BKL

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# MEMORANDUM

To: Mike Mohrman Parsons Date: February 27, 2018

From: Mark Bliss bliss@bkl.ca 

Copies To: Josh Keogh, Nathan Grob (KGL)

Subject: SWCRR Noise Impact and Mitigation Report (2025, 2030 and 2050) DRAFT R2

This memo summarizes the methodology we used to determine noise impacts and mitigation and the noise study results for Segments 1-3 of the SWCRR Project (the Project).

1. **Criteria**

Schedule 18 Section 200.2.3.6.4 and 200.2.3.6.7 lists required noise walls. In particular:

- The City [of Calgary] owns an existing noise attenuation wall between the residential area and the roadway that runs between 37 Street SW and 45 Street SW. If the Contractor's design and construction requires impacts to the existing noise attenuation wall, the existing elevation at the top of the wall shall be retained. The Contractor is to maintain the existing noise attenuation wall at the existing location throughout construction. The Contractor shall extend the existing noise attenuation wall at 45 Street SW west to 50 Street SW. The extension to the noise attenuation wall shall be a minimum height of 1.8 m.

- The City owns an existing berm and pathway between the residential area and the roadway that runs between 130 Avenue and Anderson Road. If the Contractor's design and construction requires impacts to the existing berm, the existing elevation at the top of the berm shall be retained either through an impermeable noise wall or earth berm/retaining wall combination.

- A noise wall shall be constructed that connects with a City of Calgary noise wall along the north side of Anderson Road until Cedardale Mews SW. The Contractor shall maintain the elevation of 1127.9 m until approximately the lane between Cedardale Rise SW and Cedardale Crescent SW at which point the [noise wall] may be stepped down to an elevation of 1125.7 in four equal increments of approximately 0.6 m each.

Additionally, in Schedule 18 Section 200.2.14 the Project specifies noise criteria to be used to assess noise impacts. It specifies that a maximum noise level of 65 dBA $L_{eq24}$, measured 2 metres inside the affected residential property line, must be adhered to.

## 2. Study Objectives

Our general objectives were to

a. predict the future 2050, 2030, and 2025 traffic noise at residences adjacent to the Project;
b. identify locations where predicted noise exceeds the Project criteria;
c. incorporate project agreement required noise walls; and
d. evaluate noise wall alignment options to reduce Project noise levels to meet the criteria for each of the three horizon years.

## 3. Baseline Noise Measurements

dBA Noise Consultants performed 24-hour baseline noise monitoring from December 5 to 9, 2016, at four locations in the Project corridor that already have significant road traffic noise, as per attached map:

a. #141, 100 Springbank Place SW, Calgary
b. #179, Galbraith Drive SW, Calgary
c. #630, 600 Woodbriar Place SW, Calgary
d. #72, Bridleridge Circle SW, Calgary

Simultaneous traffic volumes, classifications and speeds were also recorded. Future transportation noise levels were predicted using the NMPB-Routes-1996 standard, implemented in the outdoor sound propagation software Cadna/A 2017, considering the baseline noise monitoring results to maximize prediction accuracy.

## 4. Noise Modelling Assumptions

We have made the following traffic assumptions in our noise model:

a. Mainline traffic volumes were based on the Central Growth forecast from *Southwest Calgary Ring Road Road Traffic Forecasts*.
    i. Where only 2-way AADT mainline volumes was given in the SDG report, we assumed an even split in traffic volumes travelling northbound vs southbound.
    ii. The truck percentage for all roads is 8.4%.
    iii. Cross-street and ramp traffic volume is the same as the provided spreadsheet by SDG as part of the v 9.0 report dated February 2017.
b. The posted speed limit (10 km/h below the design speeds in Schedule 18 Section 200.2.2) was modelled for all roads.
c. Wood fences would provide noise shielding in some cases and therefore were considered on a case-by-case basis where deemed appropriate.

5. **Noise Prediction Results**

For a majority of receivers within the corridor, we predict that the noise level will be 65 dBA or lower for 2025, 2030, and 2050 traffic volumes. Noise Contour Maps along the project corridor are attached. Details and results for each receiver are found in the attached Noise Prediction Results also attached.

6. **Project Agreement Required Noise Walls**

The attached Noise Walls Table summarizes the length and height of the Segment 1 contract required noise walls and includes the change order height near 45 St SW. These walls vary in height from 1.8 m up to 3.6 m and are labelled NW-01-L1100-01, and NW-01-L1200-01.

The Noise Walls Table does not include the Segment 2 noise walls prescribed in Schedule 18 Section 200.2.3.6.7 between the City of Calgary noise wall and Cedardale Rise SW because the length and height are already determined within the Project Agreement.

7. **Additional Noise Barrier Alignment Options**

We have considered two noise barrier alignments options:

a. *Along the TUC-residential boundary line*

The TUC noise wall alignment option varies in height from 1.8 m up to 3.5 m.

The TUC boundary noise wall alignment was modelled 0.5 m from the edge of the provided TUC boundary line. In one case (the northwest quadrant of the 37$^{th}$ Street Interchange), the noise wall alignment was modelled at the existing wooden fence alignment instead of the TUC, assuming that it will replace the existing fence.

b. *Along the top of any existing berm or the highest point between the road and receiver*.

The Top of Berm noise wall alignment option varies in height from 1.8 m up to 3 m, and where used, generally offers a greater noise reduction for the affected residences than the TUC option. In one case, we assumed an earth berm could be constructed rather than a noise wall.

Noise barrier heights are presented in the attached Noise Wall Summary Tables. The attached KGL Noisewall Overview Maps show the proposed wall locations and alignments.

8. **Noise Barrier Comments**

a. Similar noise benefits can be achieved by an earth berm or combination of earth berm and noise wall as long as the top height and location remains the same.

In Lincoln Park in particular, there appears to be room to construct an earth berm so our Top of Berm results assume a 115 metre long earth berm with specific heights depending on the year.

b. In 2050, the modelled noise wall to the west of Lakeview residences follows the on-ramp between northbound Tsuu T'ina Parkway and eastbound Glenmore Trail. This alignment is beyond the TUC boundary.

c. Where a noise wall alignment conflicts with a pedestrian walkway access, an offset parallel wall is recommended to block the line-of-sight between the residences and the mainline.

9. **Noise Barrier Changes between 2025, 2030, and 2050**

a. From 2025 to 2030, we have predicted that there would be an increase in noise wall length to walls 1-3 and 1-6 to keep the noise level below 65 dBA.

b. From 2025 to 2030, we have predicted that there would be one additional noise wall (2-1) and a modest increase in wall length at Wall 2-5, 2-6C, and 2-9, but that wall heights would not need to be increased to keep the noise level below 65 dBA.

c. From 2030 to 2050, we have predicted that there would be one additional noise wall (2-2) that would need to be added, in addition to increasing the length of some of the noise barriers, but that wall heights would not need to be increased to keep the noise level below 65 dBA.

d. From 2025 to 2030, we have predicted that the two walls in the Bridlewood neighbourhood would need to be combined into a single, continuous wall; minor increases in length are recommended for Walls 3-1 and 3-5, but wall heights would not need to be increased to keep the noise level below 65 dBA.

e. From 2030 to 2050, we have predicted that one additional noise wall segment in the Somerset neighbourhood would need to be added, in addition to increasing the length and of the other noise barriers. Wall heights would not need to be increased with the exception of the TUC option of Wall 3-5 to keep the noise level below 65 dBA.

**Enclosures**

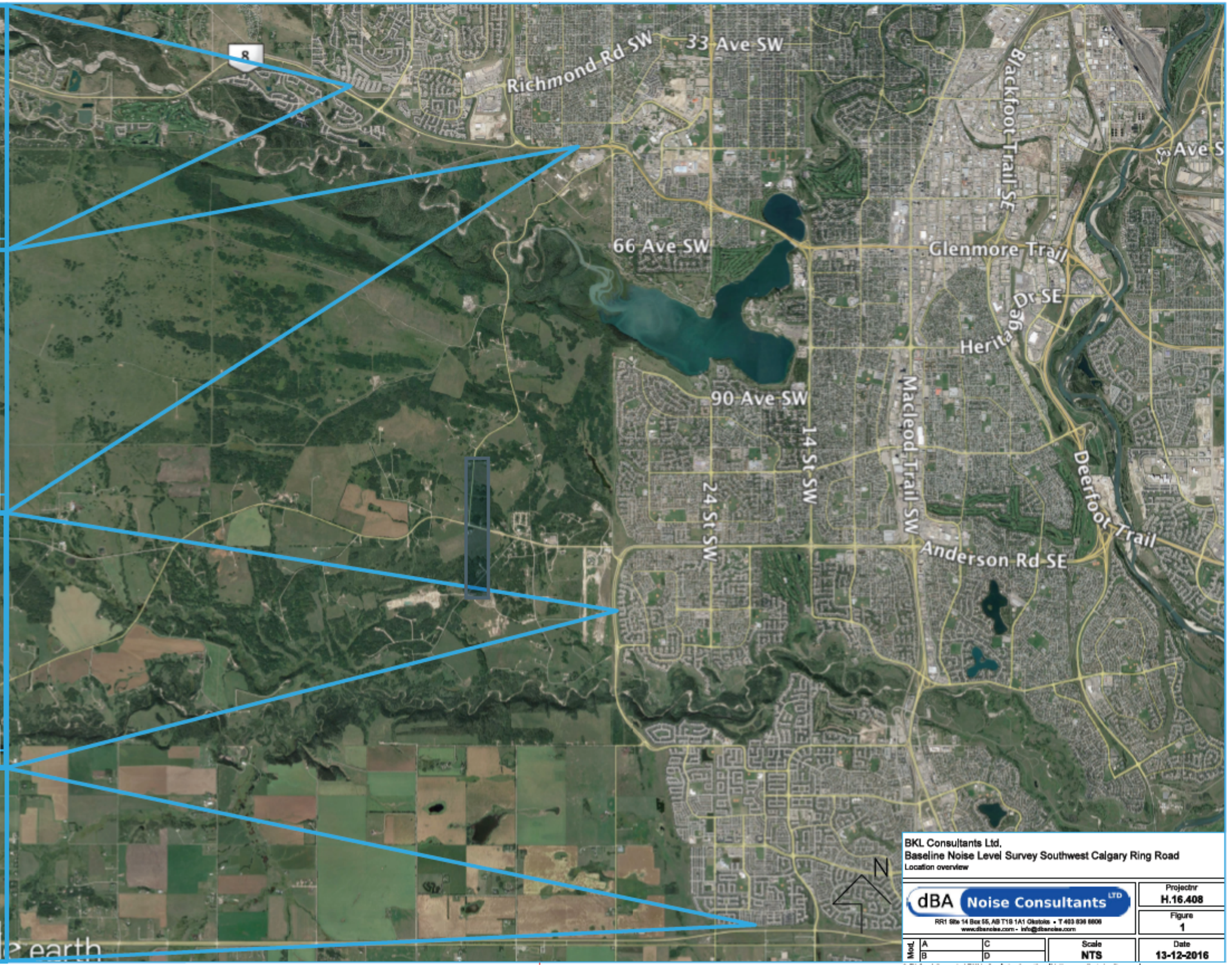
- Baseline noise monitoring locations [1 page]
- Predicted Noise Contours (2025, 2030, and 2050) [3 x 12 = 36 pages]
- KGL Noisewall Overview Map [3 pages]
- Noise Walls Tables (2050, 2030, and 2025) [3 pages]
- Noise Prediction Results (Seg 1, Seg 2, and Seg 3) [12 + 9 + 15 = 36 pages]
- SDG Traffic Volumes (AADT, Central Growth 2050, 2030, and 2025) [2 pages]

Monitoring Location R1,
#141, 100 Springbank Place SW

Monitoring Location R2,
#179, Galbraith Drive SW

Monitoring Location R3,
#630, 600 Woodbriar Place

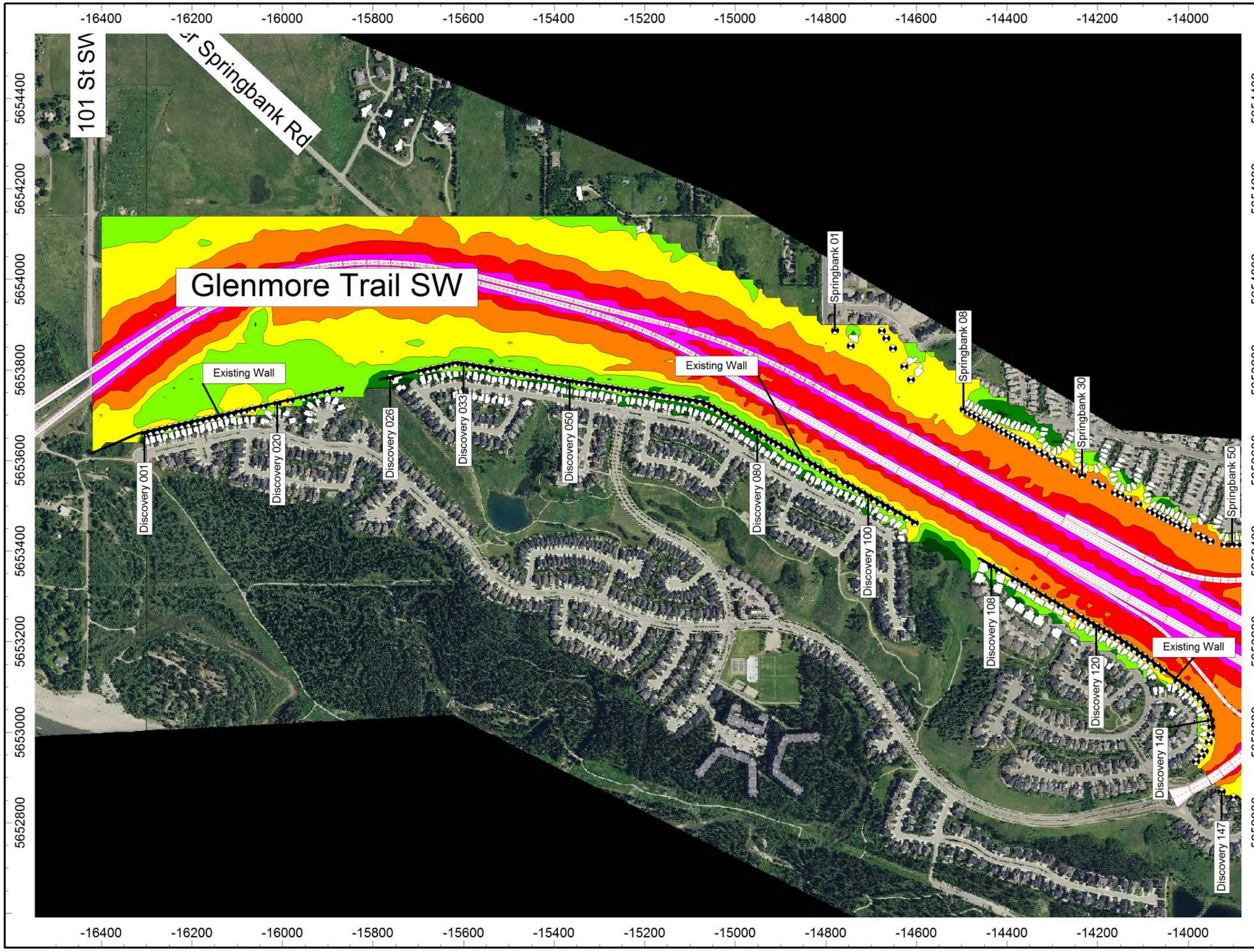
Monitoring Location R4,
#72, Bridleridge Circle SW




BKL Consultants Ltd.
Baseline Noise Level Survey Southwest Calgary Ring Road
Location overview

dBA Noise Consultants LTD
RR1 Site 14 Box 55, AB T1S 1A1 Okotoks • T 403 836 6606
www.dbanoise.com - info@dbanoise.com

| Mod. | A | C | Scale | Projectnr |
|---|---|---|---|---|
| | B | D | NTS | H.16.408 |
| | | | Date | Figure |
| | | | 13-12-2016 | 1 |




**Southwest Calgary Ring Road**
**1383-16A**

**Year 2025**
**Traffic Noise Prediction**

**With**
**Existing Attenuation Only**

**Figure A-12**
**Predicted Noise Contours**

**Sound Levels**
Leq24

- < 45 dBA
- 45 - 50 dBA
- 50 - 55 dBA
- 55 - 60 dBA
- 60 - 65 dBA
- 65 - 70 dBA
- > 70 dBA

Receiver 2m Behind Property Line

- < 65 dBA
- > 65 dBA

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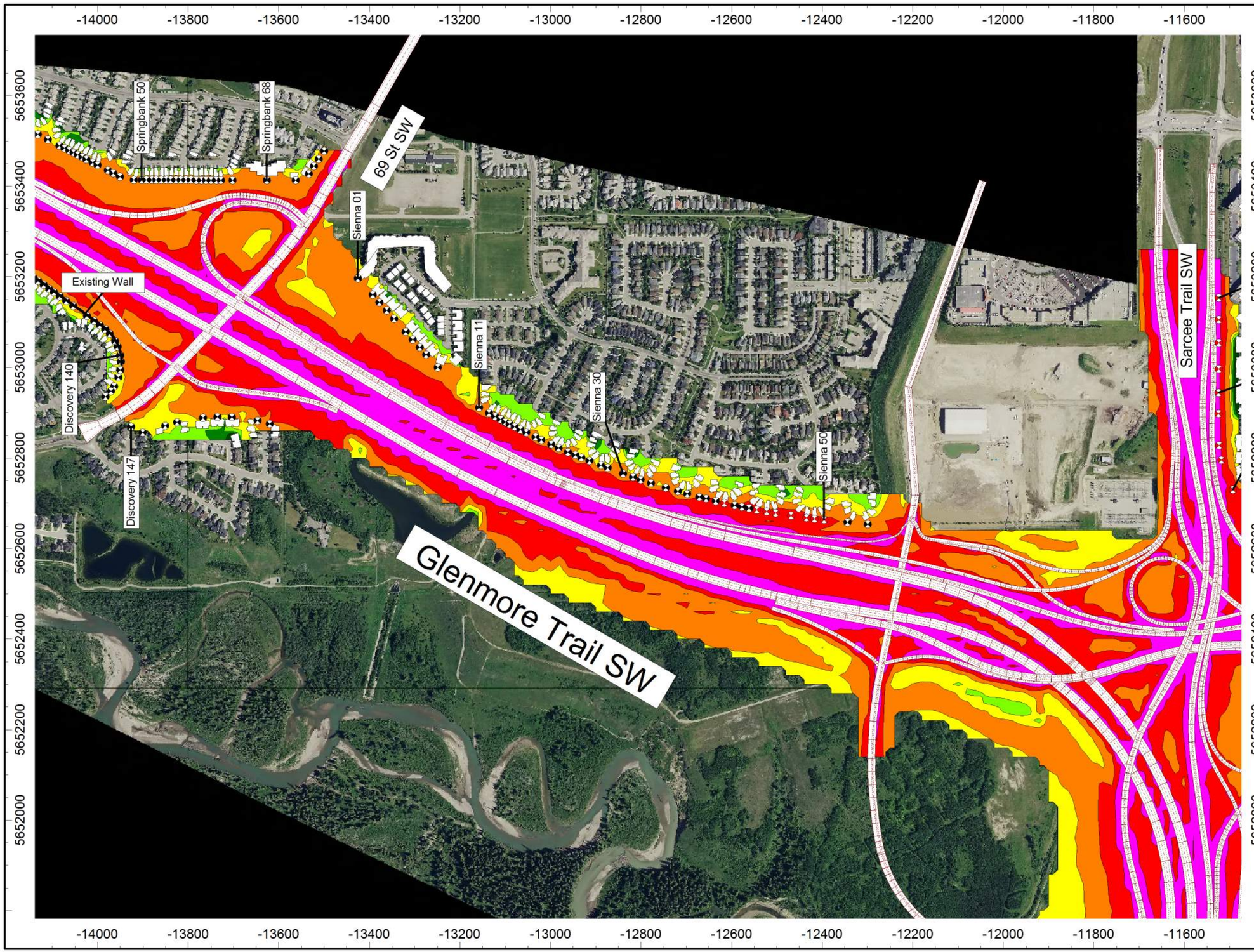


**Southwest Calgary Ring Road**
**1383-16A**

**Year 2025**
**Traffic Noise Prediction**

**With**
**Existing Attenuation Only**

**Figure A-11**
**Predicted Noise Contours**
Signal Hill, Discovery Ridge and Tsuu T'ina Areas

**Sound Levels**
Leq24

- < 45 dBA
- 45 - 50 dBA
- 50 - 55 dBA
- 55 - 60 dBA
- 60 - 65 dBA
- 65 - 70 dBA
- > 70 dBA

Receiver 2m Behind Property Line

- < 65 dBA
- > 65 dBA

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-11800 -11600 -11400 -11200 -11000 -10800 -10600 -10400 -10200 -10000 -9800 -9600

5653400 5653200 5653000 5652800 5652600 5652400 5652200 5652000 5651800 5651600

Sarcee Trail SW

37 St SW

Glenmore Trail SW

Tsuu T'ina Parkway

Glanmorgan 01

Glanmorgan 05

Glanmorgan 09

Glanmorgan 15

Glanmorgan 17

Glanmorgan 26

Glanmorgan 30

Glanmorgan 46

Glanmorgan 50

Existing Wood Fence

Existing Wall

Lincoln 01

Lincoln 11

Lakeview 38

Existing Wall

Lakeview 30

Lakeview 10

**Southwest Calgary Ring Road**
**1383-16A**

**Year 2025**
**Traffic Noise Prediction**

**With**
**Existing Attenuation Only**

**Figure A-10**
**Predicted Noise Contours**
Glamorgan, Lincoln Park,
Lakeview and Tsuu T'ina Areas

**Sound Levels**
Leq24

- < 45 dBA
- 45 - 50 dBA
- 50 - 55 dBA
- 55 - 60 dBA
- 60 - 65 dBA
- 65 - 70 dBA
- > 70 dBA

Receiver 2m Behind Property Line

- < 65 dBA
- > 65 dBA

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-12600 -12400 -12200 -12000 -11800 -11600 -11400 -11200 -11000 -10800 -10600 -10400 -10200

5651600 5651400 5651200 5651000 5650800 5650600 5650400 5650200 5650000

**Southwest Calgary Ring Road**
**1383-16A**

**Year 2025**
**Traffic Noise Prediction**

**With**
**Existing Attenuation Only**

**Figure A-9**
**Predicted Noise Contours**
Lakeview and
Tsuu T'ina Areas

**Sound Levels**
Leq24

- < 45 dBA
- 45 - 50 dBA
- 50 - 55 dBA
- 55 - 60 dBA
- 60 - 65 dBA
- 65 - 70 dBA
- > 70 dBA

Receiver 2m Behind Property Line

- < 65 dBA
- > 65 dBA

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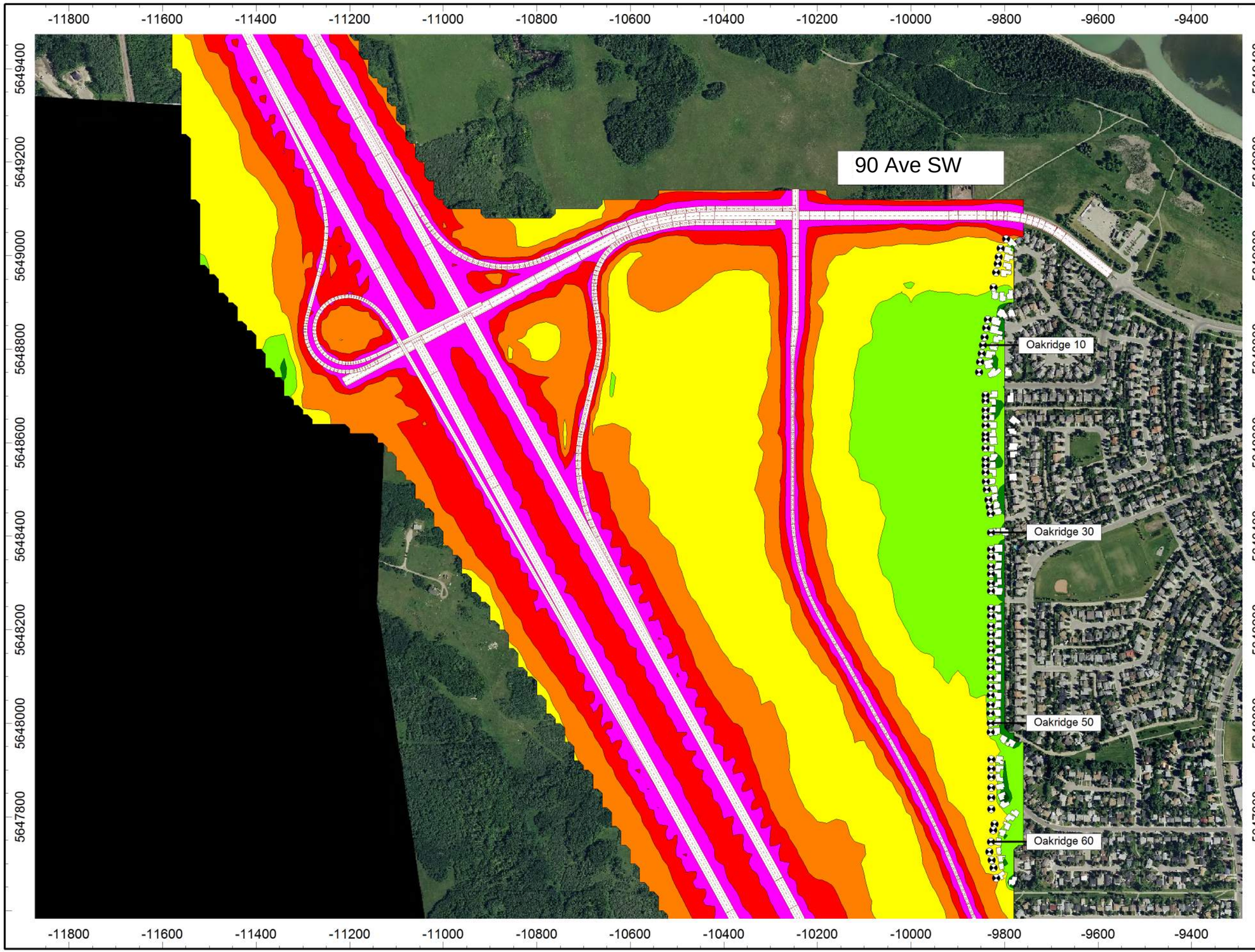


**Southwest Calgary Ring Road**
**1383-16A**

**Year 2025**
**Traffic Noise Prediction**

**With**
**Existing Attenuation Only**

**Figure A-8**
**Predicted Noise Contours**
Oakridge and
Tsuu T'ina Areas

**Sound Levels**
Leq24

- < 45 dBA
- 45 - 50 dBA
- 50 - 55 dBA
- 55 - 60 dBA
- 60 - 65 dBA
- 65 - 70 dBA
- > 70 dBA

Receiver 2m Behind Property Line

- < 65 dBA
- > 65 dBA

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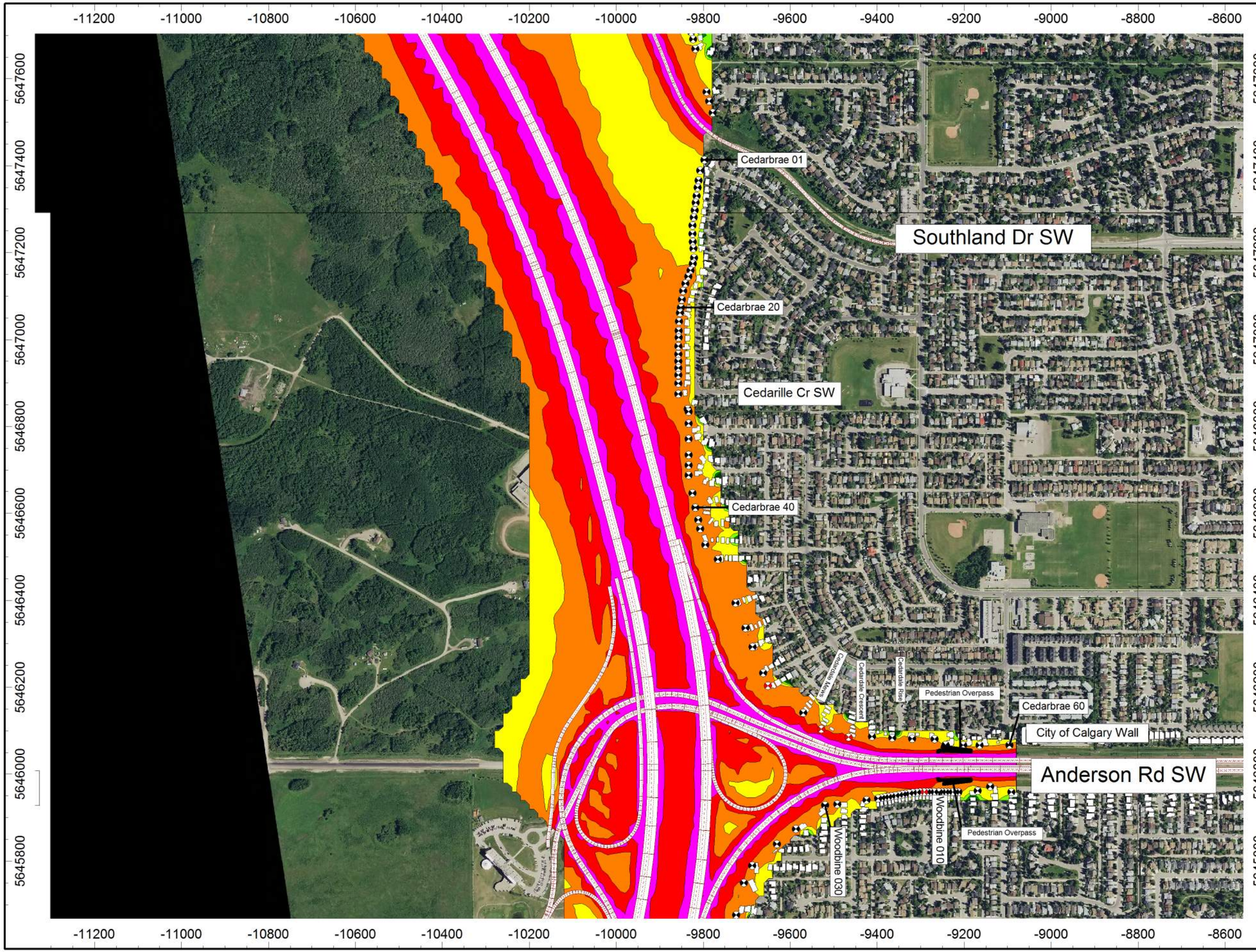


**Southwest Calgary Ring Road**
**1383-16A**

**Year 2025**
**Traffic Noise Prediction**

**With**
**Existing Attenuation Only**

**Figure A-7**
**Predicted Noise Contours**
Woodbine, Cedarbrae
and Tsuu T'ina Areas

**Sound Levels**
Leq24

- < 45 dBA
- 45 - 50 dBA
- 50 - 55 dBA
- 55 - 60 dBA
- 60 - 65 dBA
- 65 - 70 dBA
- > 70 dBA

Receiver 2m Behind Property Line

- < 65 dBA
- > 65 dBA

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**Southwest Calgary Ring Road**
**1383-16A**

**Year 2025**
**Traffic Noise Prediction**

**With**
**Existing Attenuation Only**

**Figure A-6**
**Predicted Noise Contours**
Woodbine and
Tsuu T'ina Areas

**Sound Levels**
Leq24

- < 45 dBA
- 45 - 50 dBA
- 50 - 55 dBA
- 55 - 60 dBA
- 60 - 65 dBA
- 65 - 70 dBA
- > 70 dBA

Receiver 2m Behind Property Line

- < 65 dBA
- > 65 dBA

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**Southwest Calgary Ring Road**
**1383-16A**

**Year 2025**
**Traffic Noise Prediction**

**With**
**Existing Attenuation Only**

**Figure A-5**
**Predicted Noise Contours**
Evergreen and
Tsuu T'ina Areas

**Sound Levels**
Leq24

- < 45 dBA
- 45 - 50 dBA
- 50 - 55 dBA
- 55 - 60 dBA
- 60 - 65 dBA
- 65 - 70 dBA
- > 70 dBA

Receiver 2m Behind Property Line

- < 65 dBA
- > 65 dBA

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-10400 -10200 -10000 -9800 -9600 -9400 -9200 -9000 -8800 -8600 -8400 -8200 -8000

5642400 5642200 5642000 5641800 5641600 5641400 5641200 5641000 5640800

Evergreen 050
Evergreen 070
Evergreen 090
Evergreen 110
Evergreen 130
Evergreen 140
Evergreen 164
162 Ave SW
Bridlewood 020
Bridlewood 040

**Southwest Calgary Ring Road**
**1383-16A**

**Year 2025**
**Traffic Noise Prediction**

**With**
**Existing Attenuation Only**

N

**Figure A-4**
**Predicted Noise Contours**
Bridlewood, Evergreen
and Tsuu T'ina Areas

**Sound Levels**
Leq24

- < 45 dBA
- 45 - 50 dBA
- 50 - 55 dBA
- 55 - 60 dBA
- 60 - 65 dBA
- 65 - 70 dBA
- > 70 dBA

Receiver 2m Behind Property Line

- < 65 dBA
- > 65 dBA

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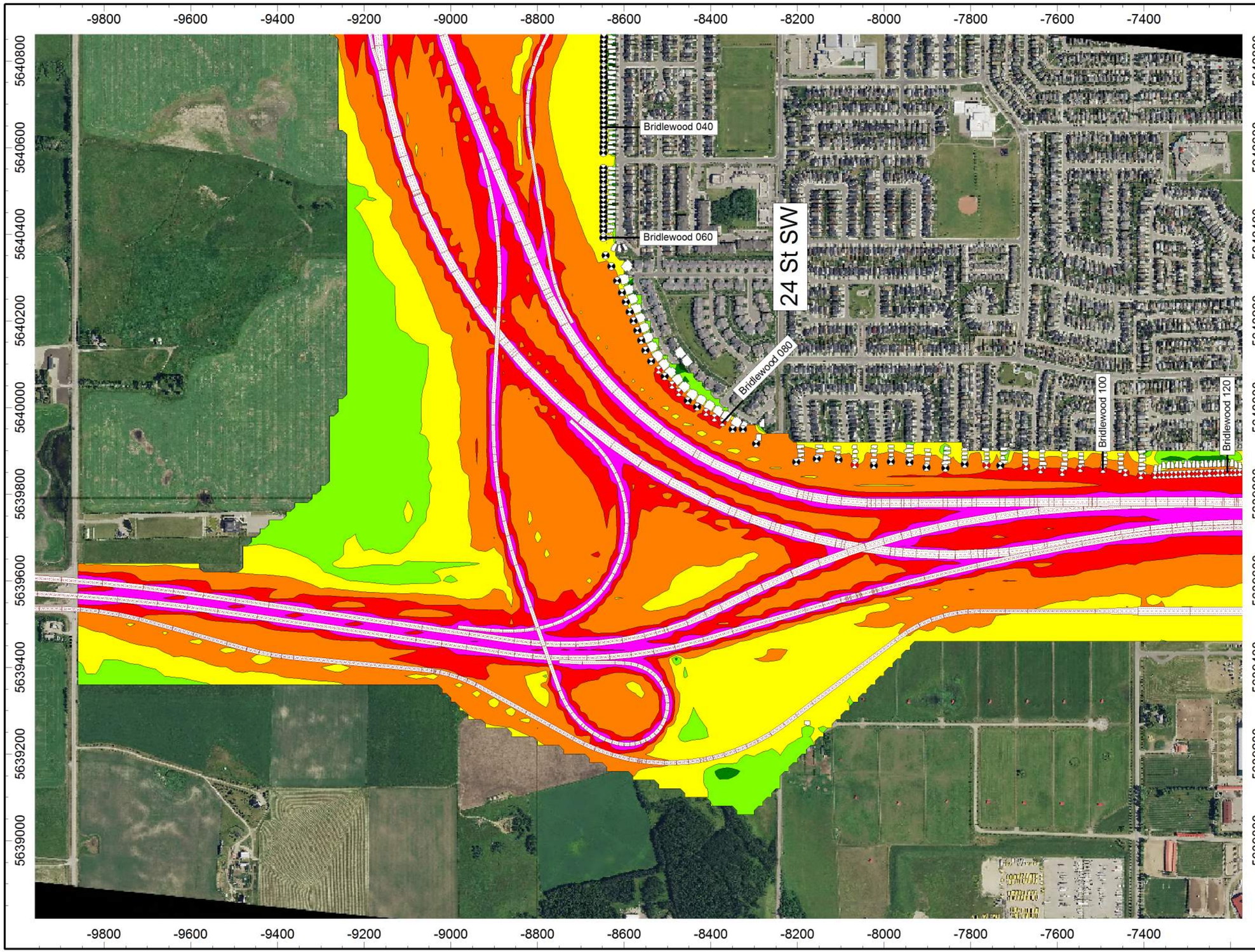


**Southwest Calgary Ring Road**
**1383-16A**

**Year 2025**
**Traffic Noise Prediction**

**With**
**Existing Attenuation Only**

**Figure A-3**
**Predicted Noise Contours**
Bridlewood
and Tsuu T'ina Areas

**Sound Levels**
Leq24

- < 45 dBA
- 45 - 50 dBA
- 50 - 55 dBA
- 55 - 60 dBA
- 60 - 65 dBA
- 65 - 70 dBA
- > 70 dBA

Receiver 2m Behind Property Line

- < 65 dBA
- > 65 dBA

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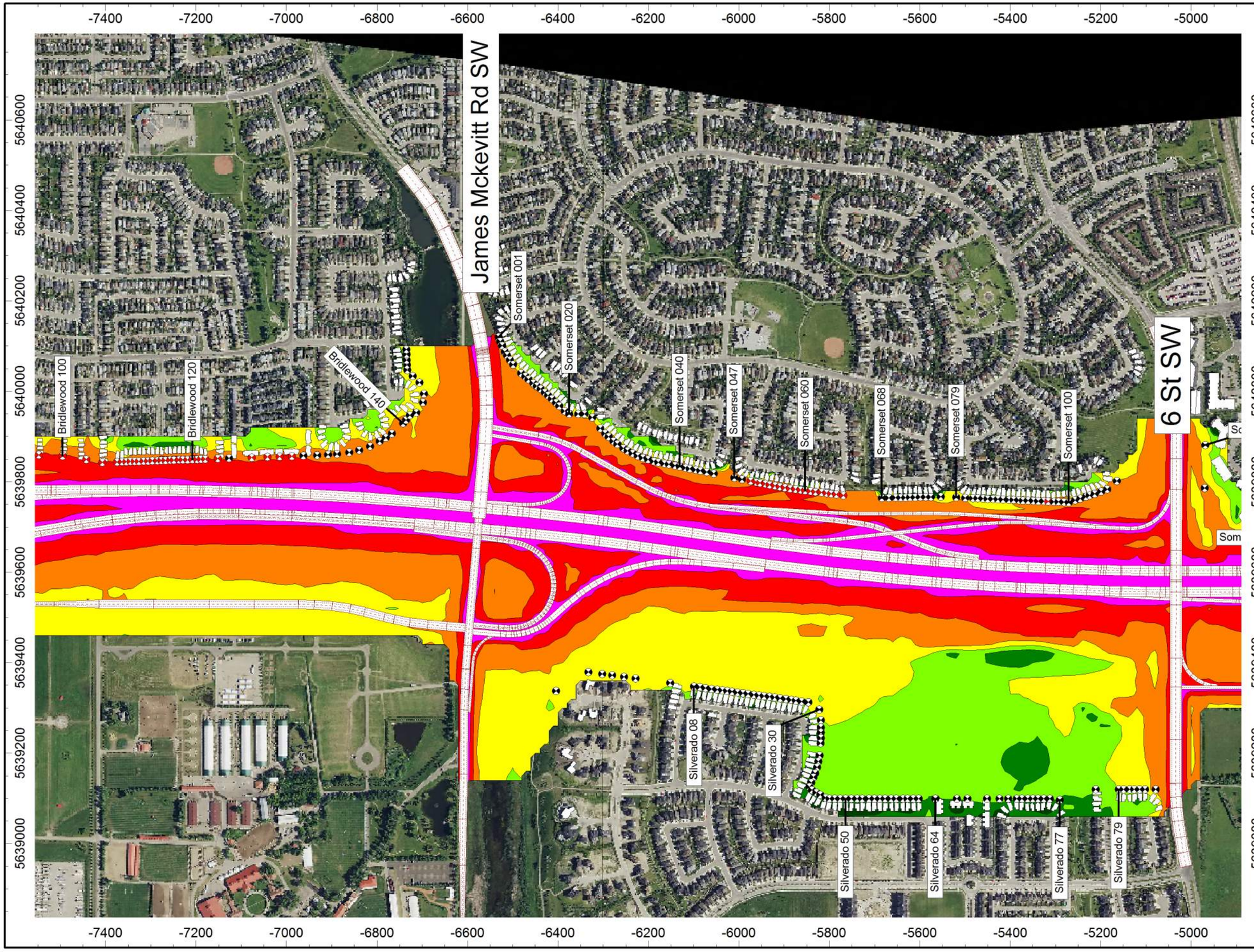


**Southwest Calgary Ring Road**
**1383-16A**

**Year 2025**
**Traffic Noise Prediction**

**With**
**Existing Attenuation Only**

**Figure A-2**
**Predicted Noise Contours**
Silverado, Somerset
and Bridlewood Areas

**Sound Levels**
Leq24

- < 45 dBA
- 45 - 50 dBA
- 50 - 55 dBA
- 55 - 60 dBA
- 60 - 65 dBA
- 65 - 70 dBA
- > 70 dBA

Receiver 2m Behind Property Line

- < 65 dBA
- > 65 dBA

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**Southwest Calgary Ring Road**
**1383-16A**

**Year 2025**
**Traffic Noise Prediction**

**With**
**Existing Attenuation Only**

**Figure A-1**
**Predicted Noise Contours**
Chaparral, Sundance
and Shawville Areas

**Sound Levels**
Leq24

- < 45 dBA
- 45 - 50 dBA
- 50 - 55 dBA
- 55 - 60 dBA
- 60 - 65 dBA
- 65 - 70 dBA
- > 70 dBA

Receiver 2m Behind Property Line

- < 65 dBA
- > 65 dBA

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Southwest Calgary Ring Road
1383-16A

Year 2030
Traffic Noise Prediction

With
Existing Attenuation Only

Figure B-12
Predicted Noise Contours

Sound Levels
Leq24

- < 45 dBA
- 45 - 50 dBA
- 50 - 55 dBA
- 55 - 60 dBA
- 60 - 65 dBA
- 65 - 70 dBA
- > 70 dBA

Receiver 2m Behind Property Line

- < 65 dBA
- > 65 dBA

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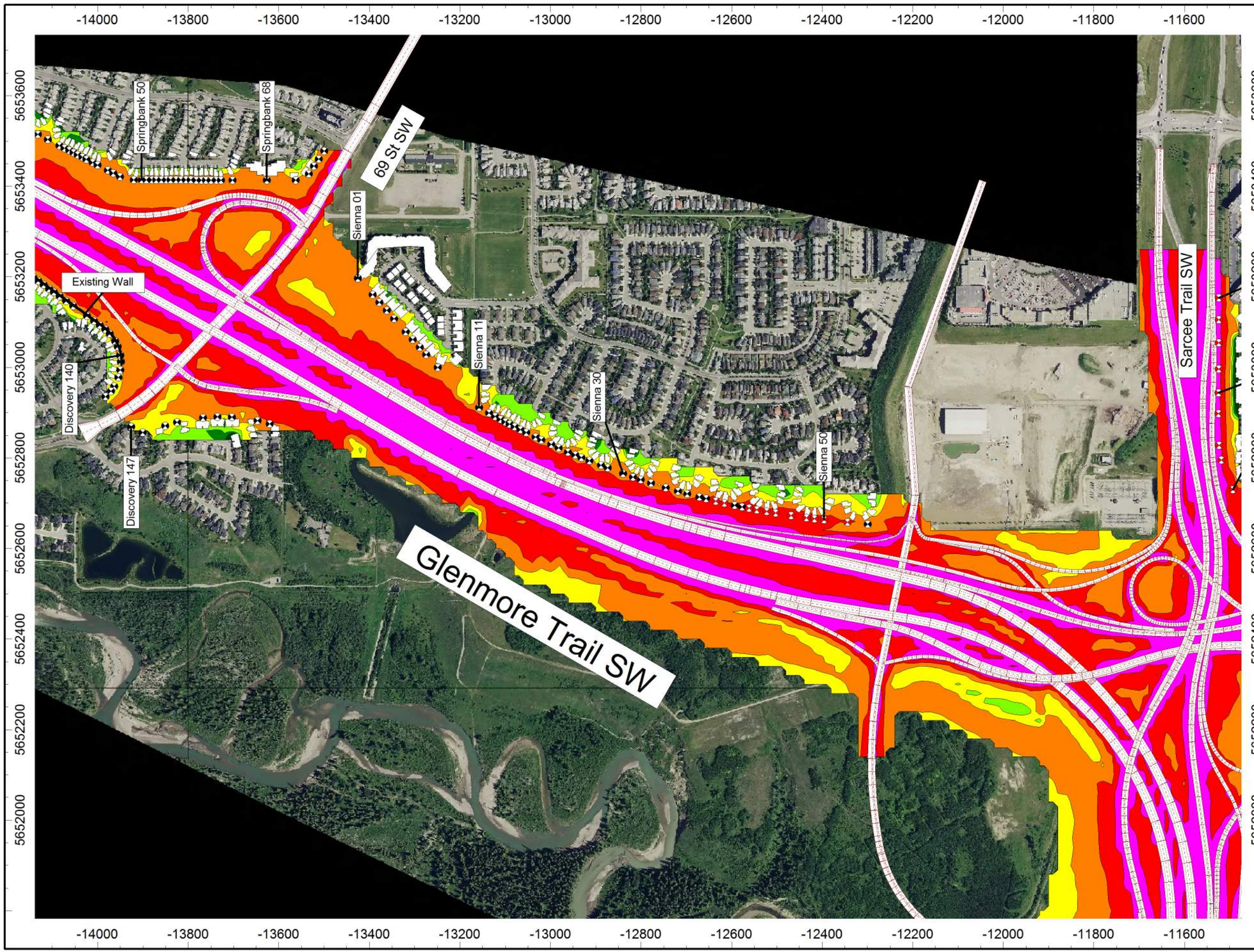


**Southwest Calgary Ring Road**
**1383-16A**

**Year 2030**
**Traffic Noise Prediction**

**With**
**Existing Attenuation Only**

**Figure B-11**
**Predicted Noise Contours**
Signal Hill, Discovery Ridge and Tsuu T'ina Areas

**Sound Levels**
Leq24

- < 45 dBA
- 45 - 50 dBA
- 50 - 55 dBA
- 55 - 60 dBA
- 60 - 65 dBA
- 65 - 70 dBA
- > 70 dBA

Receiver 2m Behind Property Line

- < 65 dBA
- > 65 dBA

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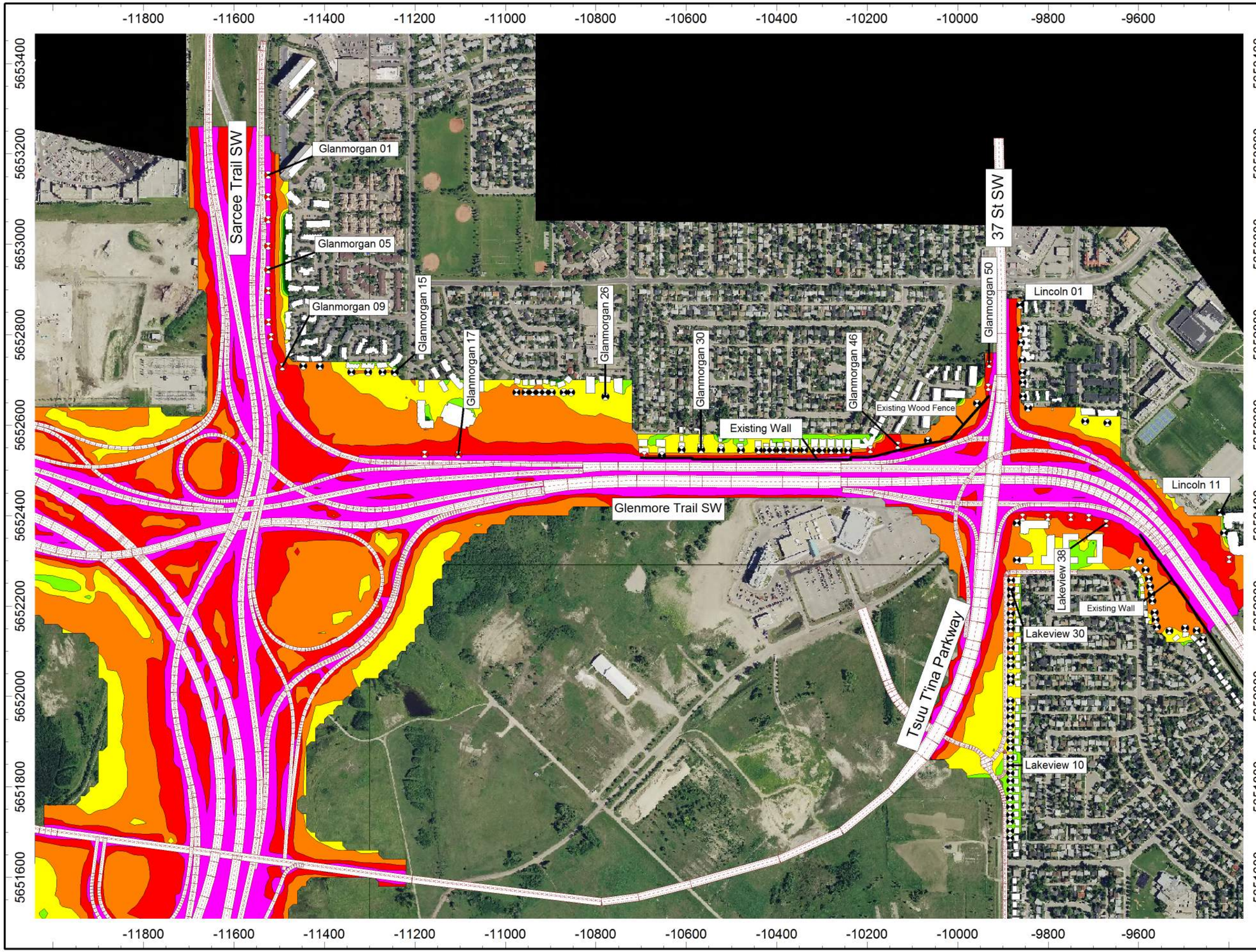


**Southwest Calgary Ring Road**
**1383-16A**

**Year 2030**
**Traffic Noise Prediction**

**With**
**Existing Attenuation Only**

**Figure B-10**
**Predicted Noise Contours**
Glamorgan, Lincoln Park,
Lakeview and Tsuu T'ina Areas

**Sound Levels**
Leq24

- < 45 dBA
- 45 - 50 dBA
- 50 - 55 dBA
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- > 70 dBA

Receiver 2m Behind Property Line

- < 65 dBA
- > 65 dBA

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-12600 -12400 -12200 -12000 -11800 -11600 -11400 -11200 -11000 -10800 -10600 -10400 -10200

5651600 5651400 5651200 5651000 5650800 5650600 5650400 5650200 5650000

**Southwest Calgary Ring Road**
**1383-16A**

**Year 2030**
**Traffic Noise Prediction**

**With**
**Existing Attenuation Only**

**Figure B-9**
**Predicted Noise Contours**
Lakeview and
Tsuu T'ina Areas

**Sound Levels**
Leq24

- < 45 dBA
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- 60 - 65 dBA
- 65 - 70 dBA
- > 70 dBA

Receiver 2m Behind Property Line

- < 65 dBA
- > 65 dBA

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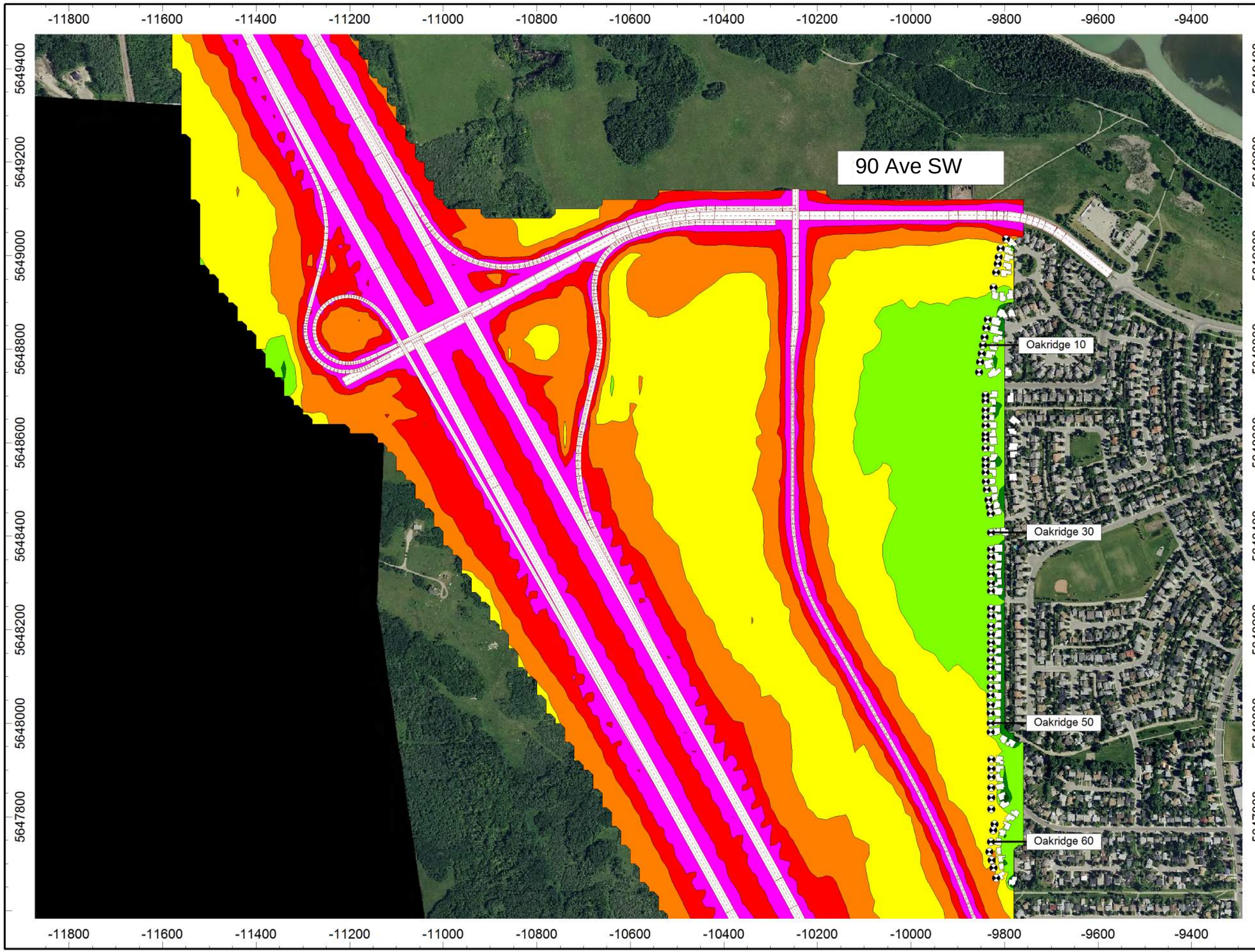



**Southwest Calgary Ring Road**
**1383-16A**

**Year 2030**
**Traffic Noise Prediction**

**With**
**Existing Attenuation Only**

**Figure B-8**
**Predicted Noise Contours**
Oakridge and
Tsuu T'ina Areas

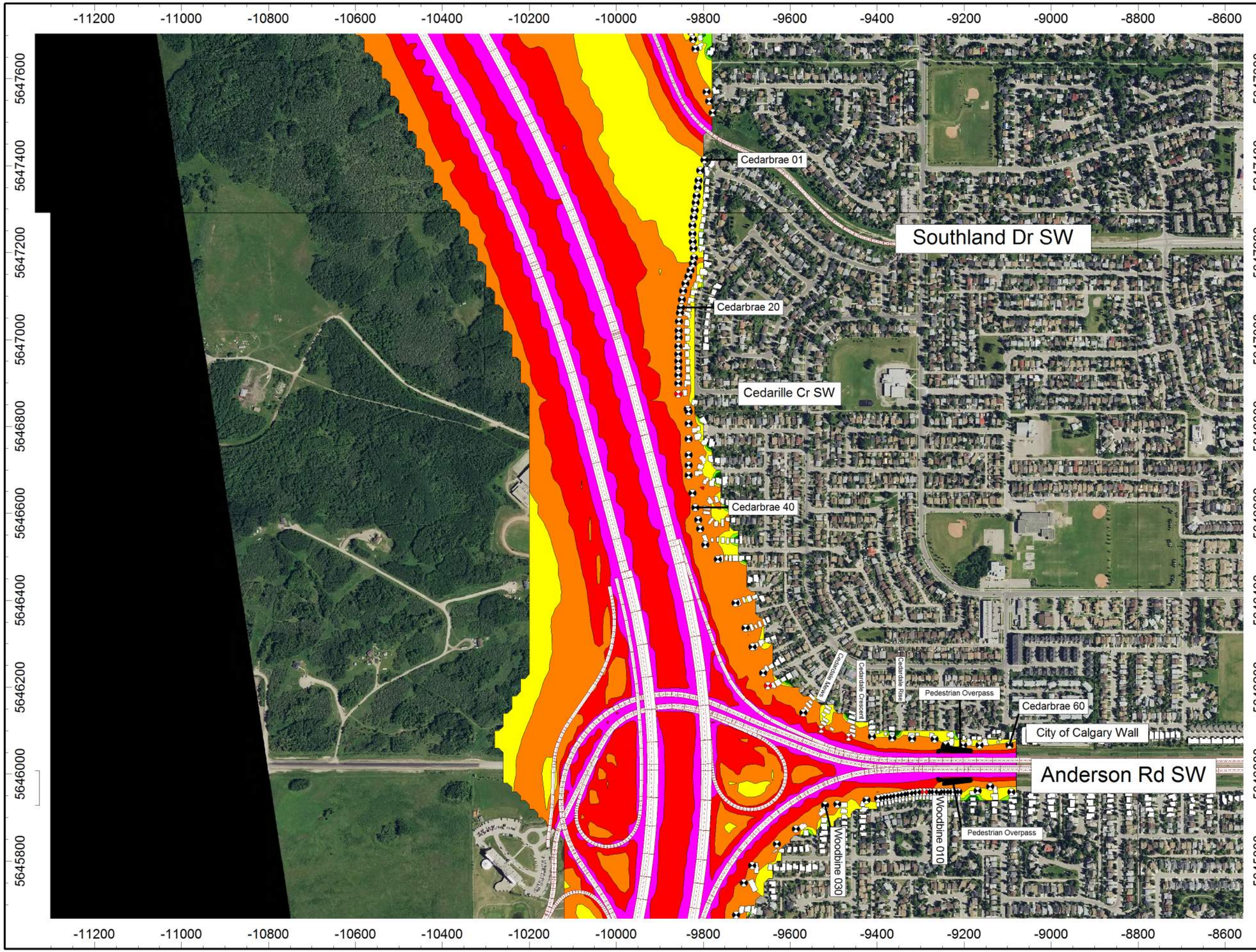
**Sound Levels**
Leq24

- < 45 dBA
- 45 - 50 dBA
- 50 - 55 dBA
- 55 - 60 dBA
- 60 - 65 dBA
- 65 - 70 dBA
- > 70 dBA

Receiver 2m Behind Property Line

- < 65 dBA
- > 65 dBA

BKL




**Southwest Calgary Ring Road**
**1383-16A**

**Year 2030**
**Traffic Noise Prediction**

**With**
**Existing Attenuation Only**

**Figure B-7**
**Predicted Noise Contours**
Woodbine, Cedarbrae
and Tsuu T'ina Areas

**Sound Levels**
Leq24

- < 45 dBA
- 45 - 50 dBA
- 50 - 55 dBA
- 55 - 60 dBA
- 60 - 65 dBA
- 65 - 70 dBA
- > 70 dBA

Receiver 2m Behind Property Line

- < 65 dBA
- > 65 dBA

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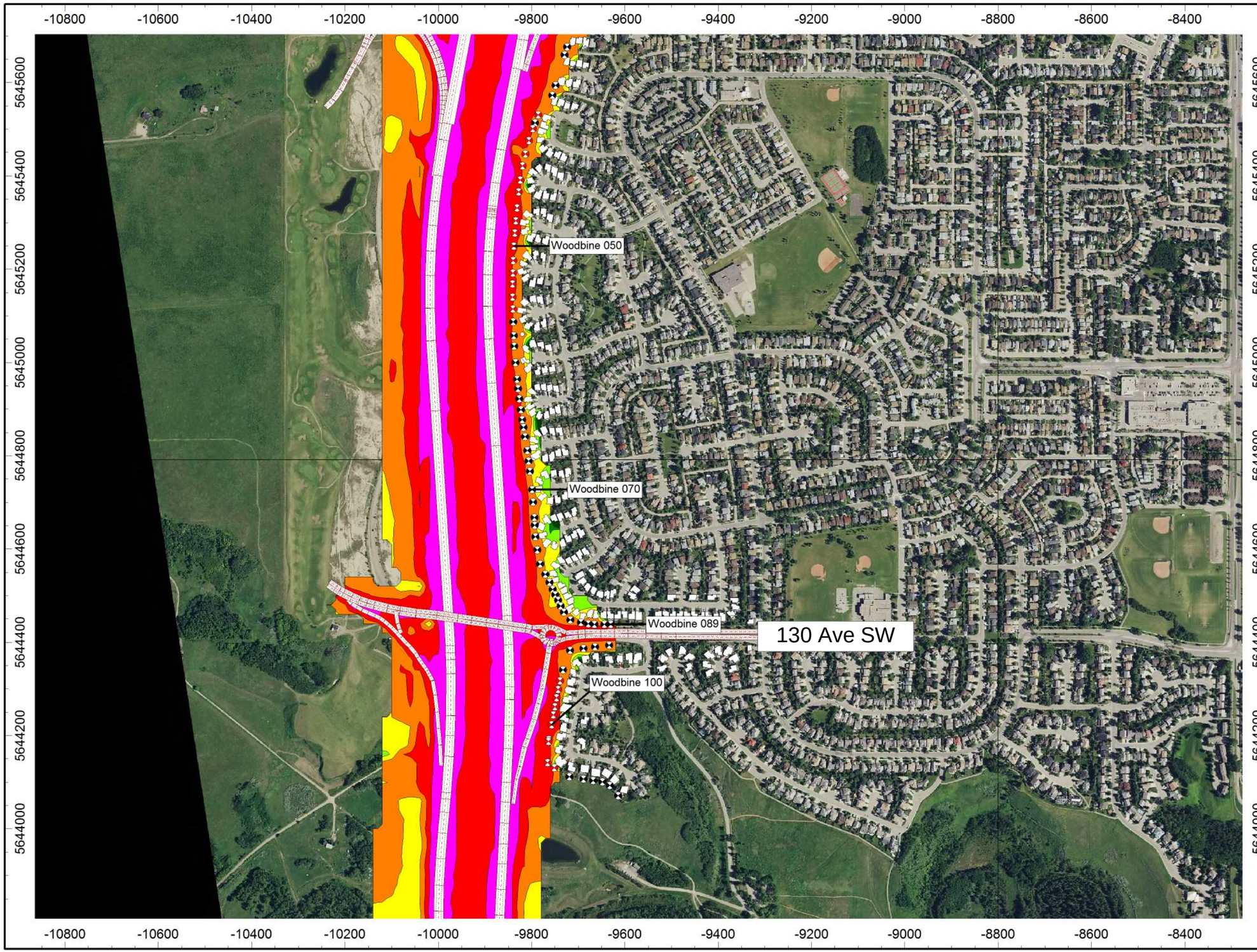


**Southwest Calgary Ring Road**
**1383-16A**

**Year 2030**
**Traffic Noise Prediction**

**With**
**Existing Attenuation Only**

**Figure B-6**
**Predicted Noise Contours**
Woodbine and
Tsuu T'ina Areas

**Sound Levels**
Leq24

- < 45 dBA
- 45 - 50 dBA
- 50 - 55 dBA
- 55 - 60 dBA
- 60 - 65 dBA
- 65 - 70 dBA
- > 70 dBA

Receiver 2m Behind Property Line

- < 65 dBA
- > 65 dBA

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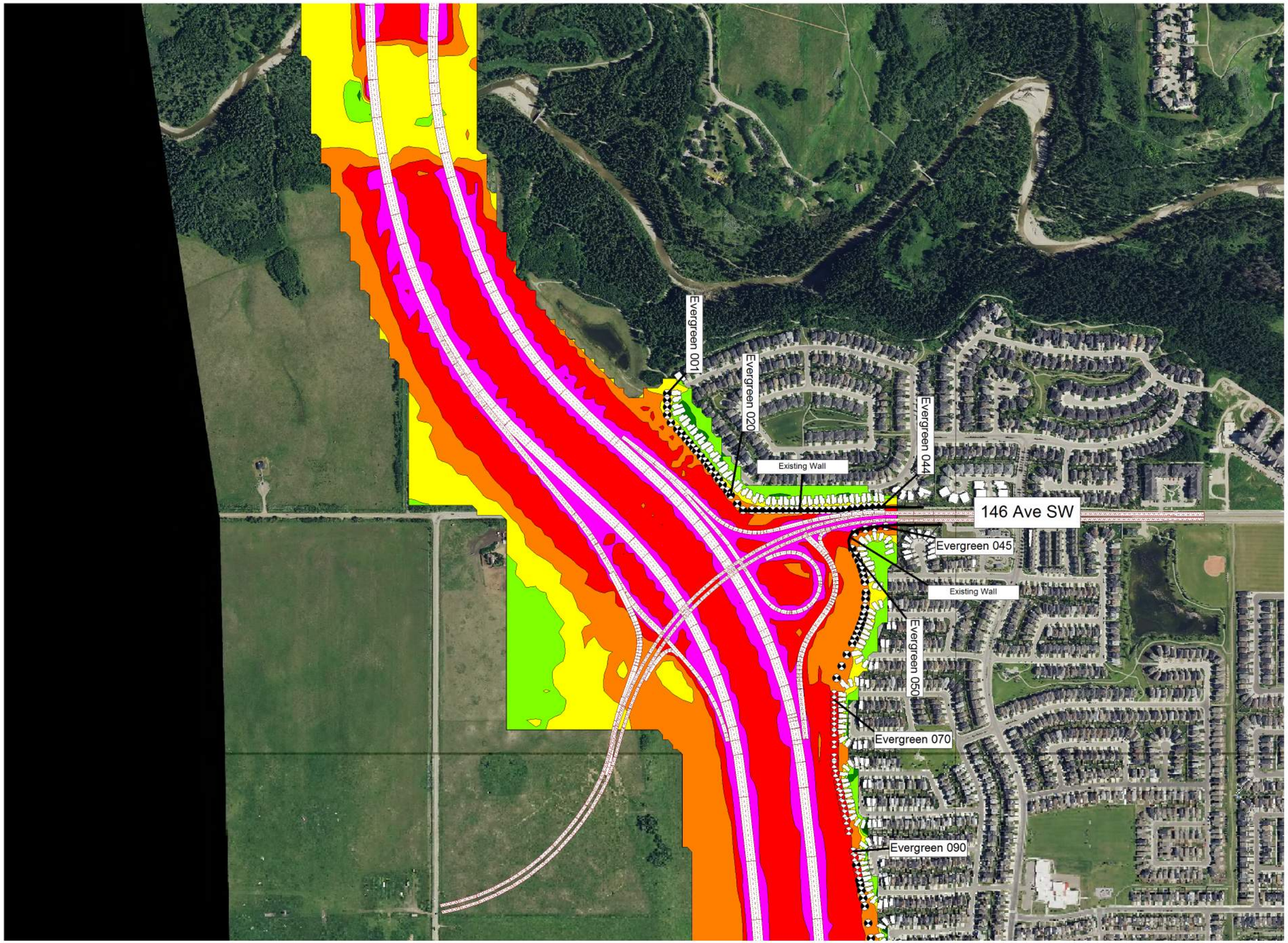



**Southwest Calgary Ring Road**
**1383-16A**

**Year 2030**
**Traffic Noise Prediction**

**With**
**Existing Attenuation Only**

**Figure B-5**
**Predicted Noise Contours**
Evergreen and
Tsuu T'ina Areas

**Sound Levels**
Leq24

- < 45 dBA
- 45 - 50 dBA
- 50 - 55 dBA
- 55 - 60 dBA
- 60 - 65 dBA
- 65 - 70 dBA
- > 70 dBA

Receiver 2m Behind Property Line

- < 65 dBA
- > 65 dBA

BKL

-10400 -10200 -10000 -9800 -9600 -9400 -9200 -9000 -8800 -8600 -8400 -8200 -8000

5642400 5642200 5642000 5641800 5641600 5641400 5641200 5641000 5640800

Evergreen 050
Evergreen 070
Evergreen 090
Evergreen 110
Evergreen 130
Evergreen 140
Evergreen 164
162 Ave SW
Bridlewood 020
Bridlewood 040

**Southwest Calgary Ring Road**
**1383-16A**

**Year 2030**
**Traffic Noise Prediction**

**With**
**Existing Attenuation Only**

N

**Figure B-4**
**Predicted Noise Contours**
Bridlewood, Evergreen
and Tsuu T'ina Areas

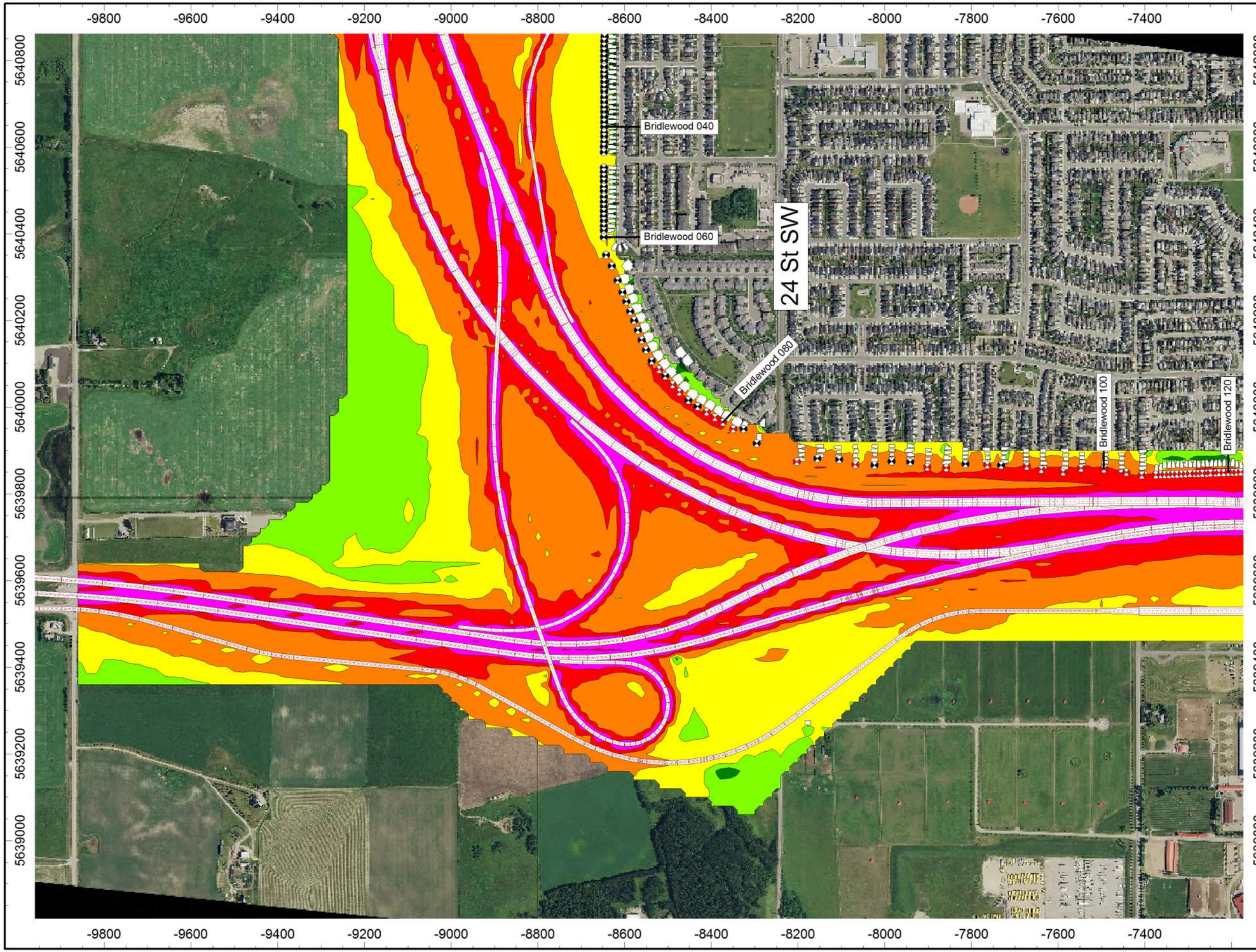
**Sound Levels**
Leq24

- < 45 dBA
- 45 - 50 dBA
- 50 - 55 dBA
- 55 - 60 dBA
- 60 - 65 dBA
- 65 - 70 dBA
- > 70 dBA

Receiver 2m Behind Property Line

- < 65 dBA
- > 65 dBA

BKL




**Southwest Calgary Ring Road**
**1383-16A**

**Year 2030**
**Traffic Noise Prediction**

**With**
**Existing Attenuation Only**

**Figure B-3**
**Predicted Noise Contours**
Bridlewood
and Tsuu T'ina Areas

**Sound Levels**
Leq24

- < 45 dBA
- 45 - 50 dBA
- 50 - 55 dBA
- 55 - 60 dBA
- 60 - 65 dBA
- 65 - 70 dBA
- > 70 dBA

Receiver 2m Behind Property Line

- < 65 dBA
- > 65 dBA

BKL

-7400 -7200 -7000 -6800 -6600 -6400 -6200 -6000 -5800 -5600 -5400 -5200 -5000

5640600 5640400 5640200 5640000 5639800 5639600 5639400 5639200 5639000

James Mckevitt Rd SW

6 St SW

Bridlewood 100
Bridlewood 120
Bridlewood 140
Somerset 001
Somerset 020
Somerset 040
Somerset 047
Somerset 060
Somerset 068
Somerset 079
Somerset 100
Silverado 08
Silverado 30
Silverado 50
Silverado 64
Silverado 77
Silverado 79

**Southwest Calgary Ring Road**
**1383-16A**

**Year 2030**
**Traffic Noise Prediction**

**With**
**Existing Attenuation Only**

**Figure B-2**
**Predicted Noise Contours**
Silverado, Somerset
and Bridlewood Areas

**Sound Levels**
Leq24

- < 45 dBA
- 45 - 50 dBA
- 50 - 55 dBA
- 55 - 60 dBA
- 60 - 65 dBA
- 65 - 70 dBA
- > 70 dBA

