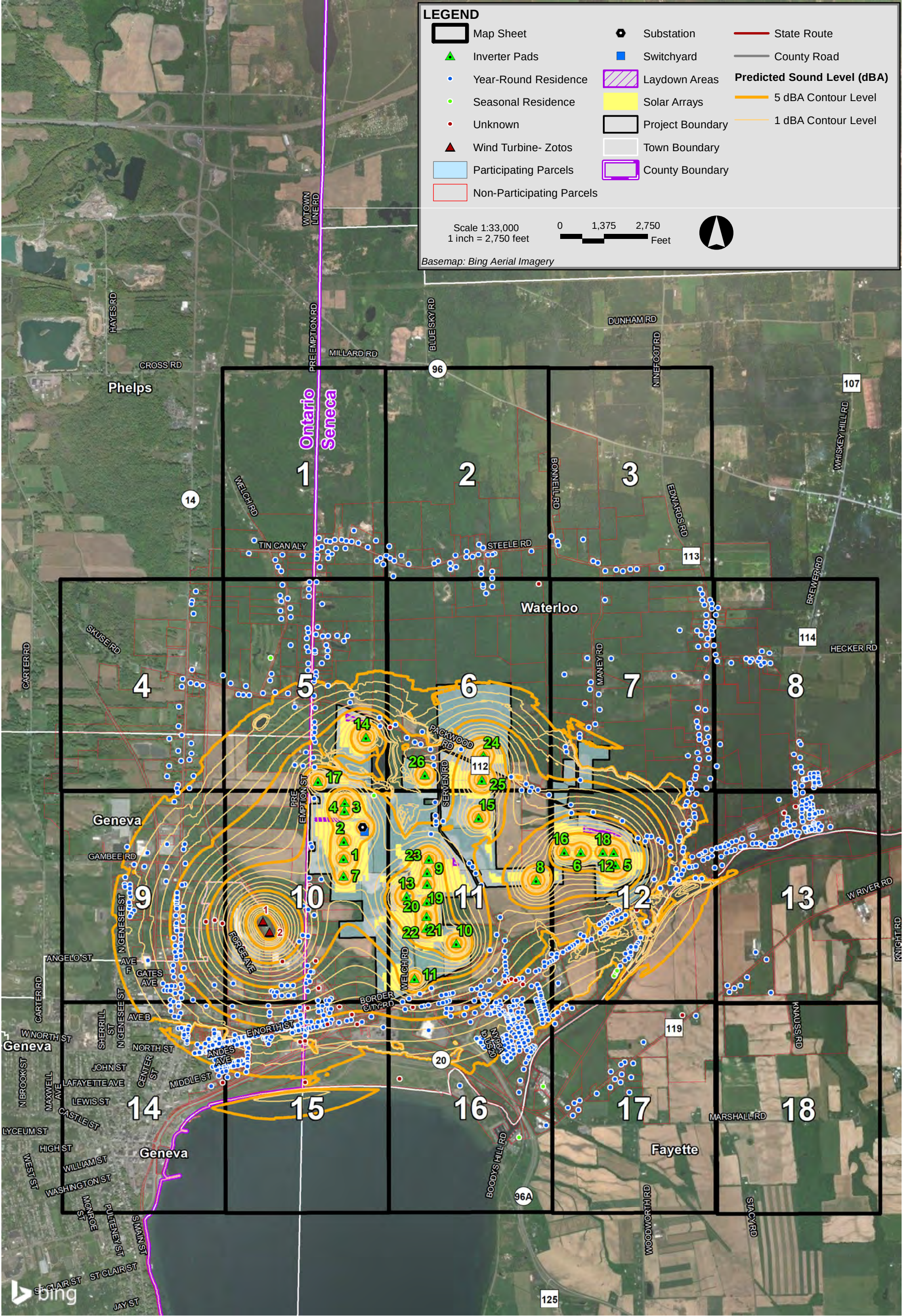
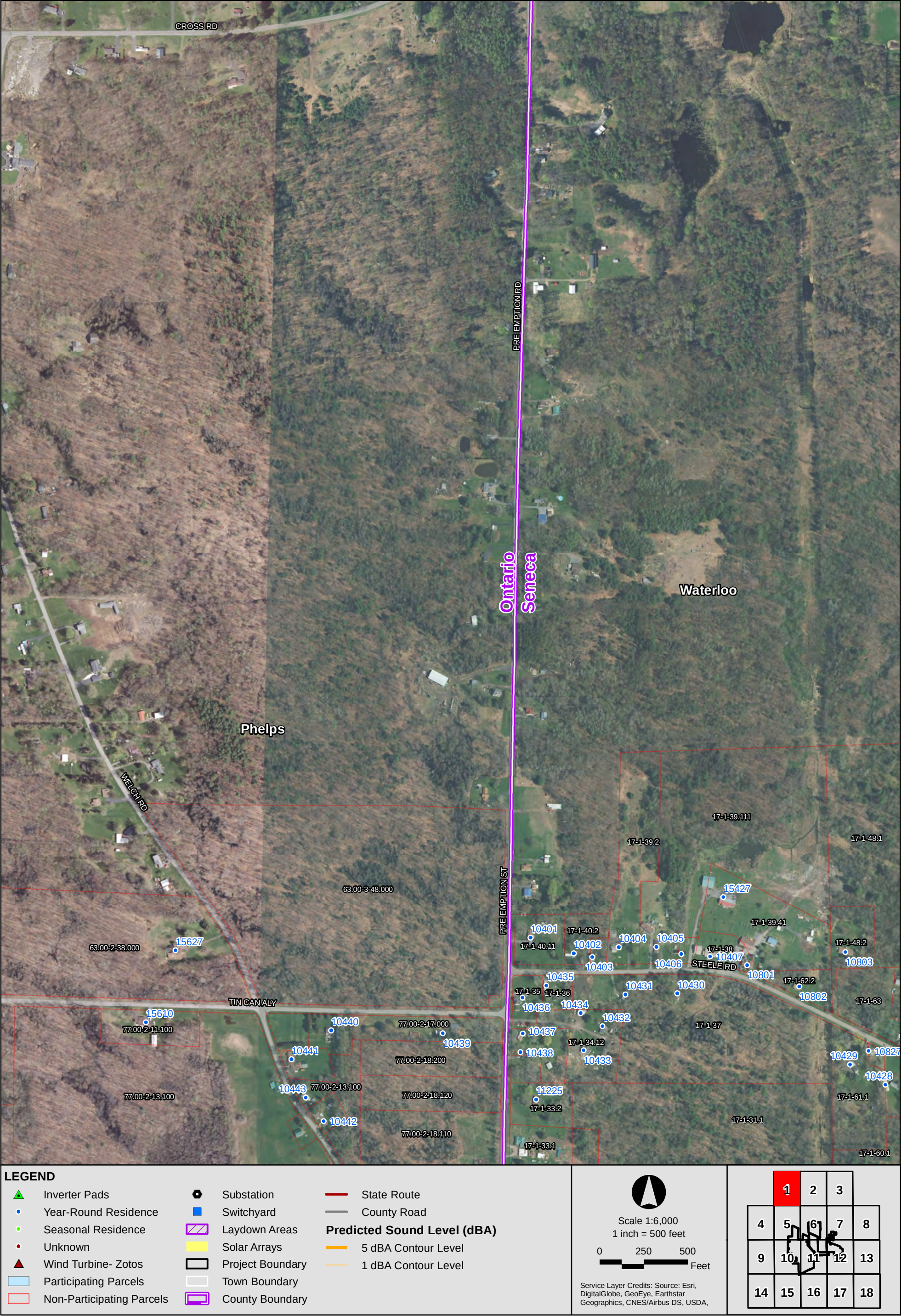


Appendix 19-7

Cumulative Modeled Sound Levels – 1-Hour L_{eq}



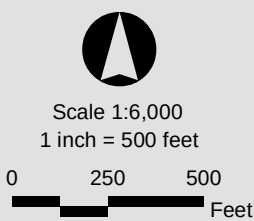






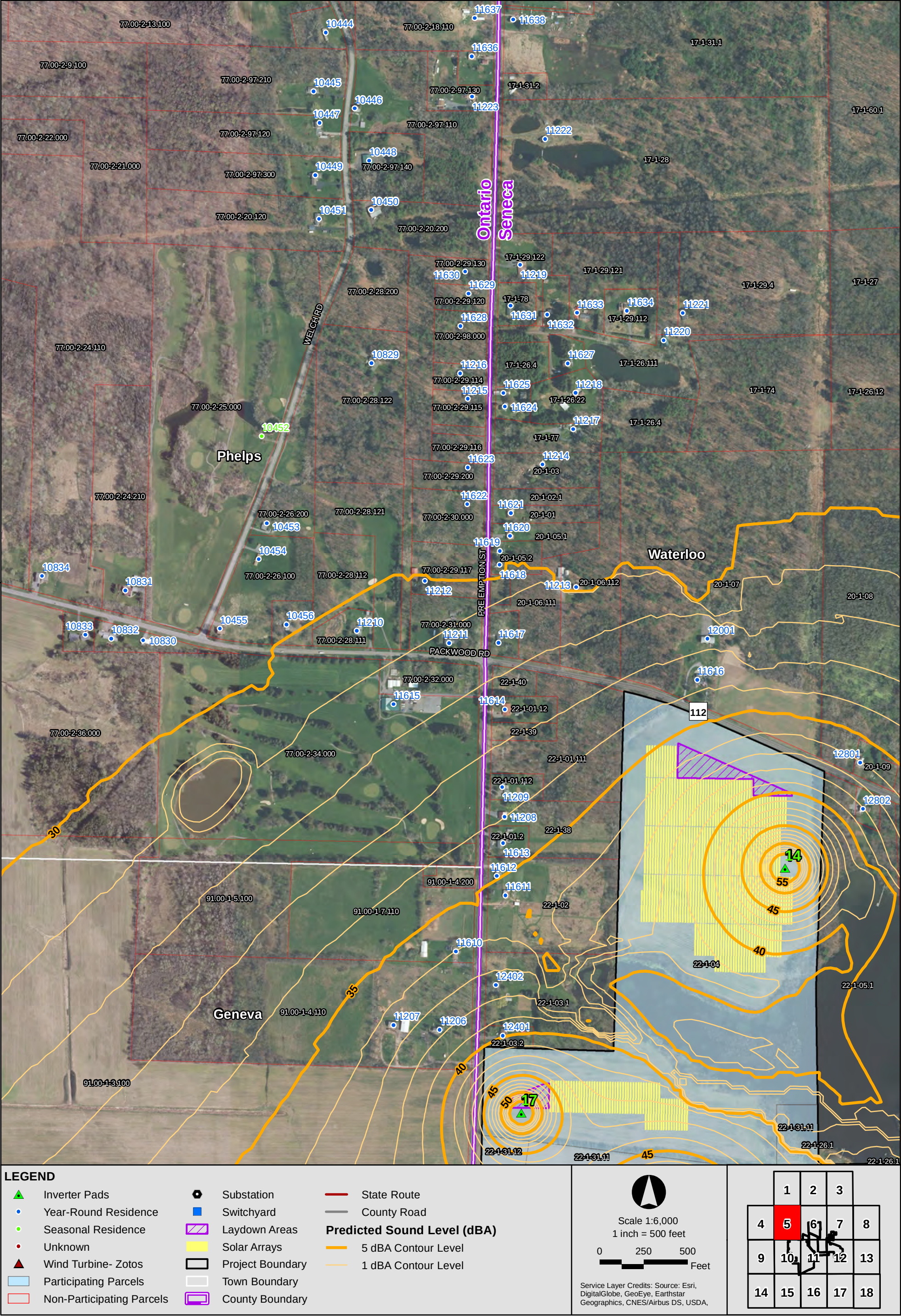
	Inverter Pads		Substation
	Year-Round Residence		Switchyard
	Seasonal Residence		Laydown Areas
	Unknown		Solar Arrays
	Wind Turbine- Zotos		Project Boundary
	Participating Parcels		Town Boundary
	Non-Participating Parcels		County Boundary

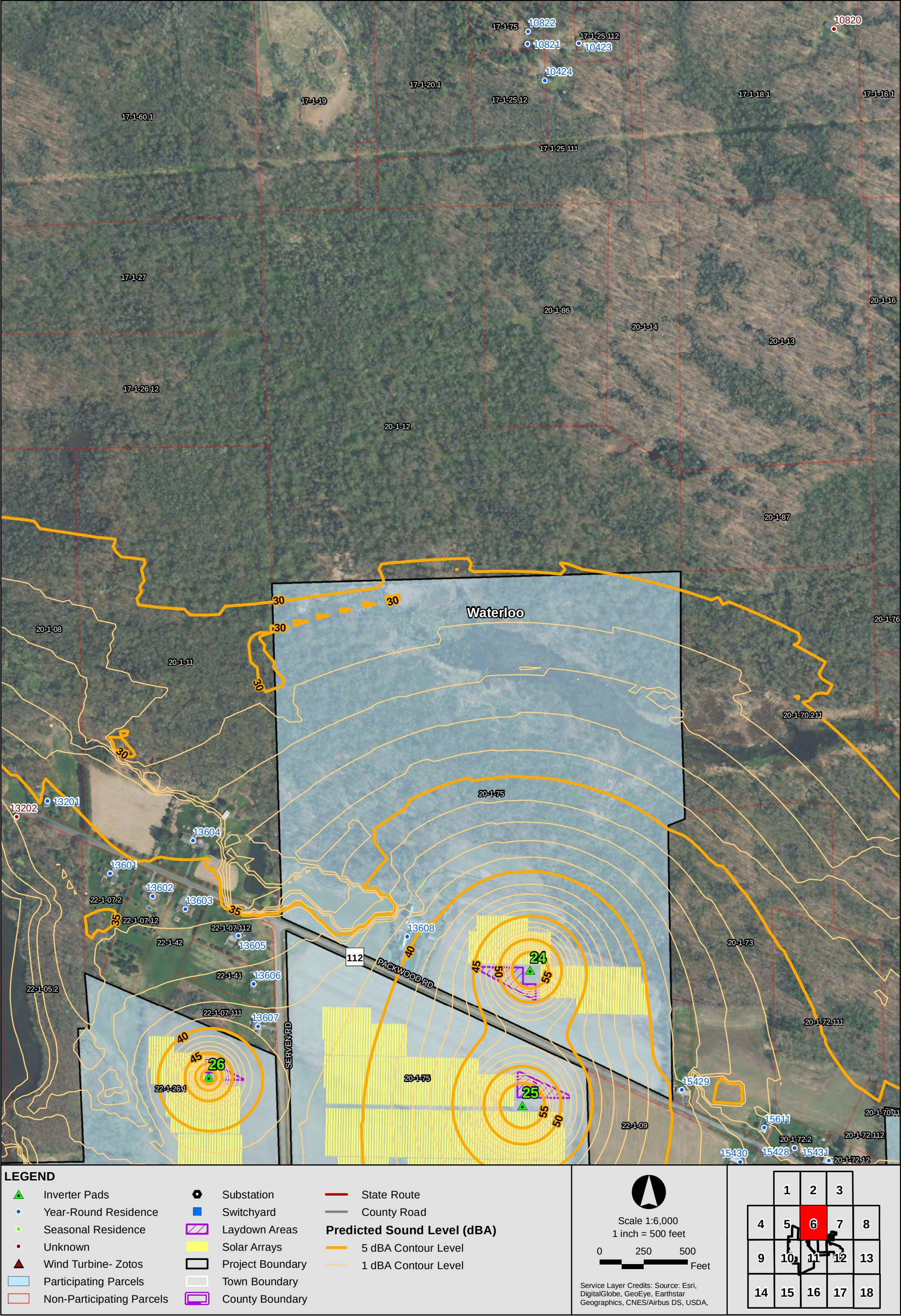
 State Route
 County Road
Predicted Sound Level (dBA)
 5 dBA Contour Level
 1 dBA Contour Level



Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA,

	1	2	3	
4	5	6	7	8
9	10	11	12	13
14	15	16	17	18





	Inverter Pads		Substation
	Year-Round Residence		Switchyard
	Seasonal Residence		Laydown Areas
	Unknown		Solar Arrays
	Wind Turbine- Zotos		Project Boundary
	Participating Parcels		Town Boundary
	Non-Participating Parcels		County Boundary

 State Route
 County Road
Predicted Sound Level (dBA)
 5 dBA Contour Level
 1 dBA Contour Level



Scale 1:6,000
1 inch = 500 feet

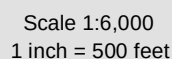


Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA,

	1	2	3	
4	5	6	7	8
9	10	11	12	13
14	15	16	17	18

	Inverter Pads		Substation
	Year-Round Residence		Switchyard
	Seasonal Residence		Laydown Areas
	Unknown		Solar Arrays
	Wind Turbine- Zotos		Project Boundary
	Participating Parcels		Town Boundary
	Non-Participating Parcels		County Boundary

 State Route
 County Road
Predicted Sound Level (dBA)
 5 dBA Contour Level
 1 dBA Contour Level



A horizontal number line is labeled with 0, 250, and 500. Below the line, there are three black bars of different lengths. The first bar starts at 0 and ends at 125. The second bar starts at 125 and ends at 250. The third bar starts at 250 and ends at 500. The word "Feet" is written at the right end of the number line.

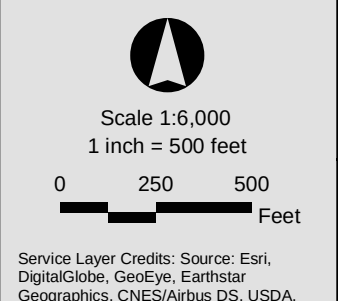
Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA,

	1	2	3	
4	5	6	7	8
9	10	11	12	13
14	15	16	17	18

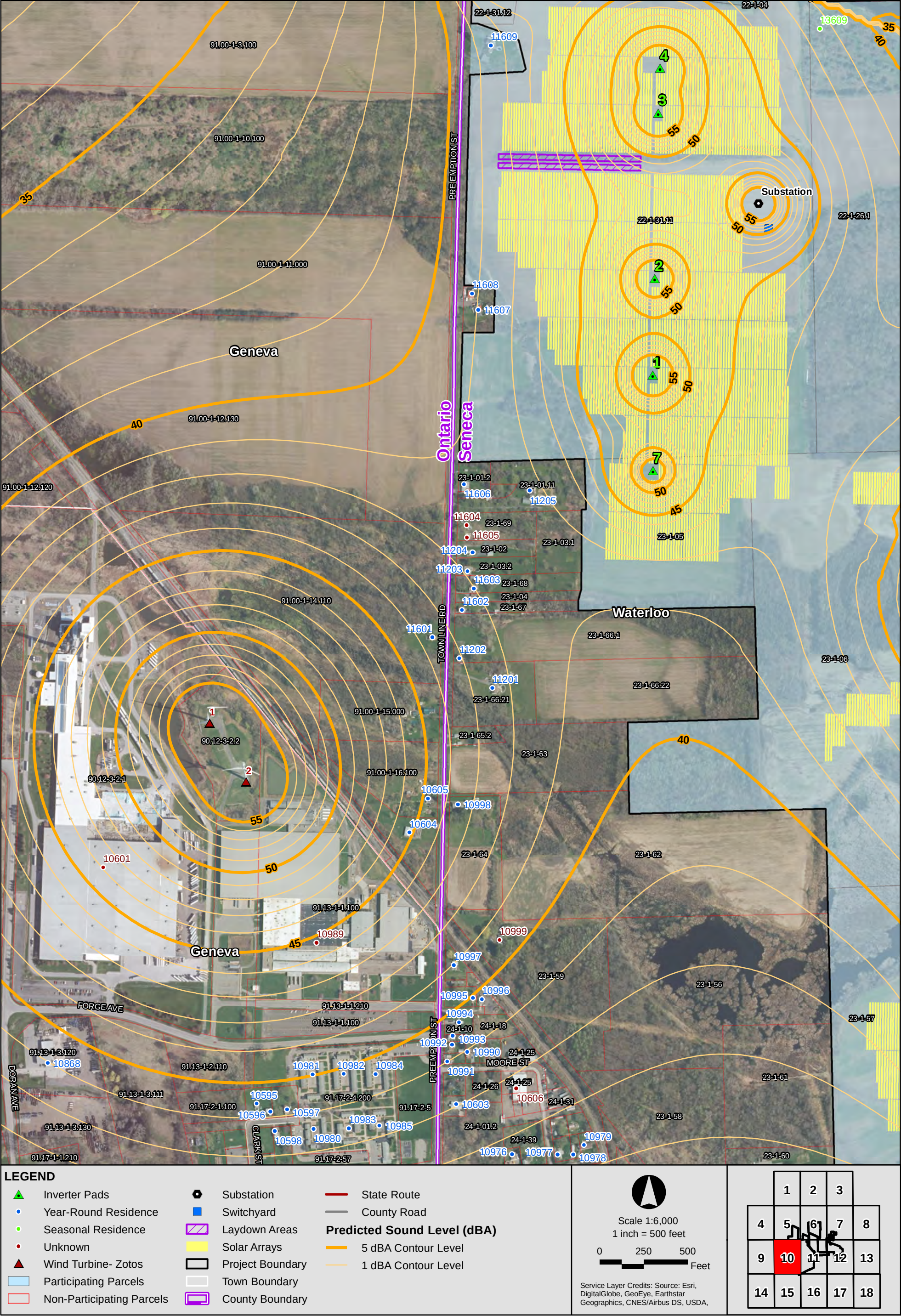
- Inverter Pads
- Year-Round Residence
- Seasonal Residence
- Unknown
- Wind Turbine- Zotos
- Participating Parcels
- Non-Participating Parcels

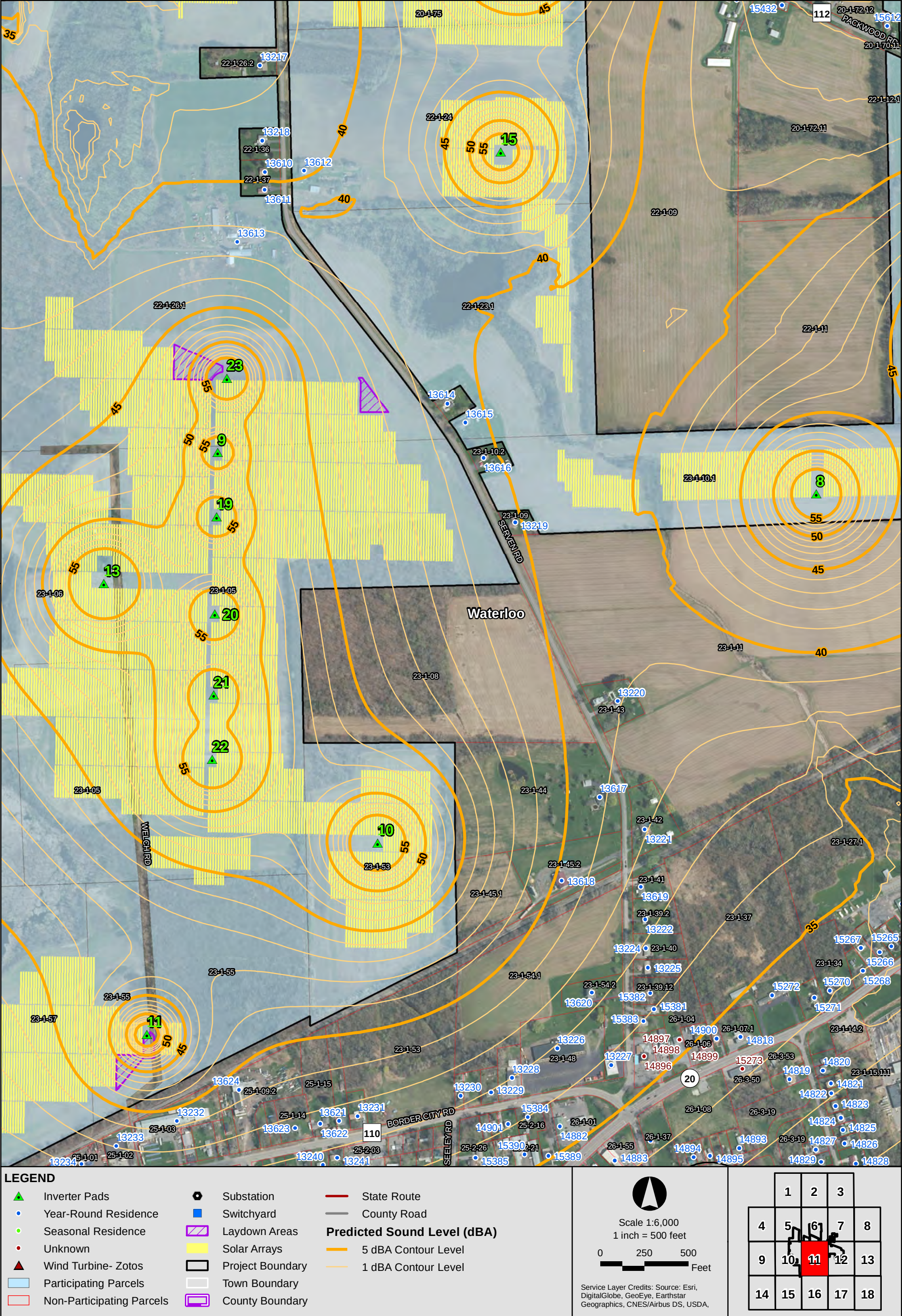
-  Substation
-  Switchyard
-  Laydown Areas
-  Solar Arrays
-  Project Boundary
-  Town Boundary
-  County Boundary

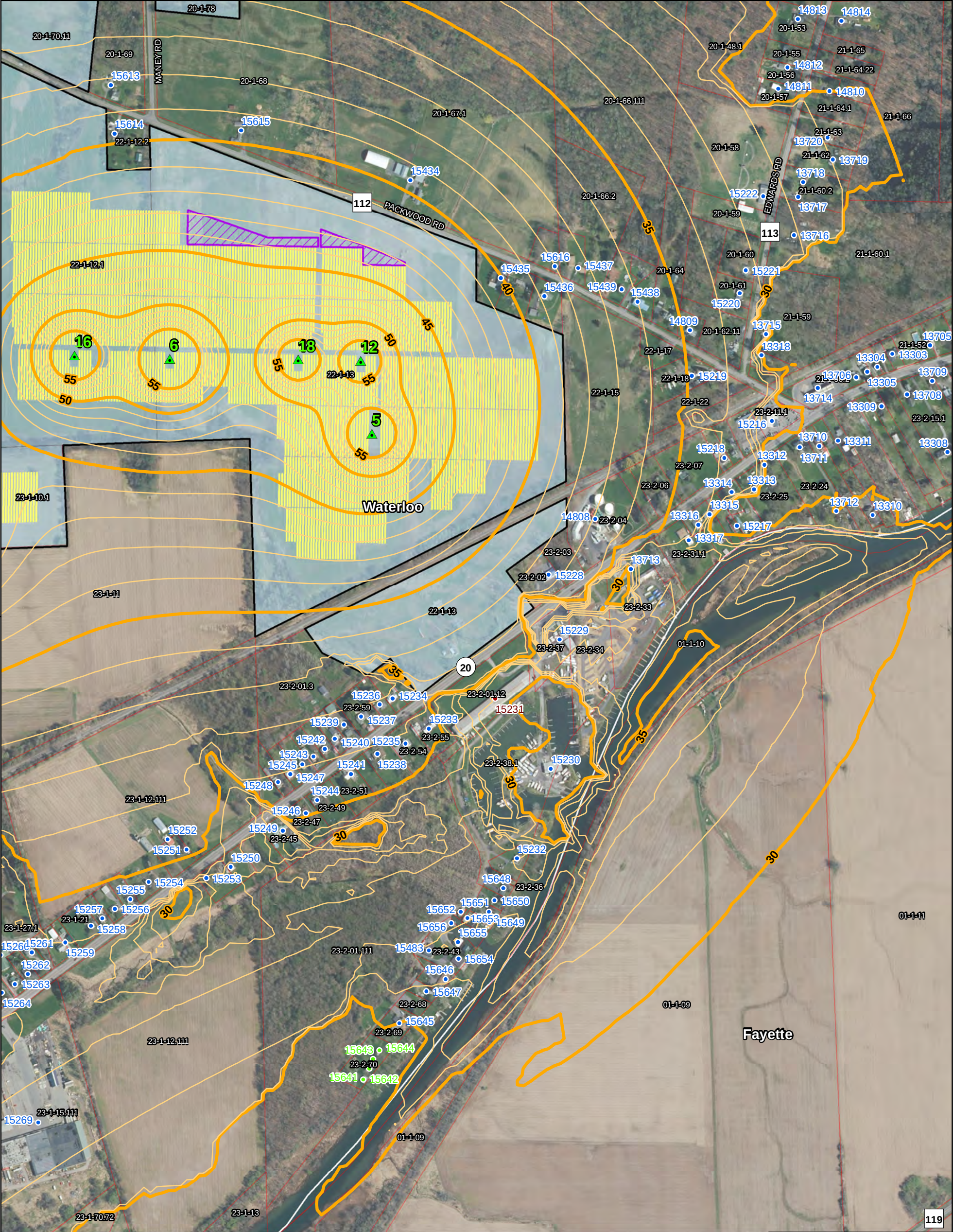
- State Route
 County Road
- Predicted Sound Level (dBA)**
 5 dBA Contour Level
 1 dBA Contour Level



	1	2	3	
4	5	6	7	8
9	10	11	12	13
14	15	16	17	18







LEGEND

Inverter Pads

Year-Round Residence

Seasonal Residence

Unknown

Wind Turbine- Zotos

Participating Parcels

Non-Participating Parcels

Substation

Switchyard

Laydown Areas

Solar Arrays

Project Boundary

Town Boundary

County Boundary

State Route

County Road

Predicted Sound Level (dBA)

5 dBA Contour Level

1 dBA Contour Level

Scale 1:6,000
1 inch = 500 feet

0 250 500 Feet

Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA,

	1	2	3	
4	5	6	7	8
9	10	11	12	13
14	15	16	17	18

	Inverter Pads		Substation
	Year-Round Residence		Switchyard
	Seasonal Residence		Laydown Areas
	Unknown		Solar Arrays
	Wind Turbine- Zotos		Project Boundary
	Participating Parcels		Town Boundary
	Non-Participating Parcels		County Boundary

 State Route
 County Road
Predicted Sound Level (dBA)
 5 dBA Contour Level
 1 dBA Contour Level



Scale 1:6,000
1 inch = 500 feet



Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA,

	1	2	3	
4	5	6	7	8
9	10	11	12	13
14	15	16	17	18

LEGEND

	Inverter Pads		Substation		State Route
	Year-Round Residence		Switchyard		County Road
	Seasonal Residence		Laydown Areas	Predicted Sound Level (dBA)	
	Unknown		Solar Arrays		5 dBA Contour Level
	Wind Turbine- Zotos		Project Boundary		1 dBA Contour Level
	Participating Parcels		Town Boundary		
	Non-Participating Parcels		County Boundary		

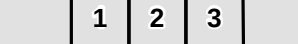


Scale 1:6,000
1 inch = 500 feet



0 250 500 Feet

Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA,



Predicted Sound Level (dBA)

Scale 1:6,000
1 inch = 500 feet

0 250 500 Feet

Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA,

Legend:

- Inverter Pads
- Year-Round Residence
- Seasonal Residence
- Unknown
- Wind Turbine- Zotos
- Participating Parcels
- Non-Participating Parcels
- Substation
- Switchyard
- Laydown Areas
- Solar Arrays
- Project Boundary
- Town Boundary
- County Boundary
- State Route
- County Road
- 5 dBA Contour Level
- 1 dBA Contour Level



LEGEND

Inverter Pads

Year-Round Residence

Seasonal Residence

Unknown

Wind Turbine- Zotos

Participating Parcels

Non-Participating Parcels

Substation

Switchyard

Laydown Areas

Solar Arrays

Project Boundary

Town Boundary

County Boundary

State Route

County Road

Predicted Sound Level (dBA)

5 dBA Contour Level

1 dBA Contour Level

Scale 1:6,000
1 inch = 500 feet

0 250 500 Feet

Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA,

	1	2	3
4	5	6	7
9	10	11	12
14	15	16	17



LEGEND

Inverter Pads

Year-Round Residence

Seasonal Residence

Unknown

Wind Turbine- Zotos

Participating Parcels

Non-Participating Parcels

Substation

Switchyard

Laydown Areas

Solar Arrays

Project Boundary

Town Boundary

County Boundary

State Route

County Road

Predicted Sound Level (dBA)

5 dBA Contour Level

1 dBA Contour Level

Scale 1:6,000
1 inch = 500 feet

0 250 500 Feet

Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA,

	1	2	3
4	5	6	7
9	10	11	12
14	15	16	17



LEGEND

Inverter Pads

Year-Round Residence

Seasonal Residence

Unknown

Wind Turbine- Zotos

Participating Parcels

Non-Participating Parcels

Substation

Switchyard

Laydown Areas

Solar Arrays

Project Boundary

Town Boundary

County Boundary

State Route

County Road

Predicted Sound Level (dBA)

5 dBA Contour Level

1 dBA Contour Level

Scale 1:6,000
1 inch = 500 feet

0 250 500 Feet

Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA,

	1	2	3
4	5	6	7
9	10	11	12
14	15	16	17
			18

Table 19-7.1a: Cumulative Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Receptor ID

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM NAD83 Zone 18N (meters)		Trelina Project Only Maximum 1-hr Leq (dBA)	Zotos Project Only Maximum 1-hr Leq (dBA)	Cumulative Maximum 1-hr Leq (dBA)
			X (m)	Y (m)			
10401	Year-Round Residence	Non-Participating	339794.01	4753801.73	20	19	22
10402	Year-Round Residence	Non-Participating	339868.73	4753774.67	21	19	23
10403	Year-Round Residence	Non-Participating	339900.99	4753768.25	21	19	23
10404	Year-Round Residence	Non-Participating	339946.52	4753785.52	21	18	23
10405	Year-Round Residence	Non-Participating	340011.36	4753785.75	21	18	23
10406	Year-Round Residence	Non-Participating	340054.88	4753773.39	21	18	23
10407	Year-Round Residence	Non-Participating	340104.72	4753769.17	21	18	23
10408	Year-Round Residence	Non-Participating	340435.14	4753631.72	22	19	24
10409	Year-Round Residence	Non-Participating	340462.47	4753724.06	22	18	23
10410	Year-Round Residence	Non-Participating	340578.71	4753631.33	22	18	24
10411	Year-Round Residence	Non-Participating	340646.06	4753551.20	22	19	24
10412	Year-Round Residence	Non-Participating	341197.79	4753672.85	21	18	23
10413	Year-Round Residence	Non-Participating	341315.43	4753739.97	22	17	23
10414	Year-Round Residence	Non-Participating	341355.46	4753709.36	22	17	23
10415	Year-Round Residence	Non-Participating	342001.30	4753819.52	21	16	22
10416	Year-Round Residence	Non-Participating	341463.65	4753653.55	22	17	23
10417	Year-Round Residence	Non-Participating	340858.87	4753643.10	22	17	23
10418	Year-Round Residence	Non-Participating	341402.04	4753641.44	22	17	23
10419	Year-Round Residence	Non-Participating	341337.23	4753509.81	23	18	24
10420	Year-Round Residence	Non-Participating	341440.38	4753480.36	23	18	24
10421	Year-Round Residence	Non-Participating	341441.12	4753417.93	23	18	24
10422	Year-Round Residence	Non-Participating	341336.00	4753456.58	23	18	24
10423	Year-Round Residence	Non-Participating	341441.03	4753338.05	23	18	25
10424	Year-Round Residence	Non-Participating	341382.61	4753274.36	24	18	25
10425	Year-Round Residence	Non-Participating	341308.79	4753644.04	22	18	23
10426	Year-Round Residence	Non-Participating	341041.78	4753558.77	22	18	24
10427	Year-Round Residence	Non-Participating	340501.08	4753437.57	23	19	24
10428	Year-Round Residence	Non-Participating	340407.26	4753547.56	22	19	24
10429	Year-Round Residence	Non-Participating	340346.31	4753582.81	22	19	24
10430	Year-Round Residence	Non-Participating	340047.82	4753705.38	21	19	23
10431	Year-Round Residence	Non-Participating	339958.41	4753703.53	21	19	23
10432	Year-Round Residence	Non-Participating	339918.58	4753648.59	21	19	23
10433	Year-Round Residence	Non-Participating	339886.07	4753607.01	21	19	23
10434	Year-Round Residence	Non-Participating	339880.99	4753671.29	21	19	23
10435	Year-Round Residence	Non-Participating	339821.65	4753718.94	20	19	22
10436	Year-Round Residence	Non-Participating	339780.64	4753698.08	20	19	22
10437	Year-Round Residence	Non-Participating	339780.95	4753636.09	20	19	23
10438	Year-Round Residence	Non-Participating	339776.69	4753603.88	20	19	23
10439	Year-Round Residence	Non-Participating	339642.52	4753636.26	19	19	22
10440	Year-Round Residence	Non-Participating	339449.67	4753641.64	19	19	22
10441	Year-Round Residence	Non-Participating	339381.03	4753591.52	19	19	22
10442	Year-Round Residence	Non-Participating	339437.24	4753484.73	19	20	22
10443	Year-Round Residence	Non-Participating	339406.20	4753525.07	19	20	22
10444	Year-Round Residence	Non-Participating	339448.38	4753357.00	20	20	23
10445	Year-Round Residence	Non-Participating	339427.16	4753255.35	19	20	23
10446	Year-Round Residence	Non-Participating	339498.32	4753225.75	20	21	23
10447	Year-Round Residence	Non-Participating	339437.72	4753200.98	18	21	23
10448	Year-Round Residence	Non-Participating	339523.38	4753135.68	19	21	23
10449	Year-Round Residence	Non-Participating	339430.35	4753110.79	19	21	23
10450	Year-Round Residence	Non-Participating	339526.64	4753050.48	20	21	23
10451	Year-Round Residence	Non-Participating	339436.91	4753035.11	20	21	24
10452	Seasonal Residence	Non-Participating	339337.86	4752659.39	21	23	25
10453	Year-Round Residence	Non-Participating	339346.62	4752509.23	22	24	26
10454	Year-Round Residence	Non-Participating	339332.45	4752446.91	22	24	26
10455	Year-Round Residence	Non-Participating	339265.44	4752327.09	27	24	29
10456	Year-Round Residence	Non-Participating	339380.19	4752334.45	29	24	30
10457	Year-Round Residence	Non-Participating	338606.23	4753083.17	19	21	23
10458	Year-Round Residence	Non-Participating	338502.87	4752460.45	22	23	26
10459	Year-Round Residence	Non-Participating	338494.18	4752389.05	23	23	26
10460	Year-Round Residence	Non-Participating	338465.79	4752197.62	24	24	27
10461	Year-Round Residence	Non-Participating	338582.99	4751852.13	25	26	29

Table 19-7.1a: Cumulative Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Receptor ID

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM NAD83 Zone 18N (meters)		Trelina Project Only Maximum 1-hr Leq (dBA)	Zotos Project Only Maximum 1-hr Leq (dBA)	Cumulative Maximum 1-hr Leq (dBA)
			X (m)	Y (m)			
10462	Year-Round Residence	Non-Participating	338375.47	4751897.17	23	26	27
10463	Year-Round Residence	Non-Participating	338492.38	4751930.66	25	26	28
10464	Year-Round Residence	Non-Participating	338586.21	4751753.99	26	27	29
10465	Year-Round Residence	Non-Participating	338565.92	4751692.47	25	27	29
10466	Year-Round Residence	Non-Participating	338487.23	4751681.65	24	27	29
10467	Year-Round Residence	Non-Participating	338373.47	4751633.24	23	27	28
10468	Year-Round Residence	Non-Participating	338606.16	4751540.01	25	28	30
10469	Year-Round Residence	Non-Participating	338349.06	4750672.32	25	33	33
10470	Year-Round Residence	Non-Participating	338345.02	4750537.91	25	33	34
10471	Year-Round Residence	Non-Participating	338448.29	4750385.45	26	35	35
10472	Year-Round Residence	Non-Participating	338439.55	4750358.80	26	35	35
10473	Year-Round Residence	Non-Participating	338445.79	4750344.24	26	35	36
10474	Year-Round Residence	Non-Participating	338442.77	4750318.32	26	35	36
10475	Year-Round Residence	Non-Participating	338506.74	4750298.70	26	36	36
10476	Year-Round Residence	Non-Participating	338448.25	4750299.85	26	35	36
10477	Year-Round Residence	Non-Participating	338445.75	4750277.64	26	35	36
10478	Year-Round Residence	Non-Participating	338440.39	4750119.45	25	35	36
10479	Year-Round Residence	Non-Participating	338445.05	4750098.38	25	35	36
10480	Year-Round Residence	Non-Participating	338444.40	4750070.77	25	35	36
10481	Year-Round Residence	Non-Participating	338484.79	4750026.80	25	36	36
10482	Year-Round Residence	Non-Participating	338483.02	4749942.34	25	36	36
10483	Year-Round Residence	Non-Participating	338486.47	4749921.51	25	36	36
10484	Year-Round Residence	Non-Participating	338481.53	4749879.04	25	35	36
10485	Year-Round Residence	Non-Participating	338428.90	4749868.49	25	35	35
10486	Year-Round Residence	Non-Participating	338483.96	4749833.13	24	35	36
10487	Year-Round Residence	Non-Participating	338439.79	4749800.10	25	35	35
10488	Year-Round Residence	Non-Participating	338441.03	4749824.97	25	35	35
10489	Year-Round Residence	Non-Participating	338410.96	4749738.98	24	34	35
10490	Year-Round Residence	Non-Participating	338405.81	4749687.78	24	34	34
10491	Year-Round Residence	Non-Participating	338418.92	4749630.26	24	34	34
10492	Year-Round Residence	Non-Participating	338485.66	4749560.33	24	34	34
10493	Year-Round Residence	Non-Participating	338499.65	4749530.74	24	34	34
10494	Year-Round Residence	Non-Participating	338598.65	4749415.95	21	34	34
10495	Year-Round Residence	Non-Participating	338802.23	4749554.87	26	37	37
10496	Year-Round Residence	Non-Participating	338800.06	4749125.57	19	28	28
10497	Year-Round Residence	Non-Participating	338802.77	4749091.87	19	28	28
10498	Year-Round Residence	Non-Participating	338814.82	4749007.51	19	32	32
10499	Year-Round Residence	Non-Participating	338786.21	4748983.93	19	31	31
10500	Year-Round Residence	Non-Participating	338797.58	4748982.58	19	31	32
10501	Year-Round Residence	Non-Participating	338815.63	4748985.86	19	31	32
10502	Year-Round Residence	Non-Participating	338847.65	4748995.82	19	32	32
10503	Year-Round Residence	Non-Participating	338870.97	4748999.42	19	32	32
10504	Year-Round Residence	Non-Participating	338883.33	4749003.28	19	32	32
10505	Year-Round Residence	Non-Participating	338793.65	4748936.58	18	31	31
10506	Year-Round Residence	Non-Participating	338811.07	4748940.76	18	31	31
10507	Year-Round Residence	Non-Participating	338824.93	4748943.06	19	31	31
10508	Year-Round Residence	Non-Participating	338837.84	4748942.10	19	31	31
10509	Year-Round Residence	Non-Participating	338861.37	4748954.87	19	31	32
10510	Year-Round Residence	Non-Participating	338879.70	4748960.78	19	31	32
10511	Year-Round Residence	Non-Participating	338835.52	4748908.52	18	31	31
10512	Year-Round Residence	Non-Participating	338837.90	4748897.98	18	31	31
10513	Year-Round Residence	Non-Participating	338867.97	4748927.64	19	31	31
10514	Year-Round Residence	Non-Participating	338872.00	4748912.47	19	31	31
10515	Year-Round Residence	Non-Participating	338835.09	4748881.01	18	31	31
10516	Year-Round Residence	Non-Participating	338845.04	4748865.71	18	30	31
10517	Year-Round Residence	Non-Participating	338850.86	4748852.47	18	30	31
10518	Year-Round Residence	Non-Participating	338851.31	4748834.33	18	30	31
10519	Year-Round Residence	Non-Participating	338855.19	4748822.01	18	30	30
10520	Year-Round Residence	Non-Participating	338861.92	4748791.06	18	30	30
10521	Year-Round Residence	Non-Participating	338845.53	4748793.19	18	30	30
10522	Year-Round Residence	Non-Participating	338832.33	4748791.09	18	30	30

Table 19-7.1a: Cumulative Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Receptor ID

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM NAD83 Zone 18N (meters)		Trelina Project Only Maximum 1-hr Leq (dBA)	Zotos Project Only Maximum 1-hr Leq (dBA)	Cumulative Maximum 1-hr Leq (dBA)
			X (m)	Y (m)			
10523	Year-Round Residence	Non-Participating	338860.96	4748750.24	18	30	30
10524	Year-Round Residence	Non-Participating	338878.86	4748728.20	18	29	30
10525	Year-Round Residence	Non-Participating	338914.37	4748737.85	18	30	30
10526	Year-Round Residence	Non-Participating	338910.85	4748746.67	18	30	30
10527	Year-Round Residence	Non-Participating	338905.62	4748766.44	18	30	30
10528	Year-Round Residence	Non-Participating	338928.26	4748806.76	18	30	31
10529	Year-Round Residence	Non-Participating	338937.74	4748808.94	18	30	31
10530	Year-Round Residence	Non-Participating	338949.31	4748816.09	19	30	31
10531	Year-Round Residence	Non-Participating	338971.51	4748781.50	19	30	30
10532	Year-Round Residence	Non-Participating	338983.84	4748783.83	20	30	31
10533	Year-Round Residence	Non-Participating	338997.54	4748788.53	20	30	31
10534	Year-Round Residence	Non-Participating	339010.37	4748793.48	19	30	31
10535	Year-Round Residence	Non-Participating	339128.38	4748954.90	22	32	32
10536	Year-Round Residence	Non-Participating	339110.58	4748967.22	22	32	32
10537	Year-Round Residence	Non-Participating	338948.45	4748960.86	19	32	32
10539	Year-Round Residence	Non-Participating	339036.66	4749049.21	24	33	33
10540	Year-Round Residence	Non-Participating	339055.81	4749052.47	24	33	33
10541	Year-Round Residence	Non-Participating	339074.24	4749053.35	23	33	33
10542	Year-Round Residence	Non-Participating	339086.43	4749058.96	23	33	33
10543	Year-Round Residence	Non-Participating	339191.63	4749068.08	21	33	33
10544	Year-Round Residence	Non-Participating	339221.01	4749077.65	22	33	34
10545	Year-Round Residence	Non-Participating	339096.46	4749000.42	22	32	33
10546	Year-Round Residence	Non-Participating	339110.38	4749005.11	22	32	33
10547	Year-Round Residence	Non-Participating	339126.49	4749009.76	22	32	33
10548	Year-Round Residence	Non-Participating	339105.21	4748728.41	19	30	30
10549	Year-Round Residence	Non-Participating	339288.97	4749050.18	26	33	34
10550	Year-Round Residence	Non-Participating	339302.21	4749054.02	27	33	34
10552	Year-Round Residence	Non-Participating	339349.04	4749132.73	27	34	35
10553	Year-Round Residence	Non-Participating	339346.30	4749146.77	27	34	35
10554	Year-Round Residence	Non-Participating	339344.21	4749160.80	27	34	35
10555	Year-Round Residence	Non-Participating	339339.75	4749176.41	27	34	35
10556	Year-Round Residence	Non-Participating	339390.18	4749167.81	27	34	35
10557	Year-Round Residence	Non-Participating	339393.07	4749150.70	27	34	35
10558	Year-Round Residence	Non-Participating	339391.84	4749126.05	27	34	35
10559	Year-Round Residence	Non-Participating	339407.26	4749129.19	27	34	35
10560	Year-Round Residence	Non-Participating	339439.26	4749129.53	27	34	35
10561	Year-Round Residence	Non-Participating	339436.39	4749184.85	28	34	35
10562	Year-Round Residence	Non-Participating	339471.67	4749137.29	28	34	35
10563	Year-Round Residence	Non-Participating	339490.90	4749144.16	28	34	35
10564	Year-Round Residence	Non-Participating	339471.13	4749156.41	28	34	35
10565	Year-Round Residence	Non-Participating	339471.47	4749171.26	28	34	35
10566	Year-Round Residence	Non-Participating	339471.06	4749186.44	28	34	35
10567	Year-Round Residence	Non-Participating	339619.50	4749268.59	29	35	36
10568	Year-Round Residence	Non-Participating	339542.83	4749101.45	28	33	34
10570	Year-Round Residence	Non-Participating	339559.53	4749112.42	28	33	34
10571	Year-Round Residence	Non-Participating	339575.51	4749116.30	28	33	34
10572	Year-Round Residence	Non-Participating	339585.17	4749117.17	28	33	34
10573	Year-Round Residence	Non-Participating	339601.69	4749120.61	28	33	34
10574	Unknown	Non-Participating	339663.60	4748629.82	23	29	30
10575	Year-Round Residence	Non-Participating	339665.23	4749071.28	28	33	34
10576	Year-Round Residence	Non-Participating	339669.60	4749084.72	28	33	34
10577	Year-Round Residence	Non-Participating	339674.80	4749101.09	28	33	34
10578	Year-Round Residence	Non-Participating	339676.45	4749129.33	29	33	34
10579	Year-Round Residence	Non-Participating	339741.21	4749152.50	29	33	35
10580	Year-Round Residence	Non-Participating	339774.86	4749157.39	29	33	35
10581	Year-Round Residence	Non-Participating	339720.50	4749203.65	29	34	35
10582	Year-Round Residence	Non-Participating	339681.06	4749204.35	29	34	35
10583	Year-Round Residence	Non-Participating	339786.54	4749201.78	30	33	35
10584	Year-Round Residence	Non-Participating	339832.02	4749164.14	30	33	34
10585	Year-Round Residence	Non-Participating	339845.43	4749170.49	30	33	34
10586	Year-Round Residence	Non-Participating	339864.89	4749220.27	30	33	35

Table 19-7.1a: Cumulative Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Receptor ID

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM NAD83 Zone 18N (meters)		Trelina Project Only Maximum 1-hr Leq (dBA)	Zotos Project Only Maximum 1-hr Leq (dBA)	Cumulative Maximum 1-hr Leq (dBA)
			X (m)	Y (m)			
10587	Year-Round Residence	Non-Participating	339499.53	4749293.07	29	36	36
10588	Year-Round Residence	Non-Participating	339583.08	4749304.22	29	35	36
10589	Year-Round Residence	Non-Participating	339613.28	4749339.99	29	36	37
10590	Year-Round Residence	Non-Participating	339626.07	4749230.49	29	34	35
10591	Year-Round Residence	Non-Participating	339629.30	4749247.02	29	35	36
10592	Year-Round Residence	Non-Participating	339325.62	4749262.39	28	36	36
10593	Year-Round Residence	Non-Participating	339329.20	4749293.31	28	36	37
10594	Year-Round Residence	Non-Participating	339315.98	4749356.30	28	37	37
10595	Year-Round Residence	Non-Participating	339345.17	4749498.44	29	39	39
10596	Year-Round Residence	Non-Participating	339368.52	4749484.79	29	39	39
10597	Year-Round Residence	Non-Participating	339397.10	4749488.49	29	39	39
10598	Year-Round Residence	Non-Participating	339376.07	4749451.42	29	38	39
10601	Unknown	Non-Participating	339079.66	4749906.47	29	46	46
10603	Year-Round Residence	Non-Participating	339689.47	4749497.83	31	37	38
10604	Year-Round Residence	Non-Participating	339608.85	4749966.77	33	45	45
10605	Year-Round Residence	Non-Participating	339640.68	4750025.42	33	44	45
10606	Unknown	Non-Participating	339793.17	4749525.22	32	37	38
10801	Year-Round Residence	Non-Participating	340168.36	4753754.47	21	18	23
10802	Year-Round Residence	Non-Participating	340258.61	4753717.01	21	18	23
10803	Year-Round Residence	Non-Participating	340338.41	4753776.70	21	18	23
10804	Year-Round Residence	Non-Participating	340472.69	4753607.49	22	19	24
10805	Year-Round Residence	Non-Participating	340510.00	4753582.62	22	19	24
10806	Year-Round Residence	Non-Participating	340889.77	4753556.89	21	18	23
10807	Year-Round Residence	Non-Participating	340927.95	4753578.71	21	18	23
10808	Year-Round Residence	Non-Participating	341091.80	4753636.02	22	18	23
10809	Year-Round Residence	Non-Participating	342058.17	4753768.67	21	16	22
10810	Year-Round Residence	Non-Participating	342068.71	4753731.76	21	16	22
10811	Year-Round Residence	Non-Participating	342305.67	4753787.42	20	16	22
10812	Year-Round Residence	Non-Participating	342443.75	4753562.52	19	16	21
10813	Year-Round Residence	Non-Participating	342397.92	4753579.07	18	16	20
10814	Year-Round Residence	Non-Participating	342811.48	4753503.67	21	15	22
10815	Year-Round Residence	Non-Participating	342752.32	4753502.84	20	15	22
10816	Year-Round Residence	Non-Participating	342680.48	4753483.98	21	16	22
10817	Year-Round Residence	Non-Participating	342616.44	4753499.41	21	16	22
10818	Year-Round Residence	Non-Participating	342514.05	4753485.61	20	16	21
10819	Year-Round Residence	Non-Participating	341812.72	4753677.06	21	17	23
10820	Unknown	Non-Participating	341882.24	4753363.01	23	17	24
10821	Year-Round Residence	Non-Participating	341352.95	4753337.03	24	18	25
10822	Year-Round Residence	Non-Participating	341353.88	4753358.39	23	18	25
10823	Year-Round Residence	Non-Participating	341254.40	4753622.16	22	18	23
10824	Year-Round Residence	Non-Participating	341196.46	4753616.95	21	18	23
10825	Year-Round Residence	Non-Participating	341097.49	4753524.08	22	18	23
10826	Year-Round Residence	Non-Participating	341044.02	4753503.93	22	18	24
10827	Year-Round Residence	Non-Participating	340378.39	4753605.85	22	19	24
10829	Year-Round Residence	Non-Participating	339527.18	4752785.78	22	22	25
10830	Year-Round Residence	Non-Participating	339133.07	4752307.04	26	24	28
10831	Year-Round Residence	Non-Participating	339101.79	4752393.34	25	24	28
10832	Year-Round Residence	Non-Participating	339077.49	4752309.87	26	24	28
10833	Year-Round Residence	Non-Participating	339032.95	4752316.59	25	24	28
10834	Year-Round Residence	Non-Participating	338958.22	4752418.32	24	24	27
10835	Year-Round Residence	Non-Participating	338883.37	4752496.04	20	23	25
10836	Year-Round Residence	Non-Participating	338590.78	4752547.22	22	23	25
10837	Year-Round Residence	Non-Participating	338691.17	4752399.92	23	24	26
10838	Year-Round Residence	Non-Participating	338637.13	4752412.54	23	24	26
10839	Year-Round Residence	Non-Participating	338576.02	4752422.27	23	23	26
10840	Year-Round Residence	Non-Participating	338462.37	4752014.76	24	25	28
10841	Year-Round Residence	Non-Participating	338460.42	4751782.96	23	26	28
10842	Year-Round Residence	Non-Participating	338354.11	4751536.77	24	27	29
10843	Year-Round Residence	Non-Participating	338457.35	4751454.43	24	28	30
10844	Year-Round Residence	Non-Participating	338446.17	4751426.31	24	28	30
10845	Year-Round Residence	Non-Participating	338455.43	4751384.21	24	29	30

Table 19-7.1a: Cumulative Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Receptor ID

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM NAD83 Zone 18N (meters)		Trelina Project Only Maximum 1-hr Leq (dBA)	Zotos Project Only Maximum 1-hr Leq (dBA)	Cumulative Maximum 1-hr Leq (dBA)
			X (m)	Y (m)			
10846	Year-Round Residence	Non-Participating	338565.49	4751424.41	24	29	30
10847	Year-Round Residence	Non-Participating	338423.12	4751296.33	24	29	30
10848	Year-Round Residence	Non-Participating	338352.74	4750894.07	25	31	32
10849	Year-Round Residence	Non-Participating	338165.01	4750812.90	24	30	31
10850	Year-Round Residence	Non-Participating	338520.62	4750895.14	26	33	33
10851	Year-Round Residence	Non-Participating	338510.50	4750846.91	26	33	34
10852	Year-Round Residence	Non-Participating	338526.28	4750707.01	26	34	35
10853	Year-Round Residence	Non-Participating	338137.99	4750679.91	24	31	32
10854	Year-Round Residence	Non-Participating	338496.78	4750505.52	26	35	35
10855	Year-Round Residence	Non-Participating	338521.45	4750511.05	27	35	36
10856	Year-Round Residence	Non-Participating	338447.22	4750433.29	26	35	35
10857	Year-Round Residence	Non-Participating	338444.74	4750411.73	26	35	35
10858	Year-Round Residence	Non-Participating	338503.89	4750205.74	26	36	36
10859	Year-Round Residence	Non-Participating	338436.96	4750211.03	26	35	36
10860	Year-Round Residence	Non-Participating	338504.02	4750155.08	26	36	37
10861	Year-Round Residence	Non-Participating	338443.17	4750139.91	25	35	36
10862	Year-Round Residence	Non-Participating	338487.54	4749985.69	25	36	36
10863	Year-Round Residence	Non-Participating	338418.65	4750000.84	25	35	35
10864	Year-Round Residence	Non-Participating	338432.51	4749928.46	25	35	35
10865	Year-Round Residence	Non-Participating	338488.08	4749635.62	25	34	35
10866	Year-Round Residence	Non-Participating	338514.09	4749716.24	24	35	35
10867	Year-Round Residence	Non-Participating	338726.06	4749353.56	24	34	35
10868	Year-Round Residence	Non-Participating	338983.59	4749568.52	27	39	39
10869	Year-Round Residence	Non-Participating	338975.01	4749352.09	26	36	36
10870	Year-Round Residence	Non-Participating	338984.13	4749254.91	26	35	35
10871	Year-Round Residence	Non-Participating	338805.88	4749074.98	19	28	28
10872	Year-Round Residence	Non-Participating	338801.11	4749058.28	19	28	28
10873	Year-Round Residence	Non-Participating	338840.50	4749093.17	19	28	29
10874	Year-Round Residence	Non-Participating	338840.68	4749082.03	19	28	29
10875	Year-Round Residence	Non-Participating	338841.99	4749072.39	19	28	28
10876	Year-Round Residence	Non-Participating	338844.96	4749059.00	19	28	28
10877	Year-Round Residence	Non-Participating	338850.57	4749045.76	19	28	28
10878	Year-Round Residence	Non-Participating	338805.64	4749017.99	19	30	30
10879	Year-Round Residence	Non-Participating	338906.91	4749008.62	19	32	32
10880	Year-Round Residence	Non-Participating	338923.93	4749014.78	19	32	32
10881	Year-Round Residence	Non-Participating	338944.63	4749018.66	19	32	32
10882	Year-Round Residence	Non-Participating	338812.86	4748839.82	18	30	30
10883	Year-Round Residence	Non-Participating	338898.02	4748797.85	18	30	30
10884	Year-Round Residence	Non-Participating	338893.90	4748818.48	18	30	31
10885	Year-Round Residence	Non-Participating	338894.04	4748833.55	18	30	31
10886	Year-Round Residence	Non-Participating	338889.96	4748846.75	18	30	31
10887	Year-Round Residence	Non-Participating	338889.12	4748857.69	18	31	31
10888	Year-Round Residence	Non-Participating	338882.53	4748866.14	18	31	31
10889	Year-Round Residence	Non-Participating	338882.59	4748878.37	19	31	31
10890	Year-Round Residence	Non-Participating	338879.58	4748890.02	19	31	31
10891	Year-Round Residence	Non-Participating	338922.14	4748769.99	18	30	30
10892	Year-Round Residence	Non-Participating	338926.57	4748678.37	18	29	30
10893	Year-Round Residence	Non-Participating	338994.78	4748820.27	20	30	31
10894	Year-Round Residence	Non-Participating	339015.36	4748828.74	20	31	31
10895	Year-Round Residence	Non-Participating	339023.67	4748790.32	19	30	31
10896	Year-Round Residence	Non-Participating	339034.61	4748799.02	20	30	31
10897	Year-Round Residence	Non-Participating	339028.78	4748831.05	20	31	31
10899	Year-Round Residence	Non-Participating	339042.19	4748832.70	21	31	31
10900	Year-Round Residence	Non-Participating	339054.52	4748835.03	21	31	31
10901	Year-Round Residence	Non-Participating	339064.27	4748802.04	20	30	31
10902	Year-Round Residence	Non-Participating	339076.02	4748807.45	21	31	31
10903	Year-Round Residence	Non-Participating	339066.52	4748841.74	21	31	31
10904	Year-Round Residence	Non-Participating	339117.19	4748852.57	21	31	31
10905	Year-Round Residence	Non-Participating	339118.05	4748814.76	22	31	31
10906	Year-Round Residence	Non-Participating	339117.11	4748792.94	21	30	31
10907	Year-Round Residence	Non-Participating	339115.76	4748782.49	21	30	31

Table 19-7.1a: Cumulative Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Receptor ID