Receiver 2m Behind Property Line

- < 65 dBA
- > 65 dBA

BKL

-5000 -4800 -4600 -4400 -4200 -4000 -3800 -3600 -3400 -3200 -3000 -2800

5640200 5640000 5639800 5639600 5639400 5639200 5639000 5638800 5638600

6 St SW

Somerset 109

Somerset 111

Sundance 12

Sundance 23

Sundance 40

Sundance 44

Sundance 52

Chaparral 50

Chaparral 60

Chaparral 68

Chaparral 33

Existing Wall

Chaparral 13

Chaparral 01

Macleod Trail

**Southwest Calgary Ring Road**
**1383-16A**

**Year 2030**
**Traffic Noise Prediction**

**With**
**Existing Attenuation Only**

**Figure B-1**
**Predicted Noise Contours**
Chaparral, Sundance
and Shawville Areas

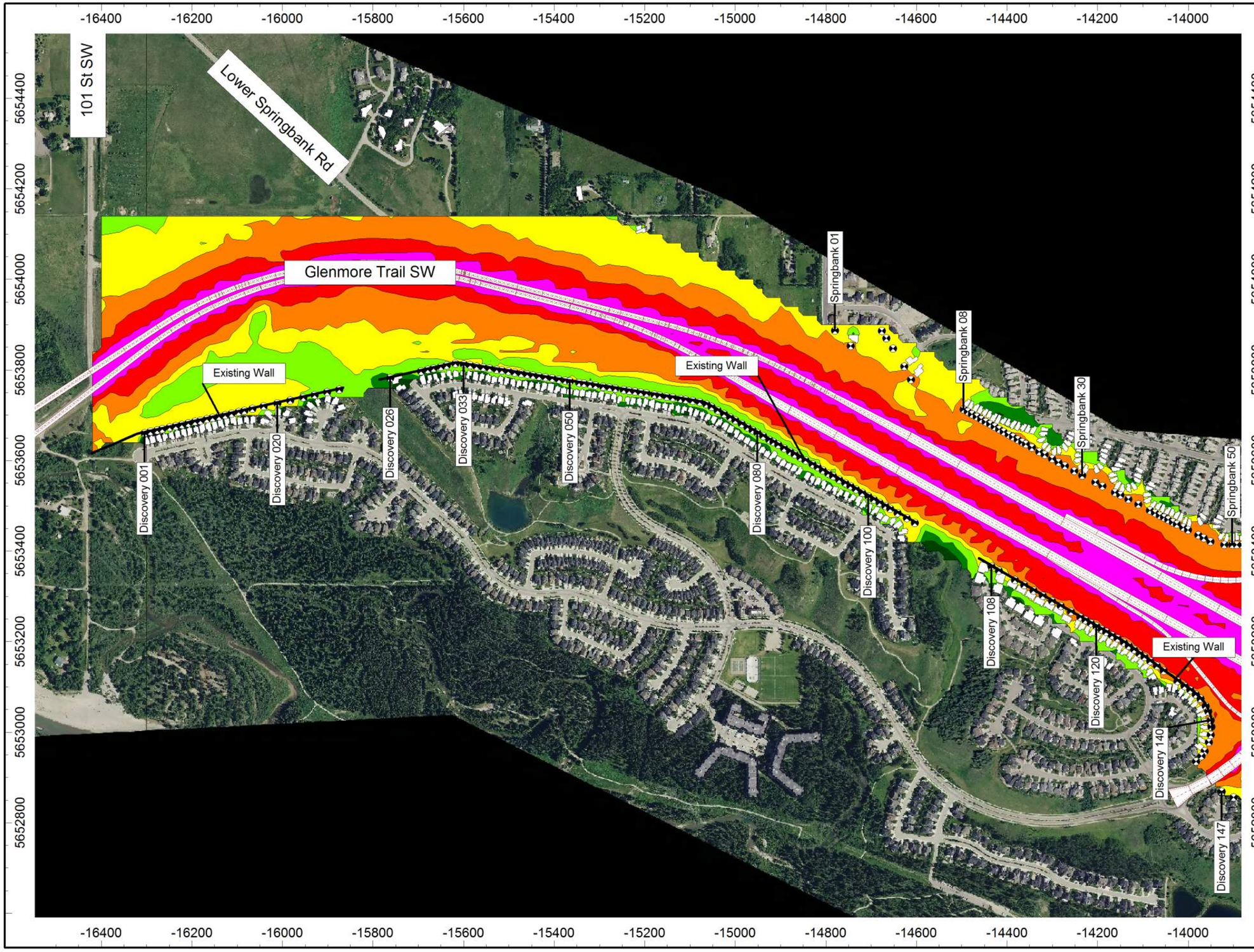
**Sound Levels**
Leq24

- < 45 dBA
- 45 - 50 dBA
- 50 - 55 dBA
- 55 - 60 dBA
- 60 - 65 dBA
- 65 - 70 dBA
- > 70 dBA

Receiver 2m Behind Property Line

- < 65 dBA
- > 65 dBA

BKL




**Southwest Calgary Ring Road**
**1383-16A**

**Year 2050**
**Traffic Noise Prediction**

**With**
**Existing Attenuation Only**

**Figure C-12**
**Predicted Noise Contours**
Discovery Ridge
and Springbank

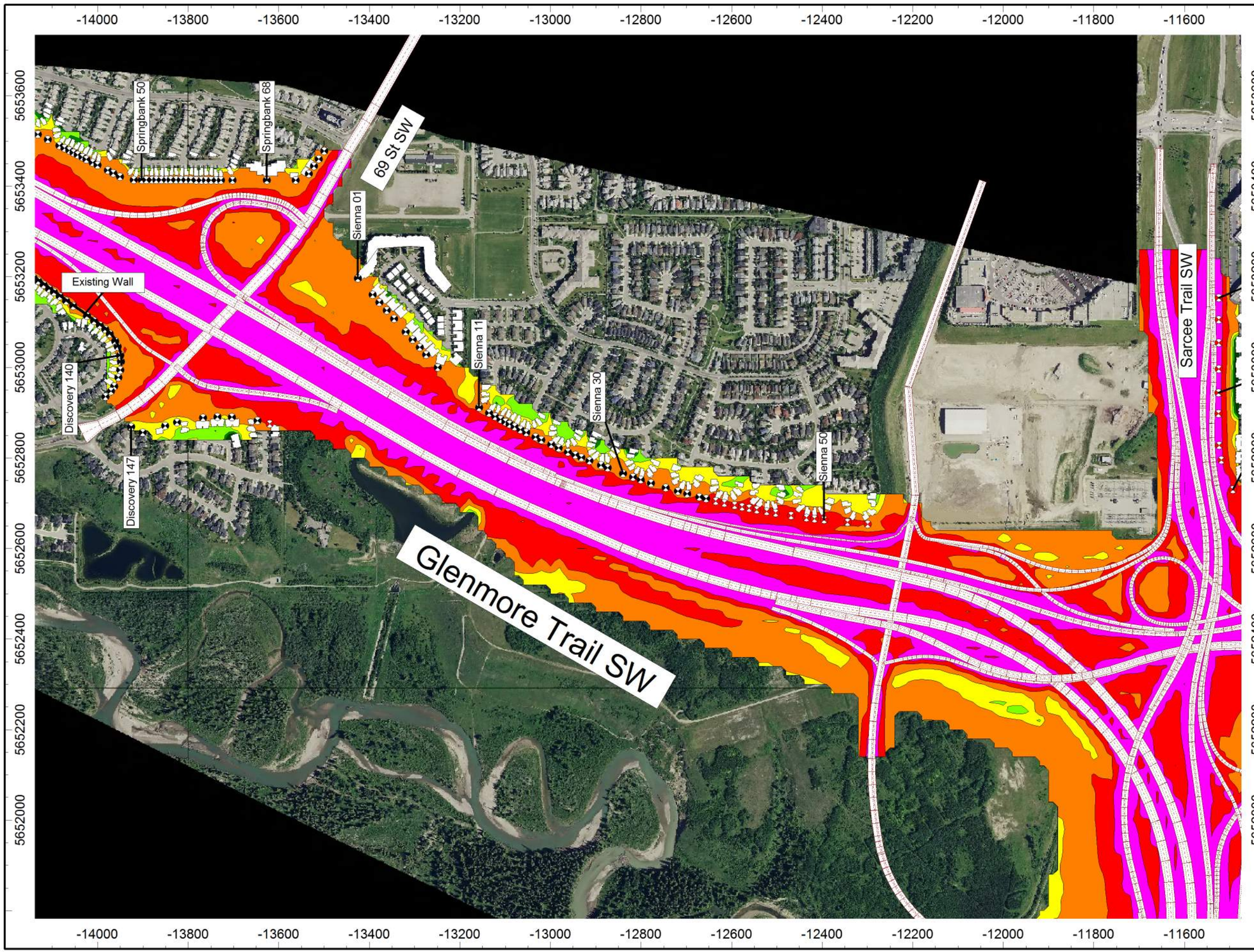
**Sound Levels**
Leq24

- < 45 dBA
- 45 - 50 dBA
- 50 - 55 dBA
- 55 - 60 dBA
- 60 - 65 dBA
- 65 - 70 dBA
- > 70 dBA

Receiver 2m Behind Property Line

- < 65 dBA
- > 65 dBA

BKL




**Southwest Calgary Ring Road**
**1383-16A**

**Year 2050**
**Traffic Noise Prediction**

**With**
**Existing Attenuation Only**

**Figure C-11**
**Predicted Noise Contours**
Signal Hill, Discovery Ridge and Tsuu T'ina Areas

**Sound Levels**
Leq24

- < 45 dBA
- 45 - 50 dBA
- 50 - 55 dBA
- 55 - 60 dBA
- 60 - 65 dBA
- 65 - 70 dBA
- > 70 dBA

Receiver 2m Behind Property Line

- < 65 dBA
- > 65 dBA

BKL

-11800 -11600 -11400 -11200 -11000 -10800 -10600 -10400 -10200 -10000 -9800 -9600

5653400 5653200 5653000 5652800 5652600 5652400 5652200 5652000 5651800 5651600

Sarcee Trail SW

37 St SW

Glenmore Trail SW

Tsuu T'ina Parkway

Glanmorgan 01

Glanmorgan 05

Glanmorgan 09

Glanmorgan 15

Glanmorgan 17

Glanmorgan 26

Glanmorgan 30

Glanmorgan 46

Glanmorgan 50

Existing Wood Fence

Existing Wall

Lincoln 01

Lincoln 11

Lakeview 38

Existing Wall

Lakeview 30

Lakeview 10

**Southwest Calgary Ring Road**
**1383-16A**

**Year 2050**
**Traffic Noise Prediction**

**With**
**Existing Attenuation Only**

**Figure C-10**
**Predicted Noise Contours**
Glamorgan, Lincoln Park, Lakeview and Tsuu T'ina Areas

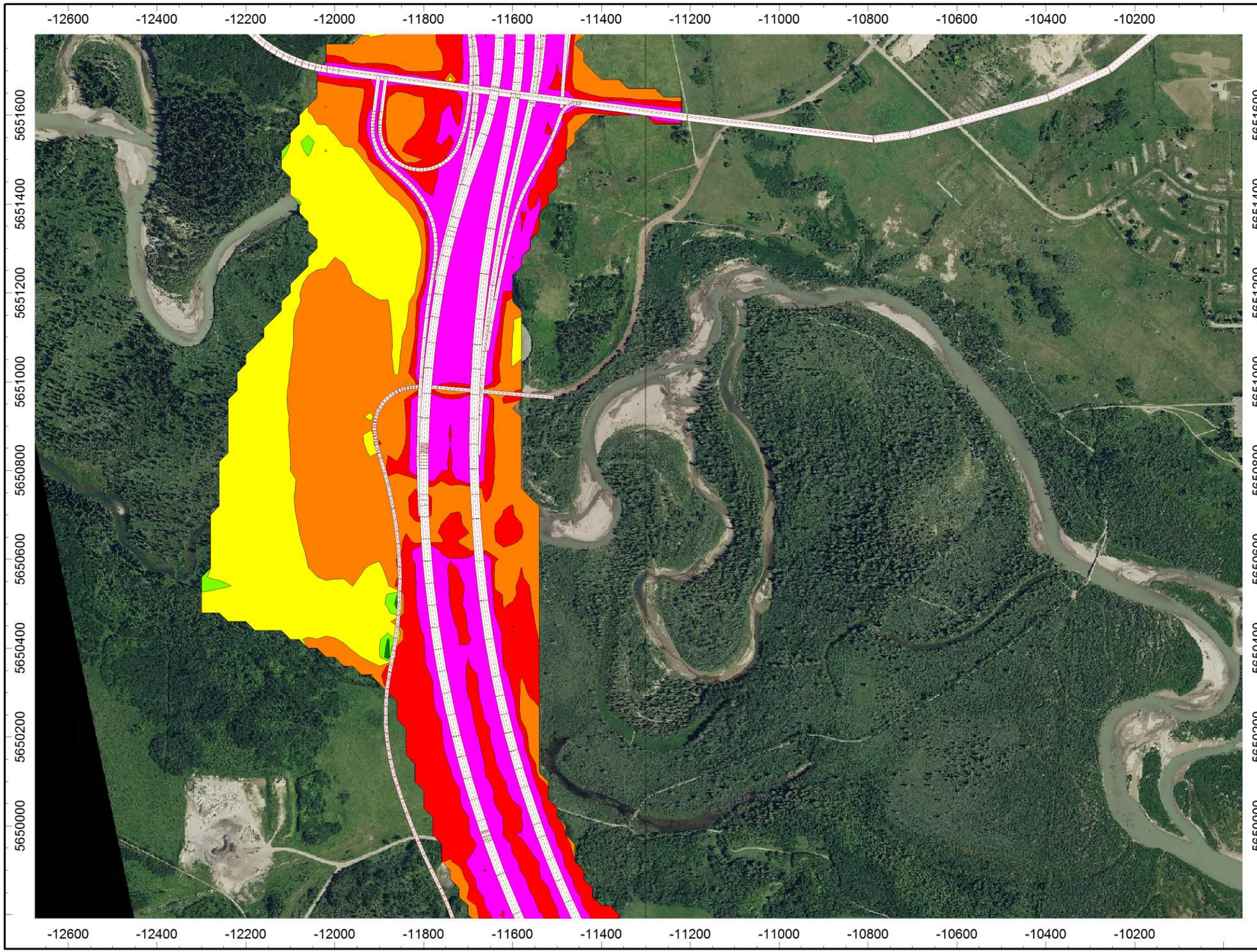
**Sound Levels**
Leq24

- < 45 dBA
- 45 - 50 dBA
- 50 - 55 dBA
- 55 - 60 dBA
- 60 - 65 dBA
- 65 - 70 dBA
- > 70 dBA

Receiver 2m Behind Property Line

- < 65 dBA
- > 65 dBA

BKL




**Southwest Calgary Ring Road**
**1383-16A**

**Year 2050**
**Traffic Noise Prediction**

**With**
**Existing Attenuation Only**

**Figure C-9**
**Predicted Noise Contours**
Lakeview and
Tsuu T'ina Areas

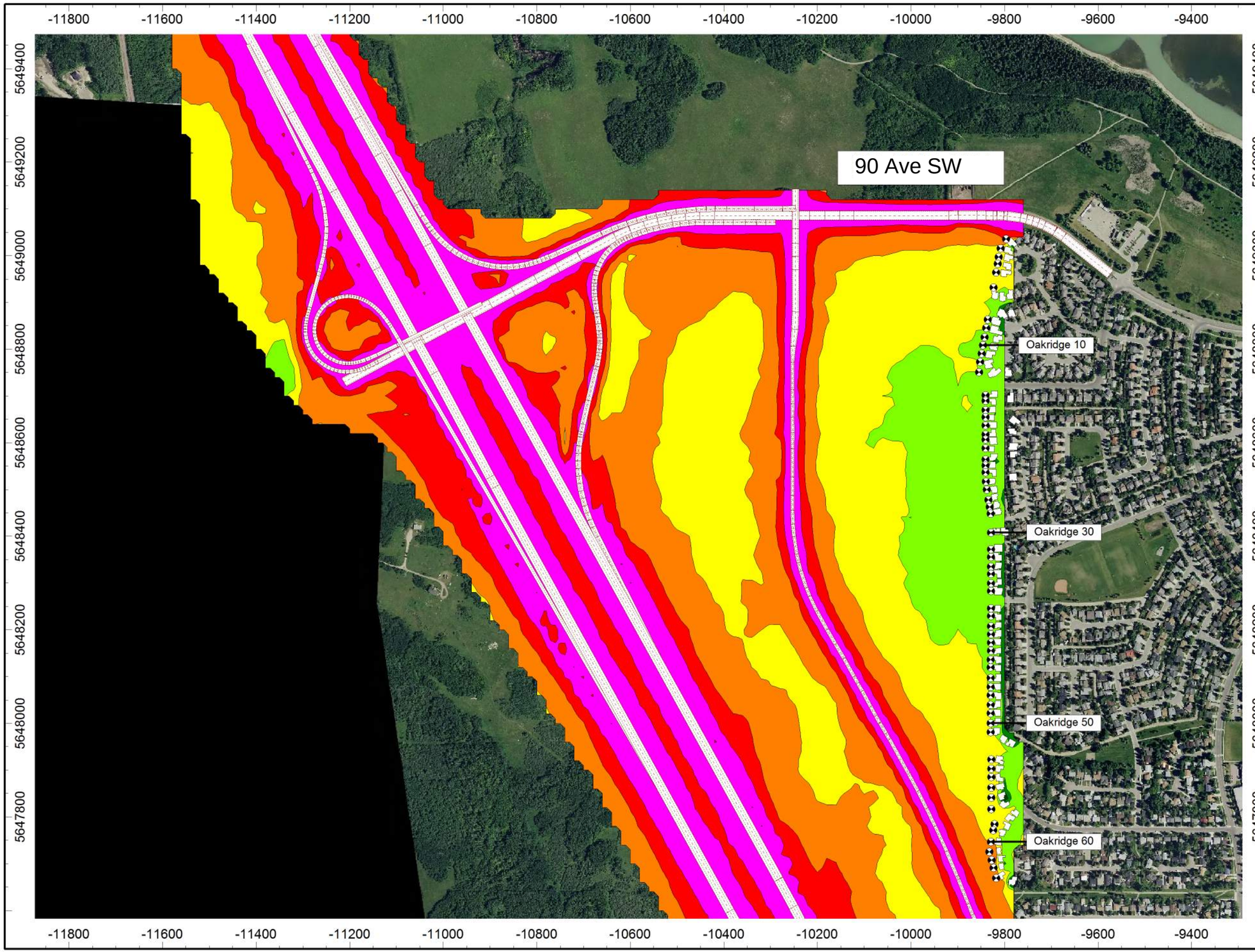
**Sound Levels**
Leq24

- < 45 dBA
- 45 - 50 dBA
- 50 - 55 dBA
- 55 - 60 dBA
- 60 - 65 dBA
- 65 - 70 dBA
- > 70 dBA

Receiver 2m Behind Property Line

- < 65 dBA
- > 65 dBA

BKL




**Southwest Calgary Ring Road**
**1383-16A**

**Year 2050**
**Traffic Noise Prediction**

**With**
**Existing Attenuation Only**

**Figure C-8**
**Predicted Noise Contours**
Oakridge and
Tsuu T'ina Areas

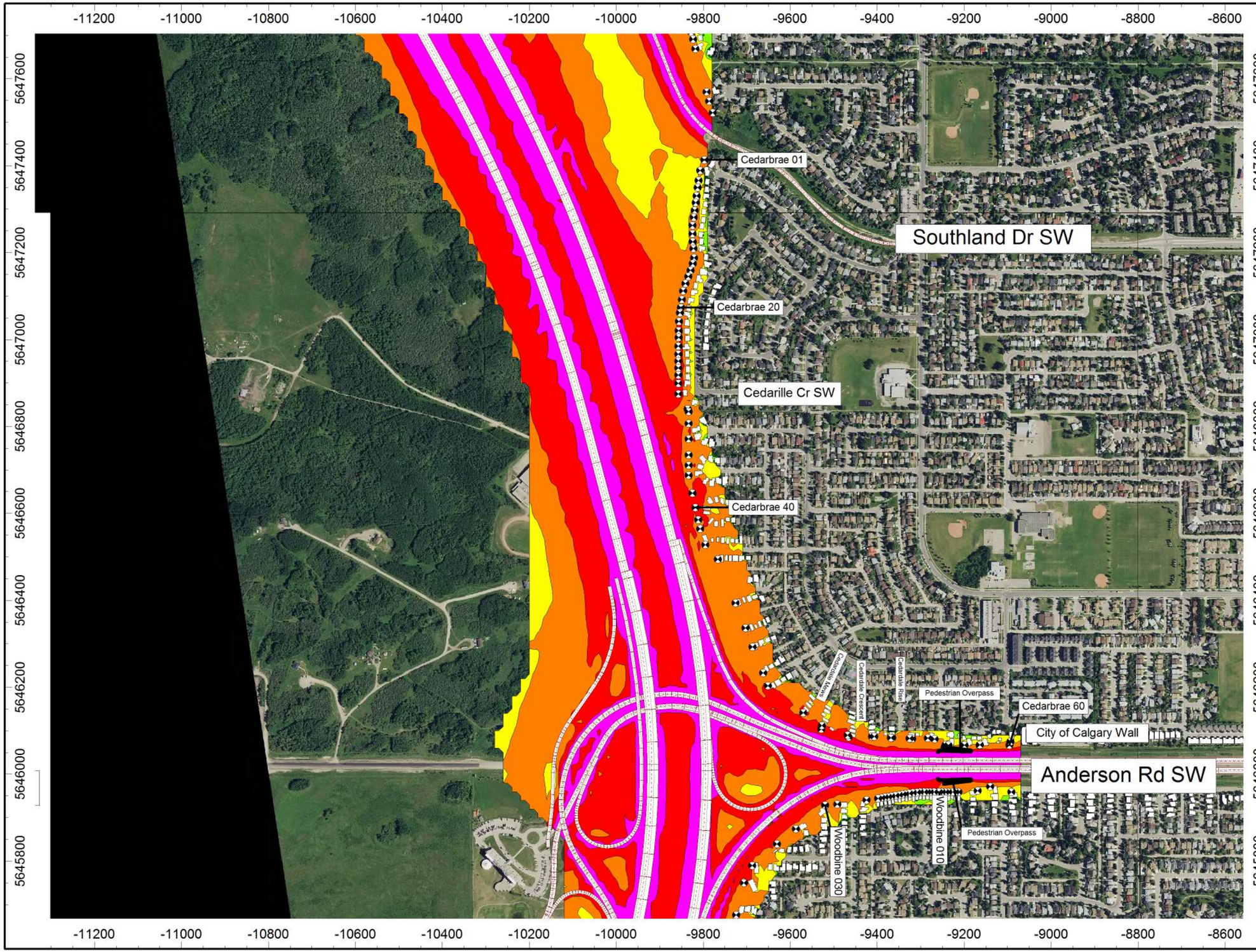
**Sound Levels**
Leq24

- < 45 dBA
- 45 - 50 dBA
- 50 - 55 dBA
- 55 - 60 dBA
- 60 - 65 dBA
- 65 - 70 dBA
- > 70 dBA

Receiver 2m Behind Property Line

- < 65 dBA
- > 65 dBA

BKL




**Southwest Calgary Ring Road**
**1383-16A**

**Year 2050**
**Traffic Noise Prediction**

**With**
**Existing Attenuation Only**

**Figure C-7**
**Predicted Noise Contours**
Woodbine, Cedarbrae
and Tsuu T'ina Areas

**Sound Levels**
Leq24

- < 45 dBA
- 45 - 50 dBA
- 50 - 55 dBA
- 55 - 60 dBA
- 60 - 65 dBA
- 65 - 70 dBA
- > 70 dBA

Receiver 2m Behind Property Line

- < 65 dBA
- > 65 dBA

BKL

**Southwest Calgary Ring Road**
**1383-16A**

**Year 2050**
**Traffic Noise Prediction**

**With**
**Existing Attenuation Only**

**Figure C-6**
**Predicted Noise Contours**
Woodbine and
Tsuu T'ina Areas

**Sound Levels**
Leq24

- < 45 dBA
- 45 - 50 dBA
- 50 - 55 dBA
- 55 - 60 dBA
- 60 - 65 dBA
- 65 - 70 dBA
- > 70 dBA

Receiver 2m Behind Property Line

- < 65 dBA
- > 65 dBA

BKL

**Southwest Calgary Ring Road**
**1383-16A**

**Year 2050**
**Traffic Noise Prediction**

**With**
**Existing Attenuation Only**

**Figure C-5**
**Predicted Noise Contours**
Evergreen and
Tsuu T'ina Areas

**Sound Levels**
Leq24

- < 45 dBA
- 45 - 50 dBA
- 50 - 55 dBA
- 55 - 60 dBA
- 60 - 65 dBA
- 65 - 70 dBA
- > 70 dBA

Receiver 2m Behind Property Line

- < 65 dBA
- > 65 dBA

BKL

-10400 -10200 -10000 -9800 -9600 -9400 -9200 -9000 -8800 -8600 -8400 -8200 -8000

5642400 5642200 5642000 5641800 5641600 5641400 5641200 5641000 5640800

Evergreen 050
Evergreen 070
Evergreen 090
Evergreen 110
Evergreen 130
Evergreen 140
Evergreen 164
162 Ave SW
Bridlewood 020
Bridlewood 040

**Southwest Calgary Ring Road**
**1383-16A**

**Year 2050**
**Traffic Noise Prediction**

**With**
**Existing Attenuation Only**

N

**Figure C-4**
**Predicted Noise Contours**
Bridlewood, Evergreen
and Tsuu T'ina Areas

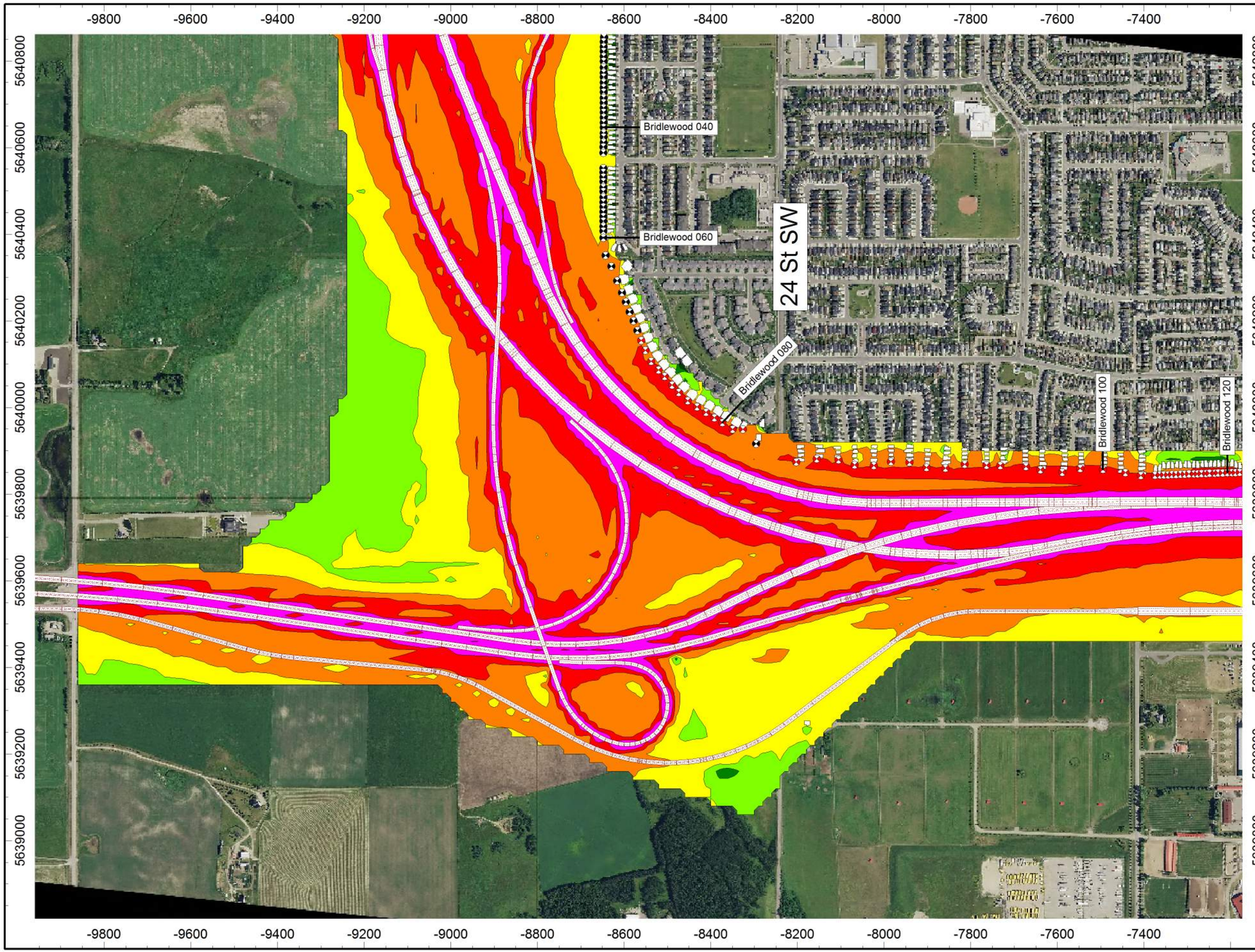
**Sound Levels**
Leq24

- < 45 dBA
- 45 - 50 dBA
- 50 - 55 dBA
- 55 - 60 dBA
- 60 - 65 dBA
- 65 - 70 dBA
- > 70 dBA

Receiver 2m Behind Property Line

- < 65 dBA
- > 65 dBA

BKL




**Southwest Calgary Ring Road**
**1383-16A**

**Year 2050**
**Traffic Noise Prediction**

**With**
**Existing Attenuation Only**

**Figure C-3**
**Predicted Noise Contours**
Bridlewood
and Tsuu T'ina Areas

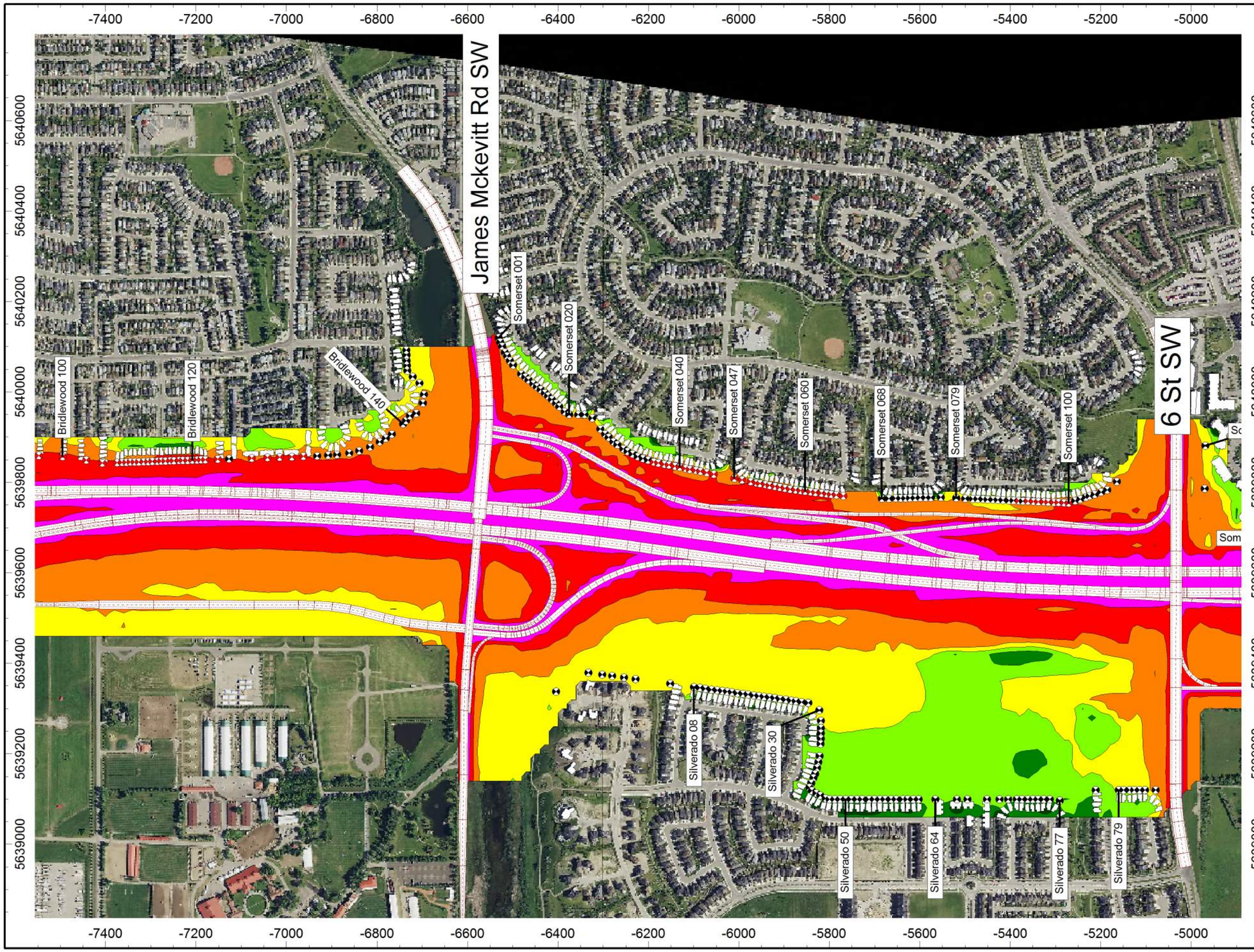
**Sound Levels**
Leq24

- < 45 dBA
- 45 - 50 dBA
- 50 - 55 dBA
- 55 - 60 dBA
- 60 - 65 dBA
- 65 - 70 dBA
- > 70 dBA

Receiver 2m Behind Property Line

- < 65 dBA
- > 65 dBA

BKL




**Southwest Calgary Ring Road**
**1383-16A**

**Year 2050**
**Traffic Noise Prediction**

**With**
**Existing Attenuation Only**

**Figure C-2**
**Predicted Noise Contours**
Silverado, Somerset
and Bridlewood Areas

**Sound Levels**
Leq24

- < 45 dBA
- 45 - 50 dBA
- 50 - 55 dBA
- 55 - 60 dBA
- 60 - 65 dBA
- 65 - 70 dBA
- > 70 dBA

Receiver 2m Behind Property Line

- < 65 dBA
- > 65 dBA

BKL

**Southwest Calgary Ring Road**
**1383-16A**

**Year 2050**
**Traffic Noise Prediction**

**With**
**Existing Attenuation Only**

**Figure C-1**
**Predicted Noise Contours**
Chaparral, Sundance
and Shawville Areas

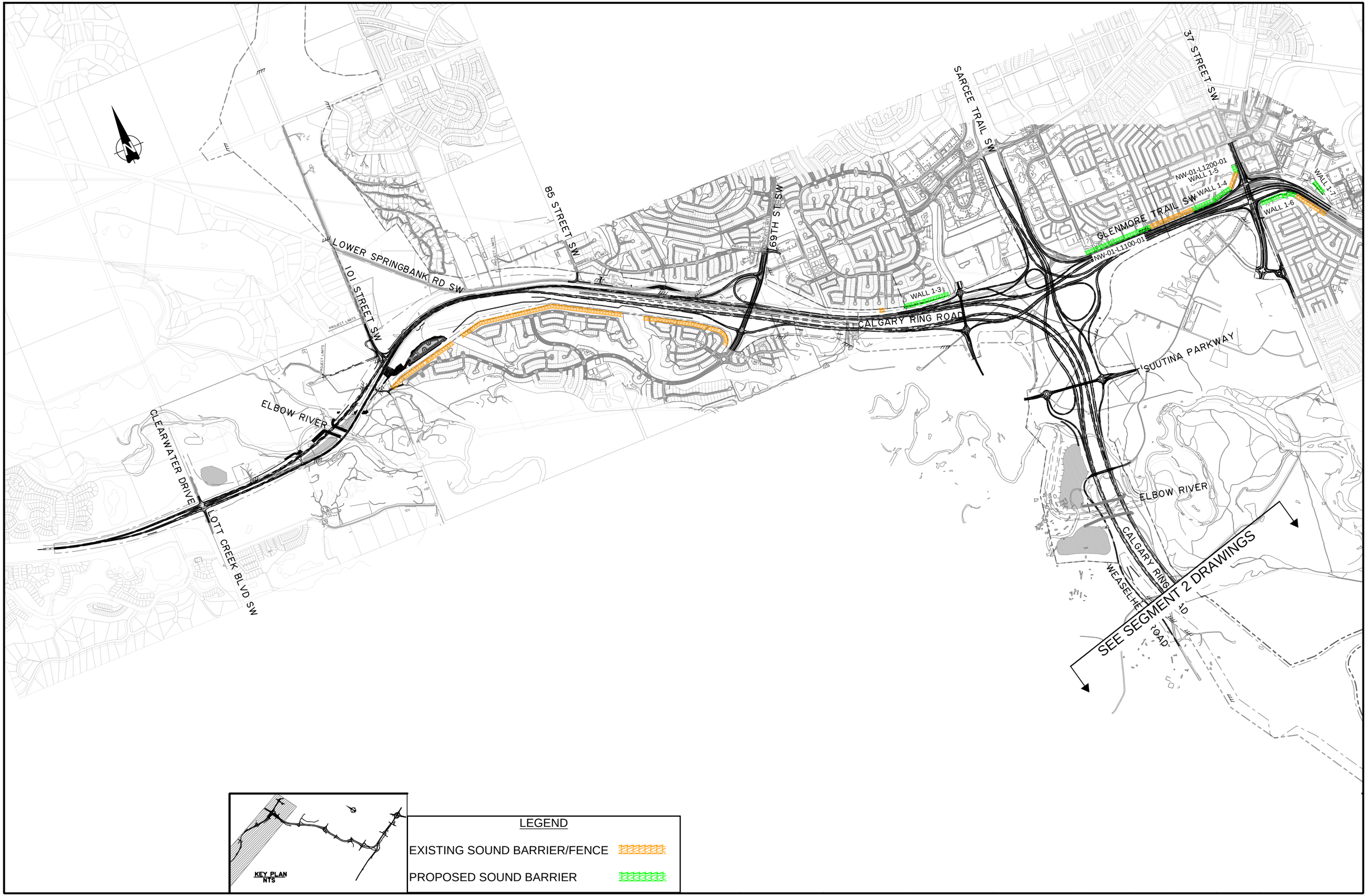
**Sound Levels**
Leq24

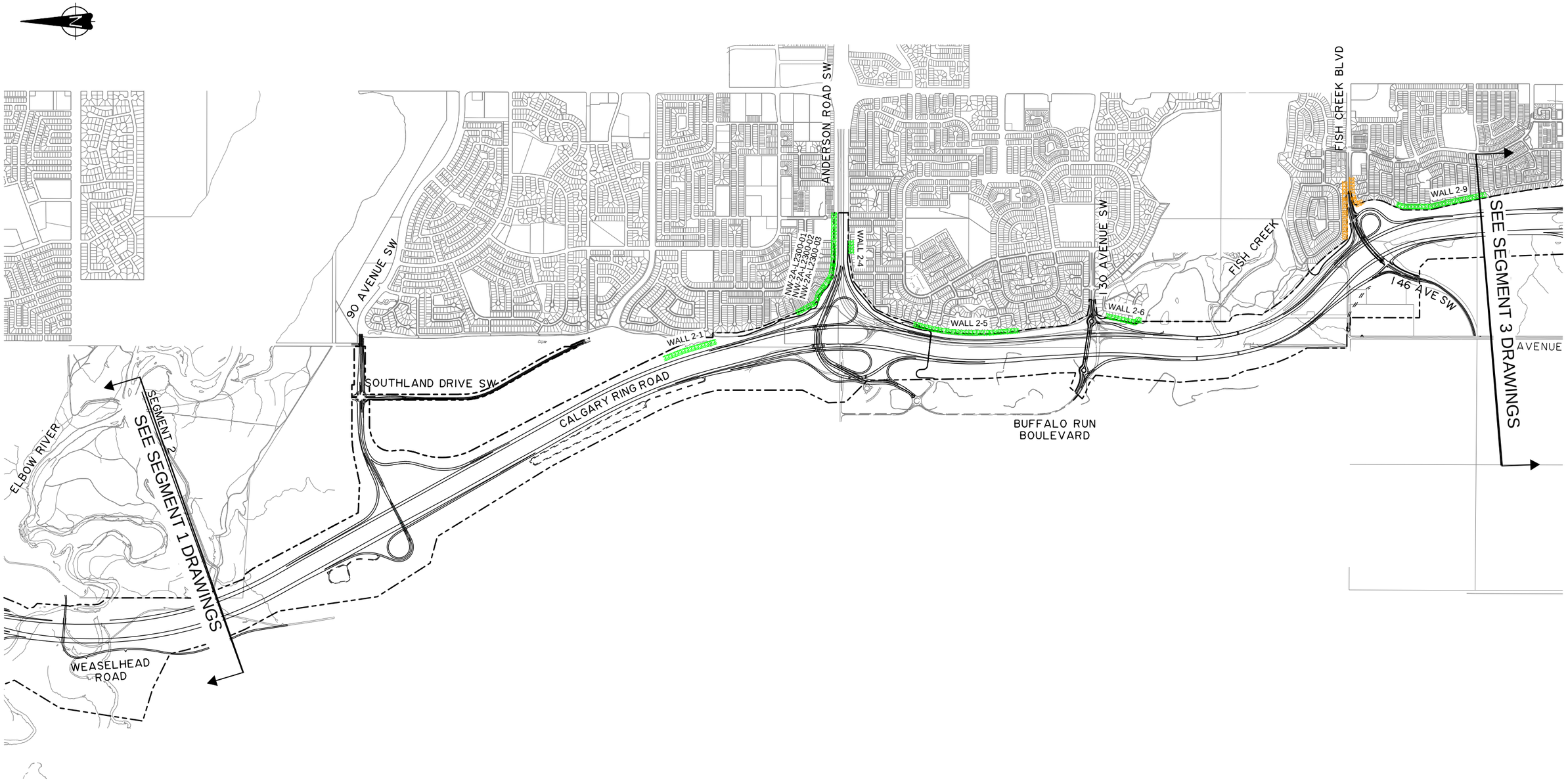
- < 45 dBA
- 45 - 50 dBA
- 50 - 55 dBA
- 55 - 60 dBA
- 60 - 65 dBA
- 65 - 70 dBA
- > 70 dBA

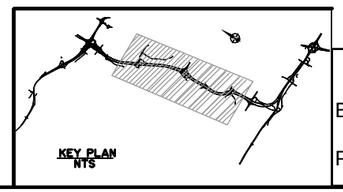
Receiver 2m Behind Property Line

- < 65 dBA
- > 65 dBA

BKL


LOWER SPRINGBANK RD SW
101 STREET SW
85 STREET SW
69TH ST SW
SARCEE TRAIL SW
37 STREET SW
CALGARY RING ROAD
GLENMORE TRAIL SW
SUUTINA PARKWAY
ELBOW RIVER
CLEARWATER DRIVE
LOTT CREEK BLVD SW
WEASELHEAD ROAD
WALL 1-3
NW-01-LL1200-01
WALL 1-5
WALL 1-4
NW-01-LL1100-01
WALL 1-7
WALL 1-6
SEE SEGMENT 2 DRAWINGS
KEY PLAN
NTS
LEGEND
EXISTING SOUND BARRIER/FENCE
PROPOSED SOUND BARRIER

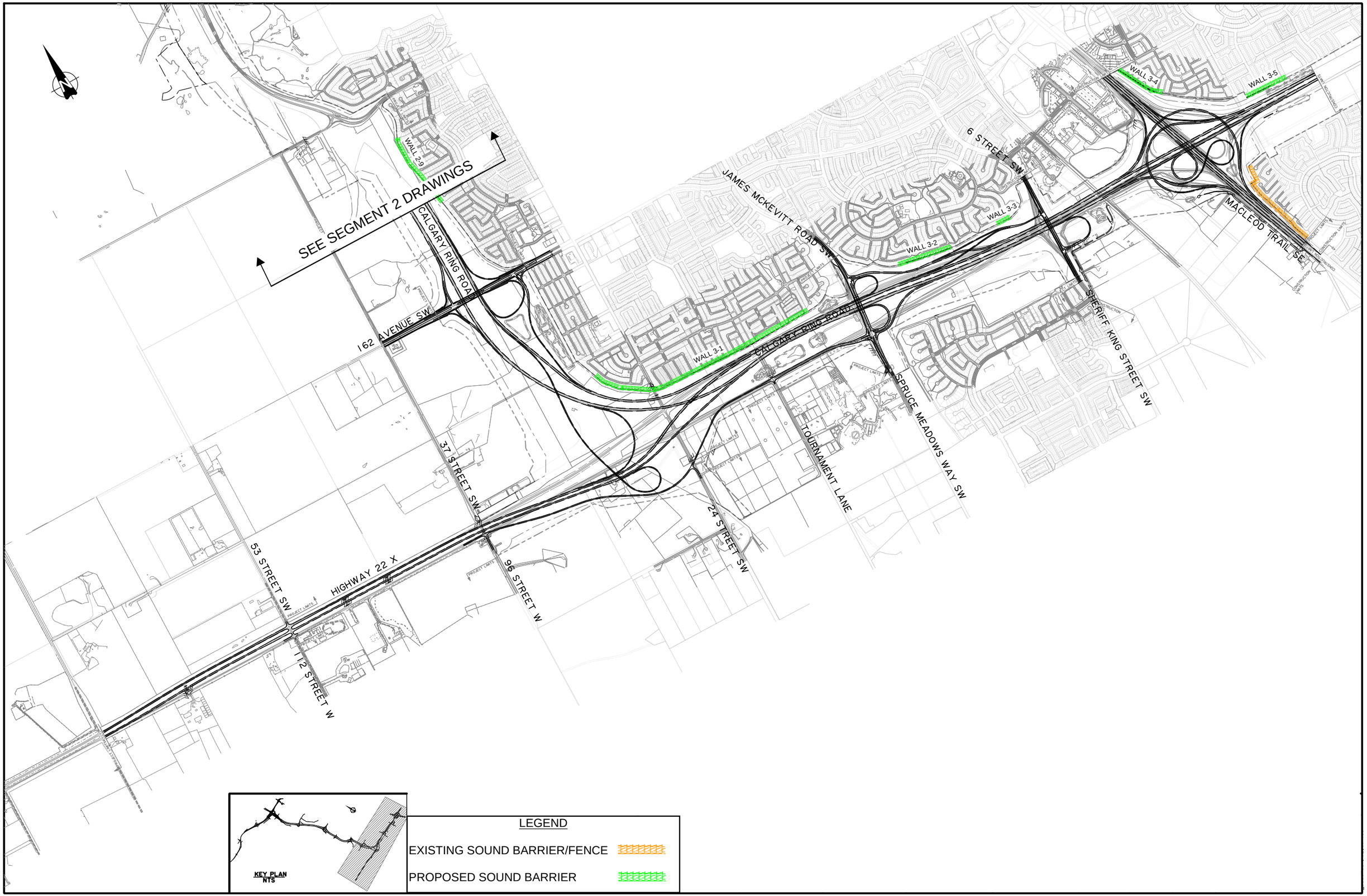



LEGEND

EXISTING SOUND BARRIER/FENCE

PROPOSED SOUND BARRIER


SEE SEGMENT 2 DRAWINGS
WALL 2-9
CALGARY RING ROAD
162 AVENUE SW
WALL 3-1
CAL GARY RING ROAD
JAMES MCKEVITT ROAD SW
WALL 3-2
WALL 3-3
6 STREET SW
WALL 3-4
WALL 3-5
MACLEOD TRAIL SE
SHERIFF KING STREET SW
SPRUCE MEADOWS WAY SW
TOURNAMENT LANE
24 STREET SW
37 STREET SW
53 STREET SW
HIGHWAY 22 X
96 STREET W
112 STREET W
PROJECT LIMITS
KEY PLAN
NTS
LEGEND
EXISTING SOUND BARRIER/FENCE
PROPOSED SOUND BARRIER

Title: SWCRR Corridor Wide Noise Wall Comparison
By: BKL Consultants Ltd.
Date: February 2018

| Wall # | Location | Option/Alignment | Mainline 8% trucks, side streets and ramps 5% trucks | | | | | | | | | General Wall comments | All roads 8.4% trucks | | | | | | | | | Wall comments based on truck % change | Bid Phase Estimate | | | Wall comments relating to bid phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 2025 | | | 2030 | | | 2050 | | | | 2025 | | | 2030 | | | 2050 | | | | 2050 | | | |
| | | | Length (m) | Height (m) | Area (m²) | Length (m) | Height (m) | Area (m²) | Length (m) | Height (m) | Area (m²) | | Length (m) | Height (m) | Area (m²) | Length (m) | Height (m) | Area (m²) | Length (m) | Height (m) | Area (m²) | | Length (m) | Height (m) | Area (m²) | |
| 1-3 | West of Westhills Way | TUC | 279 | 1.8 | 502 | 279 | 1.8 | 502 | 378 | 1.8 | 680 | Starts at Sienna 39 and continues east to Westhills Way in 2050. Starts at Sienna 50 in 2025/2030. | 279 | 1.8 | 502 | 330 | 1.8 | 594 | 378 | 1.8 | 680 | Increased length in 2030. | 285 | 1.8 | 513 | Bid assumes existing berm would not be impacted. |
| | | Top of Berm | 271 | 1.8 | 488 | 271 | 1.8 | 488 | 370 | 1.8 | 666 | | 271 | 1.8 | 488 | 321 | 1.8 | 578 | 370 | 1.8 | 666 | | | | | |
| NW-01-L1100-01 | 50th St to 45th St | TUC | 318 | 1.8 | 572 | 318 | 1.8 | 572 | 318 | 1.8 | 572 | Schedule 18 specified wall Change Order is for height variations (3.6m and 3.4m) within this wall (as per Parsons drawing 01_LD_140 dated May 19, 2017). | 318 | 1.8 | 572 | 318 | 1.8 | 572 | 318 | 1.8 | 572 | No change | 478 | 4 | 1912 | |
| | | | 95 | 3.6 | 342 | 95 | 3.6 | 342 | 95 | 3.6 | 342 | | 95 | 3.6 | 342 | 95 | 3.6 | 342 | 95 | 3.6 | 342 | | | | | |
| | | | 53 | 3.4 | 180 | 53 | 3.4 | 180 | 53 | 3.4 | 180 | | 53 | 3.4 | 180 | 53 | 3.4 | 180 | 53 | 3.4 | 180 | | | | | |
| | | | 59 | 1.8 | 106 | 59 | 1.8 | 106 | 59 | 1.8 | 106 | | 59 | 1.8 | 106 | 59 | 1.8 | 106 | 59 | 1.8 | 106 | | | | | |
| | | Subtotal TUC | 525 | - | 1201 | 525 | - | 1201 | 525 | - | 1201 | | 525 | - | 1201 | 525 | - | 1201 | 525 | - | 1201 | | | | | |
| 1-4 | 37th St on-ramp to Glenmore Trail | Fence Replacement | 220 | 3 | 660 | 220 | 3 | 660 | 220 | 3 | 660 | Replace existing wooden fence with solid noise barrier. Height of 3 m starts at existing noise wall along Glenmore Trail and follows existing fence alignment. | 220 | 3 | 660 | 220 | 3 | 660 | 220 | 3 | 660 | No change. | 158 | 1.8 | 284 | |
| | | Top of Berm | 153 | 1.8 | 275 | 153 | 1.8 | 275 | 153 | 2.5 | 383 | Alignment starts at existing noise wall along Glenmore Trail and follows ramp. | 153 | 1.8 | 275 | 153 | 1.8 | 275 | 153 | 2.5 | 383 | | | | | |
| NW-01-L1200-001 | 37th St north of Glenmore Trail. | TUC | 15 | 1.8 | 27 | 15 | 1.8 | 27 | 15 | 1.8 | 27 | Schedule 18 specifies that any fence removed shall be replaced (as per Parsons drawing 01_LD_140 dated May 19, 2017). | 15 | 1.8 | 27 | 15 | 1.8 | 27 | 15 | 1.8 | 27 | No change. | 0 | 0 | 0 | |
| 1-5 | 37th St Interchange | TUC | 56 | 1.8 | 101 | 56 | 1.8 | 101 | 56 | 1.8 | 101 | Extension of NW-01-L1200-01 to the north along the TUC boundary to cover residential property. | 56 | 1.8 | 101 | 56 | 1.8 | 101 | 69 | 1.8 | 124 | Extension toward the north in 2050. | 0 | 0 | 0 | |
| 1-6 | Lakeview residences | TUC | | | | | | | | | | Along northern extent of two multi-family residences adjacent to TUC boundary and connecting to existing wall to the east. | | | | 68 | 1.8 | 122 | 175 | 2.5 | 438 | Additional wall on the western edge of Lakeview residences by 2030. In 2050, wall extension would need to increase in height and extend outside TUC boundary. | | | | |
| | | | 146 | 2.5 | 365 | 146 | 2.5 | 365 | 146 | 2.5 | 365 | | 146 | 2.5 | 365 | 146 | 2.5 | 365 | 146 | 2.5 | 365 | | | | | |
| | | | 141 | 1.8 | 254 | 141 | 2.5 | 353 | 141 | 2.5 | 353 | | 141 | 1.8 | 254 | 141 | 2.5 | 353 | 141 | 2.5 | 353 | | | | | |
| | | Subtotal TUC | 287 | - | 619 | 287 | - | 718 | 287 | - | 718 | | 287 | - | 619 | 355 | - | 840 | 462 | - | 1155 | | | | | |
| | | Top of Berm | | | | | | | | | | Western edge of wall follows TUC boundary but moves toward top of berm next to Cut Line. | | | | 68 | 1.8 | 122 | 175 | 2.5 | 438 | Additional wall on the western edge of Lakeview residences by 2030. In 2050, wall extension would need to increase in height and extend outside TUC boundary. | 0 | 0 | 0 | Bid phase assumed raised on/off ramps to 37th St which ended up lower than expected. |
| | | | 218 | 1.8 | 392 | 218 | 1.8 | 392 | 218 | 2.5 | 545 | | 218 | 1.8 | 392 | 218 | 1.8 | 392 | 218 | 2.5 | 545 | | | | | |
| | | | 58 | 1.8 | 104 | 58 | 2.5 | 145 | 58 | 2.5 | 145 | | 58 | 1.8 | 104 | 58 | 2.5 | 145 | 58 | 2.5 | 145 | | | | | |
| | | Subtotal Top Berm | 276 | - | 497 | 276 | - | 537 | 276 | - | 690 | | 276 | - | 497 | 344 | - | 660 | 451 | - | 1128 | | | | | |
| 1-7 | Lincoln Park | TUC | 114 | 1.8 | 205 | 114 | 1.8 | 205 | 114 | 2.5 | 285 | TUC boundary is behind existing berm, may not be most efficient location, but proposed TUC alignment still meets noise reduction criteria. | 114 | 1.8 | 205 | 114 | 1.8 | 205 | 114 | 2.5 | 285 | No change. | 0 | 0 | 0 | Bid phase assumed raised on/off ramps to 37th St which ended up lower than expected. |
| | | Berm* | 115 | 2.5 | 0 | 115 | 3 | 0 | 115 | 3 | 0 | *Assume a 3 m tall earth berm can be constructed between the Cut/Fill line and TUC boundary instead of constructing a noise wall. | 115 | 2.5 | 0 | 115 | 3 | 0 | 115 | 3 | 0 | | 0 | 0 | 0 | |
| **Segment 1 Totals** | | **(minimum)** | **1411** | **-** | **2589** | **1411** | **-** | **2629** | **1510** | **-** | **3067** | | **1411** | **-** | **2589** | **1529** | **-** | **2842** | **1698** | **-** | **3528** | | **921** | **-** | **2709** | |
| | | **(maximum)** | **1496** | **-** | **3315** | **1496** | **-** | **3414** | **1595** | **-** | **3672** | | **1496** | **-** | **3315** | **1615** | **-** | **3628** | **1783** | **-** | **4132** | | | | | |

Title: SWCRR Corridor Wide Noise Wall Comparison
By: BKL Consultants Ltd.
Date: February 2018

| Wall # | Location | Option/Alignment | Mainline 8% trucks, side streets and ramps 5% trucks | | | | | | | | | General Wall comments | All roads 8.4% trucks | | | | | | | | | Wall comments based on truck % change | Bid Phase Estimate | | | Wall comments relating to bid phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 2025 | | | 2030 | | | 2050 | | | | 2025 | | | 2030 | | | 2050 | | | | 2050 | | | |
| | | | Length (m) | Height (m) | Area (m²) | Length (m) | Height (m) | Area (m²) | Length (m) | Height (m) | Area (m²) | | Length (m) | Height (m) | Area (m²) | Length (m) | Height (m) | Area (m²) | Length (m) | Height (m) | Area (m²) | | Length (m) | Height (m) | Area (m²) | |
| 2-1 | North of Anderson | Residential Property Line | 0 | 0 | 0 | 0 | 0 | 0 | 255 | 1.8 | 459 | From Cedarbrae 20, follow existing fenceline until pedestrian access south of Cedarille Cr. Note that it is most efficient to locate this wall outside the TUC boundary and along the property boundary. Following the TUC boundary will result in excessive wall heights of 5m and above. | 0 | 0 | 0 | 95 | 1.8 | 171 | 255 | 1.8 | 459 | Noise wall warranted in 2030. | 568 | 1.8 | 1022 | |
| | | Clear Zone (CZ) | 0 | 0 | 0 | 0 | 0 | 0 | 286 | 2.5 | 715 | Follow Clear Zone boundary south from Cedarbrae 20 | 0 | 0 | 0 | 95 | 2.5 | 238 | 286 | 2.5 | 715 | Noise wall warranted in 2030. | | | | |
| 2-3 | West of Cedardale Mews | TUC | | | | | | | | | | | | | | | | | 97 | 3.5 | 340 | From Cedardale Bay to Cedardale Rd. Allow 5.5 m gap for pedestrian access. | 0 | 0 | 0 | |
| | | | | | | | | | 156 | 2.5 | 390 | From Cedardale Rd to Cedardale Mews connecting to NW-2A-L2300-03 | 156 | 2.5 | 390 | 156 | 2.5 | 390 | 156 | 2.5 | 390 | From Cedardale Rd to Cedardale Mews in 2025, 2030, 2050. | 0 | 0 | 0 | |
| | | Subtotal TUC | 0 | 0 | 0 | 0 | 0 | 0 | 156 | - | 390 | | 156 | - | 390 | 156 | - | 390 | 253 | - | 730 | | 0 | 0 | 0 | |
| 2-4 | Anderson Rd South Side | TUC | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 1.8 | 85 | Starting from pedestrian overpass, extend west until change in slope for next berm. | 47 | 1.8 | 85 | 47 | 1.8 | 85 | 71 | 1.8 | 128 | Wall necessary by 2025. Wall would need to be extended to the west in 2050. | 0 | 0 | 0 | We assumed existing berm would not be impacted during bid phase. |
| | | Top of Berm | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 1.8 | 81 | Starting from pedestrian overpass, extend west until change in slope for next berm. | 45 | 1.8 | 81 | 45 | 1.8 | 81 | 70 | 1.8 | 126 | | | | | |
| 2-5 | Woodbine | Top of Berm | 200 | 1.8 | 360 | 343 | 1.8 | 617 | 668 | 1.8 | 1202 | Additional noise wall recommended on top of existing berm. | 200 | 1.8 | 360 | 343 | 1.8 | 617 | 668 | 1.8 | 1202 | No change. | 926 | 1.8 | 1667 | |
| 2-6 | South of 130 Ave | TUC | 101 | 1.8 | 182 | 121 | 1.8 | 218 | 140 | 1.8 | 252 | Start at Woodbine 96 for 2025,2030, and Woodbine 95 for 2050. Continue southbound along TUC until pedestrian walkway. | 121 | 1.8 | 218 | 121 | 1.8 | 218 | 140 | 1.8 | 252 | Increased length in 2025 | 90 | 1.8 | 162 | |
| | | | 5.5 | 1.8 | 10 | 5.5 | 1.8 | 10 | 5.5 | 1.8 | 10 | 5m offset from TUC to allow for pedestrian access | 5.5 | 1.8 | 10 | 5.5 | 1.8 | 10 | 5.5 | 1.8 | 10 | No change. | | | | |
| | | | 57 | 1.8 | 103 | 77 | 1.8 | 139 | 77 | 1.8 | 139 | Follow TUC boundary southbound until slope changes towards pond. | 57 | 1.8 | 103 | 77 | 1.8 | 139 | 77 | 1.8 | 139 | No change. | | | | |
| | | Subtotal TUC | 164 | - | 294 | 204 | - | 366 | 223 | - | 401 | | 184 | - | 330 | 204 | - | 366 | 223 | - | 401 | | | | | |
| 2-9 | Evergreen | TUC | 353 | 1.8 | 635 | 355 | 1.8 | 639 | 528 | 1.8 | 950 | Follow TUC boundary. | 353 | 1.8 | 635 | 401 | 1.8 | 722 | 528 | 1.8 | 950 | Increased length in 2030. | 868 | 1.8 | 1562 | |
| **Segment 2 Totals** | | **(minimum)** | **1134** | **-** | **2268** | **1319** | **-** | **2601** | **2292** | **-** | **4970** | | **1355** | **-** | **2894** | **1661** | **-** | **3512** | **2414** | **-** | **5354** | | **2452** | **-** | **4414** | |
| | | **(maximum)** | **1134** | **-** | **2268** | **1319** | **-** | **2601** | **2325** | **-** | **5229** | | **1357** | **-** | **2898** | **1663** | **-** | **3582** | **2446** | **-** | **5612** | | | | | |

Title: SWCRR Corridor Wide Noise Wall Comparison
By: BKL Consultants Ltd.
Date: February 2018

| Wall # | Location | Option/Alignment | Mainline 8% trucks, side streets and ramps 5% trucks | | | | | | | | | General Wall comments | All roads 8.4% trucks | | | | | | | | | Wall comments based on truck % change | Bid Phase Estimate | | | Wall comments relating to bid phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 2025 | | | 2030 | | | 2050 | | | | 2025 | | | 2030 | | | 2050 | | | | 2050 | | | |
| | | | Length (m) | Height (m) | Area (m²) | Length (m) | Height (m) | Area (m²) | Length (m) | Height (m) | Area (m²) | | Length (m) | Height (m) | Area (m²) | Length (m) | Height (m) | Area (m²) | Length (m) | Height (m) | Area (m²) | | Length (m) | Height (m) | Area (m²) | |
| 3-1 | Bridlewood | TUC | 174 | 1.8 | 313 | 316 | 1.8 | 569 | 316 | 1.8 | 569 | Along TUC boundary along southern and southwestern edge of Bridlewood community. In 2025, wall can be split into two separate segments, but will need to be combined by 2030. In 2050, height change to 3m in front of Bridlewood 82 due to change in slope. | 225 | 1.8 | 405 | 316 | 1.8 | 569 | 316 | 1.8 | 569 | Length extented in 2025. Height increased in 2050. | 1354 | 1.8 | 2437 | Mainline is closer to housing than bid phase design. |
| | | | | | | 119 | 1.8 | 214 | 119 | 3 | 357 | | | | | 119 | 1.8 | 214 | 119 | 3 | 357 | | | | | |
| | | | 950 | 1.8 | 1710 | 1203 | 1.8 | 2165 | 1313 | 1.8 | 2363 | | 950 | 1.8 | 1710 | 1203 | 1.8 | 2165 | 1313 | 1.8 | 2363 | | | | | |
| | | Subtotal TUC | 1124 | - | 2023 | 1638 | - | 2948 | 1748 | - | 3289 | | 1175 | - | 2115 | 1638 | - | 2948 | 1748 | - | 3289 | | | | | |
| 3-2 | Somerset West | TUC | 227 | 1.8 | 409 | 227 | 1.8 | 409 | 373 | 1.8 | 671 | Along TUC boundary between Somerset 49 and 67 in 2025 and 2030, but will need to extend to Somerset 41 by 2050. | 227 | 1.8 | 409 | 360 | 1.8 | 648 | 442 | 1.8 | 796 | Change in length in 2030 and 2050. | 1121 | 1.8 | 2018 | |
| 3-3 | Somerset East | TUC | 0 | 0 | 0 | 0 | 0 | 0 | 74 | 1.8 | 133 | Along TUC boundary between Somerset 94 and 100 for year 2050. | 47 | 1.8 | 85 | 47 | 1.8 | 85 | 118 | 1.8 | 212 | Change in length since 2025. | 0 | 0 | 0 | |
| 3-4 | Sundance West | TUC | 275 | 2.5 | 688 | 275 | 2.5 | 688 | 275 | 2.5 | 688 | Beginning at northern project limit, follow TUC southeast until Sundance 11 before reducing height | 275 | 3 | 825 | 275 | 3 | 825 | 275 | 3 | 825 | Increased wall height in northern segment. | 427 | 1.8 | 769 | |
| | | | 57 | 1.8 | 103 | 57 | 1.8 | 103 | 150 | 1.8 | 270 | Height reduction from Sundance 11. Wall extends until Sundance 14. | 57 | 1.8 | 103 | 57 | 1.8 | 103 | 150 | 1.8 | 270 | | | | | |
| | | Subtotal TUC | 332 | - | 790 | 332 | - | 790 | 425 | - | 958 | | 332 | - | 928 | 332 | - | 928 | 425 | - | 1095 | | | | | |
| 3-5 | Sundance South | TUC | 200 | 3 | 600 | 200 | 3 | 600 | 337 | 3.5 | 1180 | TUC boundary lies below existing berm between mainline and residence. | 200 | 3 | 600 | 200 | 3 | 600 | 337 | 3.5 | 1180 | No change. | 450 | 1.8 | 810 | |
| | | Top of Berm | 200 | 1.8 | 360 | 200 | 1.8 | 360 | 337 | 1.8 | 607 | Alignment on top of berm allows for reduction in overall wall height. | 200 | 1.8 | 360 | 200 | 1.8 | 360 | 337 | 1.8 | 607 | No change. | | | | |
| **Segment 3 Totals** | | **(minimum)** | **1883** | **-** | **3582** | **2397** | **-** | **4507** | **2957** | **-** | **5658** | | **1981** | **-** | **3896** | **2577** | **-** | **4969** | **3070** | **-** | **5999** | | **3352** | **-** | **6034** | |
| | | **(maximum)** | **1883** | **-** | **3822** | **2397** | **-** | **4747** | **2957** | **-** | **6231** | | **1981** | **-** | **4136** | **2577** | **-** | **5209** | **3070** | **-** | **6572** | | | | | |

SWCRR Segment 1 Noise Prediction Results
BKL Consultants Ltd.
September 21, 2017

| Colour Key |
|---|
| 64 < Leq24 ≤ 65 |
| Leq24 > 65 |

2050 Forecast Year

| Receiver | | Coordinates | | 2050 Traffic - Mainline Trucks 8%, Cross streets and ramps 5% | | | | | | 2050 Traffic - All Roads 8.4% | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | No Mitigation | | With Mitigation TUC alignment | | With Mitigation Top of Berm alignment | | No Mitigation | | With Mitigation TUC alignment | | With Mitigation Top of Berm alignment | |
| Name | Group | Easting | Northing | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance |
| | | (m) | (m) | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA |
| Discovery 001 | Rx01 | -16304.8 | 5653660.7 | 56.7 | | No mitigation required | | | | 56.8 | | No mitigation required | | | |
| Discovery 002 | Rx01 | -16291.5 | 5653663.7 | 56.9 | | | | | | 57.0 | | | | | |
| Discovery 003 | Rx01 | -16276.7 | 5653667 | 57.0 | | | | | | 57.1 | | | | | |
| Discovery 004 | Rx01 | -16265.3 | 5653669.6 | 56.8 | | | | | | 56.9 | | | | | |
| Discovery 005 | Rx01 | -16249.3 | 5653673.1 | 56.4 | | | | | | 56.5 | | | | | |
| Discovery 006 | Rx01 | -16235.8 | 5653676.1 | 56.1 | | | | | | 56.2 | | | | | |
| Discovery 007 | Rx01 | -16222.4 | 5653679.2 | 56.4 | | | | | | 56.4 | | | | | |
| Discovery 008 | Rx01 | -16208 | 5653682.4 | 56.3 | | | | | | 56.3 | | | | | |
| Discovery 009 | Rx01 | -16193.6 | 5653685.6 | 56.0 | | | | | | 56.0 | | | | | |
| Discovery 010 | Rx01 | -16181.3 | 5653688.3 | 55.9 | | | | | | 56.0 | | | | | |
| Discovery 011 | Rx01 | -16167.4 | 5653691.5 | 56.5 | | | | | | 56.6 | | | | | |
| Discovery 012 | Rx01 | -16154.2 | 5653694.4 | 55.9 | | | | | | 56.0 | | | | | |
| Discovery 013 | Rx01 | -16140.3 | 5653697.5 | 56.4 | | | | | | 56.5 | | | | | |
| Discovery 014 | Rx01 | -16127.1 | 5653700.5 | 56.3 | | | | | | 56.4 | | | | | |
| Discovery 015 | Rx01 | -16112.7 | 5653703.7 | 56.9 | | | | | | 56.9 | | | | | |
| Discovery 016 | Rx01 | -16097.3 | 5653707.1 | 56.3 | | | | | | 56.4 | | | | | |
| Discovery 017 | Rx01 | -16084.2 | 5653710.1 | 56.3 | | | | | | 56.4 | | | | | |
| Discovery 018 | Rx01 | -16066.6 | 5653714 | 56.6 | | | | | | 56.7 | | | | | |
| Discovery 019 | Rx01 | -16041.5 | 5653719.6 | 55.8 | | | | | | 55.8 | | | | | |
| Discovery 020 | Rx01 | -16011.5 | 5653726.3 | 56.4 | | | | | | 56.5 | | | | | |
| Discovery 021 | Rx01 | -15982.9 | 5653732.7 | 55.9 | | | | | | 56.0 | | | | | |
| Discovery 022 | Rx01 | -15954.1 | 5653739.1 | 55.5 | | | | | | 55.6 | | | | | |
| Discovery 023 | Rx01 | -15929.5 | 5653744.6 | 55.0 | | | | | | 55.1 | | | | | |
| Discovery 024 | Rx01 | -15901.4 | 5653750.9 | 53.0 | | | | | | 53.1 | | | | | |
| Discovery 025 | Rx01 | -15874.9 | 5653756.8 | 52.3 | | | | | | 52.4 | | | | | |
| Discovery 026 | Rx01 | -15761.9 | 5653782.1 | 48.1 | | | | | | 48.2 | | | | | |
| Discovery 027 | Rx01 | -15693.9 | 5653797.3 | 52.6 | | | | | | 52.7 | | | | | |
| Discovery 028 | Rx01 | -15679.5 | 5653800.5 | 54.7 | | | | | | 54.8 | | | | | |
| Discovery 029 | Rx01 | -15666.8 | 5653803.4 | 54.6 | | | | | | 54.7 | | | | | |
| Discovery 030 | Rx01 | -15650 | 5653807.1 | 55.1 | | | | | | 55.1 | | | | | |
| Discovery 031 | Rx01 | -15637.8 | 5653809.9 | 54.8 | | | | | | 54.9 | | | | | |
| Discovery 032 | Rx01 | -15618.1 | 5653814.3 | 53.8 | | | | | | 53.9 | | | | | |
| Discovery 033 | Rx01 | -15600 | 5653812.6 | 54.5 | | | | | | 54.6 | | | | | |
| Discovery 034 | Rx01 | -15586.1 | 5653810.3 | 55.3 | | | | | | 55.4 | | | | | |
| Discovery 035 | Rx01 | -15571.7 | 5653808 | 55.8 | | | | | | 55.9 | | | | | |
| Discovery 036 | Rx01 | -15556.8 | 5653805.7 | 56.3 | | | | | | 56.4 | | | | | |
| Discovery 037 | Rx01 | -15542.7 | 5653803.4 | 56.9 | | | | | | 57.0 | | | | | |
| Discovery 038 | Rx01 | -15527 | 5653800.9 | 57.4 | | | | | | 57.5 | | | | | |
| Discovery 039 | Rx01 | -15515.3 | 5653799 | 57.5 | | | | | | 57.6 | | | | | |
| Discovery 040 | Rx01 | -15501.5 | 5653796.8 | 57.5 | | | | | | 57.6 | | | | | |
| Discovery 041 | Rx01 | -15487.3 | 5653794.6 | 57.5 | | | | | | 57.6 | | | | | |
| Discovery 042 | Rx01 | -15473.5 | 5653792.4 | 57.6 | | | | | | 57.7 | | | | | |
| Discovery 043 | Rx01 | -15459.7 | 5653790.2 | 57.0 | | | | | | 57.1 | | | | | |
| Discovery 044 | Rx01 | -15446.9 | 5653788.1 | 57.2 | | | | | | 57.3 | | | | | |
| Discovery 045 | Rx01 | -15433.6 | 5653786 | 57.3 | | | | | | 57.4 | | | | | |
| Discovery 046 | Rx01 | -15419.2 | 5653783.7 | 57.1 | | | | | | 57.2 | | | | | |
| Discovery 047 | Rx01 | -15404.5 | 5653781.4 | 56.6 | | | | | | 56.7 | | | | | |
| Discovery 048 | Rx01 | -15389.7 | 5653779 | 55.7 | | | | | | 55.8 | | | | | |
| Discovery 049 | Rx01 | -15375.5 | 5653776.7 | 54.8 | | | | | | 54.9 | | | | | |
| Discovery 050 | Rx01 | -15365.6 | 5653775.1 | 55.5 | | | | | | 55.5 | | | | | |
| Discovery 051 | Rx01 | -15345 | 5653771.9 | 57.4 | | | | | | 57.5 | | | | | |
| Discovery 052 | Rx01 | -15334.4 | 5653770.2 | 57.7 | | | | | | 57.8 | | | | | |
| Discovery 053 | Rx01 | -15320.8 | 5653768 | 57.4 | | | | | | 57.5 | | | | | |
| Discovery 054 | Rx01 | -15308.9 | 5653766.1 | 56.9 | | | | | | 57.0 | | | | | |
| Discovery 055 | Rx01 | -15292.1 | 5653763.4 | 54.4 | | | | | | 54.5 | | | | | |
| Discovery 056 | Rx01 | -15277.9 | 5653761.1 | 54.0 | | | | | | 54.1 | | | | | |
| Discovery 057 | Rx01 | -15265.2 | 5653759.1 | 54.2 | | | | | | 54.3 | | | | | |
| Discovery 058 | Rx01 | -15246.6 | 5653756.1 | 53.7 | | | | | | 53.8 | | | | | |
| Discovery 059 | Rx01 | -15234.8 | 5653754.3 | 54.0 | | | | | | 54.0 | | | | | |
| Discovery 060 | Rx01 | -15221.9 | 5653752.2 | 54.1 | | | | | | 54.2 | | | | | |
| Discovery 061 | Rx01 | -15209.2 | 5653750.2 | 54.4 | | | | | | 54.4 | | | | | |
| Discovery 062 | Rx01 | -15196 | 5653748.1 | 54.7 | | | | | | 54.8 | | | | | |
| Discovery 063 | Rx01 | -15179 | 5653745.3 | 54.7 | | | | | | 54.7 | | | | | |
| Discovery 064 | Rx01 | -15167.4 | 5653743.5 | 54.6 | | | | | | 54.7 | | | | | |
| Discovery 065 | Rx01 | -15151.9 | 5653741 | 53.3 | | | | | | 53.4 | | | | | |
| Discovery 066 | Rx01 | -15138.2 | 5653738.8 | 53.3 | | | | | | 53.4 | | | | | |
| Discovery 067 | Rx01 | -15121.3 | 5653736.1 | 53.2 | | | | | | 53.3 | | | | | |
| Discovery 068 | Rx01 | -15109.8 | 5653734.3 | 53.0 | | | | | | 53.1 | | | | | |
| Discovery 069 | Rx01 | -15094.6 | 5653731.9 | 52.8 | | | | | | 52.9 | | | | | |
| Discovery 070 | Rx01 | -15078.8 | 5653729.3 | 52.9 | | | | | | 53.0 | | | | | |
| Discovery 071 | Rx01 | -15064 | 5653724.5 | 52.9 | | | | | | 53.0 | | | | | |
| Discovery 072 | Rx01 | -15052.7 | 5653718.5 | 53.1 | | | | | | 53.2 | | | | | |
| Discovery 073 | Rx01 | -15039.2 | 5653711 | 53.4 | | | | | | 53.5 | | | | | |
| Discovery 074 | Rx01 | -15024.9 | 5653702.9 | 52.9 | | | | | | 53.0 | | | | | |
| Discovery 075 | Rx01 | -15011.6 | 5653695.3 | 52.9 | | | | | | 53.0 | | | | | |
| Discovery 076 | Rx01 | -15000.2 | 5653688.8 | 52.7 | | | | | | 52.8 | | | | | |
| Discovery 077 | Rx01 | -14986.1 | 5653680.7 | 52.8 | | | | | | 52.9 | | | | | |
| Discovery 078 | Rx01 | -14973.6 | 5653673.6 | 53.2 | | | | | | 53.3 | | | | | |
| Discovery 079 | Rx01 | -14961.7 | 5653666.8 | 53.1 | | | | | | 53.2 | | | | | |
| Discovery 080 | Rx01 | -14951.3 | 5653660.8 | 53.1 | | | | | | 53.2 | | | | | |
| Discovery 081 | Rx01 | -14938.9 | 5653653.8 | 53.4 | | | | | | 53.5 | | | | | |
| Discovery 082 | Rx01 | -14925.1 | 5653645.9 | 53.4 | | | | | | 53.5 | | | | | |
| Discovery 083 | Rx01 | -14916.2 | 5653640.8 | 53.2 | | | | | | 53.3 | | | | | |
| Discovery 084 | Rx01 | -14905.5 | 5653634.7 | 53.0 | | | | | | 53.1 | | | | | |
| Discovery 085 | Rx01 | -14892.4 | 5653627.2 | 52.7 | | | | | | 52.8 | | | | | |
| Discovery 086 | Rx01 | -14879.1 | 5653619.7 | 53.3 | | | | | | 53.4 | | | | | |
| Discovery 087 | Rx01 | -14869.3 | 5653614.1 | 53.6 | | | | | | 53.7 | | | | | |
| Discovery 088 | Rx01 | -14856.2 | 5653606.6 | 53.9 | | | | | | 54.0 | | | | | |
| Discovery 089 | Rx01 | -14845.1 | 5653600.2 | 53.9 | | | | | | 53.9 | | | | | |
| Discovery 090 | Rx01 | -14829.8 | 5653591.5 | 55.0 | | | | | | 55.1 | | | | | |
| Discovery 091 | Rx01 | -14818.5 | 5653585.1 | 55.2 | | | | | | 55.3 | | | | | |
| Discovery 092 | Rx01 | -14807.2 | 5653578.6 | 55.3 | | | | | | 55.4 | | | | | |
| Discovery 093 | Rx01 | -14794.8 | 5653571.5 | 55.6 | | | | | | 55.7 | | | | | |
| Discovery 094 | Rx01 | -14784.1 | 5653565.4 | 56.1 | | | | | | 56.2 | | | | | |
| Discovery 095 | Rx01 | -14770.7 | 5653557.8 | 56.6 | | | | | | 56.7 | | | | | |
| Discovery 096 | Rx01 | -14757.3 | 5653550.1 | 56.8 | | | | | | 56.9 | | | | | |
| Discovery 097 | Rx01 | -14745.9 | 5653543.6 | 57.5 | | | | | | 57.6 | | | | | |
| Discovery 098 | Rx01 | -14733.6 | 5653536.6 | 58.1 | | | | | | 58.2 | | | | | |
| Discovery 099 | Rx01 | -14719.6 | 5653528.6 | 56.4 | | | | | | 56.5 | | | | | |
| Discovery 100 | Rx01 | -14706.6 | 5653521.2 | 57.4 | | | | | | 57.5 | | | | | |
| Discovery 101 | Rx01 | -14694 | 5653514 | 57.8 | | | | | | 57.9 | | | | | |
| Discovery 102 | Rx01 | -14681.6 | 5653506.9 | 57.8 | | | | | | 57.9 | | | | | |
| Discovery 103 | Rx01 | -14668.9 | 5653499.7 | 56.5 | | | | | | 56.5 | | | | | |
| Discovery 104 | Rx01 | -14658.4 | 5653493.7 | 56.3 | | | | | | 56.4 | | | | | |
| Discovery 105 | Rx01 | -14641.7 | 5653484.1 | 55.9 | | | | | | 56.0 | | | | | |
| Discovery 106 | Rx01 | -14621.5 | 5653472.6 | 56.6 | | | | | | 56.7 | | | | | |
| Discovery 107 | Rx01 | -14603.8 | 5653462.5 | 56.7 | | | | | | 56.8 | | | | | |
| Discovery 108 | Rx01 | -14434.4 | 5653365.9 | 58.2 | | | | | | 58.3 | | | | | |
| Discovery 109 | Rx01 | -14418.3 | 5653356.6 | 58.6 | | | | | | 58.7 | | | | | |
| Discovery 110 | Rx01 | -14383 | 5653336.5 | 61.3 | | | | | | 61.4 | | | | | |