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM NAD83 Zone 18N (meters)		Trelina Project Only Maximum 1-hr Leq (dBA)	Zotos Project Only Maximum 1-hr Leq (dBA)	Cumulative Maximum 1-hr Leq (dBA)
			X (m)	Y (m)			
10908	Year-Round Residence	Non-Participating	339117.65	4748778.73	21	30	31
10909	Year-Round Residence	Non-Participating	339022.45	4748700.81	18	30	30
10910	Year-Round Residence	Non-Participating	339121.16	4748881.74	21	31	32
10911	Year-Round Residence	Non-Participating	339121.49	4748896.14	21	31	32
10912	Year-Round Residence	Non-Participating	339117.51	4748913.27	21	32	32
10913	Year-Round Residence	Non-Participating	339126.54	4748943.20	22	32	32
10914	Year-Round Residence	Non-Participating	338987.03	4748979.39	19	32	32
10915	Year-Round Residence	Non-Participating	338999.80	4748981.93	19	32	32
10916	Year-Round Residence	Non-Participating	339017.21	4748986.11	21	32	32
10917	Year-Round Residence	Non-Participating	339033.74	4748989.65	21	32	32
10918	Year-Round Residence	Non-Participating	339046.99	4748994.15	22	32	33
10919	Year-Round Residence	Non-Participating	339063.31	4748998.13	22	32	33
10920	Year-Round Residence	Non-Participating	339077.13	4748998.90	22	32	33
10921	Year-Round Residence	Non-Participating	338970.28	4749022.59	19	32	32
10922	Year-Round Residence	Non-Participating	338990.74	4749025.82	21	32	33
10923	Year-Round Residence	Non-Participating	339006.02	4749032.45	24	32	33
10924	Year-Round Residence	Non-Participating	338995.23	4749077.04	25	33	34
10925	Year-Round Residence	Non-Participating	339017.25	4749043.98	24	33	33
10926	Year-Round Residence	Non-Participating	339104.20	4749059.86	22	33	33
10927	Year-Round Residence	Non-Participating	339117.63	4749062.38	22	33	33
10928	Year-Round Residence	Non-Participating	339130.07	4749059.91	21	33	33
10929	Year-Round Residence	Non-Participating	339144.71	4749067.21	20	33	33
10930	Year-Round Residence	Non-Participating	339155.60	4749064.33	20	33	33
10931	Year-Round Residence	Non-Participating	339168.52	4749063.81	21	33	33
10932	Year-Round Residence	Non-Participating	339273.78	4749047.70	26	33	34
10933	Year-Round Residence	Non-Participating	339306.55	4749014.83	26	33	33
10934	Year-Round Residence	Non-Participating	339317.65	4748992.73	25	32	33
10935	Year-Round Residence	Non-Participating	339332.38	4749037.94	26	33	34
10936	Year-Round Residence	Non-Participating	339344.21	4749061.14	27	33	34
10937	Year-Round Residence	Non-Participating	339480.27	4749134.96	28	34	35
10939	Year-Round Residence	Non-Participating	339474.89	4749218.90	28	35	36
10940	Year-Round Residence	Non-Participating	339502.35	4749151.21	28	34	35
10941	Year-Round Residence	Non-Participating	339519.90	4749151.89	28	34	35
10942	Year-Round Residence	Non-Participating	339530.50	4749155.36	28	34	35
10943	Year-Round Residence	Non-Participating	339543.87	4749155.26	28	34	35
10944	Year-Round Residence	Non-Participating	339569.49	4749163.62	28	34	35
10945	Year-Round Residence	Non-Participating	339504.17	4749238.74	28	35	36
10946	Year-Round Residence	Non-Participating	339521.12	4749241.84	28	35	36
10947	Year-Round Residence	Non-Participating	339545.75	4749245.41	29	35	36
10948	Year-Round Residence	Non-Participating	339567.21	4749253.65	29	35	36
10949	Year-Round Residence	Non-Participating	339593.22	4749260.03	29	35	36
10950	Year-Round Residence	Non-Participating	339594.87	4749171.11	28	34	35
10952	Year-Round Residence	Non-Participating	339623.27	4749185.95	29	34	35
10953	Year-Round Residence	Non-Participating	339616.93	4749125.71	28	33	34
10954	Year-Round Residence	Non-Participating	339633.44	4749128.60	28	33	35
10955	Unknown	Non-Participating	339664.50	4749006.31	22	32	32
10956	Unknown	Non-Participating	339664.75	4749021.37	22	32	33
10957	Unknown	Non-Participating	339616.64	4749012.34	22	32	33
10958	Year-Round Residence	Non-Participating	339696.05	4749142.85	29	33	35
10959	Year-Round Residence	Non-Participating	339718.41	4749142.98	29	33	34
10960	Year-Round Residence	Non-Participating	339832.94	4749208.23	30	33	35
10961	Year-Round Residence	Non-Participating	339900.77	4749189.07	30	33	35
10962	Unknown	Non-Participating	339877.07	4749178.49	30	33	34
10963	Year-Round Residence	Non-Participating	339985.75	4749196.05	31	32	34
10965	Year-Round Residence	Non-Participating	339914.84	4749224.02	30	33	35
10966	Year-Round Residence	Non-Participating	339894.58	4749285.86	31	33	35
10967	Year-Round Residence	Non-Participating	339840.16	4749264.41	30	34	35
10968	Year-Round Residence	Non-Participating	339817.30	4749308.40	30	34	36
10969	Year-Round Residence	Non-Participating	339793.64	4749299.56	30	34	36
10970	Year-Round Residence	Non-Participating	339829.32	4749353.98	31	35	36
10971	Year-Round Residence	Non-Participating	339789.48	4749356.22	31	35	36

Table 19-7.1a: Cumulative Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Receptor ID

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM NAD83 Zone 18N (meters)		Trelina Project Only Maximum 1-hr Leq (dBA)	Zotos Project Only Maximum 1-hr Leq (dBA)	Cumulative Maximum 1-hr Leq (dBA)
			X (m)	Y (m)			
10972	Unknown	Non-Participating	339688.11	4749332.82	30	35	36
10973	Year-Round Residence	Non-Participating	339886.37	4749319.02	31	34	36
10974	Year-Round Residence	Non-Participating	339910.19	4749324.26	31	34	36
10975	Year-Round Residence	Non-Participating	339871.91	4749369.81	31	34	36
10976	Year-Round Residence	Non-Participating	339785.98	4749411.34	31	35	37
10977	Year-Round Residence	Non-Participating	339864.86	4749410.59	31	35	36
10978	Year-Round Residence	Non-Participating	339891.83	4749410.84	31	35	36
10979	Year-Round Residence	Non-Participating	339910.39	4749426.78	32	35	36
10980	Year-Round Residence	Non-Participating	339443.25	4749454.89	29	38	39
10981	Year-Round Residence	Non-Participating	339441.29	4749549.06	30	40	40
10982	Year-Round Residence	Non-Participating	339495.44	4749549.76	30	39	40
10983	Year-Round Residence	Non-Participating	339503.77	4749455.88	29	38	38
10984	Year-Round Residence	Non-Participating	339550.22	4749549.36	30	39	40
10985	Year-Round Residence	Non-Participating	339556.70	4749460.76	30	38	38
10986	Unknown	Non-Participating	338804.80	4750166.65	28	41	41
10987	Unknown	Non-Participating	338879.52	4750138.26	28	43	43
10988	Unknown	Non-Participating	338722.94	4750152.41	27	40	40
10989	Unknown	Non-Participating	339448.32	4749776.43	31	45	45
10990	Year-Round Residence	Non-Participating	339708.68	4749588.23	31	38	39
10991	Year-Round Residence	Non-Participating	339674.09	4749571.34	31	38	39
10992	Year-Round Residence	Non-Participating	339682.21	4749599.98	31	39	39
10993	Year-Round Residence	Non-Participating	339683.46	4749615.89	31	39	40
10994	Year-Round Residence	Non-Participating	339694.30	4749638.79	32	39	40
10995	Year-Round Residence	Non-Participating	339718.29	4749681.03	32	39	40
10996	Year-Round Residence	Non-Participating	339734.03	4749679.14	32	39	40
10997	Year-Round Residence	Non-Participating	339685.21	4749737.71	32	40	41
10998	Year-Round Residence	Non-Participating	339692.39	4750015.48	34	43	44
10999	Unknown	Non-Participating	339764.73	4749781.27	33	40	41
11201	Year-Round Residence	Non-Participating	339751.82	4750216.38	35	42	42
11202	Year-Round Residence	Non-Participating	339695.17	4750267.92	35	42	43
11203	Year-Round Residence	Non-Participating	339709.42	4750418.26	37	41	42
11204	Year-Round Residence	Non-Participating	339717.63	4750450.82	37	40	42
11205	Year-Round Residence	Non-Participating	339816.66	4750557.74	40	38	42
11206	Year-Round Residence	Non-Participating	339644.98	4751634.25	37	28	38
11207	Year-Round Residence	Non-Participating	339565.43	4751642.66	36	29	36
11208	Year-Round Residence	Non-Participating	339757.20	4752001.89	33	26	34
11209	Year-Round Residence	Non-Participating	339753.36	4752053.49	33	26	34
11210	Year-Round Residence	Non-Participating	339502.04	4752323.50	29	24	30
11211	Year-Round Residence	Non-Participating	339661.48	4752302.31	30	24	31
11212	Year-Round Residence	Non-Participating	339619.56	4752409.74	29	24	30
11213	Year-Round Residence	Non-Participating	339880.66	4752398.63	25	20	26
11214	Year-Round Residence	Non-Participating	339822.67	4752610.96	24	23	26
11215	Year-Round Residence	Non-Participating	339693.98	4752724.30	23	22	25
11216	Year-Round Residence	Non-Participating	339680.54	4752768.16	22	22	25
11217	Year-Round Residence	Non-Participating	339875.90	4752671.92	24	23	26
11218	Year-Round Residence	Non-Participating	339879.55	4752734.48	25	22	27
11219	Year-Round Residence	Non-Participating	339784.16	4752955.64	20	21	24
11220	Year-Round Residence	Non-Participating	340032.16	4752825.00	25	22	27
11221	Year-Round Residence	Non-Participating	340065.24	4752872.25	26	22	27
11222	Year-Round Residence	Non-Participating	339827.34	4753172.90	22	16	23
11223	Year-Round Residence	Non-Participating	339701.12	4753246.13	19	20	23
11225	Year-Round Residence	Non-Participating	339803.80	4753522.17	21	19	23
11601	Year-Round Residence	Non-Participating	339648.24	4750304.17	35	43	44
11602	Year-Round Residence	Non-Participating	339699.53	4750351.23	36	41	43
11603	Year-Round Residence	Non-Participating	339719.89	4750388.32	36	41	42
11604	Unknown	Non-Participating	339707.89	4750497.72	37	40	42
11605	Unknown	Non-Participating	339708.16	4750476.53	37	40	42
11606	Year-Round Residence	Non-Participating	339702.97	4750568.69	38	39	41
11607	Year-Round Residence	Non-Participating	339727.50	4750869.93	40	35	41
11608	Year-Round Residence	Non-Participating	339716.76	4750897.91	40	35	41
11609	Year-Round Residence	Participating	339749.33	4751326.39	41	31	42

Table 19-7.1a: Cumulative Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Receptor ID

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM NAD83 Zone 18N (meters)		Trelina Project Only Maximum 1-hr Leq (dBA)	Zotos Project Only Maximum 1-hr Leq (dBA)	Cumulative Maximum 1-hr Leq (dBA)
			X (m)	Y (m)			
11610	Year-Round Residence	Non-Participating	339673.12	4751769.39	35	27	36
11611	Year-Round Residence	Non-Participating	339758.86	4751866.72	35	27	35
11612	Year-Round Residence	Non-Participating	339743.86	4751899.81	34	27	35
11613	Year-Round Residence	Non-Participating	339754.62	4751956.97	34	26	34
11614	Year-Round Residence	Non-Participating	339758.02	4752187.42	32	25	33
11615	Year-Round Residence	Non-Participating	339565.44	4752196.72	31	25	32
11616	Year-Round Residence	Non-Participating	340090.32	4752238.98	33	24	34
11617	Year-Round Residence	Non-Participating	339746.76	4752303.08	31	24	32
11618	Year-Round Residence	Non-Participating	339748.48	4752437.73	24	24	27
11619	Year-Round Residence	Non-Participating	339749.47	4752461.61	24	24	27
11620	Year-Round Residence	Non-Participating	339766.72	4752487.29	24	23	27
11621	Year-Round Residence	Non-Participating	339768.19	4752526.77	23	23	26
11622	Year-Round Residence	Non-Participating	339692.97	4752542.17	23	23	26
11623	Year-Round Residence	Non-Participating	339693.91	4752605.57	22	23	26
11624	Year-Round Residence	Non-Participating	339758.07	4752710.90	23	22	26
11625	Year-Round Residence	Non-Participating	339755.55	4752734.32	23	22	26
11627	Year-Round Residence	Non-Participating	339866.50	4752785.43	25	22	27
11628	Year-Round Residence	Non-Participating	339681.13	4752849.78	22	22	25
11629	Year-Round Residence	Non-Participating	339694.93	4752905.77	20	22	24
11630	Year-Round Residence	Non-Participating	339689.25	4752944.10	20	22	24
11631	Year-Round Residence	Non-Participating	339767.39	4752885.09	24	22	26
11632	Year-Round Residence	Non-Participating	339831.22	4752869.63	24	22	26
11633	Year-Round Residence	Non-Participating	339882.11	4752872.59	25	22	26
11634	Year-Round Residence	Non-Participating	339968.51	4752876.25	24	22	26
11636	Year-Round Residence	Non-Participating	339700.37	4753315.86	21	20	24
11637	Year-Round Residence	Non-Participating	339705.75	4753381.97	20	20	23
11638	Year-Round Residence	Non-Participating	339772.28	4753379.54	21	20	24
12001	Year-Round Residence	Non-Participating	340107.89	4752309.78	32	24	33
12004	Unknown	Non-Participating	340238.90	4749357.18	33	32	35
12005	Year-Round Residence	Non-Participating	340098.98	4749221.53	31	32	34
12401	Year-Round Residence	Non-Participating	339754.07	4751624.26	40	28	40
12402	Year-Round Residence	Non-Participating	339742.08	4751711.43	37	28	38
12403	Unknown	Non-Participating	339991.73	4749346.11	32	33	36
12404	Unknown	Non-Participating	340108.32	4749270.01	32	32	35
12405	Year-Round Residence	Non-Participating	340203.67	4749199.67	32	31	34
12406	Year-Round Residence	Non-Participating	340293.01	4749252.41	33	31	35
12407	Year-Round Residence	Non-Participating	340060.43	4749213.26	31	32	34
12408	Year-Round Residence	Non-Participating	340405.87	4749150.48	32	29	34
12801	Year-Round Residence	Non-Participating	340371.31	4752095.61	36	24	36
12802	Year-Round Residence	Non-Participating	340376.69	4752015.80	38	25	38
12803	Year-Round Residence	Non-Participating	342510.58	4753214.07	23	16	24
12804	Year-Round Residence	Non-Participating	343414.45	4753313.87	20	14	21
12805	Year-Round Residence	Non-Participating	343436.25	4753210.96	20	15	21
12807	Year-Round Residence	Non-Participating	343048.65	4753512.86	20	15	21
12808	Year-Round Residence	Non-Participating	343456.06	4753164.35	20	15	21
12809	Year-Round Residence	Non-Participating	343524.23	4753175.89	20	14	21
12810	Year-Round Residence	Non-Participating	343582.92	4753137.01	20	14	21
12811	Year-Round Residence	Non-Participating	343526.44	4753128.70	20	14	21
12812	Year-Round Residence	Non-Participating	343564.11	4753071.09	21	14	22
12813	Year-Round Residence	Non-Participating	343471.99	4752998.33	21	15	22
12814	Year-Round Residence	Non-Participating	343524.72	4753005.42	21	15	22
12815	Year-Round Residence	Non-Participating	343523.46	4752921.42	21	15	22
12816	Year-Round Residence	Non-Participating	343425.03	4752879.35	22	15	23
12817	Year-Round Residence	Non-Participating	343530.87	4752881.09	21	15	22
12818	Year-Round Residence	Non-Participating	343486.97	4752848.47	22	15	23
12819	Year-Round Residence	Non-Participating	343475.08	4752652.96	22	15	23
12820	Year-Round Residence	Non-Participating	343168.37	4752489.05	24	16	25
13201	Year-Round Residence	Non-Participating	340522.93	4752029.65	35	24	35
13202	Unknown	Non-Participating	340470.15	4752002.28	36	24	36
13203	Year-Round Residence	Non-Participating	343435.83	4753269.24	20	14	21
13204	Year-Round Residence	Non-Participating	343508.81	4753213.45	20	14	21

Table 19-7.1a: Cumulative Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Receptor ID

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM NAD83 Zone 18N (meters)		Trelina Project Only Maximum 1-hr Leq (dBA)	Zotos Project Only Maximum 1-hr Leq (dBA)	Cumulative Maximum 1-hr Leq (dBA)
			X (m)	Y (m)			
13206	Year-Round Residence	Non-Participating	343472.13	4753071.66	21	15	22
13207	Year-Round Residence	Non-Participating	343542.19	4752955.04	21	15	22
13208	Year-Round Residence	Non-Participating	343468.11	4752962.84	21	15	22
13209	Year-Round Residence	Non-Participating	343220.36	4752924.40	22	15	23
13210	Year-Round Residence	Non-Participating	343386.34	4752921.49	22	15	22
13211	Year-Round Residence	Non-Participating	343395.40	4752771.55	22	15	23
13212	Year-Round Residence	Non-Participating	343477.23	4752786.27	22	15	23
13213	Year-Round Residence	Non-Participating	343543.96	4752782.79	22	15	23
13214	Year-Round Residence	Non-Participating	343560.54	4752693.14	22	15	23
13215	Year-Round Residence	Non-Participating	344073.26	4752707.67	19	14	20
13216	Year-Round Residence	Non-Participating	343999.24	4752727.68	19	14	21
13217	Year-Round Residence	Non-Participating	340897.79	4751291.83	39	26	39
13218	Year-Round Residence	Non-Participating	340901.80	4751162.49	39	26	39
13219	Year-Round Residence	Non-Participating	341338.13	4750503.89	40	25	40
13220	Year-Round Residence	Non-Participating	341515.09	4750195.42	39	24	39
13221	Year-Round Residence	Non-Participating	341561.71	4749974.24	38	24	38
13222	Year-Round Residence	Non-Participating	341562.73	4749818.96	37	24	37
13224	Year-Round Residence	Non-Participating	341564.00	4749769.36	37	24	37
13225	Year-Round Residence	Non-Participating	341567.39	4749735.65	36	24	37
13226	Year-Round Residence	Non-Participating	341410.85	4749596.43	37	25	37
13227	Year-Round Residence	Non-Participating	341503.99	4749567.64	36	24	36
13228	Year-Round Residence	Non-Participating	341332.97	4749545.82	37	25	37
13229	Year-Round Residence	Non-Participating	341296.44	4749520.45	37	25	37
13230	Year-Round Residence	Non-Participating	341244.15	4749514.67	37	25	37
13231	Year-Round Residence	Non-Participating	341066.54	4749479.48	37	26	38
13232	Year-Round Residence	Non-Participating	340754.69	4749471.20	39	28	39
13233	Year-Round Residence	Non-Participating	340650.03	4749428.20	38	29	38
13234	Year-Round Residence	Non-Participating	340590.12	4749396.83	36	29	37
13235	Unknown	Non-Participating	340560.28	4748664.50	23	26	28
13236	Unknown	Non-Participating	340158.40	4749179.10	31	31	34
13238	Year-Round Residence	Non-Participating	340935.46	4749379.53	36	27	37
13239	Year-Round Residence	Non-Participating	340972.45	4749386.98	36	27	37
13240	Year-Round Residence	Non-Participating	341006.40	4749395.36	36	27	37
13241	Year-Round Residence	Non-Participating	341031.23	4749407.89	36	26	37
13243	Year-Round Residence	Non-Participating	341953.61	4748221.23	24	20	25
13244	Seasonal Residence	Non-Participating	341694.46	4748104.88	20	21	23
13245	Year-Round Residence	Non-Participating	342206.46	4748313.61	25	20	26
13246	Year-Round Residence	Non-Participating	342433.52	4748524.49	25	19	26
13247	Year-Round Residence	Non-Participating	342561.55	4748582.92	25	19	26
13248	Year-Round Residence	Non-Participating	342664.92	4748799.39	26	19	27
13249	Year-Round Residence	Non-Participating	342670.71	4748707.53	25	19	26
13250	Year-Round Residence	Non-Participating	342758.83	4748679.09	25	18	26
13253	Unknown	Non-Participating	343246.83	4749264.04	26	18	27
13254	Year-Round Residence	Non-Participating	343674.13	4749549.77	25	17	26
13255	Year-Round Residence	Non-Participating	343741.71	4749524.43	25	16	25
13256	Year-Round Residence	Non-Participating	343860.42	4749627.20	25	16	25
13257	Year-Round Residence	Non-Participating	343940.65	4749864.95	25	16	25
13258	Year-Round Residence	Non-Participating	344651.87	4751057.23	17	14	19
13259	Year-Round Residence	Non-Participating	344541.43	4751190.41	18	14	19
13260	Year-Round Residence	Non-Participating	344532.60	4751192.47	18	14	19
13261	Year-Round Residence	Non-Participating	344513.75	4751182.31	18	14	19
13262	Year-Round Residence	Non-Participating	344506.86	4751178.10	18	14	19
13263	Year-Round Residence	Non-Participating	344502.56	4751172.30	18	14	19
13264	Year-Round Residence	Non-Participating	344479.27	4751256.44	18	14	19
13265	Year-Round Residence	Non-Participating	344477.58	4751268.81	18	14	19
13266	Year-Round Residence	Non-Participating	344451.28	4751268.32	18	14	20
13267	Year-Round Residence	Non-Participating	344450.34	4751255.79	18	14	20
13268	Year-Round Residence	Non-Participating	344450.05	4751243.24	18	14	20
13269	Year-Round Residence	Non-Participating	344422.57	4751271.20	18	14	20
13270	Year-Round Residence	Non-Participating	344386.74	4751304.54	18	14	20
13271	Year-Round Residence	Non-Participating	344470.33	4751338.45	18	14	20

Table 19-7.1a: Cumulative Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Receptor ID

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM NAD83 Zone 18N (meters)		Trelina Project Only Maximum 1-hr Leq (dBA)	Zotos Project Only Maximum 1-hr Leq (dBA)	Cumulative Maximum 1-hr Leq (dBA)
			X (m)	Y (m)			
13272	Year-Round Residence	Non-Participating	344452.92	4751140.61	18	14	20
13273	Year-Round Residence	Non-Participating	344494.90	4751088.35	18	14	19
13274	Year-Round Residence	Non-Participating	344494.96	4751071.76	18	14	19
13275	Year-Round Residence	Non-Participating	344540.57	4751082.74	17	14	19
13276	Year-Round Residence	Non-Participating	344565.10	4751062.97	17	14	19
13277	Year-Round Residence	Non-Participating	344556.03	4751029.99	17	14	19
13278	Year-Round Residence	Non-Participating	344544.78	4751026.97	17	14	19
13279	Year-Round Residence	Non-Participating	344532.75	4751027.68	18	14	19
13280	Year-Round Residence	Non-Participating	344499.60	4751024.72	18	14	19
13281	Year-Round Residence	Non-Participating	344498.90	4751042.42	18	14	19
13282	Year-Round Residence	Non-Participating	344495.34	4751049.48	18	14	19
13283	Year-Round Residence	Non-Participating	344351.45	4751004.27	18	15	20
13284	Year-Round Residence	Non-Participating	344316.94	4751008.99	19	15	20
13285	Year-Round Residence	Non-Participating	344335.81	4750971.44	19	15	20
13286	Year-Round Residence	Non-Participating	344275.19	4751013.64	19	15	20
13287	Year-Round Residence	Non-Participating	344027.17	4750871.04	20	16	21
13288	Year-Round Residence	Non-Participating	343996.53	4750892.26	20	16	22
13289	Year-Round Residence	Non-Participating	343978.88	4750905.97	20	16	22
13290	Year-Round Residence	Non-Participating	343799.92	4750869.87	22	16	23
13291	Year-Round Residence	Non-Participating	343744.45	4750839.69	22	16	23
13292	Year-Round Residence	Non-Participating	343710.03	4750829.12	23	16	24
13293	Year-Round Residence	Non-Participating	344211.21	4751082.89	19	15	20
13294	Year-Round Residence	Non-Participating	344243.12	4751108.15	19	15	20
13295	Year-Round Residence	Non-Participating	344245.78	4751138.87	18	15	20
13296	Year-Round Residence	Non-Participating	343811.72	4750944.22	22	16	23
13297	Year-Round Residence	Non-Participating	343755.92	4750923.55	22	16	23
13298	Year-Round Residence	Non-Participating	343714.95	4750914.00	23	16	23
13299	Year-Round Residence	Non-Participating	343605.16	4750865.63	24	17	24
13300	Year-Round Residence	Non-Participating	343661.58	4750899.28	23	16	24
13301	Year-Round Residence	Non-Participating	343651.76	4750871.99	23	16	24
13302	Year-Round Residence	Non-Participating	343572.54	4750856.99	24	12	24
13303	Year-Round Residence	Non-Participating	343462.73	4750826.96	28	17	28
13304	Year-Round Residence	Non-Participating	343438.36	4750805.68	28	17	28
13305	Year-Round Residence	Non-Participating	343421.31	4750797.99	26	17	26
13306	Year-Round Residence	Non-Participating	343664.02	4750813.86	23	16	24
13307	Year-Round Residence	Non-Participating	343623.77	4750691.42	26	17	26
13308	Year-Round Residence	Non-Participating	343552.65	4750666.83	24	17	25
13309	Year-Round Residence	Non-Participating	343444.57	4750741.56	25	17	26
13310	Year-Round Residence	Non-Participating	343430.45	4750564.16	30	17	30
13311	Year-Round Residence	Non-Participating	343373.39	4750685.33	26	17	26
13312	Year-Round Residence	Non-Participating	343253.51	4750646.14	27	18	28
13313	Year-Round Residence	Non-Participating	343236.59	4750605.92	32	18	33
13314	Year-Round Residence	Non-Participating	343199.90	4750601.51	33	18	34
13315	Year-Round Residence	Non-Participating	343163.80	4750565.44	33	18	33
13316	Year-Round Residence	Non-Participating	343145.65	4750548.17	34	18	34
13317	Year-Round Residence	Non-Participating	343129.74	4750522.98	34	18	34
13318	Year-Round Residence	Non-Participating	343248.60	4750824.85	31	18	31
13601	Year-Round Residence	Non-Participating	340631.53	4751904.21	35	24	35
13602	Year-Round Residence	Non-Participating	340705.11	4751864.96	35	24	36
13603	Year-Round Residence	Non-Participating	340761.56	4751842.69	35	24	36
13604	Year-Round Residence	Non-Participating	340774.82	4751961.14	34	24	35
13605	Year-Round Residence	Non-Participating	340853.40	4751796.90	36	24	36
13606	Year-Round Residence	Non-Participating	340879.50	4751713.34	37	24	37
13607	Year-Round Residence	Non-Participating	340887.44	4751639.80	39	24	39
13608	Year-Round Residence	Participating	341145.20	4751795.39	40	23	40
13609	Seasonal Residence	Participating	340317.74	4751355.24	41	28	41
13610	Year-Round Residence	Non-Participating	340906.68	4751108.24	40	26	40
13611	Year-Round Residence	Non-Participating	340905.97	4751077.69	40	26	40
13612	Year-Round Residence	Participating	340973.90	4751110.38	40	26	40
13613	Year-Round Residence	Participating	340858.87	4750987.73	41	27	42
13614	Year-Round Residence	Non-Participating	341221.69	4750708.76	40	25	41

Table 19-7.1a: Cumulative Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Receptor ID

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM NAD83 Zone 18N (meters)		Trelina Project Only Maximum 1-hr Leq (dBA)	Zotos Project Only Maximum 1-hr Leq (dBA)	Cumulative Maximum 1-hr Leq (dBA)
			X (m)	Y (m)			
13615	Year-Round Residence	Participating	341252.48	4750675.95	40	25	40
13616	Year-Round Residence	Non-Participating	341283.73	4750615.19	40	25	40
13617	Year-Round Residence	Non-Participating	341484.11	4750030.18	39	25	39
13618	Year-Round Residence	Non-Participating	341418.53	4749885.61	40	25	40
13619	Year-Round Residence	Non-Participating	341555.04	4749875.04	38	24	38
13620	Year-Round Residence	Non-Participating	341470.49	4749692.45	37	24	37
13621	Year-Round Residence	Non-Participating	341034.36	4749471.49	37	27	38
13622	Year-Round Residence	Non-Participating	341001.81	4749466.79	37	27	38
13623	Year-Round Residence	Non-Participating	340958.45	4749458.83	37	27	38
13624	Year-Round Residence	Non-Participating	340861.80	4749525.06	39	28	39
13625	Year-Round Residence	Non-Participating	340838.77	4749122.77	33	27	34
13626	Year-Round Residence	Non-Participating	340615.01	4749322.31	35	29	36
13627	Year-Round Residence	Non-Participating	340793.76	4749355.73	36	28	37
13628	Unknown	Non-Participating	340686.00	4749339.89	36	28	37
13629	Year-Round Residence	Non-Participating	340835.99	4749362.18	36	27	37
13630	Year-Round Residence	Non-Participating	340770.40	4749350.16	36	28	37
13631	Year-Round Residence	Non-Participating	341134.81	4748600.17	23	24	26
13632	Year-Round Residence	Non-Participating	342258.49	4748364.84	25	20	26
13633	Year-Round Residence	Non-Participating	342157.74	4748387.68	25	20	26
13634	Year-Round Residence	Non-Participating	342220.22	4748435.61	25	20	26
13635	Year-Round Residence	Non-Participating	342271.22	4748461.09	25	20	26
13636	Seasonal Residence	Non-Participating	341925.72	4748592.64	23	21	25
13637	Year-Round Residence	Non-Participating	342658.88	4748631.37	25	19	26
13638	Year-Round Residence	Non-Participating	342605.85	4748660.75	25	19	26
13639	Year-Round Residence	Non-Participating	342568.21	4748730.19	26	19	27
13640	Year-Round Residence	Non-Participating	342699.14	4748819.58	26	19	27
13641	Year-Round Residence	Non-Participating	342780.66	4748809.41	25	19	26
13642	Year-Round Residence	Non-Participating	342741.98	4748536.97	24	18	25
13643	Year-Round Residence	Non-Participating	342877.80	4749011.50	26	18	27
13644	Year-Round Residence	Non-Participating	343373.16	4749258.32	25	17	26
13645	Year-Round Residence	Non-Participating	343692.26	4749489.30	25	16	25
13646	Year-Round Residence	Non-Participating	343798.65	4749551.30	25	16	25
13647	Year-Round Residence	Non-Participating	344087.35	4749482.75	21	10	21
13648	Year-Round Residence	Non-Participating	344044.24	4749796.00	24	16	25
13649	Year-Round Residence	Non-Participating	344412.31	4750294.90	23	15	24
13650	Year-Round Residence	Non-Participating	344573.73	4751196.54	18	14	19
13651	Year-Round Residence	Non-Participating	344486.23	4751147.78	18	14	20
13652	Year-Round Residence	Non-Participating	344481.91	4751160.10	18	14	20
13653	Year-Round Residence	Non-Participating	344452.79	4751170.59	18	14	20
13654	Year-Round Residence	Non-Participating	344483.53	4751173.60	18	14	20
13655	Year-Round Residence	Non-Participating	344453.92	4751181.70	18	14	20
13656	Year-Round Residence	Non-Participating	344478.31	4751185.07	18	14	20
13657	Year-Round Residence	Non-Participating	344481.44	4751197.23	18	14	20
13658	Year-Round Residence	Non-Participating	344452.24	4751194.83	18	14	20
13659	Year-Round Residence	Non-Participating	344454.87	4751204.38	18	14	20
13660	Year-Round Residence	Non-Participating	344482.27	4751214.68	18	14	20
13661	Year-Round Residence	Non-Participating	344455.15	4751216.82	18	14	20
13662	Year-Round Residence	Non-Participating	344481.12	4751231.73	18	14	20
13663	Year-Round Residence	Non-Participating	344451.27	4751229.46	18	14	20
13664	Year-Round Residence	Non-Participating	344428.78	4751228.00	18	14	20
13665	Year-Round Residence	Non-Participating	344426.02	4751241.49	18	14	20
13666	Year-Round Residence	Non-Participating	344425.64	4751253.73	18	14	20
13667	Year-Round Residence	Non-Participating	344449.67	4751287.17	18	14	19
13668	Year-Round Residence	Non-Participating	344447.18	4751322.60	18	14	20
13669	Year-Round Residence	Non-Participating	344431.73	4751317.71	18	14	20
13670	Year-Round Residence	Non-Participating	344407.39	4751306.91	18	14	20
13671	Year-Round Residence	Non-Participating	344378.61	4751255.38	19	14	20
13672	Year-Round Residence	Non-Participating	344380.71	4751222.15	19	14	20
13673	Year-Round Residence	Non-Participating	344379.41	4751194.02	19	14	20
13674	Year-Round Residence	Non-Participating	344379.19	4751145.34	18	15	19
13675	Year-Round Residence	Non-Participating	344387.96	4751106.93	18	15	20