SWCRR Segment 1 Noise Prediction Results
BKL Consultants Ltd.
September 21, 2017

Colour Key
64 < Leq24 ≤ 65
Leq24 > 65

2050 Forecast Year

| Receiver | | Coordinates | | 2050 Traffic - Mainline Trucks 8%, Cross streets and ramps 5% | | | | | | 2050 Traffic - All Roads 8.4% | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | No Mitigation | | With Mitigation TUC alignment | | With Mitigation Top of Berm alignment | | No Mitigation | | With Mitigation TUC alignment | | With Mitigation Top of Berm alignment | |
| Name | Group | Easting | Northing | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance |
| | | (m) | (m) | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA |
| Discovery 111 | Rx01 | -14362.3 | 5653324.7 | 61.7 | | | | | | 61.8 | | | | | |
| Discovery 112 | Rx01 | -14341.8 | 5653313 | 61.9 | | | | | | 62.0 | | | | | |
| Discovery 113 | Rx01 | -14321.3 | 5653301.3 | 62.3 | | | | | | 62.4 | | | | | |
| Discovery 114 | Rx01 | -14300.4 | 5653289.4 | 62.9 | | | | | | 63.0 | | | | | |
| Discovery 115 | Rx01 | -14281.4 | 5653278.5 | 62.5 | | | | | | 62.6 | | | | | |
| Discovery 116 | Rx01 | -14259 | 5653265.7 | 61.7 | | | | | | 61.8 | | | | | |
| Discovery 117 | Rx01 | -14238.2 | 5653253.9 | 61.2 | | | | | | 61.3 | | | | | |
| Discovery 118 | Rx01 | -14226.9 | 5653247.4 | 61.4 | | | | | | 61.5 | | | | | |
| Discovery 119 | Rx01 | -14215.3 | 5653240.8 | 61.5 | | | | | | 61.6 | | | | | |
| Discovery 120 | Rx01 | -14203.2 | 5653233.9 | 61.6 | | | | | | 61.7 | | | | | |
| Discovery 121 | Rx01 | -14191.6 | 5653227.2 | 61.7 | | | | | | 61.8 | | | | | |
| Discovery 122 | Rx01 | -14181.2 | 5653221.3 | 62.2 | | | | | | 62.3 | | | | | |
| Discovery 123 | Rx01 | -14168.3 | 5653214 | 61.7 | | | | | | 61.8 | | | | | |
| Discovery 124 | Rx01 | -14156.2 | 5653207 | 61.4 | | | | | | 61.5 | | | | | |
| Discovery 125 | Rx01 | -14142 | 5653198.1 | 61.1 | | | | | | 61.2 | | | | | |
| Discovery 126 | Rx01 | -14131.4 | 5653191 | 62.4 | | | | | | 62.5 | | | | | |
| Discovery 127 | Rx01 | -14119.6 | 5653182.4 | 62.2 | | | | | | 62.3 | | | | | |
| Discovery 128 | Rx01 | -14107.1 | 5653173.5 | 62.0 | | | | | | 62.1 | | | | | |
| Discovery 129 | Rx01 | -14096.6 | 5653165.9 | 60.9 | | | | | | 61.1 | | | | | |
| Discovery 130 | Rx01 | -14083.9 | 5653156.7 | 61.2 | | | | | | 61.3 | | | | | |
| Discovery 131 | Rx01 | -14069.4 | 5653146.3 | 61.4 | | | | | | 61.6 | | | | | |
| Discovery 132 | Rx01 | -14054.4 | 5653135.5 | 60.9 | | | | | | 61.0 | | | | | |
| Discovery 133 | Rx01 | -14023.7 | 5653113.5 | 59.1 | | | | | | 59.3 | | | | | |
| Discovery 134 | Rx01 | -14007.9 | 5653102.1 | 60.7 | | | | | | 60.9 | | | | | |
| Discovery 135 | Rx01 | -13995.2 | 5653093 | 61.4 | | | | | | 61.6 | | | | | |
| Discovery 136 | Rx01 | -13983.1 | 5653083.7 | 61.0 | | | | | | 61.2 | | | | | |
| Discovery 137 | Rx01 | -13973.1 | 5653073.9 | 60.4 | | | | | | 60.6 | | | | | |
| Discovery 138 | Rx01 | -13961.5 | 5653057.7 | 61.1 | | | | | | 61.3 | | | | | |
| Discovery 139 | Rx01 | -13955.8 | 5653045.5 | 61.7 | | | | | | 62.0 | | | | | |
| Discovery 140 | Rx01 | -13950.3 | 5653026.8 | 60.6 | | | | | | 60.9 | | | | | |
| Discovery 141 | Rx01 | -13948.8 | 5653012.2 | 60.2 | | | | | | 60.5 | | | | | |
| Discovery 142 | Rx01 | -13950 | 5652994 | 60.6 | | | | | | 60.9 | | | | | |
| Discovery 143 | Rx01 | -13954.1 | 5652977.6 | 60.0 | | | | | | 60.4 | | | | | |
| Discovery 144 | Rx01 | -13963.4 | 5652957.9 | 59.6 | | | | | | 60.1 | | | | | |
| Discovery 145 | Rx01 | -13970.7 | 5652947.6 | 58.6 | | | | | | 59.2 | | | | | |
| Discovery 146 | Rx01 | -13982.8 | 5652935.1 | 58.7 | | | | | | 59.3 | | | | | |
| Discovery 147 | Rx01 | -13925.8 | 5652869 | 59.3 | | | | | | 59.7 | | | | | |
| Discovery 148 | Rx01 | -13900.2 | 5652856.3 | 56.9 | | | | | | 57.4 | | | | | |
| Discovery 149 | Rx01 | -13851 | 5652871.1 | 58.0 | | | | | | 58.4 | | | | | |
| Discovery 150 | Rx01 | -13824.6 | 5652878.7 | 58.0 | | | | | | 58.5 | | | | | |
| Discovery 151 | Rx01 | -13767.2 | 5652888.6 | 62.2 | | | | | | 62.6 | | | | | |
| Discovery 152 | Rx01 | -13735.2 | 5652890.4 | 63.7 | | | | | | 64.0 | | | | | |
| Discovery 153 | Rx01 | -13703.4 | 5652889.7 | 63.6 | | | | | | 63.9 | | | | | |
| Discovery 154 | Rx01 | -13646.7 | 5652882.1 | 64.5 | | | | | | 64.8 | | | | | |
| Discovery 155 | Rx01 | -13619.7 | 5652875.4 | 65.3 | 0.3 | 59.1 | | | | 65.5 | 0.5 | 59.4 | | | |
| Springbank 01 | Rx02 | -14779.7 | 5653887.4 | 58.7 | | | | | | 58.8 | | | | | |
| Springbank 02 | Rx02 | -14745.4 | 5653853.1 | 59.9 | | | | | | 60.0 | | | | | |
| Springbank 03 | Rx02 | -14676.6 | 5653886 | 56.5 | | | | | | 56.6 | | | | | |
| Springbank 04 | Rx02 | -14666.5 | 5653869.9 | 57.0 | | | | | | 57.1 | | | | | |
| Springbank 05 | Rx02 | -14651.8 | 5653847.2 | 58.4 | | | | | | 58.4 | | | | | |
| Springbank 06 | Rx02 | -14626.8 | 5653807.9 | 60.4 | | | | | | 60.5 | | | | | |
| Springbank 07 | Rx02 | -14612 | 5653778.7 | 60.2 | | | | | | 60.3 | | | | | |
| Springbank 08 | Rx02 | -14495.9 | 5653712.7 | 63.0 | | | | | | 63.0 | | | | | |
| Springbank 09 | Rx02 | -14487 | 5653707.7 | 63.0 | | | | | | 63.1 | | | | | |
| Springbank 10 | Rx02 | -14477.4 | 5653702.3 | 62.7 | | | | | | 62.8 | | | | | |
| Springbank 11 | Rx02 | -14466.8 | 5653696.4 | 62.4 | | | | | | 62.4 | | | | | |
| Springbank 12 | Rx02 | -14457.3 | 5653691.1 | 61.9 | | | | | | 62.0 | | | | | |
| Springbank 13 | Rx02 | -14447.3 | 5653685.5 | 61.7 | | | | | | 61.8 | | | | | |
| Springbank 14 | Rx02 | -14437.6 | 5653680.1 | 61.7 | | | | | | 61.8 | | | | | |
| Springbank 15 | Rx02 | -14427.4 | 5653674.4 | 61.7 | | | | | | 61.8 | | | | | |
| Springbank 16 | Rx02 | -14417.4 | 5653668.9 | 61.6 | | | | | | 61.6 | | | | | |
| Springbank 17 | Rx02 | -14407.2 | 5653663.2 | 61.6 | | | | | | 61.7 | | | | | |
| Springbank 18 | Rx02 | -14396.5 | 5653657.2 | 61.8 | | | | | | 61.9 | | | | | |
| Springbank 19 | Rx02 | -14386.8 | 5653651.8 | 62.0 | | | | | | 62.1 | | | | | |
| Springbank 20 | Rx02 | -14376.4 | 5653646 | 61.4 | | | | | | 61.5 | | | | | |
| Springbank 21 | Rx02 | -14366.6 | 5653640.5 | 61.0 | | | | | | 61.1 | | | | | |
| Springbank 22 | Rx02 | -14358.6 | 5653636 | 60.8 | | | | | | 60.9 | | | | | |
| Springbank 23 | Rx02 | -14345.4 | 5653628.7 | 61.2 | | | | | | 61.2 | | | | | |
| Springbank 24 | Rx02 | -14328.7 | 5653619.4 | 62.4 | | | | | | 62.4 | | | | | |
| Springbank 25 | Rx02 | -14317 | 5653612.9 | 62.1 | | | | | | 62.2 | | | | | |
| Springbank 26 | Rx02 | -14300.9 | 5653603.9 | 62.7 | | | | | | 62.8 | | | | | |
| Springbank 27 | Rx02 | -14286.6 | 5653595.9 | 62.6 | | | | | | 62.7 | | | | | |
| Springbank 28 | Rx02 | -14272.5 | 5653588.1 | 62.2 | | | | | | 62.3 | | | | | |
| Springbank 29 | Rx02 | -14252 | 5653576.7 | 62.9 | | | | | | 63.0 | | | | | |
| Springbank 30 | Rx02 | -14234.2 | 5653566.8 | 63.9 | | | | | | 64.0 | | | | | |
| Springbank 31 | Rx02 | -14205.3 | 5653552 | 63.2 | | | | | | 63.3 | | | | | |
| Springbank 32 | Rx02 | -14189.2 | 5653543.7 | 63.3 | | | | | | 63.4 | | | | | |
| Springbank 33 | Rx02 | -14162 | 5653529.8 | 63.9 | | | | | | 64.0 | | | | | |
| Springbank 34 | Rx02 | -14150 | 5653523.6 | 63.9 | | | | | | 64.0 | | | | | |
| Springbank 35 | Rx02 | -14131.8 | 5653514.3 | 62.0 | | | | | | 62.1 | | | | | |
| Springbank 36 | Rx02 | -14110.4 | 5653503.3 | 60.6 | | | | | | 60.7 | | | | | |
| Springbank 37 | Rx02 | -14084.5 | 5653490 | 62.9 | | | | | | 63.0 | | | | | |
| Springbank 38 | Rx02 | -14073.5 | 5653484.4 | 63.0 | | | | | | 63.1 | | | | | |
| Springbank 39 | Rx02 | -14062.7 | 5653478.8 | 62.9 | | | | | | 63.0 | | | | | |
| Springbank 40 | Rx02 | -14053.5 | 5653474.1 | 62.9 | | | | | | 63.0 | | | | | |
| Springbank 41 | Rx02 | -14044.1 | 5653469.3 | 63.2 | | | | | | 63.4 | | | | | |
| Springbank 42 | Rx02 | -14033.6 | 5653463.9 | 62.5 | | | | | | 62.7 | | | | | |
| Springbank 43 | Rx02 | -14024.9 | 5653459.5 | 62.6 | | | | | | 62.7 | | | | | |
| Springbank 44 | Rx02 | -14010.9 | 5653452.3 | 62.8 | | | | | | 62.9 | | | | | |
| Springbank 45 | Rx02 | -14000.3 | 5653446.9 | 63.0 | | | | | | 63.2 | | | | | |
| Springbank 46 | Rx02 | -13978 | 5653435.4 | 61.5 | | | | | | 61.7 | | | | | |
| Springbank 47 | Rx02 | -13965.4 | 5653429 | 61.5 | | | | | | 61.6 | | | | | |
| Springbank 48 | Rx02 | -13950.6 | 5653421.4 | 61.9 | | | | | | 62.1 | | | | | |
| Springbank 49 | Rx02 | -13920.2 | 5653413.9 | 63.2 | | | | | | 63.4 | | | | | |
| Springbank 50 | Rx02 | -13902.8 | 5653413.9 | 63.3 | | | | | | 63.5 | | | | | |
| Springbank 51 | Rx02 | -13892.7 | 5653413.9 | 63.1 | | | | | | 63.3 | | | | | |
| Springbank 52 | Rx02 | -13880.2 | 5653413.8 | 63.4 | | | | | | 63.6 | | | | | |
| Springbank 53 | Rx02 | -13870.5 | 5653413.8 | 63.7 | | | | | | 63.9 | | | | | |
| Springbank 54 | Rx02 | -13859.2 | 5653413.8 | 63.9 | | | | | | 64.1 | | | | | |
| Springbank 55 | Rx02 | -13847.9 | 5653413.8 | 63.7 | | | | | | 64.0 | | | | | |
| Springbank 56 | Rx02 | -13839 | 5653413.8 | 63.8 | | | | | | 64.0 | | | | | |
| Springbank 57 | Rx02 | -13826.8 | 5653413.7 | 63.5 | | | | | | 63.8 | | | | | |
| Springbank 58 | Rx02 | -13816.3 | 5653413.7 | 63.9 | | | | | | 64.1 | | | | | |
| Springbank 59 | Rx02 | -13804.8 | 5653413.7 | 63.6 | | | | | | 63.9 | | | | | |
| Springbank 60 | Rx02 | -13794.2 | 5653413.7 | 63.4 | | | | | | 63.7 | | | | | |
| Springbank 61 | Rx02 | -13782 | 5653413.6 | 63.5 | | | | | | 63.8 | | | | | |
| Springbank 62 | Rx02 | -13771.2 | 5653413.6 | 63.5 | | | | | | 63.9 | | | | | |
| Springbank 63 | Rx02 | -13760.8 | 5653413.6 | 63.6 | | | | | | 64.0 | | | | | |
| Springbank 64 | Rx02 | -13749.4 | 5653413.6 | 63.3 | | | | | | 63.8 | | | | | |

SWCRR Segment 1 Noise Prediction Results
BKL Consultants Ltd.
September 21, 2017

Colour Key
64 < Leq24 ≤ 65
Leq24 > 65

2050 Forecast Year

| Receiver | | Coordinates | | 2050 Traffic - Mainline Trucks 8%, Cross streets and ramps 5% | | | | | | 2050 Traffic - All Roads 8.4% | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | No Mitigation | | With Mitigation TUC alignment | | With Mitigation Top of Berm alignment | | No Mitigation | | With Mitigation TUC alignment | | With Mitigation Top of Berm alignment | |
| Name | Group | Easting | Northing | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance |
| | | (m) | (m) | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA |
| Springbank 65 | Rx02 | -13737.9 | 5653413.5 | 63.8 | | | | | | 64.3 | | | | | |
| Springbank 66 | Rx02 | -13727.8 | 5653413.5 | 63.9 | | | | | | 64.4 | | | | | |
| Springbank 67 | Rx02 | -13701.9 | 5653413.5 | 63.0 | | | | | | 63.6 | | | | | |
| Springbank 68 | Rx02 | -13626.3 | 5653413.4 | 63.3 | | | | | | 64.0 | | | | | |
| Springbank 69 | Rx02 | -13562.8 | 5653413.2 | 63.6 | | | | | | 64.2 | | | | | |
| Springbank 70 | Rx02 | -13533.5 | 5653427.6 | 63.2 | | | | | | 63.9 | | | | | |
| Springbank 71 | Rx02 | -13522.3 | 5653444.3 | 62.3 | | | | | | 63.0 | | | | | |
| Springbank 72 | Rx02 | -13511.7 | 5653460.1 | 61.3 | | | | | | 62.1 | | | | | |
| Springbank 73 | Rx02 | -13499.9 | 5653477.6 | 61.5 | | | | | | 62.2 | | | | | |
| Sienna 01 | Rx03 | -13425.5 | 5653196.7 | 64.3 | | | | | | 64.5 | | | | | |
| Sienna 02 | Rx03 | -13393 | 5653160.5 | 61.2 | | | | | | 61.4 | | | | | |
| Sienna 03 | Rx03 | -13377.7 | 5653143.3 | 62.9 | | | | | | 63.1 | | | | | |
| Sienna 04 | Rx03 | -13361.9 | 5653125.7 | 62.7 | | | | | | 62.9 | | | | | |
| Sienna 05 | Rx03 | -13345.3 | 5653107.1 | 62.9 | | | | | | 63.1 | | | | | |
| Sienna 06 | Rx03 | -13319.8 | 5653078.7 | 62.1 | | | | | | 62.4 | | | | | |
| Sienna 07 | Rx03 | -13304.4 | 5653061.4 | 62.7 | | | | | | 62.9 | | | | | |
| Sienna 08 | Rx03 | -13288.9 | 5653044.1 | 63.3 | | | | | | 63.4 | | | | | |
| Sienna 09 | Rx03 | -13274.3 | 5653027.8 | 63.9 | | | | | | 64.1 | | | | | |
| Sienna 10 | Rx03 | -13249 | 5652999.5 | 64.0 | | | | | | 64.2 | | | | | |
| Sienna 11 | Rx03 | -13157.6 | 5652911.5 | 62.6 | | | | | | 62.8 | | | | | |
| Sienna 12 | Rx03 | -13135.9 | 5652899.3 | 61.4 | | | | | | 61.5 | | | | | |
| Sienna 13 | Rx03 | -13122.1 | 5652891.6 | 61.0 | | | | | | 61.1 | | | | | |
| Sienna 14 | Rx03 | -13110.3 | 5652885.3 | 61.3 | | | | | | 61.4 | | | | | |
| Sienna 15 | Rx03 | -13099.6 | 5652879.5 | 61.4 | | | | | | 61.5 | | | | | |
| Sienna 16 | Rx03 | -13090.3 | 5652874.6 | 61.6 | | | | | | 61.8 | | | | | |
| Sienna 17 | Rx03 | -13078.8 | 5652868.7 | 62.9 | | | | | | 63.0 | | | | | |
| Sienna 18 | Rx03 | -13066.1 | 5652862.3 | 63.0 | | | | | | 63.1 | | | | | |
| Sienna 19 | Rx03 | -13053.8 | 5652856.1 | 62.1 | | | | | | 62.3 | | | | | |
| Sienna 20 | Rx03 | -13033.2 | 5652846 | 59.6 | | | | | | 59.8 | | | | | |
| Sienna 21 | Rx03 | -13020.7 | 5652840 | 59.6 | | | | | | 59.7 | | | | | |
| Sienna 22 | Rx03 | -12998.7 | 5652829.8 | 60.4 | | | | | | 60.6 | | | | | |
| Sienna 23 | Rx03 | -12981.9 | 5652822.3 | 59.9 | | | | | | 60.1 | | | | | |
| Sienna 24 | Rx03 | -12961.3 | 5652813.2 | 60.1 | | | | | | 60.3 | | | | | |
| Sienna 25 | Rx03 | -12945.2 | 5652806.3 | 59.5 | | | | | | 59.7 | | | | | |
| Sienna 26 | Rx03 | -12932.1 | 5652800.8 | 58.7 | | | | | | 58.9 | | | | | |
| Sienna 27 | Rx03 | -12914.3 | 5652793.5 | 60.0 | | | | | | 60.1 | | | | | |
| Sienna 28 | Rx03 | -12888.7 | 5652783.5 | 61.6 | | | | | | 61.7 | | | | | |
| Sienna 29 | Rx03 | -12873.9 | 5652777.8 | 61.7 | | | | | | 61.8 | | | | | |
| Sienna 30 | Rx03 | -12840.1 | 5652765.4 | 61.4 | | 61.4 | | 61.5 | | 61.6 | | 61.6 | | 61.6 | |
| Sienna 31 | Rx03 | -12818.1 | 5652757.7 | 60.2 | | 60.0 | | 60.0 | | 60.4 | | 60.1 | | 60.2 | |
| Sienna 32 | Rx03 | -12800.7 | 5652751.9 | 62.4 | | 60.6 | | 60.6 | | 62.5 | | 60.8 | | 60.8 | |
| Sienna 33 | Rx03 | -12778.1 | 5652744.5 | 62.4 | | 59.5 | | 59.5 | | 62.5 | | 59.7 | | 59.7 | |
| Sienna 34 | Rx03 | -12745.5 | 5652734.4 | 60.1 | | 59.7 | | 59.8 | | 60.2 | | 59.9 | | 60.0 | |
| Sienna 35 | Rx03 | -12718.5 | 5652726.6 | 60.0 | | 60.0 | | 60.1 | | 60.2 | | 60.2 | | 60.3 | |
| Sienna 36 | Rx03 | -12698.4 | 5652721 | 60.4 | | 60.4 | | 60.4 | | 60.6 | | 60.6 | | 60.6 | |
| Sienna 37 | Rx03 | -12671.2 | 5652713.7 | 62.6 | | 62.6 | | 62.7 | | 62.8 | | 62.8 | | 62.9 | |
| Sienna 38 | Rx03 | -12656.3 | 5652709.9 | 63.1 | | 63.2 | | 62.8 | | 63.3 | | 63.4 | | 63.0 | |
| Sienna 39 | Rx03 | -12635.3 | 5652704.8 | 66.0 | 1.0 | 62.5 | | 64.0 | | 66.1 | 1.1 | 62.7 | | 64.2 | |
| Sienna 40 | Rx03 | -12616.4 | 5652700.5 | 67.1 | 2.1 | 63.1 | | 62.1 | | 67.3 | 2.3 | 63.3 | | 62.3 | |
| Sienna 41 | Rx03 | -12593.2 | 5652695.3 | 65.4 | 0.4 | 60.2 | | 59.3 | | 65.6 | 0.6 | 60.4 | | 59.6 | |
| Sienna 42 | Rx03 | -12577.4 | 5652692 | 65.6 | 0.6 | 60.7 | | 59.4 | | 65.8 | 0.8 | 61.0 | | 59.7 | |
| Sienna 43 | Rx03 | -12561.7 | 5652688.8 | 65.9 | 0.9 | 61.4 | | 60.1 | | 66.1 | 1.1 | 61.6 | | 60.3 | |
| Sienna 44 | Rx03 | -12544.7 | 5652685.6 | 67.7 | 2.7 | 62.3 | | 62.5 | | 68.0 | 3.0 | 62.6 | | 62.7 | |
| Sienna 45 | Rx03 | -12522.8 | 5652681.6 | 68.9 | 3.9 | 63.5 | | 63.7 | | 69.1 | 4.1 | 63.7 | | 63.9 | |
| Sienna 46 | Rx03 | -12502.6 | 5652678.2 | 68.4 | 3.4 | 62.1 | | 62.3 | | 68.7 | 3.7 | 62.4 | | 62.6 | |
| Sienna 47 | Rx03 | -12469 | 5652672.9 | 67.9 | 2.9 | 61.9 | | 62.0 | | 68.2 | 3.2 | 62.2 | | 62.2 | |
| Sienna 48 | Rx03 | -12434.6 | 5652668 | 68.3 | 3.3 | 61.9 | | 61.9 | | 68.7 | 3.7 | 62.2 | | 62.3 | |
| Sienna 49 | Rx03 | -12416.9 | 5652665.7 | 67.7 | 2.7 | 61.7 | | 61.7 | | 68.2 | 3.2 | 62.1 | | 62.1 | |
| Sienna 50 | Rx03 | -12396.1 | 5652663.2 | 67.1 | 2.1 | 61.7 | | 61.7 | | 67.6 | 2.6 | 62.1 | | 62.1 | |
| Sienna 51 | Rx03 | -12343.9 | 5652657.6 | 65.8 | 0.8 | 61.7 | | 61.7 | | 66.3 | 1.3 | 62.1 | | 62.1 | |
| Sienna 52 | Rx03 | -12299.2 | 5652653.7 | 65.0 | | 61.8 | | 61.8 | | 65.6 | 0.6 | 62.3 | | 62.3 | |
| Glanmorgan 01 | Rx04 | -11524.3 | 5653153.2 | 72.1 | 7.1 | Mitigation provided by existing berm | | | | 72.8 | 7.8 | Mitigation provided by existing berm | | | |
| Glanmorgan 01a | Rx04 | -11502.6 | 5653153.1 | 61.2 | | | | | | 61.9 | | | | | |
| Glanmorgan 02 | Rx04 | -11524.4 | 5653105.1 | 71.9 | 6.9 | | | | | 72.6 | 7.6 | | | | |
| Glanmorgan 02a | Rx04 | -11501.9 | 5653104.8 | 63.9 | | | | | | 64.6 | | | | | |
| Glanmorgan 03 | Rx04 | -11524.4 | 5653054.5 | 71.9 | 6.9 | | | | | 72.6 | 7.6 | | | | |
| Glanmorgan 03a | Rx04 | -11501.2 | 5653067.3 | 63.5 | | | | | | 64.2 | | | | | |
| Glanmorgan 04 | Rx04 | -11524.5 | 5652996.3 | 71.3 | 6.3 | | | | | 72.0 | 7.0 | | | | |
| Glanmorgan 04a | Rx04 | -11502.3 | 5652996.5 | 60.6 | | | | | | 61.3 | | | | | |
| Glanmorgan 05 | Rx04 | -11524.6 | 5652944.2 | 70.8 | 5.8 | | | | | 71.5 | 6.5 | | | | |
| Glanmorgan 05a | Rx04 | -11502.7 | 5652944.2 | 61.9 | | | | | | 62.6 | | | | | |
| Glanmorgan 06 | Rx04 | -11524.7 | 5652898 | 70.8 | 5.8 | | | | | 71.5 | 6.5 | | | | |
| Glanmorgan 06a | Rx04 | -11499.5 | 5652898.7 | 61.2 | | | | | | 61.8 | | | | | |
| Glanmorgan 07 | Rx04 | -11523.6 | 5652827.8 | 71.2 | 6.2 | | | | | 71.9 | 6.9 | | | | |
| Glanmorgan 07a | Rx04 | -11499.9 | 5652827.6 | 62.4 | | | | | | 62.9 | | | | | |
| Glanmorgan 08 | Rx04 | -11518.4 | 5652795.3 | 71.0 | 6.0 | | | | | 71.9 | 6.9 | | | | |
| Glanmorgan 08a | Rx04 | -11497.9 | 5652795.5 | 63.4 | | | | | | 62.6 | | | | | |
| Glanmorgan 09 | Rx04 | -11493 | 5652729.8 | 69.0 | 4.0 | | | | | 69.7 | 4.7 | | | | |
| Glanmorgan 09a | Rx04 | -11480.4 | 5652741.5 | 65.2 | 0.2 | | | | | 64.4 | | | | | |
| Glanmorgan 10 | Rx04 | -11447.4 | 5652730.7 | 64.4 | | 64.4 | | One alignment only | | 65.1 | 0.1 | 65.1 | 0.1 | One alignment only | |
| Glanmorgan 11 | Rx04 | -11409.9 | 5652730.4 | 62.9 | | 63.0 | | | | 63.6 | | 63.6 | | | |
| Glanmorgan 12 | Rx04 | -11340.3 | 5652717.1 | 60.7 | | 60.7 | | | | 61.4 | | 61.4 | | | |
| Glanmorgan 13 | Rx04 | -11303.4 | 5652717 | 60.5 | | 60.5 | | | | 61.1 | | 61.2 | | | |
| Glanmorgan 14 | Rx04 | -11271.6 | 5652717 | 59.1 | | 59.1 | | | | 59.7 | | 59.8 | | | |
| Glanmorgan 15 | Rx04 | -11244.6 | 5652717 | 58.3 | | 58.3 | | | | 59.0 | | 59.0 | | | |
| Glanmorgan 16 | Rx04 | -11178.5 | 5652535.4 | 68.5 | 3.5 | 63.7 | | | | 69.2 | 4.2 | 64.4 | | | |
| Glanmorgan 16a | Rx04 | -11176.6 | 5652572.6 | 65.0 | | 64.4 | | | | 65.7 | 0.7 | 65.1 | 0.1 | | |
| Glanmorgan 17 | Rx04 | -11104 | 5652534.9 | 69.2 | 4.2 | 64.5 | | | | 69.9 | 4.9 | 65.1 | 0.1 | | |
| Glanmorgan 17a | Rx04 | -11104.9 | 5652575.2 | 66.0 | 1.0 | 65.3 | 0.3 | | | 66.7 | 1.7 | 66.0 | 1.0 | | |
| Glanmorgan 18 | Rx04 | -10975.8 | 5652672.9 | 61.4 | | 61.2 | | | | 62.0 | | 61.8 | | | |
| Glanmorgan 19 | Rx04 | -10955.9 | 5652672.8 | 61.5 | | 61.0 | | | | 62.0 | | 61.6 | | | |
| Glanmorgan 20 | Rx04 | -10940.5 | 5652672.8 | 61.3 | | 60.9 | | | | 61.8 | | 61.5 | | | |
| Glanmorgan 21 | Rx04 | -10925.4 | 5652672.8 | 61.0 | | 60.4 | | | | 61.5 | | 61.0 | | | |
| Glanmorgan 22 | Rx04 | -10912.5 | 5652672.7 | 60.7 | | 60.1 | | | | 61.2 | | 60.6 | | | |
| Glanmorgan 23 | Rx04 | -10897.5 | 5652672.7 | 60.3 | | 59.6 | | | | 60.9 | | 60.1 | | | |
| Glanmorgan 24 | Rx04 | -10871.6 | 5652672.6 | 60.0 | | 59.1 | | | | 60.4 | | 59.5 | | | |
| Glanmorgan 25 | Rx04 | -10854.8 | 5652672.6 | 59.4 | | 58.5 | | | | 59.8 | | 58.9 | | | |
| Glanmorgan 26 | Rx04 | -10779.2 | 5652663.5 | 58.7 | | 57.4 | | | | 59.0 | | 57.7 | | | |
| Glanmorgan 27 | Rx04 | -10692.8 | 5652533.2 | 66.7 | 1.7 | 64.8 | | | | 66.9 | 1.9 | 65.0 | | | |
| Glanmorgan 28 | Rx04 | -10654 | 5652533.1 | 59.0 | | 59.0 | | | | 59.3 | | 59.3 | | | |
| Glanmorgan 29 | Rx04 | -10610.9 | 5652545.8 | 61.0 | | 61.0 | | | | 61.2 | | 61.2 | | | |
| Glanmorgan 30 | Rx04 | -10567.6 | 5652545.6 | 60.6 | | 60.6 | | | | 60.9 | | 60.9 | | | |
| Glanmorgan 31 | Rx04 | -10523.1 | 5652545.6 | 59.8 | | 59.9 | | | | 60.1 | | 60.1 | | | |
| Glanmorgan 32 | Rx04 | -10479.2 | 5652545.2 | 60.0 | | 60.0 | | | | 60.3 | | 60.3 | | | |
| Glanmorgan 33 | Rx04 | -10440.1 | 5652545 | 61.1 | | 61.1 | | | | 61.4 | | 61.3 | | | |
| Glanmorgan 34 | Rx04 | -10422.3 | 5652545 | 61.2 | | 61.1 | | | | 61.4 | | 61.4 | | | |
| Glanmorgan 35 | Rx04 | -10409.4 | 5652544.9 | 61.2 | | 61.2 | | | | 61.5 | | 61.5 | | | |
| Glanmorgan 36 | Rx04 | -10392.6 | 5652544.9 | 61.9 | | 61.8 | | | | 62.1 | | 62.1 | | | |
| Glanmorgan 37 | Rx04 | -10376.5 | 5652544.8 | 62.5 | | 62.5 | | | | 62.7 | | 62.7 | | | |

SWCRR Segment 1 Noise Prediction Results
BKL Consultants Ltd.
September 21, 2017

| Colour Key |
|---|
| 64 < Leq24 ≤ 65 |
| Leq24 > 65 |

2050 Forecast Year

| Receiver | | Coordinates | | 2050 Traffic - Mainline Trucks 8%, Cross streets and ramps 5% | | | | | | 2050 Traffic - All Roads 8.4% | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | No Mitigation | | With Mitigation TUC alignment | | With Mitigation Top of Berm alignment | | No Mitigation | | With Mitigation TUC alignment | | With Mitigation Top of Berm alignment | |
| Name | Group | Easting | Northing | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance |
| | | (m) | (m) | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA |
| Glanmorgan 38 | Rx04 | -10357.3 | 5652544.6 | 61.4 | | 61.3 | | | | 61.6 | | 61.5 | | | |
| Glanmorgan 39 | Rx04 | -10339.5 | 5652544.6 | 61.2 | | 61.1 | | | | 61.5 | | 61.3 | | | |
| Glanmorgan 40 | Rx04 | -10313.8 | 5652544.4 | 61.6 | | 61.4 | | | | 61.9 | | 61.7 | | | |
| Glanmorgan 41 | Rx04 | -10300 | 5652544.3 | 62.3 | | 62.0 | | 62.1 | | 62.6 | | 62.3 | | 62.3 | |
| Glanmorgan 42 | Rx04 | -10279.6 | 5652544.3 | 63.6 | | 63.2 | | 63.1 | | 63.8 | | 63.4 | | 63.3 | |
| Glanmorgan 43 | Rx04 | -10262.4 | 5652544.2 | 63.9 | | 62.7 | | 62.8 | | 64.2 | | 63.0 | | 63.1 | |
| Glanmorgan 44 | Rx04 | -10242.3 | 5652544.1 | 66.4 | 1.4 | 63.0 | | 63.1 | | 66.8 | 1.8 | 63.3 | | 63.5 | |
| Glanmorgan 45 | Rx04 | -10193.1 | 5652546 | 68.7 | 3.7 | 64.3 | | 63.5 | | 69.1 | 4.1 | 64.7 | | 63.9 | |
| Glanmorgan 46 | Rx04 | -10133.1 | 5652555.7 | 66.6 | 1.6 | 63.9 | | 63.0 | | 67.1 | 2.1 | 64.4 | | 63.4 | |
| Glanmorgan 46a | Rx04 | -10131.6 | 5652575.6 | 65.6 | 0.6 | 63.5 | | 62.4 | | 66.1 | 1.1 | 64.1 | | 62.9 | |
| Glanmorgan 47 | Rx04 | -10065.9 | 5652566.2 | 64.2 | | 62.2 | | 63.4 | | 64.8 | | 62.8 | | 64.0 | |
| Glanmorgan 47a | Rx04 | -10068 | 5652589.1 | 65.2 | 0.2 | 63.2 | | 63.5 | | 65.8 | 0.8 | 63.8 | | 64.1 | |
| Glanmorgan 48 | Rx04 | -9957.2 | 5652648.4 | 62.2 | | 61.6 | | 61.2 | | 63.1 | | 62.5 | | 62.1 | |
| Glanmorgan 48a | Rx04 | -9977.7 | 5652657.9 | 63.3 | | 62.4 | | 62.2 | | 64.3 | | 63.4 | | 63.2 | |
| Glanmorgan 49 | Rx04 | -9932.8 | 5652684.2 | 66.3 | 1.3 | 62.7 | | 62.4 | | 67.4 | 2.4 | 63.7 | | 63.3 | |
| Glanmorgan 49a | Rx04 | -9950.7 | 5652686 | 64.1 | | 62.3 | | 62.2 | | 65.2 | 0.2 | 63.3 | | 63.2 | |
| Glanmorgan 50 | Rx04 | -9930.3 | 5652734.9 | 66.6 | 1.6 | 64.9 | | 64.8 | | 67.7 | 2.7 | 64.9 | | 64.8 | |
| Glanmorgan 50a | Rx04 | -9948.4 | 5652730.6 | 63.4 | | 61.9 | | 61.9 | | 64.5 | | 62.9 | | 62.8 | |
| Lakeview 01 | RX05 | -9884.3 | 5651686.8 | 51.4 | | | | | | 52.2 | | | | | |
| Lakeview 02 | RX05 | -9884.2 | 5651703 | 51.3 | | | | | | 52.1 | | | | | |
| Lakeview 03 | RX05 | -9884.2 | 5651723.5 | 51.4 | | | | | | 52.2 | | | | | |
| Lakeview 04 | RX05 | -9884.1 | 5651738.4 | 52.3 | | | | | | 53.2 | | | | | |
| Lakeview 05 | RX05 | -9884 | 5651755.9 | 52.6 | | | | | | 53.4 | | | | | |
| Lakeview 06 | RX05 | -9884 | 5651775.8 | 53.0 | | | | | | 53.9 | | | | | |
| Lakeview 07 | RX05 | -9883.9 | 5651794 | 53.9 | | | | | | 54.8 | | | | | |
| Lakeview 08 | RX05 | -9883.8 | 5651813.2 | 54.0 | | | | | | 54.9 | | | | | |
| Lakeview 09 | RX05 | -9883.8 | 5651830.2 | 55.0 | | | | | | 55.9 | | | | | |
| Lakeview 10 | RX05 | -9883.7 | 5651847.3 | 55.7 | | | | | | 56.6 | | | | | |
| Lakeview 11 | RX05 | -9883.7 | 5651864.4 | 54.9 | | | | | | 55.8 | | | | | |
| Lakeview 12 | RX05 | -9883.6 | 5651885.4 | 55.4 | | | | | | 56.3 | | | | | |
| Lakeview 13 | RX05 | -9883.5 | 5651901.5 | 56.3 | | | | | | 57.2 | | | | | |
| Lakeview 14 | RX05 | -9883.5 | 5651918.1 | 56.7 | | | | | | 57.6 | | | | | |
| Lakeview 15 | RX05 | -9883.4 | 5651935.8 | 57.1 | | | | | | 58.0 | | | | | |
| Lakeview 16 | RX05 | -9883.3 | 5651955.6 | 57.0 | | | | | | 58.0 | | | | | |
| Lakeview 17 | RX05 | -9883.3 | 5651973.5 | 57.7 | | | | | | 58.6 | | | | | |
| Lakeview 18 | RX05 | -9883.2 | 5651990.3 | 57.6 | | | | | | 58.5 | | | | | |
| Lakeview 19 | Rx05 | -9883.1 | 5652031.4 | 59.0 | | | | | | 59.9 | | | | | |
| Lakeview 20 | Rx05 | -9883 | 5652044.6 | 59.0 | | | | | | 60.0 | | | | | |
| Lakeview 21 | Rx05 | -9883 | 5652068 | 59.4 | | | | | | 60.4 | | | | | |
| Lakeview 22 | Rx05 | -9882.9 | 5652085 | 59.6 | | | | | | 60.6 | | | | | |
| Lakeview 23 | Rx05 | -9882.8 | 5652107.5 | 60.5 | | | | | | 61.5 | | | | | |
| Lakeview 24 | Rx05 | -9882.8 | 5652124.5 | 60.4 | | | | | | 61.4 | | | | | |
| Lakeview 25 | Rx05 | -9882.7 | 5652149.2 | 61.6 | | | | | | 62.6 | | | | | |
| Lakeview 26 | Rx05 | -9882.7 | 5652164.9 | 62.0 | | | | | | 63.1 | | | | | |
| Lakeview 27 | Rx05 | -9882.6 | 5652183.2 | 62.2 | | | | | | 63.3 | | | | | |
| Lakeview 28 | Rx05 | -9882.5 | 5652203.7 | 63.2 | | | | | | 64.2 | | | | | |
| Lakeview 29 | Rx05 | -9882.5 | 5652222.3 | 63.6 | | | | | | 64.7 | | | | | |
| Lakeview 30 | Rx05 | -9882.4 | 5652237.4 | 63.8 | | | | | | 64.9 | | 64.0 | | | |
| Lakeview 31 | Rx05 | -9882.4 | 5652257.3 | 64.7 | | 64.7 | | 64.7 | | 65.8 | 0.8 | 63.8 | 0.9 | | |
| Lakeview 32 | Rx05 | -9869.6 | 5652302 | 63.9 | | 64.0 | | 64.0 | | 65.1 | 0.1 | 62.0 | | | |
| Lakeview 33 | Rx05 | -9869.2 | 5652383.4 | 64.8 | | 64.9 | | 64.9 | | 65.9 | 0.9 | 58.7 | | | |
| Lakeview 34 | Rx05 | -9856.3 | 5652396.5 | 65.8 | 0.8 | 64.2 | | 64.1 | | 66.6 | 1.6 | 60.4 | | 60.2 | |
| Lakeview 35 | Rx05 | -9800.3 | 5652396.2 | 65.7 | 0.7 | 61.1 | | 60.8 | | 66.3 | 1.3 | 61.6 | | 61.4 | |
| Lakeview 36 | Rx05 | -9749.8 | 5652396.1 | 66.3 | 1.3 | 62.8 | | 61.9 | | 66.6 | 1.6 | 63.1 | | 62.3 | |
| Lakeview 37 | Rx05 | -9710.4 | 5652395.9 | 68.1 | 3.1 | 64.4 | | 64.3 | | 68.4 | 3.4 | 64.6 | | 64.5 | |
| Lakeview 38 | Rx05 | -9671.8 | 5652382.9 | 67.4 | 2.4 | 62.0 | | 64.5 | | 67.7 | 2.7 | 62.5 | | 64.7 | |
| Lakeview 39 | Rx05 | -9596.9 | 5652299.8 | 64.3 | | 64.0 | | 63.9 | | 64.5 | | 64.2 | | 64.1 | |
| Lakeview 40 | Rx05 | -9584.6 | 5652280 | 65.4 | 0.4 | 65.4 | 0.4 | 65.3 | 0.3 | 65.6 | 0.6 | 65.5 | 0.5 | | |
| Lakeview 41 | Rx05 | -9577.3 | 5652259.7 | 64.3 | | 64.2 | | 64.1 | | 64.4 | | 64.3 | | | |
| Lakeview 42 | Rx05 | -9574.6 | 5652242.8 | 64.1 | | 64.0 | | 64.0 | | 64.2 | | 64.1 | | | |
| Lakeview 43 | Rx05 | -9572 | 5652226.9 | 63.5 | | 63.4 | | 63.4 | | 63.6 | | 63.5 | | | |
| Lakeview 44 | Rx05 | -9569.5 | 5652211.4 | 63.0 | | 62.9 | | 62.9 | | 63.1 | | 63.0 | | | |
| Lakeview 45 | Rx05 | -9564.9 | 5652185.8 | 62.8 | | 62.8 | | 62.8 | | 62.9 | | 62.9 | | | |
| Lakeview 46 | Rx05 | -9562.5 | 5652170.2 | 63.6 | | 63.6 | | 63.6 | | 63.7 | | 63.7 | | | |
| Lakeview 47 | Rx05 | -9559.9 | 5652153.8 | 61.8 | | 61.8 | | 61.8 | | 61.9 | | 61.9 | | | |
| Lakeview 48 | Rx05 | -9532.2 | 5652145.1 | 60.5 | | 60.5 | | 60.5 | | 60.7 | | 60.6 | | | |
| Lakeview 49 | Rx05 | -9497.4 | 5652151.1 | 63.3 | | 63.3 | | 63.3 | | 63.4 | | 63.4 | | | |
| Lakeview 50 | Rx05 | -9471.6 | 5652145.4 | 63.7 | | 63.8 | | 63.7 | | 63.8 | | 63.9 | | | |
| Lakeview 51 | Rx05 | -9457.9 | 5652125.9 | 64.6 | | 64.6 | | 64.6 | | 64.7 | | 64.7 | | | |
| Lincoln 01 | Rx05 | -9862 | 5652865.7 | 62.0 | | | | | | 63.0 | | | | | |
| Lincoln 02 | Rx05 | -9861.5 | 5652812 | 63.8 | | | | | | 64.9 | | | | | |
| Lincoln 03 | Rx05 | -9860.3 | 5652782.6 | 63.2 | | | | | | 64.3 | | | | | |
| Lincoln 04 | Rx05 | -9857.1 | 5652744.4 | 63.3 | | | | | | 64.3 | | | | | |
| Lincoln 05 | Rx05 | -9857.5 | 5652715.6 | 62.0 | | | | | | 63.0 | | | | | |
| Lincoln 06 | Rx05 | -9856.8 | 5652694.4 | 63.9 | | | | | | 64.9 | | | | | |
| Lincoln 07 | Rx05 | -9855.6 | 5652664.4 | 63.8 | | | | | | 65.0 | | | | | |
| Lincoln 08 | Rx05 | -9844.7 | 5652637.5 | 63.5 | | | | | | 64.4 | | | | | |
| Lincoln 09 | Rx05 | -9718.2 | 5652609 | 58.1 | | | | | | 58.7 | | | | | |
| Lincoln 10 | Rx05 | -9669.4 | 5652604.9 | 58.8 | | | | | | 59.2 | | | | | |
| Lincoln 11 | Rx05 | -9420.1 | 5652406.2 | 63.8 | | 63.9 | | 61.8 | | 64.0 | | 64.0 | | 62.0 | |
| Lincoln 12 | Rx05 | -9411.3 | 5652361.7 | 65.0 | | 60.6 | | 61.4 | | 65.1 | 0.1 | 60.7 | | 61.5 | |
| Lincoln 13 | Rx05 | -9399.9 | 5652303.7 | 66.4 | 1.4 | 62.3 | | 64.1 | | 66.5 | 1.5 | 62.4 | | 64.2 | |

SWCRR Segment 1 Noise Prediction Results
BKL Consultants Ltd.
September 21, 2017

Colour Key
64 < Leq24 ≤ 65
Leq24 > 65

2030 Forecast Year

| Receiver | | Coordinates | | 2030 Traffic - Mainline Trucks 8%, Cross streets and ramps 5% | | | | | | 2030 Traffic - All Roads 8.4% | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | No Mitigation | | With Mitigation TUC alignment | | With Mitigation Top of Berm alignment | | No Mitigation | | With Mitigation TUC alignment | | With Mitigation Top of Berm alignment | |
| Name | Group | Easting | Northing | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance |
| | | (m) | (m) | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA |
| Discovery 001 | Rx01 | -16304.8 | 5653660.7 | 55.7 | | No mitigation required | | | | 55.8 | | No mitigation required | | | |
| Discovery 002 | Rx01 | -16291.5 | 5653663.7 | 55.9 | | | | | | 56.0 | | | | | |
| Discovery 003 | Rx01 | -16276.7 | 5653667 | 56.0 | | | | | | 56.1 | | | | | |
| Discovery 004 | Rx01 | -16265.3 | 5653669.6 | 55.8 | | | | | | 55.9 | | | | | |
| Discovery 005 | Rx01 | -16249.3 | 5653673.1 | 55.4 | | | | | | 55.5 | | | | | |
| Discovery 006 | Rx01 | -16235.8 | 5653676.1 | 55.1 | | | | | | 55.2 | | | | | |
| Discovery 007 | Rx01 | -16222.4 | 5653679.2 | 55.4 | | | | | | 55.5 | | | | | |
| Discovery 008 | Rx01 | -16208 | 5653682.4 | 55.3 | | | | | | 55.4 | | | | | |
| Discovery 009 | Rx01 | -16193.6 | 5653685.6 | 55.0 | | | | | | 55.1 | | | | | |
| Discovery 010 | Rx01 | -16181.3 | 5653688.3 | 54.9 | | | | | | 55.0 | | | | | |
| Discovery 011 | Rx01 | -16167.4 | 5653691.5 | 55.5 | | | | | | 55.6 | | | | | |
| Discovery 012 | Rx01 | -16154.2 | 5653694.4 | 55.0 | | | | | | 55.1 | | | | | |
| Discovery 013 | Rx01 | -16140.3 | 5653697.5 | 55.5 | | | | | | 55.5 | | | | | |
| Discovery 014 | Rx01 | -16127.1 | 5653700.5 | 55.4 | | | | | | 55.4 | | | | | |
| Discovery 015 | Rx01 | -16112.7 | 5653703.7 | 55.9 | | | | | | 56.0 | | | | | |
| Discovery 016 | Rx01 | -16097.3 | 5653707.1 | 55.4 | | | | | | 55.4 | | | | | |
| Discovery 017 | Rx01 | -16084.2 | 5653710.1 | 55.3 | | | | | | 55.4 | | | | | |
| Discovery 018 | Rx01 | -16066.6 | 5653714 | 55.6 | | | | | | 55.7 | | | | | |
| Discovery 019 | Rx01 | -16041.5 | 5653719.6 | 54.8 | | | | | | 54.9 | | | | | |
| Discovery 020 | Rx01 | -16011.5 | 5653726.3 | 55.4 | | | | | | 55.5 | | | | | |
| Discovery 021 | Rx01 | -15982.9 | 5653732.7 | 54.9 | | | | | | 55.0 | | | | | |
| Discovery 022 | Rx01 | -15954.1 | 5653739.1 | 54.5 | | | | | | 54.6 | | | | | |
| Discovery 023 | Rx01 | -15929.5 | 5653744.6 | 54.0 | | | | | | 54.1 | | | | | |
| Discovery 024 | Rx01 | -15901.4 | 5653750.9 | 52.0 | | | | | | 52.1 | | | | | |
| Discovery 025 | Rx01 | -15874.9 | 5653756.8 | 51.3 | | | | | | 51.4 | | | | | |
| Discovery 026 | Rx01 | -15761.9 | 5653782.1 | 47.1 | | | | | | 47.2 | | | | | |
| Discovery 027 | Rx01 | -15693.9 | 5653797.3 | 51.6 | | | | | | 51.7 | | | | | |
| Discovery 028 | Rx01 | -15679.5 | 5653800.5 | 53.7 | | | | | | 53.8 | | | | | |
| Discovery 029 | Rx01 | -15666.8 | 5653803.4 | 53.6 | | | | | | 53.7 | | | | | |
| Discovery 030 | Rx01 | -15650 | 5653807.1 | 54.1 | | | | | | 54.2 | | | | | |
| Discovery 031 | Rx01 | -15637.8 | 5653809.9 | 53.8 | | | | | | 53.9 | | | | | |
| Discovery 032 | Rx01 | -15618.1 | 5653814.3 | 52.9 | | | | | | 52.9 | | | | | |
| Discovery 033 | Rx01 | -15600 | 5653812.6 | 53.6 | | | | | | 53.6 | | | | | |
| Discovery 034 | Rx01 | -15586.1 | 5653810.3 | 54.4 | | | | | | 54.5 | | | | | |
| Discovery 035 | Rx01 | -15571.7 | 5653808 | 54.8 | | | | | | 54.9 | | | | | |
| Discovery 036 | Rx01 | -15556.8 | 5653805.7 | 55.3 | | | | | | 55.4 | | | | | |
| Discovery 037 | Rx01 | -15542.7 | 5653803.4 | 55.9 | | | | | | 56.0 | | | | | |
| Discovery 038 | Rx01 | -15527 | 5653800.9 | 56.5 | | | | | | 56.5 | | | | | |
| Discovery 039 | Rx01 | -15515.3 | 5653799 | 56.6 | | | | | | 56.6 | | | | | |
| Discovery 040 | Rx01 | -15501.5 | 5653796.8 | 56.5 | | | | | | 56.6 | | | | | |
| Discovery 041 | Rx01 | -15487.3 | 5653794.6 | 56.5 | | | | | | 56.6 | | | | | |
| Discovery 042 | Rx01 | -15473.5 | 5653792.4 | 56.6 | | | | | | 56.7 | | | | | |
| Discovery 043 | Rx01 | -15459.7 | 5653790.2 | 56.1 | | | | | | 56.1 | | | | | |
| Discovery 044 | Rx01 | -15446.9 | 5653788.1 | 56.2 | | | | | | 56.3 | | | | | |
| Discovery 045 | Rx01 | -15433.6 | 5653786 | 56.4 | | | | | | 56.4 | | | | | |
| Discovery 046 | Rx01 | -15419.2 | 5653783.7 | 56.2 | | | | | | 56.2 | | | | | |
| Discovery 047 | Rx01 | -15404.5 | 5653781.4 | 55.6 | | | | | | 55.7 | | | | | |
| Discovery 048 | Rx01 | -15389.7 | 5653779 | 54.7 | | | | | | 54.8 | | | | | |
| Discovery 049 | Rx01 | -15375.5 | 5653776.7 | 53.9 | | | | | | 53.9 | | | | | |
| Discovery 050 | Rx01 | -15365.6 | 5653775.1 | 54.5 | | | | | | 54.6 | | | | | |
| Discovery 051 | Rx01 | -15345 | 5653771.9 | 56.4 | | | | | | 56.5 | | | | | |
| Discovery 052 | Rx01 | -15334.4 | 5653770.2 | 56.8 | | | | | | 56.8 | | | | | |
| Discovery 053 | Rx01 | -15320.8 | 5653768 | 56.4 | | | | | | 56.5 | | | | | |
| Discovery 054 | Rx01 | -15308.9 | 5653766.1 | 56.0 | | | | | | 56.0 | | | | | |
| Discovery 055 | Rx01 | -15292.1 | 5653763.4 | 53.4 | | | | | | 53.5 | | | | | |
| Discovery 056 | Rx01 | -15277.9 | 5653761.1 | 53.0 | | | | | | 53.1 | | | | | |
| Discovery 057 | Rx01 | -15265.2 | 5653759.1 | 53.2 | | | | | | 53.3 | | | | | |
| Discovery 058 | Rx01 | -15246.6 | 5653756.1 | 52.8 | | | | | | 52.9 | | | | | |
| Discovery 059 | Rx01 | -15234.8 | 5653754.3 | 53.0 | | | | | | 53.1 | | | | | |
| Discovery 060 | Rx01 | -15221.9 | 5653752.2 | 53.1 | | | | | | 53.2 | | | | | |
| Discovery 061 | Rx01 | -15209.2 | 5653750.2 | 53.4 | | | | | | 53.5 | | | | | |
| Discovery 062 | Rx01 | -15196 | 5653748.1 | 53.7 | | | | | | 53.8 | | | | | |
| Discovery 063 | Rx01 | -15179 | 5653745.3 | 53.7 | | | | | | 53.8 | | | | | |
| Discovery 064 | Rx01 | -15167.4 | 5653743.5 | 53.6 | | | | | | 53.7 | | | | | |
| Discovery 065 | Rx01 | -15151.9 | 5653741 | 52.4 | | | | | | 52.5 | | | | | |
| Discovery 066 | Rx01 | -15138.2 | 5653738.8 | 52.3 | | | | | | 52.4 | | | | | |
| Discovery 067 | Rx01 | -15121.3 | 5653736.1 | 52.3 | | | | | | 52.3 | | | | | |
| Discovery 068 | Rx01 | -15109.8 | 5653734.3 | 52.1 | | | | | | 52.2 | | | | | |
| Discovery 069 | Rx01 | -15094.6 | 5653731.9 | 51.8 | | | | | | 51.9 | | | | | |
| Discovery 070 | Rx01 | -15078.8 | 5653729.3 | 51.9 | | | | | | 52.0 | | | | | |
| Discovery 071 | Rx01 | -15064 | 5653724.5 | 51.9 | | | | | | 52.0 | | | | | |
| Discovery 072 | Rx01 | -15052.7 | 5653718.5 | 52.1 | | | | | | 52.2 | | | | | |
| Discovery 073 | Rx01 | -15039.2 | 5653711 | 52.4 | | | | | | 52.5 | | | | | |
| Discovery 074 | Rx01 | -15024.9 | 5653702.9 | 51.9 | | | | | | 52.0 | | | | | |
| Discovery 075 | Rx01 | -15011.6 | 5653695.3 | 51.9 | | | | | | 52.0 | | | | | |
| Discovery 076 | Rx01 | -15000.2 | 5653688.8 | 51.7 | | | | | | 51.8 | | | | | |
| Discovery 077 | Rx01 | -14986.1 | 5653680.7 | 51.9 | | | | | | 52.0 | | | | | |
| Discovery 078 | Rx01 | -14973.6 | 5653673.6 | 52.2 | | | | | | 52.3 | | | | | |
| Discovery 079 | Rx01 | -14961.7 | 5653666.8 | 52.1 | | | | | | 52.2 | | | | | |
| Discovery 080 | Rx01 | -14951.3 | 5653660.8 | 52.1 | | | | | | 52.2 | | | | | |
| Discovery 081 | Rx01 | -14938.9 | 5653653.8 | 52.4 | | | | | | 52.5 | | | | | |
| Discovery 082 | Rx01 | -14925.1 | 5653645.9 | 52.4 | | | | | | 52.5 | | | | | |
| Discovery 083 | Rx01 | -14916.2 | 5653640.8 | 52.2 | | | | | | 52.3 | | | | | |
| Discovery 084 | Rx01 | -14905.5 | 5653634.7 | 52.1 | | | | | | 52.2 | | | | | |
| Discovery 085 | Rx01 | -14892.4 | 5653627.2 | 51.8 | | | | | | 51.9 | | | | | |
| Discovery 086 | Rx01 | -14879.1 | 5653619.7 | 52.3 | | | | | | 52.4 | | | | | |
| Discovery 087 | Rx01 | -14869.3 | 5653614.1 | 52.6 | | | | | | 52.7 | | | | | |
| Discovery 088 | Rx01 | -14856.2 | 5653606.6 | 52.9 | | | | | | 53.0 | | | | | |
| Discovery 089 | Rx01 | -14845.1 | 5653600.2 | 52.9 | | | | | | 53.0 | | | | | |
| Discovery 090 | Rx01 | -14829.8 | 5653591.5 | 54.0 | | | | | | 54.1 | | | | | |
| Discovery 091 | Rx01 | -14818.5 | 5653585.1 | 54.2 | | | | | | 54.3 | | | | | |
| Discovery 092 | Rx01 | -14807.2 | 5653578.6 | 54.3 | | | | | | 54.4 | | | | | |
| Discovery 093 | Rx01 | -14794.8 | 5653571.5 | 54.6 | | | | | | 54.7 | | | | | |
| Discovery 094 | Rx01 | -14784.1 | 5653565.4 | 55.1 | | | | | | 55.2 | | | | | |
| Discovery 095 | Rx01 | -14770.7 | 5653557.8 | 55.6 | | | | | | 55.7 | | | | | |
| Discovery 096 | Rx01 | -14757.3 | 5653550.1 | 55.8 | | | | | | 55.9 | | | | | |
| Discovery 097 | Rx01 | -14745.9 | 5653543.6 | 56.5 | | | | | | 56.6 | | | | | |
| Discovery 098 | Rx01 | -14733.6 | 5653536.6 | 57.1 | | | | | | 57.2 | | | | | |
| Discovery 099 | Rx01 | -14719.6 | 5653528.6 | 55.4 | | | | | | 55.5 | | | | | |
| Discovery 100 | Rx01 | -14706.6 | 5653521.2 | 56.4 | | | | | | 56.5 | | | | | |
| Discovery 101 | Rx01 | -14694 | 5653514 | 56.8 | | | | | | 56.9 | | | | | |
| Discovery 102 | Rx01 | -14681.6 | 5653506.9 | 56.8 | | | | | | 56.9 | | | | | |
| Discovery 103 | Rx01 | -14668.9 | 5653499.7 | 55.5 | | | | | | 55.6 | | | | | |
| Discovery 104 | Rx01 | -14658.4 | 5653493.7 | 55.3 | | | | | | 55.4 | | | | | |
| Discovery 105 | Rx01 | -14641.7 | 5653484.1 | 54.9 | | | | | | 55.0 | | | | | |
| Discovery 106 | Rx01 | -14621.5 | 5653472.6 | 55.6 | | | | | | 55.7 | | | | | |
| Discovery 107 | Rx01 | -14603.8 | 5653462.5 | 55.8 | | | | | | 55.9 | | | | | |
| Discovery 108 | Rx01 | -14434.4 | 5653365.9 | 57.2 | | | | | | 57.3 | | | | | |
| Discovery 109 | Rx01 | -14418.3 | 5653356.6 | 57.6 | | | | | | 57.7 | | | | | |
| Discovery 110 | Rx01 | -14383 | 5653336.5 | 60.3 | | | | | | 60.4 | | | | | |

SWCRR Segment 1 Noise Prediction Results
BKL Consultants Ltd.
September 21, 2017

| Colour Key |
|---|
| 64 < Leq24 ≤ 65 |
| Leq24 > 65 |

2030 Forecast Year

| Receiver | | Coordinates | | 2030 Traffic - Mainline Trucks 8%, Cross streets and ramps 5% | | | | | | 2030 Traffic - All Roads 8.4% | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | No Mitigation | | With Mitigation TUC alignment | | With Mitigation Top of Berm alignment | | No Mitigation | | With Mitigation TUC alignment | | With Mitigation Top of Berm alignment | |
| Name | Group | Easting | Northing | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance |
| | | (m) | (m) | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA |
| Discovery 111 | Rx01 | -14362.3 | 5653324.7 | 60.7 | | | | | | 60.8 | | | | | |
| Discovery 112 | Rx01 | -14341.8 | 5653313 | 60.9 | | | | | | 61.0 | | | | | |
| Discovery 113 | Rx01 | -14321.3 | 5653301.3 | 61.3 | | | | | | 61.4 | | | | | |
| Discovery 114 | Rx01 | -14300.4 | 5653289.4 | 61.9 | | | | | | 62.0 | | | | | |
| Discovery 115 | Rx01 | -14281.4 | 5653278.5 | 61.6 | | | | | | 61.7 | | | | | |
| Discovery 116 | Rx01 | -14259 | 5653265.7 | 60.7 | | | | | | 60.8 | | | | | |
| Discovery 117 | Rx01 | -14238.2 | 5653253.9 | 60.2 | | | | | | 60.4 | | | | | |
| Discovery 118 | Rx01 | -14226.9 | 5653247.4 | 60.4 | | | | | | 60.6 | | | | | |
| Discovery 119 | Rx01 | -14215.3 | 5653240.8 | 60.5 | | | | | | 60.6 | | | | | |
| Discovery 120 | Rx01 | -14203.2 | 5653233.9 | 60.6 | | | | | | 60.7 | | | | | |
| Discovery 121 | Rx01 | -14191.6 | 5653227.2 | 60.7 | | | | | | 60.8 | | | | | |
| Discovery 122 | Rx01 | -14181.2 | 5653221.3 | 61.2 | | | | | | 61.3 | | | | | |
| Discovery 123 | Rx01 | -14168.3 | 5653214 | 60.7 | | | | | | 60.9 | | | | | |
| Discovery 124 | Rx01 | -14156.2 | 5653207 | 60.4 | | | | | | 60.6 | | | | | |
| Discovery 125 | Rx01 | -14142 | 5653198.1 | 60.1 | | | | | | 60.2 | | | | | |
| Discovery 126 | Rx01 | -14131.4 | 5653191 | 61.4 | | | | | | 61.5 | | | | | |
| Discovery 127 | Rx01 | -14119.6 | 5653182.4 | 61.2 | | | | | | 61.3 | | | | | |
| Discovery 128 | Rx01 | -14107.1 | 5653173.5 | 61.0 | | | | | | 61.2 | | | | | |
| Discovery 129 | Rx01 | -14096.6 | 5653165.9 | 60.0 | | | | | | 60.1 | | | | | |
| Discovery 130 | Rx01 | -14083.9 | 5653156.7 | 60.2 | | | | | | 60.4 | | | | | |
| Discovery 131 | Rx01 | -14069.4 | 5653146.3 | 60.4 | | | | | | 60.6 | | | | | |
| Discovery 132 | Rx01 | -14054.4 | 5653135.5 | 59.9 | | | | | | 60.0 | | | | | |
| Discovery 133 | Rx01 | -14023.7 | 5653113.5 | 58.1 | | | | | | 58.3 | | | | | |
| Discovery 134 | Rx01 | -14007.9 | 5653102.1 | 59.7 | | | | | | 59.9 | | | | | |
| Discovery 135 | Rx01 | -13995.2 | 5653093 | 60.4 | | | | | | 60.6 | | | | | |
| Discovery 136 | Rx01 | -13983.1 | 5653083.7 | 60.0 | | | | | | 60.2 | | | | | |
| Discovery 137 | Rx01 | -13973.1 | 5653073.9 | 59.4 | | | | | | 59.6 | | | | | |
| Discovery 138 | Rx01 | -13961.5 | 5653057.7 | 60.1 | | | | | | 60.3 | | | | | |
| Discovery 139 | Rx01 | -13955.8 | 5653045.5 | 60.8 | | | | | | 61.0 | | | | | |
| Discovery 140 | Rx01 | -13950.3 | 5653026.8 | 59.6 | | | | | | 59.9 | | | | | |
| Discovery 141 | Rx01 | -13948.8 | 5653012.2 | 59.3 | | | | | | 59.5 | | | | | |
| Discovery 142 | Rx01 | -13950 | 5652994 | 59.6 | | | | | | 60.0 | | | | | |
| Discovery 143 | Rx01 | -13954.1 | 5652977.6 | 59.0 | | | | | | 59.4 | | | | | |
| Discovery 144 | Rx01 | -13963.4 | 5652957.9 | 58.6 | | | | | | 59.1 | | | | | |
| Discovery 145 | Rx01 | -13970.7 | 5652947.6 | 57.6 | | | | | | 58.2 | | | | | |
| Discovery 146 | Rx01 | -13982.8 | 5652935.1 | 57.7 | | | | | | 58.3 | | | | | |
| Discovery 147 | Rx01 | -13925.8 | 5652869 | 58.3 | | | | | | 58.8 | | | | | |
| Discovery 148 | Rx01 | -13900.2 | 5652856.3 | 55.9 | | | | | | 56.4 | | | | | |
| Discovery 149 | Rx01 | -13851 | 5652871.1 | 57.0 | | | | | | 57.4 | | | | | |
| Discovery 150 | Rx01 | -13824.6 | 5652878.7 | 57.1 | | | | | | 57.5 | | | | | |
| Discovery 151 | Rx01 | -13767.2 | 5652888.6 | 61.2 | | | | | | 61.6 | | | | | |
| Discovery 152 | Rx01 | -13735.2 | 5652890.4 | 62.7 | | | | | | 63.1 | | | | | |
| Discovery 153 | Rx01 | -13703.4 | 5652889.7 | 62.6 | | | | | | 62.9 | | | | | |
| Discovery 154 | Rx01 | -13646.7 | 5652882.1 | 63.5 | | | | | | 63.8 | | | | | |
| Discovery 155 | Rx01 | -13619.7 | 5652875.4 | 64.3 | | | | | | 64.5 | | | | | |
| Springbank 01 | Rx02 | -14779.7 | 5653887.4 | 57.7 | | | | | | 57.8 | | | | | |
| Springbank 02 | Rx02 | -14745.4 | 5653853.1 | 59.0 | | | | | | 59.0 | | | | | |
| Springbank 03 | Rx02 | -14676.6 | 5653886 | 55.5 | | | | | | 55.6 | | | | | |
| Springbank 04 | Rx02 | -14666.5 | 5653869.9 | 56.0 | | | | | | 56.1 | | | | | |
| Springbank 05 | Rx02 | -14651.8 | 5653847.2 | 57.4 | | | | | | 57.5 | | | | | |
| Springbank 06 | Rx02 | -14626.8 | 5653807.9 | 59.4 | | | | | | 59.5 | | | | | |
| Springbank 07 | Rx02 | -14612 | 5653778.7 | 59.2 | | | | | | 59.3 | | | | | |
| Springbank 08 | Rx02 | -14495.9 | 5653712.7 | 62.0 | | | | | | 62.1 | | | | | |
| Springbank 09 | Rx02 | -14487 | 5653707.7 | 62.1 | | | | | | 62.1 | | | | | |
| Springbank 10 | Rx02 | -14477.4 | 5653702.3 | 61.8 | | | | | | 61.8 | | | | | |
| Springbank 11 | Rx02 | -14466.8 | 5653696.4 | 61.4 | | | | | | 61.5 | | | | | |
| Springbank 12 | Rx02 | -14457.3 | 5653691.1 | 61.0 | | | | | | 61.0 | | | | | |
| Springbank 13 | Rx02 | -14447.3 | 5653685.5 | 60.7 | | | | | | 60.8 | | | | | |
| Springbank 14 | Rx02 | -14437.6 | 5653680.1 | 60.8 | | | | | | 60.8 | | | | | |
| Springbank 15 | Rx02 | -14427.4 | 5653674.4 | 60.8 | | | | | | 60.8 | | | | | |
| Springbank 16 | Rx02 | -14417.4 | 5653668.9 | 60.6 | | | | | | 60.7 | | | | | |
| Springbank 17 | Rx02 | -14407.2 | 5653663.2 | 60.7 | | | | | | 60.7 | | | | | |
| Springbank 18 | Rx02 | -14396.5 | 5653657.2 | 60.8 | | | | | | 60.9 | | | | | |
| Springbank 19 | Rx02 | -14386.8 | 5653651.8 | 61.0 | | | | | | 61.1 | | | | | |
| Springbank 20 | Rx02 | -14376.4 | 5653646 | 60.4 | | | | | | 60.5 | | | | | |
| Springbank 21 | Rx02 | -14366.6 | 5653640.5 | 60.0 | | | | | | 60.1 | | | | | |
| Springbank 22 | Rx02 | -14358.6 | 5653636 | 59.8 | | | | | | 59.9 | | | | | |
| Springbank 23 | Rx02 | -14345.4 | 5653628.7 | 60.2 | | | | | | 60.3 | | | | | |
| Springbank 24 | Rx02 | -14328.7 | 5653619.4 | 61.4 | | | | | | 61.5 | | | | | |
| Springbank 25 | Rx02 | -14317 | 5653612.9 | 61.1 | | | | | | 61.2 | | | | | |
| Springbank 26 | Rx02 | -14300.9 | 5653603.9 | 61.7 | | | | | | 61.8 | | | | | |
| Springbank 27 | Rx02 | -14286.6 | 5653595.9 | 61.6 | | | | | | 61.7 | | | | | |
| Springbank 28 | Rx02 | -14272.5 | 5653588.1 | 61.2 | | | | | | 61.3 | | | | | |
| Springbank 29 | Rx02 | -14252 | 5653576.7 | 61.9 | | | | | | 62.0 | | | | | |
| Springbank 30 | Rx02 | -14234.2 | 5653566.8 | 62.9 | | | | | | 63.0 | | | | | |
| Springbank 31 | Rx02 | -14205.3 | 5653552 | 62.2 | | | | | | 62.3 | | | | | |
| Springbank 32 | Rx02 | -14189.2 | 5653543.7 | 62.4 | | | | | | 62.5 | | | | | |
| Springbank 33 | Rx02 | -14162 | 5653529.8 | 62.9 | | | | | | 63.0 | | | | | |
| Springbank 34 | Rx02 | -14150 | 5653523.6 | 62.9 | | | | | | 63.0 | | | | | |
| Springbank 35 | Rx02 | -14131.8 | 5653514.3 | 61.0 | | | | | | 61.1 | | | | | |
| Springbank 36 | Rx02 | -14110.4 | 5653503.3 | 59.6 | | | | | | 59.7 | | | | | |
| Springbank 37 | Rx02 | -14084.5 | 5653490 | 61.9 | | | | | | 62.1 | | | | | |
| Springbank 38 | Rx02 | -14073.5 | 5653484.4 | 62.0 | | | | | | 62.2 | | | | | |
| Springbank 39 | Rx02 | -14062.7 | 5653478.8 | 61.9 | | | | | | 62.0 | | | | | |
| Springbank 40 | Rx02 | -14053.5 | 5653474.1 | 61.9 | | | | | | 62.1 | | | | | |
| Springbank 41 | Rx02 | -14044.1 | 5653469.3 | 62.3 | | | | | | 62.4 | | | | | |
| Springbank 42 | Rx02 | -14033.6 | 5653463.9 | 61.6 | | | | | | 61.7 | | | | | |
| Springbank 43 | Rx02 | -14024.9 | 5653459.5 | 61.6 | | | | | | 61.7 | | | | | |
| Springbank 44 | Rx02 | -14010.9 | 5653452.3 | 61.8 | | | | | | 61.9 | | | | | |
| Springbank 45 | Rx02 | -14000.3 | 5653446.9 | 62.1 | | | | | | 62.2 | | | | | |
| Springbank 46 | Rx02 | -13978 | 5653435.4 | 60.6 | | | | | | 60.7 | | | | | |
| Springbank 47 | Rx02 | -13965.4 | 5653429 | 60.5 | | | | | | 60.6 | | | | | |
| Springbank 48 | Rx02 | -13950.6 | 5653421.4 | 60.9 | | | | | | 61.1 | | | | | |
| Springbank 49 | Rx02 | -13920.2 | 5653413.9 | 62.2 | | | | | | 62.4 | | | | | |
| Springbank 50 | Rx02 | -13902.8 | 5653413.9 | 62.3 | | | | | | 62.5 | | | | | |
| Springbank 51 | Rx02 | -13892.7 | 5653413.9 | 62.2 | | | | | | 62.4 | | | | | |
| Springbank 52 | Rx02 | -13880.2 | 5653413.8 | 62.5 | | | | | | 62.7 | | | | | |
| Springbank 53 | Rx02 | -13870.5 | 5653413.8 | 62.7 | | | | | | 62.9 | | | | | |
| Springbank 54 | Rx02 | -13859.2 | 5653413.8 | 62.9 | | | | | | 63.1 | | | | | |
| Springbank 55 | Rx02 | -13847.9 | 5653413.8 | 62.8 | | | | | | 63.0 | | | | | |
| Springbank 56 | Rx02 | -13839 | 5653413.8 | 62.8 | | | | | | 63.0 | | | | | |
| Springbank 57 | Rx02 | -13826.8 | 5653413.7 | 62.6 | | | | | | 62.8 | | | | | |
| Springbank 58 | Rx02 | -13816.3 | 5653413.7 | 62.9 | | | | | | 63.2 | | | | | |
| Springbank 59 | Rx02 | -13804.8 | 5653413.7 | 62.7 | | | | | | 62.9 | | | | | |
| Springbank 60 | Rx02 | -13794.2 | 5653413.7 | 62.4 | | | | | | 62.7 | | | | | |
| Springbank 61 | Rx02 | -13782 | 5653413.6 | 62.5 | | | | | | 62.9 | | | | | |
| Springbank 62 | Rx02 | -13771.2 | 5653413.6 | 62.5 | | | | | | 62.9 | | | | | |
| Springbank 63 | Rx02 | -13760.8 | 5653413.6 | 62.6 | | | | | | 63.0 | | | | | |
| Springbank 64 | Rx02 | -13749.4 | 5653413.6 | 62.4 | | | | | | 62.8 | | | | | |

SWCRR Segment 1 Noise Prediction Results
BKL Consultants Ltd.
September 21, 2017

| Colour Key |
|---|
| 64 < Leq24 ≤ 65 |
| Leq24 > 65 |

2030 Forecast Year

| Receiver | | Coordinates | | 2030 Traffic - Mainline Trucks 8%, Cross streets and ramps 5% | | | | | | 2030 Traffic - All Roads 8.4% | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | No Mitigation | | With Mitigation TUC alignment | | With Mitigation Top of Berm alignment | | No Mitigation | | With Mitigation TUC alignment | | With Mitigation Top of Berm alignment | |
| Name | Group | Easting | Northing | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance |
| | | (m) | (m) | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA |
| Springbank 65 | Rx02 | -13737.9 | 5653413.5 | 62.9 | | | | | | 63.3 | | | | | |
| Springbank 66 | Rx02 | -13727.8 | 5653413.5 | 62.9 | | | | | | 63.4 | | | | | |
| Springbank 67 | Rx02 | -13701.9 | 5653413.5 | 62.0 | | | | | | 62.6 | | | | | |
| Springbank 68 | Rx02 | -13626.3 | 5653413.4 | 62.4 | | | | | | 63.0 | | | | | |
| Springbank 69 | Rx02 | -13562.8 | 5653413.2 | 62.6 | | | | | | 63.2 | | | | | |
| Springbank 70 | Rx02 | -13533.5 | 5653427.6 | 62.2 | | | | | | 62.9 | | | | | |
| Springbank 71 | Rx02 | -13522.3 | 5653444.3 | 61.3 | | | | | | 62.0 | | | | | |
| Springbank 72 | Rx02 | -13511.7 | 5653460.1 | 60.4 | | | | | | 61.1 | | | | | |
| Springbank 73 | Rx02 | -13499.9 | 5653477.6 | 60.5 | | | | | | 61.2 | | | | | |
| Sienna 01 | Rx03 | -13425.5 | 5653196.7 | 63.3 | | | | | | 63.6 | | | | | |
| Sienna 02 | Rx03 | -13393 | 5653160.5 | 60.2 | | | | | | 60.5 | | | | | |
| Sienna 03 | Rx03 | -13377.7 | 5653143.3 | 61.9 | | | | | | 62.1 | | | | | |
| Sienna 04 | Rx03 | -13361.9 | 5653125.7 | 61.7 | | | | | | 61.9 | | | | | |
| Sienna 05 | Rx03 | -13345.3 | 5653107.1 | 61.9 | | | | | | 62.1 | | | | | |
| Sienna 06 | Rx03 | -13319.8 | 5653078.7 | 61.2 | | | | | | 61.4 | | | | | |
| Sienna 07 | Rx03 | -13304.4 | 5653061.4 | 61.7 | | | | | | 61.9 | | | | | |
| Sienna 08 | Rx03 | -13288.9 | 5653044.1 | 62.3 | | | | | | 62.5 | | | | | |
| Sienna 09 | Rx03 | -13274.3 | 5653027.8 | 63.0 | | | | | | 63.2 | | | | | |
| Sienna 10 | Rx03 | -13249 | 5652999.5 | 63.0 | | | | | | 63.2 | | | | | |
| Sienna 11 | Rx03 | -13157.6 | 5652911.5 | 61.7 | | | | | | 61.8 | | | | | |
| Sienna 12 | Rx03 | -13135.9 | 5652899.3 | 60.4 | | | | | | 60.6 | | | | | |
| Sienna 13 | Rx03 | -13122.1 | 5652891.6 | 60.0 | | | | | | 60.2 | | | | | |
| Sienna 14 | Rx03 | -13110.3 | 5652885.3 | 60.3 | | | | | | 60.4 | | | | | |
| Sienna 15 | Rx03 | -13099.6 | 5652879.5 | 60.4 | | | | | | 60.6 | | | | | |
| Sienna 16 | Rx03 | -13090.3 | 5652874.6 | 60.7 | | | | | | 60.8 | | | | | |
| Sienna 17 | Rx03 | -13078.8 | 5652868.7 | 61.9 | | | | | | 62.1 | | | | | |
| Sienna 18 | Rx03 | -13066.1 | 5652862.3 | 62.0 | | | | | | 62.1 | | | | | |
| Sienna 19 | Rx03 | -13053.8 | 5652856.1 | 61.1 | | | | | | 61.3 | | | | | |
| Sienna 20 | Rx03 | -13033.2 | 5652846 | 58.6 | | | | | | 58.8 | | | | | |
| Sienna 21 | Rx03 | -13020.7 | 5652840 | 58.6 | | | | | | 58.8 | | | | | |
| Sienna 22 | Rx03 | -12998.7 | 5652829.8 | 59.4 | | | | | | 59.6 | | | | | |
| Sienna 23 | Rx03 | -12981.9 | 5652822.3 | 59.0 | | | | | | 59.1 | | | | | |
| Sienna 24 | Rx03 | -12961.3 | 5652813.2 | 59.2 | | | | | | 59.3 | | | | | |
| Sienna 25 | Rx03 | -12945.2 | 5652806.3 | 58.6 | | | | | | 58.7 | | | | | |
| Sienna 26 | Rx03 | -12932.1 | 5652800.8 | 57.8 | | | | | | 57.9 | | | | | |
| Sienna 27 | Rx03 | -12914.3 | 5652793.5 | 59.0 | | | | | | 59.1 | | | | | |
| Sienna 28 | Rx03 | -12888.7 | 5652783.5 | 60.6 | | | | | | 60.7 | | | | | |
| Sienna 29 | Rx03 | -12873.9 | 5652777.8 | 60.7 | | | | | | 60.8 | | | | | |
| Sienna 30 | Rx03 | -12840.1 | 5652765.4 | 60.5 | | 60.5 | | 60.5 | | 60.6 | | 60.6 | | 60.6 | |
| Sienna 31 | Rx03 | -12818.1 | 5652757.7 | 59.2 | | 59.0 | | 59.0 | | 59.4 | | 59.2 | | 59.2 | |
| Sienna 32 | Rx03 | -12800.7 | 5652751.9 | 61.4 | | 59.6 | | 59.6 | | 61.5 | | 59.8 | | 59.8 | |
| Sienna 33 | Rx03 | -12778.1 | 5652744.5 | 61.4 | | 58.5 | | 58.5 | | 61.5 | | 58.7 | | 58.7 | |
| Sienna 34 | Rx03 | -12745.5 | 5652734.4 | 59.1 | | 58.8 | | 58.8 | | 59.3 | | 58.9 | | 59.0 | |
| Sienna 35 | Rx03 | -12718.5 | 5652726.6 | 59.0 | | 59.0 | | 59.1 | | 59.2 | | 59.2 | | 59.3 | |
| Sienna 36 | Rx03 | -12698.4 | 5652721 | 59.4 | | 59.4 | | 59.4 | | 59.6 | | 59.6 | | 59.6 | |
| Sienna 37 | Rx03 | -12671.2 | 5652713.7 | 61.6 | | 61.7 | | 61.7 | | 61.8 | | 61.8 | | 61.9 | |
| Sienna 38 | Rx03 | -12656.3 | 5652709.9 | 62.1 | | 62.2 | | 61.8 | | 62.3 | | 62.4 | | 62.0 | |
| Sienna 39 | Rx03 | -12635.3 | 5652704.8 | 65.0 | | 61.5 | | 63.1 | | 65.2 | 0.2 | 61.7 | | 63.2 | |
| Sienna 40 | Rx03 | -12616.4 | 5652700.5 | 66.1 | 1.1 | 62.1 | | 61.1 | | 66.3 | 1.3 | 62.3 | | 61.3 | |
| Sienna 41 | Rx03 | -12593.2 | 5652695.3 | 64.5 | | 59.2 | | 58.4 | | 64.7 | | 59.4 | | 58.6 | |
| Sienna 42 | Rx03 | -12577.4 | 5652692 | 64.6 | | 59.7 | | 58.4 | | 64.8 | | 60.0 | | 58.7 | |
| Sienna 43 | Rx03 | -12561.7 | 5652688.8 | 64.9 | | 60.4 | | 59.1 | | 65.1 | 0.1 | 60.7 | | 59.4 | |
| Sienna 44 | Rx03 | -12544.7 | 5652685.6 | 66.8 | 1.8 | 61.3 | | 61.5 | | 67.0 | 2.0 | 61.6 | | 61.7 | |
| Sienna 45 | Rx03 | -12522.8 | 5652681.6 | 67.9 | 2.9 | 62.5 | | 62.7 | | 68.1 | 3.1 | 62.8 | | 63.0 | |
| Sienna 46 | Rx03 | -12502.6 | 5652678.2 | 67.5 | 2.5 | 61.2 | | 61.3 | | 67.7 | 2.7 | 61.5 | | 61.6 | |
| Sienna 47 | Rx03 | -12469 | 5652672.9 | 66.9 | 1.9 | 60.9 | | 61.0 | | 67.2 | 2.2 | 61.2 | | 61.3 | |
| Sienna 48 | Rx03 | -12434.6 | 5652668 | 67.3 | 2.3 | 60.9 | | 60.9 | | 67.7 | 2.7 | 61.3 | | 61.3 | |
| Sienna 49 | Rx03 | -12416.9 | 5652665.7 | 66.7 | 1.7 | 60.7 | | 60.7 | | 67.2 | 2.2 | 61.1 | | 61.1 | |
| Sienna 50 | Rx03 | -12396.1 | 5652663.2 | 66.1 | 1.1 | 60.8 | | 60.8 | | 66.6 | 1.6 | 61.2 | | 61.2 | |
| Sienna 51 | Rx03 | -12343.9 | 5652657.6 | 64.8 | | 64.8 | | 64.8 | | 65.3 | 0.3 | 60.9 | | 60.9 | |
| Sienna 52 | Rx03 | -12299.2 | 5652653.7 | 64.1 | | 64.1 | | 64.1 | | 64.6 | | 64.6 | | 64.6 | |
| Glanmorgan 01 | Rx04 | -11524.3 | 5653153.2 | 71.1 | 6.1 | Mitigation provided by existing berm | | | | 71.8 | 6.8 | Mitigation provided by existing berm | | | |
| Glanmorgan 01a | Rx04 | -11502.6 | 5653153.1 | 60.2 | | | | | | 60.9 | | | | | |
| Glanmorgan 02 | Rx04 | -11524.4 | 5653105.1 | 70.9 | 5.9 | | | | | 71.6 | 6.6 | | | | |
| Glanmorgan 02a | Rx04 | -11501.9 | 5653104.8 | 62.9 | | | | | | 63.6 | | | | | |
| Glanmorgan 03 | Rx04 | -11524.4 | 5653054.5 | 70.9 | 5.9 | | | | | 71.6 | 6.6 | | | | |
| Glanmorgan 03a | Rx04 | -11501.2 | 5653067.3 | 62.5 | | | | | | 63.2 | | | | | |
| Glanmorgan 04 | Rx04 | -11524.5 | 5652996.3 | 70.3 | 5.3 | | | | | 71.0 | 6.0 | | | | |
| Glanmorgan 04a | Rx04 | -11502.3 | 5652996.5 | 59.6 | | | | | | 60.3 | | | | | |
| Glanmorgan 05 | Rx04 | -11524.6 | 5652944.2 | 69.8 | 4.8 | | | | | 70.5 | 5.5 | | | | |
| Glanmorgan 05a | Rx04 | -11502.7 | 5652944.2 | 60.9 | | | | | | 61.6 | | | | | |
| Glanmorgan 06 | Rx04 | -11524.7 | 5652898 | 69.8 | 4.8 | | | | | 70.5 | 5.5 | | | | |
| Glanmorgan 06a | Rx04 | -11499.5 | 5652898.7 | 60.2 | | | | | | 60.8 | | | | | |
| Glanmorgan 07 | Rx04 | -11523.6 | 5652827.8 | 70.2 | 5.2 | | | | | 70.9 | 5.9 | | | | |
| Glanmorgan 07a | Rx04 | -11499.9 | 5652827.6 | 61.3 | | | | | | 61.9 | | | | | |
| Glanmorgan 08 | Rx04 | -11518.4 | 5652795.3 | 70.2 | 5.1 | | | | | 70.9 | 5.9 | | | | |
| Glanmorgan 08a | Rx04 | -11497.9 | 5652795.5 | 60.9 | | | | | | 61.6 | | | | | |
| Glanmorgan 09 | Rx04 | -11493 | 5652729.8 | 68.0 | 3.0 | | | | | 68.7 | 3.7 | | | | |
| Glanmorgan 09a | Rx04 | -11480.4 | 5652741.5 | 62.8 | | | | | | 63.4 | | | | | |
| Glanmorgan 10 | Rx04 | -11447.4 | 5652730.7 | 63.4 | | 63.4 | | One alignment only | | 64.1 | | 64.1 | | One alignment only | |
| Glanmorgan 11 | Rx04 | -11409.9 | 5652730.4 | 62.0 | | 62.0 | | | | 62.6 | | 62.7 | | | |
| Glanmorgan 12 | Rx04 | -11340.3 | 5652717.1 | 59.7 | | 59.8 | | | | 60.4 | | 60.4 | | | |
| Glanmorgan 13 | Rx04 | -11303.4 | 5652717 | 59.5 | | 59.5 | | | | 60.2 | | 60.2 | | | |
| Glanmorgan 14 | Rx04 | -11271.6 | 5652717 | 58.1 | | 58.2 | | | | 58.7 | | 58.8 | | | |
| Glanmorgan 15 | Rx04 | -11244.6 | 5652717 | 57.4 | | 57.4 | | | | 58.0 | | 58.0 | | | |
| Glanmorgan 16 | Rx04 | -11178.5 | 5652535.4 | 67.6 | 2.6 | 62.7 | | | | 68.3 | 3.3 | 63.4 | | | |
| Glanmorgan 16a | Rx04 | -11176.6 | 5652572.6 | 64.0 | | 63.4 | | | | 64.7 | | 64.1 | | | |
| Glanmorgan 17 | Rx04 | -11104 | 5652534.9 | 68.3 | 3.3 | 63.5 | | | | 69.0 | 4.0 | 64.2 | | | |
| Glanmorgan 17a | Rx04 | -11104.9 | 5652575.2 | 65.0 | | 64.3 | | | | 65.7 | 0.7 | 65.0 | | | |
| Glanmorgan 18 | Rx04 | -10975.8 | 5652672.9 | 60.5 | | 60.2 | | | | 61.0 | | 60.8 | | | |
| Glanmorgan 19 | Rx04 | -10955.9 | 5652672.8 | 60.5 | | 60.1 | | | | 61.0 | | 60.6 | | | |
| Glanmorgan 20 | Rx04 | -10940.5 | 5652672.8 | 60.3 | | 59.9 | | | | 60.8 | | 60.5 | | | |
| Glanmorgan 21 | Rx04 | -10925.4 | 5652672.8 | 60.0 | | 59.4 | | | | 60.6 | | 60.0 | | | |
| Glanmorgan 22 | Rx04 | -10912.5 | 5652672.7 | 59.7 | | 59.1 | | | | 60.2 | | 59.7 | | | |
| Glanmorgan 23 | Rx04 | -10897.5 | 5652672.7 | 59.4 | | 58.7 | | | | 59.9 | | 59.2 | | | |
| Glanmorgan 24 | Rx04 | -10871.6 | 5652672.6 | 59.0 | | 58.2 | | | | 59.4 | | 58.6 | | | |
| Glanmorgan 25 | Rx04 | -10854.8 | 5652672.6 | 58.4 | | 57.5 | | | | 58.9 | | 57.9 | | | |
| Glanmorgan 26 | Rx04 | -10779.2 | 5652663.5 | 57.7 | | 56.4 | | | | 58.1 | | 56.8 | | | |
| Glanmorgan 27 | Rx04 | -10692.8 | 5652533.2 | 65.8 | 0.8 | 63.8 | | | | 65.9 | 0.9 | 64.0 | | | |
| Glanmorgan 28 | Rx04 | -10654 | 5652533.1 | 58.1 | | 58.1 | | | | 58.3 | | 58.3 | | | |
| Glanmorgan 29 | Rx04 | -10610.9 | 5652545.8 | 60.0 | | 60.0 | | | | 60.2 | | 60.2 | | | |
| Glanmorgan 30 | Rx04 | -10567.6 | 5652545.6 | 59.7 | | 59.7 | | | | 59.9 | | 59.9 | | | |
| Glanmorgan 31 | Rx04 | -10523.1 | 5652545.6 | 58.9 | | 58.9 | | | | 59.1 | | 59.1 | | | |
| Glanmorgan 32 | Rx04 | -10479.2 | 5652545.2 | 59.0 | | 59.0 | | | | 59.3 | | 59.3 | | | |
| Glanmorgan 33 | Rx04 | -10440.1 | 5652545 | 60.1 | | 60.1 | | | | 60.4 | | 60.4 | | | |
| Glanmorgan 34 | Rx04 | -10422.3 | 5652545 | 60.2 | | 60.1 | | | | 60.5 | | 60.4 | | | |
| Glanmorgan 35 | Rx04 | -10409.4 | 5652544.9 | 60.3 | | 60.2 | | | | 60.5 | | 60.5 | | | |
| Glanmorgan 36 | Rx04 | -10392.6 | 5652544.9 | 60.9 | | 60.8 | | | | 61.1 | | 61.1 | | | |
| Glanmorgan 37 | Rx04 | -10376.5 | 5652544.8 | 61.5 | | 61.5 | | | | 61.8 | | 61.8 | | | |

SWCRR Segment 1 Noise Prediction Results
BKL Consultants Ltd.
September 21, 2017

Colour Key
64 < Leq24 ≤ 65
Leq24 > 65

2030 Forecast Year

| Receiver | | Coordinates | | 2030 Traffic - Mainline Trucks 8%, Cross streets and ramps 5% | | | | | | 2030 Traffic - All Roads 8.4% | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | No Mitigation | | With Mitigation TUC alignment | | With Mitigation Top of Berm alignment | | No Mitigation | | With Mitigation TUC alignment | | With Mitigation Top of Berm alignment | |
| Name | Group | Easting | Northing | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance |
| | | (m) | (m) | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA |
| Glanmorgan 38 | Rx04 | -10357.3 | 5652544.6 | 60.4 | | 60.3 | | | | 60.6 | | 60.6 | | | |
| Glanmorgan 39 | Rx04 | -10339.5 | 5652544.6 | 60.2 | | 60.1 | | | | 60.5 | | 60.4 | | | |
| Glanmorgan 40 | Rx04 | -10313.8 | 5652544.4 | 60.6 | | 60.5 | | | | 60.9 | | 60.8 | | | |
| Glanmorgan 41 | Rx04 | -10300 | 5652544.3 | 61.3 | | 61.1 | | 61.3 | | 61.6 | | 61.4 | | 61.4 | |
| Glanmorgan 42 | Rx04 | -10279.6 | 5652544.3 | 62.6 | | 62.2 | | 62.5 | | 62.9 | | 62.5 | | 62.4 | |
| Glanmorgan 43 | Rx04 | -10262.4 | 5652544.2 | 62.9 | | 61.7 | | 62.7 | | 63.2 | | 62.0 | | 62.1 | |
| Glanmorgan 44 | Rx04 | -10242.3 | 5652544.1 | 65.4 | 0.4 | 62.0 | | 63.5 | | 65.8 | 0.8 | 62.4 | | 62.5 | |
| Glanmorgan 45 | Rx04 | -10193.1 | 5652546 | 67.7 | 2.7 | 63.3 | | 64.3 | | 68.1 | 3.1 | 63.7 | | 63.0 | |
| Glanmorgan 46 | Rx04 | -10133.1 | 5652555.7 | 65.7 | 0.7 | 63.0 | | 63.0 | | 66.1 | 1.1 | 63.4 | | 62.5 | |
| Glanmorgan 46a | Rx04 | -10131.6 | 5652575.6 | 64.6 | | 62.6 | | 62.2 | | 65.1 | 0.1 | 63.1 | | 62.0 | |
| Glanmorgan 47 | Rx04 | -10065.9 | 5652566.2 | 63.3 | | 61.2 | | 62.7 | | 63.9 | | 61.9 | | 63.1 | |
| Glanmorgan 47a | Rx04 | -10068 | 5652589.1 | 64.2 | | 62.3 | | 62.9 | | 64.8 | | 62.8 | | 63.2 | |
| Glanmorgan 48 | Rx04 | -9957.2 | 5652648.4 | 61.2 | | 60.6 | | 60.3 | | 62.1 | | 61.5 | | 61.1 | |
| Glanmorgan 48a | Rx04 | -9977.7 | 5652657.9 | 62.3 | | 61.5 | | 61.3 | | 63.3 | | 62.5 | | 62.2 | |
| Glanmorgan 49 | Rx04 | -9932.8 | 5652684.2 | 65.3 | 0.3 | 61.8 | | 61.5 | | 66.5 | 1.5 | 62.6 | | 62.3 | |
| Glanmorgan 49a | Rx04 | -9950.7 | 5652686 | 63.2 | | 61.3 | | 61.2 | | 64.2 | | 62.3 | | 62.2 | |
| Glanmorgan 50 | Rx04 | -9930.3 | 5652734.9 | 65.6 | 0.5 | 64.0 | | 63.8 | | 66.7 | 1.7 | 65.0 | | 64.8 | |
| Glanmorgan 50a | Rx04 | -9948.4 | 5652730.6 | 62.4 | | 61.0 | | 61.0 | | 63.5 | | 62.1 | | 62.1 | |
| Lakeview 01 | RX05 | -9884.3 | 5651686.8 | 50.5 | | | | | | 51.3 | | | | | |
| Lakeview 02 | RX05 | -9884.2 | 5651703 | 50.4 | | | | | | 51.2 | | | | | |
| Lakeview 03 | RX05 | -9884.2 | 5651723.5 | 50.4 | | | | | | 51.2 | | | | | |
| Lakeview 04 | RX05 | -9884.1 | 5651738.4 | 51.4 | | | | | | 52.2 | | | | | |
| Lakeview 05 | RX05 | -9884 | 5651755.9 | 51.6 | | | | | | 52.5 | | | | | |
| Lakeview 06 | RX05 | -9884 | 5651775.8 | 52.1 | | | | | | 52.9 | | | | | |
| Lakeview 07 | RX05 | -9883.9 | 5651794 | 53.0 | | | | | | 53.8 | | | | | |
| Lakeview 08 | RX05 | -9883.8 | 5651813.2 | 53.1 | | | | | | 53.9 | | | | | |
| Lakeview 09 | RX05 | -9883.8 | 5651830.2 | 54.0 | | | | | | 54.9 | | | | | |
| Lakeview 10 | RX05 | -9883.7 | 5651847.3 | 54.7 | | | | | | 55.7 | | | | | |
| Lakeview 11 | RX05 | -9883.7 | 5651864.4 | 53.9 | | | | | | 54.8 | | | | | |
| Lakeview 12 | RX05 | -9883.6 | 5651885.4 | 54.4 | | | | | | 55.4 | | | | | |
| Lakeview 13 | RX05 | -9883.5 | 5651901.5 | 55.3 | | | | | | 56.2 | | | | | |
| Lakeview 14 | RX05 | -9883.5 | 5651918.1 | 55.8 | | | | | | 56.7 | | | | | |
| Lakeview 15 | RX05 | -9883.4 | 5651935.8 | 56.1 | | | | | | 57.0 | | | | | |
| Lakeview 16 | RX05 | -9883.3 | 5651955.6 | 56.0 | | | | | | 57.0 | | | | | |
| Lakeview 17 | RX05 | -9883.3 | 5651973.5 | 56.7 | | | | | | 57.6 | | | | | |
| Lakeview 18 | RX05 | -9883.2 | 5651990.3 | 56.6 | | | | | | 57.5 | | | | | |
| Lakeview 19 | Rx05 | -9883.1 | 5652031.4 | 58.0 | | | | | | 58.9 | | | | | |
| Lakeview 20 | Rx05 | -9883 | 5652044.6 | 58.1 | | | | | | 59.0 | | | | | |
| Lakeview 21 | Rx05 | -9883 | 5652068 | 58.5 | | | | | | 59.4 | | | | | |
| Lakeview 22 | Rx05 | -9882.9 | 5652085 | 58.6 | | | | | | 59.6 | | | | | |
| Lakeview 23 | Rx05 | -9882.8 | 5652107.5 | 59.5 | | | | | | 60.5 | | | | | |
| Lakeview 24 | Rx05 | -9882.8 | 5652124.5 | 59.4 | | | | | | 60.5 | | | | | |
| Lakeview 25 | Rx05 | -9882.7 | 5652149.2 | 60.6 | | | | | | 61.7 | | | | | |
| Lakeview 26 | Rx05 | -9882.7 | 5652164.9 | 61.0 | | | | | | 62.1 | | | | | |
| Lakeview 27 | Rx05 | -9882.6 | 5652183.2 | 61.2 | | | | | | 62.3 | | | | | |
| Lakeview 28 | Rx05 | -9882.5 | 5652203.7 | 62.2 | | | | | | 63.3 | | | | | |
| Lakeview 29 | Rx05 | -9882.5 | 5652222.3 | 62.6 | | | | | | 63.7 | | | | | |
| Lakeview 30 | Rx05 | -9882.4 | 5652237.4 | 62.9 | | | | | | 64.0 | | | | | |
| Lakeview 31 | Rx05 | -9882.4 | 5652257.3 | 63.7 | | 63.7 | | 63.7 | | 64.8 | | 64.9 | | 64.9 | |
| Lakeview 32 | Rx05 | -9869.6 | 5652302 | 63.0 | | 63.0 | | 63.0 | | 64.1 | | 64.2 | | 64.2 | |
| Lakeview 33 | Rx05 | -9869.2 | 5652383.4 | 64.0 | | 64.1 | | 64.1 | | 65.1 | 0.1 | 63.3 | | 63.2 | |
| Lakeview 34 | Rx05 | -9856.3 | 5652396.5 | 65.2 | 0.2 | 63.6 | | 64.2 | | 66.1 | 1.1 | 63.1 | | 63.0 | |
| Lakeview 35 | Rx05 | -9800.3 | 5652396.2 | 65.1 | 0.1 | 60.3 | | 61.8 | | 65.8 | 0.8 | 60.9 | | 60.7 | |
| Lakeview 36 | Rx05 | -9749.8 | 5652396.1 | 65.4 | 0.4 | 61.9 | | 62.1 | | 65.8 | 0.8 | 62.3 | | 61.3 | |
| Lakeview 37 | Rx05 | -9710.4 | 5652395.9 | 67.3 | 2.3 | 63.5 | | 64.1 | | 67.6 | 2.6 | 63.8 | | 63.6 | |
| Lakeview 38 | Rx05 | -9671.8 | 5652382.9 | 66.5 | 1.5 | 61.2 | | 64.0 | | 66.8 | 1.8 | 61.8 | | 63.6 | |
| Lakeview 39 | Rx05 | -9596.9 | 5652299.8 | 63.4 | | 63.0 | | 63.1 | | 63.5 | | 63.2 | | 63.1 | |
| Lakeview 40 | Rx05 | -9584.6 | 5652280 | 64.5 | | 64.4 | | 64.4 | | 64.6 | | 64.5 | | 64.5 | |
| Lakeview 41 | Rx05 | -9577.3 | 5652259.7 | 63.3 | | 63.2 | | 63.2 | | 63.4 | | 63.3 | | 63.3 | |
| Lakeview 42 | Rx05 | -9574.6 | 5652242.8 | 63.1 | | 63.0 | | 63.0 | | 63.2 | | 63.1 | | 63.1 | |
| Lakeview 43 | Rx05 | -9572 | 5652226.9 | 62.5 | | 62.4 | | 62.5 | | 62.6 | | 62.5 | | 62.5 | |
| Lakeview 44 | Rx05 | -9569.5 | 5652211.4 | 62.0 | | 61.9 | | 61.9 | | 62.1 | | 62.0 | | 62.0 | |
| Lakeview 45 | Rx05 | -9564.9 | 5652185.8 | 61.8 | | 61.8 | | 61.8 | | 61.9 | | 61.9 | | 61.9 | |
| Lakeview 46 | Rx05 | -9562.5 | 5652170.2 | 62.6 | | 62.6 | | 62.6 | | 62.7 | | 62.7 | | 62.7 | |
| Lakeview 47 | Rx05 | -9559.9 | 5652153.8 | 60.9 | | 60.8 | | 60.8 | | 61.0 | | 60.9 | | 60.9 | |
| Lakeview 48 | Rx05 | -9532.2 | 5652145.1 | 59.6 | | 59.5 | | 59.5 | | 59.7 | | 59.7 | | 59.7 | |
| Lakeview 49 | Rx05 | -9497.4 | 5652151.1 | 62.3 | | 62.3 | | 62.3 | | 62.4 | | 62.4 | | 62.4 | |
| Lakeview 50 | Rx05 | -9471.6 | 5652145.4 | 62.8 | | 62.8 | | 62.8 | | 62.9 | | 62.9 | | 62.9 | |
| Lakeview 51 | Rx05 | -9457.9 | 5652125.9 | 63.7 | | 63.7 | | 63.7 | | 63.7 | | 63.8 | | 63.8 | |
| Lincoln 01 | Rx05 | -9862 | 5652865.7 | 61.0 | | | | | | 62.0 | | | | | |
| Lincoln 02 | Rx05 | -9861.5 | 5652812 | 62.8 | | | | | | 63.9 | | | | | |
| Lincoln 03 | Rx05 | -9860.3 | 5652782.6 | 62.3 | | | | | | 63.3 | | | | | |
| Lincoln 04 | Rx05 | -9857.1 | 5652744.4 | 62.3 | | | | | | 63.3 | | | | | |
| Lincoln 05 | Rx05 | -9857.5 | 5652715.6 | 61.0 | | | | | | 62.1 | | | | | |
| Lincoln 06 | Rx05 | -9856.8 | 5652694.4 | 62.9 | | | | | | 64.0 | | | | | |
| Lincoln 07 | Rx05 | -9855.6 | 5652664.4 | 62.9 | | | | | | 64.0 | | | | | |
| Lincoln 08 | Rx05 | -9844.7 | 5652637.5 | 62.5 | | | | | | 63.5 | | | | | |
| Lincoln 09 | Rx05 | -9718.2 | 5652609 | 57.2 | | | | | | 57.8 | | | | | |
| Lincoln 10 | Rx05 | -9669.4 | 5652604.9 | 57.9 | | | | | | 58.2 | | | | | |
| Lincoln 11 | Rx05 | -9420.1 | 5652406.2 | 62.9 | | 63.0 | | 60.8 | | 63.0 | | 63.1 | | 61.1 | |
| Lincoln 12 | Rx05 | -9411.3 | 5652361.7 | 64.0 | | 62.1 | | 60.4 | | 64.2 | | 59.7 | | 60.6 | |
| Lincoln 13 | Rx05 | -9399.9 | 5652303.7 | 65.4 | 0.4 | 64.1 | | 63.2 | | 65.5 | 0.5 | 61.4 | | 63.3 | |

SWCRR Segment 1 Noise Prediction Results
BKL Consultants Ltd.
February 2018

| Colour Key |
|---|
| 64 < Leq24 ≤ 65 |
| Leq24 > 65 |

2025 Forecast Year

| Receiver | | Coordinates | | 2025 Traffic - Mainline Trucks 8%, Cross streets and ramps 5% | | | | | | 2025 Traffic - All Roads 8.4% | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | No Mitigation | | With Mitigation TUC alignment | | With Mitigation Top of Berm alignment | | No Mitigation | | With Mitigation TUC alignment | | With Mitigation Top of Berm alignment | |
| Name | ID | Easting | Northing | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance |
| | | (m) | (m) | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA |
| Discovery 001 | Rx01 | -16304.8 | 5653660.7 | 55.4 | | No mitigation required | | | | 55.5 | | No mitigation required | | | |
| Discovery 002 | Rx01 | -16291.5 | 5653663.7 | 55.6 | | | | | | 55.7 | | | | | |
| Discovery 003 | Rx01 | -16276.7 | 5653667 | 55.7 | | | | | | 55.8 | | | | | |
| Discovery 004 | Rx01 | -16265.3 | 5653669.6 | 55.5 | | | | | | 55.6 | | | | | |
| Discovery 005 | Rx01 | -16249.3 | 5653673.1 | 55.1 | | | | | | 55.2 | | | | | |
| Discovery 006 | Rx01 | -16235.8 | 5653676.1 | 54.8 | | | | | | 54.9 | | | | | |
| Discovery 007 | Rx01 | -16222.4 | 5653679.2 | 55.1 | | | | | | 55.1 | | | | | |
| Discovery 008 | Rx01 | -16208 | 5653682.4 | 55.0 | | | | | | 55.0 | | | | | |
| Discovery 009 | Rx01 | -16193.6 | 5653685.6 | 54.7 | | | | | | 54.7 | | | | | |
| Discovery 010 | Rx01 | -16181.3 | 5653688.3 | 54.6 | | | | | | 54.7 | | | | | |
| Discovery 011 | Rx01 | -16167.4 | 5653691.5 | 55.2 | | | | | | 55.3 | | | | | |
| Discovery 012 | Rx01 | -16154.2 | 5653694.4 | 54.6 | | | | | | 54.7 | | | | | |
| Discovery 013 | Rx01 | -16140.3 | 5653697.5 | 55.1 | | | | | | 55.2 | | | | | |
| Discovery 014 | Rx01 | -16127.1 | 5653700.5 | 55.0 | | | | | | 55.1 | | | | | |
| Discovery 015 | Rx01 | -16112.7 | 5653703.7 | 55.6 | | | | | | 55.6 | | | | | |
| Discovery 016 | Rx01 | -16097.3 | 5653707.1 | 55.0 | | | | | | 55.1 | | | | | |
| Discovery 017 | Rx01 | -16084.2 | 5653710.1 | 55.0 | | | | | | 55.1 | | | | | |
| Discovery 018 | Rx01 | -16066.6 | 5653714 | 55.3 | | | | | | 55.4 | | | | | |
| Discovery 019 | Rx01 | -16041.5 | 5653719.6 | 54.5 | | | | | | 54.5 | | | | | |
| Discovery 020 | Rx01 | -16011.5 | 5653726.3 | 55.1 | | | | | | 55.2 | | | | | |
| Discovery 021 | Rx01 | -15982.9 | 5653732.7 | 54.6 | | | | | | 54.7 | | | | | |
| Discovery 022 | Rx01 | -15954.1 | 5653739.1 | 54.2 | | | | | | 54.3 | | | | | |
| Discovery 023 | Rx01 | -15929.5 | 5653744.6 | 53.7 | | | | | | 53.8 | | | | | |
| Discovery 024 | Rx01 | -15901.4 | 5653750.9 | 51.7 | | | | | | 51.8 | | | | | |
| Discovery 025 | Rx01 | -15874.9 | 5653756.8 | 51.0 | | | | | | 51.1 | | | | | |
| Discovery 026 | Rx01 | -15761.9 | 5653782.1 | 46.8 | | | | | | 46.9 | | | | | |
| Discovery 027 | Rx01 | -15693.9 | 5653797.3 | 51.3 | | | | | | 51.4 | | | | | |
| Discovery 028 | Rx01 | -15679.5 | 5653800.5 | 53.4 | | | | | | 53.5 | | | | | |
| Discovery 029 | Rx01 | -15666.8 | 5653803.4 | 53.3 | | | | | | 53.4 | | | | | |
| Discovery 030 | Rx01 | -15650 | 5653807.1 | 53.8 | | | | | | 53.8 | | | | | |
| Discovery 031 | Rx01 | -15637.8 | 5653809.9 | 53.5 | | | | | | 53.6 | | | | | |
| Discovery 032 | Rx01 | -15618.1 | 5653814.3 | 52.5 | | | | | | 52.6 | | | | | |
| Discovery 033 | Rx01 | -15600 | 5653812.6 | 53.2 | | | | | | 53.3 | | | | | |
| Discovery 034 | Rx01 | -15586.1 | 5653810.3 | 54.0 | | | | | | 54.1 | | | | | |
| Discovery 035 | Rx01 | -15571.7 | 5653808 | 54.5 | | | | | | 54.6 | | | | | |
| Discovery 036 | Rx01 | -15556.8 | 5653805.7 | 55.0 | | | | | | 55.1 | | | | | |
| Discovery 037 | Rx01 | -15542.7 | 5653803.4 | 55.6 | | | | | | 55.7 | | | | | |
| Discovery 038 | Rx01 | -15527 | 5653800.9 | 56.1 | | | | | | 56.2 | | | | | |
| Discovery 039 | Rx01 | -15515.3 | 5653799 | 56.2 | | | | | | 56.3 | | | | | |
| Discovery 040 | Rx01 | -15501.5 | 5653796.8 | 56.2 | | | | | | 56.3 | | | | | |
| Discovery 041 | Rx01 | -15487.3 | 5653794.6 | 56.2 | | | | | | 56.3 | | | | | |
| Discovery 042 | Rx01 | -15473.5 | 5653792.4 | 56.3 | | | | | | 56.4 | | | | | |
| Discovery 043 | Rx01 | -15459.7 | 5653790.2 | 55.7 | | | | | | 55.8 | | | | | |
| Discovery 044 | Rx01 | -15446.9 | 5653788.1 | 55.9 | | | | | | 56.0 | | | | | |
| Discovery 045 | Rx01 | -15433.6 | 5653786 | 56.0 | | | | | | 56.1 | | | | | |
| Discovery 046 | Rx01 | -15419.2 | 5653783.7 | 55.8 | | | | | | 55.9 | | | | | |
| Discovery 047 | Rx01 | -15404.5 | 5653781.4 | 55.3 | | | | | | 55.4 | | | | | |
| Discovery 048 | Rx01 | -15389.7 | 5653779 | 54.4 | | | | | | 54.5 | | | | | |
| Discovery 049 | Rx01 | -15375.5 | 5653776.7 | 53.5 | | | | | | 53.6 | | | | | |
| Discovery 050 | Rx01 | -15365.6 | 5653775.1 | 54.2 | | | | | | 54.2 | | | | | |
| Discovery 051 | Rx01 | -15345 | 5653771.9 | 56.1 | | | | | | 56.2 | | | | | |
| Discovery 052 | Rx01 | -15334.4 | 5653770.2 | 56.4 | | | | | | 56.5 | | | | | |
| Discovery 053 | Rx01 | -15320.8 | 5653768 | 56.1 | | | | | | 56.2 | | | | | |
| Discovery 054 | Rx01 | -15308.9 | 5653766.1 | 55.6 | | | | | | 55.7 | | | | | |
| Discovery 055 | Rx01 | -15292.1 | 5653763.4 | 53.1 | | | | | | 53.2 | | | | | |
| Discovery 056 | Rx01 | -15277.9 | 5653761.1 | 52.7 | | | | | | 52.8 | | | | | |
| Discovery 057 | Rx01 | -15265.2 | 5653759.1 | 52.9 | | | | | | 53.0 | | | | | |
| Discovery 058 | Rx01 | -15246.6 | 5653756.1 | 52.4 | | | | | | 52.5 | | | | | |
| Discovery 059 | Rx01 | -15234.8 | 5653754.3 | 52.7 | | | | | | 52.7 | | | | | |
| Discovery 060 | Rx01 | -15221.9 | 5653752.2 | 52.8 | | | | | | 52.9 | | | | | |
| Discovery 061 | Rx01 | -15209.2 | 5653750.2 | 53.1 | | | | | | 53.1 | | | | | |
| Discovery 062 | Rx01 | -15196 | 5653748.1 | 53.4 | | | | | | 53.5 | | | | | |
| Discovery 063 | Rx01 | -15179 | 5653745.3 | 53.4 | | | | | | 53.4 | | | | | |
| Discovery 064 | Rx01 | -15167.4 | 5653743.5 | 53.3 | | | | | | 53.4 | | | | | |
| Discovery 065 | Rx01 | -15151.9 | 5653741 | 52.0 | | | | | | 52.1 | | | | | |
| Discovery 066 | Rx01 | -15138.2 | 5653738.8 | 52.0 | | | | | | 52.1 | | | | | |
| Discovery 067 | Rx01 | -15121.3 | 5653736.1 | 51.9 | | | | | | 52.0 | | | | | |
| Discovery 068 | Rx01 | -15109.8 | 5653734.3 | 51.7 | | | | | | 51.8 | | | | | |
| Discovery 069 | Rx01 | -15094.6 | 5653731.9 | 51.5 | | | | | | 51.6 | | | | | |
| Discovery 070 | Rx01 | -15078.8 | 5653729.3 | 51.6 | | | | | | 51.7 | | | | | |
| Discovery 071 | Rx01 | -15064 | 5653724.5 | 51.6 | | | | | | 51.7 | | | | | |
| Discovery 072 | Rx01 | -15052.7 | 5653718.5 | 51.8 | | | | | | 51.9 | | | | | |
| Discovery 073 | Rx01 | -15039.2 | 5653711 | 52.1 | | | | | | 52.2 | | | | | |
| Discovery 074 | Rx01 | -15024.9 | 5653702.9 | 51.6 | | | | | | 51.7 | | | | | |
| Discovery 075 | Rx01 | -15011.6 | 5653695.3 | 51.6 | | | | | | 51.7 | | | | | |
| Discovery 076 | Rx01 | -15000.2 | 5653688.8 | 51.4 | | | | | | 51.5 | | | | | |
| Discovery 077 | Rx01 | -14986.1 | 5653680.7 | 51.5 | | | | | | 51.6 | | | | | |
| Discovery 078 | Rx01 | -14973.6 | 5653673.6 | 51.9 | | | | | | 52.0 | | | | | |
| Discovery 079 | Rx01 | -14961.7 | 5653666.8 | 51.8 | | | | | | 51.9 | | | | | |
| Discovery 080 | Rx01 | -14951.3 | 5653660.8 | 51.8 | | | | | | 51.9 | | | | | |
| Discovery 081 | Rx01 | -14938.9 | 5653653.8 | 52.1 | | | | | | 52.2 | | | | | |
| Discovery 082 | Rx01 | -14925.1 | 5653645.9 | 52.1 | | | | | | 52.2 | | | | | |
| Discovery 083 | Rx01 | -14916.2 | 5653640.8 | 51.9 | | | | | | 52.0 | | | | | |
| Discovery 084 | Rx01 | -14905.5 | 5653634.7 | 51.7 | | | | | | 51.8 | | | | | |
| Discovery 085 | Rx01 | -14892.4 | 5653627.2 | 51.4 | | | | | | 51.5 | | | | | |
| Discovery 086 | Rx01 | -14879.1 | 5653619.7 | 52.0 | | | | | | 52.1 | | | | | |
| Discovery 087 | Rx01 | -14869.3 | 5653614.1 | 52.3 | | | | | | 52.4 | | | | | |
| Discovery 088 | Rx01 | -14856.2 | 5653606.6 | 52.6 | | | | | | 52.7 | | | | | |
| Discovery 089 | Rx01 | -14845.1 | 5653600.2 | 52.5 | | | | | | 52.6 | | | | | |
| Discovery 090 | Rx01 | -14829.8 | 5653591.5 | 53.7 | | | | | | 53.8 | | | | | |
| Discovery 091 | Rx01 | -14818.5 | 5653585.1 | 53.9 | | | | | | 54.0 | | | | | |
| Discovery 092 | Rx01 | -14807.2 | 5653578.6 | 54.0 | | | | | | 54.1 | | | | | |
| Discovery 093 | Rx01 | -14794.8 | 5653571.5 | 54.3 | | | | | | 54.4 | | | | | |
| Discovery 094 | Rx01 | -14784.1 | 5653565.4 | 54.8 | | | | | | 54.9 | | | | | |
| Discovery 095 | Rx01 | -14770.7 | 5653557.8 | 55.3 | | | | | | 55.4 | | | | | |
| Discovery 096 | Rx01 | -14757.3 | 5653550.1 | 55.5 | | | | | | 55.6 | | | | | |
| Discovery 097 | Rx01 | -14745.9 | 5653543.6 | 56.2 | | | | | | 56.3 | | | | | |
| Discovery 098 | Rx01 | -14733.6 | 5653536.6 | 56.8 | | | | | | 56.9 | | | | | |
| Discovery 099 | Rx01 | -14719.6 | 5653528.6 | 55.1 | | | | | | 55.2 | | | | | |
| Discovery 100 | Rx01 | -14706.6 | 5653521.2 | 56.1 | | | | | | 56.2 | | | | | |
| Discovery 101 | Rx01 | -14694 | 5653514 | 56.5 | | | | | | 56.6 | | | | | |
| Discovery 102 | Rx01 | -14681.6 | 5653506.9 | 56.5 | | | | | | 56.6 | | | | | |
| Discovery 103 | Rx01 | -14668.9 | 5653499.7 | 55.2 | | | | | | 55.2 | | | | | |
| Discovery 104 | Rx01 | -14658.4 | 5653493.7 | 55.0 | | | | | | 55.1 | | | | | |
| Discovery 105 | Rx01 | -14641.7 | 5653484.1 | 54.6 | | | | | | 54.7 | | | | | |
| Discovery 106 | Rx01 | -14621.5 | 5653472.6 | 55.3 | | | | | | 55.4 | | | | | |
| Discovery 107 | Rx01 | -14603.8 | 5653462.5 | 55.4 | | | | | | 55.5 | | | | | |
| Discovery 108 | Rx01 | -14434.4 | 5653365.9 | 56.9 | | | | | | 57.0 | | | | | |
| Discovery 109 | Rx01 | -14418.3 | 5653356.6 | 57.3 | | | | | | 57.4 | | | | | |
| Discovery 110 | Rx01 | -14383 | 5653336.5 | 60.0 | | | | | | 60.1 | | | | | |

SWCRR Segment 1 Noise Prediction Results
BKL Consultants Ltd.
February 2018

| Colour Key |
|---|
| 64 < Leq24 ≤ 65 |
| Leq24 > 65 |

2025 Forecast Year

| Receiver | | Coordinates | | 2025 Traffic - Mainline Trucks 8%, Cross streets and ramps 5% | | | | | | 2025 Traffic - All Roads 8.4% | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | No Mitigation | | With Mitigation TUC alignment | | With Mitigation Top of Berm alignment | | No Mitigation | | With Mitigation TUC alignment | | With Mitigation Top of Berm alignment | |
| Name | ID | Easting | Northing | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance |
| | | (m) | (m) | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA |
| Discovery 111 | Rx01 | -14362.3 | 5653324.7 | 60.4 | | | | | | 60.5 | | | | | |
| Discovery 112 | Rx01 | -14341.8 | 5653313 | 60.6 | | | | | | 60.7 | | | | | |
| Discovery 113 | Rx01 | -14321.3 | 5653301.3 | 61.0 | | | | | | 61.1 | | | | | |
| Discovery 114 | Rx01 | -14300.4 | 5653289.4 | 61.6 | | | | | | 61.7 | | | | | |
| Discovery 115 | Rx01 | -14281.4 | 5653278.5 | 61.2 | | | | | | 61.3 | | | | | |
| Discovery 116 | Rx01 | -14259 | 5653265.7 | 60.4 | | | | | | 60.5 | | | | | |
| Discovery 117 | Rx01 | -14238.2 | 5653253.9 | 59.9 | | | | | | 60.0 | | | | | |
| Discovery 118 | Rx01 | -14226.9 | 5653247.4 | 60.1 | | | | | | 60.2 | | | | | |
| Discovery 119 | Rx01 | -14215.3 | 5653240.8 | 60.2 | | | | | | 60.3 | | | | | |
| Discovery 120 | Rx01 | -14203.2 | 5653233.9 | 60.3 | | | | | | 60.4 | | | | | |
| Discovery 121 | Rx01 | -14191.6 | 5653227.2 | 60.4 | | | | | | 60.5 | | | | | |
| Discovery 122 | Rx01 | -14181.2 | 5653221.3 | 60.9 | | | | | | 61.0 | | | | | |
| Discovery 123 | Rx01 | -14168.3 | 5653214 | 60.4 | | | | | | 60.5 | | | | | |
| Discovery 124 | Rx01 | -14156.2 | 5653207 | 60.1 | | | | | | 60.2 | | | | | |
| Discovery 125 | Rx01 | -14142 | 5653198.1 | 59.8 | | | | | | 59.9 | | | | | |
| Discovery 126 | Rx01 | -14131.4 | 5653191 | 61.1 | | | | | | 61.2 | | | | | |
| Discovery 127 | Rx01 | -14119.6 | 5653182.4 | 60.9 | | | | | | 61.0 | | | | | |
| Discovery 128 | Rx01 | -14107.1 | 5653173.5 | 60.7 | | | | | | 60.8 | | | | | |
| Discovery 129 | Rx01 | -14096.6 | 5653165.9 | 59.6 | | | | | | 59.8 | | | | | |
| Discovery 130 | Rx01 | -14083.9 | 5653156.7 | 59.9 | | | | | | 60.0 | | | | | |
| Discovery 131 | Rx01 | -14069.4 | 5653146.3 | 60.1 | | | | | | 60.3 | | | | | |
| Discovery 132 | Rx01 | -14054.4 | 5653135.5 | 59.6 | | | | | | 59.7 | | | | | |
| Discovery 133 | Rx01 | -14023.7 | 5653113.5 | 57.8 | | | | | | 58.0 | | | | | |
| Discovery 134 | Rx01 | -14007.9 | 5653102.1 | 59.4 | | | | | | 59.6 | | | | | |
| Discovery 135 | Rx01 | -13995.2 | 5653093 | 60.1 | | | | | | 60.3 | | | | | |
| Discovery 136 | Rx01 | -13983.1 | 5653083.7 | 59.7 | | | | | | 59.9 | | | | | |
| Discovery 137 | Rx01 | -13973.1 | 5653073.9 | 59.1 | | | | | | 59.3 | | | | | |
| Discovery 138 | Rx01 | -13961.5 | 5653057.7 | 59.8 | | | | | | 60.0 | | | | | |
| Discovery 139 | Rx01 | -13955.8 | 5653045.5 | 60.4 | | | | | | 60.7 | | | | | |
| Discovery 140 | Rx01 | -13950.3 | 5653026.8 | 59.3 | | | | | | 59.6 | | | | | |
| Discovery 141 | Rx01 | -13948.8 | 5653012.2 | 58.9 | | | | | | 59.2 | | | | | |
| Discovery 142 | Rx01 | -13950 | 5652994 | 59.3 | | | | | | 59.6 | | | | | |
| Discovery 143 | Rx01 | -13954.1 | 5652977.6 | 58.7 | | | | | | 59.1 | | | | | |
| Discovery 144 | Rx01 | -13963.4 | 5652957.9 | 58.3 | | | | | | 58.8 | | | | | |
| Discovery 145 | Rx01 | -13970.7 | 5652947.6 | 57.3 | | | | | | 57.9 | | | | | |
| Discovery 146 | Rx01 | -13982.8 | 5652935.1 | 57.4 | | | | | | 58.0 | | | | | |
| Discovery 147 | Rx01 | -13925.8 | 5652869 | 58.0 | | | | | | 58.4 | | | | | |
| Discovery 148 | Rx01 | -13900.2 | 5652856.3 | 55.6 | | | | | | 56.1 | | | | | |
| Discovery 149 | Rx01 | -13851 | 5652871.1 | 56.7 | | | | | | 57.1 | | | | | |
| Discovery 150 | Rx01 | -13824.6 | 5652878.7 | 56.7 | | | | | | 57.2 | | | | | |
| Discovery 151 | Rx01 | -13767.2 | 5652888.6 | 60.9 | | | | | | 61.3 | | | | | |
| Discovery 152 | Rx01 | -13735.2 | 5652890.4 | 62.4 | | | | | | 62.7 | | | | | |
| Discovery 153 | Rx01 | -13703.4 | 5652889.7 | 62.3 | | | | | | 62.6 | | | | | |
| Discovery 154 | Rx01 | -13646.7 | 5652882.1 | 63.2 | | | | | | 63.5 | | | | | |
| Discovery 155 | Rx01 | -13619.7 | 5652875.4 | 63.9 | | | | | | 64.2 | | | | | |
| Springbank 01 | Rx02 | -14779.7 | 5653887.4 | 57.4 | | | | | | 57.5 | | | | | |
| Springbank 02 | Rx02 | -14745.4 | 5653853.1 | 58.6 | | | | | | 58.7 | | | | | |
| Springbank 03 | Rx02 | -14676.6 | 5653886 | 55.2 | | | | | | 55.3 | | | | | |
| Springbank 04 | Rx02 | -14666.5 | 5653869.9 | 55.7 | | | | | | 55.8 | | | | | |
| Springbank 05 | Rx02 | -14651.8 | 5653847.2 | 57.1 | | | | | | 57.1 | | | | | |
| Springbank 06 | Rx02 | -14626.8 | 5653807.9 | 59.1 | | | | | | 59.2 | | | | | |
| Springbank 07 | Rx02 | -14612 | 5653778.7 | 58.9 | | | | | | 59.0 | | | | | |
| Springbank 08 | Rx02 | -14495.9 | 5653712.7 | 61.7 | | | | | | 61.7 | | | | | |
| Springbank 09 | Rx02 | -14487 | 5653707.7 | 61.7 | | | | | | 61.8 | | | | | |
| Springbank 10 | Rx02 | -14477.4 | 5653702.3 | 61.4 | | | | | | 61.5 | | | | | |
| Springbank 11 | Rx02 | -14466.8 | 5653696.4 | 61.1 | | | | | | 61.1 | | | | | |
| Springbank 12 | Rx02 | -14457.3 | 5653691.1 | 60.6 | | | | | | 60.7 | | | | | |
| Springbank 13 | Rx02 | -14447.3 | 5653685.5 | 60.4 | | | | | | 60.5 | | | | | |
| Springbank 14 | Rx02 | -14437.6 | 5653680.1 | 60.4 | | | | | | 60.5 | | | | | |
| Springbank 15 | Rx02 | -14427.4 | 5653674.4 | 60.4 | | | | | | 60.5 | | | | | |
| Springbank 16 | Rx02 | -14417.4 | 5653668.9 | 60.3 | | | | | | 60.3 | | | | | |
| Springbank 17 | Rx02 | -14407.2 | 5653663.2 | 60.3 | | | | | | 60.4 | | | | | |
| Springbank 18 | Rx02 | -14396.5 | 5653657.2 | 60.5 | | | | | | 60.6 | | | | | |
| Springbank 19 | Rx02 | -14386.8 | 5653651.8 | 60.7 | | | | | | 60.8 | | | | | |
| Springbank 20 | Rx02 | -14376.4 | 5653646 | 60.1 | | | | | | 60.2 | | | | | |
| Springbank 21 | Rx02 | -14366.6 | 5653640.5 | 59.7 | | | | | | 59.8 | | | | | |
| Springbank 22 | Rx02 | -14358.6 | 5653636 | 59.5 | | | | | | 59.6 | | | | | |
| Springbank 23 | Rx02 | -14345.4 | 5653628.7 | 59.9 | | | | | | 59.9 | | | | | |
| Springbank 24 | Rx02 | -14328.7 | 5653619.4 | 61.1 | | | | | | 61.1 | | | | | |
| Springbank 25 | Rx02 | -14317 | 5653612.9 | 60.8 | | | | | | 60.9 | | | | | |
| Springbank 26 | Rx02 | -14300.9 | 5653603.9 | 61.4 | | | | | | 61.5 | | | | | |
| Springbank 27 | Rx02 | -14286.6 | 5653595.9 | 61.3 | | | | | | 61.3 | | | | | |
| Springbank 28 | Rx02 | -14272.5 | 5653588.1 | 60.9 | | | | | | 61.0 | | | | | |
| Springbank 29 | Rx02 | -14252 | 5653576.7 | 61.6 | | | | | | 61.7 | | | | | |
| Springbank 30 | Rx02 | -14234.2 | 5653566.8 | 62.6 | | | | | | 62.7 | | | | | |
| Springbank 31 | Rx02 | -14205.3 | 5653552 | 61.9 | | | | | | 62.0 | | | | | |
| Springbank 32 | Rx02 | -14189.2 | 5653543.7 | 62.0 | | | | | | 62.1 | | | | | |
| Springbank 33 | Rx02 | -14162 | 5653529.8 | 62.6 | | | | | | 62.7 | | | | | |
| Springbank 34 | Rx02 | -14150 | 5653523.6 | 62.6 | | | | | | 62.7 | | | | | |
| Springbank 35 | Rx02 | -14131.8 | 5653514.3 | 60.7 | | | | | | 60.8 | | | | | |
| Springbank 36 | Rx02 | -14110.4 | 5653503.3 | 59.3 | | | | | | 59.4 | | | | | |
| Springbank 37 | Rx02 | -14084.5 | 5653490 | 61.6 | | | | | | 61.7 | | | | | |
| Springbank 38 | Rx02 | -14073.5 | 5653484.4 | 61.7 | | | | | | 61.8 | | | | | |
| Springbank 39 | Rx02 | -14062.7 | 5653478.8 | 61.6 | | | | | | 61.7 | | | | | |
| Springbank 40 | Rx02 | -14053.5 | 5653474.1 | 61.6 | | | | | | 61.7 | | | | | |
| Springbank 41 | Rx02 | -14044.1 | 5653469.3 | 61.9 | | | | | | 62.1 | | | | | |
| Springbank 42 | Rx02 | -14033.6 | 5653463.9 | 61.2 | | | | | | 61.4 | | | | | |
| Springbank 43 | Rx02 | -14024.9 | 5653459.5 | 61.3 | | | | | | 61.4 | | | | | |
| Springbank 44 | Rx02 | -14010.9 | 5653452.3 | 61.5 | | | | | | 61.6 | | | | | |
| Springbank 45 | Rx02 | -14000.3 | 5653446.9 | 61.7 | | | | | | 61.9 | | | | | |
| Springbank 46 | Rx02 | -13978 | 5653435.4 | 60.2 | | | | | | 60.4 | | | | | |
| Springbank 47 | Rx02 | -13965.4 | 5653429 | 60.2 | | | | | | 60.3 | | | | | |
| Springbank 48 | Rx02 | -13950.6 | 5653421.4 | 60.6 | | | | | | 60.8 | | | | | |
| Springbank 49 | Rx02 | -13920.2 | 5653413.9 | 61.9 | | | | | | 62.1 | | | | | |
| Springbank 50 | Rx02 | -13902.8 | 5653413.9 | 62.0 | | | | | | 62.2 | | | | | |
| Springbank 51 | Rx02 | -13892.7 | 5653413.9 | 61.8 | | | | | | 62.0 | | | | | |
| Springbank 52 | Rx02 | -13880.2 | 5653413.8 | 62.1 | | | | | | 62.3 | | | | | |
| Springbank 53 | Rx02 | -13870.5 | 5653413.8 | 62.4 | | | | | | 62.6 | | | | | |
| Springbank 54 | Rx02 | -13859.2 | 5653413.8 | 62.6 | | | | | | 62.8 | | | | | |
| Springbank 55 | Rx02 | -13847.9 | 5653413.8 | 62.4 | | | | | | 62.7 | | | | | |
| Springbank 56 | Rx02 | -13839 | 5653413.8 | 62.4 | | | | | | 62.7 | | | | | |
| Springbank 57 | Rx02 | -13826.8 | 5653413.7 | 62.2 | | | | | | 62.5 | | | | | |
| Springbank 58 | Rx02 | -13816.3 | 5653413.7 | 62.6 | | | | | | 62.8 | | | | | |
| Springbank 59 | Rx02 | -13804.8 | 5653413.7 | 62.3 | | | | | | 62.6 | | | | | |
| Springbank 60 | Rx02 | -13794.2 | 5653413.7 | 62.1 | | | | | | 62.4 | | | | | |
| Springbank 61 | Rx02 | -13782 | 5653413.6 | 62.2 | | | | | | 62.5 | | | | | |
| Springbank 62 | Rx02 | -13771.2 | 5653413.6 | 62.2 | | | | | | 62.6 | | | | | |
| Springbank 63 | Rx02 | -13760.8 | 5653413.6 | 62.3 | | | | | | 62.7 | | | | | |
| Springbank 64 | Rx02 | -13749.4 | 5653413.6 | 62.0 | | | | | | 62.5 | | | | | |

SWCRR Segment 1 Noise Prediction Results
BKL Consultants Ltd.
February 2018

| Colour Key |
|---|
| 64 < Leq24 ≤ 65 |
| Leq24 > 65 |

2025 Forecast Year

| Receiver | | Coordinates | | 2025 Traffic - Mainline Trucks 8%, Cross streets and ramps 5% | | | | | | 2025 Traffic - All Roads 8.4% | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | No Mitigation | | With Mitigation TUC alignment | | With Mitigation Top of Berm alignment | | No Mitigation | | With Mitigation TUC alignment | | With Mitigation Top of Berm alignment | |
| Name | ID | Easting | Northing | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance |
| | | (m) | (m) | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA |
| Springbank 65 | Rx02 | -13737.9 | 5653413.5 | 62.5 | | | | | | 63.0 | | | | | |
| Springbank 66 | Rx02 | -13727.8 | 5653413.5 | 62.6 | | | | | | 63.1 | | | | | |
| Springbank 67 | Rx02 | -13701.9 | 5653413.5 | 61.7 | | | | | | 62.3 | | | | | |
| Springbank 68 | Rx02 | -13626.3 | 5653413.4 | 62.0 | | | | | | 62.7 | | | | | |
| Springbank 69 | Rx02 | -13562.8 | 5653413.2 | 62.3 | | | | | | 62.9 | | | | | |
| Springbank 70 | Rx02 | -13533.5 | 5653427.6 | 61.9 | | | | | | 62.6 | | | | | |
| Springbank 71 | Rx02 | -13522.3 | 5653444.3 | 61.0 | | | | | | 61.7 | | | | | |
| Springbank 72 | Rx02 | -13511.7 | 5653460.1 | 60.0 | | | | | | 60.8 | | | | | |
| Springbank 73 | Rx02 | -13499.9 | 5653477.6 | 60.2 | | | | | | 60.9 | | | | | |
| Sienna 01 | Rx03 | -13425.5 | 5653196.7 | 63.0 | | | | | | 63.2 | | | | | |
| Sienna 02 | Rx03 | -13393 | 5653160.5 | 59.9 | | | | | | 60.1 | | | | | |
| Sienna 03 | Rx03 | -13377.7 | 5653143.3 | 61.6 | | | | | | 61.8 | | | | | |
| Sienna 04 | Rx03 | -13361.9 | 5653125.7 | 61.4 | | | | | | 61.6 | | | | | |
| Sienna 05 | Rx03 | -13345.3 | 5653107.1 | 61.6 | | | | | | 61.8 | | | | | |
| Sienna 06 | Rx03 | -13319.8 | 5653078.7 | 60.8 | | | | | | 61.1 | | | | | |
| Sienna 07 | Rx03 | -13304.4 | 5653061.4 | 61.4 | | | | | | 61.6 | | | | | |
| Sienna 08 | Rx03 | -13288.9 | 5653044.1 | 62.0 | | | | | | 62.1 | | | | | |
| Sienna 09 | Rx03 | -13274.3 | 5653027.8 | 62.6 | | | | | | 62.8 | | | | | |
| Sienna 10 | Rx03 | -13249 | 5652999.5 | 62.7 | | | | | | 62.9 | | | | | |
| Sienna 11 | Rx03 | -13157.6 | 5652911.5 | 61.3 | | | | | | 61.5 | | | | | |
| Sienna 12 | Rx03 | -13135.9 | 5652899.3 | 60.0 | | | | | | 60.2 | | | | | |
| Sienna 13 | Rx03 | -13122.1 | 5652891.6 | 59.7 | | | | | | 59.8 | | | | | |
| Sienna 14 | Rx03 | -13110.3 | 5652885.3 | 60.0 | | | | | | 60.1 | | | | | |
| Sienna 15 | Rx03 | -13099.6 | 5652879.5 | 60.1 | | | | | | 60.2 | | | | | |
| Sienna 16 | Rx03 | -13090.3 | 5652874.6 | 60.3 | | | | | | 60.5 | | | | | |
| Sienna 17 | Rx03 | -13078.8 | 5652868.7 | 61.6 | | | | | | 61.7 | | | | | |
| Sienna 18 | Rx03 | -13066.1 | 5652862.3 | 61.7 | | | | | | 61.8 | | | | | |
| Sienna 19 | Rx03 | -13053.8 | 5652856.1 | 60.8 | | | | | | 61.0 | | | | | |
| Sienna 20 | Rx03 | -13033.2 | 5652846 | 58.3 | | | | | | 58.5 | | | | | |
| Sienna 21 | Rx03 | -13020.7 | 5652840 | 58.3 | | | | | | 58.4 | | | | | |
| Sienna 22 | Rx03 | -12998.7 | 5652829.8 | 59.1 | | | | | | 59.3 | | | | | |
| Sienna 23 | Rx03 | -12981.9 | 5652822.3 | 58.6 | | | | | | 58.8 | | | | | |
| Sienna 24 | Rx03 | -12961.3 | 5652813.2 | 58.8 | | | | | | 59.0 | | | | | |
| Sienna 25 | Rx03 | -12945.2 | 5652806.3 | 58.2 | | | | | | 58.4 | | | | | |
| Sienna 26 | Rx03 | -12932.1 | 5652800.8 | 57.4 | | | | | | 57.6 | | | | | |
| Sienna 27 | Rx03 | -12914.3 | 5652793.5 | 58.7 | | | | | | 58.8 | | | | | |
| Sienna 28 | Rx03 | -12888.7 | 5652783.5 | 60.3 | | | | | | 60.4 | | | | | |
| Sienna 29 | Rx03 | -12873.9 | 5652777.8 | 60.4 | | | | | | 60.5 | | | | | |
| Sienna 30 | Rx03 | -12840.1 | 5652765.4 | 60.1 | | | | | | 60.3 | | | | | |
| Sienna 31 | Rx03 | -12818.1 | 5652757.7 | 58.9 | | | | | | 59.1 | | | | | |
| Sienna 32 | Rx03 | -12800.7 | 5652751.9 | 61.1 | | | | | | 61.2 | | | | | |
| Sienna 33 | Rx03 | -12778.1 | 5652744.5 | 61.1 | | | | | | 61.2 | | | | | |
| Sienna 34 | Rx03 | -12745.5 | 5652734.4 | 58.8 | | | | | | 58.9 | | | | | |
| Sienna 35 | Rx03 | -12718.5 | 5652726.6 | 58.7 | | | | | | 58.9 | | | | | |
| Sienna 36 | Rx03 | -12698.4 | 5652721 | 59.1 | | | | | | 59.3 | | | | | |
| Sienna 37 | Rx03 | -12671.2 | 5652713.7 | 61.3 | | | | | | 61.5 | | | | | |
| Sienna 38 | Rx03 | -12656.3 | 5652709.9 | 61.8 | | 61.9 | | 61.5 | | 62.0 | | 62.1 | | 61.7 | |
| Sienna 39 | Rx03 | -12635.3 | 5652704.8 | 64.7 | | 61.2 | | 62.7 | | 64.8 | | 61.4 | | 62.9 | |
| Sienna 40 | Rx03 | -12616.4 | 5652700.5 | 65.8 | 0.8 | 61.8 | | 60.8 | | 66.0 | 1.0 | 62.0 | | 61.0 | |
| Sienna 41 | Rx03 | -12593.2 | 5652695.3 | 64.1 | | 58.9 | | 58.0 | | 64.3 | | 59.1 | | 58.3 | |
| Sienna 42 | Rx03 | -12577.4 | 5652692 | 64.3 | | 59.4 | | 58.1 | | 64.5 | | 59.7 | | 58.4 | |
| Sienna 43 | Rx03 | -12561.7 | 5652688.8 | 64.6 | | 60.1 | | 58.8 | | 64.8 | | 60.3 | | 59.0 | |
| Sienna 44 | Rx03 | -12544.7 | 5652685.6 | 66.4 | 1.4 | 61.0 | | 61.2 | | 66.7 | 1.7 | 61.2 | | 61.4 | |
| Sienna 45 | Rx03 | -12522.8 | 5652681.6 | 67.6 | 2.6 | 62.2 | | 62.4 | | 67.8 | 2.8 | 62.4 | | 62.6 | |
| Sienna 46 | Rx03 | -12502.6 | 5652678.2 | 67.1 | 2.1 | 60.8 | | 61.0 | | 67.4 | 2.4 | 61.1 | | 61.3 | |
| Sienna 47 | Rx03 | -12469 | 5652672.9 | 66.6 | 1.6 | 60.6 | | 60.6 | | 66.9 | 1.9 | 60.9 | | 60.9 | |
| Sienna 48 | Rx03 | -12434.6 | 5652668 | 67.0 | 2.0 | 60.6 | | 60.6 | | 67.4 | 2.4 | 60.9 | | 61.0 | |
| Sienna 49 | Rx03 | -12416.9 | 5652665.7 | 66.4 | 1.4 | 60.4 | | 60.4 | | 66.9 | 1.9 | 60.8 | | 60.8 | |
| Sienna 50 | Rx03 | -12396.1 | 5652663.2 | 65.8 | 0.8 | 60.4 | | 60.5 | | 66.3 | 1.3 | 60.9 | | 60.9 | |
| Sienna 51 | Rx03 | -12343.9 | 5652657.6 | 64.5 | | 64.5 | | 64.5 | | 65.0 | | 65.0 | | 65.0 | |
| Sienna 52 | Rx03 | -12299.2 | 5652653.7 | 63.7 | | 63.8 | | 63.8 | | 64.3 | | 64.3 | | 64.3 | |
| Glanmorgan 01 | Rx04 | -11524.3 | 5653153.2 | 70.8 | 5.8 | Mitigation provided by existing berm | | | | 71.5 | 6.5 | Mitigation provided by existing berm | | | |
| Glanmorgan 01a | Rx04 | -11502.6 | 5653153.1 | 59.9 | | | | | | 60.6 | | | | | |
| Glanmorgan 02 | Rx04 | -11524.4 | 5653105.1 | 70.6 | 5.6 | | | | | 71.3 | 6.3 | | | | |
| Glanmorgan 02a | Rx04 | -11501.9 | 5653104.8 | 62.6 | | | | | | 63.3 | | | | | |
| Glanmorgan 03 | Rx04 | -11524.4 | 5653054.5 | 70.6 | 5.6 | | | | | 71.3 | 6.3 | | | | |
| Glanmorgan 03a | Rx04 | -11501.2 | 5653067.3 | 62.2 | | | | | | 62.9 | | | | | |
| Glanmorgan 04 | Rx04 | -11524.5 | 5652996.3 | 70.0 | 5.0 | | | | | 70.7 | 5.7 | | | | |
| Glanmorgan 04a | Rx04 | -11502.3 | 5652996.5 | 59.3 | | | | | | 60.0 | | | | | |
| Glanmorgan 05 | Rx04 | -11524.6 | 5652944.2 | 69.5 | 4.5 | | | | | 70.2 | 5.2 | | | | |
| Glanmorgan 05a | Rx04 | -11502.7 | 5652944.2 | 60.6 | | | | | | 61.3 | | | | | |
| Glanmorgan 06 | Rx04 | -11524.7 | 5652898 | 69.5 | 4.5 | | | | | 70.2 | 5.2 | | | | |
| Glanmorgan 06a | Rx04 | -11499.5 | 5652898.7 | 59.8 | | | | | | 60.5 | | | | | |
| Glanmorgan 07 | Rx04 | -11523.6 | 5652827.8 | 69.9 | 4.9 | | | | | 70.6 | 5.6 | | | | |
| Glanmorgan 07a | Rx04 | -11499.9 | 5652827.6 | 60.9 | | | | | | 61.6 | | | | | |
| Glanmorgan 08 | Rx04 | -11518.4 | 5652795.3 | 69.9 | 4.7 | | | | | 70.6 | 5.6 | | | | |
| Glanmorgan 08a | Rx04 | -11497.9 | 5652795.5 | 60.6 | | | | | | 61.3 | | | | | |
| Glanmorgan 09 | Rx04 | -11493 | 5652729.8 | 67.7 | 2.7 | | | | | 68.4 | 3.4 | | | | |
| Glanmorgan 09a | Rx04 | -11480.4 | 5652741.5 | 62.4 | | | | | | 63.1 | | | | | |
| Glanmorgan 10 | Rx04 | -11447.4 | 5652730.7 | 63.1 | | 63.1 | | One alignment only | | 63.8 | | 63.8 | | One alignment only | |
| Glanmorgan 11 | Rx04 | -11409.9 | 5652730.4 | 61.6 | | 61.7 | | | | 62.3 | | 62.3 | | | |
| Glanmorgan 12 | Rx04 | -11340.3 | 5652717.1 | 59.4 | | 59.4 | | | | 60.1 | | 60.1 | | | |
| Glanmorgan 13 | Rx04 | -11303.4 | 5652717 | 59.2 | | 59.2 | | | | 59.8 | | 59.9 | | | |
| Glanmorgan 14 | Rx04 | -11271.6 | 5652717 | 57.8 | | 57.8 | | | | 58.4 | | 58.5 | | | |
| Glanmorgan 15 | Rx04 | -11244.6 | 5652717 | 57.0 | | 57.0 | | | | 57.7 | | 57.7 | | | |
| Glanmorgan 16 | Rx04 | -11178.5 | 5652535.4 | 67.2 | 2.2 | 62.4 | | | | 67.9 | 2.9 | 63.1 | | | |
| Glanmorgan 16a | Rx04 | -11176.6 | 5652572.6 | 63.7 | | 63.1 | | | | 64.4 | | 63.8 | | | |
| Glanmorgan 17 | Rx04 | -11104 | 5652534.9 | 67.9 | 2.9 | 63.2 | | | | 68.6 | 3.6 | 63.8 | | | |
| Glanmorgan 17a | Rx04 | -11104.9 | 5652575.2 | 64.7 | | 64.0 | | | | 65.4 | 0.4 | 64.7 | | | |
| Glanmorgan 18 | Rx04 | -10975.8 | 5652672.9 | 60.1 | | 59.9 | | | | 60.7 | | 60.5 | | | |
| Glanmorgan 19 | Rx04 | -10955.9 | 5652672.8 | 60.2 | | 59.7 | | | | 60.7 | | 60.3 | | | |
| Glanmorgan 20 | Rx04 | -10940.5 | 5652672.8 | 60.0 | | 59.6 | | | | 60.5 | | 60.2 | | | |
| Glanmorgan 21 | Rx04 | -10925.4 | 5652672.8 | 59.7 | | 59.1 | | | | 60.2 | | 59.7 | | | |
| Glanmorgan 22 | Rx04 | -10912.5 | 5652672.7 | 59.4 | | 58.8 | | | | 59.9 | | 59.3 | | | |
| Glanmorgan 23 | Rx04 | -10897.5 | 5652672.7 | 59.0 | | 58.3 | | | | 59.6 | | 58.8 | | | |
| Glanmorgan 24 | Rx04 | -10871.6 | 5652672.6 | 58.7 | | 57.8 | | | | 59.1 | | 58.2 | | | |
| Glanmorgan 25 | Rx04 | -10854.8 | 5652672.6 | 58.1 | | 57.2 | | | | 58.5 | | 57.6 | | | |
| Glanmorgan 26 | Rx04 | -10779.2 | 5652663.5 | 57.4 | | 56.1 | | | | 57.7 | | 56.4 | | | |
| Glanmorgan 27 | Rx04 | -10692.8 | 5652533.2 | 65.4 | 0.4 | 63.5 | | | | 65.6 | 0.6 | 63.7 | | | |
| Glanmorgan 28 | Rx04 | -10654 | 5652533.1 | 57.7 | | 57.7 | | | | 58.0 | | 58.0 | | | |
| Glanmorgan 29 | Rx04 | -10610.9 | 5652545.8 | 59.7 | | 59.7 | | | | 59.9 | | 59.9 | | | |
| Glanmorgan 30 | Rx04 | -10567.6 | 5652545.6 | 59.3 | | 59.3 | | | | 59.6 | | 59.6 | | | |
| Glanmorgan 31 | Rx04 | -10523.1 | 5652545.6 | 58.5 | | 58.6 | | | | 58.8 | | 58.8 | | | |
| Glanmorgan 32 | Rx04 | -10479.2 | 5652545.2 | 58.7 | | 58.7 | | | | 59.0 | | 59.0 | | | |
| Glanmorgan 33 | Rx04 | -10440.1 | 5652545 | 59.8 | | 59.8 | | | | 60.1 | | 60.0 | | | |
| Glanmorgan 34 | Rx04 | -10422.3 | 5652545 | 59.9 | | 59.8 | | | | 60.1 | | 60.1 | | | |
| Glanmorgan 35 | Rx04 | -10409.4 | 5652544.9 | 59.9 | | 59.9 | | | | 60.2 | | 60.2 | | | |
| Glanmorgan 36 | Rx04 | -10392.6 | 5652544.9 | 60.6 | | 60.5 | | | | 60.8 | | 60.8 | | | |
| Glanmorgan 37 | Rx04 | -10376.5 | 5652544.8 | 61.2 | | 61.2 | | | | 61.5 | | 61.4 | | | |