Table 19-7.1a: Cumulative Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Receptor ID

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM NAD83 Zone 18N (meters)		Trelina Project Only Maximum 1-hr Leq (dBA)	Zotos Project Only Maximum 1-hr Leq (dBA)	Cumulative Maximum 1-hr Leq (dBA)
			X (m)	Y (m)			
13676	Year-Round Residence	Non-Participating	344494.69	4751059.54	18	14	19
13677	Year-Round Residence	Non-Participating	344534.29	4751066.72	18	14	19
13678	Year-Round Residence	Non-Participating	344467.54	4751050.77	18	14	19
13679	Year-Round Residence	Non-Participating	344473.47	4751031.86	18	14	19
13680	Year-Round Residence	Non-Participating	344465.88	4751025.92	18	14	20
13681	Year-Round Residence	Non-Participating	344456.83	4751022.85	18	14	20
13682	Year-Round Residence	Non-Participating	344446.90	4751019.80	18	14	20
13683	Year-Round Residence	Non-Participating	344425.97	4751014.59	18	14	20
13684	Year-Round Residence	Non-Participating	344448.92	4751050.97	18	14	20
13685	Year-Round Residence	Non-Participating	344433.53	4751048.92	18	14	20
13686	Year-Round Residence	Non-Participating	344416.03	4751049.97	18	14	20
13687	Year-Round Residence	Non-Participating	344405.20	4751046.07	18	14	20
13688	Year-Round Residence	Non-Participating	344249.11	4751003.76	19	15	21
13689	Year-Round Residence	Non-Participating	344219.96	4750993.50	19	15	21
13690	Year-Round Residence	Non-Participating	344144.25	4750969.24	20	15	21
13691	Year-Round Residence	Non-Participating	344192.76	4750982.55	19	15	21
13692	Year-Round Residence	Non-Participating	344121.45	4750901.20	19	15	21
13693	Year-Round Residence	Non-Participating	344102.03	4750962.34	20	15	21
13694	Year-Round Residence	Non-Participating	344078.91	4750899.55	20	15	21
13695	Year-Round Residence	Non-Participating	343950.54	4750902.69	21	16	22
13696	Year-Round Residence	Non-Participating	343914.99	4750900.66	21	16	22
13697	Year-Round Residence	Non-Participating	343837.53	4750876.22	22	16	23
13698	Year-Round Residence	Non-Participating	344308.37	4751077.53	19	15	20
13699	Year-Round Residence	Non-Participating	344265.17	4751065.95	19	15	20
13700	Year-Round Residence	Non-Participating	344245.41	4751083.86	19	15	20
13701	Year-Round Residence	Non-Participating	344133.40	4751023.96	20	15	21
13702	Year-Round Residence	Non-Participating	343915.11	4750973.03	21	16	22
13703	Year-Round Residence	Non-Participating	343685.37	4750885.20	23	16	24
13704	Year-Round Residence	Non-Participating	343628.81	4750874.48	23	17	24
13705	Year-Round Residence	Non-Participating	343523.97	4750841.06	24	12	25
13706	Year-Round Residence	Non-Participating	343403.79	4750788.78	26	17	26
13707	Year-Round Residence	Non-Participating	343613.60	4750774.18	23	17	24
13708	Year-Round Residence	Non-Participating	343486.21	4750761.14	26	17	26
13709	Year-Round Residence	Non-Participating	343527.68	4750782.90	24	17	25
13710	Year-Round Residence	Non-Participating	343342.96	4750676.85	26	17	27
13711	Year-Round Residence	Non-Participating	343311.35	4750674.52	27	18	27
13712	Year-Round Residence	Non-Participating	343371.21	4750570.53	30	17	30
13713	Year-Round Residence	Non-Participating	343035.54	4750476.23	31	18	31
13714	Year-Round Residence	Non-Participating	343340.52	4750771.88	26	17	27
13715	Year-Round Residence	Non-Participating	343256.18	4750859.39	33	18	33
13716	Year-Round Residence	Non-Participating	343301.94	4751021.22	32	17	32
13717	Year-Round Residence	Non-Participating	343308.63	4751083.73	32	17	32
13718	Year-Round Residence	Non-Participating	343316.62	4751107.56	31	17	32
13719	Year-Round Residence	Non-Participating	343365.67	4751144.65	31	17	31
13720	Year-Round Residence	Non-Participating	343357.06	4751179.99	31	17	31
14001	Year-Round Residence	Non-Participating	344163.43	4751314.78	20	15	21
14002	Year-Round Residence	Non-Participating	344493.90	4751433.91	18	14	19
14003	Year-Round Residence	Non-Participating	344551.04	4751461.00	17	14	19
14004	Year-Round Residence	Non-Participating	344501.46	4751458.19	18	14	19
14005	Year-Round Residence	Non-Participating	344543.11	4751478.21	17	14	19
14006	Year-Round Residence	Non-Participating	344501.42	4751475.66	17	14	19
14007	Year-Round Residence	Non-Participating	344498.72	4751491.87	17	14	19
14008	Year-Round Residence	Non-Participating	344539.13	4751496.20	17	14	19
14009	Year-Round Residence	Non-Participating	344500.00	4751509.74	17	14	19
14010	Year-Round Residence	Non-Participating	344537.75	4751512.82	17	14	19
14011	Year-Round Residence	Non-Participating	344531.45	4751563.61	17	14	19
14012	Year-Round Residence	Non-Participating	344509.96	4751562.35	18	14	19
14401	Year-Round Residence	Non-Participating	344495.50	4751562.68	18	14	19
14402	Year-Round Residence	Non-Participating	344460.39	4751559.98	18	14	19
14801	Year-Round Residence	Non-Participating	344479.23	4751559.99	18	14	19
14802	Year-Round Residence	Non-Participating	344368.22	4751843.67	19	14	20

Table 19-7.1a: Cumulative Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Receptor ID

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM NAD83 Zone 18N (meters)		Trelina Project Only Maximum 1-hr Leq (dBA)	Zotos Project Only Maximum 1-hr Leq (dBA)	Cumulative Maximum 1-hr Leq (dBA)
			X (m)	Y (m)			
14803	Year-Round Residence	Non-Participating	344356.49	4751867.52	19	14	20
14804	Year-Round Residence	Non-Participating	344363.50	4751712.80	18	14	20
14805	Year-Round Residence	Non-Participating	344425.58	4751512.31	18	14	19
14806	Year-Round Residence	Non-Participating	344313.40	4751473.81	18	14	20
14807	Unknown	Non-Participating	344211.78	4751185.75	19	15	21
14808	Year-Round Residence	Non-Participating	342977.20	4750557.74	37	19	37
14809	Year-Round Residence	Non-Participating	343131.92	4750865.55	35	18	35
14810	Year-Round Residence	Non-Participating	343359.95	4751256.39	30	17	31
14811	Year-Round Residence	Non-Participating	343275.90	4751260.05	26	17	27
14812	Year-Round Residence	Non-Participating	343291.16	4751295.07	26	17	27
14813	Year-Round Residence	Non-Participating	343308.29	4751373.71	28	17	29
14814	Year-Round Residence	Non-Participating	343379.21	4751370.79	26	17	27
14815	Year-Round Residence	Non-Participating	343475.11	4751425.36	25	17	26
14816	Year-Round Residence	Non-Participating	343333.02	4751420.31	29	17	29
14818	Year-Round Residence	Non-Participating	341726.87	4749616.43	34	23	35
14819	Year-Round Residence	Non-Participating	341811.97	4749543.29	33	23	34
14820	Year-Round Residence	Non-Participating	341869.30	4749558.13	33	23	33
14821	Year-Round Residence	Non-Participating	341883.25	4749535.97	33	22	33
14822	Year-Round Residence	Non-Participating	341884.18	4749518.91	33	22	33
14823	Year-Round Residence	Non-Participating	341891.12	4749496.92	33	22	33
14824	Year-Round Residence	Non-Participating	341900.30	4749476.61	32	22	33
14825	Year-Round Residence	Non-Participating	341903.77	4749456.01	32	22	33
14826	Year-Round Residence	Non-Participating	341906.73	4749432.35	32	22	32
14827	Year-Round Residence	Non-Participating	341856.97	4749422.14	32	22	33
14828	Year-Round Residence	Non-Participating	341926.09	4749397.40	32	22	32
14829	Year-Round Residence	Non-Participating	341866.11	4749400.53	32	22	32
14830	Year-Round Residence	Non-Participating	341876.71	4749365.78	32	22	32
14831	Year-Round Residence	Non-Participating	341929.06	4749374.19	32	22	32
14832	Year-Round Residence	Non-Participating	341885.17	4749333.27	31	22	32
14833	Year-Round Residence	Non-Participating	341932.96	4749353.13	31	22	32
14834	Year-Round Residence	Non-Participating	341894.20	4749306.85	31	22	32
14835	Year-Round Residence	Non-Participating	341958.25	4749270.88	31	22	31
14836	Year-Round Residence	Non-Participating	341321.71	4749012.12	31	24	32
14837	Year-Round Residence	Non-Participating	341331.67	4749006.87	31	24	32
14838	Year-Round Residence	Non-Participating	341398.40	4749001.40	31	24	32
14839	Year-Round Residence	Non-Participating	341407.83	4748954.00	30	24	31
14840	Year-Round Residence	Non-Participating	341425.99	4748952.93	30	23	31
14841	Year-Round Residence	Non-Participating	341428.66	4748992.62	31	24	31
14842	Year-Round Residence	Non-Participating	341446.02	4749004.01	31	23	31
14843	Year-Round Residence	Non-Participating	341443.10	4748962.80	30	23	31
14844	Year-Round Residence	Non-Participating	341465.22	4749009.68	30	23	31
14845	Year-Round Residence	Non-Participating	341486.52	4748982.98	30	23	31
14846	Year-Round Residence	Non-Participating	341496.72	4749025.99	30	23	31
14847	Year-Round Residence	Non-Participating	341514.20	4749033.01	30	23	31
14848	Year-Round Residence	Non-Participating	341517.49	4749004.76	30	23	31
14849	Year-Round Residence	Non-Participating	341562.17	4748965.30	29	23	30
14850	Year-Round Residence	Non-Participating	341596.94	4748961.87	29	23	30
14851	Year-Round Residence	Non-Participating	341636.08	4748967.09	29	23	30
14852	Year-Round Residence	Non-Participating	341640.14	4748953.24	29	23	30
14853	Year-Round Residence	Non-Participating	341640.00	4748937.51	29	23	30
14854	Year-Round Residence	Non-Participating	341644.02	4748921.48	29	23	30
14855	Year-Round Residence	Non-Participating	341600.16	4748949.35	29	23	30
14856	Year-Round Residence	Non-Participating	341604.17	4748932.88	29	23	30
14857	Year-Round Residence	Non-Participating	341567.72	4748949.01	29	23	30
14858	Year-Round Residence	Non-Participating	341535.56	4748932.93	29	23	30
14859	Year-Round Residence	Non-Participating	341538.44	4748914.96	29	23	30
14860	Year-Round Residence	Non-Participating	341541.27	4748895.02	29	23	30
14861	Year-Round Residence	Non-Participating	341569.35	4748934.34	29	23	30
14862	Year-Round Residence	Non-Participating	341572.93	4748918.31	29	23	30
14863	Year-Round Residence	Non-Participating	341787.50	4748870.35	23	22	26
14864	Year-Round Residence	Non-Participating	341766.86	4749211.73	31	23	32

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Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM NAD83 Zone 18N (meters)		Trelina Project Only Maximum 1-hr Leq (dBA)	Zotos Project Only Maximum 1-hr Leq (dBA)	Cumulative Maximum 1-hr Leq (dBA)
			X (m)	Y (m)			
14865	Year-Round Residence	Non-Participating	341744.63	4749245.44	31	23	32
14866	Year-Round Residence	Non-Participating	341689.47	4749239.06	32	23	32
14867	Year-Round Residence	Non-Participating	341723.83	4749293.96	32	23	32
14868	Year-Round Residence	Non-Participating	341685.04	4749294.20	32	23	33
14869	Year-Round Residence	Non-Participating	341613.68	4749326.85	33	23	33
14870	Year-Round Residence	Non-Participating	341617.83	4749307.10	33	23	33
14871	Year-Round Residence	Non-Participating	341568.78	4749271.11	32	23	33
14872	Year-Round Residence	Non-Participating	341585.84	4749240.80	32	23	33
14873	Year-Round Residence	Non-Participating	341577.40	4749254.97	32	23	33
14874	Year-Round Residence	Non-Participating	341585.00	4749223.56	32	23	33
14875	Year-Round Residence	Non-Participating	341604.96	4749176.37	32	23	32
14876	Year-Round Residence	Non-Participating	341615.66	4749165.42	31	23	32
14877	Year-Round Residence	Non-Participating	341651.97	4749181.18	31	23	32
14878	Year-Round Residence	Non-Participating	341676.85	4749166.85	31	23	32
14879	Year-Round Residence	Non-Participating	341684.93	4749146.79	31	23	32
14880	Year-Round Residence	Non-Participating	341740.98	4748753.70	23	22	25
14881	Year-Round Residence	Non-Participating	341696.08	4748536.33	22	22	25
14882	Year-Round Residence	Non-Participating	341415.39	4749462.26	35	24	35
14883	Year-Round Residence	Non-Participating	341510.02	4749403.30	34	24	34
14884	Year-Round Residence	Non-Participating	341392.56	4749280.44	33	24	34
14885	Year-Round Residence	Non-Participating	341438.67	4749283.96	33	24	34
14886	Year-Round Residence	Non-Participating	341417.27	4749277.68	33	24	34
14887	Year-Round Residence	Non-Participating	341438.55	4749345.33	34	24	34
14888	Year-Round Residence	Non-Participating	341513.11	4749270.89	33	24	33
14889	Year-Round Residence	Non-Participating	341529.20	4749293.88	33	24	33
14890	Year-Round Residence	Non-Participating	341484.78	4749296.87	33	24	34
14891	Year-Round Residence	Non-Participating	341502.14	4749317.87	33	24	34
14892	Year-Round Residence	Non-Participating	341462.34	4749293.46	33	24	34
14893	Year-Round Residence	Non-Participating	341725.08	4749424.55	33	23	33
14894	Year-Round Residence	Non-Participating	341646.26	4749408.89	33	23	34
14895	Year-Round Residence	Non-Participating	341674.80	4749411.29	33	23	33
14896	Unknown	Non-Participating	341560.85	4749582.94	35	24	36
14897	Unknown	Non-Participating	341592.33	4749598.38	35	24	35
14898	Unknown	Non-Participating	341621.55	4749611.24	35	24	35
14899	Unknown	Non-Participating	341664.24	4749599.78	35	23	35
14900	Year-Round Residence	Non-Participating	341686.03	4749613.25	35	23	35
14901	Year-Round Residence	Non-Participating	341326.27	4749466.06	36	25	36
14902	Year-Round Residence	Non-Participating	341277.41	4749286.37	34	25	34
14903	Year-Round Residence	Non-Participating	341235.54	4749200.42	33	25	34
14904	Year-Round Residence	Non-Participating	341008.81	4749328.83	35	26	36
14905	Year-Round Residence	Non-Participating	338716.67	4748997.70	18	31	31
14906	Year-Round Residence	Non-Participating	338551.44	4749129.99	19	31	32
14907	Year-Round Residence	Non-Participating	338549.25	4749111.70	19	31	31
14908	Year-Round Residence	Non-Participating	338547.21	4749099.52	19	31	31
14909	Year-Round Residence	Non-Participating	338547.81	4749068.93	18	29	29
14910	Year-Round Residence	Non-Participating	338543.21	4749041.08	18	26	27
14911	Year-Round Residence	Non-Participating	338490.43	4749145.40	18	27	27
14912	Year-Round Residence	Non-Participating	338482.31	4749284.93	24	32	33
14913	Year-Round Residence	Non-Participating	338560.88	4749158.60	19	27	28
14914	Year-Round Residence	Non-Participating	338502.61	4749141.62	18	27	27
14915	Year-Round Residence	Non-Participating	338516.22	4749142.18	18	27	27
14916	Year-Round Residence	Non-Participating	338514.14	4749128.68	18	27	27
14917	Year-Round Residence	Non-Participating	338512.85	4749110.81	18	27	27
14918	Year-Round Residence	Non-Participating	338514.35	4749081.51	19	31	31
14919	Year-Round Residence	Non-Participating	338513.64	4749069.73	19	31	31
14920	Year-Round Residence	Non-Participating	338514.61	4749055.29	19	31	31
14921	Year-Round Residence	Non-Participating	338542.81	4749024.05	18	26	27
14922	Year-Round Residence	Non-Participating	338544.10	4749004.37	18	30	31
15201	Year-Round Residence	Non-Participating	344305.10	4751746.00	18	14	20
15202	Year-Round Residence	Non-Participating	344322.84	4751619.64	19	14	20

Table 19-7.1a: Cumulative Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Receptor ID

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM NAD83 Zone 18N (meters)		Trelina Project Only Maximum 1-hr Leq (dBA)	Zotos Project Only Maximum 1-hr Leq (dBA)	Cumulative Maximum 1-hr Leq (dBA)
			X (m)	Y (m)			
15203	Year-Round Residence	Non-Participating	344369.67	4751626.66	18	14	20
15204	Year-Round Residence	Non-Participating	344376.87	4751576.94	18	14	20
15205	Year-Round Residence	Non-Participating	344398.29	4751506.81	18	14	20
15206	Year-Round Residence	Non-Participating	344535.95	4751529.24	17	14	19
15207	Year-Round Residence	Non-Participating	344494.49	4751527.12	18	14	19
15208	Year-Round Residence	Non-Participating	344455.08	4751518.62	18	14	19
15209	Year-Round Residence	Non-Participating	344412.80	4751509.32	18	14	19
15210	Year-Round Residence	Non-Participating	344382.23	4751446.05	18	14	20
15211	Year-Round Residence	Non-Participating	344316.32	4751428.55	19	15	20
15212	Year-Round Residence	Non-Participating	344323.44	4751394.55	18	15	20
15213	Year-Round Residence	Non-Participating	344388.68	4751382.38	18	14	20
15214	Year-Round Residence	Non-Participating	344321.50	4751367.09	18	15	20
15215	Unknown	Non-Participating	344320.49	4751245.07	19	15	20
15216	Year-Round Residence	Non-Participating	343265.72	4750717.96	30	18	31
15217	Year-Round Residence	Non-Participating	343208.35	4750546.79	28	18	28
15218	Year-Round Residence	Non-Participating	343188.08	4750657.29	34	18	34
15219	Year-Round Residence	Non-Participating	343135.06	4750791.69	35	18	35
15220	Year-Round Residence	Non-Participating	343213.06	4750926.14	33	18	34
15221	Year-Round Residence	Non-Participating	343223.12	4750963.47	33	18	33
15222	Year-Round Residence	Non-Participating	343251.74	4751084.64	32	17	32
15223	Year-Round Residence	Non-Participating	343316.64	4751470.89	29	17	29
15224	Year-Round Residence	Non-Participating	343512.17	4751513.15	26	16	27
15225	Year-Round Residence	Non-Participating	343367.14	4751513.84	28	17	29
15226	Year-Round Residence	Non-Participating	343370.94	4751546.06	28	17	28
15227	Year-Round Residence	Non-Participating	343573.56	4751630.51	25	16	26
15228	Year-Round Residence	Non-Participating	342901.38	4750466.85	37	19	37
15229	Year-Round Residence	Non-Participating	342919.03	4750360.77	34	19	35
15230	Year-Round Residence	Non-Participating	342905.00	4750149.72	28	19	28
15231	Unknown	Non-Participating	342813.83	4750264.48	30	19	30
15232	Year-Round Residence	Non-Participating	342849.50	4750003.38	32	19	32
15233	Year-Round Residence	Non-Participating	342705.77	4750215.42	35	20	36
15234	Year-Round Residence	Non-Participating	342645.98	4750264.83	37	20	37
15235	Year-Round Residence	Non-Participating	342667.52	4750190.97	36	20	36
15236	Year-Round Residence	Non-Participating	342625.15	4750254.82	37	20	37
15237	Year-Round Residence	Non-Participating	342594.89	4750234.99	37	20	37
15238	Year-Round Residence	Non-Participating	342621.11	4750174.12	36	20	36
15239	Year-Round Residence	Non-Participating	342566.99	4750222.09	37	20	37
15240	Year-Round Residence	Non-Participating	342551.54	4750198.43	36	20	36
15241	Year-Round Residence	Non-Participating	342577.85	4750141.49	35	20	36
15242	Year-Round Residence	Non-Participating	342535.39	4750182.20	36	20	36
15243	Year-Round Residence	Non-Participating	342517.13	4750169.52	36	20	36
15244	Year-Round Residence	Non-Participating	342523.40	4750098.63	35	20	35
15245	Year-Round Residence	Non-Participating	342498.87	4750156.84	36	20	36
15246	Year-Round Residence	Non-Participating	342504.50	4750077.23	35	20	35
15247	Year-Round Residence	Non-Participating	342478.79	4750141.14	36	20	36
15248	Year-Round Residence	Non-Participating	342459.20	4750128.05	36	20	36
15249	Year-Round Residence	Non-Participating	342467.03	4750048.82	31	20	31
15250	Year-Round Residence	Non-Participating	342381.96	4749989.63	32	21	32
15251	Year-Round Residence	Non-Participating	342309.85	4750017.93	35	21	35
15252	Year-Round Residence	Non-Participating	342279.12	4750034.79	35	21	35
15253	Year-Round Residence	Non-Participating	342342.09	4749971.33	33	21	33
15254	Year-Round Residence	Non-Participating	342247.71	4749964.77	35	21	35
15255	Year-Round Residence	Non-Participating	342218.14	4749937.06	34	21	35
15256	Year-Round Residence	Non-Participating	342192.35	4749921.05	34	21	35
15257	Year-Round Residence	Non-Participating	342172.27	4749905.36	34	21	35
15258	Year-Round Residence	Non-Participating	342153.59	4749893.56	34	22	34
15259	Year-Round Residence	Non-Participating	342111.77	4749866.57	34	22	34
15260	Year-Round Residence	Non-Participating	342006.09	4749845.41	33	22	34
15261	Year-Round Residence	Non-Participating	342057.03	4749849.92	33	22	34

Table 19-7.1a: Cumulative Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Receptor ID

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM NAD83 Zone 18N (meters)		Trelina Project Only Maximum 1-hr Leq (dBA)	Zotos Project Only Maximum 1-hr Leq (dBA)	Cumulative Maximum 1-hr Leq (dBA)
			X (m)	Y (m)			
15262	Year-Round Residence	Non-Participating	342050.53	4749814.69	33	22	33
15263	Year-Round Residence	Non-Participating	342029.56	4749798.58	33	22	33
15264	Year-Round Residence	Non-Participating	342008.19	4749784.22	33	22	33
15265	Year-Round Residence	Non-Participating	341987.32	4749772.47	33	22	33
15266	Year-Round Residence	Non-Participating	341967.36	4749762.45	33	22	33
15267	Year-Round Residence	Non-Participating	341934.66	4749769.75	34	22	34
15268	Year-Round Residence	Non-Participating	341938.13	4749730.37	34	22	34
15269	Year-Round Residence	Non-Participating	342067.31	4749572.35	32	22	33
15270	Year-Round Residence	Non-Participating	341881.24	4749696.30	34	23	34
15271	Year-Round Residence	Non-Participating	341854.23	4749684.26	34	23	34
15272	Year-Round Residence	Non-Participating	341781.99	4749688.10	34	23	35
15273	Unknown	Non-Participating	341730.41	4749560.89	34	23	34
15274	Year-Round Residence	Non-Participating	342018.11	4749262.51	30	22	30
15275	Year-Round Residence	Non-Participating	342062.59	4749290.32	28	21	29
15276	Year-Round Residence	Non-Participating	342042.52	4749275.49	29	22	30
15277	Year-Round Residence	Non-Participating	341946.72	4749303.03	31	22	31
15278	Year-Round Residence	Non-Participating	341936.95	4749336.01	31	22	32
15279	Year-Round Residence	Non-Participating	341901.59	4749284.85	31	22	32
15280	Year-Round Residence	Non-Participating	341906.39	4749265.08	31	22	31
15281	Year-Round Residence	Non-Participating	341911.15	4749243.13	31	22	31
15282	Year-Round Residence	Non-Participating	341914.68	4749225.14	31	22	31
15283	Year-Round Residence	Non-Participating	341918.73	4749191.42	30	22	31
15284	Year-Round Residence	Non-Participating	341971.18	4749222.97	30	22	31
15285	Year-Round Residence	Non-Participating	342035.14	4749183.50	24	21	26
15286	Year-Round Residence	Non-Participating	341339.45	4749049.27	31	24	32
15287	Year-Round Residence	Non-Participating	341351.88	4749037.19	31	24	32
15288	Year-Round Residence	Non-Participating	341292.20	4749043.81	32	24	32
15289	Year-Round Residence	Non-Participating	341310.85	4749025.91	31	24	32
15290	Year-Round Residence	Non-Participating	341365.13	4749022.25	31	24	32
15291	Year-Round Residence	Non-Participating	341342.03	4748999.64	31	24	32
15292	Year-Round Residence	Non-Participating	341349.88	4748988.32	31	24	32
15293	Year-Round Residence	Non-Participating	341377.29	4749008.00	31	24	32
15294	Year-Round Residence	Non-Participating	341360.04	4748973.02	31	24	32
15295	Year-Round Residence	Non-Participating	341370.05	4748960.12	31	24	31
15296	Year-Round Residence	Non-Participating	341530.07	4749046.62	30	23	31
15297	Year-Round Residence	Non-Participating	341542.41	4749059.01	30	23	31
15298	Year-Round Residence	Non-Participating	341558.20	4749068.91	30	23	31
15299	Year-Round Residence	Non-Participating	341574.42	4749078.14	30	23	31
15300	Year-Round Residence	Non-Participating	341580.05	4749037.17	30	23	31
15301	Year-Round Residence	Non-Participating	341619.83	4749022.93	30	23	30
15302	Year-Round Residence	Non-Participating	341582.22	4749017.03	30	23	31
15303	Year-Round Residence	Non-Participating	341589.49	4748999.61	30	23	30
15304	Year-Round Residence	Non-Participating	341596.55	4748982.63	29	23	30
15305	Year-Round Residence	Non-Participating	341633.79	4748981.99	29	23	30
15306	Year-Round Residence	Non-Participating	341554.85	4749018.53	30	23	31
15307	Year-Round Residence	Non-Participating	341520.99	4748985.46	30	23	31
15308	Year-Round Residence	Non-Participating	341551.87	4749003.32	30	23	31
15309	Year-Round Residence	Non-Participating	341521.84	4748965.13	30	23	30
15310	Year-Round Residence	Non-Participating	341557.07	4748981.58	30	23	30
15311	Year-Round Residence	Non-Participating	341526.07	4748948.88	29	23	30
15312	Year-Round Residence	Non-Participating	341608.18	4748916.84	29	23	30
15313	Year-Round Residence	Non-Participating	341609.61	4748902.62	29	23	30
15314	Year-Round Residence	Non-Participating	341644.45	4748902.47	29	22	30
15315	Year-Round Residence	Non-Participating	341579.16	4748903.54	29	23	30
15316	Year-Round Residence	Non-Participating	341547.48	4748879.37	29	23	30
15317	Year-Round Residence	Non-Participating	341552.34	4748862.00	29	23	30
15318	Year-Round Residence	Non-Participating	341582.59	4748890.79	29	23	30
15319	Year-Round Residence	Non-Participating	341587.54	4748877.14	29	23	30
15320	Year-Round Residence	Non-Participating	341551.89	4748842.58	29	23	30

Table 19-7.1a: Cumulative Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Receptor ID

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM NAD83 Zone 18N (meters)		Trelina Project Only Maximum 1-hr Leq (dBA)	Zotos Project Only Maximum 1-hr Leq (dBA)	Cumulative Maximum 1-hr Leq (dBA)
			X (m)	Y (m)			
15321	Year-Round Residence	Non-Participating	341578.93	4748826.88	28	23	29
15322	Year-Round Residence	Non-Participating	341619.87	4748862.85	29	23	29
15323	Year-Round Residence	Non-Participating	341606.44	4748850.71	28	23	29
15324	Year-Round Residence	Non-Participating	341592.66	4748842.29	28	23	29
15325	Year-Round Residence	Non-Participating	341699.25	4748930.91	29	22	30
15326	Year-Round Residence	Non-Participating	341758.87	4748816.62	23	22	25
15327	Year-Round Residence	Non-Participating	341778.29	4748850.90	23	22	26
15328	Year-Round Residence	Non-Participating	341810.12	4748919.84	23	22	26
15329	Year-Round Residence	Non-Participating	341770.07	4748931.90	24	22	26
15330	Year-Round Residence	Non-Participating	341780.92	4748946.50	24	22	26
15331	Year-Round Residence	Non-Participating	341807.07	4748958.78	24	22	26
15332	Year-Round Residence	Non-Participating	341825.29	4748940.67	24	22	26
15333	Year-Round Residence	Non-Participating	341825.99	4748971.45	24	22	26
15334	Year-Round Residence	Non-Participating	341843.62	4748966.02	24	22	26
15335	Year-Round Residence	Non-Participating	341781.23	4749026.64	27	22	28
15336	Year-Round Residence	Non-Participating	341753.75	4748975.30	26	22	28
15337	Year-Round Residence	Non-Participating	341700.48	4748965.17	30	22	30
15338	Year-Round Residence	Non-Participating	341688.65	4749003.66	29	23	30
15339	Year-Round Residence	Non-Participating	341752.44	4748994.33	27	22	29
15340	Year-Round Residence	Non-Participating	341741.73	4749005.49	27	22	29
15341	Year-Round Residence	Non-Participating	341728.74	4749031.56	27	22	28
15342	Year-Round Residence	Non-Participating	341814.80	4749075.44	27	22	28
15343	Year-Round Residence	Non-Participating	341813.15	4749089.68	27	22	29
15344	Year-Round Residence	Non-Participating	341811.40	4749108.94	28	22	29
15345	Year-Round Residence	Non-Participating	341755.25	4749088.17	28	22	29
15346	Year-Round Residence	Non-Participating	341771.10	4749071.86	27	22	28
15347	Year-Round Residence	Non-Participating	341750.07	4749119.96	30	22	31
15348	Year-Round Residence	Non-Participating	341795.61	4749146.43	30	22	31
15349	Year-Round Residence	Non-Participating	341663.19	4749059.06	29	23	30
15350	Year-Round Residence	Non-Participating	341700.93	4749118.25	31	23	31
15351	Year-Round Residence	Non-Participating	341782.34	4749169.88	31	22	31
15352	Year-Round Residence	Non-Participating	341725.23	4749155.03	31	23	31
15353	Year-Round Residence	Non-Participating	341771.61	4749189.56	31	22	32
15354	Year-Round Residence	Non-Participating	341721.67	4749181.10	31	23	32
15355	Year-Round Residence	Non-Participating	341730.52	4749318.26	32	23	33
15356	Year-Round Residence	Non-Participating	341718.00	4749364.41	32	23	33
15357	Year-Round Residence	Non-Participating	341660.85	4749357.21	33	23	33
15358	Year-Round Residence	Non-Participating	341639.08	4749354.22	33	23	33
15359	Year-Round Residence	Non-Participating	341605.87	4749349.31	33	23	33
15360	Year-Round Residence	Non-Participating	341642.08	4749236.88	32	23	32
15361	Year-Round Residence	Non-Participating	341642.63	4749222.89	32	23	32
15362	Year-Round Residence	Non-Participating	341632.63	4749255.00	32	23	33
15363	Year-Round Residence	Non-Participating	341626.53	4749275.45	32	23	33
15364	Year-Round Residence	Non-Participating	341588.96	4749205.13	32	23	32
15365	Year-Round Residence	Non-Participating	341596.75	4749191.41	32	23	32
15366	Year-Round Residence	Non-Participating	341600.88	4749142.17	31	23	32
15367	Year-Round Residence	Non-Participating	341626.35	4749105.99	30	23	31
15368	Year-Round Residence	Non-Participating	341647.36	4749085.63	30	23	31
15369	Year-Round Residence	Non-Participating	341694.14	4749099.41	29	23	30
15370	Year-Round Residence	Non-Participating	341715.20	4749062.23	27	23	28
15371	Year-Round Residence	Non-Participating	341706.97	4748647.47	23	22	25
15372	Year-Round Residence	Non-Participating	341521.41	4749364.60	34	24	34
15373	Year-Round Residence	Non-Participating	341513.07	4749373.96	34	24	34
15374	Year-Round Residence	Non-Participating	341571.95	4749437.25	34	24	34
15375	Year-Round Residence	Non-Participating	341547.37	4749302.64	33	24	33
15376	Year-Round Residence	Non-Participating	341475.99	4749390.98	34	24	34
15377	Year-Round Residence	Non-Participating	341467.76	4749376.54	34	24	34
15378	Year-Round Residence	Non-Participating	341478.51	4749367.12	34	24	34
15379	Year-Round Residence	Non-Participating	341482.28	4749359.61	34	24	34