SWCRR Segment 1 Noise Prediction Results
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|---|
| 64 < Leq24 ≤ 65 |
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2025 Forecast Year

| Receiver | | Coordinates | | 2025 Traffic - Mainline Trucks 8%, Cross streets and ramps 5% | | | | | | 2025 Traffic - All Roads 8.4% | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | No Mitigation | | With Mitigation TUC alignment | | With Mitigation Top of Berm alignment | | No Mitigation | | With Mitigation TUC alignment | | With Mitigation Top of Berm alignment | |
| Name | ID | Easting | Northing | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance |
| | | (m) | (m) | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA |
| Glanmorgan 38 | Rx04 | -10357.3 | 5652544.6 | 60.1 | | 60.0 | | | | 60.3 | | 60.2 | | | |
| Glanmorgan 39 | Rx04 | -10339.5 | 5652544.6 | 59.9 | | 59.8 | | | | 60.2 | | 60.0 | | | |
| Glanmorgan 40 | Rx04 | -10313.8 | 5652544.4 | 60.3 | | 60.3 | | | | 60.6 | | 60.5 | | | |
| Glanmorgan 41 | Rx04 | -10300 | 5652544.3 | 61.0 | | 61.0 | | 61.0 | | 61.3 | | 61.0 | | 61.3 | |
| Glanmorgan 42 | Rx04 | -10279.6 | 5652544.3 | 62.3 | | 62.1 | | 62.2 | | 62.5 | | 62.2 | | 62.5 | |
| Glanmorgan 43 | Rx04 | -10262.4 | 5652544.2 | 62.6 | | 62.0 | | 62.4 | | 62.9 | | 61.7 | | 62.7 | |
| Glanmorgan 44 | Rx04 | -10242.3 | 5652544.1 | 65.1 | 0.1 | 62.6 | | 63.2 | | 65.5 | 0.4 | 62.0 | | 63.6 | |
| Glanmorgan 45 | Rx04 | -10193.1 | 5652546 | 67.4 | 2.3 | 64.2 | | 63.9 | | 67.8 | 2.8 | 63.4 | | 64.3 | |
| Glanmorgan 46 | Rx04 | -10133.1 | 5652555.7 | 65.3 | 0.3 | 63.7 | | 62.7 | | 65.8 | 0.8 | 63.1 | | 63.1 | |
| Glanmorgan 46a | Rx04 | -10131.6 | 5652575.6 | 64.3 | | 63.3 | | 61.9 | | 64.8 | | 62.8 | | 62.4 | |
| Glanmorgan 47 | Rx04 | -10065.9 | 5652566.2 | 62.9 | | 61.7 | | 62.4 | | 63.6 | | 61.5 | | 63.0 | |
| Glanmorgan 47a | Rx04 | -10068 | 5652589.1 | 63.9 | | 63.0 | | 62.6 | | 64.5 | | 62.5 | | 63.2 | |
| Glanmorgan 48 | Rx04 | -9957.2 | 5652648.4 | 60.9 | | 60.3 | | 60.0 | | 61.8 | | 61.2 | | 60.9 | |
| Glanmorgan 48a | Rx04 | -9977.7 | 5652657.9 | 62.0 | | 61.2 | | 60.9 | | 63.0 | | 62.1 | | 61.9 | |
| Glanmorgan 49 | Rx04 | -9932.8 | 5652684.2 | 65.0 | | 61.5 | | 61.2 | | 66.1 | 1.1 | 62.3 | | 62.0 | |
| Glanmorgan 49a | Rx04 | -9950.7 | 5652686 | 62.8 | | 61.0 | | 60.9 | | 63.9 | | 62.0 | | 61.9 | |
| Glanmorgan 50 | Rx04 | -9930.3 | 5652734.9 | 65.3 | 0.3 | 63.6 | | 63.5 | | 66.4 | 1.3 | 64.6 | | 64.5 | |
| Glanmorgan 50a | Rx04 | -9948.4 | 5652730.6 | 62.0 | | 60.7 | | 60.7 | | 63.2 | | 61.7 | | 61.7 | |
| Lakeview 01 | RX05 | -9884.3 | 5651686.8 | 50.2 | | | | | | 50.9 | | | | | |
| Lakeview 02 | RX05 | -9884.2 | 5651703 | 50.0 | | | | | | 50.8 | | | | | |
| Lakeview 03 | RX05 | -9884.2 | 5651723.5 | 50.1 | | | | | | 50.9 | | | | | |
| Lakeview 04 | RX05 | -9884.1 | 5651738.4 | 51.0 | | | | | | 51.9 | | | | | |
| Lakeview 05 | RX05 | -9884 | 5651755.9 | 51.3 | | | | | | 52.1 | | | | | |
| Lakeview 06 | RX05 | -9884 | 5651775.8 | 51.7 | | | | | | 52.6 | | | | | |
| Lakeview 07 | RX05 | -9883.9 | 5651794 | 52.6 | | | | | | 53.5 | | | | | |
| Lakeview 08 | RX05 | -9883.8 | 5651813.2 | 52.7 | | | | | | 53.6 | | | | | |
| Lakeview 09 | RX05 | -9883.8 | 5651830.2 | 53.7 | | | | | | 54.6 | | | | | |
| Lakeview 10 | RX05 | -9883.7 | 5651847.3 | 54.4 | | | | | | 55.3 | | | | | |
| Lakeview 11 | RX05 | -9883.7 | 5651864.4 | 53.6 | | | | | | 54.5 | | | | | |
| Lakeview 12 | RX05 | -9883.6 | 5651885.4 | 54.1 | | | | | | 55.0 | | | | | |
| Lakeview 13 | RX05 | -9883.5 | 5651901.5 | 55.0 | | | | | | 55.9 | | | | | |
| Lakeview 14 | RX05 | -9883.5 | 5651918.1 | 55.4 | | | | | | 56.4 | | | | | |
| Lakeview 15 | RX05 | -9883.4 | 5651935.8 | 55.8 | | | | | | 56.7 | | | | | |
| Lakeview 16 | RX05 | -9883.3 | 5651955.6 | 55.7 | | | | | | 56.7 | | | | | |
| Lakeview 17 | RX05 | -9883.3 | 5651973.5 | 56.4 | | | | | | 57.3 | | | | | |
| Lakeview 18 | RX05 | -9883.2 | 5651990.3 | 56.3 | | | | | | 57.2 | | | | | |
| Lakeview 19 | Rx05 | -9883.1 | 5652031.4 | 57.7 | | | | | | 58.6 | | | | | |
| Lakeview 20 | Rx05 | -9883 | 5652044.6 | 57.7 | | | | | | 58.7 | | | | | |
| Lakeview 21 | Rx05 | -9883 | 5652068 | 58.1 | | | | | | 59.1 | | | | | |
| Lakeview 22 | Rx05 | -9882.9 | 5652085 | 58.3 | | | | | | 59.3 | | | | | |
| Lakeview 23 | Rx05 | -9882.8 | 5652107.5 | 59.2 | | | | | | 60.2 | | | | | |
| Lakeview 24 | Rx05 | -9882.8 | 5652124.5 | 59.1 | | | | | | 60.1 | | | | | |
| Lakeview 25 | Rx05 | -9882.7 | 5652149.2 | 60.3 | | | | | | 61.4 | | | | | |
| Lakeview 26 | Rx05 | -9882.7 | 5652164.9 | 60.7 | | | | | | 61.8 | | | | | |
| Lakeview 27 | Rx05 | -9882.6 | 5652183.2 | 60.9 | | | | | | 62.0 | | | | | |
| Lakeview 28 | Rx05 | -9882.5 | 5652203.7 | 61.9 | | | | | | 62.9 | | | | | |
| Lakeview 29 | Rx05 | -9882.5 | 5652222.3 | 62.3 | | | | | | 63.4 | | | | | |
| Lakeview 30 | Rx05 | -9882.4 | 5652237.4 | 62.5 | | | | | | 63.6 | | | | | |
| Lakeview 31 | Rx05 | -9882.4 | 5652257.3 | 63.4 | | 63.4 | | 63.4 | | 64.5 | | 64.6 | | 64.5 | |
| Lakeview 32 | Rx05 | -9869.6 | 5652302 | 62.7 | | 62.7 | | 62.7 | | 63.8 | | 63.9 | | 63.8 | |
| Lakeview 33 | Rx05 | -9869.2 | 5652383.4 | 63.7 | | 63.8 | | 63.8 | | 64.8 | | 64.9 | | 64.8 | |
| Lakeview 34 | Rx05 | -9856.3 | 5652396.5 | 64.9 | | 63.3 | | 63.9 | | 65.8 | 0.8 | 64.3 | | 64.8 | |
| Lakeview 35 | Rx05 | -9800.3 | 5652396.2 | 64.8 | | 60.2 | | 61.7 | | 65.5 | 0.5 | 60.7 | | 62.2 | |
| Lakeview 36 | Rx05 | -9749.8 | 5652396.1 | 65.1 | 0.1 | 62.0 | | 61.9 | | 65.5 | 0.5 | 62.3 | | 62.3 | |
| Lakeview 37 | Rx05 | -9710.4 | 5652395.9 | 67.0 | 2.0 | 64.0 | | 63.9 | | 67.3 | 2.3 | 64.3 | | 64.1 | |
| Lakeview 38 | Rx05 | -9671.8 | 5652382.9 | 66.2 | 1.2 | 62.9 | | 64.1 | | 66.5 | 1.5 | 63.3 | | 64.4 | |
| Lakeview 39 | Rx05 | -9596.9 | 5652299.8 | 63.0 | | 62.9 | | 62.8 | | 63.2 | | 63.0 | | 63.0 | |
| Lakeview 40 | Rx05 | -9584.6 | 5652280 | 64.2 | | 64.1 | | 64.1 | | 64.3 | | 64.3 | | 64.2 | |
| Lakeview 41 | Rx05 | -9577.3 | 5652259.7 | 63.0 | | 62.9 | | 62.9 | | 63.1 | | 63.1 | | 63.0 | |
| Lakeview 42 | Rx05 | -9574.6 | 5652242.8 | 62.8 | | 62.7 | | 62.7 | | 62.9 | | 62.8 | | 62.8 | |
| Lakeview 43 | Rx05 | -9572 | 5652226.9 | 62.2 | | 62.2 | | 62.2 | | 62.3 | | 62.2 | | 62.3 | |
| Lakeview 44 | Rx05 | -9569.5 | 5652211.4 | 61.7 | | 61.6 | | 61.6 | | 61.8 | | 61.7 | | 61.7 | |
| Lakeview 45 | Rx05 | -9564.9 | 5652185.8 | 61.5 | | 61.5 | | 61.5 | | 61.6 | | 61.6 | | 61.6 | |
| Lakeview 46 | Rx05 | -9562.5 | 5652170.2 | 62.3 | | 62.3 | | 62.3 | | 62.4 | | 62.4 | | 62.4 | |
| Lakeview 47 | Rx05 | -9559.9 | 5652153.8 | 60.5 | | 60.5 | | 60.5 | | 60.6 | | 60.6 | | 60.6 | |
| Lakeview 48 | Rx05 | -9532.2 | 5652145.1 | 59.2 | | 59.2 | | 59.2 | | 59.4 | | 59.4 | | 59.4 | |
| Lakeview 49 | Rx05 | -9497.4 | 5652151.1 | 62.0 | | 62.0 | | 62.0 | | 62.1 | | 62.1 | | 62.1 | |
| Lakeview 50 | Rx05 | -9471.6 | 5652145.4 | 62.4 | | 62.5 | | 62.5 | | 62.6 | | 62.6 | | 62.6 | |
| Lakeview 51 | Rx05 | -9457.9 | 5652125.9 | 63.3 | | 63.3 | | 63.3 | | 63.4 | | 63.4 | | 63.4 | |
| Lincoln 01 | Rx05 | -9862 | 5652865.7 | 60.7 | | | | | | 61.7 | | | | | |
| Lincoln 02 | Rx05 | -9861.5 | 5652812 | 62.5 | | | | | | 63.6 | | | | | |
| Lincoln 03 | Rx05 | -9860.3 | 5652782.6 | 61.9 | | | | | | 63.0 | | | | | |
| Lincoln 04 | Rx05 | -9857.1 | 5652744.4 | 62.0 | | | | | | 63.0 | | | | | |
| Lincoln 05 | Rx05 | -9857.5 | 5652715.6 | 60.7 | | | | | | 61.8 | | | | | |
| Lincoln 06 | Rx05 | -9856.8 | 5652694.4 | 62.6 | | | | | | 63.6 | | | | | |
| Lincoln 07 | Rx05 | -9855.6 | 5652664.4 | 62.5 | | | | | | 63.7 | | | | | |
| Lincoln 08 | Rx05 | -9844.7 | 5652637.5 | 62.2 | | | | | | 63.2 | | | | | |
| Lincoln 09 | Rx05 | -9718.2 | 5652609 | 56.9 | | | | | | 57.5 | | | | | |
| Lincoln 10 | Rx05 | -9669.4 | 5652604.9 | 57.6 | | | | | | 57.9 | | | | | |
| Lincoln 11 | Rx05 | -9420.1 | 5652406.2 | 62.6 | | 62.7 | | 60.8 | | 62.7 | | 62.9 | | 61.0 | |
| Lincoln 12 | Rx05 | -9411.3 | 5652361.7 | 63.7 | | 61.8 | | 60.7 | | 63.9 | | 62.0 | | 60.8 | |
| Lincoln 13 | Rx05 | -9399.9 | 5652303.7 | 65.1 | 0.1 | 63.7 | | 64.0 | | 65.2 | 0.2 | 63.9 | | 64.1 | |

SWCRR Segment 2 Noise Prediction Results
BKL Consultants Ltd.
February 2018

| Colour Key |
|---|
| 64 < Leq24 ≤ 65 |
| Leq24 > 65 |

2050 Forecast Year

| Receiver | | Coordinates | | 2050 Traffic - Mainline Trucks 8%, Cross streets and ramps 5% | | | | | | 2050 Traffic - All Roads 8.4% | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | No Mitigation | | With Mitigation (TUC Alignment) | | Mitigation (Top of Berm/CZ Alignment) | | No Mitigation | | With Mitigation (TUC Alignment) | | Mitigation (Top of Berm/CZ Alignment) | |
| Name | Group | Easting | Northing | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance |
| | | (m) | (m) | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA |
| Oakridge 01 | Rx06 | -9797.1 | 5649035.8 | 62.3 | | No mitigation required in this section | | | | 63.1 | | No mitigation required in this section | | | |
| Oakridge 02 | Rx06 | -9808.2 | 5649015.4 | 59.3 | | | | | | 60.1 | | | | | |
| Oakridge 03 | Rx06 | -9812.2 | 5648997.3 | 58.0 | | | | | | 58.8 | | | | | |
| Oakridge 04 | Rx06 | -9814.9 | 5648982.7 | 57.3 | | | | | | 58.1 | | | | | |
| Oakridge 05 | Rx06 | -9818.3 | 5648964.2 | 56.4 | | | | | | 57.2 | | | | | |
| Oakridge 06 | Rx06 | -9823.8 | 5648932.1 | 57.4 | | | | | | 58.2 | | | | | |
| Oakridge 07 | Rx06 | -9835.9 | 5648863.6 | 55.0 | | | | | | 55.4 | | | | | |
| Oakridge 08 | Rx06 | -9839.1 | 5648845.6 | 54.7 | | | | | | 55.0 | | | | | |
| Oakridge 09 | Rx06 | -9842.7 | 5648825.5 | 54.1 | | | | | | 54.5 | | | | | |
| Oakridge 10 | Rx06 | -9845.9 | 5648808.4 | 54.5 | | | | | | 54.8 | | | | | |
| Oakridge 11 | Rx06 | -9849.1 | 5648790.8 | 55.0 | | | | | | 55.0 | | | | | |
| Oakridge 12 | Rx06 | -9852.3 | 5648773 | 54.8 | | | | | | 55.3 | | | | | |
| Oakridge 13 | Rx06 | -9854.1 | 5648751.1 | 54.5 | | | | | | 55.0 | | | | | |
| Oakridge 14 | Rx06 | -9840.6 | 5648701.2 | 53.5 | | | | | | 54.0 | | | | | |
| Oakridge 15 | Rx06 | -9840.7 | 5648689.5 | 53.6 | | | | | | 54.0 | | | | | |
| Oakridge 16 | Rx06 | -9840.8 | 5648670.1 | 53.8 | | | | | | 54.3 | | | | | |
| Oakridge 17 | Rx06 | -9840.7 | 5648654.7 | 54.0 | | | | | | 54.4 | | | | | |
| Oakridge 18 | Rx06 | -9840.8 | 5648637 | 53.3 | | | | | | 53.8 | | | | | |
| Oakridge 19 | Rx06 | -9840.9 | 5648617.9 | 53.3 | | | | | | 53.8 | | | | | |
| Oakridge 20 | Rx06 | -9840.9 | 5648607 | 53.4 | | | | | | 53.9 | | | | | |
| Oakridge 21 | Rx06 | -9840.9 | 5648588.4 | 53.6 | | | | | | 54.0 | | | | | |
| Oakridge 22 | Rx06 | -9840.9 | 5648564.2 | 53.4 | | | | | | 53.9 | | | | | |
| Oakridge 23 | Rx06 | -9841 | 5648551.2 | 53.6 | | | | | | 54.1 | | | | | |
| Oakridge 24 | Rx06 | -9841 | 5648537.1 | 53.5 | | | | | | 54.1 | | | | | |
| Oakridge 25 | Rx06 | -9840.3 | 5648516.8 | 53.8 | | | | | | 54.2 | | | | | |
| Oakridge 26 | Rx06 | -9837.9 | 5648500.1 | 53.6 | | | | | | 54.1 | | | | | |
| Oakridge 27 | Rx06 | -9834.4 | 5648478.1 | 53.6 | | | | | | 54.1 | | | | | |
| Oakridge 28 | Rx06 | -9832 | 5648463.1 | 53.6 | | | | | | 54.1 | | | | | |
| Oakridge 29 | Rx06 | -9829.6 | 5648448.4 | 53.4 | | | | | | 53.9 | | | | | |
| Oakridge 30 | Rx06 | -9829 | 5648408.2 | 54.0 | | | | | | 54.2 | | | | | |
| Oakridge 31 | Rx06 | -9829 | 5648372.2 | 53.9 | | | | | | 54.3 | | | | | |
| Oakridge 32 | Rx06 | -9828.9 | 5648355.6 | 53.7 | | | | | | 54.1 | | | | | |
| Oakridge 33 | Rx06 | -9829 | 5648335.4 | 53.8 | | | | | | 54.2 | | | | | |
| Oakridge 34 | Rx06 | -9829.1 | 5648319.2 | 53.7 | | | | | | 54.1 | | | | | |
| Oakridge 35 | Rx06 | -9829.1 | 5648299.8 | 53.6 | | | | | | 54.0 | | | | | |
| Oakridge 36 | Rx06 | -9829.1 | 5648283.2 | 53.8 | | | | | | 54.2 | | | | | |
| Oakridge 37 | Rx06 | -9829.3 | 5648245.9 | 53.3 | | | | | | 53.7 | | | | | |
| Oakridge 38 | Rx06 | -9829.3 | 5648229.2 | 53.5 | | | | | | 53.9 | | | | | |
| Oakridge 39 | Rx06 | -9829.3 | 5648207.3 | 53.1 | | | | | | 53.6 | | | | | |
| Oakridge 40 | Rx06 | -9829.3 | 5648190.7 | 53.5 | | | | | | 53.9 | | | | | |
| Oakridge 41 | Rx06 | -9829.3 | 5648172.7 | 53.3 | | | | | | 53.7 | | | | | |
| Oakridge 42 | Rx06 | -9829.4 | 5648155.4 | 53.8 | | | | | | 54.2 | | | | | |
| Oakridge 43 | Rx06 | -9829.4 | 5648136.1 | 54.2 | | | | | | 54.6 | | | | | |
| Oakridge 44 | Rx06 | -9829.4 | 5648119.4 | 54.1 | | | | | | 54.5 | | | | | |
| Oakridge 45 | Rx06 | -9829.5 | 5648096.9 | 55.1 | | | | | | 55.4 | | | | | |
| Oakridge 46 | Rx06 | -9829.6 | 5648077.7 | 55.8 | | | | | | 56.2 | | | | | |
| Oakridge 47 | Rx06 | -9829.6 | 5648060.4 | 55.9 | | | | | | 56.2 | | | | | |
| Oakridge 48 | Rx06 | -9829.6 | 5648039.2 | 56.2 | | | | | | 56.6 | | | | | |
| Oakridge 49 | Rx06 | -9829.7 | 5648021.8 | 56.0 | | | | | | 56.4 | | | | | |
| Oakridge 50 | Rx06 | -9829.7 | 5648000.7 | 57.2 | | | | | | 57.6 | | | | | |
| Oakridge 51 | Rx06 | -9829.8 | 5647981.4 | 57.3 | | | | | | 57.6 | | | | | |
| Oakridge 52 | Rx06 | -9828.1 | 5647922.7 | 58.0 | | | | | | 58.4 | | | | | |
| Oakridge 53 | Rx06 | -9828.3 | 5647902.8 | 58.0 | | | | | | 58.4 | | | | | |
| Oakridge 54 | Rx06 | -9828.3 | 5647884.9 | 58.1 | | | | | | 58.5 | | | | | |
| Oakridge 55 | Rx06 | -9828.3 | 5647862.4 | 57.8 | | | | | | 58.3 | | | | | |
| Oakridge 56 | Rx06 | -9828.4 | 5647841.2 | 58.4 | | | | | | 59.0 | | | | | |
| Oakridge 57 | Rx06 | -9828.4 | 5647816.8 | 58.6 | | | | | | 59.1 | | | | | |
| Oakridge 58 | Rx06 | -9821.3 | 5647784.2 | 58.1 | | | | | | 58.6 | | | | | |
| Oakridge 59 | Rx06 | -9824.2 | 5647771 | 58.5 | | | | | | 59.0 | | | | | |
| Oakridge 60 | Rx06 | -9829.3 | 5647746.8 | 59.9 | | | | | | 60.5 | | | | | |
| Oakridge 61 | Rx06 | -9832.6 | 5647725.5 | 60.2 | | | | | | 60.9 | | | | | |
| Oakridge 62 | Rx06 | -9827.9 | 5647707.2 | 60.5 | | | | | | 61.2 | | | | | |
| Oakridge 63 | Rx06 | -9823.8 | 5647691.2 | 60.8 | | | | | | 61.5 | | | | | |
| Oakridge 64 | Rx06 | -9818 | 5647669.2 | 61.3 | | | | | | 62.0 | | | | | |
| Oakridge 65 | Rx06 | -9792.2 | 5647570.3 | 61.5 | | | | | | 62.2 | | | | | |
| Oakridge 66 | Rx06 | -9786.2 | 5647548.2 | 61.3 | | | | | | 62.0 | | | | | |
| Oakridge 67 | Rx06 | -9778.2 | 5647522.3 | 62.0 | | | | | | 62.8 | | | | | |
| Cedarbrae 01 | Rx07 | -9797.4 | 5647413.2 | 60.9 | | 60.9 | | 61.0 | | 61.5 | | 61.5 | | 61.6 | |
| Cedarbrae 02 | Rx07 | -9807.2 | 5647389.1 | 59.6 | | 59.6 | | 59.7 | | 60 | | 60 | | 60.1 | |
| Cedarbrae 03 | Rx07 | -9810.6 | 5647365.9 | 59.4 | | 59.4 | | 59.5 | | 59.7 | | 59.7 | | 59.8 | |
| Cedarbrae 04 | Rx07 | -9812.8 | 5647350.1 | 59.7 | | 59.7 | | 59.8 | | 59.9 | | 59.9 | | 60.0 | |
| Cedarbrae 05 | Rx07 | -9815.5 | 5647330.3 | 60 | | 60 | | 60.0 | | 60.2 | | 60.2 | | 60.2 | |
| Cedarbrae 06 | Rx07 | -9817.6 | 5647314.9 | 60.2 | | 60.2 | | 60.1 | | 60.4 | | 60.3 | | 60.2 | |
| Cedarbrae 07 | Rx07 | -9820 | 5647297.2 | 60.2 | | 60.2 | | 60.0 | | 60.3 | | 60.3 | | 60.1 | |
| Cedarbrae 08 | Rx07 | -9822.3 | 5647280.9 | 60.2 | | 60.2 | | 60.0 | | 60.4 | | 60.4 | | 60.2 | |
| Cedarbrae 09 | Rx07 | -9824.7 | 5647262.9 | 60.3 | | 60.3 | | 60.0 | | 60.4 | | 60.4 | | 60.1 | |
| Cedarbrae 10 | Rx07 | -9825.2 | 5647243.5 | 60.7 | | 60.7 | | 60.3 | | 60.8 | | 60.8 | | 60.4 | |
| Cedarbrae 11 | Rx07 | -9823.9 | 5647225.2 | 60.9 | | 60.9 | | 60.4 | | 61 | | 61 | | 60.5 | |
| Cedarbrae 12 | Rx07 | -9822.7 | 5647209.4 | 60.9 | | 60.9 | | 60.3 | | 61 | | 61 | | 60.4 | |
| Cedarbrae 13 | Rx07 | -9821.1 | 5647188.1 | 60.5 | | 60.5 | | 59.8 | | 60.6 | | 60.6 | | 59.9 | |
| Cedarbrae 14 | Rx07 | -9824.1 | 5647174.6 | 61 | | 60.9 | | 60.0 | | 61.1 | | 61 | | 60.1 | |
| Cedarbrae 15 | Rx07 | -9829.2 | 5647159.6 | 61.9 | | 61.8 | | 60.8 | | 62 | | 61.9 | | 60.9 | |
| Cedarbrae 16 | Rx07 | -9834.6 | 5647145.4 | 62.4 | | 62.3 | | 61.4 | | 62.5 | | 62.4 | | 61.5 | |
| Cedarbrae 17 | Rx07 | -9841.4 | 5647129.1 | 63.1 | | 63.1 | | 62.1 | | 63.2 | | 63.2 | | 62.2 | |
| Cedarbrae 18 | Rx07 | -9846.3 | 5647112 | 62.9 | | 62.8 | | 61.6 | | 63 | | 62.8 | | 61.7 | |
| Cedarbrae 19 | Rx07 | -9849.1 | 5647092.4 | 64.2 | | 63.9 | | 62.8 | | 64.2 | | 64 | | 62.9 | |
| Cedarbrae 20 | Rx07 | -9851.7 | 5647073.9 | 64.7 | | 61.6 | | 63.1 | | 64.7 | | 61.7 | | 63.2 | |
| Cedarbrae 21 | Rx07 | -9853.5 | 5647061.8 | 65.1 | 0.1 | 61.9 | | 63.5 | | 65.2 | 0.2 | 62 | | 63.6 | |
| Cedarbrae 22 | Rx07 | -9855.8 | 5647042 | 65.1 | 0.1 | 61.6 | | 63.3 | | 65.2 | 0.2 | 61.7 | | 63.4 | |
| Cedarbrae 23 | Rx07 | -9856.4 | 5647020.2 | 65.4 | 0.4 | 63.2 | | 63.5 | | 65.5 | 0.5 | 63.3 | | 63.5 | |
| Cedarbrae 24 | Rx07 | -9856.8 | 5647005.2 | 65 | | 61.4 | | 63.1 | | 65.1 | 0.1 | 61.5 | | 63.2 | |
| Cedarbrae 25 | Rx07 | -9857.2 | 5646984.8 | 65.6 | 0.6 | 63.3 | | 63.7 | | 65.7 | 0.7 | 63.4 | | 63.8 | |
| Cedarbrae 26 | Rx07 | -9857.4 | 5646966.4 | 65.1 | 0.1 | 62.1 | | 63.3 | | 65.2 | 0.2 | 62.2 | | 63.4 | |
| Cedarbrae 27 | Rx07 | -9857.4 | 5646950.4 | 64.8 | | 61.5 | | 63.1 | | 64.9 | | 61.6 | | 63.2 | |
| Cedarbrae 28 | Rx07 | -9857.3 | 5646934.8 | 65 | | 62.8 | | 63.2 | | 65.1 | 0.1 | 62.9 | | 63.3 | |
| Cedarbrae 29 | Rx07 | -9857.3 | 5646918.5 | 65.4 | 0.4 | 62.2 | | 63.4 | | 65.4 | 0.4 | 62.3 | | 63.5 | |
| Cedarbrae 30 | Rx07 | -9857.5 | 5646899.2 | 65.7 | 0.7 | 62.3 | | 63.7 | | 65.8 | 0.8 | 62.4 | | 63.8 | |
| Cedarbrae 31 | Rx07 | -9857.6 | 5646875.1 | 66 | 1 | 63.9 | | 64.0 | | 66.1 | 1.1 | 64 | | 64.1 | |
| Cedarbrae 32 | Rx07 | -9835.6 | 5646840 | 63.9 | | 62.7 | | 62.8 | | 64 | | 62.8 | | 62.9 | |
| Cedarbrae 33 | Rx07 | -9833.5 | 5646833.9 | 64.1 | | 64 | | 63.1 | | 64.2 | | 64.1 | | 63.2 | |
| Cedarbrae 34 | Rx07 | -9833.4 | 5646807 | 64.4 | | 64.4 | | 63.8 | | 64.5 | | 64.5 | | 63.9 | |
| Cedarbrae 35 | Rx07 | -9833.5 | 5646771.4 | 63.7 | | 63.7 | | 63.8 | | 63.8 | | 63.8 | | 63.9 | |
| Cedarbrae 36 | Rx07 | -9833.6 | 5646734.5 | 62.4 | | 62.4 | | 62.6 | | 62.5 | | 62.5 | | 62.8 | |
| Cedarbrae 37 | Rx07 | -9833.6 | 5646710.7 | 63.8 | | 63.8 | | 63.4 | | 63.9 | | 63.9 | | 63.6 | |
| Cedarbrae 38 | Rx07 | -9833.7 | 5646688 | 64.7 | | 64.7 | | 64.0 | | 64.8 | | 64.8 | | 64.1 | |
| Cedarbrae 39 | Rx07 | -9825.2 | 5646646.5 | 65.3 | 0.3 | 64.4 | | 64.7 | | 65.5 | 0.5 | 64.6 | | 64.8 | |
| Cedarbrae 40 | Rx07 | -9817.9 | 5646613.6 | 65.3 | 0.3 | 64.8 | | 64.6 | | 65.4 | 0.4 | 64.9 | | 64.7 | |
| Cedarbrae 41 | Rx07 | -9811.8 | 5646585.7 | 64.4 | | 64.4 | | 63.7 | | 64.6 | | 64.5 | | 63.9 | |
| Cedarbrae 42 | Rx07 | -9807.2 | 5646565 | 64 | | 64 | | 63.4 | | 64.2 | | 64.2 | | 63.5 | |
| Cedarbrae 43 | Rx07 | -9795.4 | 5646527.9 | 62.7 | | 62.6 | | 62.2 | | 62.9 | | 62.8 | | 62.3 | |
| Cedarbrae 44 | Rx07 | -9766.5 | 5646494.7 | 62.8 | | 62.8 | | 62.7 | | 63 | | 63 | | 62.9 | |
| Cedarbrae 45 | Rx07 | -9725.8 | 5646394.3 | 64.4 | | 64.4 | | 64.4 | | 64.6 | | 64.7 | | 64.7 | |
| Cedarbrae 46 | Rx07 | -9703 | 5646336.4 | 64.5 | | 64.6 | | 64.5 | | 64.8 | | 64.8 | | 64.9 | |
| Cedarbrae 47 | Rx07 | -9686.7 | 5646292.9 | 64.7 | | 64.8 | | 64.6 | | 65 | | 64.9 | | 64.9 | |
| Cedarbrae 48 | Rx07 | -9662.3 | 5646233.3 | 65 | | 64.9 | | 64.6 | | 65.4 | 0.4 | 64.5 | | 64.5 | |
| Cedarbrae 49 | Rx07 | -9651.2 | 5646203.2 | 65.9 | 0.9 | 64 | | 64.7 | | 66.4 | 1.4 | 64.4 | | 64.4 | |
| Cedarbrae 50 | Rx07 | -9570.4 | 5646141.2 | 64.6 | | 62 | | 64.1 | | 65.1 | 0.1 | 62.4 | | 62.4 | |
| Cedarbrae 51 | Rx07 | -9528.4 | 5646103.6 | 67.3 | 2.3 | Mitigation as per City of Calgary requirements | | Mitigation as per City of Calgary requirements | | 67.9 | 2.9 | Mitigation as per City of Calgary requirements | | Mitigation as per City of Calgary requirements | |
| Cedarbrae 52 | Rx07 | -9465.9 | 5646085.4 | 66.4 | 1.4 | | | | | 67.1 | 2.1 | | | | |
| Cedarbrae 53 | Rx07 | -9411.7 | 5646086.8 | 64.1 | | | | | | 64.7 | | | | | |

SWCRR Segment 2 Noise Prediction Results
BKL Consultants Ltd.
February 2018

Colour Key
64 < Leq24 ≤ 65
Leq24 > 65

2050 Forecast Year

| Receiver | | Coordinates | | 2050 Traffic - Mainline Trucks 8%, Cross streets and ramps 5% | | | | | | 2050 Traffic - All Roads 8.4% | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | No Mitigation | | With Mitigation (TUC Alignment) | | Mitigation (Top of Berm/CZ Alignment) | | No Mitigation | | With Mitigation (TUC Alignment) | | Mitigation (Top of Berm/CZ Alignment) | |
| Name | Group | Easting (m) | Northing (m) | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA |
| Cedarbrae 54 | Rx07 | -9365.4 | 5646083.6 | 64 | | | | | | 64.7 | | | | | |
| Cedarbrae 55 | Rx07 | -9319.9 | 5646081.3 | 62.9 | | | | | | 63.5 | | | | | |
| Cedarbrae 56 | Rx07 | -9267.9 | 5646081.2 | 61.4 | | | | | | 62 | | | | | |
| Cedarbrae 57 | Rx07 | -9242.9 | 5646067.3 | 60.3 | | | | | | 60.9 | | | | | |
| Cedarbrae 58 | Rx07 | -9202.2 | 5646067.2 | 58.5 | | | | | | 59.1 | | | | | |
| Cedarbrae 59 | Rx07 | -9164.5 | 5646067.1 | 59.1 | | | | | | 59.7 | | | | | |
| Cedarbrae 60 | Rx07 | -9095.8 | 5646066.9 | 60.4 | | | | | | 61.1 | | | | | |
| Woodbine 001 | Rx08 | -9091.3 | 5645958.8 | 57.8 | | 57.7 | | 57.9 | | 58.4 | | 58.4 | | 58.4 | |
| Woodbine 002 | Rx08 | -9140.5 | 5645971.7 | 60.1 | | 60.1 | | 60.1 | | 60.7 | | 60.7 | | 60.7 | |
| Woodbine 003 | Rx08 | -9169.3 | 5645962.3 | 58.4 | | 58.4 | | 58.5 | | 59.1 | | 59 | | 59.0 | |
| Woodbine 004 | Rx08 | -9213.4 | 5645959 | 61.1 | | 61.0 | | 60.9 | | 61.7 | | 61.7 | | 61.5 | |
| Woodbine 005 | Rx08 | -9220.6 | 5645959 | 61.5 | | 61.4 | | 61.4 | | 62.1 | | 62.0 | | 62.1 | |
| Woodbine 006 | Rx08 | -9227 | 5645958.9 | 61.6 | | 61.6 | | 61.3 | | 62.2 | | 62.2 | | 62.0 | |
| Woodbine 007 | Rx08 | -9236.9 | 5645958.9 | 61.7 | | 61.7 | | 61.3 | | 62.4 | | 62.3 | | 61.9 | |
| Woodbine 008 | Rx08 | -9243.5 | 5645959 | 62.5 | | 62.2 | | 61.8 | | 63.2 | | 62.8 | | 62.5 | |
| Woodbine 009 | Rx08 | -9251.9 | 5645959.1 | 63.4 | | 62.3 | | 62.2 | | 64.1 | | 62.9 | | 62.9 | |
| Woodbine 010 | Rx08 | -9258.5 | 5645959.1 | 63.7 | | 61.9 | | 62.1 | | 64.4 | | 62.6 | | 62.7 | |
| Woodbine 011 | Rx08 | -9269.5 | 5645959.1 | 64.4 | | 62.5 | | 62.6 | | 65.1 | 0.1 | 63.1 | | 63.1 | |
| Woodbine 012 | Rx08 | -9279.2 | 5645959.1 | 64.7 | | 62.4 | | 62.8 | | 65.4 | 0.4 | 63.1 | | 63.1 | |
| Woodbine 013 | Rx08 | -9285.6 | 5645959.1 | 65.1 | 0.1 | 62.8 | | 63.2 | | 65.8 | 0.8 | 63.3 | | 63.4 | |
| Woodbine 014 | Rx08 | -9292.2 | 5645959.1 | 65.7 | 0.7 | 63.4 | | 64.0 | | 66.4 | 1.4 | 63.7 | | 63.8 | |
| Woodbine 015 | Rx08 | -9302.1 | 5645958.9 | 65.7 | 0.7 | 64.4 | | 64.7 | | 66.4 | 1.4 | 64.2 | | 64.3 | |
| Woodbine 016 | Rx08 | -9308.8 | 5645958.6 | 65.0 | | 64.2 | | 64.4 | | 65.7 | 0.7 | 63.5 | | 63.8 | |
| Woodbine 017 | Rx08 | -9317.9 | 5645957.2 | 64.8 | | 64.6 | | 64.5 | | 65.5 | 0.5 | 63.8 | | 64.2 | |
| Woodbine 018 | Rx08 | -9326.4 | 5645955.9 | 63.8 | | 63.9 | | 63.9 | | 64.5 | | 63.3 | | 63.6 | |
| Woodbine 019 | Rx08 | -9336 | 5645954.5 | 63.3 | | 63.5 | | 63.4 | | 63.9 | | 63.4 | | 63.5 | |
| Woodbine 020 | Rx08 | -9341.9 | 5645953.5 | 63.1 | | 63.3 | | 63.3 | | 63.7 | | 63.6 | | 63.6 | |
| Woodbine 021 | Rx08 | -9350 | 5645952.2 | 63.1 | | 63.3 | | 63.3 | | 63.8 | | 63.9 | | 63.9 | |
| Woodbine 022 | Rx08 | -9357.9 | 5645950.9 | 62.4 | | 62.5 | | 62.6 | | 63.0 | | 63.2 | | 63.2 | |
| Woodbine 023 | Rx08 | -9367.7 | 5645949.4 | 62.3 | | 62.3 | | 62.5 | | 62.9 | | 63.0 | | 63.1 | |
| Woodbine 024 | Rx08 | -9375 | 5645948.2 | 62.3 | | 62.4 | | 62.5 | | 62.9 | | 63.0 | | 63.1 | |
| Woodbine 025 | Rx08 | -9382.8 | 5645947 | 61.4 | | 61.4 | | 61.6 | | 62.0 | | 62.1 | | 62.1 | |
| Woodbine 026 | Rx08 | -9390.9 | 5645945.7 | 61.3 | | 61.3 | | 61.5 | | 61.9 | | 61.9 | | 62.0 | |
| Woodbine 027 | Rx08 | -9398.2 | 5645944.6 | 61.1 | | 61.1 | | 61.3 | | 61.7 | | 61.7 | | 61.8 | |
| Woodbine 028 | Rx08 | -9424.9 | 5645940.4 | 61.2 | | 61.3 | | 61.6 | | 61.8 | | 61.9 | | 61.9 | |
| Woodbine 029 | Rx08 | -9491.6 | 5645930.9 | 63.3 | | 63.5 | | 63.9 | | 63.9 | | 64.1 | | 64.1 | |
| Woodbine 030 | Rx08 | -9519.6 | 5645928.8 | 63.8 | | 64.0 | | 64.1 | | 64.3 | | 64.5 | | 64.5 | |
| Woodbine 031 | Rx08 | -9587.2 | 5645874.4 | 62.8 | | 62.9 | | | | 63.2 | | 63.3 | | | |
| Woodbine 032 | Rx08 | -9630.8 | 5645839.4 | 63.2 | | 63.3 | | | | 63.6 | | 63.7 | | | |
| Woodbine 033 | Rx08 | -9687.6 | 5645789.6 | 64.4 | | 64.5 | | | | 64.7 | | 64.7 | | | |
| Woodbine 034 | Rx08 | -9706.7 | 5645750.1 | 63.3 | | 63.4 | | | | 63.6 | | 63.6 | | | |
| Woodbine 035 | Rx08 | -9724.2 | 5645676.3 | 63.2 | | 63.3 | | | | 63.4 | | 63.5 | | | |
| Woodbine 036 | Rx08 | -9729.2 | 5645659.5 | 63.2 | | 63.3 | | | | 63.4 | | 63.4 | | | |
| Woodbine 037 | Rx08 | -9748.7 | 5645593.8 | 64.3 | | 64.2 | | | | 64.4 | | 64.4 | | | |
| Woodbine 038 | Rx08 | -9755.5 | 5645572.6 | 64.4 | | 64.1 | | | | 64.6 | | 64.3 | | | |
| Woodbine 039 | Rx08 | -9785.9 | 5645531.1 | 65.7 | 0.7 | 63.0 | | | | 65.9 | 0.9 | 63.1 | | | |
| Woodbine 040 | Rx08 | -9792.7 | 5645514 | 65.3 | 0.3 | 62.0 | | | | 65.5 | 0.5 | 62.1 | | | |
| Woodbine 041 | Rx08 | -9797.3 | 5645501.3 | 65.6 | 0.6 | 61.9 | | | | 65.7 | 0.7 | 62.1 | | | |
| Woodbine 042 | Rx08 | -9805.8 | 5645475.5 | 65.7 | 0.7 | 62.3 | | | | 65.8 | 0.8 | 62.5 | | | |
| Woodbine 043 | Rx08 | -9813.6 | 5645447.1 | 65.5 | 0.5 | 62.8 | | | | 65.6 | 0.6 | 62.9 | | | |
| Woodbine 044 | Rx08 | -9819.2 | 5645421.5 | 65.8 | 0.8 | 63.2 | | | | 65.9 | 0.9 | 63.3 | | | |
| Woodbine 045 | Rx08 | -9824.4 | 5645391.5 | 66.1 | 1.1 | 63.5 | | | | 66.2 | 1.2 | 63.6 | | | |
| Woodbine 046 | Rx08 | -9827.7 | 5645365.9 | 66.1 | 1.1 | 63.1 | | | | 66.2 | 1.2 | 63.2 | | | |
| Woodbine 047 | Rx08 | -9831.5 | 5645331.5 | 66.9 | 1.9 | 63.7 | | | | 67.0 | 2.0 | 63.9 | | | |
| Woodbine 048 | Rx08 | -9834.1 | 5645303.6 | 67.7 | 2.7 | 64.1 | | | | 67.7 | 2.7 | 64.2 | | | |
| Woodbine 049 | Rx08 | -9836.2 | 5645277.6 | 67.5 | 2.5 | 64.1 | | | | 67.6 | 2.6 | 64.2 | | | |
| Woodbine 050 | Rx08 | -9838 | 5645249.6 | 66.7 | 1.7 | 63.8 | | | | 66.8 | 1.8 | 63.9 | | | |
| Woodbine 051 | Rx08 | -9839.4 | 5645218.5 | 66.1 | 1.1 | 63.3 | | | | 66.2 | 1.2 | 63.4 | | | |
| Woodbine 052 | Rx08 | -9840.3 | 5645192 | 66.1 | 1.1 | 62.6 | | | | 66.2 | 1.2 | 62.7 | | | |
| Woodbine 053 | Rx08 | -9840.7 | 5645168 | 66.9 | 1.9 | 63.2 | | | | 66.9 | 1.9 | 63.3 | | | |
| Woodbine 054 | Rx08 | -9840.8 | 5645139.9 | 66.3 | 1.3 | 62.9 | | | | 66.4 | 1.4 | 63.0 | | | |
| Woodbine 055 | Rx08 | -9840.4 | 5645114.4 | 66.2 | 1.2 | 62.3 | | | | 66.3 | 1.3 | 62.4 | | | |
| Woodbine 056 | Rx08 | -9839.7 | 5645087.1 | 65.9 | 0.9 | 62.8 | | | | 66.0 | 1.0 | 62.9 | | | |
| Woodbine 057 | Rx08 | -9838.4 | 5645057.3 | 64.2 | | 61.4 | | | | 64.3 | | 61.5 | | | |
| Woodbine 058 | Rx08 | -9837.1 | 5645035.2 | 64.2 | | 61.8 | | | | 64.3 | | 61.9 | | | |
| Woodbine 059 | Rx08 | -9834.5 | 5644999.6 | 64.5 | | 61.2 | | | | 64.6 | | 61.3 | | | |
| Woodbine 060 | Rx08 | -9831.2 | 5644964 | 64.2 | | 60.8 | | | | 64.3 | | 60.9 | | | |
| Woodbine 061 | Rx08 | -9829 | 5644944.2 | 64.4 | | 61.2 | | | | 64.5 | | 61.3 | | | |
| Woodbine 062 | Rx08 | -9826.3 | 5644922.3 | 65.5 | 0.5 | 63.1 | | | | 65.5 | 0.5 | 63.2 | | | |
| Woodbine 063 | Rx08 | -9823.2 | 5644898.6 | 64.9 | | 63.8 | | | | 65.0 | | 63.9 | | | |
| Woodbine 064 | Rx08 | -9820 | 5644877.1 | 64.2 | | 63.8 | | | | 64.3 | | 63.9 | | | |
| Woodbine 065 | Rx08 | -9817.5 | 5644860.7 | 62.9 | | 62.8 | | | | 63.0 | | 62.9 | | | |
| Woodbine 066 | Rx08 | -9814.2 | 5644841 | 63.5 | | | | | | 63.6 | | | | | |
| Woodbine 067 | Rx08 | -9809.6 | 5644811.2 | 63.3 | | | | | | 63.4 | | | | | |
| Woodbine 068 | Rx08 | -9806.3 | 5644788.3 | 63.9 | | | | | | 64.0 | | | | | |
| Woodbine 069 | Rx08 | -9803.5 | 5644766.8 | 62.9 | | | | | | 63.0 | | | | | |
| Woodbine 070 | Rx08 | -9799.1 | 5644727.1 | 63.6 | | | | | | 63.6 | | | | | |
| Woodbine 071 | Rx08 | -9796.7 | 5644700.6 | 62.8 | | | | | | 62.9 | | | | | |
| Woodbine 072 | Rx08 | -9794.1 | 5644667.7 | 62.5 | | | | | | 62.6 | | | | | |
| Woodbine 073 | Rx08 | -9793.1 | 5644651.2 | 64.0 | | | | | | 64.1 | | | | | |
| Woodbine 074 | Rx08 | -9791.8 | 5644626.5 | 63.7 | | | | | | 63.8 | | | | | |
| Woodbine 075 | Rx08 | -9787.6 | 5644598.1 | 62.1 | | | | | | 62.3 | | | | | |
| Woodbine 076 | Rx08 | -9781.4 | 5644568 | 61.8 | | | | | | 61.9 | | | | | |
| Woodbine 077 | Rx08 | -9770.5 | 5644545.6 | 62.3 | | | | | | 62.5 | | | | | |
| Woodbine 078 | Rx08 | -9762.1 | 5644528.3 | 61.3 | | | | | | 61.5 | | | | | |
| Woodbine 079 | Rx08 | -9754.8 | 5644513.2 | 61.3 | | | | | | 61.6 | | | | | |
| Woodbine 080 | Rx08 | -9749.1 | 5644501.5 | 61.1 | | | | | | 61.4 | | | | | |
| Woodbine 081 | Rx08 | -9743.5 | 5644490.1 | 60.7 | | | | | | 61.1 | | | | | |
| Woodbine 082 | Rx08 | -9737.6 | 5644478 | 61.1 | | | | | | 61.5 | | | | | |
| Woodbine 083 | Rx08 | -9731 | 5644464.4 | 63.0 | | | | | | 63.6 | | | | | |
| Woodbine 084 | Rx08 | -9717.2 | 5644448 | 62.6 | | | | | | 63.4 | | | | | |
| Woodbine 085 | Rx08 | -9694.1 | 5644442.9 | 63.2 | | | | | | 64.2 | | | | | |
| Woodbine 086 | Rx08 | -9678.7 | 5644439.6 | 63.2 | | | | | | 64.3 | | | | | |
| Woodbine 087 | Rx08 | -9665.2 | 5644438.4 | 63.5 | | | | | | 64.6 | | | | | |
| Woodbine 088 | Rx08 | -9644.1 | 5644438.3 | 63.0 | | | | | | 64.2 | | | | | |
| Woodbine 089 | Rx08 | -9630.6 | 5644438.3 | 62.9 | | | | | | 64.2 | | | | | |
| Woodbine 090 | Rx08 | -9633.5 | 5644394.1 | 62.1 | | | | | | 63.3 | | | | | |
| Woodbine 091 | Rx08 | -9664.2 | 5644390.2 | 61.8 | | | | | | 62.8 | | | | | |
| Woodbine 092 | Rx08 | -9688.9 | 5644387.1 | 62.3 | | 62.3 | | | | 63.1 | | 63.1 | | | |
| Woodbine 093 | Rx08 | -9717.9 | 5644382.6 | 64.0 | | 64.0 | | | | 64.7 | | 64.7 | | | |
| Woodbine 094 | Rx08 | -9733 | 5644340.9 | 64.4 | | 64.2 | | | | 64.9 | | 64.7 | | | |
| Woodbine 095 | Rx08 | -9739.4 | 5644317.5 | 65.7 | 0.7 | 61.0 | | | | 66.0 | 1.0 | 61.3 | | | |
| Woodbine 096 | Rx08 | -9742.9 | 5644298.8 | 66.3 | 1.3 | 60.4 | | | | 66.6 | 1.6 | 60.7 | | | |
| Woodbine 097 | Rx08 | -9746.4 | 5644280.7 | 66.8 | 1.8 | 60.5 | | | | 67.1 | 2.1 | 60.7 | | | |
| Woodbine 098 | Rx08 | -9749.9 | 5644262 | 66.6 | 1.6 | 60.0 | | | | 66.8 | 1.8 | 60.2 | | | |
| Woodbine 099 | Rx08 | -9753.2 | 5644244.7 | 67.1 | 2.1 | 61.2 | | | | 67.2 | 2.2 | 61.5 | | | |
| Woodbine 100 | Rx08 | -9757.3 | 5644223.4 | 67.1 | 2.1 | 60.0 | | | | 67.3 | 2.3 | 60.2 | | | |
| Woodbine 101 | Rx08 | -9763.4 | 5644191.3 | 66.6 | 1.6 | 62.5 | | | | 66.7 | 1.7 | 62.6 | | | |
| Woodbine 102 | Rx08 | -9764.2 | 5644187.5 | 66.5 | 1.5 | 63.5 | | | | 66.6 | 1.6 | 63.6 | | | |
| Woodbine 103 | Rx08 | -9766 | 5644142.1 | 66.4 | 1.4 | 61.9 | | | | 66.6 | 1.6 | 62.0 | | | |
| Woodbine 104 | Rx08 | -9751.8 | 5644130.7 | 66.2 | 1.2 | 64.3 | | | | 66.3 | 1.3 | 64.4 | | | |
| Woodbine 105 | Rx08 | -9719.4 | 5644111.7 | 62.0 | | 61.7 | | | | 62.1 | | 61.8 | | | |
| Woodbine 106 | Rx08 | -9688.8 | 5644106.9 | 59.3 | | 59.3 | | | | 59.4 | | 59.4 | | | |
| Woodbine 107 | Rx08 | -9668 | 5644103.8 | 61.1 | | 61.1 | | | | 61.1 | | 61.1 | | | |
| Woodbine 108 | Rx08 | -9648.1 | 5644100.8 | 62.0 | | 62.0 | | | | 62.1 | | 62.0 | | | |
| Woodbine 109 | Rx08 | -9632.7 | 5644093.1 | 61.5 | | 61.4 | | | | 61.6 | | 61.5 | | | |
| Woodbine 110 | Rx08 | -9614.3 | 5644071.3 | 59.5 | | 59.5 | | | | 59.6 | | 59.6 | | | |
| Evergreen 001 | Rx09 | -9390.7 | 5643028.8 | 58.5 | | | | | | 58.7 | | | | | |
| Evergreen 002 | Rx09 | -9390.7 | 5643015.3 | 57.1 | | | | | | 57.2 | | | | | |
| Evergreen 003 | Rx09 | -9390.8 | 5643001.2 | 56.0 | | | | | | 56.2 | | | | | |

SWCRR Segment 2 Noise Prediction Results
BKL Consultants Ltd.
February 2018

| Colour Key |
|---|
| 64 < Leq24 ≤ 65 |
| Leq24 > 65 |

2050 Forecast Year

| Receiver | | Coordinates | | 2050 Traffic - Mainline Trucks 8%, Cross streets and ramps 5% | | | | | | 2050 Traffic - All Roads 8.4% | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | No Mitigation | | With Mitigation (TUC Alignment) | | Mitigation (Top of Berm/CZ Alignment) | | No Mitigation | | With Mitigation (TUC Alignment) | | Mitigation (Top of Berm/CZ Alignment) | |
| Name | Group | Easting | Northing | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance |
| | | (m) | (m) | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA |
| Evergreen 004 | Rx09 | -9390.8 | 5642985.3 | 54.0 | | | | | | 54.3 | | | | | |
| Evergreen 005 | Rx09 | -9383.3 | 5642969.5 | 56.7 | | | | | | 56.9 | | | | | |
| Evergreen 006 | Rx09 | -9370.2 | 5642955.7 | 56.0 | | | | | | 56.3 | | | | | |
| Evergreen 007 | Rx09 | -9362.1 | 5642946.8 | 56.5 | | | | | | 56.7 | | | | | |
| Evergreen 008 | Rx09 | -9352.6 | 5642936.4 | 56.3 | | | | | | 56.6 | | | | | |
| Evergreen 009 | Rx09 | -9345.4 | 5642928.1 | 56.8 | | | | | | 57.0 | | | | | |
| Evergreen 010 | Rx09 | -9337.1 | 5642918.5 | 56.6 | | | | | | 56.9 | | | | | |
| Evergreen 011 | Rx09 | -9330.9 | 5642911.1 | 57.3 | | | | | | 57.6 | | | | | |
| Evergreen 012 | Rx09 | -9322.2 | 5642900.5 | 56.8 | | | | | | 57.1 | | | | | |
| Evergreen 013 | Rx09 | -9313.9 | 5642890.2 | 56.9 | | | | | | 57.2 | | | | | |
| Evergreen 014 | Rx09 | -9307 | 5642881.3 | 57.3 | | | | | | 57.7 | | | | | |
| Evergreen 015 | Rx09 | -9301.2 | 5642873.7 | 58.4 | | | | | | 58.7 | | | | | |
| Evergreen 016 | Rx09 | -9292.4 | 5642862.1 | 58.8 | | | | | | 59.1 | | | | | |
| Evergreen 017 | Rx09 | -9285.5 | 5642852.6 | 58.8 | | | | | | 59.2 | | | | | |
| Evergreen 018 | Rx09 | -9277.2 | 5642841.8 | 59.6 | | | | | | 60.0 | | | | | |
| Evergreen 019 | Rx09 | -9267.5 | 5642829.3 | 63.1 | | | | | | 63.4 | | | | | |
| Evergreen 020 | Rx09 | -9261.1 | 5642821.1 | 63.0 | | | | | | 63.4 | | | | | |
| Evergreen 021 | Rx09 | -9247.4 | 5642803.5 | 64.5 | | | | | | 65.0 | | | | | |
| Evergreen 022 | Rx09 | -9235.6 | 5642790.5 | 63.3 | | | | | | 63.9 | | | | | |
| Evergreen 023 | Rx09 | -9218 | 5642790.4 | 62.4 | | | | | | 62.9 | | | | | |
| Evergreen 024 | Rx09 | -9203.2 | 5642790.4 | 61.7 | | | | | | 62.3 | | | | | |
| Evergreen 025 | Rx09 | -9187.6 | 5642790.4 | 61.3 | | | | | | 61.9 | | | | | |
| Evergreen 026 | Rx09 | -9174.4 | 5642790.4 | 61.3 | | | | | | 62.0 | | | | | |
| Evergreen 027 | Rx09 | -9160.3 | 5642790.3 | 59.8 | | | | | | 60.6 | | | | | |
| Evergreen 028 | Rx09 | -9147.6 | 5642790.3 | 60.5 | | | | | | 61.3 | | | | | |
| Evergreen 029 | Rx09 | -9135.4 | 5642790.3 | 61.4 | | | | | | 62.2 | | | | | |
| Evergreen 030 | Rx09 | -9125.2 | 5642790.3 | 61.2 | | | | | | 61.9 | | | | | |
| Evergreen 031 | Rx09 | -9110.1 | 5642790.3 | 60.3 | | | | | | 61.0 | | | | | |
| Evergreen 032 | Rx09 | -9096.9 | 5642790.2 | 61.5 | | | | | | 62.2 | | | | | |
| Evergreen 033 | Rx09 | -9085.6 | 5642790.2 | 62.6 | | | | | | 63.4 | | | | | |
| Evergreen 034 | Rx09 | -9072.9 | 5642790.2 | 62.3 | | | | | | 63.1 | | | | | |
| Evergreen 035 | Rx09 | -9060.6 | 5642790.2 | 61.9 | | | | | | 62.8 | | | | | |
| Evergreen 036 | Rx09 | -9049.4 | 5642790.2 | 61.2 | | | | | | 62.0 | | | | | |
| Evergreen 037 | Rx09 | -9035.9 | 5642790.7 | 62.1 | | | | | | 63.0 | | | | | |
| Evergreen 038 | Rx09 | -9025.4 | 5642792.3 | 61.9 | | | | | | 62.8 | | | | | |
| Evergreen 039 | Rx09 | -9011.7 | 5642794.1 | 61.3 | | | | | | 62.1 | | | | | |
| Evergreen 040 | Rx09 | -9001.2 | 5642795.2 | 61.0 | | | | | | 61.8 | | | | | |
| Evergreen 041 | Rx09 | -8987.2 | 5642796.4 | 60.6 | | | | | | 61.4 | | | | | |
| Evergreen 042 | Rx09 | -8977.3 | 5642797.1 | 60.3 | | | | | | 61.1 | | | | | |
| Evergreen 043 | Rx09 | -8964.3 | 5642797.7 | 59.2 | | | | | | 60.1 | | | | | |
| Evergreen 044 | Rx09 | -8951.5 | 5642797.9 | 59.6 | | | | | | 60.4 | | | | | |
| Evergreen 045 | Rx09 | -8943.1 | 5642756.8 | 62.4 | | | | | | 63.2 | | | | | |
| Evergreen 046 | Rx09 | -8966.7 | 5642754.1 | 62.9 | | | | | | 63.8 | | | | | |
| Evergreen 047 | Rx09 | -8985.2 | 5642750.9 | 63.3 | | | | | | 64.1 | | | | | |
| Evergreen 048 | Rx09 | -9006.9 | 5642744.2 | 62.4 | | | | | | 63.0 | | | | | |
| Evergreen 049 | Rx09 | -9012.3 | 5642710.6 | 62.2 | | | | | | 62.9 | | | | | |
| Evergreen 050 | Rx09 | -9004.7 | 5642697.3 | 63.2 | | | | | | 63.8 | | | | | |
| Evergreen 051 | Rx09 | -8999.3 | 5642686.2 | 63.1 | | | | | | 63.7 | | | | | |
| Evergreen 052 | Rx09 | -8994.9 | 5642675.1 | 62.7 | | | | | | 63.2 | | | | | |
| Evergreen 053 | Rx09 | -8992.2 | 5642666.7 | 62.2 | | | | | | 62.7 | | | | | |
| Evergreen 054 | Rx09 | -8989.3 | 5642656 | 62.6 | | | | | | 63.1 | | | | | |
| Evergreen 055 | Rx09 | -8986.8 | 5642643.4 | 62.2 | | | | | | 62.7 | | | | | |
| Evergreen 056 | Rx09 | -8984.7 | 5642621 | 61.5 | | | | | | 62.0 | | | | | |
| Evergreen 057 | Rx09 | -8984.8 | 5642608.7 | 61.6 | | | | | | 62.0 | | | | | |
| Evergreen 058 | Rx09 | -8986.3 | 5642591.3 | 63.1 | | | | | | 63.5 | | | | | |
| Evergreen 059 | Rx09 | -8988.7 | 5642577.3 | 63.0 | | | | | | 63.4 | | | | | |
| Evergreen 060 | Rx09 | -8991.4 | 5642566.9 | 63.1 | | | | | | 63.5 | | | | | |
| Evergreen 061 | Rx09 | -8994.7 | 5642556.6 | 63.3 | | | | | | 63.7 | | | | | |
| Evergreen 062 | Rx09 | -8998 | 5642548.1 | 63.2 | | | | | | 63.5 | | | | | |
| Evergreen 063 | Rx09 | -9002.7 | 5642537.5 | 63.1 | | | | | | 63.4 | | | | | |
| Evergreen 064 | Rx09 | -9007.7 | 5642526.8 | 63.1 | | | | | | 63.4 | | | | | |
| Evergreen 065 | Rx09 | -9012.1 | 5642517.4 | 63.1 | | 63.2 | | | | 63.5 | | 63.6 | | | |
| Evergreen 066 | Rx09 | -9023.2 | 5642494.1 | 63.4 | | 63.5 | | | | 63.6 | | 63.7 | | | |
| Evergreen 067 | Rx09 | -9033.9 | 5642470.9 | 63.5 | | 63.4 | | | | 63.7 | | 63.6 | | | |
| Evergreen 068 | Rx09 | -9044.1 | 5642446.4 | 65.4 | 0.4 | 61.2 | | | | 65.6 | 0.6 | 61.4 | | | |
| Evergreen 069 | Rx09 | -9048.9 | 5642413.3 | 67.2 | 2.2 | 61.3 | | | | 67.3 | 2.3 | 61.5 | | | |
| Evergreen 070 | Rx09 | -9048.9 | 5642401.6 | 66.9 | 1.9 | 60.5 | | | | 67.0 | 2.0 | 60.6 | | | |
| Evergreen 071 | Rx09 | -9048.9 | 5642391.4 | 67.5 | 2.5 | 61.7 | | | | 67.7 | 2.7 | 61.9 | | | |
| Evergreen 072 | Rx09 | -9048.9 | 5642380.7 | 67.2 | 2.2 | 61.6 | | | | 67.4 | 2.4 | 61.7 | | | |
| Evergreen 073 | Rx09 | -9048.9 | 5642368.7 | 67.4 | 2.4 | 61.4 | | | | 67.5 | 2.5 | 61.6 | | | |
| Evergreen 074 | Rx09 | -9048.9 | 5642358 | 67.7 | 2.7 | 61.6 | | | | 67.8 | 2.8 | 61.7 | | | |
| Evergreen 075 | Rx09 | -9048.9 | 5642347.2 | 67.8 | 2.8 | 60.9 | | | | 68.0 | 3.0 | 61.1 | | | |
| Evergreen 076 | Rx09 | -9048.9 | 5642333.9 | 67.8 | 2.8 | 61.6 | | | | 68.0 | 3.0 | 61.8 | | | |
| Evergreen 077 | Rx09 | -9049 | 5642310.7 | 67.6 | 2.6 | 60.9 | | | | 67.8 | 2.8 | 61.0 | | | |
| Evergreen 078 | Rx09 | -9049 | 5642283.9 | 67.8 | 2.8 | 60.8 | | | | 67.9 | 2.9 | 60.9 | | | |
| Evergreen 079 | Rx09 | -9049 | 5642269.5 | 68.2 | 3.2 | 61.1 | | | | 68.3 | 3.3 | 61.2 | | | |
| Evergreen 080 | Rx09 | -9046.7 | 5642251.1 | 68.1 | 3.1 | 60.8 | | | | 68.2 | 3.2 | 60.9 | | | |
| Evergreen 081 | Rx09 | -9042.4 | 5642233 | 67.6 | 2.6 | 61.2 | | | | 67.7 | 2.7 | 61.3 | | | |
| Evergreen 082 | Rx09 | -9040.1 | 5642223.6 | 67.5 | 2.5 | 61.5 | | | | 67.6 | 2.6 | 61.6 | | | |
| Evergreen 083 | Rx09 | -9036.9 | 5642209.8 | 67.5 | 2.5 | 61.4 | | | | 67.6 | 2.6 | 61.6 | | | |
| Evergreen 084 | Rx09 | -9034.9 | 5642201.5 | 68.2 | 3.2 | 62.1 | | | | 68.3 | 3.3 | 62.2 | | | |
| Evergreen 085 | Rx09 | -9032.2 | 5642190 | 68.5 | 3.5 | 62.4 | | | | 68.6 | 3.6 | 62.6 | | | |
| Evergreen 086 | Rx09 | -9029.8 | 5642179.5 | 68.5 | 3.5 | 61.8 | | | | 68.6 | 3.6 | 61.9 | | | |
| Evergreen 087 | Rx09 | -9027.3 | 5642168.7 | 68.1 | 3.1 | 60.9 | | | | 68.2 | 3.2 | 61.0 | | | |
| Evergreen 088 | Rx09 | -9023.9 | 5642153.4 | 67.8 | 2.8 | 60.7 | | | | 67.9 | 2.9 | 60.8 | | | |
| Evergreen 089 | Rx09 | -9019.3 | 5642133.1 | 66.6 | 1.6 | 60.1 | | | | 66.7 | 1.7 | 60.2 | | | |
| Evergreen 090 | Rx09 | -9010 | 5642090.9 | 66.7 | 1.7 | 61.0 | | | | 66.8 | 1.8 | 61.1 | | | |
| Evergreen 091 | Rx09 | -9007.3 | 5642078.4 | 66.3 | 1.3 | 60.2 | | | | 66.3 | 1.3 | 60.3 | | | |
| Evergreen 092 | Rx09 | -9004.2 | 5642063.5 | 65.9 | 0.9 | 60.2 | | | | 65.9 | 0.9 | 60.3 | | | |
| Evergreen 093 | Rx09 | -9002 | 5642053.2 | 65.9 | 0.9 | 60.4 | | | | 66.0 | 1.0 | 60.5 | | | |
| Evergreen 094 | Rx09 | -8999.5 | 5642041.4 | 66.0 | 1.0 | 61.0 | | | | 66.1 | 1.1 | 61.1 | | | |
| Evergreen 095 | Rx09 | -8997.3 | 5642031 | 65.6 | 0.6 | 61.1 | | | | 65.7 | 0.7 | 61.2 | | | |
| Evergreen 096 | Rx09 | -8995.6 | 5642022.4 | 65.4 | 0.4 | 60.6 | | | | 65.5 | 0.5 | 60.7 | | | |
| Evergreen 097 | Rx09 | -8993.2 | 5642010.9 | 65.2 | 0.2 | 60.1 | | | | 65.3 | 0.3 | 60.2 | | | |
| Evergreen 098 | Rx09 | -8990.1 | 5641995.8 | 65.6 | 0.6 | 60.8 | | | | 65.7 | 0.7 | 61.0 | | | |
| Evergreen 099 | Rx09 | -8986.7 | 5641978.9 | 65.6 | 0.6 | 60.8 | | | | 65.7 | 0.7 | 60.9 | | | |
| Evergreen 100 | Rx09 | -8979.8 | 5641943.9 | 64.7 | | 58.6 | | | | 64.8 | | 58.7 | | | |

SWCRR Segment 2 Noise Prediction Results
BKL Consultants Ltd.
September 21, 2017

| Colour Key |
|---|
| 64 < Leq24 ≤ 65 |
| Leq24 > 65 |

2030 Forecast Year

| Receiver | | Coordinates | | 2030 Traffic - Mainline Trucks 8%, Cross streets and ramps 5% | | | | | | 2030 Traffic - All Roads 8.4% | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | No Mitigation | | With Mitigation (TUC Alignment) | | Mitigation (Top of Berm/CZ Alignment) | | No Mitigation | | With Mitigation (TUC Alignment) | | Mitigation (Top of Berm/CZ Alignment) | |
| Name | Group | Easting | Northing | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance |
| | | (m) | (m) | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA |
| Oakridge 01 | Rx06 | -9797.1 | 5649035.8 | 61.3 | | | | | | 62.2 | | | | | |
| Oakridge 02 | Rx06 | -9808.2 | 5649015.4 | 58.3 | | | | | | 59.1 | | | | | |
| Oakridge 03 | Rx06 | -9812.2 | 5648997.3 | 57.0 | | | | | | 57.8 | | | | | |
| Oakridge 04 | Rx06 | -9814.9 | 5648982.7 | 56.3 | | | | | | 57.1 | | | | | |
| Oakridge 05 | Rx06 | -9818.3 | 5648964.2 | 55.5 | | | | | | 56.2 | | | | | |
| Oakridge 06 | Rx06 | -9823.8 | 5648932.1 | 56.5 | | | | | | 57.3 | | | | | |
| Oakridge 07 | Rx06 | -9835.9 | 5648863.6 | 54.0 | | | | | | 54.4 | | | | | |
| Oakridge 08 | Rx06 | -9839.1 | 5648845.6 | 53.7 | | | | | | 54.0 | | | | | |
| Oakridge 09 | Rx06 | -9842.7 | 5648825.5 | 53.1 | | | | | | 53.5 | | | | | |
| Oakridge 10 | Rx06 | -9845.9 | 5648808.4 | 53.5 | | | | | | 53.8 | | | | | |
| Oakridge 11 | Rx06 | -9849.1 | 5648790.8 | 54.0 | | | | | | 54.0 | | | | | |
| Oakridge 12 | Rx06 | -9852.3 | 5648773 | 53.9 | | | | | | 54.3 | | | | | |
| Oakridge 13 | Rx06 | -9854.1 | 5648751.1 | 53.6 | | | | | | 54.1 | | | | | |
| Oakridge 14 | Rx06 | -9840.6 | 5648701.2 | 52.5 | | | | | | 53.0 | | | | | |
| Oakridge 15 | Rx06 | -9840.7 | 5648689.5 | 52.6 | | | | | | 53.0 | | | | | |
| Oakridge 16 | Rx06 | -9840.8 | 5648670.1 | 52.9 | | | | | | 53.3 | | | | | |
| Oakridge 17 | Rx06 | -9840.7 | 5648654.7 | 53.1 | | | | | | 53.5 | | | | | |
| Oakridge 18 | Rx06 | -9840.8 | 5648637 | 52.3 | | | | | | 52.8 | | | | | |
| Oakridge 19 | Rx06 | -9840.9 | 5648617.9 | 52.3 | | | | | | 52.8 | | | | | |
| Oakridge 20 | Rx06 | -9840.9 | 5648607 | 52.5 | | | | | | 52.9 | | | | | |
| Oakridge 21 | Rx06 | -9840.9 | 5648588.4 | 52.6 | | | | | | 53.1 | | | | | |
| Oakridge 22 | Rx06 | -9840.9 | 5648564.2 | 52.4 | | | | | | 52.9 | | | | | |
| Oakridge 23 | Rx06 | -9841 | 5648551.2 | 52.6 | | | | | | 53.1 | | | | | |
| Oakridge 24 | Rx06 | -9841 | 5648537.1 | 52.6 | | | | | | 53.1 | | | | | |
| Oakridge 25 | Rx06 | -9840.3 | 5648516.8 | 52.8 | | | | | | 53.2 | | | | | |
| Oakridge 26 | Rx06 | -9837.9 | 5648500.1 | 52.6 | | | | | | 53.1 | | | | | |
| Oakridge 27 | Rx06 | -9834.4 | 5648478.1 | 52.7 | | | | | | 53.1 | | | | | |
| Oakridge 28 | Rx06 | -9832 | 5648463.1 | 52.7 | | | | | | 53.1 | | | | | |
| Oakridge 29 | Rx06 | -9829.6 | 5648448.4 | 52.4 | | | | | | 52.9 | | | | | |
| Oakridge 30 | Rx06 | -9829 | 5648408.2 | 53.0 | | | | | | 53.2 | | | | | |
| Oakridge 31 | Rx06 | -9829 | 5648372.2 | 52.9 | | | | | | 53.3 | | | | | |
| Oakridge 32 | Rx06 | -9828.9 | 5648355.6 | 52.7 | | | | | | 53.1 | | | | | |
| Oakridge 33 | Rx06 | -9829 | 5648335.4 | 52.8 | | | | | | 53.2 | | | | | |
| Oakridge 34 | Rx06 | -9829.1 | 5648319.2 | 52.7 | | | | | | 53.1 | | | | | |
| Oakridge 35 | Rx06 | -9829.1 | 5648299.8 | 52.6 | | | | | | 53.0 | | | | | |
| Oakridge 36 | Rx06 | -9829.1 | 5648283.2 | 52.9 | | | | | | 53.3 | | | | | |
| Oakridge 37 | Rx06 | -9829.3 | 5648245.9 | 52.3 | | | | | | 52.7 | | | | | |
| Oakridge 38 | Rx06 | -9829.3 | 5648229.2 | 52.5 | | | | | | 52.9 | | | | | |
| Oakridge 39 | Rx06 | -9829.3 | 5648207.3 | 52.2 | | | | | | 52.6 | | | | | |
| Oakridge 40 | Rx06 | -9829.3 | 5648190.7 | 52.5 | | | | | | 52.9 | | | | | |
| Oakridge 41 | Rx06 | -9829.3 | 5648172.7 | 52.4 | | | | | | 52.8 | | | | | |
| Oakridge 42 | Rx06 | -9829.4 | 5648155.4 | 52.8 | | | | | | 53.2 | | | | | |
| Oakridge 43 | Rx06 | -9829.4 | 5648136.1 | 53.3 | | | | | | 53.6 | | | | | |
| Oakridge 44 | Rx06 | -9829.4 | 5648119.4 | 53.1 | | | | | | 53.5 | | | | | |
| Oakridge 45 | Rx06 | -9829.5 | 5648096.9 | 54.1 | | | | | | 54.5 | | | | | |
| Oakridge 46 | Rx06 | -9829.6 | 5648077.7 | 54.8 | | | | | | 55.2 | | | | | |
| Oakridge 47 | Rx06 | -9829.6 | 5648060.4 | 54.9 | | | | | | 55.3 | | | | | |
| Oakridge 48 | Rx06 | -9829.6 | 5648039.2 | 55.3 | | | | | | 55.6 | | | | | |
| Oakridge 49 | Rx06 | -9829.7 | 5648021.8 | 55.0 | | | | | | 55.4 | | | | | |
| Oakridge 50 | Rx06 | -9829.7 | 5648000.7 | 56.2 | | | | | | 56.6 | | | | | |
| Oakridge 51 | Rx06 | -9829.8 | 5647981.4 | 56.3 | | | | | | 56.6 | | | | | |
| Oakridge 52 | Rx06 | -9828.1 | 5647922.7 | 57.0 | | | | | | 57.4 | | | | | |
| Oakridge 53 | Rx06 | -9828.3 | 5647902.8 | 57.0 | | | | | | 57.4 | | | | | |
| Oakridge 54 | Rx06 | -9828.3 | 5647884.9 | 57.1 | | | | | | 57.5 | | | | | |
| Oakridge 55 | Rx06 | -9828.3 | 5647862.4 | 56.8 | | | | | | 57.3 | | | | | |
| Oakridge 56 | Rx06 | -9828.4 | 5647841.2 | 57.5 | | | | | | 58.0 | | | | | |
| Oakridge 57 | Rx06 | -9828.4 | 5647816.8 | 57.6 | | | | | | 58.1 | | | | | |
| Oakridge 58 | Rx06 | -9821.3 | 5647784.2 | 57.1 | | | | | | 57.7 | | | | | |
| Oakridge 59 | Rx06 | -9824.2 | 5647771 | 57.5 | | | | | | 58.0 | | | | | |
| Oakridge 60 | Rx06 | -9829.3 | 5647746.8 | 58.9 | | | | | | 59.5 | | | | | |
| Oakridge 61 | Rx06 | -9832.6 | 5647725.5 | 59.3 | | | | | | 59.9 | | | | | |
| Oakridge 62 | Rx06 | -9827.9 | 5647707.2 | 59.6 | | | | | | 60.2 | | | | | |
| Oakridge 63 | Rx06 | -9823.8 | 5647691.2 | 59.8 | | | | | | 60.5 | | | | | |
| Oakridge 64 | Rx06 | -9818 | 5647669.2 | 60.3 | | | | | | 61.0 | | | | | |
| Oakridge 65 | Rx06 | -9792.2 | 5647570.3 | 60.5 | | | | | | 61.3 | | | | | |
| Oakridge 66 | Rx06 | -9786.2 | 5647548.2 | 60.3 | | | | | | 61.1 | | | | | |
| Oakridge 67 | Rx06 | -9778.2 | 5647522.3 | 61.1 | | | | | | 61.8 | | | | | |
| Cedarbrae 01 | Rx07 | -9797.4 | 5647413.2 | 59.9 | | | | | | 60.6 | | | | | |
| Cedarbrae 02 | Rx07 | -9807.2 | 5647389.1 | 58.6 | | | | | | 59.0 | | | | | |
| Cedarbrae 03 | Rx07 | -9810.6 | 5647365.9 | 58.5 | | | | | | 58.7 | | | | | |
| Cedarbrae 04 | Rx07 | -9812.8 | 5647350.1 | 58.7 | | | | | | 59.0 | | | | | |
| Cedarbrae 05 | Rx07 | -9815.5 | 5647330.3 | 59.0 | | | | | | 59.2 | | | | | |
| Cedarbrae 06 | Rx07 | -9817.6 | 5647314.9 | 59.2 | | | | | | 59.4 | | | | | |
| Cedarbrae 07 | Rx07 | -9820 | 5647297.2 | 59.2 | | | | | | 59.3 | | | | | |
| Cedarbrae 08 | Rx07 | -9822.3 | 5647280.9 | 59.3 | | | | | | 59.4 | | | | | |
| Cedarbrae 09 | Rx07 | -9824.7 | 5647262.9 | 59.3 | | | | | | 59.4 | | | | | |
| Cedarbrae 10 | Rx07 | -9825.2 | 5647243.5 | 59.7 | | | | | | 59.8 | | | | | |
| Cedarbrae 11 | Rx07 | -9823.9 | 5647225.2 | 59.9 | | | | | | 60.1 | | | | | |
| Cedarbrae 12 | Rx07 | -9822.7 | 5647209.4 | 59.9 | | | | | | 60.0 | | | | | |
| Cedarbrae 13 | Rx07 | -9821.1 | 5647188.1 | 59.6 | | | | | | 59.7 | | | | | |
| Cedarbrae 14 | Rx07 | -9824.1 | 5647174.6 | 60.0 | | | | | | 60.1 | | | | | |
| Cedarbrae 15 | Rx07 | -9829.2 | 5647159.6 | 60.9 | | | | | | 61.0 | | | | | |
| Cedarbrae 16 | Rx07 | -9834.6 | 5647145.4 | 61.4 | | | | | | 61.5 | | | | | |
| Cedarbrae 17 | Rx07 | -9841.4 | 5647129.1 | 62.1 | | | | | | 62.2 | | | | | |
| Cedarbrae 18 | Rx07 | -9846.3 | 5647112 | 61.9 | | | | | | 62.0 | | | | | |
| Cedarbrae 19 | Rx07 | -9849.1 | 5647092.4 | 63.2 | | | | | | 63.3 | | | | | |
| Cedarbrae 20 | Rx07 | -9851.7 | 5647073.9 | 63.7 | | | | | | 63.8 | | | | | |
| Cedarbrae 21 | Rx07 | -9853.5 | 5647061.8 | 64.1 | | | | | | 64.2 | | | | | |
| Cedarbrae 22 | Rx07 | -9855.8 | 5647042 | 64.1 | | | | | | 64.2 | | | | | |
| Cedarbrae 23 | Rx07 | -9856.4 | 5647020.2 | 64.5 | | | | | | 64.5 | | | | | |
| Cedarbrae 24 | Rx07 | -9856.8 | 5647005.2 | 64.1 | | | | | | 64.1 | | | | | |
| Cedarbrae 25 | Rx07 | -9857.2 | 5646984.8 | 64.6 | | | | | | 64.7 | | | | | |
| Cedarbrae 26 | Rx07 | -9857.4 | 5646966.4 | 64.1 | | | | | | 64.2 | | | | | |
| Cedarbrae 27 | Rx07 | -9857.4 | 5646950.4 | 63.8 | | | | | | 63.9 | | | | | |
| Cedarbrae 28 | Rx07 | -9857.3 | 5646934.8 | 64.0 | | | | | | 64.1 | | 64.1 | | 63.5 | |
| Cedarbrae 29 | Rx07 | -9857.3 | 5646918.5 | 64.4 | | | | | | 64.5 | | 61.4 | | 63.6 | |
| Cedarbrae 30 | Rx07 | -9857.5 | 5646899.2 | 64.7 | | | | | | 64.8 | | 61.5 | | 63.8 | |
| Cedarbrae 31 | Rx07 | -9857.6 | 5646875.1 | 65.0 | | | | | | 65.1 | 0.1 | 63.0 | | 63.7 | |
| Cedarbrae 32 | Rx07 | -9835.6 | 5646840 | 62.9 | | | | | | 63.0 | | 61.8 | | 62.2 | |
| Cedarbrae 33 | Rx07 | -9833.5 | 5646833.9 | 63.1 | | | | | | 63.2 | | 63.1 | | 62.5 | |
| Cedarbrae 34 | Rx07 | -9833.4 | 5646807 | 63.4 | | | | | | 63.5 | | | | | |
| Cedarbrae 35 | Rx07 | -9833.5 | 5646771.4 | 62.7 | | | | | | 62.8 | | | | | |
| Cedarbrae 36 | Rx07 | -9833.6 | 5646734.5 | 61.4 | | | | | | 61.6 | | | | | |
| Cedarbrae 37 | Rx07 | -9833.6 | 5646710.7 | 62.8 | | | | | | 62.9 | | | | | |
| Cedarbrae 38 | Rx07 | -9833.7 | 5646688 | 63.8 | | | | | | 63.8 | | | | | |
| Cedarbrae 39 | Rx07 | -9825.2 | 5646646.5 | 64.4 | | | | | | 64.5 | | | | | |
| Cedarbrae 40 | Rx07 | -9817.9 | 5646613.6 | 64.4 | | | | | | 64.5 | | | | | |
| Cedarbrae 41 | Rx07 | -9811.8 | 5646585.7 | 63.4 | | | | | | 63.6 | | | | | |
| Cedarbrae 42 | Rx07 | -9807.2 | 5646565 | 63.1 | | | | | | 63.2 | | | | | |
| Cedarbrae 43 | Rx07 | -9795.4 | 5646527.9 | 61.7 | | | | | | 61.9 | | | | | |
| Cedarbrae 44 | Rx07 | -9766.5 | 5646494.7 | 61.8 | | | | | | 62.1 | | | | | |
| Cedarbrae 45 | Rx07 | -9725.8 | 5646394.3 | 63.4 | | | | | | 63.7 | | 63.7 | | 63.7 | |
| Cedarbrae 46 | Rx07 | -9703 | 5646336.4 | 63.6 | | | | | | 63.8 | | 63.8 | | 63.8 | |
| Cedarbrae 47 | Rx07 | -9686.7 | 5646292.9 | 63.8 | | | | | | 64.1 | | 64.1 | | 64.1 | |
| Cedarbrae 48 | Rx07 | -9662.3 | 5646233.3 | 64.0 | | | | | | 64.4 | | 64.3 | | 64.3 | |
| Cedarbrae 49 | Rx07 | -9651.2 | 5646203.2 | 65.0 | | | | | | 65.4 | 0.4 | 63.4 | | 63.4 | |
| Cedarbrae 50 | Rx07 | -9570.4 | 5646141.2 | 63.6 | | | | | | 64.2 | | 61.8 | | 61.8 | |
| Cedarbrae 51 | Rx07 | -9528.4 | 5646103.6 | 66.3 | 1.3 | Mitigation as per City of Calgary requirements | | Mitigation as per City of Calgary requirements | | 66.9 | 1.9 | Mitigation as per City of Calgary requirements | | Mitigation as per City of Calgary requirements | |
| Cedarbrae 52 | Rx07 | -9465.9 | 5646085.4 | 65.4 | 0.4 | | | | | 66.1 | 1.1 | | | | |
| Cedarbrae 53 | Rx07 | -9411.7 | 5646086.8 | 63.1 | | | | | | 63.7 | | | | | |

SWCRR Segment 2 Noise Prediction Results
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Colour Key
64 < Leq24 ≤ 65
Leq24 > 65

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| Receiver | | Coordinates | | 2030 Traffic - Mainline Trucks 8%, Cross streets and ramps 5% | | | | | | 2030 Traffic - All Roads 8.4% | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | No Mitigation | | With Mitigation (TUC Alignment) | | Mitigation (Top of Berm/CZ Alignment) | | No Mitigation | | With Mitigation (TUC Alignment) | | Mitigation (Top of Berm/CZ Alignment) | |
| Name | Group | Easting (m) | Northing (m) | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA |
| Cedarbrae 54 | Rx07 | -9365.4 | 5646083.6 | 63.1 | | | | | | 63.7 | | | | | |
| Cedarbrae 55 | Rx07 | -9319.9 | 5646081.3 | 61.9 | | | | | | 62.5 | | | | | |
| Cedarbrae 56 | Rx07 | -9267.9 | 5646081.2 | 60.4 | | | | | | 61.0 | | | | | |
| Cedarbrae 57 | Rx07 | -9242.9 | 5646067.3 | 59.3 | | | | | | 59.9 | | | | | |
| Cedarbrae 58 | Rx07 | -9202.2 | 5646067.2 | 57.6 | | | | | | 58.1 | | | | | |
| Cedarbrae 59 | Rx07 | -9164.5 | 5646067.1 | 58.2 | | | | | | 58.7 | | | | | |
| Cedarbrae 60 | Rx07 | -9095.8 | 5646066.9 | 59.5 | | | | | | 60.1 | | | | | |
| Woodbine 001 | Rx08 | -9091.3 | 5645958.8 | 56.9 | | 56.9 | | 56.9 | | 57.4 | | 57.4 | | 57.4 | |
| Woodbine 002 | Rx08 | -9140.5 | 5645971.7 | 59.1 | | 59.1 | | 59.1 | | 59.7 | | 59.7 | | 59.7 | |
| Woodbine 003 | Rx08 | -9169.3 | 5645962.3 | 57.5 | | 57.5 | | 57.5 | | 58.1 | | 58.1 | | 58.1 | |
| Woodbine 004 | Rx08 | -9213.4 | 5645959 | 60.0 | | 60.0 | | 59.8 | | 60.7 | | 60.7 | | 60.6 | |
| Woodbine 005 | Rx08 | -9220.6 | 5645959 | 60.4 | | 60.5 | | 60.4 | | 61.1 | | 61.1 | | 61.1 | |
| Woodbine 006 | Rx08 | -9227 | 5645958.9 | 60.5 | | 60.7 | | 60.4 | | 61.2 | | 61.3 | | 61.1 | |
| Woodbine 007 | Rx08 | -9236.9 | 5645958.9 | 60.7 | | 60.9 | | 60.4 | | 61.4 | | 61.4 | | 61.0 | |
| Woodbine 008 | Rx08 | -9243.5 | 5645959 | 61.5 | | 61.6 | | 60.9 | | 62.2 | | 61.9 | | 61.6 | |
| Woodbine 009 | Rx08 | -9251.9 | 5645959.1 | 62.4 | | 62.5 | | 61.3 | | 63.1 | | 62.0 | | 62.0 | |
| Woodbine 010 | Rx08 | -9258.5 | 5645959.1 | 62.7 | | 62.8 | | 61.1 | | 63.4 | | 61.6 | | 61.8 | |
| Woodbine 011 | Rx08 | -9269.5 | 5645959.1 | 63.4 | | 63.4 | | 61.7 | | 64.1 | | 62.2 | | 62.4 | |
| Woodbine 012 | Rx08 | -9279.2 | 5645959.1 | 63.7 | | 63.8 | | 61.8 | | 64.4 | | 62.1 | | 62.5 | |
| Woodbine 013 | Rx08 | -9285.6 | 5645959.1 | 64.2 | | 64.2 | | 62.3 | | 64.8 | | 62.5 | | 63.0 | |
| Woodbine 014 | Rx08 | -9292.2 | 5645959.1 | 64.7 | | 64.8 | | 63.0 | | 65.4 | 0.4 | 63.1 | | 63.7 | |
| Woodbine 015 | Rx08 | -9302.1 | 5645958.9 | 64.8 | | 64.8 | | 63.8 | | 65.5 | 0.5 | 64.1 | | 64.5 | |
| Woodbine 016 | Rx08 | -9308.8 | 5645958.6 | 64.1 | | 64.1 | | 63.4 | | 64.7 | | 63.9 | | 64.1 | |
| Woodbine 017 | Rx08 | -9317.9 | 5645957.2 | 63.8 | | 63.9 | | 63.6 | | 64.5 | | 64.3 | | 64.3 | |
| Woodbine 018 | Rx08 | -9326.4 | 5645955.9 | 62.9 | | 63.0 | | 62.9 | | 63.5 | | 63.6 | | 63.6 | |
| Woodbine 019 | Rx08 | -9336 | 5645954.5 | 62.3 | | 62.4 | | 62.5 | | 63.0 | | 63.2 | | 63.1 | |
| Woodbine 020 | Rx08 | -9341.9 | 5645953.5 | 62.1 | | 62.3 | | 62.4 | | 62.8 | | 63.0 | | 63.0 | |
| Woodbine 021 | Rx08 | -9350 | 5645952.2 | 62.1 | | 62.2 | | 62.4 | | 62.8 | | 62.9 | | 63.0 | |
| Woodbine 022 | Rx08 | -9357.9 | 5645950.9 | 61.4 | | 61.4 | | 61.6 | | 62.0 | | 62.1 | | 62.2 | |
| Woodbine 023 | Rx08 | -9367.7 | 5645949.4 | 61.3 | | 61.4 | | 61.5 | | 61.9 | | 62.0 | | 62.1 | |
| Woodbine 024 | Rx08 | -9375 | 5645948.2 | 61.4 | | 61.4 | | 61.5 | | 62.0 | | 62.1 | | 62.1 | |
| Woodbine 025 | Rx08 | -9382.8 | 5645947 | 60.4 | | 60.5 | | 60.5 | | 61.1 | | 61.1 | | 61.2 | |
| Woodbine 026 | Rx08 | -9390.9 | 5645945.7 | 60.3 | | 60.3 | | 60.4 | | 60.9 | | 61.0 | | 61.0 | |
| Woodbine 027 | Rx08 | -9398.2 | 5645944.6 | 60.1 | | 60.1 | | 60.2 | | 60.7 | | 60.7 | | 60.8 | |
| Woodbine 028 | Rx08 | -9424.9 | 5645940.4 | 60.3 | | 60.4 | | 60.5 | | 60.8 | | 61.0 | | 61.0 | |
| Woodbine 029 | Rx08 | -9491.6 | 5645930.9 | 62.6 | | 62.8 | | 62.8 | | 62.9 | | 63.1 | | 63.1 | |
| Woodbine 030 | Rx08 | -9519.6 | 5645928.8 | 62.8 | | 63.0 | | 63.0 | | 63.4 | | 63.5 | | 63.5 | |
| Woodbine 031 | Rx08 | -9587.2 | 5645874.4 | 62.0 | | 62.2 | | | | 62.2 | | 62.4 | | | |
| Woodbine 032 | Rx08 | -9630.8 | 5645839.4 | 62.3 | | 62.4 | | | | 62.6 | | 62.7 | | | |
| Woodbine 033 | Rx08 | -9687.6 | 5645789.6 | 63.5 | | 63.5 | | | | 63.7 | | 63.7 | | | |
| Woodbine 034 | Rx08 | -9706.7 | 5645750.1 | 62.4 | | 62.4 | | | | 62.6 | | 62.6 | | | |
| Woodbine 035 | Rx08 | -9724.2 | 5645676.3 | 62.3 | | 62.3 | | | | 62.4 | | 62.4 | | | |
| Woodbine 036 | Rx08 | -9729.2 | 5645659.5 | 62.3 | | 62.3 | | | | 62.4 | | 62.4 | | | |
| Woodbine 037 | Rx08 | -9748.7 | 5645593.8 | 63.3 | | 63.3 | | | | 63.5 | | 63.5 | | | |
| Woodbine 038 | Rx08 | -9755.5 | 5645572.6 | 63.4 | | 63.6 | | | | 63.6 | | 63.7 | | | |
| Woodbine 039 | Rx08 | -9785.9 | 5645531.1 | 64.8 | | 64.9 | | | | 64.9 | | 65.0 | | | |
| Woodbine 040 | Rx08 | -9792.7 | 5645514 | 64.4 | | 64.4 | | | | 64.5 | | 64.5 | | | |
| Woodbine 041 | Rx08 | -9797.3 | 5645501.3 | 64.7 | | 64.7 | | | | 64.8 | | 64.8 | | | |
| Woodbine 042 | Rx08 | -9805.8 | 5645475.5 | 64.8 | | 64.7 | | | | 64.9 | | 64.8 | | | |
| Woodbine 043 | Rx08 | -9813.6 | 5645447.1 | 64.7 | | 63.8 | | | | 64.7 | | 63.9 | | | |
| Woodbine 044 | Rx08 | -9819.2 | 5645421.5 | 64.9 | | 63.0 | | | | 64.9 | | 63.2 | | | |
| Woodbine 045 | Rx08 | -9824.4 | 5645391.5 | 65.2 | 0.2 | 62.5 | | | | 65.2 | 0.2 | 62.5 | | | |
| Woodbine 046 | Rx08 | -9827.7 | 5645365.9 | 65.2 | 0.2 | 62.0 | | | | 65.3 | 0.3 | 62.2 | | | |
| Woodbine 047 | Rx08 | -9831.5 | 5645331.5 | 65.9 | 0.9 | 62.5 | | | | 66.0 | 1.0 | 62.8 | | | |
| Woodbine 048 | Rx08 | -9834.1 | 5645303.6 | 66.7 | 1.7 | 63.0 | | | | 66.8 | 1.8 | 63.2 | | | |
| Woodbine 049 | Rx08 | -9836.2 | 5645277.6 | 66.5 | 1.5 | 63.0 | | | | 66.6 | 1.6 | 63.1 | | | |
| Woodbine 050 | Rx08 | -9838 | 5645249.6 | 65.7 | 0.7 | 62.9 | | | | 65.8 | 0.8 | 62.9 | | | |
| Woodbine 051 | Rx08 | -9839.4 | 5645218.5 | 65.2 | 0.2 | 62.2 | | | | 65.3 | 0.3 | 62.3 | | | |
| Woodbine 052 | Rx08 | -9840.3 | 5645192 | 65.2 | 0.2 | 61.4 | | | | 65.3 | 0.3 | 61.5 | | | |
| Woodbine 053 | Rx08 | -9840.7 | 5645168 | 65.9 | 0.9 | 62.1 | | | | 66.0 | 1.0 | 62.2 | | | |
| Woodbine 054 | Rx08 | -9840.8 | 5645139.9 | 65.3 | 0.3 | 62.3 | | | | 65.4 | 0.4 | 62.4 | | | |
| Woodbine 055 | Rx08 | -9840.4 | 5645114.4 | 65.2 | 0.2 | 62.2 | | | | 65.3 | 0.3 | 62.4 | | | |
| Woodbine 056 | Rx08 | -9839.7 | 5645087.1 | 64.9 | | 64.0 | | | | 65.0 | | 64.1 | | | |
| Woodbine 057 | Rx08 | -9838.4 | 5645057.3 | 63.3 | | 63.2 | | | | 63.4 | | 63.3 | | | |
| Woodbine 058 | Rx08 | -9837.1 | 5645035.2 | 63.3 | | 63.4 | | | | 63.3 | | 63.5 | | | |
| Woodbine 059 | Rx08 | -9834.5 | 5644999.6 | 63.6 | | 63.6 | | | | 63.6 | | 63.7 | | | |
| Woodbine 060 | Rx08 | -9831.2 | 5644964 | 63.2 | | 63.2 | | | | 63.3 | | 63.3 | | | |
| Woodbine 061 | Rx08 | -9829 | 5644944.2 | 63.5 | | 63.5 | | | | 63.5 | | 63.6 | | | |
| Woodbine 062 | Rx08 | -9826.3 | 5644922.3 | 64.5 | | 64.5 | | | | 64.6 | | 64.6 | | | |
| Woodbine 063 | Rx08 | -9823.2 | 5644898.6 | 63.9 | | 63.9 | | | | 64.0 | | 64.0 | | | |
| Woodbine 064 | Rx08 | -9820 | 5644877.1 | 63.2 | | 63.2 | | | | 63.3 | | 63.3 | | | |
| Woodbine 065 | Rx08 | -9817.5 | 5644860.7 | 62.0 | | 61.9 | | | | 62.1 | | 62.0 | | | |
| Woodbine 066 | Rx08 | -9814.2 | 5644841 | 62.5 | | | | | | 62.6 | | | | | |
| Woodbine 067 | Rx08 | -9809.6 | 5644811.2 | 62.4 | | | | | | 62.4 | | | | | |
| Woodbine 068 | Rx08 | -9806.3 | 5644788.3 | 63.0 | | | | | | 63.1 | | | | | |
| Woodbine 069 | Rx08 | -9803.5 | 5644766.8 | 61.9 | | | | | | 62.0 | | | | | |
| Woodbine 070 | Rx08 | -9799.1 | 5644727.1 | 62.6 | | | | | | 62.7 | | | | | |
| Woodbine 071 | Rx08 | -9796.7 | 5644700.6 | 61.8 | | | | | | 61.9 | | | | | |
| Woodbine 072 | Rx08 | -9794.1 | 5644667.7 | 61.5 | | | | | | 61.7 | | | | | |
| Woodbine 073 | Rx08 | -9793.1 | 5644651.2 | 63.0 | | | | | | 63.1 | | | | | |
| Woodbine 074 | Rx08 | -9791.8 | 5644626.5 | 62.7 | | | | | | 62.8 | | | | | |
| Woodbine 075 | Rx08 | -9787.6 | 5644598.1 | 61.2 | | | | | | 61.3 | | | | | |
| Woodbine 076 | Rx08 | -9781.4 | 5644568 | 60.8 | | | | | | 60.9 | | | | | |
| Woodbine 077 | Rx08 | -9770.5 | 5644545.6 | 61.2 | | | | | | 61.5 | | | | | |
| Woodbine 078 | Rx08 | -9762.1 | 5644528.3 | 60.3 | | | | | | 60.6 | | | | | |
| Woodbine 079 | Rx08 | -9754.8 | 5644513.2 | 60.3 | | | | | | 60.6 | | | | | |
| Woodbine 080 | Rx08 | -9749.1 | 5644501.5 | 60.1 | | | | | | 60.4 | | | | | |
| Woodbine 081 | Rx08 | -9743.5 | 5644490.1 | 59.8 | | | | | | 60.1 | | | | | |
| Woodbine 082 | Rx08 | -9737.6 | 5644478 | 60.1 | | | | | | 60.6 | | | | | |
| Woodbine 083 | Rx08 | -9731 | 5644464.4 | 62.1 | | | | | | 62.6 | | | | | |
| Woodbine 084 | Rx08 | -9717.2 | 5644448 | 61.6 | | | | | | 62.4 | | | | | |
| Woodbine 085 | Rx08 | -9694.1 | 5644442.9 | 62.2 | | | | | | 63.2 | | | | | |
| Woodbine 086 | Rx08 | -9678.7 | 5644439.6 | 62.3 | | | | | | 63.3 | | | | | |
| Woodbine 087 | Rx08 | -9665.2 | 5644438.4 | 62.5 | | | | | | 63.6 | | | | | |
| Woodbine 088 | Rx08 | -9644.1 | 5644438.3 | 62.1 | | | | | | 63.3 | | | | | |
| Woodbine 089 | Rx08 | -9630.6 | 5644438.3 | 62.0 | | | | | | 63.2 | | | | | |
| Woodbine 090 | Rx08 | -9633.5 | 5644394.1 | 61.2 | | | | | | 62.3 | | | | | |
| Woodbine 091 | Rx08 | -9664.2 | 5644390.2 | 61.0 | | | | | | 61.8 | | | | | |
| Woodbine 092 | Rx08 | -9688.9 | 5644387.1 | 61.4 | | 61.4 | | | | 62.2 | | 62.2 | | | |
| Woodbine 093 | Rx08 | -9717.9 | 5644382.6 | 63.0 | | 63.1 | | | | 63.7 | | 63.7 | | | |
| Woodbine 094 | Rx08 | -9733 | 5644340.9 | 63.4 | | 63.4 | | | | 63.9 | | 63.9 | | | |
| Woodbine 095 | Rx08 | -9739.4 | 5644317.5 | 64.7 | | 64.5 | | | | 65.1 | 0.1 | 64.9 | | | |
| Woodbine 096 | Rx08 | -9742.9 | 5644298.8 | 65.3 | 0.3 | 59.7 | | | | 65.6 | 0.6 | 59.8 | | | |
| Woodbine 097 | Rx08 | -9746.4 | 5644280.7 | 65.8 | 0.8 | 59.6 | | | | 66.1 | 1.1 | 59.8 | | | |
| Woodbine 098 | Rx08 | -9749.9 | 5644262 | 65.6 | 0.6 | 59.0 | | | | 65.8 | 0.8 | 59.2 | | | |
| Woodbine 099 | Rx08 | -9753.2 | 5644244.7 | 66.1 | 1.1 | 60.2 | | | | 66.3 | 1.3 | 60.5 | | | |
| Woodbine 100 | Rx08 | -9757.3 | 5644223.4 | 66.2 | 1.2 | 59.1 | | | | 66.3 | 1.3 | 59.2 | | | |
| Woodbine 101 | Rx08 | -9763.4 | 5644191.3 | 65.6 | 0.6 | 61.5 | | | | 65.8 | 0.8 | 61.6 | | | |
| Woodbine 102 | Rx08 | -9764.2 | 5644187.5 | 65.5 | 0.5 | 62.5 | | | | 65.6 | 0.6 | 62.7 | | | |
| Woodbine 103 | Rx08 | -9766 | 5644142.1 | 65.5 | 0.5 | 60.9 | | | | 65.6 | 0.6 | 61.1 | | | |
| Woodbine 104 | Rx08 | -9751.8 | 5644130.7 | 65.3 | 0.3 | 63.3 | | | | 65.4 | 0.4 | 63.4 | | | |
| Woodbine 105 | Rx08 | -9719.4 | 5644111.7 | 61.0 | | 60.8 | | | | 61.1 | | 60.9 | | | |
| Woodbine 106 | Rx08 | -9688.8 | 5644106.9 | 58.3 | | 58.3 | | | | 58.4 | | 58.4 | | | |
| Woodbine 107 | Rx08 | -9668 | 5644103.8 | 60.1 | | 60.1 | | | | 60.2 | | 60.2 | | | |
| Woodbine 108 | Rx08 | -9648.1 | 5644100.8 | 61.0 | | 61.0 | | | | 61.1 | | 61.1 | | | |
| Woodbine 109 | Rx08 | -9632.7 | 5644093.1 | 60.5 | | 60.4 | | | | 60.6 | | 60.5 | | | |
| Woodbine 110 | Rx08 | -9614.3 | 5644071.3 | 58.5 | | 58.5 | | | | 58.6 | | 58.6 | | | |
| Evergreen 001 | Rx09 | -9390.7 | 5643028.8 | 57.6 | | | | | | 57.7 | | | | | |
| Evergreen 002 | Rx09 | -9390.7 | 5643015.3 | 56.1 | | | | | | 56.3 | | | | | |
| Evergreen 003 | Rx09 | -9390.8 | 5643001.2 | 55.0 | | | | | | 55.2 | | | | | |

SWCRR Segment 2 Noise Prediction Results
BKL Consultants Ltd.
September 21, 2017

| Colour Key |
|---|
| 64 < Leq24 ≤ 65 |
| Leq24 > 65 |

2030 Forecast Year

| Receiver | | Coordinates | | 2030 Traffic - Mainline Trucks 8%, Cross streets and ramps 5% | | | | | | 2030 Traffic - All Roads 8.4% | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | No Mitigation | | With Mitigation (TUC Alignment) | | Mitigation (Top of Berm/CZ Alignment) | | No Mitigation | | With Mitigation (TUC Alignment) | | Mitigation (Top of Berm/CZ Alignment) | |
| Name | Group | Easting | Northing | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance |
| | | (m) | (m) | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA |
| Evergreen 004 | Rx09 | -9390.8 | 5642985.3 | 53.0 | | | | | | 53.3 | | | | | |
| Evergreen 005 | Rx09 | -9383.3 | 5642969.5 | 55.7 | | | | | | 56.0 | | | | | |
| Evergreen 006 | Rx09 | -9370.2 | 5642955.7 | 55.0 | | | | | | 55.3 | | | | | |
| Evergreen 007 | Rx09 | -9362.1 | 5642946.8 | 55.5 | | | | | | 55.8 | | | | | |
| Evergreen 008 | Rx09 | -9352.6 | 5642936.4 | 55.3 | | | | | | 55.6 | | | | | |
| Evergreen 009 | Rx09 | -9345.4 | 5642928.1 | 55.8 | | | | | | 56.1 | | | | | |
| Evergreen 010 | Rx09 | -9337.1 | 5642918.5 | 55.7 | | | | | | 55.9 | | | | | |
| Evergreen 011 | Rx09 | -9330.9 | 5642911.1 | 56.4 | | | | | | 56.6 | | | | | |
| Evergreen 012 | Rx09 | -9322.2 | 5642900.5 | 55.8 | | | | | | 56.1 | | | | | |
| Evergreen 013 | Rx09 | -9313.9 | 5642890.2 | 55.9 | | | | | | 56.2 | | | | | |
| Evergreen 014 | Rx09 | -9307 | 5642881.3 | 56.4 | | | | | | 56.7 | | | | | |
| Evergreen 015 | Rx09 | -9301.2 | 5642873.7 | 57.4 | | | | | | 57.7 | | | | | |
| Evergreen 016 | Rx09 | -9292.4 | 5642862.1 | 57.8 | | | | | | 58.1 | | | | | |
| Evergreen 017 | Rx09 | -9285.5 | 5642852.6 | 57.9 | | | | | | 58.2 | | | | | |
| Evergreen 018 | Rx09 | -9277.2 | 5642841.8 | 58.8 | | | | | | 59.0 | | | | | |
| Evergreen 019 | Rx09 | -9267.5 | 5642829.3 | 62.2 | | | | | | 62.4 | | | | | |
| Evergreen 020 | Rx09 | -9261.1 | 5642821.1 | 62.1 | | | | | | 62.4 | | | | | |
| Evergreen 021 | Rx09 | -9247.4 | 5642803.5 | 63.6 | | | | | | 64.0 | | | | | |
| Evergreen 022 | Rx09 | -9235.6 | 5642790.5 | 64.5 | | | | | | 62.9 | | | | | |
| Evergreen 023 | Rx09 | -9218 | 5642790.4 | 63.2 | | | | | | 62.0 | | | | | |
| Evergreen 024 | Rx09 | -9203.2 | 5642790.4 | 62.2 | | | | | | 61.3 | | | | | |
| Evergreen 025 | Rx09 | -9187.6 | 5642790.4 | 61.3 | | | | | | 61.0 | | | | | |
| Evergreen 026 | Rx09 | -9174.4 | 5642790.4 | 61.1 | | | | | | 61.1 | | | | | |
| Evergreen 027 | Rx09 | -9160.3 | 5642790.3 | 60.3 | | | | | | 59.7 | | | | | |
| Evergreen 028 | Rx09 | -9147.6 | 5642790.3 | 60.9 | | | | | | 60.3 | | | | | |
| Evergreen 029 | Rx09 | -9135.4 | 5642790.3 | 61.3 | | | | | | 61.2 | | | | | |
| Evergreen 030 | Rx09 | -9125.2 | 5642790.3 | 60.9 | | | | | | 60.9 | | | | | |
| Evergreen 031 | Rx09 | -9110.1 | 5642790.3 | 60.8 | | | | | | 60.0 | | | | | |
| Evergreen 032 | Rx09 | -9096.9 | 5642790.2 | 62.1 | | | | | | 61.2 | | | | | |
| Evergreen 033 | Rx09 | -9085.6 | 5642790.2 | 63.1 | | | | | | 62.4 | | | | | |
| Evergreen 034 | Rx09 | -9072.9 | 5642790.2 | 63.2 | | | | | | 62.1 | | | | | |
| Evergreen 035 | Rx09 | -9060.6 | 5642790.2 | 63.5 | | | | | | 61.8 | | | | | |
| Evergreen 036 | Rx09 | -9049.4 | 5642790.2 | 63.8 | | | | | | 61.0 | | | | | |
| Evergreen 037 | Rx09 | -9035.9 | 5642790.7 | 61.4 | | | | | | 62.0 | | | | | |
| Evergreen 038 | Rx09 | -9025.4 | 5642792.3 | 60.8 | | | | | | 61.8 | | | | | |
| Evergreen 039 | Rx09 | -9011.7 | 5642794.1 | 60.4 | | | | | | 61.1 | | | | | |
| Evergreen 040 | Rx09 | -9001.2 | 5642795.2 | 60.2 | | | | | | 60.8 | | | | | |
| Evergreen 041 | Rx09 | -8987.2 | 5642796.4 | 59.6 | | | | | | 60.4 | | | | | |
| Evergreen 042 | Rx09 | -8977.3 | 5642797.1 | 59.9 | | | | | | 60.1 | | | | | |
| Evergreen 043 | Rx09 | -8964.3 | 5642797.7 | 59.7 | | | | | | 59.1 | | | | | |
| Evergreen 044 | Rx09 | -8951.5 | 5642797.9 | 61.2 | | | | | | 59.4 | | | | | |
| Evergreen 045 | Rx09 | -8943.1 | 5642756.8 | 64.9 | | | | | | 62.3 | | | | | |
| Evergreen 046 | Rx09 | -8966.7 | 5642754.1 | 63.1 | | | | | | 62.8 | | | | | |
| Evergreen 047 | Rx09 | -8985.2 | 5642750.9 | 62.9 | | | | | | 63.1 | | | | | |
| Evergreen 048 | Rx09 | -9006.9 | 5642744.2 | 62.1 | | | | | | 62.1 | | | | | |
| Evergreen 049 | Rx09 | -9012.3 | 5642710.6 | 63.2 | | | | | | 61.9 | | | | | |
| Evergreen 050 | Rx09 | -9004.7 | 5642697.3 | 62.3 | | | | | | 62.9 | | | | | |
| Evergreen 051 | Rx09 | -8999.3 | 5642686.2 | 62.2 | | | | | | 62.7 | | | | | |
| Evergreen 052 | Rx09 | -8994.9 | 5642675.1 | 61.7 | | | | | | 62.2 | | | | | |
| Evergreen 053 | Rx09 | -8992.2 | 5642666.7 | 61.3 | | | | | | 61.7 | | | | | |
| Evergreen 054 | Rx09 | -8989.3 | 5642656 | 61.7 | | | | | | 62.1 | | | | | |
| Evergreen 055 | Rx09 | -8986.8 | 5642643.4 | 61.3 | | | | | | 61.7 | | | | | |
| Evergreen 056 | Rx09 | -8984.7 | 5642621 | 60.5 | | | | | | 61.0 | | | | | |
| Evergreen 057 | Rx09 | -8984.8 | 5642608.7 | 60.5 | | | | | | 61.1 | | | | | |
| Evergreen 058 | Rx09 | -8986.3 | 5642591.3 | 62.0 | | | | | | 62.5 | | | | | |
| Evergreen 059 | Rx09 | -8988.7 | 5642577.3 | 61.9 | | | | | | 62.4 | | | | | |
| Evergreen 060 | Rx09 | -8991.4 | 5642566.9 | 62.1 | | | | | | 62.5 | | | | | |
| Evergreen 061 | Rx09 | -8994.7 | 5642556.6 | 62.3 | | | | | | 62.7 | | | | | |
| Evergreen 062 | Rx09 | -8998 | 5642548.1 | 62.2 | | | | | | 62.6 | | | | | |
| Evergreen 063 | Rx09 | -9002.7 | 5642537.5 | 62.1 | | | | | | 62.4 | | | | | |
| Evergreen 064 | Rx09 | -9007.7 | 5642526.8 | 62.1 | | | | | | 62.4 | | | | | |
| Evergreen 065 | Rx09 | -9012.1 | 5642517.4 | 62.2 | | 62.2 | | | | 62.5 | | 62.5 | | | |
| Evergreen 066 | Rx09 | -9023.2 | 5642494.1 | 62.4 | | 62.5 | | | | 62.6 | | 62.7 | | | |
| Evergreen 067 | Rx09 | -9033.9 | 5642470.9 | 62.5 | | 62.6 | | | | 62.7 | | 62.8 | | | |
| Evergreen 068 | Rx09 | -9044.1 | 5642446.4 | 64.4 | | 64.5 | | | | 64.6 | | 64.7 | | | |
| Evergreen 069 | Rx09 | -9048.9 | 5642413.3 | 66.2 | 1.2 | 60.8 | | | | 66.3 | 1.3 | 60.5 | | | |
| Evergreen 070 | Rx09 | -9048.9 | 5642401.6 | 65.9 | 0.9 | 59.6 | | | | 66.1 | 1.1 | 59.7 | | | |
| Evergreen 071 | Rx09 | -9048.9 | 5642391.4 | 66.5 | 1.5 | 60.9 | | | | 66.7 | 1.7 | 60.9 | | | |
| Evergreen 072 | Rx09 | -9048.9 | 5642380.7 | 66.3 | 1.3 | 60.7 | | | | 66.4 | 1.4 | 60.8 | | | |
| Evergreen 073 | Rx09 | -9048.9 | 5642368.7 | 66.4 | 1.4 | 60.6 | | | | 66.5 | 1.5 | 60.6 | | | |
| Evergreen 074 | Rx09 | -9048.9 | 5642358 | 66.7 | 1.7 | 60.7 | | | | 66.8 | 1.8 | 60.7 | | | |
| Evergreen 075 | Rx09 | -9048.9 | 5642347.2 | 66.9 | 1.9 | 60.0 | | | | 67.0 | 2.0 | 60.1 | | | |
| Evergreen 076 | Rx09 | -9048.9 | 5642333.9 | 66.9 | 1.9 | 61.0 | | | | 67.0 | 2.0 | 60.8 | | | |
| Evergreen 077 | Rx09 | -9049 | 5642310.7 | 66.7 | 1.7 | 59.8 | | | | 66.8 | 1.8 | 60.1 | | | |
| Evergreen 078 | Rx09 | -9049 | 5642283.9 | 66.8 | 1.8 | 59.8 | | | | 66.9 | 1.9 | 59.9 | | | |
| Evergreen 079 | Rx09 | -9049 | 5642269.5 | 67.2 | 2.2 | 60.2 | | | | 67.3 | 2.3 | 60.2 | | | |
| Evergreen 080 | Rx09 | -9046.7 | 5642251.1 | 67.1 | 2.1 | 60.0 | | | | 67.2 | 2.2 | 60.0 | | | |
| Evergreen 081 | Rx09 | -9042.4 | 5642233 | 66.6 | 1.6 | 60.2 | | | | 66.7 | 1.7 | 60.4 | | | |
| Evergreen 082 | Rx09 | -9040.1 | 5642223.6 | 66.5 | 1.5 | 60.5 | | | | 66.6 | 1.6 | 60.6 | | | |
| Evergreen 083 | Rx09 | -9036.9 | 5642209.8 | 66.5 | 1.5 | 60.5 | | | | 66.6 | 1.6 | 60.6 | | | |
| Evergreen 084 | Rx09 | -9034.9 | 5642201.5 | 67.2 | 2.2 | 61.3 | | | | 67.3 | 2.3 | 61.3 | | | |
| Evergreen 085 | Rx09 | -9032.2 | 5642190 | 67.6 | 2.6 | 61.6 | | | | 67.7 | 2.7 | 61.6 | | | |
| Evergreen 086 | Rx09 | -9029.8 | 5642179.5 | 67.5 | 2.5 | 60.9 | | | | 67.6 | 2.6 | 60.9 | | | |
| Evergreen 087 | Rx09 | -9027.3 | 5642168.7 | 67.2 | 2.2 | 59.9 | | | | 67.2 | 2.2 | 60.0 | | | |
| Evergreen 088 | Rx09 | -9023.9 | 5642153.4 | 66.8 | 1.8 | 59.8 | | | | 66.9 | 1.9 | 59.8 | | | |
| Evergreen 089 | Rx09 | -9019.3 | 5642133.1 | 65.6 | 0.6 | 59.2 | | | | 65.7 | 0.7 | 59.2 | | | |
| Evergreen 090 | Rx09 | -9010 | 5642090.9 | 65.8 | 0.8 | 60.1 | | | | 65.8 | 0.8 | 60.1 | | | |
| Evergreen 091 | Rx09 | -9007.3 | 5642078.4 | 65.3 | 0.3 | 59.9 | | | | 65.4 | 0.4 | 59.3 | | | |
| Evergreen 092 | Rx09 | -9004.2 | 5642063.5 | 64.9 | | 64.8 | | | | 65.0 | | 59.3 | | | |
| Evergreen 093 | Rx09 | -9002 | 5642053.2 | 65.0 | | 64.9 | | | | 65.0 | | 59.4 | | | |
| Evergreen 094 | Rx09 | -8999.5 | 5642041.4 | 65.0 | | 65.0 | | | | 65.1 | 0.1 | 61.0 | | | |
| Evergreen 095 | Rx09 | -8997.3 | 5642031 | 64.6 | | 64.6 | | | | 64.7 | | 64.4 | | | |
| Evergreen 096 | Rx09 | -8995.6 | 5642022.4 | 64.4 | | 64.4 | | | | 64.5 | | 64.5 | | | |
| Evergreen 097 | Rx09 | -8993.2 | 5642010.9 | 64.3 | | 64.3 | | | | 64.3 | | 64.4 | | | |
| Evergreen 098 | Rx09 | -8990.1 | 5641995.8 | 64.7 | | 64.7 | | | | 64.8 | | 64.8 | | | |
| Evergreen 099 | Rx09 | -8986.7 | 5641978.9 | 64.7 | | 64.7 | | | | 64.7 | | 64.7 | | | |
| Evergreen 100 | Rx09 | -8979.8 | 5641943.9 | 63.8 | | 63.8 | | | | 63.9 | | 63.9 | | | |

SWCRR Segment 2 Noise Prediction Results
BKL Consultants Ltd.
September 21, 2017

| Colour Key |
|---|
| 64 < Leq24 ≤ 65 |
| Leq24 > 65 |

2025 Forecast Year

| Receiver | | Coordinates | | 2025 Traffic - Mainline Trucks 8%, Cross streets and ramps 5% | | | | | | 2025 Traffic - All Roads 8.4% | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | No Mitigation | | With Mitigation (TUC Alignment) | | Mitigation (Top of Berm/CZ Alignment) | | No Mitigation | | With Mitigation (TUC Alignment) | | Mitigation (Top of Berm/CZ Alignment) | |
| Name | Group | Easting (m) | Northing (m) | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA |
| Oakridge 01 | Rx06 | -9797.1 | 5649035.8 | 61.0 | | No mitigation required in this section | | | | 61.8 | | No mitigation required in this section | | | |
| Oakridge 02 | Rx06 | -9808.2 | 5649015.4 | 58.0 | | | | | | 58.8 | | | | | |
| Oakridge 03 | Rx06 | -9812.2 | 5648997.3 | 56.7 | | | | | | 57.5 | | | | | |
| Oakridge 04 | Rx06 | -9814.9 | 5648982.7 | 56.0 | | | | | | 56.8 | | | | | |
| Oakridge 05 | Rx06 | -9818.3 | 5648964.2 | 55.1 | | | | | | 55.9 | | | | | |
| Oakridge 06 | Rx06 | -9823.8 | 5648932.1 | 56.1 | | | | | | 56.9 | | | | | |
| Oakridge 07 | Rx06 | -9835.9 | 5648863.6 | 53.7 | | | | | | 54.1 | | | | | |
| Oakridge 08 | Rx06 | -9839.1 | 5648845.6 | 53.3 | | | | | | 53.7 | | | | | |
| Oakridge 09 | Rx06 | -9842.7 | 5648825.5 | 52.8 | | | | | | 53.2 | | | | | |
| Oakridge 10 | Rx06 | -9845.9 | 5648808.4 | 53.2 | | | | | | 53.5 | | | | | |
| Oakridge 11 | Rx06 | -9849.1 | 5648790.8 | 53.6 | | | | | | 53.7 | | | | | |
| Oakridge 12 | Rx06 | -9852.3 | 5648773 | 53.5 | | | | | | 54.0 | | | | | |
| Oakridge 13 | Rx06 | -9854.1 | 5648751.1 | 53.2 | | | | | | 53.7 | | | | | |
| Oakridge 14 | Rx06 | -9840.6 | 5648701.2 | 52.2 | | | | | | 52.6 | | | | | |
| Oakridge 15 | Rx06 | -9840.7 | 5648689.5 | 52.3 | | | | | | 52.7 | | | | | |
| Oakridge 16 | Rx06 | -9840.8 | 5648670.1 | 52.6 | | | | | | 53.0 | | | | | |
| Oakridge 17 | Rx06 | -9840.7 | 5648654.7 | 52.8 | | | | | | 53.1 | | | | | |
| Oakridge 18 | Rx06 | -9840.8 | 5648637 | 52.0 | | | | | | 52.5 | | | | | |
| Oakridge 19 | Rx06 | -9840.9 | 5648617.9 | 52.0 | | | | | | 52.5 | | | | | |
| Oakridge 20 | Rx06 | -9840.9 | 5648607 | 52.1 | | | | | | 52.6 | | | | | |
| Oakridge 21 | Rx06 | -9840.9 | 5648588.4 | 52.3 | | | | | | 52.7 | | | | | |
| Oakridge 22 | Rx06 | -9840.9 | 5648564.2 | 52.1 | | | | | | 52.6 | | | | | |
| Oakridge 23 | Rx06 | -9841 | 5648551.2 | 52.3 | | | | | | 52.8 | | | | | |
| Oakridge 24 | Rx06 | -9841 | 5648537.1 | 52.3 | | | | | | 52.8 | | | | | |
| Oakridge 25 | Rx06 | -9840.3 | 5648516.8 | 52.5 | | | | | | 52.9 | | | | | |
| Oakridge 26 | Rx06 | -9837.9 | 5648500.1 | 52.3 | | | | | | 52.8 | | | | | |
| Oakridge 27 | Rx06 | -9834.4 | 5648478.1 | 52.3 | | | | | | 52.8 | | | | | |
| Oakridge 28 | Rx06 | -9832 | 5648463.1 | 52.3 | | | | | | 52.8 | | | | | |
| Oakridge 29 | Rx06 | -9829.6 | 5648448.4 | 52.1 | | | | | | 52.6 | | | | | |
| Oakridge 30 | Rx06 | -9829 | 5648408.2 | 52.7 | | | | | | 52.9 | | | | | |
| Oakridge 31 | Rx06 | -9829 | 5648372.2 | 52.6 | | | | | | 53.0 | | | | | |
| Oakridge 32 | Rx06 | -9828.9 | 5648355.6 | 52.4 | | | | | | 52.8 | | | | | |
| Oakridge 33 | Rx06 | -9829 | 5648335.4 | 52.5 | | | | | | 52.9 | | | | | |
| Oakridge 34 | Rx06 | -9829.1 | 5648319.2 | 52.4 | | | | | | 52.8 | | | | | |
| Oakridge 35 | Rx06 | -9829.1 | 5648299.8 | 52.3 | | | | | | 52.7 | | | | | |
| Oakridge 36 | Rx06 | -9829.1 | 5648283.2 | 52.5 | | | | | | 52.9 | | | | | |
| Oakridge 37 | Rx06 | -9829.3 | 5648245.9 | 52.0 | | | | | | 52.4 | | | | | |
| Oakridge 38 | Rx06 | -9829.3 | 5648229.2 | 52.2 | | | | | | 52.6 | | | | | |
| Oakridge 39 | Rx06 | -9829.3 | 5648207.3 | 51.8 | | | | | | 52.3 | | | | | |
| Oakridge 40 | Rx06 | -9829.3 | 5648190.7 | 52.2 | | | | | | 52.6 | | | | | |
| Oakridge 41 | Rx06 | -9829.3 | 5648172.7 | 52.0 | | | | | | 52.4 | | | | | |
| Oakridge 42 | Rx06 | -9829.4 | 5648155.4 | 52.5 | | | | | | 52.9 | | | | | |
| Oakridge 43 | Rx06 | -9829.4 | 5648136.1 | 52.9 | | | | | | 53.3 | | | | | |
| Oakridge 44 | Rx06 | -9829.4 | 5648119.4 | 52.8 | | | | | | 53.2 | | | | | |
| Oakridge 45 | Rx06 | -9829.5 | 5648096.9 | 53.8 | | | | | | 54.1 | | | | | |
| Oakridge 46 | Rx06 | -9829.6 | 5648077.7 | 54.5 | | | | | | 54.8 | | | | | |
| Oakridge 47 | Rx06 | -9829.6 | 5648060.4 | 54.6 | | | | | | 54.9 | | | | | |
| Oakridge 48 | Rx06 | -9829.6 | 5648039.2 | 54.9 | | | | | | 55.3 | | | | | |
| Oakridge 49 | Rx06 | -9829.7 | 5648021.8 | 54.7 | | | | | | 55.1 | | | | | |
| Oakridge 50 | Rx06 | -9829.7 | 5648000.7 | 55.9 | | | | | | 56.3 | | | | | |
| Oakridge 51 | Rx06 | -9829.8 | 5647981.4 | 56.0 | | | | | | 56.3 | | | | | |
| Oakridge 52 | Rx06 | -9828.1 | 5647922.7 | 56.7 | | | | | | 57.1 | | | | | |
| Oakridge 53 | Rx06 | -9828.3 | 5647902.8 | 56.7 | | | | | | 57.1 | | | | | |
| Oakridge 54 | Rx06 | -9828.3 | 5647884.9 | 56.8 | | | | | | 57.2 | | | | | |
| Oakridge 55 | Rx06 | -9828.3 | 5647862.4 | 56.5 | | | | | | 57.0 | | | | | |
| Oakridge 56 | Rx06 | -9828.4 | 5647841.2 | 57.1 | | | | | | 57.7 | | | | | |
| Oakridge 57 | Rx06 | -9828.4 | 5647816.8 | 57.3 | | | | | | 57.8 | | | | | |
| Oakridge 58 | Rx06 | -9821.3 | 5647784.2 | 56.8 | | | | | | 57.3 | | | | | |
| Oakridge 59 | Rx06 | -9824.2 | 5647771 | 57.2 | | | | | | 57.7 | | | | | |
| Oakridge 60 | Rx06 | -9829.3 | 5647746.8 | 58.6 | | | | | | 59.2 | | | | | |
| Oakridge 61 | Rx06 | -9832.6 | 5647725.5 | 58.9 | | | | | | 59.6 | | | | | |
| Oakridge 62 | Rx06 | -9827.9 | 5647707.2 | 59.2 | | | | | | 59.9 | | | | | |
| Oakridge 63 | Rx06 | -9823.8 | 5647691.2 | 59.5 | | | | | | 60.2 | | | | | |
| Oakridge 64 | Rx06 | -9818 | 5647669.2 | 60.0 | | | | | | 60.7 | | | | | |
| Oakridge 65 | Rx06 | -9792.2 | 5647570.3 | 60.2 | | | | | | 60.9 | | | | | |
| Oakridge 66 | Rx06 | -9786.2 | 5647548.2 | 60.0 | | | | | | 60.7 | | | | | |
| Oakridge 67 | Rx06 | -9778.2 | 5647522.3 | 60.7 | | | | | | 61.5 | | | | | |
| Cedarbrae 01 | Rx07 | -9797.4 | 5647413.2 | 59.6 | | | | | | 60.2 | | | | | |
| Cedarbrae 02 | Rx07 | -9807.2 | 5647389.1 | 58.3 | | | | | | 58.7 | | | | | |
| Cedarbrae 03 | Rx07 | -9810.6 | 5647365.9 | 58.1 | | | | | | 58.4 | | | | | |
| Cedarbrae 04 | Rx07 | -9812.8 | 5647350.1 | 58.4 | | | | | | 58.6 | | | | | |
| Cedarbrae 05 | Rx07 | -9815.5 | 5647330.3 | 58.7 | | | | | | 58.9 | | | | | |
| Cedarbrae 06 | Rx07 | -9817.6 | 5647314.9 | 58.9 | | | | | | 59.1 | | | | | |
| Cedarbrae 07 | Rx07 | -9820 | 5647297.2 | 58.9 | | | | | | 59.0 | | | | | |
| Cedarbrae 08 | Rx07 | -9822.3 | 5647280.9 | 58.9 | | | | | | 59.1 | | | | | |
| Cedarbrae 09 | Rx07 | -9824.7 | 5647262.9 | 59.0 | | | | | | 59.1 | | | | | |
| Cedarbrae 10 | Rx07 | -9825.2 | 5647243.5 | 59.4 | | | | | | 59.5 | | | | | |
| Cedarbrae 11 | Rx07 | -9823.9 | 5647225.2 | 59.6 | | | | | | 59.7 | | | | | |
| Cedarbrae 12 | Rx07 | -9822.7 | 5647209.4 | 59.6 | | | | | | 59.7 | | | | | |
| Cedarbrae 13 | Rx07 | -9821.1 | 5647188.1 | 59.3 | | | | | | 59.3 | | | | | |
| Cedarbrae 14 | Rx07 | -9824.1 | 5647174.6 | 59.7 | | | | | | 59.8 | | | | | |
| Cedarbrae 15 | Rx07 | -9829.2 | 5647159.6 | 60.6 | | | | | | 60.7 | | | | | |
| Cedarbrae 16 | Rx07 | -9834.6 | 5647145.4 | 61.1 | | | | | | 61.2 | | | | | |
| Cedarbrae 17 | Rx07 | -9841.4 | 5647129.1 | 61.8 | | | | | | 61.9 | | | | | |
| Cedarbrae 18 | Rx07 | -9846.3 | 5647112 | 61.6 | | | | | | 61.7 | | | | | |
| Cedarbrae 19 | Rx07 | -9849.1 | 5647092.4 | 62.9 | | | | | | 62.9 | | | | | |
| Cedarbrae 20 | Rx07 | -9851.7 | 5647073.9 | 63.4 | | | | | | 63.4 | | | | | |
| Cedarbrae 21 | Rx07 | -9853.5 | 5647061.8 | 63.8 | | | | | | 63.9 | | | | | |
| Cedarbrae 22 | Rx07 | -9855.8 | 5647042 | 63.8 | | | | | | 63.9 | | | | | |
| Cedarbrae 23 | Rx07 | -9856.4 | 5647020.2 | 64.1 | | | | | | 64.2 | | | | | |
| Cedarbrae 24 | Rx07 | -9856.8 | 5647005.2 | 63.7 | | | | | | 63.8 | | | | | |
| Cedarbrae 25 | Rx07 | -9857.2 | 5646984.8 | 64.3 | | | | | | 64.4 | | | | | |
| Cedarbrae 26 | Rx07 | -9857.4 | 5646966.4 | 63.8 | | | | | | 63.9 | | | | | |
| Cedarbrae 27 | Rx07 | -9857.4 | 5646950.4 | 63.5 | | | | | | 63.6 | | | | | |
| Cedarbrae 28 | Rx07 | -9857.3 | 5646934.8 | 63.7 | | | | | | 63.8 | | | | | |
| Cedarbrae 29 | Rx07 | -9857.3 | 5646918.5 | 64.0 | | | | | | 64.1 | | | | | |
| Cedarbrae 30 | Rx07 | -9857.5 | 5646899.2 | 64.4 | | | | | | 64.5 | | | | | |
| Cedarbrae 31 | Rx07 | -9857.6 | 5646875.1 | 64.7 | | | | | | 64.8 | | | | | |
| Cedarbrae 32 | Rx07 | -9835.6 | 5646840 | 62.6 | | | | | | 62.7 | | | | | |
| Cedarbrae 33 | Rx07 | -9833.5 | 5646833.9 | 62.8 | | | | | | 62.9 | | | | | |
| Cedarbrae 34 | Rx07 | -9833.4 | 5646807 | 63.0 | | | | | | 63.2 | | | | | |
| Cedarbrae 35 | Rx07 | -9833.5 | 5646771.4 | 62.4 | | | | | | 62.5 | | | | | |
| Cedarbrae 36 | Rx07 | -9833.6 | 5646734.5 | 61.1 | | | | | | 61.2 | | | | | |
| Cedarbrae 37 | Rx07 | -9833.6 | 5646710.7 | 62.5 | | | | | | 62.6 | | | | | |
| Cedarbrae 38 | Rx07 | -9833.7 | 5646688 | 63.4 | | | | | | 63.5 | | | | | |
| Cedarbrae 39 | Rx07 | -9825.2 | 5646646.5 | 64.1 | | | | | | 64.2 | | | | | |
| Cedarbrae 40 | Rx07 | -9817.9 | 5646613.6 | 64.1 | | | | | | 64.1 | | | | | |
| Cedarbrae 41 | Rx07 | -9811.8 | 5646585.7 | 63.1 | | | | | | 63.3 | | | | | |
| Cedarbrae 42 | Rx07 | -9807.2 | 5646565 | 62.7 | | | | | | 62.9 | | | | | |
| Cedarbrae 43 | Rx07 | -9795.4 | 5646527.9 | 61.4 | | | | | | 61.6 | | | | | |
| Cedarbrae 44 | Rx07 | -9766.5 | 5646494.7 | 61.5 | | | | | | 61.7 | | | | | |
| Cedarbrae 45 | Rx07 | -9725.8 | 5646394.3 | 63.1 | | | | | | 63.3 | | 63.4 | | 63.4 | |
| Cedarbrae 46 | Rx07 | -9703 | 5646336.4 | 63.3 | | | | | | 63.5 | | 63.5 | | 63.5 | |
| Cedarbrae 47 | Rx07 | -9686.7 | 5646292.9 | 63.4 | | | | | | 63.7 | | 63.8 | | 63.8 | |
| Cedarbrae 48 | Rx07 | -9662.3 | 5646233.3 | 63.7 | | | | | | 64.1 | | 63.9 | | 63.9 | |
| Cedarbrae 49 | Rx07 | -9651.2 | 5646203.2 | 64.6 | | | | | | 65.1 | 0.1 | 63.1 | | 63.1 | |
| Cedarbrae 50 | Rx07 | -9570.4 | 5646141.2 | 63.3 | | | | | | 63.8 | | 61.6 | | 61.6 | |
| Cedarbrae 51 | Rx07 | -9528.4 | 5646103.6 | 65.9 | 0.9 | Mitigation as per City of Calgary requirements | | Mitigation as per City of Calgary requirements | | 66.6 | 1.6 | Mitigation as per City of Calgary requirements | | Mitigation as per City of Calgary requirements | |
| Cedarbrae 52 | Rx07 | -9465.9 | 5646085.4 | 65.1 | 0.1 | | | | | 65.8 | 0.8 | | | | |
| Cedarbrae 53 | Rx07 | -9411.7 | 5646086.8 | 62.8 | | | | | | 63.4 | | | | | |

SWCRR Segment 2 Noise Prediction Results
BKL Consultants Ltd.
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| Colour Key |
|---|
| 64 < Leq24 ≤ 65 |
| Leq24 > 65 |