Table 19-7.1a: Cumulative Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Receptor ID

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM NAD83 Zone 18N (meters)		Trelina Project Only Maximum 1-hr Leq (dBA)	Zotos Project Only Maximum 1-hr Leq (dBA)	Cumulative Maximum 1-hr Leq (dBA)
			X (m)	Y (m)			
15380	Year-Round Residence	Non-Participating	341501.57	4749341.03	33	24	34
15381	Year-Round Residence	Non-Participating	341577.62	4749664.23	36	24	36
15382	Year-Round Residence	Non-Participating	341571.68	4749691.44	36	24	36
15383	Year-Round Residence	Non-Participating	341559.61	4749643.24	36	24	36
15384	Year-Round Residence	Non-Participating	341360.30	4749477.94	36	25	36
15385	Year-Round Residence	Non-Participating	341269.69	4749407.53	35	25	36
15386	Year-Round Residence	Non-Participating	341195.30	4749337.18	35	25	35
15387	Year-Round Residence	Non-Participating	341352.88	4749346.21	34	25	35
15388	Year-Round Residence	Non-Participating	341371.31	4749366.31	34	24	35
15389	Year-Round Residence	Non-Participating	341395.58	4749411.18	35	24	35
15390	Year-Round Residence	Non-Participating	341354.44	4749413.87	35	25	35
15391	Year-Round Residence	Non-Participating	341174.90	4749269.96	34	25	35
15392	Year-Round Residence	Non-Participating	341046.18	4749257.65	34	26	35
15393	Year-Round Residence	Non-Participating	341002.06	4749283.56	35	26	35
15394	Year-Round Residence	Non-Participating	341049.52	4749326.58	35	26	36
15395	Year-Round Residence	Non-Participating	338765.90	4748928.40	18	31	31
15396	Year-Round Residence	Non-Participating	338462.19	4749249.58	23	32	32
15397	Year-Round Residence	Non-Participating	338424.16	4749254.41	23	31	32
15398	Year-Round Residence	Non-Participating	338463.11	4749139.49	18	27	27
15399	Year-Round Residence	Non-Participating	338389.85	4749305.01	23	31	32
15400	Year-Round Residence	Non-Participating	338355.89	4749501.48	24	32	33
15401	Year-Round Residence	Non-Participating	338324.45	4749506.59	23	32	33
15402	Year-Round Residence	Non-Participating	338426.14	4749543.51	24	33	34
15403	Year-Round Residence	Non-Participating	338482.20	4749485.41	24	33	34
15404	Year-Round Residence	Non-Participating	338315.40	4749569.26	24	32	33
15405	Year-Round Residence	Non-Participating	338365.66	4749544.06	24	33	33
15406	Year-Round Residence	Non-Participating	338351.11	4749540.47	24	33	33
15407	Year-Round Residence	Non-Participating	338396.84	4749546.38	24	33	33
15408	Year-Round Residence	Non-Participating	338432.46	4749476.97	24	33	33
15409	Year-Round Residence	Non-Participating	338386.61	4749502.94	24	33	33
15410	Year-Round Residence	Non-Participating	338387.62	4749415.57	23	32	33
15411	Year-Round Residence	Non-Participating	338414.45	4749400.52	24	32	33
15413	Year-Round Residence	Non-Participating	338002.21	4750508.63	23	30	31
15414	Year-Round Residence	Non-Participating	337950.55	4750510.72	23	30	31
15415	Year-Round Residence	Non-Participating	337955.29	4750488.78	23	30	31
15416	Year-Round Residence	Non-Participating	338002.25	4750472.82	23	30	31
15417	Year-Round Residence	Non-Participating	337999.49	4750430.09	23	30	31
15418	Year-Round Residence	Non-Participating	338006.59	4750396.73	18	30	31
15419	Year-Round Residence	Non-Participating	337993.90	4750342.00	23	30	31
15420	Year-Round Residence	Non-Participating	337999.32	4750311.30	23	31	31
15421	Year-Round Residence	Non-Participating	337993.30	4750279.13	23	31	31
15422	Year-Round Residence	Non-Participating	338039.32	4750260.58	23	31	32
15423	Year-Round Residence	Non-Participating	338014.90	4750228.83	23	31	31
15424	Year-Round Residence	Non-Participating	338002.02	4750202.93	23	31	31
15425	Year-Round Residence	Non-Participating	338628.66	4753293.48	17	20	22
15426	Year-Round Residence	Non-Participating	338591.50	4753203.55	18	20	23
15427	Year-Round Residence	Non-Participating	340127.47	4753871.77	20	18	22
15428	Year-Round Residence	Non-Participating	341814.12	4751429.91	36	22	36
15429	Year-Round Residence	Non-Participating	341619.24	4751530.46	39	22	39
15430	Year-Round Residence	Non-Participating	341720.22	4751405.88	38	22	38
15431	Year-Round Residence	Non-Participating	341873.65	4751408.02	36	21	36
15432	Year-Round Residence	Non-Participating	341798.44	4751396.22	37	22	37
15434	Year-Round Residence	Non-Participating	342674.90	4751110.61	40	19	40
15435	Year-Round Residence	Non-Participating	342822.87	4750950.90	40	19	40
15436	Year-Round Residence	Non-Participating	342894.06	4750921.33	39	19	39
15437	Year-Round Residence	Non-Participating	342949.63	4750967.44	37	18	37
15438	Year-Round Residence	Non-Participating	343046.54	4750912.61	36	18	36
15439	Year-Round Residence	Non-Participating	343020.49	4750932.64	36	18	36
15440	Year-Round Residence	Non-Participating	342460.07	4752172.14	28	18	29

Table 19-7.1a: Cumulative Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Receptor ID

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM NAD83 Zone 18N (meters)		Trelina Project Only Maximum 1-hr Leq (dBA)	Zotos Project Only Maximum 1-hr Leq (dBA)	Cumulative Maximum 1-hr Leq (dBA)
			X (m)	Y (m)			
15441	Year-Round Residence	Non-Participating	342125.06	4752503.77	27	19	28
15442	Year-Round Residence	Non-Participating	342375.73	4752429.91	27	18	28
15443	Year-Round Residence	Non-Participating	342369.85	4752364.56	27	18	28
15444	Year-Round Residence	Participating	342275.19	4751501.56	35	20	35
15445	Year-Round Residence	Non-Participating	343383.58	4751618.17	27	17	28
15446	Year-Round Residence	Non-Participating	343497.77	4751706.38	26	16	26
15447	Year-Round Residence	Non-Participating	343389.51	4751762.99	27	16	27
15448	Year-Round Residence	Non-Participating	343488.35	4751793.04	26	16	27
15449	Year-Round Residence	Non-Participating	343604.29	4751842.79	25	16	25
15450	Year-Round Residence	Non-Participating	343467.05	4751858.15	26	16	26
15451	Year-Round Residence	Non-Participating	343491.97	4751913.46	26	16	26
15452	Year-Round Residence	Non-Participating	343478.89	4751993.22	25	16	26
15453	Year-Round Residence	Non-Participating	343407.31	4751890.07	26	16	27
15454	Year-Round Residence	Non-Participating	343393.33	4752007.39	26	16	26
15455	Year-Round Residence	Non-Participating	343403.94	4751934.68	26	16	26
15456	Year-Round Residence	Non-Participating	343406.47	4751699.73	27	16	28
15457	Year-Round Residence	Non-Participating	343298.56	4751732.75	28	17	28
15458	Year-Round Residence	Non-Participating	343384.00	4752059.12	25	16	26
15459	Year-Round Residence	Non-Participating	343464.50	4752169.05	25	16	25
15460	Year-Round Residence	Non-Participating	343392.99	4752184.65	25	16	26
15461	Year-Round Residence	Non-Participating	343477.65	4752476.97	23	15	24
15462	Year-Round Residence	Non-Participating	343575.77	4752630.15	22	15	23
15463	Year-Round Residence	Non-Participating	343708.58	4752613.15	21	15	22
15464	Year-Round Residence	Non-Participating	338749.61	4748927.98	18	31	31
15465	Year-Round Residence	Non-Participating	338753.35	4748975.07	18	31	31
15466	Year-Round Residence	Non-Participating	338767.51	4748980.85	18	31	31
15467	Year-Round Residence	Non-Participating	338750.47	4749039.35	19	27	28
15468	Year-Round Residence	Non-Participating	338674.05	4748958.58	18	31	31
15469	Year-Round Residence	Non-Participating	338641.90	4748989.48	18	31	31
15470	Year-Round Residence	Non-Participating	338672.48	4748910.14	18	30	30
15471	Year-Round Residence	Non-Participating	338659.86	4748914.36	18	30	30
15472	Year-Round Residence	Non-Participating	338641.75	4748908.67	18	30	30
15473	Year-Round Residence	Non-Participating	338632.07	4748907.15	18	30	30
15474	Year-Round Residence	Non-Participating	338616.33	4748908.83	18	30	30
15475	Year-Round Residence	Non-Participating	338787.70	4748776.39	18	30	30
15476	Year-Round Residence	Non-Participating	338815.94	4748784.03	18	30	30
15477	Year-Round Residence	Non-Participating	338762.38	4748874.39	18	30	31
15478	Year-Round Residence	Non-Participating	338722.23	4748919.45	18	30	31
15479	Year-Round Residence	Non-Participating	338738.58	4748924.75	18	31	31
15480	Year-Round Residence	Non-Participating	338845.78	4748691.60	18	29	29
15481	Unknown	Non-Participating	338881.54	4748627.42	18	29	29
15482	Year-Round Residence	Non-Participating	338772.04	4748594.60	17	28	29
15483	Year-Round Residence	Non-Participating	342705.41	4749853.11	32	20	32
15601	Year-Round Residence	Non-Participating	338490.15	4749431.94	23	33	33
15602	Year-Round Residence	Non-Participating	338385.45	4749360.58	23	32	32
15603	Year-Round Residence	Non-Participating	338463.70	4749351.32	23	32	33
15604	Year-Round Residence	Non-Participating	338464.40	4749362.22	23	32	33
15605	Year-Round Residence	Non-Participating	338463.16	4749384.09	23	33	33
15606	Year-Round Residence	Non-Participating	338040.87	4750698.12	24	30	31
15607	Year-Round Residence	Non-Participating	337957.43	4750579.56	23	30	31
15608	Year-Round Residence	Non-Participating	337973.00	4750868.28	23	29	30
15609	Year-Round Residence	Non-Participating	338584.65	4753173.16	18	20	23
15610	Year-Round Residence	Non-Participating	339129.58	4753655.38	17	19	21
15611	Year-Round Residence	Non-Participating	341761.91	4751465.17	36	22	37
15612	Year-Round Residence	Non-Participating	341980.35	4751360.16	36	21	36
15613	Year-Round Residence	Non-Participating	342185.90	4751265.92	38	21	38
15614	Year-Round Residence	Non-Participating	342191.97	4751186.75	40	21	40
15615	Year-Round Residence	Non-Participating	342398.93	4751192.04	40	20	40
15616	Year-Round Residence	Non-Participating	342911.58	4750970.50	38	19	38

Table 19-7.1a: Cumulative Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Receptor ID

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM NAD83 Zone 18N (meters)		Trelina Project Only Maximum 1-hr Leq (dBA)	Zotos Project Only Maximum 1-hr Leq (dBA)	Cumulative Maximum 1-hr Leq (dBA)
			X (m)	Y (m)			
15617	Year-Round Residence	Non-Participating	342322.06	4752229.44	28	19	29
15618	Year-Round Residence	Non-Participating	342453.76	4752317.23	27	18	28
15619	Year-Round Residence	Non-Participating	342342.38	4752656.81	26	18	26
15620	Year-Round Residence	Non-Participating	342570.17	4752655.08	25	17	26
15621	Year-Round Residence	Non-Participating	342356.40	4752003.98	29	19	30
15622	Year-Round Residence	Non-Participating	342419.72	4752033.09	29	19	30
15623	Year-Round Residence	Non-Participating	342269.48	4751940.05	30	19	31
15624	Year-Round Residence	Non-Participating	342270.87	4751905.09	30	19	31
15625	Year-Round Residence	Non-Participating	342136.13	4751819.12	32	20	33
15626	Year-Round Residence	Non-Participating	342144.76	4751775.26	33	20	33
15627	Year-Round Residence	Non-Participating	339180.82	4753779.58	17	19	21
15628	Year-Round Residence	Non-Participating	343906.05	4752646.21	20	14	21
15629	Year-Round Residence	Non-Participating	344082.63	4752608.58	20	14	21
15630	Year-Round Residence	Non-Participating	344022.33	4752615.62	20	14	21
15631	Year-Round Residence	Non-Participating	343963.52	4752630.49	20	14	21
15632	Year-Round Residence	Non-Participating	343992.45	4752592.29	20	14	21
15633	Year-Round Residence	Non-Participating	343851.40	4752651.38	17	14	19
15634	Year-Round Residence	Non-Participating	343888.00	4752623.04	20	14	21
15635	Year-Round Residence	Non-Participating	343979.45	4752656.76	20	14	21
15636	Year-Round Residence	Non-Participating	338827.79	4748747.06	18	30	30
15637	Year-Round Residence	Non-Participating	338172.35	4749788.46	23	32	32
15638	Year-Round Residence	Non-Participating	342198.15	4749331.47	25	21	26
15639	Year-Round Residence	Non-Participating	342146.23	4749361.49	25	21	27
15640	Year-Round Residence	Non-Participating	342113.97	4749330.78	25	21	26
15641	Seasonal Residence	Non-Participating	342598.46	4749642.43	28	20	28
15642	Seasonal Residence	Non-Participating	342608.07	4749660.12	28	20	28
15643	Seasonal Residence	Non-Participating	342614.12	4749675.70	28	20	28
15644	Seasonal Residence	Non-Participating	342624.98	4749690.30	29	20	29
15645	Year-Round Residence	Non-Participating	342657.10	4749734.11	30	20	30
15646	Year-Round Residence	Non-Participating	342733.27	4749806.62	31	19	31
15647	Year-Round Residence	Non-Participating	342701.70	4749786.81	31	20	31
15648	Year-Round Residence	Non-Participating	342826.95	4749954.71	32	19	32
15649	Year-Round Residence	Non-Participating	342804.66	4749899.75	32	19	32
15650	Year-Round Residence	Non-Participating	342812.91	4749934.94	32	19	32
15651	Year-Round Residence	Non-Participating	342803.72	4749916.37	32	19	32
15652	Year-Round Residence	Non-Participating	342757.26	4749916.12	32	19	32
15653	Year-Round Residence	Non-Participating	342768.43	4749906.26	32	19	32
15654	Year-Round Residence	Non-Participating	342753.76	4749839.77	31	19	32
15655	Year-Round Residence	Non-Participating	342753.06	4749866.87	32	19	32
15656	Year-Round Residence	Non-Participating	342742.37	4749897.68	32	19	32

Table 19-7.1b: Cumulative Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Sound Level

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM NAD83 Zone 18N (meters)		Trelina Project Only Maximum 1-hr Leq (dBA)	Zotos Project Only Maximum 1-hr Leq (dBA)	Cumulative Maximum 1-hr Leq (dBA)
			X (m)	Y (m)			
10601	Unknown	Non-Participating	339079.66	4749906.47	29	46	46
10604	Year-Round Residence	Non-Participating	339608.85	4749966.77	33	45	45
10605	Year-Round Residence	Non-Participating	339640.68	4750025.42	33	44	45
10989	Unknown	Non-Participating	339448.32	4749776.43	31	45	45
11601	Year-Round Residence	Non-Participating	339648.24	4750304.17	35	43	44
10998	Year-Round Residence	Non-Participating	339692.39	4750015.48	34	43	44
11202	Year-Round Residence	Non-Participating	339695.17	4750267.92	35	42	43
10987	Unknown	Non-Participating	338879.52	4750138.26	28	43	43
11602	Year-Round Residence	Non-Participating	339699.53	4750351.23	36	41	43
11201	Year-Round Residence	Non-Participating	339751.82	4750216.38	35	42	42
11603	Year-Round Residence	Non-Participating	339719.89	4750388.32	36	41	42
11203	Year-Round Residence	Non-Participating	339709.42	4750418.26	37	41	42
11205	Year-Round Residence	Non-Participating	339816.66	4750557.74	40	38	42
11204	Year-Round Residence	Non-Participating	339717.63	4750450.82	37	40	42
11605	Unknown	Non-Participating	339708.16	4750476.53	37	40	42
11609	Year-Round Residence	Participating	339749.33	4751326.39	41	31	42
11604	Unknown	Non-Participating	339707.89	4750497.72	37	40	42
13613	Year-Round Residence	Participating	340858.87	4750987.73	41	27	42
13609	Seasonal Residence	Participating	340317.74	4751355.24	41	28	41
10986	Unknown	Non-Participating	338804.80	4750166.65	28	41	41
11606	Year-Round Residence	Non-Participating	339702.97	4750568.69	38	39	41
10997	Year-Round Residence	Non-Participating	339685.21	4749737.71	32	40	41
11607	Year-Round Residence	Non-Participating	339727.50	4750869.93	40	35	41
11608	Year-Round Residence	Non-Participating	339716.76	4750897.91	40	35	41
10999	Unknown	Non-Participating	339764.73	4749781.27	33	40	41
13614	Year-Round Residence	Non-Participating	341221.69	4750708.76	40	25	41
13615	Year-Round Residence	Participating	341252.48	4750675.95	40	25	40
13616	Year-Round Residence	Non-Participating	341283.73	4750615.19	40	25	40
13219	Year-Round Residence	Non-Participating	341338.13	4750503.89	40	25	40
13611	Year-Round Residence	Non-Participating	340905.97	4751077.69	40	26	40
10981	Year-Round Residence	Non-Participating	339441.29	4749549.06	30	40	40
15435	Year-Round Residence	Non-Participating	342822.87	4750950.90	40	19	40
10995	Year-Round Residence	Non-Participating	339718.29	4749681.03	32	39	40
12401	Year-Round Residence	Non-Participating	339754.07	4751624.26	40	28	40
13610	Year-Round Residence	Non-Participating	340906.68	4751108.24	40	26	40
13612	Year-Round Residence	Participating	340973.90	4751110.38	40	26	40
10982	Year-Round Residence	Non-Participating	339495.44	4749549.76	30	39	40
10988	Unknown	Non-Participating	338722.94	4750152.41	27	40	40
10996	Year-Round Residence	Non-Participating	339734.03	4749679.14	32	39	40
10994	Year-Round Residence	Non-Participating	339694.30	4749638.79	32	39	40
13618	Year-Round Residence	Non-Participating	341418.53	4749885.61	40	25	40
15614	Year-Round Residence	Non-Participating	342191.97	4751186.75	40	21	40
13608	Year-Round Residence	Participating	341145.20	4751795.39	40	23	40
15434	Year-Round Residence	Non-Participating	342674.90	4751110.61	40	19	40
15615	Year-Round Residence	Non-Participating	342398.93	4751192.04	40	20	40
10984	Year-Round Residence	Non-Participating	339550.22	4749549.36	30	39	40
10993	Year-Round Residence	Non-Participating	339683.46	4749615.89	31	39	40
10595	Year-Round Residence	Non-Participating	339345.17	4749498.44	29	39	39
13218	Year-Round Residence	Non-Participating	340901.80	4751162.49	39	26	39
15429	Year-Round Residence	Non-Participating	341619.24	4751530.46	39	22	39
10992	Year-Round Residence	Non-Participating	339682.21	4749599.98	31	39	39
13624	Year-Round Residence	Non-Participating	340861.80	4749525.06	39	28	39
10597	Year-Round Residence	Non-Participating	339397.10	4749488.49	29	39	39
13232	Year-Round Residence	Non-Participating	340754.69	4749471.20	39	28	39
13617	Year-Round Residence	Non-Participating	341484.11	4750030.18	39	25	39
10596	Year-Round Residence	Non-Participating	339368.52	4749484.79	29	39	39
13220	Year-Round Residence	Non-Participating	341515.09	4750195.42	39	24	39
10868	Year-Round Residence	Non-Participating	338983.59	4749568.52	27	39	39
10991	Year-Round Residence	Non-Participating	339674.09	4749571.34	31	38	39
10990	Year-Round Residence	Non-Participating	339708.68	4749588.23	31	38	39
13217	Year-Round Residence	Non-Participating	340897.79	4751291.83	39	26	39

Table 19-7.1b: Cumulative Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Sound Level

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM NAD83 Zone 18N (meters)		Trelina Project Only Maximum 1-hr Leq (dBA)	Zotos Project Only Maximum 1-hr Leq (dBA)	Cumulative Maximum 1-hr Leq (dBA)
			X (m)	Y (m)			
15436	Year-Round Residence	Non-Participating	342894.06	4750921.33	39	19	39
13607	Year-Round Residence	Non-Participating	340887.44	4751639.80	39	24	39
10598	Year-Round Residence	Non-Participating	339376.07	4749451.42	29	38	39
10980	Year-Round Residence	Non-Participating	339443.25	4749454.89	29	38	39
10983	Year-Round Residence	Non-Participating	339503.77	4749455.88	29	38	38
10985	Year-Round Residence	Non-Participating	339556.70	4749460.76	30	38	38
15613	Year-Round Residence	Non-Participating	342185.90	4751265.92	38	21	38
13221	Year-Round Residence	Non-Participating	341561.71	4749974.24	38	24	38
15430	Year-Round Residence	Non-Participating	341720.22	4751405.88	38	22	38
10603	Year-Round Residence	Non-Participating	339689.47	4749497.83	31	37	38
12802	Year-Round Residence	Non-Participating	340376.69	4752015.80	38	25	38
13233	Year-Round Residence	Non-Participating	340650.03	4749428.20	38	29	38
15616	Year-Round Residence	Non-Participating	342911.58	4750970.50	38	19	38
11206	Year-Round Residence	Non-Participating	339644.98	4751634.25	37	28	38
10606	Unknown	Non-Participating	339793.17	4749525.22	32	37	38
13619	Year-Round Residence	Non-Participating	341555.04	4749875.04	38	24	38
13622	Year-Round Residence	Non-Participating	341001.81	4749466.79	37	27	38
13623	Year-Round Residence	Non-Participating	340958.45	4749458.83	37	27	38
13231	Year-Round Residence	Non-Participating	341066.54	4749479.48	37	26	38
13621	Year-Round Residence	Non-Participating	341034.36	4749471.49	37	27	38
12402	Year-Round Residence	Non-Participating	339742.08	4751711.43	37	28	38
13606	Year-Round Residence	Non-Participating	340879.50	4751713.34	37	24	37
10594	Year-Round Residence	Non-Participating	339315.98	4749356.30	28	37	37
13620	Year-Round Residence	Non-Participating	341470.49	4749692.45	37	24	37
15228	Year-Round Residence	Non-Participating	342901.38	4750466.85	37	19	37
15432	Year-Round Residence	Non-Participating	341798.44	4751396.22	37	22	37
15437	Year-Round Residence	Non-Participating	342949.63	4750967.44	37	18	37
13222	Year-Round Residence	Non-Participating	341562.73	4749818.96	37	24	37
13230	Year-Round Residence	Non-Participating	341244.15	4749514.67	37	25	37
10495	Year-Round Residence	Non-Participating	338802.23	4749554.87	26	37	37
13234	Year-Round Residence	Non-Participating	340590.12	4749396.83	36	29	37
13228	Year-Round Residence	Non-Participating	341332.97	4749545.82	37	25	37
13224	Year-Round Residence	Non-Participating	341564.00	4749769.36	37	24	37
13226	Year-Round Residence	Non-Participating	341410.85	4749596.43	37	25	37
13229	Year-Round Residence	Non-Participating	341296.44	4749520.45	37	25	37
14808	Year-Round Residence	Non-Participating	342977.20	4750557.74	37	19	37
15234	Year-Round Residence	Non-Participating	342645.98	4750264.83	37	20	37
15236	Year-Round Residence	Non-Participating	342625.15	4750254.82	37	20	37
13241	Year-Round Residence	Non-Participating	341031.23	4749407.89	36	26	37
13627	Year-Round Residence	Non-Participating	340793.76	4749355.73	36	28	37
13629	Year-Round Residence	Non-Participating	340835.99	4749362.18	36	27	37
10976	Year-Round Residence	Non-Participating	339785.98	4749411.34	31	35	37
13238	Year-Round Residence	Non-Participating	340935.46	4749379.53	36	27	37
13239	Year-Round Residence	Non-Participating	340972.45	4749386.98	36	27	37
13240	Year-Round Residence	Non-Participating	341006.40	4749395.36	36	27	37
13630	Year-Round Residence	Non-Participating	340770.40	4749350.16	36	28	37
15237	Year-Round Residence	Non-Participating	342594.89	4750234.99	37	20	37
15239	Year-Round Residence	Non-Participating	342566.99	4750222.09	37	20	37
10589	Year-Round Residence	Non-Participating	339613.28	4749339.99	29	36	37
13225	Year-Round Residence	Non-Participating	341567.39	4749735.65	36	24	37
10593	Year-Round Residence	Non-Participating	339329.20	4749293.31	28	36	37
10860	Year-Round Residence	Non-Participating	338504.02	4750155.08	26	36	37
13628	Unknown	Non-Participating	340686.00	4749339.89	36	28	37
15611	Year-Round Residence	Non-Participating	341761.91	4751465.17	36	22	37
10858	Year-Round Residence	Non-Participating	338503.89	4750205.74	26	36	36
10977	Year-Round Residence	Non-Participating	339864.86	4749410.59	31	35	36
11207	Year-Round Residence	Non-Participating	339565.43	4751642.66	36	29	36
15240	Year-Round Residence	Non-Participating	342551.54	4750198.43	36	20	36
15612	Year-Round Residence	Non-Participating	341980.35	4751360.16	36	21	36
10475	Year-Round Residence	Non-Participating	338506.74	4750298.70	26	36	36
10587	Year-Round Residence	Non-Participating	339499.53	4749293.07	29	36	36

Table 19-7.1b: Cumulative Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Sound Level

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM NAD83 Zone 18N (meters)		Trelina Project Only Maximum 1-hr Leq (dBA)	Zotos Project Only Maximum 1-hr Leq (dBA)	Cumulative Maximum 1-hr Leq (dBA)
			X (m)	Y (m)			
10588	Year-Round Residence	Non-Participating	339583.08	4749304.22	29	35	36
10972	Unknown	Non-Participating	339688.11	4749332.82	30	35	36
10978	Year-Round Residence	Non-Participating	339891.83	4749410.84	31	35	36
10979	Year-Round Residence	Non-Participating	339910.39	4749426.78	32	35	36
13605	Year-Round Residence	Non-Participating	340853.40	4751796.90	36	24	36
15382	Year-Round Residence	Non-Participating	341571.68	4749691.44	36	24	36
15439	Year-Round Residence	Non-Participating	343020.49	4750932.64	36	18	36
10481	Year-Round Residence	Non-Participating	338484.79	4750026.80	25	36	36
10869	Year-Round Residence	Non-Participating	338975.01	4749352.09	26	36	36
10971	Year-Round Residence	Non-Participating	339789.48	4749356.22	31	35	36
15242	Year-Round Residence	Non-Participating	342535.39	4750182.20	36	20	36
15431	Year-Round Residence	Non-Participating	341873.65	4751408.02	36	21	36
10592	Year-Round Residence	Non-Participating	339325.62	4749262.39	28	36	36
10862	Year-Round Residence	Non-Participating	338487.54	4749985.69	25	36	36
12801	Year-Round Residence	Non-Participating	340371.31	4752095.61	36	24	36
13626	Year-Round Residence	Non-Participating	340615.01	4749322.31	35	29	36
14901	Year-Round Residence	Non-Participating	341326.27	4749466.06	36	25	36
15243	Year-Round Residence	Non-Participating	342517.13	4750169.52	36	20	36
15245	Year-Round Residence	Non-Participating	342498.87	4750156.84	36	20	36
15428	Year-Round Residence	Non-Participating	341814.12	4751429.91	36	22	36
10482	Year-Round Residence	Non-Participating	338483.02	4749942.34	25	36	36
10483	Year-Round Residence	Non-Participating	338486.47	4749921.51	25	36	36
10970	Year-Round Residence	Non-Participating	339829.32	4749353.98	31	35	36
10975	Year-Round Residence	Non-Participating	339871.91	4749369.81	31	34	36
11610	Year-Round Residence	Non-Participating	339673.12	4751769.39	35	27	36
15381	Year-Round Residence	Non-Participating	341577.62	4749664.23	36	24	36
15383	Year-Round Residence	Non-Participating	341559.61	4749643.24	36	24	36
15384	Year-Round Residence	Non-Participating	341360.30	4749477.94	36	25	36
15438	Year-Round Residence	Non-Participating	343046.54	4750912.61	36	18	36
13202	Unknown	Non-Participating	340470.15	4752002.28	36	24	36
15247	Year-Round Residence	Non-Participating	342478.79	4750141.14	36	20	36
10484	Year-Round Residence	Non-Participating	338481.53	4749879.04	25	35	36
10567	Year-Round Residence	Non-Participating	339619.50	4749268.59	29	35	36
10948	Year-Round Residence	Non-Participating	339567.21	4749253.65	29	35	36
10949	Year-Round Residence	Non-Participating	339593.22	4749260.03	29	35	36
13227	Year-Round Residence	Non-Participating	341503.99	4749567.64	36	24	36
14904	Year-Round Residence	Non-Participating	341008.81	4749328.83	35	26	36
15235	Year-Round Residence	Non-Participating	342667.52	4750190.97	36	20	36
15238	Year-Round Residence	Non-Participating	342621.11	4750174.12	36	20	36
15248	Year-Round Residence	Non-Participating	342459.20	4750128.05	36	20	36
10478	Year-Round Residence	Non-Participating	338440.39	4750119.45	25	35	36
10479	Year-Round Residence	Non-Participating	338445.05	4750098.38	25	35	36
10480	Year-Round Residence	Non-Participating	338444.40	4750070.77	25	35	36
10861	Year-Round Residence	Non-Participating	338443.17	4750139.91	25	35	36
10945	Year-Round Residence	Non-Participating	339504.17	4749238.74	28	35	36
10946	Year-Round Residence	Non-Participating	339521.12	4749241.84	28	35	36
10947	Year-Round Residence	Non-Participating	339545.75	4749245.41	29	35	36
13603	Year-Round Residence	Non-Participating	340761.56	4751842.69	35	24	36
15385	Year-Round Residence	Non-Participating	341269.69	4749407.53	35	25	36
15394	Year-Round Residence	Non-Participating	341049.52	4749326.58	35	26	36
10476	Year-Round Residence	Non-Participating	338448.25	4750299.85	26	35	36
10477	Year-Round Residence	Non-Participating	338445.75	4750277.64	26	35	36
10591	Year-Round Residence	Non-Participating	339629.30	4749247.02	29	35	36
10855	Year-Round Residence	Non-Participating	338521.45	4750511.05	27	35	36
10859	Year-Round Residence	Non-Participating	338436.96	4750211.03	26	35	36
10939	Year-Round Residence	Non-Participating	339474.89	4749218.90	28	35	36
10968	Year-Round Residence	Non-Participating	339817.30	4749308.40	30	34	36
10969	Year-Round Residence	Non-Participating	339793.64	4749299.56	30	34	36
15241	Year-Round Residence	Non-Participating	342577.85	4750141.49	35	20	36
10473	Year-Round Residence	Non-Participating	338445.79	4750344.24	26	35	36
10474	Year-Round Residence	Non-Participating	338442.77	4750318.32	26	35	36