2025 Forecast Year

| Receiver | | Coordinates | | 2025 Traffic - Mainline Trucks 8%, Cross streets and ramps 5% | | | | | | 2025 Traffic - All Roads 8.4% | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | No Mitigation | | With Mitigation (TUC Alignment) | | Mitigation (Top of Berm/CZ Alignment) | | No Mitigation | | With Mitigation (TUC Alignment) | | Mitigation (Top of Berm/CZ Alignment) | |
| Name | Group | Easting (m) | Northing (m) | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA |
| Cedarbrae 54 | Rx07 | -9365.4 | 5646083.6 | 62.8 | | | | | | 63.4 | | | | | |
| Cedarbrae 55 | Rx07 | -9319.9 | 5646081.3 | 61.6 | | | | | | 62.2 | | | | | |
| Cedarbrae 56 | Rx07 | -9267.9 | 5646081.2 | 60.1 | | | | | | 60.7 | | | | | |
| Cedarbrae 57 | Rx07 | -9242.9 | 5646067.3 | 59.0 | | | | | | 59.6 | | | | | |
| Cedarbrae 58 | Rx07 | -9202.2 | 5646067.2 | 57.3 | | | | | | 57.8 | | | | | |
| Cedarbrae 59 | Rx07 | -9164.5 | 5646067.1 | 57.9 | | | | | | 58.4 | | | | | |
| Cedarbrae 60 | Rx07 | -9095.8 | 5646066.9 | 59.2 | | | | | | 59.8 | | | | | |
| Woodbine 001 | Rx08 | -9091.3 | 5645958.8 | 56.6 | | 56.6 | | 56.6 | | 57.1 | | 57.1 | | 57.1 | |
| Woodbine 002 | Rx08 | -9140.5 | 5645971.7 | 58.8 | | 58.8 | | 58.8 | | 59.4 | | 59.4 | | 59.4 | |
| Woodbine 003 | Rx08 | -9169.3 | 5645962.3 | 57.2 | | 57.1 | | 57.2 | | 57.8 | | 57.8 | | 57.8 | |
| Woodbine 004 | Rx08 | -9213.4 | 5645959 | 59.7 | | 59.6 | | 59.5 | | 60.4 | | 60.4 | | 60.2 | |
| Woodbine 005 | Rx08 | -9220.6 | 5645959 | 60.1 | | 60.0 | | 60.1 | | 60.8 | | 60.8 | | 60.8 | |
| Woodbine 006 | Rx08 | -9227 | 5645958.9 | 60.2 | | 60.3 | | 60.1 | | 60.9 | | 61.0 | | 60.8 | |
| Woodbine 007 | Rx08 | -9236.9 | 5645958.9 | 60.4 | | 60.4 | | 60.0 | | 61.1 | | 61.1 | | 60.7 | |
| Woodbine 008 | Rx08 | -9243.5 | 5645959 | 61.2 | | 60.9 | | 60.6 | | 61.9 | | 61.6 | | 61.2 | |
| Woodbine 009 | Rx08 | -9251.9 | 5645959.1 | 62.1 | | 61.0 | | 61.0 | | 62.8 | | 61.6 | | 61.7 | |
| Woodbine 010 | Rx08 | -9258.5 | 5645959.1 | 62.4 | | 60.6 | | 60.8 | | 63.1 | | 61.2 | | 61.5 | |
| Woodbine 011 | Rx08 | -9269.5 | 5645959.1 | 63.1 | | 61.2 | | 61.4 | | 63.8 | | 61.9 | | 62.0 | |
| Woodbine 012 | Rx08 | -9279.2 | 5645959.1 | 63.4 | | 61.1 | | 61.5 | | 64.1 | | 61.8 | | 62.2 | |
| Woodbine 013 | Rx08 | -9285.6 | 5645959.1 | 63.8 | | 61.5 | | 62.0 | | 64.5 | | 62.2 | | 62.6 | |
| Woodbine 014 | Rx08 | -9292.2 | 5645959.1 | 64.4 | | 62.1 | | 62.7 | | 65.1 | 0.1 | 62.8 | | 63.4 | |
| Woodbine 015 | Rx08 | -9302.1 | 5645958.9 | 64.5 | | 63.1 | | 63.5 | | 65.1 | 0.1 | 63.8 | | 64.1 | |
| Woodbine 016 | Rx08 | -9308.8 | 5645958.6 | 63.7 | | 62.9 | | 63.1 | | 64.4 | | 63.6 | | 63.7 | |
| Woodbine 017 | Rx08 | -9317.9 | 5645957.2 | 63.5 | | 63.3 | | 63.3 | | 64.2 | | 64.0 | | 63.9 | |
| Woodbine 018 | Rx08 | -9326.4 | 5645955.9 | 62.5 | | 62.6 | | 62.6 | | 63.2 | | 63.3 | | 63.3 | |
| Woodbine 019 | Rx08 | -9336 | 5645954.5 | 62.0 | | 62.2 | | 62.2 | | 62.6 | | 62.9 | | 62.8 | |
| Woodbine 020 | Rx08 | -9341.9 | 5645953.5 | 61.8 | | 62.0 | | 62.0 | | 62.4 | | 62.7 | | 62.7 | |
| Woodbine 021 | Rx08 | -9350 | 5645952.2 | 61.8 | | 62.0 | | 62.0 | | 62.5 | | 62.6 | | 62.7 | |
| Woodbine 022 | Rx08 | -9357.9 | 5645950.9 | 61.0 | | 61.1 | | 61.3 | | 61.7 | | 61.8 | | 61.9 | |
| Woodbine 023 | Rx08 | -9367.7 | 5645949.4 | 61.0 | | 61.0 | | 61.1 | | 61.6 | | 61.7 | | 61.8 | |
| Woodbine 024 | Rx08 | -9375 | 5645948.2 | 61.0 | | 61.1 | | 61.2 | | 61.6 | | 61.8 | | 61.8 | |
| Woodbine 025 | Rx08 | -9382.8 | 5645947 | 60.1 | | 60.1 | | 60.2 | | 60.7 | | 60.8 | | 60.9 | |
| Woodbine 026 | Rx08 | -9390.9 | 5645945.7 | 60.0 | | 60.0 | | 60.1 | | 60.6 | | 60.6 | | 60.7 | |
| Woodbine 027 | Rx08 | -9398.2 | 5645944.6 | 59.8 | | 59.8 | | 59.9 | | 60.4 | | 60.4 | | 60.5 | |
| Woodbine 028 | Rx08 | -9424.9 | 5645940.4 | 59.9 | | 60.0 | | 60.1 | | 60.5 | | 60.7 | | 60.7 | |
| Woodbine 029 | Rx08 | -9491.6 | 5645930.9 | 62.3 | | 62.5 | | 62.5 | | 62.6 | | 62.8 | | 62.8 | |
| Woodbine 030 | Rx08 | -9519.6 | 5645928.8 | 62.5 | | 62.7 | | 62.7 | | 63.0 | | 63.2 | | 63.2 | |
| Woodbine 031 | Rx08 | -9587.2 | 5645874.4 | 61.7 | | 61.8 | | | | 61.9 | | 62.1 | | | |
| Woodbine 032 | Rx08 | -9630.8 | 5645839.4 | 62.0 | | 62.1 | | | | 62.3 | | 62.4 | | | |
| Woodbine 033 | Rx08 | -9687.6 | 5645789.6 | 63.2 | | 63.2 | | | | 63.4 | | 63.4 | | | |
| Woodbine 034 | Rx08 | -9706.7 | 5645750.1 | 62.1 | | 62.1 | | | | 62.3 | | 62.3 | | | |
| Woodbine 035 | Rx08 | -9724.2 | 5645676.3 | 62.0 | | 62.0 | | | | 62.1 | | 62.1 | | | |
| Woodbine 036 | Rx08 | -9729.2 | 5645659.5 | 62.0 | | 62.0 | | | | 62.1 | | 62.1 | | | |
| Woodbine 037 | Rx08 | -9748.7 | 5645593.8 | 63.0 | | 63.0 | | | | 63.1 | | 63.1 | | | |
| Woodbine 038 | Rx08 | -9755.5 | 5645572.6 | 63.1 | | 63.1 | | | | 63.3 | | 63.2 | | | |
| Woodbine 039 | Rx08 | -9785.9 | 5645531.1 | 64.5 | | 64.5 | | | | 64.6 | | 64.6 | | | |
| Woodbine 040 | Rx08 | -9792.7 | 5645514 | 64.0 | | 64.1 | | | | 64.1 | | 64.2 | | | |
| Woodbine 041 | Rx08 | -9797.3 | 5645501.3 | 64.3 | | 64.4 | | | | 64.4 | | 64.5 | | | |
| Woodbine 042 | Rx08 | -9805.8 | 5645475.5 | 64.5 | | 64.5 | | | | 64.5 | | 64.6 | | | |
| Woodbine 043 | Rx08 | -9813.6 | 5645447.1 | 64.4 | | 64.4 | | | | 64.3 | | 64.4 | | | |
| Woodbine 044 | Rx08 | -9819.2 | 5645421.5 | 64.5 | | 64.6 | | | | 64.6 | | 64.6 | | | |
| Woodbine 045 | Rx08 | -9824.4 | 5645391.5 | 64.9 | | 64.9 | | | | 64.9 | | 65.0 | | | |
| Woodbine 046 | Rx08 | -9827.7 | 5645365.9 | 64.9 | | 64.4 | | | | 64.9 | | 64.4 | | | |
| Woodbine 047 | Rx08 | -9831.5 | 5645331.5 | 65.6 | 0.6 | 63.4 | | | | 65.7 | 0.7 | 63.4 | | | |
| Woodbine 048 | Rx08 | -9834.1 | 5645303.6 | 66.4 | 1.4 | 62.9 | | | | 66.4 | 1.4 | 62.8 | | | |
| Woodbine 049 | Rx08 | -9836.2 | 5645277.6 | 66.2 | 1.2 | 62.7 | | | | 66.3 | 1.3 | 62.7 | | | |
| Woodbine 050 | Rx08 | -9838 | 5645249.6 | 65.4 | 0.4 | 62.6 | | | | 65.5 | 0.5 | 62.5 | | | |
| Woodbine 051 | Rx08 | -9839.4 | 5645218.5 | 64.9 | | 62.0 | | | | 64.9 | | 62.0 | | | |
| Woodbine 052 | Rx08 | -9840.3 | 5645192 | 64.8 | | 61.8 | | | | 64.9 | | 61.9 | | | |
| Woodbine 053 | Rx08 | -9840.7 | 5645168 | 65.6 | 0.6 | 63.1 | | | | 65.6 | 0.6 | 63.2 | | | |
| Woodbine 054 | Rx08 | -9840.8 | 5645139.9 | 65.0 | | 64.4 | | | | 65.1 | 0.1 | 64.4 | | | |
| Woodbine 055 | Rx08 | -9840.4 | 5645114.4 | 64.9 | | 64.9 | | | | 65.0 | | 65.0 | | | |
| Woodbine 056 | Rx08 | -9839.7 | 5645087.1 | 64.6 | | 64.6 | | | | 64.7 | | 64.7 | | | |
| Woodbine 057 | Rx08 | -9838.4 | 5645057.3 | 63.0 | | 63.0 | | | | 63.0 | | 63.1 | | | |
| Woodbine 058 | Rx08 | -9837.1 | 5645035.2 | 62.9 | | 63.0 | | | | 63.0 | | 63.1 | | | |
| Woodbine 059 | Rx08 | -9834.5 | 5644999.6 | 63.2 | | 63.3 | | | | 63.3 | | 63.4 | | | |
| Woodbine 060 | Rx08 | -9831.2 | 5644964 | 62.9 | | 62.9 | | | | 63.0 | | 63.0 | | | |
| Woodbine 061 | Rx08 | -9829 | 5644944.2 | 63.1 | | 63.2 | | | | 63.2 | | 63.2 | | | |
| Woodbine 062 | Rx08 | -9826.3 | 5644922.3 | 64.2 | | 64.2 | | | | 64.2 | | 64.3 | | | |
| Woodbine 063 | Rx08 | -9823.2 | 5644898.6 | 63.6 | | 63.6 | | | | 63.7 | | 63.7 | | | |
| Woodbine 064 | Rx08 | -9820 | 5644877.1 | 62.9 | | 62.9 | | | | 63.0 | | 63.0 | | | |
| Woodbine 065 | Rx08 | -9817.5 | 5644860.7 | 61.6 | | 61.6 | | | | 61.7 | | 61.7 | | | |
| Woodbine 066 | Rx08 | -9814.2 | 5644841 | 62.2 | | 62.2 | | | | 62.3 | | 62.3 | | | |
| Woodbine 067 | Rx08 | -9809.6 | 5644811.2 | 62.0 | | 62.0 | | | | 62.1 | | 62.1 | | | |
| Woodbine 068 | Rx08 | -9806.3 | 5644788.3 | 62.7 | | 62.7 | | | | 62.7 | | 62.7 | | | |
| Woodbine 069 | Rx08 | -9803.5 | 5644766.8 | 61.6 | | 61.6 | | | | 61.7 | | 61.7 | | | |
| Woodbine 070 | Rx08 | -9799.1 | 5644727.1 | 62.3 | | 62.3 | | | | 62.3 | | 62.3 | | | |
| Woodbine 071 | Rx08 | -9796.7 | 5644700.6 | 61.5 | | 61.5 | | | | 61.6 | | 61.6 | | | |
| Woodbine 072 | Rx08 | -9794.1 | 5644667.7 | 61.2 | | 61.2 | | | | 61.3 | | 61.3 | | | |
| Woodbine 073 | Rx08 | -9793.1 | 5644651.2 | 62.7 | | 62.7 | | | | 62.8 | | 62.8 | | | |
| Woodbine 074 | Rx08 | -9791.8 | 5644626.5 | 62.4 | | 62.4 | | | | 62.5 | | 62.5 | | | |
| Woodbine 075 | Rx08 | -9787.6 | 5644598.1 | 60.8 | | 60.8 | | | | 61.0 | | 61.0 | | | |
| Woodbine 076 | Rx08 | -9781.4 | 5644568 | 60.5 | | 60.5 | | | | 60.6 | | 60.6 | | | |
| Woodbine 077 | Rx08 | -9770.5 | 5644545.6 | 60.9 | | 60.9 | | | | 61.2 | | 61.2 | | | |
| Woodbine 078 | Rx08 | -9762.1 | 5644528.3 | 60.0 | | 60.0 | | | | 60.2 | | 60.2 | | | |
| Woodbine 079 | Rx08 | -9754.8 | 5644513.2 | 60.0 | | 60.0 | | | | 60.3 | | 60.3 | | | |
| Woodbine 080 | Rx08 | -9749.1 | 5644501.5 | 59.8 | | 59.8 | | | | 60.1 | | 60.1 | | | |
| Woodbine 081 | Rx08 | -9743.5 | 5644490.1 | 59.4 | | 59.4 | | | | 59.8 | | 59.8 | | | |
| Woodbine 082 | Rx08 | -9737.6 | 5644478 | 59.8 | | 59.8 | | | | 60.2 | | 60.2 | | | |
| Woodbine 083 | Rx08 | -9731 | 5644464.4 | 61.7 | | 61.7 | | | | 62.3 | | 62.3 | | | |
| Woodbine 084 | Rx08 | -9717.2 | 5644448 | 61.3 | | 61.3 | | | | 62.1 | | 62.1 | | | |
| Woodbine 085 | Rx08 | -9694.1 | 5644442.9 | 61.9 | | 61.9 | | | | 62.9 | | 62.9 | | | |
| Woodbine 086 | Rx08 | -9678.7 | 5644439.6 | 61.9 | | 61.9 | | | | 63.0 | | 63.0 | | | |
| Woodbine 087 | Rx08 | -9665.2 | 5644438.4 | 62.2 | | 62.2 | | | | 63.3 | | 63.3 | | | |
| Woodbine 088 | Rx08 | -9644.1 | 5644438.3 | 61.7 | | 61.7 | | | | 62.9 | | 62.9 | | | |
| Woodbine 089 | Rx08 | -9630.6 | 5644438.3 | 61.6 | | 61.6 | | | | 62.9 | | 62.9 | | | |
| Woodbine 090 | Rx08 | -9633.5 | 5644394.1 | 60.9 | | 60.9 | | | | 62.0 | | 62.0 | | | |
| Woodbine 091 | Rx08 | -9664.2 | 5644390.2 | 60.6 | | 60.6 | | | | 61.5 | | 61.5 | | | |
| Woodbine 092 | Rx08 | -9688.9 | 5644387.1 | 61.0 | | 61.0 | | | | 61.8 | | 61.8 | | | |
| Woodbine 093 | Rx08 | -9717.9 | 5644382.6 | 62.7 | | 62.7 | | | | 63.4 | | 63.4 | | | |
| Woodbine 094 | Rx08 | -9733 | 5644340.9 | 63.1 | | 63.1 | | | | 63.6 | | 63.6 | | | |
| Woodbine 095 | Rx08 | -9739.4 | 5644317.5 | 64.4 | | 64.4 | | | | 64.7 | | 64.6 | | | |
| Woodbine 096 | Rx08 | -9742.9 | 5644298.8 | 65.0 | | 64.9 | | | | 65.3 | 0.3 | 59.5 | | | |
| Woodbine 097 | Rx08 | -9746.4 | 5644280.7 | 65.5 | 0.5 | 59.4 | | | | 65.8 | 0.8 | 59.5 | | | |
| Woodbine 098 | Rx08 | -9749.9 | 5644262 | 65.3 | 0.3 | 58.5 | | | | 65.5 | 0.5 | 58.9 | | | |
| Woodbine 099 | Rx08 | -9753.2 | 5644244.7 | 65.8 | 0.8 | 60.0 | | | | 65.9 | 0.9 | 60.1 | | | |
| Woodbine 100 | Rx08 | -9757.3 | 5644223.4 | 65.8 | 0.8 | 58.7 | | | | 66.0 | 1.0 | 58.9 | | | |
| Woodbine 101 | Rx08 | -9763.4 | 5644191.3 | 65.3 | 0.3 | 61.2 | | | | 65.4 | 0.4 | 61.3 | | | |
| Woodbine 102 | Rx08 | -9764.2 | 5644187.5 | 65.2 | 0.2 | 62.2 | | | | 65.3 | 0.3 | 62.3 | | | |
| Woodbine 103 | Rx08 | -9766 | 5644142.1 | 65.1 | 0.1 | 60.5 | | | | 65.3 | 0.3 | 60.6 | | | |
| Woodbine 104 | Rx08 | -9751.8 | 5644130.7 | 64.9 | | 64.6 | | | | 65.0 | | 64.7 | | | |
| Woodbine 105 | Rx08 | -9719.4 | 5644111.7 | 60.7 | | 60.6 | | | | 60.8 | | 60.7 | | | |
| Woodbine 106 | Rx08 | -9688.8 | 5644106.9 | 58.0 | | 58.0 | | | | 58.1 | | 58.1 | | | |
| Woodbine 107 | Rx08 | -9668 | 5644103.8 | 59.8 | | 59.8 | | | | 59.8 | | 59.8 | | | |
| Woodbine 108 | Rx08 | -9648.1 | 5644100.8 | 60.7 | | 60.7 | | | | 60.8 | | 60.8 | | | |
| Woodbine 109 | Rx08 | -9632.7 | 5644093.1 | 60.2 | | 60.2 | | | | 60.3 | | 60.3 | | | |
| Woodbine 110 | Rx08 | -9614.3 | 5644071.3 | 58.2 | | 58.2 | | | | 58.3 | | 58.3 | | | |
| Evergreen 001 | Rx09 | -9390.7 | 5643028.8 | 57.2 | | | | | | 57.4 | | | | | |
| Evergreen 002 | Rx09 | -9390.7 | 5643015.3 | 55.8 | | | | | | 55.9 | | | | | |
| Evergreen 003 | Rx09 | -9390.8 | 5643001.2 | 54.7 | | | | | | 54.9 | | | | | |

SWCRR Segment 2 Noise Prediction Results
BKL Consultants Ltd.
September 21, 2017

| Colour Key |
|---|
| 64 < Leq24 ≤ 65 |
| Leq24 > 65 |

2025 Forecast Year

| Receiver | | Coordinates | | 2025 Traffic - Mainline Trucks 8%, Cross streets and ramps 5% | | | | | | 2025 Traffic - All Roads 8.4% | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | No Mitigation | | With Mitigation (TUC Alignment) | | Mitigation (Top of Berm/CZ Alignment) | | No Mitigation | | With Mitigation (TUC Alignment) | | Mitigation (Top of Berm/CZ Alignment) | |
| Name | Group | Easting | Northing | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance |
| | | (m) | (m) | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA |
| Evergreen 004 | Rx09 | -9390.8 | 5642985.3 | 52.7 | | | | | | 53.0 | | | | | |
| Evergreen 005 | Rx09 | -9383.3 | 5642969.5 | 55.4 | | | | | | 55.6 | | | | | |
| Evergreen 006 | Rx09 | -9370.2 | 5642955.7 | 54.7 | | | | | | 55.0 | | | | | |
| Evergreen 007 | Rx09 | -9362.1 | 5642946.8 | 55.2 | | | | | | 55.4 | | | | | |
| Evergreen 008 | Rx09 | -9352.6 | 5642936.4 | 55.0 | | | | | | 55.3 | | | | | |
| Evergreen 009 | Rx09 | -9345.4 | 5642928.1 | 55.5 | | | | | | 55.7 | | | | | |
| Evergreen 010 | Rx09 | -9337.1 | 5642918.5 | 55.3 | | | | | | 55.6 | | | | | |
| Evergreen 011 | Rx09 | -9330.9 | 5642911.1 | 56.0 | | | | | | 56.3 | | | | | |
| Evergreen 012 | Rx09 | -9322.2 | 5642900.5 | 55.5 | | | | | | 55.8 | | | | | |
| Evergreen 013 | Rx09 | -9313.9 | 5642890.2 | 55.6 | | | | | | 55.9 | | | | | |
| Evergreen 014 | Rx09 | -9307 | 5642881.3 | 56.0 | | | | | | 56.4 | | | | | |
| Evergreen 015 | Rx09 | -9301.2 | 5642873.7 | 57.1 | | | | | | 57.4 | | | | | |
| Evergreen 016 | Rx09 | -9292.4 | 5642862.1 | 57.5 | | | | | | 57.8 | | | | | |
| Evergreen 017 | Rx09 | -9285.5 | 5642852.6 | 57.5 | | | | | | 57.9 | | | | | |
| Evergreen 018 | Rx09 | -9277.2 | 5642841.8 | 58.3 | | | | | | 58.7 | | | | | |
| Evergreen 019 | Rx09 | -9267.5 | 5642829.3 | 61.8 | | | | | | 62.1 | | | | | |
| Evergreen 020 | Rx09 | -9261.1 | 5642821.1 | 61.7 | | | | | | 62.1 | | | | | |
| Evergreen 021 | Rx09 | -9247.4 | 5642803.5 | 63.2 | | | | | | 63.7 | | | | | |
| Evergreen 022 | Rx09 | -9235.6 | 5642790.5 | 62.0 | | | | | | 62.6 | | | | | |
| Evergreen 023 | Rx09 | -9218 | 5642790.4 | 61.1 | | | | | | 61.6 | | | | | |
| Evergreen 024 | Rx09 | -9203.2 | 5642790.4 | 60.4 | | | | | | 61.0 | | | | | |
| Evergreen 025 | Rx09 | -9187.6 | 5642790.4 | 60.0 | | | | | | 60.6 | | | | | |
| Evergreen 026 | Rx09 | -9174.4 | 5642790.4 | 60.0 | | | | | | 60.7 | | | | | |
| Evergreen 027 | Rx09 | -9160.3 | 5642790.3 | 58.5 | | | | | | 59.3 | | | | | |
| Evergreen 028 | Rx09 | -9147.6 | 5642790.3 | 59.2 | | | | | | 60.0 | | | | | |
| Evergreen 029 | Rx09 | -9135.4 | 5642790.3 | 60.1 | | | | | | 60.9 | | | | | |
| Evergreen 030 | Rx09 | -9125.2 | 5642790.3 | 59.9 | | | | | | 60.6 | | | | | |
| Evergreen 031 | Rx09 | -9110.1 | 5642790.3 | 59.0 | | | | | | 59.6 | | | | | |
| Evergreen 032 | Rx09 | -9096.9 | 5642790.2 | 60.2 | | | | | | 60.9 | | | | | |
| Evergreen 033 | Rx09 | -9085.6 | 5642790.2 | 61.3 | | | | | | 62.1 | | | | | |
| Evergreen 034 | Rx09 | -9072.9 | 5642790.2 | 61.0 | | | | | | 61.8 | | | | | |
| Evergreen 035 | Rx09 | -9060.6 | 5642790.2 | 60.6 | | | | | | 61.5 | | | | | |
| Evergreen 036 | Rx09 | -9049.4 | 5642790.2 | 59.9 | | | | | | 60.7 | | | | | |
| Evergreen 037 | Rx09 | -9035.9 | 5642790.7 | 60.8 | | | | | | 61.7 | | | | | |
| Evergreen 038 | Rx09 | -9025.4 | 5642792.3 | 60.6 | | | | | | 61.5 | | | | | |
| Evergreen 039 | Rx09 | -9011.7 | 5642794.1 | 60.0 | | | | | | 60.8 | | | | | |
| Evergreen 040 | Rx09 | -9001.2 | 5642795.2 | 59.7 | | | | | | 60.5 | | | | | |
| Evergreen 041 | Rx09 | -8987.2 | 5642796.4 | 59.3 | | | | | | 60.1 | | | | | |
| Evergreen 042 | Rx09 | -8977.3 | 5642797.1 | 59.0 | | | | | | 59.8 | | | | | |
| Evergreen 043 | Rx09 | -8964.3 | 5642797.7 | 57.9 | | | | | | 58.8 | | | | | |
| Evergreen 044 | Rx09 | -8951.5 | 5642797.9 | 58.3 | | | | | | 59.1 | | | | | |
| Evergreen 045 | Rx09 | -8943.1 | 5642756.8 | 61.1 | | | | | | 61.9 | | | | | |
| Evergreen 046 | Rx09 | -8966.7 | 5642754.1 | 61.6 | | | | | | 62.5 | | | | | |
| Evergreen 047 | Rx09 | -8985.2 | 5642750.9 | 62.0 | | | | | | 62.8 | | | | | |
| Evergreen 048 | Rx09 | -9006.9 | 5642744.2 | 61.1 | | | | | | 61.7 | | | | | |
| Evergreen 049 | Rx09 | -9012.3 | 5642710.6 | 60.9 | | | | | | 61.6 | | | | | |
| Evergreen 050 | Rx09 | -9004.7 | 5642697.3 | 61.9 | | | | | | 62.5 | | | | | |
| Evergreen 051 | Rx09 | -8999.3 | 5642686.2 | 61.8 | | | | | | 62.4 | | | | | |
| Evergreen 052 | Rx09 | -8994.9 | 5642675.1 | 61.4 | | | | | | 61.9 | | | | | |
| Evergreen 053 | Rx09 | -8992.2 | 5642666.7 | 60.9 | | | | | | 61.4 | | | | | |
| Evergreen 054 | Rx09 | -8989.3 | 5642656 | 61.3 | | | | | | 61.8 | | | | | |
| Evergreen 055 | Rx09 | -8986.8 | 5642643.4 | 60.9 | | | | | | 61.4 | | | | | |
| Evergreen 056 | Rx09 | -8984.7 | 5642621 | 60.2 | | | | | | 60.7 | | | | | |
| Evergreen 057 | Rx09 | -8984.8 | 5642608.7 | 60.3 | | | | | | 60.7 | | | | | |
| Evergreen 058 | Rx09 | -8986.3 | 5642591.3 | 61.8 | | | | | | 62.2 | | | | | |
| Evergreen 059 | Rx09 | -8988.7 | 5642577.3 | 61.7 | | | | | | 62.1 | | | | | |
| Evergreen 060 | Rx09 | -8991.4 | 5642566.9 | 61.8 | | | | | | 62.2 | | | | | |
| Evergreen 061 | Rx09 | -8994.7 | 5642556.6 | 62.0 | | | | | | 62.4 | | | | | |
| Evergreen 062 | Rx09 | -8998 | 5642548.1 | 61.9 | | | | | | 62.2 | | | | | |
| Evergreen 063 | Rx09 | -9002.7 | 5642537.5 | 61.8 | | | | | | 62.1 | | | | | |
| Evergreen 064 | Rx09 | -9007.7 | 5642526.8 | 61.8 | | | | | | 62.1 | | | | | |
| Evergreen 065 | Rx09 | -9012.1 | 5642517.4 | 61.8 | | 61.9 | | | | 62.2 | | 62.2 | | | |
| Evergreen 066 | Rx09 | -9023.2 | 5642494.1 | 62.1 | | 62.1 | | | | 62.3 | | 62.3 | | | |
| Evergreen 067 | Rx09 | -9033.9 | 5642470.9 | 62.2 | | 62.2 | | | | 62.4 | | 62.4 | | | |
| Evergreen 068 | Rx09 | -9044.1 | 5642446.4 | 64.1 | | 64.2 | | | | 64.3 | | 64.4 | | | |
| Evergreen 069 | Rx09 | -9048.9 | 5642413.3 | 65.9 | 0.9 | 60.1 | | | | 66.0 | 1.0 | 60.2 | | | |
| Evergreen 070 | Rx09 | -9048.9 | 5642401.6 | 65.6 | 0.6 | 59.3 | | | | 65.7 | 0.7 | 59.5 | | | |
| Evergreen 071 | Rx09 | -9048.9 | 5642391.4 | 66.2 | 1.2 | 60.6 | | | | 66.3 | 1.3 | 60.8 | | | |
| Evergreen 072 | Rx09 | -9048.9 | 5642380.7 | 65.9 | 0.9 | 60.3 | | | | 66.1 | 1.1 | 60.5 | | | |
| Evergreen 073 | Rx09 | -9048.9 | 5642368.7 | 66.0 | 1.0 | 60.3 | | | | 66.2 | 1.2 | 60.5 | | | |
| Evergreen 074 | Rx09 | -9048.9 | 5642358 | 66.4 | 1.4 | 60.4 | | | | 66.5 | 1.5 | 60.6 | | | |
| Evergreen 075 | Rx09 | -9048.9 | 5642347.2 | 66.5 | 1.5 | 59.7 | | | | 66.7 | 1.7 | 59.9 | | | |
| Evergreen 076 | Rx09 | -9048.9 | 5642333.9 | 66.5 | 1.5 | 60.6 | | | | 66.7 | 1.7 | 60.8 | | | |
| Evergreen 077 | Rx09 | -9049 | 5642310.7 | 66.4 | 1.4 | 59.5 | | | | 66.5 | 1.5 | 59.6 | | | |
| Evergreen 078 | Rx09 | -9049 | 5642283.9 | 66.5 | 1.5 | 59.5 | | | | 66.6 | 1.6 | 59.6 | | | |
| Evergreen 079 | Rx09 | -9049 | 5642269.5 | 66.9 | 1.9 | 59.9 | | | | 67.0 | 2.0 | 59.9 | | | |
| Evergreen 080 | Rx09 | -9046.7 | 5642251.1 | 66.8 | 1.8 | 59.7 | | | | 66.9 | 1.9 | 59.6 | | | |
| Evergreen 081 | Rx09 | -9042.4 | 5642233 | 66.3 | 1.3 | 59.9 | | | | 66.4 | 1.4 | 60.0 | | | |
| Evergreen 082 | Rx09 | -9040.1 | 5642223.6 | 66.2 | 1.2 | 60.2 | | | | 66.3 | 1.3 | 60.3 | | | |
| Evergreen 083 | Rx09 | -9036.9 | 5642209.8 | 66.2 | 1.2 | 60.2 | | | | 66.3 | 1.3 | 60.3 | | | |
| Evergreen 084 | Rx09 | -9034.9 | 5642201.5 | 66.9 | 1.9 | 61.0 | | | | 67.0 | 2.0 | 61.1 | | | |
| Evergreen 085 | Rx09 | -9032.2 | 5642190 | 67.2 | 2.2 | 61.3 | | | | 67.3 | 2.3 | 61.4 | | | |
| Evergreen 086 | Rx09 | -9029.8 | 5642179.5 | 67.2 | 2.2 | 60.5 | | | | 67.3 | 2.3 | 60.7 | | | |
| Evergreen 087 | Rx09 | -9027.3 | 5642168.7 | 66.8 | 1.8 | 59.6 | | | | 66.9 | 1.9 | 59.7 | | | |
| Evergreen 088 | Rx09 | -9023.9 | 5642153.4 | 66.5 | 1.5 | 59.4 | | | | 66.6 | 1.6 | 59.5 | | | |
| Evergreen 089 | Rx09 | -9019.3 | 5642133.1 | 65.3 | 0.3 | 58.7 | | | | 65.4 | 0.4 | 58.8 | | | |
| Evergreen 090 | Rx09 | -9010 | 5642090.9 | 65.4 | 0.4 | 60.1 | | | | 65.5 | 0.5 | 60.2 | | | |
| Evergreen 091 | Rx09 | -9007.3 | 5642078.4 | 65.0 | | 64.5 | | | | 65.0 | | 64.6 | | | |
| Evergreen 092 | Rx09 | -9004.2 | 5642063.5 | 64.6 | | 64.6 | | | | 64.6 | | 64.6 | | | |
| Evergreen 093 | Rx09 | -9002 | 5642053.2 | 64.6 | | 64.6 | | | | 64.7 | | 64.7 | | | |
| Evergreen 094 | Rx09 | -8999.5 | 5642041.4 | 64.7 | | 64.7 | | | | 64.8 | | 64.8 | | | |
| Evergreen 095 | Rx09 | -8997.3 | 5642031 | 64.3 | | 64.3 | | | | 64.4 | | 64.4 | | | |
| Evergreen 096 | Rx09 | -8995.6 | 5642022.4 | 64.1 | | 64.1 | | | | 64.2 | | 64.2 | | | |
| Evergreen 097 | Rx09 | -8993.2 | 5642010.9 | 63.9 | | 63.9 | | | | 64.0 | | 64.0 | | | |
| Evergreen 098 | Rx09 | -8990.1 | 5641995.8 | 64.4 | | 64.4 | | | | 64.4 | | 64.4 | | | |
| Evergreen 099 | Rx09 | -8986.7 | 5641978.9 | 64.3 | | 64.4 | | | | 64.4 | | 64.4 | | | |
| Evergreen 100 | Rx09 | -8979.8 | 5641943.9 | 63.5 | | 63.5 | | | | 63.5 | | 63.5 | | | |

SWCRR Segment 3 Noise Prediction Results
BKL Consultants Ltd.
February 2018

| Colour Key |
|---|
| 64 < Leq24 ≤ 65 |
| Leq24 > 65 |

2050 Forecast Year

| Receiver | | Coordinates | | 2050 Traffic - Mainline Trucks 8%, Cross streets and ramps 5% | | | | | | 2050 Traffic - All Roads 8.4% | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | No Mitigation | | With Mitigation TUC alignment | | With Mitigation Top of Berm alignment | | No Mitigation | | With Mitigation TUC alignment | | With Mitigation Top of Berm alignment | |
| Name | Group | Easting | Northing | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance |
| | | (m) | (m) | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA |
| Evergreen 100 | Rx09 | -8979.8 | 5641943.9 | 64.7 | | 58.6 | | | | 64.8 | | 58.7 | | | |
| Evergreen 101 | Rx09b | -8974 | 5641913.4 | 65.6 | 0.6 | 60.5 | | | | 65.7 | 0.7 | 60.6 | | | |
| Evergreen 102 | Rx09b | -8970.1 | 5641892.7 | 64.5 | | | | | | 64.6 | | | | | |
| Evergreen 103 | Rx09b | -8961 | 5641854.3 | 64.2 | | | | | | 64.3 | | | | | |
| Evergreen 104 | Rx09b | -8957.6 | 5641836 | 64.6 | | | | | | 64.7 | | | | | |
| Evergreen 105 | Rx09b | -8955.1 | 5641822.3 | 64.9 | | | | | | 65.0 | | | | | |
| Evergreen 106 | Rx09b | -8953.1 | 5641811.4 | 64.8 | | | | | | 64.9 | | | | | |
| Evergreen 107 | Rx09b | -8951.5 | 5641802 | 64.8 | | | | | | 64.9 | | | | | |
| Evergreen 108 | Rx09b | -8950 | 5641793.6 | 64.5 | | | | | | 64.6 | | | | | |
| Evergreen 109 | Rx09b | -8947.6 | 5641780.5 | 64.3 | | | | | | 64.4 | | | | | |
| Evergreen 110 | Rx09b | -8946 | 5641771.5 | 64.5 | | | | | | 64.6 | | | | | |
| Evergreen 111 | Rx09b | -8944.3 | 5641762 | 64.4 | | | | | | 64.5 | | | | | |
| Evergreen 112 | Rx09b | -8942.5 | 5641751.8 | 64.5 | | | | | | 64.6 | | | | | |
| Evergreen 113 | Rx09b | -8940.7 | 5641741.6 | 64.4 | | | | | | 64.5 | | | | | |
| Evergreen 114 | Rx09b | -8939.1 | 5641733 | 64.0 | | | | | | 64.1 | | | | | |
| Evergreen 115 | Rx09b | -8936.9 | 5641719.9 | 64.3 | | | | | | 64.4 | | | | | |
| Evergreen 116 | Rx09b | -8933.7 | 5641701.5 | 64.4 | | | | | | 64.5 | | | | | |
| Evergreen 117 | Rx09b | -8931.9 | 5641690.5 | 64.1 | | | | | | 64.2 | | | | | |
| Evergreen 118 | Rx09b | -8930.6 | 5641682.9 | 64.0 | | | | | | 64.1 | | | | | |
| Evergreen 119 | Rx09b | -8928.4 | 5641669.4 | 64.0 | | | | | | 64.1 | | | | | |
| Evergreen 120 | Rx09b | -8927.3 | 5641662.6 | 63.9 | | | | | | 64.0 | | | | | |
| Evergreen 121 | Rx09b | -8925.5 | 5641650.7 | 64.1 | | | | | | 64.2 | | | | | |
| Evergreen 122 | Rx09b | -8924.2 | 5641642.4 | 64.1 | | | | | | 64.2 | | | | | |
| Evergreen 123 | Rx09b | -8922.6 | 5641631.9 | 64.0 | | | | | | 64.1 | | | | | |
| Evergreen 124 | Rx09b | -8920.8 | 5641620.4 | 63.6 | | | | | | 63.7 | | | | | |
| Evergreen 125 | Rx09b | -8919.6 | 5641611.9 | 63.5 | | | | | | 63.6 | | | | | |
| Evergreen 126 | Rx09b | -8917.9 | 5641600.5 | 63.2 | | | | | | 63.4 | | | | | |
| Evergreen 127 | Rx09b | -8916.5 | 5641590.7 | 62.9 | | | | | | 63.1 | | | | | |
| Evergreen 128 | Rx09b | -8914.2 | 5641574.4 | 62.4 | | | | | | 62.5 | | | | | |
| Evergreen 129 | Rx09b | -8912.9 | 5641564.2 | 62.0 | | | | | | 62.2 | | | | | |
| Evergreen 130 | Rx09b | -8911.6 | 5641554.7 | 61.7 | | | | | | 61.8 | | | | | |
| Evergreen 131 | Rx09b | -8910.4 | 5641545.7 | 61.9 | | | | | | 62.1 | | | | | |
| Evergreen 132 | Rx09b | -8909 | 5641534.8 | 61.6 | | | | | | 61.8 | | | | | |
| Evergreen 133 | Rx09b | -8907.5 | 5641523.4 | 61.4 | | | | | | 61.6 | | | | | |
| Evergreen 134 | Rx09b | -8906.4 | 5641514.1 | 61.6 | | | | | | 61.7 | | | | | |
| Evergreen 135 | Rx09b | -8905.2 | 5641504.4 | 61.3 | | | | | | 61.5 | | | | | |
| Evergreen 136 | Rx09b | -8903.4 | 5641489.3 | 61.2 | | | | | | 61.4 | | | | | |
| Evergreen 137 | Rx09b | -8901 | 5641468.4 | 60.2 | | | | | | 60.5 | | | | | |
| Evergreen 138 | Rx09b | -8897.5 | 5641437.6 | 60.5 | | | | | | 60.7 | | | | | |
| Evergreen 139 | Rx09b | -8894 | 5641416.6 | 60.2 | | | | | | 60.4 | | | | | |
| Evergreen 140 | Rx09b | -8889.8 | 5641398.9 | 61.0 | | | | | | 61.3 | | | | | |
| Evergreen 141 | Rx09b | -8885.5 | 5641384.7 | 60.7 | | | | | | 61.0 | | | | | |
| Evergreen 142 | Rx09b | -8880.8 | 5641371.6 | 60.7 | | | | | | 61.0 | | | | | |
| Evergreen 143 | Rx09b | -8877.7 | 5641364.2 | 60.6 | | | | | | 61.0 | | | | | |
| Evergreen 144 | Rx09b | -8872.6 | 5641352.8 | 60.5 | | | | | | 60.9 | | | | | |
| Evergreen 145 | Rx09b | -8867.9 | 5641343.5 | 60.3 | | | | | | 60.7 | | | | | |
| Evergreen 146 | Rx09b | -8861.7 | 5641332.2 | 60.4 | | | | | | 60.7 | | | | | |
| Evergreen 147 | Rx09b | -8855.5 | 5641322.1 | 60.3 | | | | | | 60.7 | | | | | |
| Evergreen 148 | Rx09b | -8847.8 | 5641310.3 | 59.8 | | | | | | 60.2 | | | | | |
| Evergreen 149 | Rx09b | -8843.9 | 5641304.5 | 59.9 | | | | | | 60.4 | | | | | |
| Evergreen 150 | Rx09b | -8835.6 | 5641292.1 | 60.8 | | | | | | 61.3 | | | | | |
| Evergreen 151 | Rx09b | -8825.6 | 5641277 | 60.2 | | | | | | 60.8 | | | | | |
| Evergreen 152 | Rx09b | -8808.5 | 5641251.5 | 60.5 | | | | | | 61.1 | | | | | |
| Evergreen 153 | Rx09b | -8800.1 | 5641241.5 | 60.7 | | | | | | 61.4 | | | | | |
| Evergreen 154 | Rx09b | -8785.3 | 5641228 | 61.2 | | | | | | 62.0 | | | | | |
| Evergreen 155 | Rx09b | -8768.6 | 5641217.4 | 62.1 | | | | | | 63.0 | | | | | |
| Evergreen 156 | Rx09b | -8756.1 | 5641211.7 | 61.8 | | | | | | 62.7 | | | | | |
| Evergreen 157 | Rx09b | -8746.4 | 5641208.4 | 62.2 | | | | | | 63.2 | | | | | |
| Evergreen 158 | Rx09b | -8733.2 | 5641205.2 | 62.5 | | | | | | 63.6 | | | | | |
| Evergreen 159 | Rx09b | -8723.5 | 5641203.2 | 63.1 | | | | | | 64.1 | | | | | |
| Evergreen 160 | Rx09b | -8711.4 | 5641200.7 | 63.4 | | | | | | 64.4 | | | | | |
| Evergreen 161 | Rx09b | -8702.8 | 5641199.1 | 63.4 | | | | | | 64.5 | | | | | |
| Evergreen 162 | Rx09b | -8688.3 | 5641196.5 | 61.2 | | | | | | 62.2 | | | | | |
| Evergreen 163 | Rx09b | -8678.6 | 5641194.9 | 61.4 | | | | | | 62.3 | | | | | |
| Evergreen 164 | Rx09b | -8661.5 | 5641192.4 | 61.9 | | | | | | 62.8 | | | | | |
| Bridlewood 001 | Rx10 | -8646.1 | 5641121.9 | 63.8 | | | | | | 65.0 | | | | | |
| Bridlewood 002 | Rx10 | -8646.1 | 5641110 | 61.9 | | | | | | 63.1 | | | | | |
| Bridlewood 003 | Rx10 | -8646.2 | 5641097.5 | 60.8 | | | | | | 61.9 | | | | | |
| Bridlewood 004 | Rx10 | -8646.2 | 5641085 | 60.1 | | | | | | 61.1 | | | | | |
| Bridlewood 005 | Rx10 | -8646.2 | 5641076.5 | 59.9 | | | | | | 60.9 | | | | | |
| Bridlewood 006 | Rx10 | -8646.3 | 5641065.2 | 59.9 | | | | | | 60.9 | | | | | |
| Bridlewood 007 | Rx10 | -8646.3 | 5641053.2 | 59.4 | | | | | | 60.3 | | | | | |
| Bridlewood 008 | Rx10 | -8646.3 | 5641040.7 | 59.9 | | | | | | 61.0 | | | | | |
| Bridlewood 009 | Rx10 | -8646.4 | 5641029.7 | 59.6 | | | | | | 60.6 | | | | | |
| Bridlewood 010 | Rx10 | -8646.4 | 5641018.5 | 59.4 | | | | | | 60.4 | | | | | |
| Bridlewood 011 | Rx10 | -8646.4 | 5641007.1 | 59.4 | | | | | | 60.3 | | | | | |
| Bridlewood 012 | Rx10 | -8646.5 | 5640995.1 | 59.2 | | | | | | 60.1 | | | | | |
| Bridlewood 013 | Rx10 | -8646.5 | 5640983.9 | 58.9 | | | | | | 59.8 | | | | | |
| Bridlewood 014 | Rx10 | -8646.6 | 5640946.7 | 58.4 | | | | | | 59.2 | | | | | |
| Bridlewood 015 | Rx10 | -8646.7 | 5640936 | 58.4 | | | | | | 59.1 | | | | | |
| Bridlewood 016 | Rx10 | -8646.7 | 5640924.7 | 58.5 | | | | | | 59.3 | | | | | |
| Bridlewood 017 | Rx10 | -8646.7 | 5640912.9 | 58.2 | | | | | | 58.9 | | | | | |
| Bridlewood 018 | Rx10 | -8646.8 | 5640901.2 | 58.1 | | | | | | 58.8 | | | | | |
| Bridlewood 019 | Rx10 | -8646.8 | 5640890.6 | 58.0 | | | | | | 58.7 | | | | | |
| Bridlewood 020 | Rx10 | -8646.8 | 5640877.8 | 57.6 | | | | | | 58.2 | | | | | |
| Bridlewood 021 | Rx10 | -8646.9 | 5640866.7 | 57.7 | | | | | | 58.3 | | | | | |
| Bridlewood 022 | Rx10 | -8646.9 | 5640854.7 | 57.7 | | | | | | 58.2 | | | | | |
| Bridlewood 023 | Rx10 | -8646.9 | 5640844 | 58.2 | | | | | | 58.7 | | | | | |
| Bridlewood 024 | Rx10 | -8647 | 5640832.2 | 58.3 | | | | | | 58.8 | | | | | |
| Bridlewood 025 | Rx10 | -8647 | 5640822.2 | 58.0 | | | | | | 58.5 | | | | | |
| Bridlewood 026 | Rx10 | -8647.1 | 5640809.8 | 57.8 | | | | | | 58.3 | | | | | |
| Bridlewood 027 | Rx10 | -8647.1 | 5640799.2 | 57.8 | | | | | | 58.2 | | | | | |
| Bridlewood 028 | Rx10 | -8647.1 | 5640785.2 | 57.3 | | | | | | 57.8 | | | | | |
| Bridlewood 029 | Rx10 | -8647.2 | 5640772.6 | 58.1 | | | | | | 58.5 | | | | | |
| Bridlewood 030 | Rx10 | -8647.2 | 5640762.7 | 58.0 | | | | | | 58.4 | | | | | |
| Bridlewood 031 | Rx10 | -8647.2 | 5640750.2 | 57.9 | | | | | | 58.3 | | | | | |
| Bridlewood 032 | Rx10 | -8647.3 | 5640738.6 | 57.9 | | | | | | 58.3 | | | | | |
| Bridlewood 033 | Rx10 | -8647.3 | 5640728 | 58.4 | | | | | | 58.8 | | | | | |
| Bridlewood 034 | Rx10 | -8647.3 | 5640714.8 | 58.3 | | | | | | 58.6 | | | | | |
| Bridlewood 035 | Rx10 | -8647.4 | 5640703.6 | 58.3 | | | | | | 58.6 | | | | | |
| Bridlewood 036 | Rx10 | -8647.4 | 5640691.8 | 58.1 | | | | | | 58.5 | | | | | |
| Bridlewood 037 | Rx10 | -8647.4 | 5640681.5 | 58.0 | | | | | | 58.3 | | | | | |
| Bridlewood 038 | Rx10 | -8647.5 | 5640669.6 | 58.4 | | | | | | 58.8 | | | | | |
| Bridlewood 039 | Rx10 | -8647.5 | 5640657.7 | 58.2 | | | | | | 58.5 | | | | | |
| Bridlewood 040 | Rx10 | -8647.6 | 5640646.2 | 58.3 | | | | | | 58.6 | | | | | |
| Bridlewood 041 | Rx10 | -8647.6 | 5640633 | 58.3 | | | | | | 58.6 | | | | | |
| Bridlewood 042 | Rx10 | -8647.6 | 5640624 | 58.3 | | | | | | 58.6 | | | | | |
| Bridlewood 043 | Rx10 | -8647.7 | 5640611.8 | 58.2 | | | | | | 58.5 | | | | | |
| Bridlewood 044 | Rx10 | -8647.7 | 5640600.9 | 58.7 | | | | | | 59.0 | | | | | |
| Bridlewood 045 | Rx10 | -8647.7 | 5640588.1 | 58.4 | | | | | | 58.7 | | | | | |
| Bridlewood 046 | Rx10 | -8647.8 | 5640552.1 | 59.3 | | | | | | 59.6 | | | | | |
| Bridlewood 047 | Rx10 | -8647.9 | 5640542.4 | 58.2 | | | | | | 58.5 | | | | | |

SWCRR Segment 3 Noise Prediction Results
BKL Consultants Ltd.
February 2018

Colour Key
64 < Leq24 ≤ 65
Leq24 > 65

2050 Forecast Year

| Receiver | | Coordinates | | 2050 Traffic - Mainline Trucks 8%, Cross streets and ramps 5% | | | | | | 2050 Traffic - All Roads 8.4% | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | No Mitigation | | With Mitigation TUC alignment | | With Mitigation Top of Berm alignment | | No Mitigation | | With Mitigation TUC alignment | | With Mitigation Top of Berm alignment | |
| Name | Group | Easting (m) | Northing (m) | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA |
| Bridlewood 048 | Rx10 | -8647.9 | 5640531.3 | 57.9 | | | | | | 58.2 | | | | | |
| Bridlewood 049 | Rx10 | -8647.9 | 5640521 | 57.7 | | | | | | 58.0 | | | | | |
| Bridlewood 050 | Rx10 | -8648 | 5640507.8 | 58.6 | | | | | | 58.9 | | | | | |
| Bridlewood 051 | Rx10 | -8648 | 5640498.3 | 58.1 | | | | | | 58.4 | | | | | |
| Bridlewood 052 | Rx10 | -8648 | 5640485.3 | 58.9 | | | | | | 59.2 | | | | | |
| Bridlewood 053 | Rx10 | -8648.1 | 5640474 | 58.6 | | | | | | 58.9 | | | | | |
| Bridlewood 054 | Rx10 | -8648.1 | 5640462.7 | 59.0 | | | | | | 59.3 | | | | | |
| Bridlewood 055 | Rx10 | -8648.1 | 5640451.7 | 59.7 | | | | | | 60.0 | | | | | |
| Bridlewood 056 | Rx10 | -8648.2 | 5640440.4 | 58.6 | | | | | | 58.9 | | | | | |
| Bridlewood 057 | Rx10 | -8648.2 | 5640429.9 | 59.4 | | | | | | 59.7 | | | | | |
| Bridlewood 058 | Rx10 | -8648.2 | 5640417.7 | 60.2 | | | | | | 60.5 | | | | | |
| Bridlewood 059 | Rx10 | -8648.3 | 5640407.2 | 60.1 | | | | | | 60.4 | | | | | |
| Bridlewood 060 | Rx10 | -8648.3 | 5640391.5 | 60.3 | | | | | | 60.6 | | | | | |
| Bridlewood 061 | Rx10 | -8642.7 | 5640351.1 | 60.3 | | 60.3 | | | | 60.5 | | 60.5 | | | |
| Bridlewood 062 | Rx10 | -8629.6 | 5640325.9 | 61.0 | | 61.0 | | | | 61.2 | | 61.2 | | | |
| Bridlewood 063 | Rx10 | -8616 | 5640292.1 | 62.7 | | 62.7 | | | | 62.9 | | 62.9 | | | |
| Bridlewood 064 | Rx10 | -8605 | 5640264.9 | 63.3 | | 63.3 | | | | 63.5 | | 63.5 | | | |
| Bridlewood 065 | Rx10 | -8596.4 | 5640243.6 | 63.4 | | 63.4 | | | | 63.6 | | 63.6 | | | |
| Bridlewood 066 | Rx10 | -8587 | 5640220.3 | 63.8 | | 63.8 | | | | 64.0 | | 64.0 | | | |
| Bridlewood 067 | Rx10 | -8578.7 | 5640199.9 | 64.2 | | 64.2 | | | | 64.3 | | 64.3 | | | |
| Bridlewood 068 | Rx10 | -8569.6 | 5640177.4 | 64.1 | | 64.0 | | | | 64.3 | | 64.2 | | | |
| Bridlewood 069 | Rx10 | -8560.5 | 5640154.7 | 65.0 | | 59.6 | | | | 65.2 | 0.2 | 59.8 | | | |
| Bridlewood 070 | Rx10 | -8551.3 | 5640132 | 65.1 | 0.1 | 59.4 | | | | 65.2 | 0.2 | 59.6 | | | |
| Bridlewood 071 | Rx10 | -8537.9 | 5640106.5 | 65.7 | 0.7 | 59.6 | | | | 65.8 | 0.8 | 59.7 | | | |
| Bridlewood 072 | Rx10 | -8520.4 | 5640086.8 | 66.0 | 1.0 | 59.8 | | | | 66.2 | 1.2 | 60.0 | | | |
| Bridlewood 073 | Rx10 | -8506.9 | 5640071.7 | 65.3 | 0.3 | 58.9 | | | | 65.4 | 0.4 | 59.0 | | | |
| Bridlewood 074 | Rx10 | -8489.5 | 5640052.1 | 66.3 | 1.3 | 59.5 | | | | 66.4 | 1.4 | 59.7 | | | |
| Bridlewood 075 | Rx10 | -8473.9 | 5640034.6 | 66.2 | 1.2 | 59.5 | | | | 66.4 | 1.4 | 59.6 | | | |
| Bridlewood 076 | Rx10 | -8453.6 | 5640015.6 | 65.6 | 0.6 | 59.7 | | | | 65.7 | 0.7 | 59.9 | | | |
| Bridlewood 077 | Rx10 | -8431.7 | 5640001.7 | 65.5 | 0.5 | 60.8 | | | | 65.6 | 0.6 | 60.9 | | | |
| Bridlewood 078 | Rx10 | -8411 | 5639988.7 | 66.6 | 1.6 | 61.6 | | | | 66.7 | 1.7 | 61.8 | | | |
| Bridlewood 079 | Rx10 | -8391.7 | 5639976.5 | 66.9 | 1.9 | 61.5 | | | | 67.0 | 2.0 | 61.6 | | | |
| Bridlewood 080 | Rx10 | -8373.6 | 5639965.1 | 66.9 | 1.9 | 62.2 | | | | 67.0 | 2.0 | 62.3 | | | |
| Bridlewood 081 | Rx10 | -8349.5 | 5639949.9 | 65.9 | 0.9 | 63.7 | | | | 66.0 | 1.0 | 63.8 | | | |
| Bridlewood 082 | Rx10 | -8326.1 | 5639949.4 | 65.5 | 0.5 | 60.8 | | | | 65.6 | 0.6 | 64.3 | | | |
| Bridlewood 083 | Rx10 | -8295.9 | 5639916.1 | 64.7 | | 64.0 | | | | 64.8 | | 58.3 | | | |
| Bridlewood 084 | Rx10 | -8203.1 | 5639874.3 | 66.0 | 1.0 | 58.3 | | | | 66.1 | 1.1 | 64.1 | | | |
| Bridlewood 085 | Rx10 | -8155.9 | 5639881.4 | 65.4 | 0.4 | 64.5 | | | | 65.5 | 0.5 | 64.6 | | | |
| Bridlewood 086 | Rx10 | -8105 | 5639879.5 | 65.7 | 0.7 | 64.6 | | | | 65.7 | 0.7 | 64.7 | | | |
| Bridlewood 087 | Rx10 | -8068.5 | 5639867.6 | 66.1 | 1.1 | 64.5 | | | | 66.1 | 1.1 | 64.6 | | | |
| Bridlewood 088 | Rx10 | -8023.7 | 5639865.7 | 65.5 | 0.5 | 63.7 | | | | 65.6 | 0.6 | 63.8 | | | |
| Bridlewood 089 | Rx10 | -7984.6 | 5639875.1 | 65.3 | 0.3 | 64.5 | | | | 65.4 | 0.4 | 64.6 | | | |
| Bridlewood 090 | Rx10 | -7941.6 | 5639873.3 | 65.6 | 0.6 | 64.7 | | | | 65.7 | 0.7 | 64.8 | | | |
| Bridlewood 091 | Rx10 | -7902.4 | 5639861.3 | 65.8 | 0.8 | 63.4 | | | | 65.9 | 0.9 | 63.4 | | | |
| Bridlewood 092 | Rx10 | -7858.5 | 5639859.8 | 65.9 | 0.9 | 63.8 | | | | 66.0 | 1.0 | 63.9 | | | |
| Bridlewood 093 | Rx10 | -7814.6 | 5639868.9 | 65.7 | 0.7 | 64.9 | | | | 65.8 | 0.8 | 65.0 | | | |
| Bridlewood 094 | Rx10 | -7764 | 5639867 | 66.1 | 1.1 | 64.8 | | | | 66.1 | 1.1 | 64.9 | | | |
| Bridlewood 095 | Rx10 | -7731.8 | 5639865.9 | 65.6 | 0.6 | 63.9 | | | | 65.7 | 0.7 | 64.0 | | | |
| Bridlewood 096 | Rx10 | -7672.8 | 5639863.7 | 67.0 | 2.0 | 64.3 | | | | 67.0 | 2.0 | 64.4 | | | |
| Bridlewood 097 | Rx10 | -7639.1 | 5639856.2 | 68.5 | 3.5 | 64.8 | | | | 68.6 | 3.6 | 64.9 | | | |
| Bridlewood 098 | Rx10 | -7589.3 | 5639850.3 | 68.4 | 3.4 | 63.9 | | | | 68.5 | 3.5 | 64.0 | | | |
| Bridlewood 099 | Rx10 | -7547.8 | 5639859.1 | 67.6 | 2.6 | 64.6 | | | | 67.7 | 2.7 | 64.7 | | | |
| Bridlewood 100 | Rx10 | -7494.9 | 5639857.1 | 68.2 | 3.2 | 64.9 | | | | 68.2 | 3.2 | 65.0 | | | |
| Bridlewood 101 | Rx10 | -7442.9 | 5639849.3 | 66.1 | 1.1 | 63.9 | | | | 66.1 | 1.1 | 64.0 | | | |
| Bridlewood 102 | Rx10 | -7407.5 | 5639842.7 | 67.7 | 2.7 | 64.2 | | | | 67.8 | 2.8 | 64.3 | | | |
| Bridlewood 103 | Rx10 | -7374.8 | 5639843.7 | 66.8 | 1.8 | 64.7 | | | | 66.9 | 1.9 | 64.8 | | | |
| Bridlewood 104 | Rx10 | -7363.6 | 5639844.1 | 66.9 | 1.9 | 64.6 | | | | 66.9 | 1.9 | 64.7 | | | |
| Bridlewood 105 | Rx10 | -7354.1 | 5639844.4 | 66.6 | 1.6 | 64.5 | | | | 66.7 | 1.7 | 64.5 | | | |
| Bridlewood 106 | Rx10 | -7344.9 | 5639844.7 | 66.4 | 1.4 | 64.2 | | | | 66.5 | 1.5 | 64.3 | | | |
| Bridlewood 107 | Rx10 | -7335.7 | 5639845.1 | 66.2 | 1.2 | 64.1 | | | | 66.3 | 1.3 | 64.2 | | | |
| Bridlewood 108 | Rx10 | -7326.1 | 5639845.4 | 66.4 | 1.4 | 64.3 | | | | 66.5 | 1.5 | 64.4 | | | |
| Bridlewood 109 | Rx10 | -7315.8 | 5639845.7 | 66.5 | 1.5 | 64.3 | | | | 66.6 | 1.6 | 64.4 | | | |
| Bridlewood 110 | Rx10 | -7306.2 | 5639846 | 66.3 | 1.3 | 63.8 | | | | 66.3 | 1.3 | 63.9 | | | |
| Bridlewood 111 | Rx10 | -7296.5 | 5639846.4 | 66.5 | 1.5 | 64.3 | | | | 66.6 | 1.6 | 64.4 | | | |
| Bridlewood 112 | Rx10 | -7285 | 5639846.7 | 66.3 | 1.3 | 64.0 | | | | 66.4 | 1.4 | 64.1 | | | |
| Bridlewood 113 | Rx10 | -7276.5 | 5639847 | 66.3 | 1.3 | 64.0 | | | | 66.4 | 1.4 | 64.1 | | | |
| Bridlewood 114 | Rx10 | -7267.7 | 5639847.3 | 66.4 | 1.4 | 63.8 | | | | 66.4 | 1.4 | 63.9 | | | |
| Bridlewood 115 | Rx10 | -7256.6 | 5639847.7 | 66.3 | 1.3 | 62.7 | | | | 66.4 | 1.4 | 62.8 | | | |
| Bridlewood 116 | Rx10 | -7248.9 | 5639847.9 | 66.8 | 1.8 | 63.9 | | | | 66.9 | 1.9 | 64.0 | | | |
| Bridlewood 117 | Rx10 | -7236.8 | 5639848.3 | 67.2 | 2.2 | 63.5 | | | | 67.3 | 2.3 | 63.6 | | | |
| Bridlewood 118 | Rx10 | -7228.9 | 5639848.6 | 67.2 | 2.2 | 63.2 | | | | 67.3 | 2.3 | 63.3 | | | |
| Bridlewood 119 | Rx10 | -7218.8 | 5639848.9 | 67.1 | 2.1 | 62.9 | | | | 67.2 | 2.2 | 63.0 | | | |
| Bridlewood 120 | Rx10 | -7207.9 | 5639849.3 | 67.1 | 2.1 | 62.6 | | | | 67.2 | 2.2 | 62.7 | | | |
| Bridlewood 121 | Rx10 | -7197.4 | 5639849.7 | 67.1 | 2.1 | 62.1 | | | | 67.2 | 2.2 | 62.2 | | | |
| Bridlewood 122 | Rx10 | -7188.9 | 5639849.9 | 67.4 | 2.4 | 62.4 | | | | 67.5 | 2.5 | 62.5 | | | |
| Bridlewood 123 | Rx10 | -7179.4 | 5639850.3 | 67.1 | 2.1 | 60.9 | | | | 67.2 | 2.2 | 61.0 | | | |
| Bridlewood 124 | Rx10 | -7152.2 | 5639851.2 | 68.4 | 3.4 | 62.6 | | | | 68.5 | 3.5 | 62.7 | | | |
| Bridlewood 125 | Rx10 | -7127.2 | 5639852 | 64.2 | | 56.4 | | | | 64.3 | | 56.5 | | | |
| Bridlewood 126 | Rx10 | -7077.2 | 5639853.7 | 66.3 | 1.3 | 61.3 | | | | 66.4 | 1.4 | 61.5 | | | |
| Bridlewood 127 | Rx10 | -7041.9 | 5639854.8 | 66.7 | 1.7 | 62.4 | | | | 66.8 | 1.8 | 62.5 | | | |
| Bridlewood 128 | Rx10 | -7015.2 | 5639855.7 | 66.5 | 1.5 | 61.6 | | | | 66.6 | 1.6 | 61.7 | | | |
| Bridlewood 129 | Rx10 | -6987.9 | 5639856.6 | 67.0 | 2.0 | 62.4 | | | | 67.1 | 2.1 | 62.5 | | | |
| Bridlewood 130 | Rx10 | -6962.7 | 5639857.5 | 65.4 | 0.4 | 59.1 | | | | 65.5 | 0.5 | 59.2 | | | |
| Bridlewood 131 | Rx10 | -6932.5 | 5639858.5 | 64.2 | | 64.1 | | | | 64.3 | | 64.2 | | | |
| Bridlewood 132 | Rx10 | -6907.9 | 5639859.9 | 63.5 | | 63.5 | | | | 63.6 | | 63.7 | | | |
| Bridlewood 133 | Rx10 | -6888 | 5639861.3 | 64.3 | | | | | | 64.4 | | | | | |
| Bridlewood 134 | Rx10 | -6861.7 | 5639864.6 | 63.7 | | | | | | 63.8 | | | | | |
| Bridlewood 135 | Rx10 | -6839.2 | 5639870 | 64.4 | | | | | | 64.5 | | | | | |
| Bridlewood 136 | Rx10 | -6815.5 | 5639878.6 | 63.4 | | | | | | 63.5 | | | | | |
| Bridlewood 137 | Rx10 | -6793.9 | 5639889.4 | 63.7 | | | | | | 63.9 | | | | | |
| Bridlewood 138 | Rx10 | -6780.5 | 5639897.5 | 63.8 | | | | | | 64.0 | | | | | |
| Bridlewood 139 | Rx10 | -6767.3 | 5639907 | 63.0 | | | | | | 63.2 | | | | | |
| Bridlewood 140 | Rx10 | -6742.3 | 5639929.5 | 62.4 | | | | | | 62.7 | | | | | |
| Bridlewood 141 | Rx10 | -6736.1 | 5639936.7 | 61.5 | | | | | | 61.9 | | | | | |
| Bridlewood 142 | Rx10 | -6727.7 | 5639947.3 | 60.6 | | | | | | 61.1 | | | | | |
| Bridlewood 143 | Rx10 | -6713.2 | 5639952.6 | 61.2 | | | | | | 61.6 | | | | | |
| Bridlewood 144 | Rx10 | -6698.3 | 5639975.4 | 60.3 | | | | | | 60.9 | | | | | |
| Bridlewood 145 | Rx10 | -6696.4 | 5639994.4 | 59.4 | | | | | | 60.0 | | | | | |
| Bridlewood 146 | Rx10 | -6706 | 5640019.5 | 58.1 | | | | | | 58.7 | | | | | |
| Bridlewood 147 | Rx10 | -6720.8 | 5640033.3 | 57.2 | | | | | | 57.9 | | | | | |
| Bridlewood 148 | Rx10 | -6733.4 | 5640047.2 | 57.2 | | | | | | 57.9 | | | | | |
| Bridlewood 149 | Rx10 | -6733.8 | 5640058.5 | 57.7 | | | | | | 58.5 | | | | | |
| Bridlewood 150 | Rx10 | -6734.2 | 5640068.9 | 58.0 | | | | | | 58.7 | | | | | |
| Bridlewood 151 | Rx10 | -6734.7 | 5640081.6 | 58.1 | | | | | | 58.8 | | | | | |
| Bridlewood 152 | Rx10 | -6735.1 | 5640092.4 | 57.8 | | | | | | 58.5 | | | | | |
| Somerset 001 | Rx11 | -6531.3 | 5640120.3 | 64.0 | | | | | | 64.8 | | | | | |
| Somerset 002 | Rx11 | -6527.3 | 5640110.5 | 63.6 | | | | | | 64.3 | | | | | |
| Somerset 003 | Rx11 | -6523.3 | 5640100.6 | 62.9 | | | | | | 63.6 | | | | | |
| Somerset 004 | Rx11 | -6517.3 | 5640087.8 | 62.6 | | | | | | 63.3 | | | | | |
| Somerset 005 | Rx11 | -6512.8 | 5640079.6 | 62.1 | | | | | | 62.8 | | | | | |
| Somerset 006 | Rx11 | -6506 | 5640068.8 | 61.7 | | | | | | 62.3 | | | | | |
| Somerset 007 | Rx11 | -6499 | 5640059.3 | 61.0 | | | | | | 61.6 | | | | | |

SWCRR Segment 3 Noise Prediction Results
BKL Consultants Ltd.
February 2018

Colour Key
64 < Leq24 ≤ 65
Leq24 > 65

2050 Forecast Year

| Receiver | | Coordinates | | 2050 Traffic - Mainline Trucks 8%, Cross streets and ramps 5% | | | | | | 2050 Traffic - All Roads 8.4% | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | No Mitigation | | With Mitigation TUC alignment | | With Mitigation Top of Berm alignment | | No Mitigation | | With Mitigation TUC alignment | | With Mitigation Top of Berm alignment | |
| Name | Group | Easting (m) | Northing (m) | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA |
| Somerset 008 | Rx11 | -6481.2 | 5640039.7 | 60.5 | | | | | | 61.0 | | | | | |
| Somerset 009 | Rx11 | -6472.4 | 5640032.6 | 60.0 | | | | | | 60.5 | | | | | |
| Somerset 010 | Rx11 | -6464.9 | 5640026.5 | 60.3 | | | | | | 60.7 | | | | | |
| Somerset 011 | Rx11 | -6454.3 | 5640017.9 | 60.0 | | | | | | 60.5 | | | | | |
| Somerset 012 | Rx11 | -6446.4 | 5640011.5 | 59.9 | | | | | | 60.4 | | | | | |
| Somerset 013 | Rx11 | -6438.3 | 5640004.9 | 59.9 | | | | | | 60.4 | | | | | |
| Somerset 014 | Rx11 | -6429.3 | 5639997.5 | 60.0 | | | | | | 60.5 | | | | | |
| Somerset 015 | Rx11 | -6421.7 | 5639991 | 60.6 | | | | | | 61.1 | | | | | |
| Somerset 016 | Rx11 | -6413.2 | 5639983.4 | 60.5 | | | | | | 61.0 | | | | | |
| Somerset 017 | Rx11 | -6403.9 | 5639974.8 | 61.0 | | | | | | 61.5 | | | | | |
| Somerset 018 | Rx11 | -6396.8 | 5639968 | 61.0 | | | | | | 61.5 | | | | | |
| Somerset 019 | Rx11 | -6385.2 | 5639956.1 | 61.4 | | | | | | 61.9 | | | | | |
| Somerset 020 | Rx11 | -6375 | 5639950 | 62.2 | | | | | | 62.7 | | | | | |
| Somerset 021 | Rx11 | -6355.3 | 5639950 | 60.7 | | | | | | 61.2 | | | | | |
| Somerset 022 | Rx11 | -6340.9 | 5639950 | 60.8 | | | | | | 61.2 | | | | | |
| Somerset 023 | Rx11 | -6324.1 | 5639941.9 | 60.0 | | | | | | 60.5 | | | | | |
| Somerset 024 | Rx11 | -6306.2 | 5639918.4 | 62.1 | | | | | | 62.5 | | | | | |
| Somerset 025 | Rx11 | -6295.7 | 5639907 | 62.1 | | | | | | 62.6 | | | | | |
| Somerset 026 | Rx11 | -6288.1 | 5639899.6 | 62.3 | | | | | | 62.7 | | | | | |
| Somerset 027 | Rx11 | -6277 | 5639889.9 | 62.6 | | | | | | 63.1 | | | | | |
| Somerset 028 | Rx11 | -6268.7 | 5639883.5 | 62.9 | | | | | | 63.4 | | | | | |
| Somerset 029 | Rx11 | -6255.1 | 5639874.1 | 63.4 | | | | | | 63.9 | | | | | |
| Somerset 030 | Rx11 | -6246.1 | 5639868.7 | 63.6 | | | | | | 64.0 | | | | | |
| Somerset 031 | Rx11 | -6235 | 5639862.8 | 63.5 | | | | | | 63.9 | | | | | |
| Somerset 032 | Rx11 | -6223.4 | 5639857.4 | 64.1 | | | | | | 64.5 | | | | | |
| Somerset 033 | Rx11 | -6212 | 5639852.8 | 64.0 | | | | | | 64.4 | | | | | |
| Somerset 034 | Rx11 | -6200.9 | 5639849 | 64.6 | | | | | | 64.9 | | 64.7 | | | |
| Somerset 035 | Rx11 | -6188.1 | 5639845.4 | 64.7 | | | | | | 65.0 | | 60.5 | | | |
| Somerset 036 | Rx11 | -6178.1 | 5639843.1 | 64.8 | | | | | | 65.1 | 0.1 | 60.3 | | | |
| Somerset 037 | Rx11 | -6164.7 | 5639840.4 | 65.0 | | | | | | 65.3 | 0.3 | 60.9 | | | |
| Somerset 038 | Rx11 | -6154.9 | 5639838.4 | 64.9 | | | | | | 65.2 | 0.2 | 60.5 | | | |
| Somerset 039 | Rx11 | -6141.2 | 5639835.6 | 64.8 | | 64.8 | | | | 65.1 | 0.1 | 61.0 | | | |
| Somerset 040 | Rx11 | -6130.5 | 5639833.5 | 64.9 | | 64.8 | | | | 65.2 | 0.2 | 62.3 | | | |
| Somerset 041 | Rx11 | -6118 | 5639830.9 | 65.3 | 0.3 | 62.8 | | | | 65.6 | 0.6 | 63.1 | | | |
| Somerset 042 | Rx11 | -6108.9 | 5639829.1 | 65.5 | 0.5 | 63.3 | | | | 65.8 | 0.8 | 63.7 | | | |
| Somerset 043 | Rx11 | -6095.4 | 5639826.4 | 65.1 | 0.1 | 63.6 | | | | 65.4 | 0.4 | 63.9 | | | |
| Somerset 044 | Rx11 | -6085.2 | 5639824.3 | 64.8 | | 63.0 | | | | 65.1 | 0.1 | 63.3 | | | |
| Somerset 045 | Rx11 | -6071 | 5639821.4 | 65.1 | 0.1 | 63.9 | | | | 65.4 | 0.4 | 64.3 | | | |
| Somerset 046 | Rx11 | -6055.5 | 5639818.3 | 64.9 | | 63.0 | | | | 65.2 | 0.2 | 63.3 | | | |
| Somerset 047 | Rx11 | -6010.3 | 5639809.2 | 64.8 | | 61.1 | | | | 65.1 | 0.1 | 61.4 | | | |
| Somerset 048 | Rx11 | -5993.1 | 5639805.7 | 64.8 | | 60.2 | | | | 65.2 | 0.2 | 60.6 | | | |
| Somerset 049 | Rx11 | -5973.6 | 5639801.8 | 66.0 | 1.0 | 62.7 | | | | 66.3 | 1.3 | 63.0 | | | |
| Somerset 050 | Rx11 | -5961.2 | 5639799.3 | 65.8 | 0.8 | 63.2 | | | | 66.2 | 1.2 | 63.5 | | | |
| Somerset 051 | Rx11 | -5953.2 | 5639797.6 | 65.9 | 0.9 | 63.4 | | | | 66.3 | 1.3 | 63.7 | | | |
| Somerset 052 | Rx11 | -5941.5 | 5639795.3 | 66.3 | 1.3 | 63.7 | | | | 66.7 | 1.7 | 64.0 | | | |
| Somerset 053 | Rx11 | -5931.8 | 5639793.3 | 66.2 | 1.2 | 63.5 | | | | 66.6 | 1.6 | 63.8 | | | |
| Somerset 054 | Rx11 | -5920.3 | 5639791 | 66.3 | 1.3 | 63.6 | | | | 66.7 | 1.7 | 63.9 | | | |
| Somerset 055 | Rx11 | -5909.2 | 5639788.8 | 66.3 | 1.3 | 63.5 | | | | 66.7 | 1.7 | 63.8 | | | |
| Somerset 056 | Rx11 | -5898 | 5639786.7 | 66.2 | 1.2 | 62.5 | | | | 66.6 | 1.6 | 62.8 | | | |
| Somerset 057 | Rx11 | -5886.5 | 5639785 | 66.4 | 1.4 | 62.4 | | | | 66.8 | 1.8 | 62.7 | | | |
| Somerset 058 | Rx11 | -5874.9 | 5639783.5 | 66.9 | 1.9 | 62.7 | | | | 67.3 | 2.3 | 63.0 | | | |
| Somerset 059 | Rx11 | -5863.5 | 5639782 | 66.3 | 1.3 | 62.6 | | | | 66.7 | 1.7 | 62.9 | | | |
| Somerset 060 | Rx11 | -5853.3 | 5639780.7 | 66.3 | 1.3 | 63.1 | | | | 66.7 | 1.7 | 63.4 | | | |
| Somerset 061 | Rx11 | -5841.7 | 5639779.2 | 66.7 | 1.7 | 62.7 | | | | 67.1 | 2.1 | 63.0 | | | |
| Somerset 062 | Rx11 | -5830.9 | 5639777.8 | 66.5 | 1.5 | 61.9 | | | | 66.9 | 1.9 | 62.2 | | | |
| Somerset 063 | Rx11 | -5817.6 | 5639776.1 | 66.1 | 1.1 | 61.9 | | | | 66.5 | 1.5 | 62.2 | | | |
| Somerset 064 | Rx11 | -5806.1 | 5639774.6 | 66.0 | 1.0 | 62.3 | | | | 66.4 | 1.4 | 62.7 | | | |
| Somerset 065 | Rx11 | -5795.9 | 5639773.2 | 66.1 | 1.1 | 62.9 | | | | 66.6 | 1.6 | 63.2 | | | |
| Somerset 066 | Rx11 | -5784.7 | 5639771.8 | 66.2 | 1.2 | 62.9 | | | | 66.7 | 1.7 | 63.2 | | | |
| Somerset 067 | Rx11 | -5769 | 5639769.7 | 65.6 | 0.6 | 62.1 | | | | 66.1 | 1.1 | 62.4 | | | |
| Somerset 068 | Rx11 | -5683.9 | 5639764 | 63.9 | | 63.9 | | | | 64.3 | | 64.3 | | | |
| Somerset 069 | Rx11 | -5668.1 | 5639764.4 | 64.2 | | | | | | 64.6 | | | | | |
| Somerset 070 | Rx11 | -5653.6 | 5639764.8 | 63.5 | | | | | | 63.8 | | | | | |
| Somerset 071 | Rx11 | -5642.1 | 5639765 | 62.9 | | | | | | 63.2 | | | | | |
| Somerset 072 | Rx11 | -5631.4 | 5639765.3 | 62.0 | | | | | | 62.4 | | | | | |
| Somerset 073 | Rx11 | -5621.7 | 5639765.5 | 62.1 | | | | | | 62.5 | | | | | |
| Somerset 074 | Rx11 | -5610.4 | 5639765.8 | 61.5 | | | | | | 61.9 | | | | | |
| Somerset 075 | Rx11 | -5599.3 | 5639766.1 | 61.2 | | | | | | 61.6 | | | | | |
| Somerset 076 | Rx11 | -5586.7 | 5639766.4 | 61.0 | | | | | | 61.4 | | | | | |
| Somerset 077 | Rx11 | -5575.5 | 5639766.7 | 61.1 | | | | | | 61.4 | | | | | |
| Somerset 078 | Rx11 | -5553.8 | 5639766.9 | 60.0 | | | | | | 60.3 | | | | | |
| Somerset 079 | Rx11 | -5519.9 | 5639765.4 | 59.4 | | | | | | 59.8 | | | | | |
| Somerset 080 | Rx11 | -5499.5 | 5639764.5 | 60.0 | | | | | | 60.4 | | | | | |
| Somerset 081 | Rx11 | -5482.5 | 5639763.7 | 58.9 | | | | | | 59.2 | | | | | |
| Somerset 082 | Rx11 | -5471.9 | 5639763.3 | 58.2 | | | | | | 58.6 | | | | | |
| Somerset 083 | Rx11 | -5460.1 | 5639762.8 | 58.6 | | | | | | 59.0 | | | | | |
| Somerset 084 | Rx11 | -5450 | 5639762.3 | 58.5 | | | | | | 58.8 | | | | | |
| Somerset 085 | Rx11 | -5437.9 | 5639761.8 | 58.7 | | | | | | 59.1 | | | | | |
| Somerset 086 | Rx11 | -5427.3 | 5639761.3 | 58.4 | | | | | | 58.8 | | | | | |
| Somerset 087 | Rx11 | -5416 | 5639760.8 | 57.5 | | | | | | 57.9 | | | | | |
| Somerset 088 | Rx11 | -5402.5 | 5639760.2 | 59.4 | | | | | | 59.8 | | 59.7 | | | |
| Somerset 089 | Rx11 | -5392.8 | 5639759.8 | 63.3 | | | | | | 63.6 | | 63.4 | | | |
| Somerset 090 | Rx11 | -5380.5 | 5639759.3 | 64.8 | | | | | | 65.1 | 0.1 | 64.6 | | | |
| Somerset 091 | Rx11 | -5372.4 | 5639758.9 | 64.6 | | | | | | 64.9 | | 60.5 | | | |
| Somerset 092 | Rx11 | -5360.6 | 5639758.4 | 64.9 | | 64.8 | | | | 65.2 | 0.2 | 60.2 | | | |
| Somerset 093 | Rx11 | -5348.8 | 5639757.9 | 64.9 | | 64.4 | | | | 65.2 | 0.2 | 60.0 | | | |
| Somerset 094 | Rx11 | -5338.5 | 5639757.5 | 65.3 | 0.3 | 60.1 | | | | 65.6 | 0.6 | 59.9 | | | |
| Somerset 095 | Rx11 | -5325.6 | 5639756.9 | 65.4 | 0.4 | 60.0 | | | | 65.7 | 0.7 | 60.4 | | | |
| Somerset 096 | Rx11 | -5316.5 | 5639756.5 | 65.5 | 0.5 | 62.1 | | | | 65.9 | 0.9 | 62.3 | | | |
| Somerset 097 | Rx11 | -5303.5 | 5639755.9 | 65.3 | 0.3 | 61.2 | | | | 65.6 | 0.6 | 61.5 | | | |
| Somerset 098 | Rx11 | -5293.7 | 5639755.5 | 65.1 | 0.1 | 61.2 | | | | 65.5 | 0.5 | 61.4 | | | |
| Somerset 099 | Rx11 | -5281.6 | 5639755 | 65.0 | | 61.1 | | | | 65.3 | 0.3 | 61.4 | | | |
| Somerset 100 | Rx11 | -5270.9 | 5639754.5 | 65.1 | 0.1 | 63.6 | | | | 65.4 | 0.4 | 63.9 | | | |
| Somerset 101 | Rx11 | -5256.4 | 5639759.3 | 64.2 | | 64.2 | | | | 64.5 | | 64.5 | | | |
| Somerset 102 | Rx11 | -5245.5 | 5639762.8 | 63.7 | | 63.7 | | | | 64.0 | | 64.0 | | | |
| Somerset 103 | Rx11 | -5232.4 | 5639767.1 | 63.1 | | | | | | 63.4 | | | | | |
| Somerset 104 | Rx11 | -5224.4 | 5639769.8 | 63.2 | | | | | | 63.5 | | | | | |
| Somerset 105 | Rx11 | -5213.4 | 5639773.4 | 63.2 | | | | | | 63.5 | | | | | |
| Somerset 106 | Rx11 | -5198.9 | 5639778.1 | 62.4 | | | | | | 62.7 | | | | | |
| Somerset 107 | Rx11 | -5185.6 | 5639783.1 | 61.3 | | | | | | 61.6 | | | | | |
| Somerset 108 | Rx11 | -5164.4 | 5639801.8 | 60.5 | | | | | | 60.9 | | | | | |
| Somerset 109 | Rx11 | -4968.9 | 5639881.2 | 58.9 | | | | | | 59.4 | | | | | |
| Somerset 110 | Rx11 | -4969.9 | 5639786 | 61.2 | | | | | | 61.6 | | | | | |
| Somerset 111 | Rx11 | -4787.4 | 5639716.7 | 63.3 | | | | | | 63.5 | | | | | |
| Silverado 01 | Rx12 | -6404.6 | 5639337.7 | 56.6 | | | | | | 57.0 | | | | | |
| Silverado 02 | Rx12 | -6332.9 | 5639379.4 | 58.6 | | | | | | 58.9 | | | | | |
| Silverado 03 | Rx12 | -6302.3 | 5639375.3 | 58.3 | | | | | | 58.7 | | | | | |
| Silverado 04 | Rx12 | -6279.8 | 5639372.3 | 57.4 | | | | | | 57.7 | | | | | |
| Silverado 05 | Rx12 | -6253.7 | 5639368.7 | 57.1 | | | | | | 57.4 | | | | | |
| Silverado 06 | Rx12 | -6228.1 | 5639365 | 56.9 | | | | | | 57.2 | | | | | |
| Silverado 07 | Rx12 | -6152 | 5639355.1 | 56.1 | | | | | | 56.3 | | | | | |
| Silverado 08 | Rx12 | -6099.1 | 5639347.6 | 58.0 | | | | | | 58.2 | | | | | |