Table 19-7.1b: Cumulative Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Sound Level

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM NAD83 Zone 18N (meters)		Trelina Project Only Maximum 1-hr Leq (dBA)	Zotos Project Only Maximum 1-hr Leq (dBA)	Cumulative Maximum 1-hr Leq (dBA)
			X (m)	Y (m)			
10486	Year-Round Residence	Non-Participating	338483.96	4749833.13	24	35	36
10973	Year-Round Residence	Non-Participating	339886.37	4749319.02	31	34	36
10974	Year-Round Residence	Non-Participating	339910.19	4749324.26	31	34	36
12403	Unknown	Non-Participating	339991.73	4749346.11	32	33	36
13602	Year-Round Residence	Non-Participating	340705.11	4751864.96	35	24	36
14896	Unknown	Non-Participating	341560.85	4749582.94	35	24	36
15233	Year-Round Residence	Non-Participating	342705.77	4750215.42	35	20	36
10471	Year-Round Residence	Non-Participating	338448.29	4750385.45	26	35	35
10590	Year-Round Residence	Non-Participating	339626.07	4749230.49	29	34	35
10854	Year-Round Residence	Non-Participating	338496.78	4750505.52	26	35	35
12004	Unknown	Non-Participating	340238.90	4749357.18	33	32	35
13201	Year-Round Residence	Non-Participating	340522.93	4752029.65	35	24	35
13601	Year-Round Residence	Non-Participating	340631.53	4751904.21	35	24	35
14882	Year-Round Residence	Non-Participating	341415.39	4749462.26	35	24	35
14897	Unknown	Non-Participating	341592.33	4749598.38	35	24	35
15252	Year-Round Residence	Non-Participating	342279.12	4750034.79	35	21	35
10472	Year-Round Residence	Non-Participating	338439.55	4750358.80	26	35	35
10863	Year-Round Residence	Non-Participating	338418.65	4750000.84	25	35	35
10864	Year-Round Residence	Non-Participating	338432.51	4749928.46	25	35	35
10866	Year-Round Residence	Non-Participating	338514.09	4749716.24	24	35	35
10966	Year-Round Residence	Non-Participating	339894.58	4749285.86	31	33	35
11611	Year-Round Residence	Non-Participating	339758.86	4751866.72	35	27	35
15386	Year-Round Residence	Non-Participating	341195.30	4749337.18	35	25	35
15390	Year-Round Residence	Non-Participating	341354.44	4749413.87	35	25	35
15393	Year-Round Residence	Non-Participating	341002.06	4749283.56	35	26	35
10561	Year-Round Residence	Non-Participating	339436.39	4749184.85	28	34	35
10566	Year-Round Residence	Non-Participating	339471.06	4749186.44	28	34	35
10856	Year-Round Residence	Non-Participating	338447.22	4750433.29	26	35	35
10857	Year-Round Residence	Non-Participating	338444.74	4750411.73	26	35	35
10870	Year-Round Residence	Non-Participating	338984.13	4749254.91	26	35	35
10967	Year-Round Residence	Non-Participating	339840.16	4749264.41	30	34	35
14898	Unknown	Non-Participating	341621.55	4749611.24	35	24	35
15244	Year-Round Residence	Non-Participating	342523.40	4750098.63	35	20	35
10485	Year-Round Residence	Non-Participating	338428.90	4749868.49	25	35	35
10488	Year-Round Residence	Non-Participating	338441.03	4749824.97	25	35	35
10555	Year-Round Residence	Non-Participating	339339.75	4749176.41	27	34	35
10556	Year-Round Residence	Non-Participating	339390.18	4749167.81	27	34	35
10565	Year-Round Residence	Non-Participating	339471.47	4749171.26	28	34	35
10582	Year-Round Residence	Non-Participating	339681.06	4749204.35	29	34	35
15246	Year-Round Residence	Non-Participating	342504.50	4750077.23	35	20	35
15251	Year-Round Residence	Non-Participating	342309.85	4750017.93	35	21	35
15389	Year-Round Residence	Non-Participating	341395.58	4749411.18	35	24	35
10487	Year-Round Residence	Non-Participating	338439.79	4749800.10	25	35	35
10554	Year-Round Residence	Non-Participating	339344.21	4749160.80	27	34	35
10581	Year-Round Residence	Non-Participating	339720.50	4749203.65	29	34	35
10952	Year-Round Residence	Non-Participating	339623.27	4749185.95	29	34	35
15444	Year-Round Residence	Participating	342275.19	4751501.56	35	20	35
10557	Year-Round Residence	Non-Participating	339393.07	4749150.70	27	34	35
10564	Year-Round Residence	Non-Participating	339471.13	4749156.41	28	34	35
10944	Year-Round Residence	Non-Participating	339569.49	4749163.62	28	34	35
10950	Year-Round Residence	Non-Participating	339594.87	4749171.11	28	34	35
11612	Year-Round Residence	Non-Participating	339743.86	4751899.81	34	27	35
15219	Year-Round Residence	Non-Participating	343135.06	4750791.69	35	18	35
15392	Year-Round Residence	Non-Participating	341046.18	4749257.65	34	26	35
10553	Year-Round Residence	Non-Participating	339346.30	4749146.77	27	34	35
10563	Year-Round Residence	Non-Participating	339490.90	4749144.16	28	34	35
10583	Year-Round Residence	Non-Participating	339786.54	4749201.78	30	33	35
10586	Year-Round Residence	Non-Participating	339864.89	4749220.27	30	33	35
10940	Year-Round Residence	Non-Participating	339502.35	4749151.21	28	34	35
10941	Year-Round Residence	Non-Participating	339519.90	4749151.89	28	34	35
10942	Year-Round Residence	Non-Participating	339530.50	4749155.36	28	34	35

Table 19-7.1b: Cumulative Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Sound Level

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM NAD83 Zone 18N (meters)		Trelina Project Only Maximum 1-hr Leq (dBA)	Zotos Project Only Maximum 1-hr Leq (dBA)	Cumulative Maximum 1-hr Leq (dBA)
			X (m)	Y (m)			
10943	Year-Round Residence	Non-Participating	339543.87	4749155.26	28	34	35
10960	Year-Round Residence	Non-Participating	339832.94	4749208.23	30	33	35
12404	Unknown	Non-Participating	340108.32	4749270.01	32	32	35
14809	Year-Round Residence	Non-Participating	343131.92	4750865.55	35	18	35
14899	Unknown	Non-Participating	341664.24	4749599.78	35	23	35
14900	Year-Round Residence	Non-Participating	341686.03	4749613.25	35	23	35
15254	Year-Round Residence	Non-Participating	342247.71	4749964.77	35	21	35
15388	Year-Round Residence	Non-Participating	341371.31	4749366.31	34	24	35
10552	Year-Round Residence	Non-Participating	339349.04	4749132.73	27	34	35
10559	Year-Round Residence	Non-Participating	339407.26	4749129.19	27	34	35
10560	Year-Round Residence	Non-Participating	339439.26	4749129.53	27	34	35
10562	Year-Round Residence	Non-Participating	339471.67	4749137.29	28	34	35
10865	Year-Round Residence	Non-Participating	338488.08	4749635.62	25	34	35
10937	Year-Round Residence	Non-Participating	339480.27	4749134.96	28	34	35
10965	Year-Round Residence	Non-Participating	339914.84	4749224.02	30	33	35
12406	Year-Round Residence	Non-Participating	340293.01	4749252.41	33	31	35
13604	Year-Round Residence	Non-Participating	340774.82	4751961.14	34	24	35
15272	Year-Round Residence	Non-Participating	341781.99	4749688.10	34	23	35
10558	Year-Round Residence	Non-Participating	339391.84	4749126.05	27	34	35
10852	Year-Round Residence	Non-Participating	338526.28	4750707.01	26	34	35
15255	Year-Round Residence	Non-Participating	342218.14	4749937.06	34	21	35
15387	Year-Round Residence	Non-Participating	341352.88	4749346.21	34	25	35
15391	Year-Round Residence	Non-Participating	341174.90	4749269.96	34	25	35
10489	Year-Round Residence	Non-Participating	338410.96	4749738.98	24	34	35
10579	Year-Round Residence	Non-Participating	339741.21	4749152.50	29	33	35
10580	Year-Round Residence	Non-Participating	339774.86	4749157.39	29	33	35
10867	Year-Round Residence	Non-Participating	338726.06	4749353.56	24	34	35
10954	Year-Round Residence	Non-Participating	339633.44	4749128.60	28	33	35
10958	Year-Round Residence	Non-Participating	339696.05	4749142.85	29	33	35
10961	Year-Round Residence	Non-Participating	339900.77	4749189.07	30	33	35
14818	Year-Round Residence	Non-Participating	341726.87	4749616.43	34	23	35
15229	Year-Round Residence	Non-Participating	342919.03	4750360.77	34	19	35
15256	Year-Round Residence	Non-Participating	342192.35	4749921.05	34	21	35
15257	Year-Round Residence	Non-Participating	342172.27	4749905.36	34	21	35
10570	Year-Round Residence	Non-Participating	339559.53	4749112.42	28	33	34
10571	Year-Round Residence	Non-Participating	339575.51	4749116.30	28	33	34
10572	Year-Round Residence	Non-Participating	339585.17	4749117.17	28	33	34
10573	Year-Round Residence	Non-Participating	339601.69	4749120.61	28	33	34
10578	Year-Round Residence	Non-Participating	339676.45	4749129.33	29	33	34
10584	Year-Round Residence	Non-Participating	339832.02	4749164.14	30	33	34
10585	Year-Round Residence	Non-Participating	339845.43	4749170.49	30	33	34
10953	Year-Round Residence	Non-Participating	339616.93	4749125.71	28	33	34
10959	Year-Round Residence	Non-Participating	339718.41	4749142.98	29	33	34
10962	Unknown	Non-Participating	339877.07	4749178.49	30	33	34
10963	Year-Round Residence	Non-Participating	339985.75	4749196.05	31	32	34
11613	Year-Round Residence	Non-Participating	339754.62	4751956.97	34	26	34
12005	Year-Round Residence	Non-Participating	340098.98	4749221.53	31	32	34
12407	Year-Round Residence	Non-Participating	340060.43	4749213.26	31	32	34
14902	Year-Round Residence	Non-Participating	341277.41	4749286.37	34	25	34
15258	Year-Round Residence	Non-Participating	342153.59	4749893.56	34	22	34
15376	Year-Round Residence	Non-Participating	341475.99	4749390.98	34	24	34
10492	Year-Round Residence	Non-Participating	338485.66	4749560.33	24	34	34
10568	Year-Round Residence	Non-Participating	339542.83	4749101.45	28	33	34
12405	Year-Round Residence	Non-Participating	340203.67	4749199.67	32	31	34
14883	Year-Round Residence	Non-Participating	341510.02	4749403.30	34	24	34
15267	Year-Round Residence	Non-Participating	341934.66	4749769.75	34	22	34
15377	Year-Round Residence	Non-Participating	341467.76	4749376.54	34	24	34
10490	Year-Round Residence	Non-Participating	338405.81	4749687.78	24	34	34
10493	Year-Round Residence	Non-Participating	338499.65	4749530.74	24	34	34
14887	Year-Round Residence	Non-Participating	341438.55	4749345.33	34	24	34
15271	Year-Round Residence	Non-Participating	341854.23	4749684.26	34	23	34

Table 19-7.1b: Cumulative Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Sound Level

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM NAD83 Zone 18N (meters)		Trelina Project Only Maximum 1-hr Leq (dBA)	Zotos Project Only Maximum 1-hr Leq (dBA)	Cumulative Maximum 1-hr Leq (dBA)
			X (m)	Y (m)			
15374	Year-Round Residence	Non-Participating	341571.95	4749437.25	34	24	34
15378	Year-Round Residence	Non-Participating	341478.51	4749367.12	34	24	34
10577	Year-Round Residence	Non-Participating	339674.80	4749101.09	28	33	34
13236	Unknown	Non-Participating	340158.40	4749179.10	31	31	34
15270	Year-Round Residence	Non-Participating	341881.24	4749696.30	34	23	34
15273	Unknown	Non-Participating	341730.41	4749560.89	34	23	34
15379	Year-Round Residence	Non-Participating	341482.28	4749359.61	34	24	34
10491	Year-Round Residence	Non-Participating	338418.92	4749630.26	24	34	34
10494	Year-Round Residence	Non-Participating	338598.65	4749415.95	21	34	34
10576	Year-Round Residence	Non-Participating	339669.60	4749084.72	28	33	34
10936	Year-Round Residence	Non-Participating	339344.21	4749061.14	27	33	34
11208	Year-Round Residence	Non-Participating	339757.20	4752001.89	33	26	34
12408	Year-Round Residence	Non-Participating	340405.87	4749150.48	32	29	34
15259	Year-Round Residence	Non-Participating	342111.77	4749866.57	34	22	34
15268	Year-Round Residence	Non-Participating	341938.13	4749730.37	34	22	34
15373	Year-Round Residence	Non-Participating	341513.07	4749373.96	34	24	34
10550	Year-Round Residence	Non-Participating	339302.21	4749054.02	27	33	34
10575	Year-Round Residence	Non-Participating	339665.23	4749071.28	28	33	34
13316	Year-Round Residence	Non-Participating	343145.65	4750548.17	34	18	34
13317	Year-Round Residence	Non-Participating	343129.74	4750522.98	34	18	34
13625	Year-Round Residence	Non-Participating	340838.77	4749122.77	33	27	34
15218	Year-Round Residence	Non-Participating	343188.08	4750657.29	34	18	34
15372	Year-Round Residence	Non-Participating	341521.41	4749364.60	34	24	34
10470	Year-Round Residence	Non-Participating	338345.02	4750537.91	25	33	34
10549	Year-Round Residence	Non-Participating	339288.97	4749050.18	26	33	34
10932	Year-Round Residence	Non-Participating	339273.78	4749047.70	26	33	34
14884	Year-Round Residence	Non-Participating	341392.56	4749280.44	33	24	34
15380	Year-Round Residence	Non-Participating	341501.57	4749341.03	33	24	34
15403	Year-Round Residence	Non-Participating	338482.20	4749485.41	24	33	34
10851	Year-Round Residence	Non-Participating	338510.50	4750846.91	26	33	34
10935	Year-Round Residence	Non-Participating	339332.38	4749037.94	26	33	34
11616	Year-Round Residence	Non-Participating	340090.32	4752238.98	33	24	34
14885	Year-Round Residence	Non-Participating	341438.67	4749283.96	33	24	34
14886	Year-Round Residence	Non-Participating	341417.27	4749277.68	33	24	34
14903	Year-Round Residence	Non-Participating	341235.54	4749200.42	33	25	34
15261	Year-Round Residence	Non-Participating	342057.03	4749849.92	33	22	34
10544	Year-Round Residence	Non-Participating	339221.01	4749077.65	22	33	34
11209	Year-Round Residence	Non-Participating	339753.36	4752053.49	33	26	34
14819	Year-Round Residence	Non-Participating	341811.97	4749543.29	33	23	34
14891	Year-Round Residence	Non-Participating	341502.14	4749317.87	33	24	34
14892	Year-Round Residence	Non-Participating	341462.34	4749293.46	33	24	34
14894	Year-Round Residence	Non-Participating	341646.26	4749408.89	33	23	34
15260	Year-Round Residence	Non-Participating	342006.09	4749845.41	33	22	34
15402	Year-Round Residence	Non-Participating	338426.14	4749543.51	24	33	34
10924	Year-Round Residence	Non-Participating	338995.23	4749077.04	25	33	34
13314	Year-Round Residence	Non-Participating	343199.90	4750601.51	33	18	34
14890	Year-Round Residence	Non-Participating	341484.78	4749296.87	33	24	34
15220	Year-Round Residence	Non-Participating	343213.06	4750926.14	33	18	34
10543	Year-Round Residence	Non-Participating	339191.63	4749068.08	21	33	33
10850	Year-Round Residence	Non-Participating	338520.62	4750895.14	26	33	33
10933	Year-Round Residence	Non-Participating	339306.55	4749014.83	26	33	33
14895	Year-Round Residence	Non-Participating	341674.80	4749411.29	33	23	33
15262	Year-Round Residence	Non-Participating	342050.53	4749814.69	33	22	33
15407	Year-Round Residence	Non-Participating	338396.84	4749546.38	24	33	33
15601	Year-Round Residence	Non-Participating	338490.15	4749431.94	23	33	33
10469	Year-Round Residence	Non-Participating	338349.06	4750672.32	25	33	33
10926	Year-Round Residence	Non-Participating	339104.20	4749059.86	22	33	33
10927	Year-Round Residence	Non-Participating	339117.63	4749062.38	22	33	33
10929	Year-Round Residence	Non-Participating	339144.71	4749067.21	20	33	33
10930	Year-Round Residence	Non-Participating	339155.60	4749064.33	20	33	33
10931	Year-Round Residence	Non-Participating	339168.52	4749063.81	21	33	33

Table 19-7.1b: Cumulative Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Sound Level

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM NAD83 Zone 18N (meters)		Trelina Project Only Maximum 1-hr Leq (dBA)	Zotos Project Only Maximum 1-hr Leq (dBA)	Cumulative Maximum 1-hr Leq (dBA)
			X (m)	Y (m)			
14820	Year-Round Residence	Non-Participating	341869.30	4749558.13	33	23	33
14889	Year-Round Residence	Non-Participating	341529.20	4749293.88	33	24	33
15263	Year-Round Residence	Non-Participating	342029.56	4749798.58	33	22	33
15265	Year-Round Residence	Non-Participating	341987.32	4749772.47	33	22	33
15266	Year-Round Residence	Non-Participating	341967.36	4749762.45	33	22	33
15359	Year-Round Residence	Non-Participating	341605.87	4749349.31	33	23	33
15375	Year-Round Residence	Non-Participating	341547.37	4749302.64	33	24	33
15408	Year-Round Residence	Non-Participating	338432.46	4749476.97	24	33	33
10540	Year-Round Residence	Non-Participating	339055.81	4749052.47	24	33	33
10541	Year-Round Residence	Non-Participating	339074.24	4749053.35	23	33	33
10542	Year-Round Residence	Non-Participating	339086.43	4749058.96	23	33	33
10928	Year-Round Residence	Non-Participating	339130.07	4749059.91	21	33	33
14888	Year-Round Residence	Non-Participating	341513.11	4749270.89	33	24	33
14893	Year-Round Residence	Non-Participating	341725.08	4749424.55	33	23	33
15221	Year-Round Residence	Non-Participating	343223.12	4750963.47	33	18	33
15264	Year-Round Residence	Non-Participating	342008.19	4749784.22	33	22	33
15358	Year-Round Residence	Non-Participating	341639.08	4749354.22	33	23	33
10539	Year-Round Residence	Non-Participating	339036.66	4749049.21	24	33	33
10934	Year-Round Residence	Non-Participating	339317.65	4748992.73	25	32	33
13315	Year-Round Residence	Non-Participating	343163.80	4750565.44	33	18	33
13715	Year-Round Residence	Non-Participating	343256.18	4750859.39	33	18	33
14821	Year-Round Residence	Non-Participating	341883.25	4749535.97	33	22	33
14869	Year-Round Residence	Non-Participating	341613.68	4749326.85	33	23	33
15357	Year-Round Residence	Non-Participating	341660.85	4749357.21	33	23	33
15405	Year-Round Residence	Non-Participating	338365.66	4749544.06	24	33	33
15409	Year-Round Residence	Non-Participating	338386.61	4749502.94	24	33	33
10925	Year-Round Residence	Non-Participating	339017.25	4749043.98	24	33	33
14822	Year-Round Residence	Non-Participating	341884.18	4749518.91	33	22	33
14870	Year-Round Residence	Non-Participating	341617.83	4749307.10	33	23	33
15253	Year-Round Residence	Non-Participating	342342.09	4749971.33	33	21	33
15406	Year-Round Residence	Non-Participating	338351.11	4749540.47	24	33	33
15626	Year-Round Residence	Non-Participating	342144.76	4751775.26	33	20	33
10923	Year-Round Residence	Non-Participating	339006.02	4749032.45	24	32	33
14823	Year-Round Residence	Non-Participating	341891.12	4749496.92	33	22	33
14871	Year-Round Residence	Non-Participating	341568.78	4749271.11	32	23	33
15356	Year-Round Residence	Non-Participating	341718.00	4749364.41	32	23	33
15605	Year-Round Residence	Non-Participating	338463.16	4749384.09	23	33	33
10547	Year-Round Residence	Non-Participating	339126.49	4749009.76	22	32	33
14873	Year-Round Residence	Non-Participating	341577.40	4749254.97	32	23	33
15400	Year-Round Residence	Non-Participating	338355.89	4749501.48	24	32	33
15404	Year-Round Residence	Non-Participating	338315.40	4749569.26	24	32	33
15604	Year-Round Residence	Non-Participating	338464.40	4749362.22	23	32	33
10546	Year-Round Residence	Non-Participating	339110.38	4749005.11	22	32	33
14824	Year-Round Residence	Non-Participating	341900.30	4749476.61	32	22	33
15363	Year-Round Residence	Non-Participating	341626.53	4749275.45	32	23	33
15411	Year-Round Residence	Non-Participating	338414.45	4749400.52	24	32	33
15603	Year-Round Residence	Non-Participating	338463.70	4749351.32	23	32	33
15625	Year-Round Residence	Non-Participating	342136.13	4751819.12	32	20	33
10545	Year-Round Residence	Non-Participating	339096.46	4749000.42	22	32	33
10919	Year-Round Residence	Non-Participating	339063.31	4748998.13	22	32	33
10920	Year-Round Residence	Non-Participating	339077.13	4748998.90	22	32	33
10922	Year-Round Residence	Non-Participating	338990.74	4749025.82	21	32	33
12001	Year-Round Residence	Non-Participating	340107.89	4752309.78	32	24	33
14827	Year-Round Residence	Non-Participating	341856.97	4749422.14	32	22	33
14872	Year-Round Residence	Non-Participating	341585.84	4749240.80	32	23	33
15269	Year-Round Residence	Non-Participating	342067.31	4749572.35	32	22	33
15401	Year-Round Residence	Non-Participating	338324.45	4749506.59	23	32	33
15410	Year-Round Residence	Non-Participating	338387.62	4749415.57	23	32	33
10918	Year-Round Residence	Non-Participating	339046.99	4748994.15	22	32	33
10956	Unknown	Non-Participating	339664.75	4749021.37	22	32	33
10957	Unknown	Non-Participating	339616.64	4749012.34	22	32	33

Table 19-7.1b: Cumulative Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Sound Level

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM NAD83 Zone 18N (meters)		Trelina Project Only Maximum 1-hr Leq (dBA)	Zotos Project Only Maximum 1-hr Leq (dBA)	Cumulative Maximum 1-hr Leq (dBA)
			X (m)	Y (m)			
11614	Year-Round Residence	Non-Participating	339758.02	4752187.42	32	25	33
13313	Year-Round Residence	Non-Participating	343236.59	4750605.92	32	18	33
14825	Year-Round Residence	Non-Participating	341903.77	4749456.01	32	22	33
14868	Year-Round Residence	Non-Participating	341685.04	4749294.20	32	23	33
14874	Year-Round Residence	Non-Participating	341585.00	4749223.56	32	23	33
14912	Year-Round Residence	Non-Participating	338482.31	4749284.93	24	32	33
15355	Year-Round Residence	Non-Participating	341730.52	4749318.26	32	23	33
15362	Year-Round Residence	Non-Participating	341632.63	4749255.00	32	23	33
10917	Year-Round Residence	Non-Participating	339033.74	4748989.65	21	32	32
10921	Year-Round Residence	Non-Participating	338970.28	4749022.59	19	32	32
10955	Unknown	Non-Participating	339664.50	4749006.31	22	32	32
14826	Year-Round Residence	Non-Participating	341906.73	4749432.35	32	22	32
14829	Year-Round Residence	Non-Participating	341866.11	4749400.53	32	22	32
14867	Year-Round Residence	Non-Participating	341723.83	4749293.96	32	23	32
15222	Year-Round Residence	Non-Participating	343251.74	4751084.64	32	17	32
15250	Year-Round Residence	Non-Participating	342381.96	4749989.63	32	21	32
15364	Year-Round Residence	Non-Participating	341588.96	4749205.13	32	23	32
15637	Year-Round Residence	Non-Participating	338172.35	4749788.46	23	32	32
10535	Year-Round Residence	Non-Participating	339128.38	4748954.90	22	32	32
10536	Year-Round Residence	Non-Participating	339110.58	4748967.22	22	32	32
10848	Year-Round Residence	Non-Participating	338352.74	4750894.07	25	31	32
10881	Year-Round Residence	Non-Participating	338944.63	4749018.66	19	32	32
10916	Year-Round Residence	Non-Participating	339017.21	4748986.11	21	32	32
15360	Year-Round Residence	Non-Participating	341642.08	4749236.88	32	23	32
15602	Year-Round Residence	Non-Participating	338385.45	4749360.58	23	32	32
15650	Year-Round Residence	Non-Participating	342812.91	4749934.94	32	19	32
10880	Year-Round Residence	Non-Participating	338923.93	4749014.78	19	32	32
10913	Year-Round Residence	Non-Participating	339126.54	4748943.20	22	32	32
14866	Year-Round Residence	Non-Participating	341689.47	4749239.06	32	23	32
15288	Year-Round Residence	Non-Participating	341292.20	4749043.81	32	24	32
15361	Year-Round Residence	Non-Participating	341642.63	4749222.89	32	23	32
15365	Year-Round Residence	Non-Participating	341596.75	4749191.41	32	23	32
15396	Year-Round Residence	Non-Participating	338462.19	4749249.58	23	32	32
15648	Year-Round Residence	Non-Participating	342826.95	4749954.71	32	19	32
10879	Year-Round Residence	Non-Participating	338906.91	4749008.62	19	32	32
10914	Year-Round Residence	Non-Participating	338987.03	4748979.39	19	32	32
10915	Year-Round Residence	Non-Participating	338999.80	4748981.93	19	32	32
13716	Year-Round Residence	Non-Participating	343301.94	4751021.22	32	17	32
14828	Year-Round Residence	Non-Participating	341926.09	4749397.40	32	22	32
14830	Year-Round Residence	Non-Participating	341876.71	4749365.78	32	22	32
14875	Year-Round Residence	Non-Participating	341604.96	4749176.37	32	23	32
15286	Year-Round Residence	Non-Participating	341339.45	4749049.27	31	24	32
15651	Year-Round Residence	Non-Participating	342803.72	4749916.37	32	19	32
15652	Year-Round Residence	Non-Participating	342757.26	4749916.12	32	19	32
15656	Year-Round Residence	Non-Participating	342742.37	4749897.68	32	19	32
10504	Year-Round Residence	Non-Participating	338883.33	4749003.28	19	32	32
14876	Year-Round Residence	Non-Participating	341615.66	4749165.42	31	23	32
15232	Year-Round Residence	Non-Participating	342849.50	4750003.38	32	19	32
15287	Year-Round Residence	Non-Participating	341351.88	4749037.19	31	24	32
15289	Year-Round Residence	Non-Participating	341310.85	4749025.91	31	24	32
15399	Year-Round Residence	Non-Participating	338389.85	4749305.01	23	31	32
15649	Year-Round Residence	Non-Participating	342804.66	4749899.75	32	19	32
15653	Year-Round Residence	Non-Participating	342768.43	4749906.26	32	19	32
15655	Year-Round Residence	Non-Participating	342753.06	4749866.87	32	19	32
10503	Year-Round Residence	Non-Participating	338870.97	4748999.42	19	32	32
10912	Year-Round Residence	Non-Participating	339117.51	4748913.27	21	32	32
14831	Year-Round Residence	Non-Participating	341929.06	4749374.19	32	22	32
14832	Year-Round Residence	Non-Participating	341885.17	4749333.27	31	22	32
14836	Year-Round Residence	Non-Participating	341321.71	4749012.12	31	24	32
14865	Year-Round Residence	Non-Participating	341744.63	4749245.44	31	23	32
14877	Year-Round Residence	Non-Participating	341651.97	4749181.18	31	23	32

Table 19-7.1b: Cumulative Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Sound Level

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM NAD83 Zone 18N (meters)		Trelina Project Only Maximum 1-hr Leq (dBA)	Zotos Project Only Maximum 1-hr Leq (dBA)	Cumulative Maximum 1-hr Leq (dBA)
			X (m)	Y (m)			
15397	Year-Round Residence	Non-Participating	338424.16	4749254.41	23	31	32
10502	Year-Round Residence	Non-Participating	338847.65	4748995.82	19	32	32
10537	Year-Round Residence	Non-Participating	338948.45	4748960.86	19	32	32
13717	Year-Round Residence	Non-Participating	343308.63	4751083.73	32	17	32
14833	Year-Round Residence	Non-Participating	341932.96	4749353.13	31	22	32
14837	Year-Round Residence	Non-Participating	341331.67	4749006.87	31	24	32
15290	Year-Round Residence	Non-Participating	341365.13	4749022.25	31	24	32
15366	Year-Round Residence	Non-Participating	341600.88	4749142.17	31	23	32
15483	Year-Round Residence	Non-Participating	342705.41	4749853.11	32	20	32
10498	Year-Round Residence	Non-Participating	338814.82	4749007.51	19	32	32
10911	Year-Round Residence	Non-Participating	339121.49	4748896.14	21	31	32
14834	Year-Round Residence	Non-Participating	341894.20	4749306.85	31	22	32
14878	Year-Round Residence	Non-Participating	341676.85	4749166.85	31	23	32
15278	Year-Round Residence	Non-Participating	341936.95	4749336.01	31	22	32
15291	Year-Round Residence	Non-Participating	341342.03	4748999.64	31	24	32
10501	Year-Round Residence	Non-Participating	338815.63	4748985.86	19	31	32
10510	Year-Round Residence	Non-Participating	338879.70	4748960.78	19	31	32
10853	Year-Round Residence	Non-Participating	338137.99	4750679.91	24	31	32
10910	Year-Round Residence	Non-Participating	339121.16	4748881.74	21	31	32
11617	Year-Round Residence	Non-Participating	339746.76	4752303.08	31	24	32
13718	Year-Round Residence	Non-Participating	343316.62	4751107.56	31	17	32
14864	Year-Round Residence	Non-Participating	341766.86	4749211.73	31	23	32
14879	Year-Round Residence	Non-Participating	341684.93	4749146.79	31	23	32
15292	Year-Round Residence	Non-Participating	341349.88	4748988.32	31	24	32
15293	Year-Round Residence	Non-Participating	341377.29	4749008.00	31	24	32
15354	Year-Round Residence	Non-Participating	341721.67	4749181.10	31	23	32
15422	Year-Round Residence	Non-Participating	338039.32	4750260.58	23	31	32
15654	Year-Round Residence	Non-Participating	342753.76	4749839.77	31	19	32
10500	Year-Round Residence	Non-Participating	338797.58	4748982.58	19	31	32
10509	Year-Round Residence	Non-Participating	338861.37	4748954.87	19	31	32
11615	Year-Round Residence	Non-Participating	339565.44	4752196.72	31	25	32
14838	Year-Round Residence	Non-Participating	341398.40	4749001.40	31	24	32
14906	Year-Round Residence	Non-Participating	338551.44	4749129.99	19	31	32
15279	Year-Round Residence	Non-Participating	341901.59	4749284.85	31	22	32
15294	Year-Round Residence	Non-Participating	341360.04	4748973.02	31	24	32
15353	Year-Round Residence	Non-Participating	341771.61	4749189.56	31	22	32
10499	Year-Round Residence	Non-Participating	338786.21	4748983.93	19	31	31
13713	Year-Round Residence	Non-Participating	343035.54	4750476.23	31	18	31
14907	Year-Round Residence	Non-Participating	338549.25	4749111.70	19	31	31
15277	Year-Round Residence	Non-Participating	341946.72	4749303.03	31	22	31
15280	Year-Round Residence	Non-Participating	341906.39	4749265.08	31	22	31
15352	Year-Round Residence	Non-Participating	341725.23	4749155.03	31	23	31
15423	Year-Round Residence	Non-Participating	338014.90	4750228.83	23	31	31
10508	Year-Round Residence	Non-Participating	338837.84	4748942.10	19	31	31
10513	Year-Round Residence	Non-Participating	338867.97	4748927.64	19	31	31
10849	Year-Round Residence	Non-Participating	338165.01	4750812.90	24	30	31
10904	Year-Round Residence	Non-Participating	339117.19	4748852.57	21	31	31
14841	Year-Round Residence	Non-Participating	341428.66	4748992.62	31	24	31
14842	Year-Round Residence	Non-Participating	341446.02	4749004.01	31	23	31
14905	Year-Round Residence	Non-Participating	338716.67	4748997.70	18	31	31
14908	Year-Round Residence	Non-Participating	338547.21	4749099.52	19	31	31
15295	Year-Round Residence	Non-Participating	341370.05	4748960.12	31	24	31
15350	Year-Round Residence	Non-Participating	341700.93	4749118.25	31	23	31
15424	Year-Round Residence	Non-Participating	338002.02	4750202.93	23	31	31
15466	Year-Round Residence	Non-Participating	338767.51	4748980.85	18	31	31
10506	Year-Round Residence	Non-Participating	338811.07	4748940.76	18	31	31
10507	Year-Round Residence	Non-Participating	338824.93	4748943.06	19	31	31
10903	Year-Round Residence	Non-Participating	339066.52	4748841.74	21	31	31
11211	Year-Round Residence	Non-Participating	339661.48	4752302.31	30	24	31
14835	Year-Round Residence	Non-Participating	341958.25	4749270.88	31	22	31
14844	Year-Round Residence	Non-Participating	341465.22	4749009.68	30	23	31

Table 19-7.1b: Cumulative Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Sound Level

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM NAD83 Zone 18N (meters)		Trelina Project Only Maximum 1-hr Leq (dBA)	Zotos Project Only Maximum 1-hr Leq (dBA)	Cumulative Maximum 1-hr Leq (dBA)
			X (m)	Y (m)			
15281	Year-Round Residence	Non-Participating	341911.15	4749243.13	31	22	31
15351	Year-Round Residence	Non-Participating	341782.34	4749169.88	31	22	31
15419	Year-Round Residence	Non-Participating	337993.90	4750342.00	23	30	31
15420	Year-Round Residence	Non-Participating	337999.32	4750311.30	23	31	31
15421	Year-Round Residence	Non-Participating	337993.30	4750279.13	23	31	31
15465	Year-Round Residence	Non-Participating	338753.35	4748975.07	18	31	31
10505	Year-Round Residence	Non-Participating	338793.65	4748936.58	18	31	31
10514	Year-Round Residence	Non-Participating	338872.00	4748912.47	19	31	31
10900	Year-Round Residence	Non-Participating	339054.52	4748835.03	21	31	31
10905	Year-Round Residence	Non-Participating	339118.05	4748814.76	22	31	31
14839	Year-Round Residence	Non-Participating	341407.83	4748954.00	30	24	31
15249	Year-Round Residence	Non-Participating	342467.03	4750048.82	31	20	31
15282	Year-Round Residence	Non-Participating	341914.68	4749225.14	31	22	31
15367	Year-Round Residence	Non-Participating	341626.35	4749105.99	30	23	31
15417	Year-Round Residence	Non-Participating	337999.49	4750430.09	23	30	31
15646	Year-Round Residence	Non-Participating	342733.27	4749806.62	31	19	31
10511	Year-Round Residence	Non-Participating	338835.52	4748908.52	18	31	31
10890	Year-Round Residence	Non-Participating	338879.58	4748890.02	19	31	31
10897	Year-Round Residence	Non-Participating	339028.78	4748831.05	20	31	31
10899	Year-Round Residence	Non-Participating	339042.19	4748832.70	21	31	31
10902	Year-Round Residence	Non-Participating	339076.02	4748807.45	21	31	31
13719	Year-Round Residence	Non-Participating	343365.67	4751144.65	31	17	31
14840	Year-Round Residence	Non-Participating	341425.99	4748952.93	30	23	31
14843	Year-Round Residence	Non-Participating	341443.10	4748962.80	30	23	31
14918	Year-Round Residence	Non-Participating	338514.35	4749081.51	19	31	31
15297	Year-Round Residence	Non-Participating	341542.41	4749059.01	30	23	31
15298	Year-Round Residence	Non-Participating	341558.20	4749068.91	30	23	31
15348	Year-Round Residence	Non-Participating	341795.61	4749146.43	30	22	31
15413	Year-Round Residence	Non-Participating	338002.21	4750508.63	23	30	31
15416	Year-Round Residence	Non-Participating	338002.25	4750472.82	23	30	31
10512	Year-Round Residence	Non-Participating	338837.90	4748897.98	18	31	31
10889	Year-Round Residence	Non-Participating	338882.59	4748878.37	19	31	31
10894	Year-Round Residence	Non-Participating	339015.36	4748828.74	20	31	31
10906	Year-Round Residence	Non-Participating	339117.11	4748792.94	21	30	31
13720	Year-Round Residence	Non-Participating	343357.06	4751179.99	31	17	31
14846	Year-Round Residence	Non-Participating	341496.72	4749025.99	30	23	31
14847	Year-Round Residence	Non-Participating	341514.20	4749033.01	30	23	31
14919	Year-Round Residence	Non-Participating	338513.64	4749069.73	19	31	31
15283	Year-Round Residence	Non-Participating	341918.73	4749191.42	30	22	31
15296	Year-Round Residence	Non-Participating	341530.07	4749046.62	30	23	31
15299	Year-Round Residence	Non-Participating	341574.42	4749078.14	30	23	31
15395	Year-Round Residence	Non-Participating	338765.90	4748928.40	18	31	31
15464	Year-Round Residence	Non-Participating	338749.61	4748927.98	18	31	31
15469	Year-Round Residence	Non-Participating	338641.90	4748989.48	18	31	31
15647	Year-Round Residence	Non-Participating	342701.70	4749786.81	31	20	31
10515	Year-Round Residence	Non-Participating	338835.09	4748881.01	18	31	31
10887	Year-Round Residence	Non-Participating	338889.12	4748857.69	18	31	31
10888	Year-Round Residence	Non-Participating	338882.53	4748866.14	18	31	31
10893	Year-Round Residence	Non-Participating	338994.78	4748820.27	20	30	31
10901	Year-Round Residence	Non-Participating	339064.27	4748802.04	20	30	31
10907	Year-Round Residence	Non-Participating	339115.76	4748782.49	21	30	31
10908	Year-Round Residence	Non-Participating	339117.65	4748778.73	21	30	31
14845	Year-Round Residence	Non-Participating	341486.52	4748982.98	30	23	31
14920	Year-Round Residence	Non-Participating	338514.61	4749055.29	19	31	31
15368	Year-Round Residence	Non-Participating	341647.36	4749085.63	30	23	31
15468	Year-Round Residence	Non-Participating	338674.05	4748958.58	18	31	31
15479	Year-Round Residence	Non-Participating	338738.58	4748924.75	18	31	31
15606	Year-Round Residence	Non-Participating	338040.87	4750698.12	24	30	31
15624	Year-Round Residence	Non-Participating	342270.87	4751905.09	30	19	31
10516	Year-Round Residence	Non-Participating	338845.04	4748865.71	18	30	31
10886	Year-Round Residence	Non-Participating	338889.96	4748846.75	18	30	31

Table 19-7.1b: Cumulative Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Sound Level

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM NAD83 Zone 18N (meters)		Trelina Project Only Maximum 1-hr Leq (dBA)	Zotos Project Only Maximum 1-hr Leq (dBA)	Cumulative Maximum 1-hr Leq (dBA)
			X (m)	Y (m)			
10896	Year-Round Residence	Non-Participating	339034.61	4748799.02	20	30	31
13318	Year-Round Residence	Non-Participating	343248.60	4750824.85	31	18	31
14848	Year-Round Residence	Non-Participating	341517.49	4749004.76	30	23	31
15284	Year-Round Residence	Non-Participating	341971.18	4749222.97	30	22	31
15418	Year-Round Residence	Non-Participating	338006.59	4750396.73	18	30	31
15478	Year-Round Residence	Non-Participating	338722.23	4748919.45	18	30	31
10517	Year-Round Residence	Non-Participating	338850.86	4748852.47	18	30	31
10530	Year-Round Residence	Non-Participating	338949.31	4748816.09	19	30	31
10534	Year-Round Residence	Non-Participating	339010.37	4748793.48	19	30	31
10885	Year-Round Residence	Non-Participating	338894.04	4748833.55	18	30	31
10895	Year-Round Residence	Non-Participating	339023.67	4748790.32	19	30	31
14810	Year-Round Residence	Non-Participating	343359.95	4751256.39	30	17	31
15216	Year-Round Residence	Non-Participating	343265.72	4750717.96	30	18	31
15300	Year-Round Residence	Non-Participating	341580.05	4749037.17	30	23	31
15306	Year-Round Residence	Non-Participating	341554.85	4749018.53	30	23	31
15307	Year-Round Residence	Non-Participating	341520.99	4748985.46	30	23	31
15308	Year-Round Residence	Non-Participating	341551.87	4749003.32	30	23	31
15347	Year-Round Residence	Non-Participating	341750.07	4749119.96	30	22	31
15414	Year-Round Residence	Non-Participating	337950.55	4750510.72	23	30	31
15415	Year-Round Residence	Non-Participating	337955.29	4750488.78	23	30	31
10518	Year-Round Residence	Non-Participating	338851.31	4748834.33	18	30	31
10528	Year-Round Residence	Non-Participating	338928.26	4748806.76	18	30	31
10529	Year-Round Residence	Non-Participating	338937.74	4748808.94	18	30	31
10532	Year-Round Residence	Non-Participating	338983.84	4748783.83	20	30	31
10533	Year-Round Residence	Non-Participating	338997.54	4748788.53	20	30	31
10884	Year-Round Residence	Non-Participating	338893.90	4748818.48	18	30	31
14922	Year-Round Residence	Non-Participating	338544.10	4749004.37	18	30	31
15302	Year-Round Residence	Non-Participating	341582.22	4749017.03	30	23	31
15477	Year-Round Residence	Non-Participating	338762.38	4748874.39	18	30	31
15607	Year-Round Residence	Non-Participating	337957.43	4750579.56	23	30	31
15623	Year-Round Residence	Non-Participating	342269.48	4751940.05	30	19	31
10519	Year-Round Residence	Non-Participating	338855.19	4748822.01	18	30	30
10531	Year-Round Residence	Non-Participating	338971.51	4748781.50	19	30	30
10878	Year-Round Residence	Non-Participating	338805.64	4749017.99	19	30	30
10882	Year-Round Residence	Non-Participating	338812.86	4748839.82	18	30	30
11210	Year-Round Residence	Non-Participating	339502.04	4752323.50	29	24	30
13310	Year-Round Residence	Non-Participating	343430.45	4750564.16	30	17	30
15274	Year-Round Residence	Non-Participating	342018.11	4749262.51	30	22	30
15309	Year-Round Residence	Non-Participating	341521.84	4748965.13	30	23	30
15310	Year-Round Residence	Non-Participating	341557.07	4748981.58	30	23	30
15470	Year-Round Residence	Non-Participating	338672.48	4748910.14	18	30	30
15471	Year-Round Residence	Non-Participating	338659.86	4748914.36	18	30	30
10847	Year-Round Residence	Non-Participating	338423.12	4751296.33	24	29	30
10883	Year-Round Residence	Non-Participating	338898.02	4748797.85	18	30	30
14849	Year-Round Residence	Non-Participating	341562.17	4748965.30	29	23	30
15231	Unknown	Non-Participating	342813.83	4750264.48	30	19	30
15301	Year-Round Residence	Non-Participating	341619.83	4749022.93	30	23	30
15303	Year-Round Residence	Non-Participating	341589.49	4748999.61	30	23	30
15311	Year-Round Residence	Non-Participating	341526.07	4748948.88	29	23	30
15337	Year-Round Residence	Non-Participating	341700.48	4748965.17	30	22	30
15369	Year-Round Residence	Non-Participating	341694.14	4749099.41	29	23	30
15472	Year-Round Residence	Non-Participating	338641.75	4748908.67	18	30	30
10520	Year-Round Residence	Non-Participating	338861.92	4748791.06	18	30	30
10548	Year-Round Residence	Non-Participating	339105.21	4748728.41	19	30	30
10846	Year-Round Residence	Non-Participating	338565.49	4751424.41	24	29	30
10891	Year-Round Residence	Non-Participating	338922.14	4748769.99	18	30	30
11212	Year-Round Residence	Non-Participating	339619.56	4752409.74	29	24	30
15304	Year-Round Residence	Non-Participating	341596.55	4748982.63	29	23	30
15305	Year-Round Residence	Non-Participating	341633.79	4748981.99	29	23	30
15338	Year-Round Residence	Non-Participating	341688.65	4749003.66	29	23	30
15349	Year-Round Residence	Non-Participating	341663.19	4749059.06	29	23	30

Table 19-7.1b: Cumulative Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Sound Level

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM NAD83 Zone 18N (meters)		Trelina Project Only Maximum 1-hr Leq (dBA)	Zotos Project Only Maximum 1-hr Leq (dBA)	Cumulative Maximum 1-hr Leq (dBA)
			X (m)	Y (m)			
15473	Year-Round Residence	Non-Participating	338632.07	4748907.15	18	30	30
15474	Year-Round Residence	Non-Participating	338616.33	4748908.83	18	30	30
10521	Year-Round Residence	Non-Participating	338845.53	4748793.19	18	30	30
10522	Year-Round Residence	Non-Participating	338832.33	4748791.09	18	30	30
10527	Year-Round Residence	Non-Participating	338905.62	4748766.44	18	30	30
14850	Year-Round Residence	Non-Participating	341596.94	4748961.87	29	23	30
14851	Year-Round Residence	Non-Participating	341636.08	4748967.09	29	23	30
14852	Year-Round Residence	Non-Participating	341640.14	4748953.24	29	23	30
14855	Year-Round Residence	Non-Participating	341600.16	4748949.35	29	23	30
14856	Year-Round Residence	Non-Participating	341604.17	4748932.88	29	23	30
14857	Year-Round Residence	Non-Participating	341567.72	4748949.01	29	23	30
14858	Year-Round Residence	Non-Participating	341535.56	4748932.93	29	23	30
14853	Year-Round Residence	Non-Participating	341640.00	4748937.51	29	23	30
14854	Year-Round Residence	Non-Participating	341644.02	4748921.48	29	23	30
14859	Year-Round Residence	Non-Participating	341538.44	4748914.96	29	23	30
14861	Year-Round Residence	Non-Participating	341569.35	4748934.34	29	23	30
14862	Year-Round Residence	Non-Participating	341572.93	4748918.31	29	23	30
15313	Year-Round Residence	Non-Participating	341609.61	4748902.62	29	23	30
15315	Year-Round Residence	Non-Participating	341579.16	4748903.54	29	23	30
15476	Year-Round Residence	Non-Participating	338815.94	4748784.03	18	30	30
15645	Year-Round Residence	Non-Participating	342657.10	4749734.11	30	20	30
10456	Year-Round Residence	Non-Participating	339380.19	4752334.45	29	24	30
10525	Year-Round Residence	Non-Participating	338914.37	4748737.85	18	30	30
10526	Year-Round Residence	Non-Participating	338910.85	4748746.67	18	30	30
10574	Unknown	Non-Participating	339663.60	4748629.82	23	29	30
10845	Year-Round Residence	Non-Participating	338455.43	4751384.21	24	29	30
13712	Year-Round Residence	Non-Participating	343371.21	4750570.53	30	17	30
14860	Year-Round Residence	Non-Participating	341541.27	4748895.02	29	23	30
15312	Year-Round Residence	Non-Participating	341608.18	4748916.84	29	23	30
15316	Year-Round Residence	Non-Participating	341547.48	4748879.37	29	23	30
15318	Year-Round Residence	Non-Participating	341582.59	4748890.79	29	23	30
15608	Year-Round Residence	Non-Participating	337973.00	4750868.28	23	29	30
10468	Year-Round Residence	Non-Participating	338606.16	4751540.01	25	28	30
10523	Year-Round Residence	Non-Participating	338860.96	4748750.24	18	30	30
10909	Year-Round Residence	Non-Participating	339022.45	4748700.81	18	30	30
15314	Year-Round Residence	Non-Participating	341644.45	4748902.47	29	22	30
15317	Year-Round Residence	Non-Participating	341552.34	4748862.00	29	23	30
15319	Year-Round Residence	Non-Participating	341587.54	4748877.14	29	23	30
15325	Year-Round Residence	Non-Participating	341699.25	4748930.91	29	22	30
15475	Year-Round Residence	Non-Participating	338787.70	4748776.39	18	30	30
10524	Year-Round Residence	Non-Participating	338878.86	4748728.20	18	29	30
10843	Year-Round Residence	Non-Participating	338457.35	4751454.43	24	28	30
10844	Year-Round Residence	Non-Participating	338446.17	4751426.31	24	28	30
15276	Year-Round Residence	Non-Participating	342042.52	4749275.49	29	22	30
15621	Year-Round Residence	Non-Participating	342356.40	4752003.98	29	19	30
15622	Year-Round Residence	Non-Participating	342419.72	4752033.09	29	19	30
15636	Year-Round Residence	Non-Participating	338827.79	4748747.06	18	30	30
10892	Year-Round Residence	Non-Participating	338926.57	4748678.37	18	29	30
15320	Year-Round Residence	Non-Participating	341551.89	4748842.58	29	23	30
14909	Year-Round Residence	Non-Participating	338547.81	4749068.93	18	29	29
15322	Year-Round Residence	Non-Participating	341619.87	4748862.85	29	23	29
15480	Year-Round Residence	Non-Participating	338845.78	4748691.60	18	29	29
15323	Year-Round Residence	Non-Participating	341606.44	4748850.71	28	23	29
15324	Year-Round Residence	Non-Participating	341592.66	4748842.29	28	23	29
15644	Seasonal Residence	Non-Participating	342624.98	4749690.30	29	20	29
10464	Year-Round Residence	Non-Participating	338586.21	4751753.99	26	27	29
15321	Year-Round Residence	Non-Participating	341578.93	4748826.88	28	23	29
10465	Year-Round Residence	Non-Participating	338565.92	4751692.47	25	27	29
15223	Year-Round Residence	Non-Participating	343316.64	4751470.89	29	17	29
15275	Year-Round Residence	Non-Participating	342062.59	4749290.32	28	21	29
15481	Unknown	Non-Participating	338881.54	4748627.42	18	29	29

Table 19-7.1b: Cumulative Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Sound Level

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM NAD83 Zone 18N (meters)		Trelina Project Only Maximum 1-hr Leq (dBA)	Zotos Project Only Maximum 1-hr Leq (dBA)	Cumulative Maximum 1-hr Leq (dBA)
			X (m)	Y (m)			
10461	Year-Round Residence	Non-Participating	338582.99	4751852.13	25	26	29
10842	Year-Round Residence	Non-Participating	338354.11	4751536.77	24	27	29
15344	Year-Round Residence	Non-Participating	341811.40	4749108.94	28	22	29
14816	Year-Round Residence	Non-Participating	343333.02	4751420.31	29	17	29
10455	Year-Round Residence	Non-Participating	339265.44	4752327.09	27	24	29
10466	Year-Round Residence	Non-Participating	338487.23	4751681.65	24	27	29
15345	Year-Round Residence	Non-Participating	341755.25	4749088.17	28	22	29
15617	Year-Round Residence	Non-Participating	342322.06	4752229.44	28	19	29
10873	Year-Round Residence	Non-Participating	338840.50	4749093.17	19	28	29
15339	Year-Round Residence	Non-Participating	341752.44	4748994.33	27	22	29
15340	Year-Round Residence	Non-Participating	341741.73	4749005.49	27	22	29
15343	Year-Round Residence	Non-Participating	341813.15	4749089.68	27	22	29
15440	Year-Round Residence	Non-Participating	342460.07	4752172.14	28	18	29
10874	Year-Round Residence	Non-Participating	338840.68	4749082.03	19	28	29
14813	Year-Round Residence	Non-Participating	343308.29	4751373.71	28	17	29
15225	Year-Round Residence	Non-Participating	343367.14	4751513.84	28	17	29
15482	Year-Round Residence	Non-Participating	338772.04	4748594.60	17	28	29
10467	Year-Round Residence	Non-Participating	338373.47	4751633.24	23	27	28
10497	Year-Round Residence	Non-Participating	338802.77	4749091.87	19	28	28
10875	Year-Round Residence	Non-Participating	338841.99	4749072.39	19	28	28
15230	Year-Round Residence	Non-Participating	342905.00	4750149.72	28	19	28
15342	Year-Round Residence	Non-Participating	341814.80	4749075.44	27	22	28
15643	Seasonal Residence	Non-Participating	342614.12	4749675.70	28	20	28
10496	Year-Round Residence	Non-Participating	338800.06	4749125.57	19	28	28
10830	Year-Round Residence	Non-Participating	339133.07	4752307.04	26	24	28
10871	Year-Round Residence	Non-Participating	338805.88	4749074.98	19	28	28
10876	Year-Round Residence	Non-Participating	338844.96	4749059.00	19	28	28
13303	Year-Round Residence	Non-Participating	343462.73	4750826.96	28	17	28
15346	Year-Round Residence	Non-Participating	341771.10	4749071.86	27	22	28
15370	Year-Round Residence	Non-Participating	341715.20	4749062.23	27	23	28
15642	Seasonal Residence	Non-Participating	342608.07	4749660.12	28	20	28
10872	Year-Round Residence	Non-Participating	338801.11	4749058.28	19	28	28
10877	Year-Round Residence	Non-Participating	338850.57	4749045.76	19	28	28
15641	Seasonal Residence	Non-Participating	342598.46	4749642.43	28	20	28
10463	Year-Round Residence	Non-Participating	338492.38	4751930.66	25	26	28
10832	Year-Round Residence	Non-Participating	339077.49	4752309.87	26	24	28
10841	Year-Round Residence	Non-Participating	338460.42	4751782.96	23	26	28
13304	Year-Round Residence	Non-Participating	343438.36	4750805.68	28	17	28
15226	Year-Round Residence	Non-Participating	343370.94	4751546.06	28	17	28
15341	Year-Round Residence	Non-Participating	341728.74	4749031.56	27	22	28
15217	Year-Round Residence	Non-Participating	343208.35	4750546.79	28	18	28
15335	Year-Round Residence	Non-Participating	341781.23	4749026.64	27	22	28
10833	Year-Round Residence	Non-Participating	339032.95	4752316.59	25	24	28
15443	Year-Round Residence	Non-Participating	342369.85	4752364.56	27	18	28
15457	Year-Round Residence	Non-Participating	343298.56	4751732.75	28	17	28
15618	Year-Round Residence	Non-Participating	342453.76	4752317.23	27	18	28
13235	Unknown	Non-Participating	340560.28	4748664.50	23	26	28
14913	Year-Round Residence	Non-Participating	338560.88	4749158.60	19	27	28
15467	Year-Round Residence	Non-Participating	338750.47	4749039.35	19	27	28
10831	Year-Round Residence	Non-Participating	339101.79	4752393.34	25	24	28
10840	Year-Round Residence	Non-Participating	338462.37	4752014.76	24	25	28
13312	Year-Round Residence	Non-Participating	343253.51	4750646.14	27	18	28
15336	Year-Round Residence	Non-Participating	341753.75	4748975.30	26	22	28
15441	Year-Round Residence	Non-Participating	342125.06	4752503.77	27	19	28
15445	Year-Round Residence	Non-Participating	343383.58	4751618.17	27	17	28
15442	Year-Round Residence	Non-Participating	342375.73	4752429.91	27	18	28
15456	Year-Round Residence	Non-Participating	343406.47	4751699.73	27	16	28
10462	Year-Round Residence	Non-Participating	338375.47	4751897.17	23	26	27
14915	Year-Round Residence	Non-Participating	338516.22	4749142.18	18	27	27
14911	Year-Round Residence	Non-Participating	338490.43	4749145.40	18	27	27
14914	Year-Round Residence	Non-Participating	338502.61	4749141.62	18	27	27

Table 19-7.1b: Cumulative Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Sound Level

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM NAD83 Zone 18N (meters)		Trelina Project Only Maximum 1-hr Leq (dBA)	Zotos Project Only Maximum 1-hr Leq (dBA)	Cumulative Maximum 1-hr Leq (dBA)
			X (m)	Y (m)			
14916	Year-Round Residence	Non-Participating	338514.14	4749128.68	18	27	27
14917	Year-Round Residence	Non-Participating	338512.85	4749110.81	18	27	27
15447	Year-Round Residence	Non-Participating	343389.51	4751762.99	27	16	27
13711	Year-Round Residence	Non-Participating	343311.35	4750674.52	27	18	27
15398	Year-Round Residence	Non-Participating	338463.11	4749139.49	18	27	27
10460	Year-Round Residence	Non-Participating	338465.79	4752197.62	24	24	27
11221	Year-Round Residence	Non-Participating	340065.24	4752872.25	26	22	27
11220	Year-Round Residence	Non-Participating	340032.16	4752825.00	25	22	27
13714	Year-Round Residence	Non-Participating	343340.52	4750771.88	26	17	27
14910	Year-Round Residence	Non-Participating	338543.21	4749041.08	18	26	27
13643	Year-Round Residence	Non-Participating	342877.80	4749011.50	26	18	27
14921	Year-Round Residence	Non-Participating	338542.81	4749024.05	18	26	27
10834	Year-Round Residence	Non-Participating	338958.22	4752418.32	24	24	27
11618	Year-Round Residence	Non-Participating	339748.48	4752437.73	24	24	27
13710	Year-Round Residence	Non-Participating	343342.96	4750676.85	26	17	27
14811	Year-Round Residence	Non-Participating	343275.90	4751260.05	26	17	27
11218	Year-Round Residence	Non-Participating	339879.55	4752734.48	25	22	27
11619	Year-Round Residence	Non-Participating	339749.47	4752461.61	24	24	27
15224	Year-Round Residence	Non-Participating	343512.17	4751513.15	26	16	27
15453	Year-Round Residence	Non-Participating	343407.31	4751890.07	26	16	27
11620	Year-Round Residence	Non-Participating	339766.72	4752487.29	24	23	27
11627	Year-Round Residence	Non-Participating	339866.50	4752785.43	25	22	27
13248	Year-Round Residence	Non-Participating	342664.92	4748799.39	26	19	27
13253	Unknown	Non-Participating	343246.83	4749264.04	26	18	27
13639	Year-Round Residence	Non-Participating	342568.21	4748730.19	26	19	27
13640	Year-Round Residence	Non-Participating	342699.14	4748819.58	26	19	27
14812	Year-Round Residence	Non-Participating	343291.16	4751295.07	26	17	27
14814	Year-Round Residence	Non-Participating	343379.21	4751370.79	26	17	27
15448	Year-Round Residence	Non-Participating	343488.35	4751793.04	26	16	27
15639	Year-Round Residence	Non-Participating	342146.23	4749361.49	25	21	27
10837	Year-Round Residence	Non-Participating	338691.17	4752399.92	23	24	26
11633	Year-Round Residence	Non-Participating	339882.11	4752872.59	25	22	26
13311	Year-Round Residence	Non-Participating	343373.39	4750685.33	26	17	26
13706	Year-Round Residence	Non-Participating	343403.79	4750788.78	26	17	26
15450	Year-Round Residence	Non-Participating	343467.05	4751858.15	26	16	26
15455	Year-Round Residence	Non-Participating	343403.94	4751934.68	26	16	26
15619	Year-Round Residence	Non-Participating	342342.38	4752656.81	26	18	26
15640	Year-Round Residence	Non-Participating	342113.97	4749330.78	25	21	26
10838	Year-Round Residence	Non-Participating	338637.13	4752412.54	23	24	26
13708	Year-Round Residence	Non-Participating	343486.21	4750761.14	26	17	26
11214	Year-Round Residence	Non-Participating	339822.67	4752610.96	24	23	26
11217	Year-Round Residence	Non-Participating	339875.90	4752671.92	24	23	26
11621	Year-Round Residence	Non-Participating	339768.19	4752526.77	23	23	26
13305	Year-Round Residence	Non-Participating	343421.31	4750797.99	26	17	26
13633	Year-Round Residence	Non-Participating	342157.74	4748387.68	25	20	26
13634	Year-Round Residence	Non-Participating	342220.22	4748435.61	25	20	26
13635	Year-Round Residence	Non-Participating	342271.22	4748461.09	25	20	26
13641	Year-Round Residence	Non-Participating	342780.66	4748809.41	25	19	26
15446	Year-Round Residence	Non-Participating	343497.77	4751706.38	26	16	26
10459	Year-Round Residence	Non-Participating	338494.18	4752389.05	23	23	26
10839	Year-Round Residence	Non-Participating	338576.02	4752422.27	23	23	26
11632	Year-Round Residence	Non-Participating	339831.22	4752869.63	24	22	26
11634	Year-Round Residence	Non-Participating	339968.51	4752876.25	24	22	26
13249	Year-Round Residence	Non-Participating	342670.71	4748707.53	25	19	26
13631	Year-Round Residence	Non-Participating	341134.81	4748600.17	23	24	26
13638	Year-Round Residence	Non-Participating	342605.85	4748660.75	25	19	26
15285	Year-Round Residence	Non-Participating	342035.14	4749183.50	24	21	26
15454	Year-Round Residence	Non-Participating	343393.33	4752007.39	26	16	26
15638	Year-Round Residence	Non-Participating	342198.15	4749331.47	25	21	26
10454	Year-Round Residence	Non-Participating	339332.45	4752446.91	22	24	26

Table 19-7.1b: Cumulative Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Sound Level

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM NAD83 Zone 18N (meters)		Trelina Project Only Maximum 1-hr Leq (dBA)	Zotos Project Only Maximum 1-hr Leq (dBA)	Cumulative Maximum 1-hr Leq (dBA)
			X (m)	Y (m)			
11622	Year-Round Residence	Non-Participating	339692.97	4752542.17	23	23	26
13246	Year-Round Residence	Non-Participating	342433.52	4748524.49	25	19	26
13307	Year-Round Residence	Non-Participating	343623.77	4750691.42	26	17	26
13309	Year-Round Residence	Non-Participating	343444.57	4750741.56	25	17	26
13644	Year-Round Residence	Non-Participating	343373.16	4749258.32	25	17	26
15451	Year-Round Residence	Non-Participating	343491.97	4751913.46	26	16	26
15620	Year-Round Residence	Non-Participating	342570.17	4752655.08	25	17	26
11213	Year-Round Residence	Non-Participating	339880.66	4752398.63	25	20	26
11631	Year-Round Residence	Non-Participating	339767.39	4752885.09	24	22	26
13247	Year-Round Residence	Non-Participating	342561.55	4748582.92	25	19	26
15329	Year-Round Residence	Non-Participating	341770.07	4748931.90	24	22	26
15330	Year-Round Residence	Non-Participating	341780.92	4748946.50	24	22	26
15331	Year-Round Residence	Non-Participating	341807.07	4748958.78	24	22	26
15333	Year-Round Residence	Non-Participating	341825.99	4748971.45	24	22	26
15458	Year-Round Residence	Non-Participating	343384.00	4752059.12	25	16	26
10458	Year-Round Residence	Non-Participating	338502.87	4752460.45	22	23	26
11624	Year-Round Residence	Non-Participating	339758.07	4752710.90	23	22	26
13632	Year-Round Residence	Non-Participating	342258.49	4748364.84	25	20	26
13637	Year-Round Residence	Non-Participating	342658.88	4748631.37	25	19	26
14815	Year-Round Residence	Non-Participating	343475.11	4751425.36	25	17	26
15334	Year-Round Residence	Non-Participating	341843.62	4748966.02	24	22	26
10453	Year-Round Residence	Non-Participating	339346.62	4752509.23	22	24	26
11623	Year-Round Residence	Non-Participating	339693.91	4752605.57	22	23	26
13245	Year-Round Residence	Non-Participating	342206.46	4748313.61	25	20	26
13250	Year-Round Residence	Non-Participating	342758.83	4748679.09	25	18	26
13254	Year-Round Residence	Non-Participating	343674.13	4749549.77	25	17	26
15328	Year-Round Residence	Non-Participating	341810.12	4748919.84	23	22	26
15332	Year-Round Residence	Non-Participating	341825.29	4748940.67	24	22	26
15452	Year-Round Residence	Non-Participating	343478.89	4751993.22	25	16	26
11625	Year-Round Residence	Non-Participating	339755.55	4752734.32	23	22	26
14863	Year-Round Residence	Non-Participating	341787.50	4748870.35	23	22	26
15227	Year-Round Residence	Non-Participating	343573.56	4751630.51	25	16	26
15327	Year-Round Residence	Non-Participating	341778.29	4748850.90	23	22	26
15460	Year-Round Residence	Non-Participating	343392.99	4752184.65	25	16	26
11215	Year-Round Residence	Non-Participating	339693.98	4752724.30	23	22	25
13243	Year-Round Residence	Non-Participating	341953.61	4748221.23	24	20	25
13645	Year-Round Residence	Non-Participating	343692.26	4749489.30	25	16	25
14880	Year-Round Residence	Non-Participating	341740.98	4748753.70	23	22	25
15326	Year-Round Residence	Non-Participating	341758.87	4748816.62	23	22	25
10836	Year-Round Residence	Non-Participating	338590.78	4752547.22	22	23	25
11216	Year-Round Residence	Non-Participating	339680.54	4752768.16	22	22	25
13255	Year-Round Residence	Non-Participating	343741.71	4749524.43	25	16	25
13257	Year-Round Residence	Non-Participating	343940.65	4749864.95	25	16	25
15371	Year-Round Residence	Non-Participating	341706.97	4748647.47	23	22	25
13642	Year-Round Residence	Non-Participating	342741.98	4748536.97	24	18	25
15459	Year-Round Residence	Non-Participating	343464.50	4752169.05	25	16	25
10835	Year-Round Residence	Non-Participating	338883.37	4752496.04	20	23	25
13256	Year-Round Residence	Non-Participating	343860.42	4749627.20	25	16	25
13646	Year-Round Residence	Non-Participating	343798.65	4749551.30	25	16	25
15449	Year-Round Residence	Non-Participating	343604.29	4751842.79	25	16	25
14881	Year-Round Residence	Non-Participating	341696.08	4748536.33	22	22	25
10424	Year-Round Residence	Non-Participating	341382.61	4753274.36	24	18	25
10452	Seasonal Residence	Non-Participating	339337.86	4752659.39	21	23	25
10829	Year-Round Residence	Non-Participating	339527.18	4752785.78	22	22	25
11628	Year-Round Residence	Non-Participating	339681.13	4752849.78	22	22	25
12820	Year-Round Residence	Non-Participating	343168.37	4752489.05	24	16	25
13709	Year-Round Residence	Non-Participating	343527.68	4750782.90	24	17	25
13636	Seasonal Residence	Non-Participating	341925.72	4748592.64	23	21	25
13308	Year-Round Residence	Non-Participating	343552.65	4750666.83	24	17	25

Table 19-7.1b: Cumulative Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Sound Level

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM NAD83 Zone 18N (meters)		Trelina Project Only Maximum 1-hr Leq (dBA)	Zotos Project Only Maximum 1-hr Leq (dBA)	Cumulative Maximum 1-hr Leq (dBA)
			X (m)	Y (m)			
10821	Year-Round Residence	Non-Participating	341352.95	4753337.03	24	18	25
13648	Year-Round Residence	Non-Participating	344044.24	4749796.00	24	16	25
10423	Year-Round Residence	Non-Participating	341441.03	4753338.05	23	18	25
10822	Year-Round Residence	Non-Participating	341353.88	4753358.39	23	18	25
13705	Year-Round Residence	Non-Participating	343523.97	4750841.06	24	12	25
10427	Year-Round Residence	Non-Participating	340501.08	4753437.57	23	19	24
13299	Year-Round Residence	Non-Participating	343605.16	4750865.63	24	17	24
13707	Year-Round Residence	Non-Participating	343613.60	4750774.18	23	17	24
10421	Year-Round Residence	Non-Participating	341441.12	4753417.93	23	18	24
11629	Year-Round Residence	Non-Participating	339694.93	4752905.77	20	22	24
13301	Year-Round Residence	Non-Participating	343651.76	4750871.99	23	16	24
13704	Year-Round Residence	Non-Participating	343628.81	4750874.48	23	17	24
10422	Year-Round Residence	Non-Participating	341336.00	4753456.58	23	18	24
10428	Year-Round Residence	Non-Participating	340407.26	4753547.56	22	19	24
13302	Year-Round Residence	Non-Participating	343572.54	4750856.99	24	12	24
10411	Year-Round Residence	Non-Participating	340646.06	4753551.20	22	19	24
10820	Unknown	Non-Participating	341882.24	4753363.01	23	17	24
11219	Year-Round Residence	Non-Participating	339784.16	4752955.64	20	21	24
11630	Year-Round Residence	Non-Participating	339689.25	4752944.10	20	22	24
15461	Year-Round Residence	Non-Participating	343477.65	4752476.97	23	15	24
10420	Year-Round Residence	Non-Participating	341440.38	4753480.36	23	18	24
10429	Year-Round Residence	Non-Participating	340346.31	4753582.81	22	19	24
10805	Year-Round Residence	Non-Participating	340510.00	4753582.62	22	19	24
13300	Year-Round Residence	Non-Participating	343661.58	4750899.28	23	16	24
13306	Year-Round Residence	Non-Participating	343664.02	4750813.86	23	16	24
10419	Year-Round Residence	Non-Participating	341337.23	4753509.81	23	18	24
10804	Year-Round Residence	Non-Participating	340472.69	4753607.49	22	19	24
10826	Year-Round Residence	Non-Participating	341044.02	4753503.93	22	18	24
10827	Year-Round Residence	Non-Participating	340378.39	4753605.85	22	19	24
10408	Year-Round Residence	Non-Participating	340435.14	4753631.72	22	19	24
10426	Year-Round Residence	Non-Participating	341041.78	4753558.77	22	18	24
10451	Year-Round Residence	Non-Participating	339436.91	4753035.11	20	21	24
12803	Year-Round Residence	Non-Participating	342510.58	4753214.07	23	16	24
13703	Year-Round Residence	Non-Participating	343685.37	4750885.20	23	16	24
10410	Year-Round Residence	Non-Participating	340578.71	4753631.33	22	18	24
11636	Year-Round Residence	Non-Participating	339700.37	4753315.86	21	20	24
11638	Year-Round Residence	Non-Participating	339772.28	4753379.54	21	20	24
13292	Year-Round Residence	Non-Participating	343710.03	4750829.12	23	16	24
13649	Year-Round Residence	Non-Participating	344412.31	4750294.90	23	15	24
10450	Year-Round Residence	Non-Participating	339526.64	4753050.48	20	21	23
13298	Year-Round Residence	Non-Participating	343714.95	4750914.00	23	16	23
10433	Year-Round Residence	Non-Participating	339886.07	4753607.01	21	19	23
10449	Year-Round Residence	Non-Participating	339430.35	4753110.79	19	21	23
10409	Year-Round Residence	Non-Participating	340462.47	4753724.06	22	18	23
10417	Year-Round Residence	Non-Participating	340858.87	4753643.10	22	17	23
10418	Year-Round Residence	Non-Participating	341402.04	4753641.44	22	17	23
10425	Year-Round Residence	Non-Participating	341308.79	4753644.04	22	18	23
10432	Year-Round Residence	Non-Participating	339918.58	4753648.59	21	19	23
10446	Year-Round Residence	Non-Participating	339498.32	4753225.75	20	21	23
10802	Year-Round Residence	Non-Participating	340258.61	4753717.01	21	18	23
10808	Year-Round Residence	Non-Participating	341091.80	4753636.02	22	18	23
12819	Year-Round Residence	Non-Participating	343475.08	4752652.96	22	15	23
13291	Year-Round Residence	Non-Participating	343744.45	4750839.69	22	16	23
10416	Year-Round Residence	Non-Participating	341463.65	4753653.55	22	17	23
10823	Year-Round Residence	Non-Participating	341254.40	4753622.16	22	18	23
10825	Year-Round Residence	Non-Participating	341097.49	4753524.08	22	18	23
11225	Year-Round Residence	Non-Participating	339803.80	4753522.17	21	19	23
13244	Seasonal Residence	Non-Participating	341694.46	4748104.88	20	21	23
13297	Year-Round Residence	Non-Participating	343755.92	4750923.55	22	16	23

Table 19-7.1b: Cumulative Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Sound Level

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM NAD83 Zone 18N (meters)		Trelina Project Only Maximum 1-hr Leq (dBA)	Zotos Project Only Maximum 1-hr Leq (dBA)	Cumulative Maximum 1-hr Leq (dBA)
			X (m)	Y (m)			
10403	Year-Round Residence	Non-Participating	339900.99	4753768.25	21	19	23
10404	Year-Round Residence	Non-Participating	339946.52	4753785.52	21	18	23
10405	Year-Round Residence	Non-Participating	340011.36	4753785.75	21	18	23
10414	Year-Round Residence	Non-Participating	341355.46	4753709.36	22	17	23
10430	Year-Round Residence	Non-Participating	340047.82	4753705.38	21	19	23
10431	Year-Round Residence	Non-Participating	339958.41	4753703.53	21	19	23
10434	Year-Round Residence	Non-Participating	339880.99	4753671.29	21	19	23
10448	Year-Round Residence	Non-Participating	339523.38	4753135.68	19	21	23
10807	Year-Round Residence	Non-Participating	340927.95	4753578.71	21	18	23
13211	Year-Round Residence	Non-Participating	343395.40	4752771.55	22	15	23
10402	Year-Round Residence	Non-Participating	339868.73	4753774.67	21	19	23
10457	Year-Round Residence	Non-Participating	338606.23	4753083.17	19	21	23
10801	Year-Round Residence	Non-Participating	340168.36	4753754.47	21	18	23
10803	Year-Round Residence	Non-Participating	340338.41	4753776.70	21	18	23
11222	Year-Round Residence	Non-Participating	339827.34	4753172.90	22	16	23
11223	Year-Round Residence	Non-Participating	339701.12	4753246.13	19	20	23
13209	Year-Round Residence	Non-Participating	343220.36	4752924.40	22	15	23
15462	Year-Round Residence	Non-Participating	343575.77	4752630.15	22	15	23
10406	Year-Round Residence	Non-Participating	340054.88	4753773.39	21	18	23
10407	Year-Round Residence	Non-Participating	340104.72	4753769.17	21	18	23
10413	Year-Round Residence	Non-Participating	341315.43	4753739.97	22	17	23
10444	Year-Round Residence	Non-Participating	339448.38	4753357.00	20	20	23
10806	Year-Round Residence	Non-Participating	340889.77	4753556.89	21	18	23
11637	Year-Round Residence	Non-Participating	339705.75	4753381.97	20	20	23
13290	Year-Round Residence	Non-Participating	343799.92	4750869.87	22	16	23
10412	Year-Round Residence	Non-Participating	341197.79	4753672.85	21	18	23
10438	Year-Round Residence	Non-Participating	339776.69	4753603.88	20	19	23
10824	Year-Round Residence	Non-Participating	341196.46	4753616.95	21	18	23
13212	Year-Round Residence	Non-Participating	343477.23	4752786.27	22	15	23
13214	Year-Round Residence	Non-Participating	343560.54	4752693.14	22	15	23
13296	Year-Round Residence	Non-Participating	343811.72	4750944.22	22	16	23
10445	Year-Round Residence	Non-Participating	339427.16	4753255.35	19	20	23
10447	Year-Round Residence	Non-Participating	339437.72	4753200.98	18	21	23
10819	Year-Round Residence	Non-Participating	341812.72	4753677.06	21	17	23
10437	Year-Round Residence	Non-Participating	339780.95	4753636.09	20	19	23
12816	Year-Round Residence	Non-Participating	343425.03	4752879.35	22	15	23
12818	Year-Round Residence	Non-Participating	343486.97	4752848.47	22	15	23
13213	Year-Round Residence	Non-Participating	343543.96	4752782.79	22	15	23
13697	Year-Round Residence	Non-Participating	343837.53	4750876.22	22	16	23
15426	Year-Round Residence	Non-Participating	338591.50	4753203.55	18	20	23
15609	Year-Round Residence	Non-Participating	338584.65	4753173.16	18	20	23
10401	Year-Round Residence	Non-Participating	339794.01	4753801.73	20	19	22
13210	Year-Round Residence	Non-Participating	343386.34	4752921.49	22	15	22
10436	Year-Round Residence	Non-Participating	339780.64	4753698.08	20	19	22
10442	Year-Round Residence	Non-Participating	339437.24	4753484.73	19	20	22
15427	Year-Round Residence	Non-Participating	340127.47	4753871.77	20	18	22
10435	Year-Round Residence	Non-Participating	339821.65	4753718.94	20	19	22
10810	Year-Round Residence	Non-Participating	342068.71	4753731.76	21	16	22
12817	Year-Round Residence	Non-Participating	343530.87	4752881.09	21	15	22
10443	Year-Round Residence	Non-Participating	339406.20	4753525.07	19	20	22
10809	Year-Round Residence	Non-Participating	342058.17	4753768.67	21	16	22
12815	Year-Round Residence	Non-Participating	343523.46	4752921.42	21	15	22
13208	Year-Round Residence	Non-Participating	343468.11	4752962.84	21	15	22
10439	Year-Round Residence	Non-Participating	339642.52	4753636.26	19	19	22
10440	Year-Round Residence	Non-Participating	339449.67	4753641.64	19	19	22
10441	Year-Round Residence	Non-Participating	339381.03	4753591.52	19	19	22
12813	Year-Round Residence	Non-Participating	343471.99	4752998.33	21	15	22
13696	Year-Round Residence	Non-Participating	343914.99	4750900.66	21	16	22
13702	Year-Round Residence	Non-Participating	343915.11	4750973.03	21	16	22

Table 19-7.1b: Cumulative Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Sound Level

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM NAD83 Zone 18N (meters)		Trelina Project Only Maximum 1-hr Leq (dBA)	Zotos Project Only Maximum 1-hr Leq (dBA)	Cumulative Maximum 1-hr Leq (dBA)
			X (m)	Y (m)			
10415	Year-Round Residence	Non-Participating	342001.30	4753819.52	21	16	22
13207	Year-Round Residence	Non-Participating	343542.19	4752955.04	21	15	22
10816	Year-Round Residence	Non-Participating	342680.48	4753483.98	21	16	22
12814	Year-Round Residence	Non-Participating	343524.72	4753005.42	21	15	22
13695	Year-Round Residence	Non-Participating	343950.54	4750902.69	21	16	22
15425	Year-Round Residence	Non-Participating	338628.66	4753293.48	17	20	22
10817	Year-Round Residence	Non-Participating	342616.44	4753499.41	21	16	22
13206	Year-Round Residence	Non-Participating	343472.13	4753071.66	21	15	22
15463	Year-Round Residence	Non-Participating	343708.58	4752613.15	21	15	22
10811	Year-Round Residence	Non-Participating	342305.67	4753787.42	20	16	22
10814	Year-Round Residence	Non-Participating	342811.48	4753503.67	21	15	22
10815	Year-Round Residence	Non-Participating	342752.32	4753502.84	20	15	22
13289	Year-Round Residence	Non-Participating	343978.88	4750905.97	20	16	22
12812	Year-Round Residence	Non-Participating	343564.11	4753071.09	21	14	22
13288	Year-Round Residence	Non-Participating	343996.53	4750892.26	20	16	22
12808	Year-Round Residence	Non-Participating	343456.06	4753164.35	20	15	21
12811	Year-Round Residence	Non-Participating	343526.44	4753128.70	20	14	21
13287	Year-Round Residence	Non-Participating	344027.17	4750871.04	20	16	21
13647	Year-Round Residence	Non-Participating	344087.35	4749482.75	21	10	21
15632	Year-Round Residence	Non-Participating	343992.45	4752592.29	20	14	21
12805	Year-Round Residence	Non-Participating	343436.25	4753210.96	20	15	21
10818	Year-Round Residence	Non-Participating	342514.05	4753485.61	20	16	21
12807	Year-Round Residence	Non-Participating	343048.65	4753512.86	20	15	21
12809	Year-Round Residence	Non-Participating	343524.23	4753175.89	20	14	21
12810	Year-Round Residence	Non-Participating	343582.92	4753137.01	20	14	21
15610	Year-Round Residence	Non-Participating	339129.58	4753655.38	17	19	21
15629	Year-Round Residence	Non-Participating	344082.63	4752608.58	20	14	21
15634	Year-Round Residence	Non-Participating	343888.00	4752623.04	20	14	21
13203	Year-Round Residence	Non-Participating	343435.83	4753269.24	20	14	21
13204	Year-Round Residence	Non-Participating	343508.81	4753213.45	20	14	21
13693	Year-Round Residence	Non-Participating	344102.03	4750962.34	20	15	21
13694	Year-Round Residence	Non-Participating	344078.91	4750899.55	20	15	21
15628	Year-Round Residence	Non-Participating	343906.05	4752646.21	20	14	21
15630	Year-Round Residence	Non-Participating	344022.33	4752615.62	20	14	21
12804	Year-Round Residence	Non-Participating	343414.45	4753313.87	20	14	21
13690	Year-Round Residence	Non-Participating	344144.25	4750969.24	20	15	21
13701	Year-Round Residence	Non-Participating	344133.40	4751023.96	20	15	21
15627	Year-Round Residence	Non-Participating	339180.82	4753779.58	17	19	21
15631	Year-Round Residence	Non-Participating	343963.52	4752630.49	20	14	21
10812	Year-Round Residence	Non-Participating	342443.75	4753562.52	19	16	21
13692	Year-Round Residence	Non-Participating	344121.45	4750901.20	19	15	21
14001	Year-Round Residence	Non-Participating	344163.43	4751314.78	20	15	21
15635	Year-Round Residence	Non-Participating	343979.45	4752656.76	20	14	21
13689	Year-Round Residence	Non-Participating	344219.96	4750993.50	19	15	21
13691	Year-Round Residence	Non-Participating	344192.76	4750982.55	19	15	21
13216	Year-Round Residence	Non-Participating	343999.24	4752727.68	19	14	21
13688	Year-Round Residence	Non-Participating	344249.11	4751003.76	19	15	21
14807	Unknown	Non-Participating	344211.78	4751185.75	19	15	21
13286	Year-Round Residence	Non-Participating	344275.19	4751013.64	19	15	20
10813	Year-Round Residence	Non-Participating	342397.92	4753579.07	18	16	20
13215	Year-Round Residence	Non-Participating	344073.26	4752707.67	19	14	20
13284	Year-Round Residence	Non-Participating	344316.94	4751008.99	19	15	20
13293	Year-Round Residence	Non-Participating	344211.21	4751082.89	19	15	20
13699	Year-Round Residence	Non-Participating	344265.17	4751065.95	19	15	20
13285	Year-Round Residence	Non-Participating	344335.81	4750971.44	19	15	20
13700	Year-Round Residence	Non-Participating	344245.41	4751083.86	19	15	20
13294	Year-Round Residence	Non-Participating	344243.12	4751108.15	19	15	20
13295	Year-Round Residence	Non-Participating	344245.78	4751138.87	18	15	20
13671	Year-Round Residence	Non-Participating	344378.61	4751255.38	19	14	20

Table 19-7.1b: Cumulative Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Sound Level

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM NAD83 Zone 18N (meters)		Trelina Project Only Maximum 1-hr Leq (dBA)	Zotos Project Only Maximum 1-hr Leq (dBA)	Cumulative Maximum 1-hr Leq (dBA)
			X (m)	Y (m)			
13698	Year-Round Residence	Non-Participating	344308.37	4751077.53	19	15	20
15202	Year-Round Residence	Non-Participating	344322.84	4751619.64	19	14	20
15211	Year-Round Residence	Non-Participating	344316.32	4751428.55	19	15	20
15215	Unknown	Non-Participating	344320.49	4751245.07	19	15	20
13672	Year-Round Residence	Non-Participating	344380.71	4751222.15	19	14	20
13673	Year-Round Residence	Non-Participating	344379.41	4751194.02	19	14	20
15212	Year-Round Residence	Non-Participating	344323.44	4751394.55	18	15	20
15214	Year-Round Residence	Non-Participating	344321.50	4751367.09	18	15	20
13270	Year-Round Residence	Non-Participating	344386.74	4751304.54	18	14	20
13283	Year-Round Residence	Non-Participating	344351.45	4751004.27	18	15	20
13664	Year-Round Residence	Non-Participating	344428.78	4751228.00	18	14	20
13665	Year-Round Residence	Non-Participating	344426.02	4751241.49	18	14	20
13666	Year-Round Residence	Non-Participating	344425.64	4751253.73	18	14	20
14802	Year-Round Residence	Non-Participating	344368.22	4751843.67	19	14	20
14803	Year-Round Residence	Non-Participating	344356.49	4751867.52	19	14	20
14806	Year-Round Residence	Non-Participating	344313.40	4751473.81	18	14	20
13663	Year-Round Residence	Non-Participating	344451.27	4751229.46	18	14	20
13670	Year-Round Residence	Non-Participating	344407.39	4751306.91	18	14	20
13683	Year-Round Residence	Non-Participating	344425.97	4751014.59	18	14	20
13686	Year-Round Residence	Non-Participating	344416.03	4751049.97	18	14	20
13687	Year-Round Residence	Non-Participating	344405.20	4751046.07	18	14	20
15201	Year-Round Residence	Non-Participating	344305.10	4751746.00	18	14	20
15203	Year-Round Residence	Non-Participating	344369.67	4751626.66	18	14	20
15204	Year-Round Residence	Non-Participating	344376.87	4751576.94	18	14	20
13267	Year-Round Residence	Non-Participating	344450.34	4751255.79	18	14	20
13268	Year-Round Residence	Non-Participating	344450.05	4751243.24	18	14	20
13269	Year-Round Residence	Non-Participating	344422.57	4751271.20	18	14	20
13272	Year-Round Residence	Non-Participating	344452.92	4751140.61	18	14	20
13651	Year-Round Residence	Non-Participating	344486.23	4751147.78	18	14	20
13653	Year-Round Residence	Non-Participating	344452.79	4751170.59	18	14	20
13655	Year-Round Residence	Non-Participating	344453.92	4751181.70	18	14	20
13658	Year-Round Residence	Non-Participating	344452.24	4751194.83	18	14	20
13659	Year-Round Residence	Non-Participating	344454.87	4751204.38	18	14	20
13661	Year-Round Residence	Non-Participating	344455.15	4751216.82	18	14	20
13669	Year-Round Residence	Non-Participating	344431.73	4751317.71	18	14	20
13675	Year-Round Residence	Non-Participating	344387.96	4751106.93	18	15	20
13682	Year-Round Residence	Non-Participating	344446.90	4751019.80	18	14	20
13685	Year-Round Residence	Non-Participating	344433.53	4751048.92	18	14	20
15210	Year-Round Residence	Non-Participating	344382.23	4751446.05	18	14	20
15213	Year-Round Residence	Non-Participating	344388.68	4751382.38	18	14	20
13266	Year-Round Residence	Non-Participating	344451.28	4751268.32	18	14	20
13271	Year-Round Residence	Non-Participating	344470.33	4751338.45	18	14	20
13652	Year-Round Residence	Non-Participating	344481.91	4751160.10	18	14	20
13654	Year-Round Residence	Non-Participating	344483.53	4751173.60	18	14	20
13656	Year-Round Residence	Non-Participating	344478.31	4751185.07	18	14	20
13657	Year-Round Residence	Non-Participating	344481.44	4751197.23	18	14	20
13660	Year-Round Residence	Non-Participating	344482.27	4751214.68	18	14	20
13662	Year-Round Residence	Non-Participating	344481.12	4751231.73	18	14	20
13668	Year-Round Residence	Non-Participating	344447.18	4751322.60	18	14	20
13680	Year-Round Residence	Non-Participating	344465.88	4751025.92	18	14	20
13681	Year-Round Residence	Non-Participating	344456.83	4751022.85	18	14	20
13684	Year-Round Residence	Non-Participating	344448.92	4751050.97	18	14	20
14804	Year-Round Residence	Non-Participating	344363.50	4751712.80	18	14	20
15205	Year-Round Residence	Non-Participating	344398.29	4751506.81	18	14	20
13261	Year-Round Residence	Non-Participating	344513.75	4751182.31	18	14	19
13262	Year-Round Residence	Non-Participating	344506.86	4751178.10	18	14	19
13263	Year-Round Residence	Non-Participating	344502.56	4751172.30	18	14	19
13264	Year-Round Residence	Non-Participating	344479.27	4751256.44	18	14	19
13265	Year-Round Residence	Non-Participating	344477.58	4751268.81	18	14	19

Table 19-7.1b: Cumulative Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Sound Level

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM NAD83 Zone 18N (meters)		Trelina Project Only Maximum 1-hr Leq (dBA)	Zotos Project Only Maximum 1-hr Leq (dBA)	Cumulative Maximum 1-hr Leq (dBA)
			X (m)	Y (m)			
13667	Year-Round Residence	Non-Participating	344449.67	4751287.17	18	14	19
13674	Year-Round Residence	Non-Participating	344379.19	4751145.34	18	15	19
13678	Year-Round Residence	Non-Participating	344467.54	4751050.77	18	14	19
13679	Year-Round Residence	Non-Participating	344473.47	4751031.86	18	14	19
15209	Year-Round Residence	Non-Participating	344412.80	4751509.32	18	14	19
13260	Year-Round Residence	Non-Participating	344532.60	4751192.47	18	14	19
13273	Year-Round Residence	Non-Participating	344494.90	4751088.35	18	14	19
13274	Year-Round Residence	Non-Participating	344494.96	4751071.76	18	14	19
13280	Year-Round Residence	Non-Participating	344499.60	4751024.72	18	14	19
13281	Year-Round Residence	Non-Participating	344498.90	4751042.42	18	14	19
13282	Year-Round Residence	Non-Participating	344495.34	4751049.48	18	14	19
13676	Year-Round Residence	Non-Participating	344494.69	4751059.54	18	14	19
14402	Year-Round Residence	Non-Participating	344460.39	4751559.98	18	14	19
14805	Year-Round Residence	Non-Participating	344425.58	4751512.31	18	14	19
15208	Year-Round Residence	Non-Participating	344455.08	4751518.62	18	14	19
13259	Year-Round Residence	Non-Participating	344541.43	4751190.41	18	14	19
13279	Year-Round Residence	Non-Participating	344532.75	4751027.68	18	14	19
14002	Year-Round Residence	Non-Participating	344493.90	4751433.91	18	14	19
14401	Year-Round Residence	Non-Participating	344495.50	4751562.68	18	14	19
14801	Year-Round Residence	Non-Participating	344479.23	4751559.99	18	14	19
15633	Year-Round Residence	Non-Participating	343851.40	4752651.38	17	14	19
13275	Year-Round Residence	Non-Participating	344540.57	4751082.74	17	14	19
13650	Year-Round Residence	Non-Participating	344573.73	4751196.54	18	14	19
13677	Year-Round Residence	Non-Participating	344534.29	4751066.72	18	14	19
14004	Year-Round Residence	Non-Participating	344501.46	4751458.19	18	14	19
14012	Year-Round Residence	Non-Participating	344509.96	4751562.35	18	14	19
15207	Year-Round Residence	Non-Participating	344494.49	4751527.12	18	14	19
13276	Year-Round Residence	Non-Participating	344565.10	4751062.97	17	14	19
14003	Year-Round Residence	Non-Participating	344551.04	4751461.00	17	14	19
14006	Year-Round Residence	Non-Participating	344501.42	4751475.66	17	14	19
14007	Year-Round Residence	Non-Participating	344498.72	4751491.87	17	14	19
14009	Year-Round Residence	Non-Participating	344500.00	4751509.74	17	14	19
14011	Year-Round Residence	Non-Participating	344531.45	4751563.61	17	14	19
13277	Year-Round Residence	Non-Participating	344556.03	4751029.99	17	14	19
13278	Year-Round Residence	Non-Participating	344544.78	4751026.97	17	14	19
14008	Year-Round Residence	Non-Participating	344539.13	4751496.20	17	14	19
14010	Year-Round Residence	Non-Participating	344537.75	4751512.82	17	14	19
14005	Year-Round Residence	Non-Participating	344543.11	4751478.21	17	14	19
15206	Year-Round Residence	Non-Participating	344535.95	4751529.24	17	14	19
13258	Year-Round Residence	Non-Participating	344651.87	4751057.23	17	14	19