SWCRR Segment 3 Noise Prediction Results
BKL Consultants Ltd.
February 2018

Colour Key
64 < Leq24 ≤ 65
Leq24 > 65

2050 Forecast Year

| Receiver | | Coordinates | | 2050 Traffic - Mainline Trucks 8%, Cross streets and ramps 5% | | | | | | 2050 Traffic - All Roads 8.4% | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | No Mitigation | | With Mitigation TUC alignment | | With Mitigation Top of Berm alignment | | No Mitigation | | With Mitigation TUC alignment | | With Mitigation Top of Berm alignment | |
| Name | Group | Easting (m) | Northing (m) | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA |
| Silverado 09 | Rx12 | -6086.3 | 5639345.7 | 57.9 | | | | | | 58.2 | | | | | |
| Silverado 10 | Rx12 | -6074.1 | 5639344 | 58.1 | | | | | | 58.3 | | | | | |
| Silverado 11 | Rx12 | -6060.7 | 5639342.1 | 57.9 | | | | | | 58.1 | | | | | |
| Silverado 12 | Rx12 | -6047.9 | 5639340.4 | 57.9 | | | | | | 58.1 | | | | | |
| Silverado 13 | Rx12 | -6036.2 | 5639338.8 | 57.8 | | | | | | 58.0 | | | | | |
| Silverado 14 | Rx12 | -6025.7 | 5639337.3 | 58.2 | | | | | | 58.5 | | | | | |
| Silverado 15 | Rx12 | -6014.8 | 5639335.8 | 57.6 | | | | | | 57.8 | | | | | |
| Silverado 16 | Rx12 | -6003 | 5639334.2 | 58.1 | | | | | | 58.3 | | | | | |
| Silverado 17 | Rx12 | -5990.7 | 5639332.5 | 58.0 | | | | | | 58.2 | | | | | |
| Silverado 18 | Rx12 | -5979.8 | 5639331 | 58.3 | | | | | | 58.5 | | | | | |
| Silverado 19 | Rx12 | -5967.1 | 5639329.3 | 58.4 | | | | | | 58.6 | | | | | |
| Silverado 20 | Rx12 | -5955.7 | 5639327.8 | 58.4 | | | | | | 58.7 | | | | | |
| Silverado 21 | Rx12 | -5944.1 | 5639326.2 | 58.4 | | | | | | 58.7 | | | | | |
| Silverado 22 | Rx12 | -5931.9 | 5639324.6 | 58.4 | | | | | | 58.6 | | | | | |
| Silverado 23 | Rx12 | -5920.5 | 5639323.1 | 57.9 | | | | | | 58.2 | | | | | |
| Silverado 24 | Rx12 | -5908.7 | 5639321.3 | 58.2 | | | | | | 58.4 | | | | | |
| Silverado 25 | Rx12 | -5896.2 | 5639319.6 | 58.2 | | | | | | 58.5 | | | | | |
| Silverado 26 | Rx12 | -5883.9 | 5639317.8 | 58.4 | | | | | | 58.7 | | | | | |
| Silverado 27 | Rx12 | -5873.7 | 5639316.3 | 58.5 | | | | | | 58.7 | | | | | |
| Silverado 28 | Rx12 | -5860.9 | 5639314.4 | 58.5 | | | | | | 58.7 | | | | | |
| Silverado 29 | Rx12 | -5846.3 | 5639312.5 | 58.4 | | | | | | 58.6 | | | | | |
| Silverado 30 | Rx12 | -5822 | 5639296.4 | 56.8 | | | | | | 57.0 | | | | | |
| Silverado 31 | Rx12 | -5818.5 | 5639272.8 | 56.2 | | | | | | 56.4 | | | | | |
| Silverado 32 | Rx12 | -5818.6 | 5639256.8 | 54.2 | | | | | | 54.4 | | | | | |
| Silverado 33 | Rx12 | -5818.7 | 5639245.2 | 53.4 | | | | | | 53.6 | | | | | |
| Silverado 34 | Rx12 | -5818.7 | 5639233.4 | 52.9 | | | | | | 53.1 | | | | | |
| Silverado 35 | Rx12 | -5819.1 | 5639221.8 | 52.7 | | | | | | 52.9 | | | | | |
| Silverado 36 | Rx12 | -5821.8 | 5639195.3 | 51.0 | | | | | | 51.2 | | | | | |
| Silverado 37 | Rx12 | -5824.6 | 5639181.3 | 51.1 | | | | | | 51.3 | | | | | |
| Silverado 38 | Rx12 | -5827.4 | 5639169 | 50.8 | | | | | | 51.1 | | | | | |
| Silverado 39 | Rx12 | -5831.8 | 5639155.5 | 50.5 | | | | | | 50.8 | | | | | |
| Silverado 40 | Rx12 | -5834.9 | 5639147 | 50.1 | | | | | | 50.4 | | | | | |
| Silverado 41 | Rx12 | -5840.1 | 5639134.6 | 50.4 | | | | | | 50.7 | | | | | |
| Silverado 42 | Rx12 | -5844.6 | 5639125.5 | 49.2 | | | | | | 49.5 | | | | | |
| Silverado 43 | Rx12 | -5838.8 | 5639118.2 | 52.4 | | | | | | 52.6 | | | | | |
| Silverado 44 | Rx12 | -5828.5 | 5639112.9 | 53.8 | | | | | | 54.1 | | | | | |
| Silverado 45 | Rx12 | -5820 | 5639108.2 | 54.3 | | | | | | 54.6 | | | | | |
| Silverado 46 | Rx12 | -5808 | 5639101.8 | 54.3 | | | | | | 54.5 | | | | | |
| Silverado 47 | Rx12 | -5799.7 | 5639099.4 | 54.3 | | | | | | 54.5 | | | | | |
| Silverado 48 | Rx12 | -5788.3 | 5639099.5 | 54.2 | | | | | | 54.5 | | | | | |
| Silverado 49 | Rx12 | -5776.3 | 5639099.6 | 54.0 | | | | | | 54.3 | | | | | |
| Silverado 50 | Rx12 | -5764.4 | 5639099.5 | 53.5 | | | | | | 53.8 | | | | | |
| Silverado 51 | Rx12 | -5751.6 | 5639099.5 | 53.0 | | | | | | 53.2 | | | | | |
| Silverado 52 | Rx12 | -5738.7 | 5639099.5 | 52.9 | | | | | | 53.1 | | | | | |
| Silverado 53 | Rx12 | -5727 | 5639099.6 | 52.9 | | | | | | 53.1 | | | | | |
| Silverado 54 | Rx12 | -5712.2 | 5639099.5 | 52.7 | | | | | | 53.0 | | | | | |
| Silverado 55 | Rx12 | -5700.3 | 5639099.5 | 52.2 | | | | | | 52.5 | | | | | |
| Silverado 56 | Rx12 | -5688.1 | 5639099.5 | 52.3 | | | | | | 52.6 | | | | | |
| Silverado 57 | Rx12 | -5677.1 | 5639099.5 | 51.6 | | | | | | 51.9 | | | | | |
| Silverado 58 | Rx12 | -5663.2 | 5639099.6 | 51.8 | | | | | | 52.0 | | | | | |
| Silverado 59 | Rx12 | -5651.8 | 5639099.6 | 51.8 | | | | | | 52.1 | | | | | |
| Silverado 60 | Rx12 | -5637.6 | 5639099.6 | 51.8 | | | | | | 52.0 | | | | | |
| Silverado 61 | Rx12 | -5627.4 | 5639099.6 | 51.8 | | | | | | 52.0 | | | | | |
| Silverado 62 | Rx12 | -5614.4 | 5639099.5 | 51.4 | | | | | | 51.7 | | | | | |
| Silverado 63 | Rx12 | -5602.2 | 5639099.5 | 51.4 | | | | | | 51.6 | | | | | |
| Silverado 64 | Rx12 | -5565.9 | 5639099.4 | 50.2 | | | | | | 50.5 | | | | | |
| Silverado 65 | Rx12 | -5518.2 | 5639099.3 | 52.0 | | | | | | 52.3 | | | | | |
| Silverado 66 | Rx12 | -5494.6 | 5639099.4 | 52.1 | | | | | | 52.4 | | | | | |
| Silverado 67 | Rx12 | -5451.7 | 5639099.4 | 50.9 | | | | | | 51.2 | | | | | |
| Silverado 68 | Rx12 | -5423.8 | 5639099.5 | 51.1 | | | | | | 51.4 | | | | | |
| Silverado 69 | Rx12 | -5404.9 | 5639099.3 | 51.8 | | | | | | 52.0 | | | | | |
| Silverado 70 | Rx12 | -5385.7 | 5639099.4 | 51.5 | | | | | | 51.8 | | | | | |
| Silverado 71 | Rx12 | -5374.1 | 5639099.5 | 51.4 | | | | | | 51.7 | | | | | |
| Silverado 72 | Rx12 | -5361.9 | 5639099.5 | 50.9 | | | | | | 51.1 | | | | | |
| Silverado 73 | Rx12 | -5350.2 | 5639099.4 | 51.0 | | | | | | 51.3 | | | | | |
| Silverado 74 | Rx12 | -5338.9 | 5639099.5 | 50.5 | | | | | | 50.7 | | | | | |
| Silverado 75 | Rx12 | -5326.3 | 5639099.4 | 50.3 | | | | | | 50.5 | | | | | |
| Silverado 76 | Rx12 | -5312.9 | 5639099.4 | 49.8 | | | | | | 50.1 | | | | | |
| Silverado 77 | Rx12 | -5290.5 | 5639096.8 | 51.3 | | | | | | 51.5 | | | | | |
| Silverado 78 | Rx12 | -5211.5 | 5639119.7 | 54.2 | | | | | | 54.6 | | | | | |
| Silverado 79 | Rx12 | -5160.2 | 5639119.7 | 55.5 | | | | | | 56.0 | | | | | |
| Silverado 80 | Rx12 | -5149.6 | 5639119.6 | 56.0 | | | | | | 56.5 | | | | | |
| Silverado 81 | Rx12 | -5136.1 | 5639119.7 | 56.4 | | | | | | 56.9 | | | | | |
| Silverado 82 | Rx12 | -5126.4 | 5639119.6 | 57.1 | | | | | | 57.6 | | | | | |
| Silverado 83 | Rx12 | -5114.4 | 5639119.6 | 57.6 | | | | | | 58.1 | | | | | |
| Silverado 84 | Rx12 | -5102.3 | 5639119.6 | 58.0 | | | | | | 58.6 | | | | | |
| Silverado 85 | Rx12 | -5078.6 | 5639119.6 | 61.5 | | | | | | 62.2 | | | | | |
| Sundance 01 | Rx13 | -4004.3 | 5640331.3 | 65.2 | 0.2 | 59.9 | | | | 65.3 | 0.3 | 59.2 | | | |
| Sundance 02 | Rx13 | -3951.3 | 5640243.1 | 67.6 | 2.6 | 63.2 | | | | 67.7 | 2.7 | 61.9 | | | |
| Sundance 03 | Rx13 | -3924.3 | 5640194 | 67.5 | 2.5 | 63.8 | | | | 67.7 | 2.7 | 62.3 | | | |
| Sundance 04 | Rx13 | -3914.8 | 5640181.8 | 66.3 | 1.3 | 63.5 | | | | 66.5 | 1.5 | 62.4 | | | |
| Sundance 05 | Rx13 | -3905.5 | 5640182.3 | 66.3 | 1.3 | 64.5 | | | | 66.5 | 1.5 | 63.3 | | | |
| Sundance 06 | Rx13 | -3897.9 | 5640179.2 | 66.1 | 1.1 | 64.9 | | | | 66.3 | 1.3 | 63.7 | | | |
| Sundance 07 | Rx13 | -3891 | 5640170.9 | 65.8 | 0.8 | 65.0 | | | | 66.0 | 1.0 | 63.6 | | | |
| Sundance 08 | Rx13 | -3889.8 | 5640160.2 | 66.1 | 1.1 | 65.0 | | | | 66.3 | 1.3 | 63.7 | | | |
| Sundance 09 | Rx13 | -3892.5 | 5640136.9 | 66.8 | 1.8 | 63.7 | | | | 67.0 | 2.0 | 62.7 | | | |
| Sundance 10 | Rx13 | -3886.7 | 5640127.5 | 66.8 | 1.8 | 63.3 | | | | 67.0 | 2.0 | 62.4 | | | |
| Sundance 11 | Rx13 | -3875.6 | 5640111.2 | 66.2 | 1.2 | 63.3 | | | | 66.4 | 1.4 | 63.2 | | | |
| Sundance 12 | Rx13 | -3859.2 | 5640091.8 | 66.5 | 1.5 | 64.7 | | | | 66.7 | 1.7 | 64.8 | | | |
| Sundance 13 | Rx13 | -3812 | 5640041.9 | 63.6 | | 61.8 | | | | 63.8 | | 62.1 | | | |
| Sundance 14 | Rx13 | -3800.7 | 5640033.4 | 64.0 | | 62.4 | | | | 64.3 | | 62.7 | | | |
| Sundance 15 | Rx13 | -3751.1 | 5640008 | 63.3 | | | | | | 63.6 | | | | | |
| Sundance 16 | Rx13 | -3741.2 | 5640001.2 | 63.4 | | | | | | 63.7 | | | | | |
| Sundance 17 | Rx13 | -3728.4 | 5639992.4 | 62.8 | | | | | | 63.1 | | | | | |
| Sundance 18 | Rx13 | -3721.6 | 5639987.7 | 62.4 | | | | | | 62.7 | | | | | |
| Sundance 19 | Rx13 | -3709.1 | 5639979.1 | 62.4 | | | | | | 62.7 | | | | | |
| Sundance 20 | Rx13 | -3696.7 | 5639971.5 | 62.2 | | | | | | 62.5 | | | | | |
| Sundance 21 | Rx13 | -3685.4 | 5639966.5 | 61.4 | | | | | | 61.7 | | | | | |
| Sundance 22 | Rx13 | -3667.2 | 5639961.4 | 59.4 | | | | | | 59.7 | | | | | |
| Sundance 23 | Rx13 | -3657.7 | 5639960.2 | 58.8 | | | | | | 59.1 | | | | | |
| Sundance 24 | Rx13 | -3675.9 | 5639927.6 | 62.7 | | | | | | 63.0 | | | | | |
| Sundance 25 | Rx13 | -3661.7 | 5639921.7 | 63.1 | | | | | | 63.4 | | | | | |
| Sundance 26 | Rx13 | -3650.6 | 5639919 | 63.0 | | | | | | 63.4 | | | | | |
| Sundance 27 | Rx13 | -3638.5 | 5639910.8 | 63.2 | | | | | | 63.5 | | | | | |
| Sundance 28 | Rx13 | -3629.5 | 5639904.7 | 63.0 | | | | | | 63.4 | | | | | |
| Sundance 29 | Rx13 | -3617.2 | 5639897 | 62.9 | | | | | | 63.3 | | | | | |
| Sundance 30 | Rx13 | -3601.5 | 5639877.4 | 63.5 | | | | | | 63.8 | | | | | |
| Sundance 31 | Rx13 | -3555.7 | 5639863.2 | 62.4 | | | | | | 62.7 | | | | | |
| Sundance 32 | Rx13 | -3520.1 | 5639839 | 63.2 | | | | | | 63.5 | | | | | |
| Sundance 33 | Rx13 | -3512.4 | 5639834 | 63.3 | | | | | | 63.6 | | | | | |
| Sundance 34 | Rx13 | -3499.3 | 5639825.2 | 63.2 | | | | | | 63.5 | | | | | |
| Sundance 35 | Rx13 | -3490.3 | 5639819.8 | 63.0 | | | | | | 63.3 | | | | | |

SWCRR Segment 3 Noise Prediction Results
BKL Consultants Ltd.
February 2018

Colour Key
64 < Leq24 ≤ 65
Leq24 > 65

2050 Forecast Year

| Receiver | | Coordinates | | 2050 Traffic - Mainline Trucks 8%, Cross streets and ramps 5% | | | | | | 2050 Traffic - All Roads 8.4% | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | No Mitigation | | With Mitigation TUC alignment | | With Mitigation Top of Berm alignment | | No Mitigation | | With Mitigation TUC alignment | | With Mitigation Top of Berm alignment | |
| Name | Group | Easting (m) | Northing (m) | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA |
| Sundance 36 | Rx13 | -3477.1 | 5639812.2 | 63.4 | | | | | | 63.7 | | | | | |
| Sundance 37 | Rx13 | -3467.2 | 5639806.7 | 63.4 | | | | | | 63.7 | | | | | |
| Sundance 38 | Rx13 | -3454 | 5639800 | 63.6 | | | | | | 63.9 | | | | | |
| Sundance 39 | Rx13 | -3443.9 | 5639795.5 | 63.6 | | | | | | 63.8 | | | | | |
| Sundance 40 | Rx13 | -3427.5 | 5639788.6 | 63.7 | | | | | | 64.0 | | | | | |
| Sundance 41 | Rx13 | -3419 | 5639785.4 | 63.9 | | | | | | 64.2 | | | | | |
| Sundance 42 | Rx13 | -3388 | 5639775.4 | 64.1 | | | | | | 64.4 | | | | | |
| Sundance 43 | Rx13 | -3330.4 | 5639758.9 | 64.6 | | | | | | 64.8 | | | | | |
| Sundance 44 | Rx13 | -3275.6 | 5639707.7 | 65.0 | | 60.4 | | 63.5 | | 65.2 | 0.2 | 60.7 | | 63.8 | |
| Sundance 45 | Rx13 | -3255.4 | 5639707.5 | 66.1 | 1.1 | 58.9 | | 63.2 | | 66.3 | 1.3 | 59.2 | | 63.5 | |
| Sundance 46 | Rx13 | -3236.5 | 5639706.8 | 65.2 | 0.2 | 58.5 | | 61.7 | | 65.4 | 0.4 | 58.7 | | 62.0 | |
| Sundance 47 | Rx13 | -3192 | 5639705.2 | 65.2 | 0.2 | 58.9 | | 61.1 | | 65.4 | 0.4 | 59.1 | | 61.3 | |
| Sundance 48 | Rx13 | -3137 | 5639722.1 | 66.1 | 1.1 | 63.8 | | 62.9 | | 66.3 | 1.3 | 64.0 | | 63.1 | |
| Sundance 49 | Rx13 | -3095.1 | 5639720.7 | 65.7 | 0.7 | 63.0 | | 62.8 | | 65.9 | 0.9 | 63.2 | | 63.0 | |
| Sundance 50 | Rx13 | -3043.1 | 5639718.8 | 65.8 | 0.8 | 62.5 | | 62.6 | | 65.9 | 0.9 | 62.7 | | 62.8 | |
| Sundance 51 | Rx13 | -2999.6 | 5639717.3 | 65.7 | 0.7 | 62.0 | | 62.3 | | 65.8 | 0.8 | 62.2 | | 62.5 | |
| Sundance 52 | Rx13 | -2953.4 | 5639715.7 | 65.7 | 0.7 | 63.3 | | 63.7 | | 65.8 | 0.8 | 63.4 | | 63.8 | |
| Sundance 53 | Rx13 | -2775.4 | 5639712.1 | 64.2 | | 64.2 | | 64.1 | | 64.3 | | 64.2 | | 64.2 | |
| Chaparral 01 | Rx14 | -3375.2 | 5638570.1 | 60.6 | | | | | | 60.7 | | | | | |
| Chaparral 02 | Rx14 | -3385 | 5638594.7 | 62.0 | | | | | | 62.1 | | | | | |
| Chaparral 03 | Rx14 | -3391.5 | 5638611.1 | 62.8 | | | | | | 62.9 | | | | | |
| Chaparral 04 | Rx14 | -3396.1 | 5638623.2 | 63.3 | | | | | | 63.4 | | | | | |
| Chaparral 05 | Rx14 | -3400.1 | 5638633.3 | 63.7 | | | | | | 63.8 | | | | | |
| Chaparral 06 | Rx14 | -3403.5 | 5638641.8 | 63.4 | | | | | | 63.6 | | | | | |
| Chaparral 07 | Rx14 | -3408.1 | 5638653.2 | 63.0 | | | | | | 63.1 | | | | | |
| Chaparral 08 | Rx14 | -3411.5 | 5638661.8 | 63.1 | | | | | | 63.2 | | | | | |
| Chaparral 09 | Rx14 | -3416.3 | 5638674.1 | 63.2 | | | | | | 63.3 | | | | | |
| Chaparral 10 | Rx14 | -3420 | 5638683.8 | 62.3 | | | | | | 62.4 | | | | | |
| Chaparral 11 | Rx14 | -3422.8 | 5638707.5 | 63.1 | | | | | | 63.3 | | | | | |
| Chaparral 12 | Rx14 | -3424.6 | 5638723.2 | 62.3 | | | | | | 62.4 | | | | | |
| Chaparral 13 | Rx14 | -3452.4 | 5638803.4 | 62.0 | | | | | | 62.1 | | | | | |
| Chaparral 14 | Rx14 | -3458 | 5638819.2 | 61.9 | | | | | | 62.1 | | | | | |
| Chaparral 15 | Rx14 | -3463.7 | 5638835.1 | 62.9 | | | | | | 63.0 | | | | | |
| Chaparral 16 | Rx14 | -3467.7 | 5638846.3 | 63.4 | | | | | | 63.5 | | | | | |
| Chaparral 17 | Rx14 | -3471 | 5638855.7 | 63.5 | | | | | | 63.6 | | | | | |
| Chaparral 18 | Rx14 | -3477 | 5638872.6 | 63.2 | | | | | | 63.4 | | | | | |
| Chaparral 19 | Rx14 | -3481.3 | 5638884.6 | 63.4 | | | | | | 63.5 | | | | | |
| Chaparral 20 | Rx14 | -3484.9 | 5638894.9 | 63.0 | | | | | | 63.2 | | | | | |
| Chaparral 21 | Rx14 | -3491.3 | 5638913 | 62.8 | | | | | | 62.9 | | | | | |
| Chaparral 22 | Rx14 | -3497.3 | 5638929.8 | 63.3 | | | | | | 63.5 | | | | | |
| Chaparral 23 | Rx14 | -3510.7 | 5638967.7 | 63.6 | | | | | | 63.8 | | | | | |
| Chaparral 24 | Rx14 | -3515.8 | 5638981.8 | 63.1 | | | | | | 63.3 | | | | | |
| Chaparral 25 | Rx14 | -3522.5 | 5639000.7 | 63.3 | | | | | | 63.5 | | | | | |
| Chaparral 26 | Rx14 | -3527.1 | 5639013.9 | 64.7 | | | | | | 64.9 | | | | | |
| Chaparral 27 | Rx14 | -3529.5 | 5639024.5 | 64.3 | | | | | | 64.5 | | | | | |
| Chaparral 28 | Rx14 | -3531.8 | 5639035.4 | 64.1 | | | | | | 64.3 | | | | | |
| Chaparral 29 | Rx14 | -3534.2 | 5639047.2 | 63.7 | | | | | | 63.9 | | | | | |
| Chaparral 30 | Rx14 | -3536.7 | 5639059.4 | 62.5 | | | | | | 62.7 | | | | | |
| Chaparral 31 | Rx14 | -3538.7 | 5639068.8 | 64.0 | | | | | | 64.2 | | | | | |
| Chaparral 32 | Rx14 | -3542.3 | 5639086.5 | 64.2 | | | | | | 64.5 | | | | | |
| Chaparral 33 | Rx14 | -3548 | 5639114 | 63.4 | | | | | | 63.6 | | | | | |
| Chaparral 34 | Rx14 | -3521.7 | 5639119.4 | 64.3 | | | | | | 64.4 | | | | | |
| Chaparral 35 | Rx14 | -3509 | 5639126.9 | 59.2 | | | | | | 59.5 | | | | | |
| Chaparral 36 | Rx14 | -3512.2 | 5639162.4 | 61.7 | | | | | | 61.9 | | | | | |
| Chaparral 37 | Rx14 | -3512.1 | 5639186.1 | 62.8 | | | | | | 63.0 | | | | | |
| Chaparral 38 | Rx14 | -3510.6 | 5639204.2 | 61.6 | | | | | | 61.8 | | | | | |
| Chaparral 39 | Rx14 | -3508 | 5639222.5 | 60.9 | | | | | | 61.2 | | | | | |
| Chaparral 40 | Rx14 | -3505 | 5639238.2 | 61.5 | | | | | | 61.8 | | | | | |
| Chaparral 41 | Rx14 | -3484.5 | 5639248.9 | 64.0 | | | | | | 64.4 | | | | | |
| Chaparral 42 | Rx14 | -3470.1 | 5639252.4 | 64.0 | | | | | | 64.3 | | | | | |
| Chaparral 43 | Rx14 | -3458.3 | 5639255.2 | 63.4 | | | | | | 63.8 | | | | | |
| Chaparral 44 | Rx14 | -3447.8 | 5639257.8 | 63.1 | | | | | | 63.4 | | | | | |
| Chaparral 45 | Rx14 | -3436 | 5639260.6 | 62.6 | | | | | | 62.8 | | | | | |
| Chaparral 46 | Rx14 | -3423.8 | 5639263.6 | 62.3 | | | | | | 62.6 | | | | | |
| Chaparral 47 | Rx14 | -3411.8 | 5639266.5 | 62.2 | | | | | | 62.4 | | | | | |
| Chaparral 48 | Rx14 | -3402.1 | 5639268.8 | 62.2 | | | | | | 62.4 | | | | | |
| Chaparral 49 | Rx14 | -3388.7 | 5639272 | 61.9 | | | | | | 62.1 | | | | | |
| Chaparral 50 | Rx14 | -3378.3 | 5639274.5 | 61.5 | | | | | | 61.7 | | | | | |
| Chaparral 51 | Rx14 | -3249.5 | 5639275.1 | 60.6 | | | | | | 60.8 | | | | | |
| Chaparral 52 | Rx14 | -3231.1 | 5639275.1 | 60.1 | | | | | | 60.3 | | | | | |
| Chaparral 53 | Rx14 | -3222.7 | 5639275.1 | 59.8 | | | | | | 60.0 | | | | | |
| Chaparral 54 | Rx14 | -3200 | 5639275.1 | 60.1 | | | | | | 60.3 | | | | | |
| Chaparral 55 | Rx14 | -3186.7 | 5639275.1 | 59.8 | | | | | | 60.0 | | | | | |
| Chaparral 56 | Rx14 | -3173.7 | 5639275.1 | 59.4 | | | | | | 59.6 | | | | | |
| Chaparral 57 | Rx14 | -3165.6 | 5639275.1 | 59.2 | | | | | | 59.4 | | | | | |
| Chaparral 58 | Rx14 | -3154.7 | 5639275.1 | 58.9 | | | | | | 59.1 | | | | | |
| Chaparral 59 | Rx14 | -3143.8 | 5639275.1 | 58.5 | | | | | | 58.7 | | | | | |
| Chaparral 60 | Rx14 | -3129.2 | 5639275.1 | 58.7 | | | | | | 58.9 | | | | | |
| Chaparral 61 | Rx14 | -3121.1 | 5639275.1 | 58.9 | | | | | | 59.0 | | | | | |
| Chaparral 62 | Rx14 | -3107.3 | 5639275.1 | 58.9 | | | | | | 59.0 | | | | | |
| Chaparral 63 | Rx14 | -3098 | 5639275.1 | 58.8 | | | | | | 59.0 | | | | | |
| Chaparral 64 | Rx14 | -3084.2 | 5639275.1 | 59.0 | | | | | | 59.1 | | | | | |
| Chaparral 65 | Rx14 | -3074.5 | 5639275.1 | 59.0 | | | | | | 59.2 | | | | | |
| Chaparral 66 | Rx14 | -3058.3 | 5639275.1 | 59.1 | | | | | | 59.2 | | | | | |
| Chaparral 67 | Rx14 | -3028 | 5639275 | 58.1 | | | | | | 58.3 | | | | | |
| Chaparral 68 | Rx14 | -2870 | 5639275 | 58.4 | | | | | | 58.5 | | | | | |
| Chaparral 69 | Rx14 | -2848.4 | 5639275 | 58.3 | | | | | | 58.5 | | | | | |
| Chaparral 70 | Rx14 | -2832.8 | 5639275 | 58.2 | | | | | | 58.3 | | | | | |
| Chaparral 71 | Rx14 | -2821.9 | 5639275 | 58.0 | | | | | | 58.1 | | | | | |
| Chaparral 72 | Rx14 | -2810.3 | 5639275 | 58.1 | | | | | | 58.2 | | | | | |
| Chaparral 73 | Rx14 | -2797.2 | 5639275 | 58.1 | | | | | | 58.3 | | | | | |
| Chaparral 74 | Rx14 | -2785.6 | 5639275 | 57.9 | | | | | | 58.1 | | | | | |
| Chaparral 75 | Rx14 | -2767.9 | 5639275 | 58.0 | | | | | | 58.1 | | | | | |
| Chaparral 76 | Rx14 | -2750.6 | 5639275 | 57.8 | | | | | | 58.0 | | | | | |

SWCRR Segment 3 Noise Prediction Results
BKL Consultants Ltd.
February 2018

Colour Key
64 < Leq24 ≤ 65
Leq24 > 65

2030 Forecast Year

| Receiver | | Coordinates | | 2030 Traffic - Mainline Trucks 8%, Cross streets and ramps 5% | | | | | | 2030 Traffic - All Roads 8.4% | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | No Mitigation | | With Mitigation TUC alignment | | With Mitigation Top of Berm alignment | | No Mitigation | | With Mitigation TUC alignment | | With Mitigation Top of Berm alignment | |
| Name | Group | Easting | Northing | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance |
| | | (m) | (m) | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA |
| Evergreen 100 | Rx09 | -8979.8 | 5641943.9 | 63.8 | | | | | | 63.9 | | | | | |
| Evergreen 101 | Rx09b | -8974 | 5641913.4 | 64.6 | | | | | | 64.7 | | | | | |
| Evergreen 102 | Rx09b | -8970.1 | 5641892.7 | 63.5 | | | | | | 63.6 | | | | | |
| Evergreen 103 | Rx09b | -8961 | 5641854.3 | 63.2 | | | | | | 63.3 | | | | | |
| Evergreen 104 | Rx09b | -8957.6 | 5641836 | 63.6 | | | | | | 63.7 | | | | | |
| Evergreen 105 | Rx09b | -8955.1 | 5641822.3 | 63.9 | | | | | | 64.0 | | | | | |
| Evergreen 106 | Rx09b | -8953.1 | 5641811.4 | 63.8 | | | | | | 63.9 | | | | | |
| Evergreen 107 | Rx09b | -8951.5 | 5641802 | 63.9 | | | | | | 64.0 | | | | | |
| Evergreen 108 | Rx09b | -8950 | 5641793.6 | 63.6 | | | | | | 63.7 | | | | | |
| Evergreen 109 | Rx09b | -8947.6 | 5641780.5 | 63.3 | | | | | | 63.4 | | | | | |
| Evergreen 110 | Rx09b | -8946 | 5641771.5 | 63.5 | | | | | | 63.6 | | | | | |
| Evergreen 111 | Rx09b | -8944.3 | 5641762 | 63.4 | | | | | | 63.5 | | | | | |
| Evergreen 112 | Rx09b | -8942.5 | 5641751.8 | 63.5 | | | | | | 63.6 | | | | | |
| Evergreen 113 | Rx09b | -8940.7 | 5641741.6 | 63.4 | | | | | | 63.5 | | | | | |
| Evergreen 114 | Rx09b | -8939.1 | 5641733 | 63.1 | | | | | | 63.2 | | | | | |
| Evergreen 115 | Rx09b | -8936.9 | 5641719.9 | 63.3 | | | | | | 63.4 | | | | | |
| Evergreen 116 | Rx09b | -8933.7 | 5641701.5 | 63.4 | | | | | | 63.6 | | | | | |
| Evergreen 117 | Rx09b | -8931.9 | 5641690.5 | 63.1 | | | | | | 63.2 | | | | | |
| Evergreen 118 | Rx09b | -8930.6 | 5641682.9 | 63.0 | | | | | | 63.1 | | | | | |
| Evergreen 119 | Rx09b | -8928.4 | 5641669.4 | 63.0 | | | | | | 63.1 | | | | | |
| Evergreen 120 | Rx09b | -8927.3 | 5641662.6 | 62.9 | | | | | | 63.0 | | | | | |
| Evergreen 121 | Rx09b | -8925.5 | 5641650.7 | 63.1 | | | | | | 63.2 | | | | | |
| Evergreen 122 | Rx09b | -8924.2 | 5641642.4 | 63.1 | | | | | | 63.2 | | | | | |
| Evergreen 123 | Rx09b | -8922.6 | 5641631.9 | 63.0 | | | | | | 63.1 | | | | | |
| Evergreen 124 | Rx09b | -8920.8 | 5641620.4 | 62.6 | | | | | | 62.7 | | | | | |
| Evergreen 125 | Rx09b | -8919.6 | 5641611.9 | 62.5 | | | | | | 62.7 | | | | | |
| Evergreen 126 | Rx09b | -8917.9 | 5641600.5 | 62.3 | | | | | | 62.4 | | | | | |
| Evergreen 127 | Rx09b | -8916.5 | 5641590.7 | 62.0 | | | | | | 62.1 | | | | | |
| Evergreen 128 | Rx09b | -8914.2 | 5641574.4 | 61.4 | | | | | | 61.6 | | | | | |
| Evergreen 129 | Rx09b | -8912.9 | 5641564.2 | 61.0 | | | | | | 61.2 | | | | | |
| Evergreen 130 | Rx09b | -8911.6 | 5641554.7 | 60.7 | | | | | | 60.8 | | | | | |
| Evergreen 131 | Rx09b | -8910.4 | 5641545.7 | 61.0 | | | | | | 61.1 | | | | | |
| Evergreen 132 | Rx09b | -8909 | 5641534.8 | 60.6 | | | | | | 60.8 | | | | | |
| Evergreen 133 | Rx09b | -8907.5 | 5641523.4 | 60.4 | | | | | | 60.6 | | | | | |
| Evergreen 134 | Rx09b | -8906.4 | 5641514.1 | 60.6 | | | | | | 60.8 | | | | | |
| Evergreen 135 | Rx09b | -8905.2 | 5641504.4 | 60.4 | | | | | | 60.5 | | | | | |
| Evergreen 136 | Rx09b | -8903.4 | 5641489.3 | 60.2 | | | | | | 60.4 | | | | | |
| Evergreen 137 | Rx09b | -8901 | 5641468.4 | 59.3 | | | | | | 59.5 | | | | | |
| Evergreen 138 | Rx09b | -8897.5 | 5641437.6 | 59.5 | | | | | | 59.8 | | | | | |
| Evergreen 139 | Rx09b | -8894 | 5641416.6 | 59.2 | | | | | | 59.5 | | | | | |
| Evergreen 140 | Rx09b | -8889.8 | 5641398.9 | 60.0 | | | | | | 60.3 | | | | | |
| Evergreen 141 | Rx09b | -8885.5 | 5641384.7 | 59.7 | | | | | | 60.0 | | | | | |
| Evergreen 142 | Rx09b | -8880.8 | 5641371.6 | 59.7 | | | | | | 60.1 | | | | | |
| Evergreen 143 | Rx09b | -8877.7 | 5641364.2 | 59.7 | | | | | | 60.0 | | | | | |
| Evergreen 144 | Rx09b | -8872.6 | 5641352.8 | 59.5 | | | | | | 59.9 | | | | | |
| Evergreen 145 | Rx09b | -8867.9 | 5641343.5 | 59.4 | | | | | | 59.7 | | | | | |
| Evergreen 146 | Rx09b | -8861.7 | 5641332.2 | 59.4 | | | | | | 59.8 | | | | | |
| Evergreen 147 | Rx09b | -8855.5 | 5641322.1 | 59.3 | | | | | | 59.7 | | | | | |
| Evergreen 148 | Rx09b | -8847.8 | 5641310.3 | 58.8 | | | | | | 59.3 | | | | | |
| Evergreen 149 | Rx09b | -8843.9 | 5641304.5 | 58.9 | | | | | | 59.4 | | | | | |
| Evergreen 150 | Rx09b | -8835.6 | 5641292.1 | 59.8 | | | | | | 60.3 | | | | | |
| Evergreen 151 | Rx09b | -8825.6 | 5641277 | 59.3 | | | | | | 59.8 | | | | | |
| Evergreen 152 | Rx09b | -8808.5 | 5641251.5 | 59.6 | | | | | | 60.2 | | | | | |
| Evergreen 153 | Rx09b | -8800.1 | 5641241.5 | 59.8 | | | | | | 60.4 | | | | | |
| Evergreen 154 | Rx09b | -8785.3 | 5641228 | 60.2 | | | | | | 61.0 | | | | | |
| Evergreen 155 | Rx09b | -8768.6 | 5641217.4 | 61.1 | | | | | | 62.0 | | | | | |
| Evergreen 156 | Rx09b | -8756.1 | 5641211.7 | 60.8 | | | | | | 61.8 | | | | | |
| Evergreen 157 | Rx09b | -8746.4 | 5641208.4 | 61.3 | | | | | | 62.3 | | | | | |
| Evergreen 158 | Rx09b | -8733.2 | 5641205.2 | 61.6 | | | | | | 62.6 | | | | | |
| Evergreen 159 | Rx09b | -8723.5 | 5641203.2 | 62.1 | | | | | | 63.2 | | | | | |
| Evergreen 160 | Rx09b | -8711.4 | 5641200.7 | 62.4 | | | | | | 63.4 | | | | | |
| Evergreen 161 | Rx09b | -8702.8 | 5641199.1 | 62.7 | | | | | | 63.7 | | | | | |
| Evergreen 162 | Rx09b | -8688.3 | 5641196.5 | 62.9 | | | | | | 63.9 | | | | | |
| Evergreen 163 | Rx09b | -8678.6 | 5641194.9 | 63.1 | | | | | | 64.2 | | | | | |
| Evergreen 164 | Rx09b | -8661.5 | 5641192.4 | 63.6 | | | | | | 64.7 | | | | | |
| Bridlewood 001 | Rx10 | -8646.1 | 5641121.9 | 63.2 | | | | | | 64.4 | | | | | |
| Bridlewood 002 | Rx10 | -8646.1 | 5641110 | 60.9 | | | | | | 62.1 | | | | | |
| Bridlewood 003 | Rx10 | -8646.2 | 5641097.5 | 59.9 | | | | | | 60.9 | | | | | |
| Bridlewood 004 | Rx10 | -8646.2 | 5641085 | 59.1 | | | | | | 60.1 | | | | | |
| Bridlewood 005 | Rx10 | -8646.2 | 5641076.5 | 58.9 | | | | | | 59.9 | | | | | |
| Bridlewood 006 | Rx10 | -8646.3 | 5641065.2 | 59.0 | | | | | | 60.0 | | | | | |
| Bridlewood 007 | Rx10 | -8646.3 | 5641053.2 | 58.4 | | | | | | 59.4 | | | | | |
| Bridlewood 008 | Rx10 | -8646.3 | 5641040.7 | 59.0 | | | | | | 60.0 | | | | | |
| Bridlewood 009 | Rx10 | -8646.4 | 5641029.7 | 58.7 | | | | | | 59.7 | | | | | |
| Bridlewood 010 | Rx10 | -8646.4 | 5641018.5 | 58.5 | | | | | | 59.4 | | | | | |
| Bridlewood 011 | Rx10 | -8646.4 | 5641007.1 | 58.4 | | | | | | 59.4 | | | | | |
| Bridlewood 012 | Rx10 | -8646.5 | 5640995.1 | 58.2 | | | | | | 59.1 | | | | | |
| Bridlewood 013 | Rx10 | -8646.5 | 5640983.9 | 57.9 | | | | | | 58.8 | | | | | |
| Bridlewood 014 | Rx10 | -8646.6 | 5640946.7 | 57.4 | | | | | | 58.2 | | | | | |
| Bridlewood 015 | Rx10 | -8646.7 | 5640936 | 57.4 | | | | | | 58.2 | | | | | |
| Bridlewood 016 | Rx10 | -8646.7 | 5640924.7 | 57.6 | | | | | | 58.3 | | | | | |
| Bridlewood 017 | Rx10 | -8646.7 | 5640912.9 | 57.3 | | | | | | 58.0 | | | | | |
| Bridlewood 018 | Rx10 | -8646.8 | 5640901.2 | 57.1 | | | | | | 57.8 | | | | | |
| Bridlewood 019 | Rx10 | -8646.8 | 5640890.6 | 57.1 | | | | | | 57.7 | | | | | |
| Bridlewood 020 | Rx10 | -8646.8 | 5640877.8 | 56.6 | | | | | | 57.3 | | | | | |
| Bridlewood 021 | Rx10 | -8646.9 | 5640866.7 | 56.8 | | | | | | 57.4 | | | | | |
| Bridlewood 022 | Rx10 | -8646.9 | 5640854.7 | 56.8 | | | | | | 57.3 | | | | | |
| Bridlewood 023 | Rx10 | -8646.9 | 5640844 | 57.3 | | | | | | 57.8 | | | | | |
| Bridlewood 024 | Rx10 | -8647 | 5640832.2 | 57.4 | | | | | | 57.9 | | | | | |
| Bridlewood 025 | Rx10 | -8647 | 5640822.2 | 57.1 | | | | | | 57.6 | | | | | |
| Bridlewood 026 | Rx10 | -8647.1 | 5640809.8 | 56.9 | | | | | | 57.4 | | | | | |
| Bridlewood 027 | Rx10 | -8647.1 | 5640799.2 | 56.9 | | | | | | 57.4 | | | | | |
| Bridlewood 028 | Rx10 | -8647.1 | 5640785.2 | 56.5 | | | | | | 56.9 | | | | | |
| Bridlewood 029 | Rx10 | -8647.2 | 5640772.6 | 57.2 | | | | | | 57.6 | | | | | |
| Bridlewood 030 | Rx10 | -8647.2 | 5640762.7 | 57.1 | | | | | | 57.5 | | | | | |
| Bridlewood 031 | Rx10 | -8647.2 | 5640750.2 | 57.0 | | | | | | 57.4 | | | | | |
| Bridlewood 032 | Rx10 | -8647.3 | 5640738.6 | 57.1 | | | | | | 57.5 | | | | | |
| Bridlewood 033 | Rx10 | -8647.3 | 5640728 | 57.6 | | | | | | 58.0 | | | | | |
| Bridlewood 034 | Rx10 | -8647.3 | 5640714.8 | 57.4 | | | | | | 57.8 | | | | | |
| Bridlewood 035 | Rx10 | -8647.4 | 5640703.6 | 57.4 | | | | | | 57.8 | | | | | |
| Bridlewood 036 | Rx10 | -8647.4 | 5640691.8 | 57.3 | | | | | | 57.7 | | | | | |
| Bridlewood 037 | Rx10 | -8647.4 | 5640681.5 | 57.1 | | | | | | 57.5 | | | | | |
| Bridlewood 038 | Rx10 | -8647.5 | 5640669.6 | 57.6 | | | | | | 58.0 | | | | | |
| Bridlewood 039 | Rx10 | -8647.5 | 5640657.7 | 57.4 | | | | | | 57.7 | | | | | |
| Bridlewood 040 | Rx10 | -8647.6 | 5640646.2 | 57.5 | | | | | | 57.9 | | | | | |
| Bridlewood 041 | Rx10 | -8647.6 | 5640633 | 57.5 | | | | | | 57.8 | | | | | |
| Bridlewood 042 | Rx10 | -8647.6 | 5640624 | 57.6 | | | | | | 57.9 | | | | | |
| Bridlewood 043 | Rx10 | -8647.7 | 5640611.8 | 57.4 | | | | | | 57.8 | | | | | |
| Bridlewood 044 | Rx10 | -8647.7 | 5640600.9 | 57.9 | | | | | | 58.2 | | | | | |
| Bridlewood 045 | Rx10 | -8647.7 | 5640588.1 | 57.6 | | | | | | 57.9 | | | | | |
| Bridlewood 046 | Rx10 | -8647.8 | 5640552.1 | 58.5 | | | | | | 58.8 | | | | | |
| Bridlewood 047 | Rx10 | -8647.9 | 5640542.4 | 57.5 | | | | | | 57.8 | | | | | |

SWCRR Segment 3 Noise Prediction Results
BKL Consultants Ltd.
February 2018

| Colour Key |
|---|
| 64 < Leq24 ≤ 65 |
| Leq24 > 65 |

2030 Forecast Year

| Receiver | | Coordinates | | 2030 Traffic - Mainline Trucks 8%, Cross streets and ramps 5% | | | | | | 2030 Traffic - All Roads 8.4% | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | No Mitigation | | With Mitigation TUC alignment | | With Mitigation Top of Berm alignment | | No Mitigation | | With Mitigation TUC alignment | | With Mitigation Top of Berm alignment | |
| Name | Group | Easting (m) | Northing (m) | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA |
| Bridlewood 048 | Rx10 | -8647.9 | 5640531.3 | 57.1 | | | | | | 57.4 | | | | | |
| Bridlewood 049 | Rx10 | -8647.9 | 5640521 | 57.0 | | | | | | 57.3 | | | | | |
| Bridlewood 050 | Rx10 | -8648 | 5640507.8 | 57.9 | | | | | | 58.2 | | | | | |
| Bridlewood 051 | Rx10 | -8648 | 5640498.3 | 57.3 | | | | | | 57.6 | | | | | |
| Bridlewood 052 | Rx10 | -8648 | 5640485.3 | 58.2 | | | | | | 58.5 | | | | | |
| Bridlewood 053 | Rx10 | -8648.1 | 5640474 | 57.9 | | | | | | 58.2 | | | | | |
| Bridlewood 054 | Rx10 | -8648.1 | 5640462.7 | 58.3 | | | | | | 58.6 | | | | | |
| Bridlewood 055 | Rx10 | -8648.1 | 5640451.7 | 59.0 | | | | | | 59.3 | | | | | |
| Bridlewood 056 | Rx10 | -8648.2 | 5640440.4 | 57.9 | | | | | | 58.2 | | | | | |
| Bridlewood 057 | Rx10 | -8648.2 | 5640429.9 | 58.6 | | | | | | 59.0 | | | | | |
| Bridlewood 058 | Rx10 | -8648.2 | 5640417.7 | 59.5 | | | | | | 59.8 | | | | | |
| Bridlewood 059 | Rx10 | -8648.3 | 5640407.2 | 59.3 | | | | | | 59.6 | | | | | |
| Bridlewood 060 | Rx10 | -8648.3 | 5640391.5 | 59.6 | | | | | | 59.9 | | | | | |
| Bridlewood 061 | Rx10 | -8642.7 | 5640351.1 | 59.5 | | | | | | 59.8 | | | | | |
| Bridlewood 062 | Rx10 | -8629.6 | 5640325.9 | 60.2 | | | | | | 60.4 | | | | | |
| Bridlewood 063 | Rx10 | -8616 | 5640292.1 | 61.9 | | | | | | 62.1 | | | | | |
| Bridlewood 064 | Rx10 | -8605 | 5640264.9 | 62.5 | | | | | | 62.7 | | | | | |
| Bridlewood 065 | Rx10 | -8596.4 | 5640243.6 | 62.6 | | | | | | 62.8 | | | | | |
| Bridlewood 066 | Rx10 | -8587 | 5640220.3 | 63.0 | | | | | | 63.2 | | | | | |
| Bridlewood 067 | Rx10 | -8578.7 | 5640199.9 | 63.3 | | | | | | 63.5 | | | | | |
| Bridlewood 068 | Rx10 | -8569.6 | 5640177.4 | 63.3 | | | | | | 63.4 | | | | | |
| Bridlewood 069 | Rx10 | -8560.5 | 5640154.7 | 64.2 | | | | | | 64.3 | | | | | |
| Bridlewood 070 | Rx10 | -8551.3 | 5640132 | 64.2 | | | | | | 64.4 | | | | | |
| Bridlewood 071 | Rx10 | -8537.9 | 5640106.5 | 64.8 | | 64.7 | | | | 65.0 | | 64.9 | | | |
| Bridlewood 072 | Rx10 | -8520.4 | 5640086.8 | 65.2 | 0.2 | 59.2 | | | | 65.3 | 0.3 | 59.4 | | | |
| Bridlewood 073 | Rx10 | -8506.9 | 5640071.7 | 64.5 | | 58.0 | | | | 64.6 | | 58.2 | | | |
| Bridlewood 074 | Rx10 | -8489.5 | 5640052.1 | 65.4 | 0.4 | 58.7 | | | | 65.6 | 0.6 | 58.9 | | | |
| Bridlewood 075 | Rx10 | -8473.9 | 5640034.6 | 65.4 | 0.4 | 58.7 | | | | 65.5 | 0.5 | 58.8 | | | |
| Bridlewood 076 | Rx10 | -8453.6 | 5640015.6 | 64.7 | | 58.9 | | | | 64.9 | | 59.1 | | | |
| Bridlewood 077 | Rx10 | -8431.7 | 5640001.7 | 64.6 | | 60.0 | | | | 64.8 | | 60.1 | | | |
| Bridlewood 078 | Rx10 | -8411 | 5639988.7 | 65.8 | 0.8 | 60.8 | | | | 65.9 | 0.9 | 61.0 | | | |
| Bridlewood 079 | Rx10 | -8391.7 | 5639976.5 | 66.0 | 1.0 | 60.6 | | | | 66.2 | 1.2 | 60.8 | | | |
| Bridlewood 080 | Rx10 | -8373.6 | 5639965.1 | 66.0 | 1.0 | 61.4 | | | | 66.1 | 1.1 | 61.5 | | | |
| Bridlewood 081 | Rx10 | -8349.5 | 5639949.9 | 65.0 | | 62.8 | | | | 65.1 | 0.1 | 62.9 | | | |
| Bridlewood 082 | Rx10 | -8326.1 | 5639949.4 | 64.6 | | 64.1 | | | | 64.7 | | 64.6 | | | |
| Bridlewood 083 | Rx10 | -8295.9 | 5639916.1 | 63.8 | | 59.9 | | | | 63.9 | | 61.9 | | | |
| Bridlewood 084 | Rx10 | -8203.1 | 5639874.3 | 65.2 | 0.2 | 63.1 | | | | 65.3 | 0.3 | 63.2 | | | |
| Bridlewood 085 | Rx10 | -8155.9 | 5639881.4 | 64.6 | | 63.6 | | | | 64.7 | | 63.7 | | | |
| Bridlewood 086 | Rx10 | -8105 | 5639879.5 | 64.8 | | 63.8 | | | | 64.9 | | 63.9 | | | |
| Bridlewood 087 | Rx10 | -8068.5 | 5639867.6 | 65.2 | 0.2 | 63.7 | | | | 65.3 | 0.3 | 63.8 | | | |
| Bridlewood 088 | Rx10 | -8023.7 | 5639865.7 | 64.6 | | 62.9 | | | | 64.7 | | 63.0 | | | |
| Bridlewood 089 | Rx10 | -7984.6 | 5639875.1 | 64.5 | | 63.7 | | | | 64.6 | | 63.8 | | | |
| Bridlewood 090 | Rx10 | -7941.6 | 5639873.3 | 64.8 | | 63.9 | | | | 64.9 | | 64.0 | | | |
| Bridlewood 091 | Rx10 | -7902.4 | 5639861.3 | 65.0 | | 62.6 | | | | 65.1 | 0.1 | 62.7 | | | |
| Bridlewood 092 | Rx10 | -7858.5 | 5639859.8 | 65.1 | 0.1 | 63.1 | | | | 65.2 | 0.2 | 63.2 | | | |
| Bridlewood 093 | Rx10 | -7814.6 | 5639868.9 | 64.9 | | 64.2 | | | | 65.0 | | 64.3 | | | |
| Bridlewood 094 | Rx10 | -7764 | 5639867 | 65.3 | 0.3 | 64.1 | | | | 65.4 | 0.4 | 64.2 | | | |
| Bridlewood 095 | Rx10 | -7731.8 | 5639865.9 | 64.9 | | 63.2 | | | | 64.9 | | 63.3 | | | |
| Bridlewood 096 | Rx10 | -7672.8 | 5639863.7 | 66.2 | 1.2 | 63.6 | | | | 66.3 | 1.3 | 63.7 | | | |
| Bridlewood 097 | Rx10 | -7639.1 | 5639856.2 | 67.7 | 2.7 | 64.1 | | | | 67.8 | 2.8 | 64.2 | | | |
| Bridlewood 098 | Rx10 | -7589.3 | 5639850.3 | 67.7 | 2.7 | 63.2 | | | | 67.8 | 2.8 | 63.3 | | | |
| Bridlewood 099 | Rx10 | -7547.8 | 5639859.1 | 66.9 | 1.9 | 63.9 | | | | 67.0 | 2.0 | 64.0 | | | |
| Bridlewood 100 | Rx10 | -7494.9 | 5639857.1 | 67.4 | 2.4 | 64.2 | | | | 67.5 | 2.5 | 64.3 | | | |
| Bridlewood 101 | Rx10 | -7442.9 | 5639849.3 | 65.3 | 0.3 | 63.2 | | | | 65.4 | 0.4 | 63.3 | | | |
| Bridlewood 102 | Rx10 | -7407.5 | 5639842.7 | 67.0 | 2.0 | 63.5 | | | | 67.0 | 2.0 | 63.6 | | | |
| Bridlewood 103 | Rx10 | -7374.8 | 5639843.7 | 66.1 | 1.1 | 64.0 | | | | 66.2 | 1.2 | 64.1 | | | |
| Bridlewood 104 | Rx10 | -7363.6 | 5639844.1 | 66.2 | 1.2 | 63.9 | | | | 66.2 | 1.2 | 64.0 | | | |
| Bridlewood 105 | Rx10 | -7354.1 | 5639844.4 | 65.9 | 0.9 | 63.8 | | | | 66.0 | 1.0 | 63.8 | | | |
| Bridlewood 106 | Rx10 | -7344.9 | 5639844.7 | 65.7 | 0.7 | 63.6 | | | | 65.8 | 0.8 | 63.6 | | | |
| Bridlewood 107 | Rx10 | -7335.7 | 5639845.1 | 65.5 | 0.5 | 63.4 | | | | 65.6 | 0.6 | 63.5 | | | |
| Bridlewood 108 | Rx10 | -7326.1 | 5639845.4 | 65.7 | 0.7 | 63.6 | | | | 65.8 | 0.8 | 63.7 | | | |
| Bridlewood 109 | Rx10 | -7315.8 | 5639845.7 | 65.8 | 0.8 | 63.6 | | | | 65.9 | 0.9 | 63.7 | | | |
| Bridlewood 110 | Rx10 | -7306.2 | 5639846 | 65.6 | 0.6 | 63.1 | | | | 65.6 | 0.6 | 63.2 | | | |
| Bridlewood 111 | Rx10 | -7296.5 | 5639846.4 | 65.8 | 0.8 | 63.6 | | | | 65.9 | 0.9 | 63.7 | | | |
| Bridlewood 112 | Rx10 | -7285 | 5639846.7 | 65.6 | 0.6 | 63.3 | | | | 65.7 | 0.7 | 63.4 | | | |
| Bridlewood 113 | Rx10 | -7276.5 | 5639847 | 65.6 | 0.6 | 63.3 | | | | 65.7 | 0.7 | 63.4 | | | |
| Bridlewood 114 | Rx10 | -7267.7 | 5639847.3 | 65.7 | 0.7 | 63.2 | | | | 65.7 | 0.7 | 63.2 | | | |
| Bridlewood 115 | Rx10 | -7256.6 | 5639847.7 | 65.6 | 0.6 | 62.0 | | | | 65.7 | 0.7 | 62.1 | | | |
| Bridlewood 116 | Rx10 | -7248.9 | 5639847.9 | 66.1 | 1.1 | 63.2 | | | | 66.2 | 1.2 | 63.3 | | | |
| Bridlewood 117 | Rx10 | -7236.8 | 5639848.3 | 66.5 | 1.5 | 62.8 | | | | 66.6 | 1.6 | 62.9 | | | |
| Bridlewood 118 | Rx10 | -7228.9 | 5639848.6 | 66.5 | 1.5 | 62.6 | | | | 66.6 | 1.6 | 62.7 | | | |
| Bridlewood 119 | Rx10 | -7218.8 | 5639848.9 | 66.4 | 1.4 | 62.3 | | | | 66.5 | 1.5 | 62.4 | | | |
| Bridlewood 120 | Rx10 | -7207.9 | 5639849.3 | 66.4 | 1.4 | 61.9 | | | | 66.5 | 1.5 | 62.0 | | | |
| Bridlewood 121 | Rx10 | -7197.4 | 5639849.7 | 66.4 | 1.4 | 61.5 | | | | 66.5 | 1.5 | 61.6 | | | |
| Bridlewood 122 | Rx10 | -7188.9 | 5639849.9 | 66.7 | 1.7 | 61.8 | | | | 66.8 | 1.8 | 61.9 | | | |
| Bridlewood 123 | Rx10 | -7179.4 | 5639850.3 | 66.5 | 1.5 | 60.2 | | | | 66.5 | 1.5 | 60.3 | | | |
| Bridlewood 124 | Rx10 | -7152.2 | 5639851.2 | 67.7 | 2.7 | 61.9 | | | | 67.8 | 2.8 | 62.0 | | | |
| Bridlewood 125 | Rx10 | -7127.2 | 5639852 | 63.6 | | 55.7 | | | | 63.6 | | 55.8 | | | |
| Bridlewood 126 | Rx10 | -7077.2 | 5639853.7 | 65.6 | 0.6 | 60.7 | | | | 65.7 | 0.7 | 60.8 | | | |
| Bridlewood 127 | Rx10 | -7041.9 | 5639854.8 | 66.0 | 1.0 | 61.7 | | | | 66.1 | 1.1 | 61.8 | | | |
| Bridlewood 128 | Rx10 | -7015.2 | 5639855.7 | 65.8 | 0.8 | 61.0 | | | | 65.9 | 0.9 | 61.1 | | | |
| Bridlewood 129 | Rx10 | -6987.9 | 5639856.6 | 66.3 | 1.3 | 61.8 | | | | 66.4 | 1.4 | 61.9 | | | |
| Bridlewood 130 | Rx10 | -6962.7 | 5639857.5 | 64.7 | | 64.6 | | | | 64.8 | | 64.7 | | | |
| Bridlewood 131 | Rx10 | -6932.5 | 5639858.5 | 63.5 | | 63.5 | | | | 63.6 | | 63.6 | | | |
| Bridlewood 132 | Rx10 | -6907.9 | 5639859.9 | 62.8 | | | | | | 63.0 | | | | | |
| Bridlewood 133 | Rx10 | -6888 | 5639861.3 | 63.6 | | | | | | 63.7 | | | | | |
| Bridlewood 134 | Rx10 | -6861.7 | 5639864.6 | 63.0 | | | | | | 63.2 | | | | | |
| Bridlewood 135 | Rx10 | -6839.2 | 5639870 | 63.7 | | | | | | 63.8 | | | | | |
| Bridlewood 136 | Rx10 | -6815.5 | 5639878.6 | 62.7 | | | | | | 62.9 | | | | | |
| Bridlewood 137 | Rx10 | -6793.9 | 5639889.4 | 63.0 | | | | | | 63.3 | | | | | |
| Bridlewood 138 | Rx10 | -6780.5 | 5639897.5 | 63.2 | | | | | | 63.4 | | | | | |
| Bridlewood 139 | Rx10 | -6767.3 | 5639907 | 62.3 | | | | | | 62.6 | | | | | |
| Bridlewood 140 | Rx10 | -6742.3 | 5639929.5 | 61.8 | | | | | | 62.2 | | | | | |
| Bridlewood 141 | Rx10 | -6736.1 | 5639936.7 | 61.0 | | | | | | 61.4 | | | | | |
| Bridlewood 142 | Rx10 | -6727.7 | 5639947.3 | 60.2 | | | | | | 60.7 | | | | | |
| Bridlewood 143 | Rx10 | -6713.2 | 5639952.6 | 60.8 | | | | | | 61.3 | | | | | |
| Bridlewood 144 | Rx10 | -6698.3 | 5639975.4 | 60.0 | | | | | | 60.5 | | | | | |
| Bridlewood 145 | Rx10 | -6696.4 | 5639994.4 | 59.1 | | | | | | 59.7 | | | | | |
| Bridlewood 146 | Rx10 | -6706 | 5640019.5 | 57.8 | | | | | | 58.5 | | | | | |
| Bridlewood 147 | Rx10 | -6720.8 | 5640033.3 | 57.0 | | | | | | 57.8 | | | | | |
| Bridlewood 148 | Rx10 | -6733.4 | 5640047.2 | 57.0 | | | | | | 57.7 | | | | | |
| Bridlewood 149 | Rx10 | -6733.8 | 5640058.5 | 57.5 | | | | | | 58.3 | | | | | |
| Bridlewood 150 | Rx10 | -6734.2 | 5640068.9 | 57.8 | | | | | | 58.6 | | | | | |
| Bridlewood 151 | Rx10 | -6734.7 | 5640081.6 | 57.9 | | | | | | 58.6 | | | | | |
| Bridlewood 152 | Rx10 | -6735.1 | 5640092.4 | 57.6 | | | | | | 58.3 | | | | | |
| Somerset 001 | Rx11 | -6531.3 | 5640120.3 | 63.9 | | | | | | 64.7 | | | | | |
| Somerset 002 | Rx11 | -6527.3 | 5640110.5 | 63.5 | | | | | | 64.2 | | | | | |
| Somerset 003 | Rx11 | -6523.3 | 5640100.6 | 62.7 | | | | | | 63.5 | | | | | |
| Somerset 004 | Rx11 | -6517.3 | 5640087.8 | 62.5 | | | | | | 63.2 | | | | | |
| Somerset 005 | Rx11 | -6512.8 | 5640079.6 | 61.9 | | | | | | 62.6 | | | | | |
| Somerset 006 | Rx11 | -6506 | 5640068.8 | 61.4 | | | | | | 62.1 | | | | | |
| Somerset 007 | Rx11 | -6499 | 5640059.3 | 60.8 | | | | | | 61.4 | | | | | |

SWCRR Segment 3 Noise Prediction Results
BKL Consultants Ltd.
February 2018

Colour Key
64 < Leq24 ≤ 65
Leq24 > 65

2030 Forecast Year

| Receiver | | Coordinates | | 2030 Traffic - Mainline Trucks 8%, Cross streets and ramps 5% | | | | | | 2030 Traffic - All Roads 8.4% | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | No Mitigation | | With Mitigation TUC alignment | | With Mitigation Top of Berm alignment | | No Mitigation | | With Mitigation TUC alignment | | With Mitigation Top of Berm alignment | |
| Name | Group | Easting (m) | Northing (m) | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA |
| Somerset 008 | Rx11 | -6481.2 | 5640039.7 | 60.1 | | | | | | 60.6 | | | | | |
| Somerset 009 | Rx11 | -6472.4 | 5640032.6 | 59.6 | | | | | | 60.2 | | | | | |
| Somerset 010 | Rx11 | -6464.9 | 5640026.5 | 59.9 | | | | | | 60.4 | | | | | |
| Somerset 011 | Rx11 | -6454.3 | 5640017.9 | 59.6 | | | | | | 60.1 | | | | | |
| Somerset 012 | Rx11 | -6446.4 | 5640011.5 | 59.5 | | | | | | 60.1 | | | | | |
| Somerset 013 | Rx11 | -6438.3 | 5640004.9 | 59.5 | | | | | | 60.0 | | | | | |
| Somerset 014 | Rx11 | -6429.3 | 5639997.5 | 59.6 | | | | | | 60.1 | | | | | |
| Somerset 015 | Rx11 | -6421.7 | 5639991 | 60.2 | | | | | | 60.7 | | | | | |
| Somerset 016 | Rx11 | -6413.2 | 5639983.4 | 60.1 | | | | | | 60.6 | | | | | |
| Somerset 017 | Rx11 | -6403.9 | 5639974.8 | 60.6 | | | | | | 61.1 | | | | | |
| Somerset 018 | Rx11 | -6396.8 | 5639968 | 60.6 | | | | | | 61.1 | | | | | |
| Somerset 019 | Rx11 | -6385.2 | 5639956.1 | 61.0 | | | | | | 61.5 | | | | | |
| Somerset 020 | Rx11 | -6375 | 5639950 | 61.8 | | | | | | 62.3 | | | | | |
| Somerset 021 | Rx11 | -6355.3 | 5639950 | 60.2 | | | | | | 60.7 | | | | | |
| Somerset 022 | Rx11 | -6340.9 | 5639950 | 60.3 | | | | | | 60.7 | | | | | |
| Somerset 023 | Rx11 | -6324.1 | 5639941.9 | 59.6 | | | | | | 60.0 | | | | | |
| Somerset 024 | Rx11 | -6306.2 | 5639918.4 | 61.6 | | | | | | 62.0 | | | | | |
| Somerset 025 | Rx11 | -6295.7 | 5639907 | 61.6 | | | | | | 62.1 | | | | | |
| Somerset 026 | Rx11 | -6288.1 | 5639899.6 | 61.7 | | | | | | 62.2 | | | | | |
| Somerset 027 | Rx11 | -6277 | 5639889.9 | 62.1 | | | | | | 62.6 | | | | | |
| Somerset 028 | Rx11 | -6268.7 | 5639883.5 | 62.4 | | | | | | 62.9 | | | | | |
| Somerset 029 | Rx11 | -6255.1 | 5639874.1 | 62.9 | | | | | | 63.4 | | | | | |
| Somerset 030 | Rx11 | -6246.1 | 5639868.7 | 63.0 | | | | | | 63.5 | | | | | |
| Somerset 031 | Rx11 | -6235 | 5639862.8 | 62.9 | | | | | | 63.4 | | | | | |
| Somerset 032 | Rx11 | -6223.4 | 5639857.4 | 63.5 | | | | | | 63.9 | | | | | |
| Somerset 033 | Rx11 | -6212 | 5639852.8 | 63.4 | | | | | | 63.8 | | | | | |
| Somerset 034 | Rx11 | -6200.9 | 5639849 | 63.9 | | | | | | 64.3 | | | | | |
| Somerset 035 | Rx11 | -6188.1 | 5639845.4 | 64.0 | | | | | | 64.3 | | | | | |
| Somerset 036 | Rx11 | -6178.1 | 5639843.1 | 64.1 | | | | | | 64.4 | | | | | |
| Somerset 037 | Rx11 | -6164.7 | 5639840.4 | 64.3 | | | | | | 64.6 | | | | | |
| Somerset 038 | Rx11 | -6154.9 | 5639838.4 | 64.1 | | | | | | 64.5 | | | | | |
| Somerset 039 | Rx11 | -6141.2 | 5639835.6 | 64.1 | | | | | | 64.4 | | | | | |
| Somerset 040 | Rx11 | -6130.5 | 5639833.5 | 64.2 | | | | | | 64.5 | | | | | |
| Somerset 041 | Rx11 | -6118 | 5639830.9 | 64.6 | | | | | | 64.9 | | 64.6 | | | |
| Somerset 042 | Rx11 | -6108.9 | 5639829.1 | 64.8 | | | | | | 65.1 | 0.1 | 63.1 | | | |
| Somerset 043 | Rx11 | -6095.4 | 5639826.4 | 64.3 | | | | | | 64.7 | | 63.2 | | | |
| Somerset 044 | Rx11 | -6085.2 | 5639824.3 | 64.1 | | | | | | 64.4 | | 62.6 | | | |
| Somerset 045 | Rx11 | -6071 | 5639821.4 | 64.3 | | | | | | 64.7 | | 63.6 | | | |
| Somerset 046 | Rx11 | -6055.5 | 5639818.3 | 64.2 | | | | | | 64.6 | | 62.6 | | | |
| Somerset 047 | Rx11 | -6010.3 | 5639809.2 | 64.1 | | | | | | 64.4 | | 60.7 | | | |
| Somerset 048 | Rx11 | -5993.1 | 5639805.7 | 64.1 | | 64.0 | | | | 64.5 | | 59.9 | | | |
| Somerset 049 | Rx11 | -5973.6 | 5639801.8 | 65.2 | 0.2 | 62.0 | | | | 65.6 | 0.6 | 62.3 | | | |
| Somerset 050 | Rx11 | -5961.2 | 5639799.3 | 65.1 | 0.1 | 62.5 | | | | 65.5 | 0.5 | 62.8 | | | |
| Somerset 051 | Rx11 | -5953.2 | 5639797.6 | 65.2 | 0.2 | 62.6 | | | | 65.6 | 0.6 | 63.0 | | | |
| Somerset 052 | Rx11 | -5941.5 | 5639795.3 | 65.6 | 0.6 | 62.9 | | | | 66.0 | 1.0 | 63.3 | | | |
| Somerset 053 | Rx11 | -5931.8 | 5639793.3 | 65.5 | 0.5 | 62.8 | | | | 65.9 | 0.9 | 63.1 | | | |
| Somerset 054 | Rx11 | -5920.3 | 5639791 | 65.6 | 0.6 | 62.8 | | | | 66.0 | 1.0 | 63.2 | | | |
| Somerset 055 | Rx11 | -5909.2 | 5639788.8 | 65.6 | 0.6 | 62.7 | | | | 66.1 | 1.1 | 63.1 | | | |
| Somerset 056 | Rx11 | -5898 | 5639786.7 | 65.6 | 0.6 | 61.8 | | | | 66.0 | 1.0 | 62.1 | | | |
| Somerset 057 | Rx11 | -5886.5 | 5639785 | 65.7 | 0.7 | 61.7 | | | | 66.2 | 1.2 | 62.1 | | | |
| Somerset 058 | Rx11 | -5874.9 | 5639783.5 | 66.2 | 1.2 | 62.0 | | | | 66.7 | 1.7 | 62.3 | | | |
| Somerset 059 | Rx11 | -5863.5 | 5639782 | 65.6 | 0.6 | 61.9 | | | | 66.1 | 1.1 | 62.2 | | | |
| Somerset 060 | Rx11 | -5853.3 | 5639780.7 | 65.7 | 0.7 | 62.4 | | | | 66.1 | 1.1 | 62.8 | | | |
| Somerset 061 | Rx11 | -5841.7 | 5639779.2 | 66.1 | 1.1 | 61.9 | | | | 66.5 | 1.5 | 62.3 | | | |
| Somerset 062 | Rx11 | -5830.9 | 5639777.8 | 65.9 | 0.9 | 61.2 | | | | 66.4 | 1.4 | 61.5 | | | |
| Somerset 063 | Rx11 | -5817.6 | 5639776.1 | 65.5 | 0.5 | 61.1 | | | | 66.0 | 1.0 | 61.5 | | | |
| Somerset 064 | Rx11 | -5806.1 | 5639774.6 | 65.4 | 0.4 | 61.6 | | | | 65.9 | 0.9 | 62.0 | | | |
| Somerset 065 | Rx11 | -5795.9 | 5639773.2 | 65.5 | 0.5 | 62.2 | | | | 66.0 | 1.0 | 62.6 | | | |
| Somerset 066 | Rx11 | -5784.7 | 5639771.8 | 65.6 | 0.6 | 62.2 | | | | 66.2 | 1.2 | 62.6 | | | |
| Somerset 067 | Rx11 | -5769 | 5639769.7 | 65.1 | 0.1 | 61.4 | | | | 65.6 | 0.6 | 61.7 | | | |
| Somerset 068 | Rx11 | -5683.9 | 5639764 | 63.3 | | 63.3 | | | | 63.8 | | 63.8 | | | |
| Somerset 069 | Rx11 | -5668.1 | 5639764.4 | 63.6 | | | | | | 64.0 | | | | | |
| Somerset 070 | Rx11 | -5653.6 | 5639764.8 | 62.9 | | | | | | 63.3 | | | | | |
| Somerset 071 | Rx11 | -5642.1 | 5639765 | 62.3 | | | | | | 62.7 | | | | | |
| Somerset 072 | Rx11 | -5631.4 | 5639765.3 | 61.5 | | | | | | 61.9 | | | | | |
| Somerset 073 | Rx11 | -5621.7 | 5639765.5 | 61.6 | | | | | | 62.0 | | | | | |
| Somerset 074 | Rx11 | -5610.4 | 5639765.8 | 61.0 | | | | | | 61.4 | | | | | |
| Somerset 075 | Rx11 | -5599.3 | 5639766.1 | 60.7 | | | | | | 61.1 | | | | | |
| Somerset 076 | Rx11 | -5586.7 | 5639766.4 | 60.5 | | | | | | 60.9 | | | | | |
| Somerset 077 | Rx11 | -5575.5 | 5639766.7 | 60.5 | | | | | | 60.9 | | | | | |
| Somerset 078 | Rx11 | -5553.8 | 5639766.9 | 59.4 | | | | | | 59.8 | | | | | |
| Somerset 079 | Rx11 | -5519.9 | 5639765.4 | 58.9 | | | | | | 59.4 | | | | | |
| Somerset 080 | Rx11 | -5499.5 | 5639764.5 | 59.5 | | | | | | 59.9 | | | | | |
| Somerset 081 | Rx11 | -5482.5 | 5639763.7 | 58.3 | | | | | | 58.8 | | | | | |
| Somerset 082 | Rx11 | -5471.9 | 5639763.3 | 57.7 | | | | | | 58.1 | | | | | |
| Somerset 083 | Rx11 | -5460.1 | 5639762.8 | 58.1 | | | | | | 58.5 | | | | | |
| Somerset 084 | Rx11 | -5450 | 5639762.3 | 57.9 | | | | | | 58.4 | | | | | |
| Somerset 085 | Rx11 | -5437.9 | 5639761.8 | 58.2 | | | | | | 58.6 | | | | | |
| Somerset 086 | Rx11 | -5427.3 | 5639761.3 | 57.9 | | | | | | 58.3 | | | | | |
| Somerset 087 | Rx11 | -5416 | 5639760.8 | 57.0 | | | | | | 57.4 | | | | | |
| Somerset 088 | Rx11 | -5402.5 | 5639760.2 | 58.9 | | | | | | 59.3 | | 59.3 | | | |
| Somerset 089 | Rx11 | -5392.8 | 5639759.8 | 62.6 | | | | | | 63.0 | | 62.9 | | | |
| Somerset 090 | Rx11 | -5380.5 | 5639759.3 | 64.1 | | | | | | 64.4 | | 64.4 | | | |
| Somerset 091 | Rx11 | -5372.4 | 5639758.9 | 63.9 | | | | | | 64.2 | | 64.2 | | | |
| Somerset 092 | Rx11 | -5360.6 | 5639758.4 | 64.3 | | | | | | 64.6 | | 64.4 | | | |
| Somerset 093 | Rx11 | -5348.8 | 5639757.9 | 64.3 | | | | | | 64.6 | | 64.0 | | | |
| Somerset 094 | Rx11 | -5338.5 | 5639757.5 | 64.7 | | | | | | 65.0 | | 59.8 | | | |
| Somerset 095 | Rx11 | -5325.6 | 5639756.9 | 64.7 | | | | | | 65.1 | 0.1 | 59.7 | | | |
| Somerset 096 | Rx11 | -5316.5 | 5639756.5 | 64.9 | | | | | | 65.3 | 0.3 | 61.7 | | | |
| Somerset 097 | Rx11 | -5303.5 | 5639755.9 | 64.7 | | | | | | 65.1 | 0.1 | 61.2 | | | |
| Somerset 098 | Rx11 | -5293.7 | 5639755.5 | 64.5 | | | | | | 64.9 | | 64.8 | | | |
| Somerset 099 | Rx11 | -5281.6 | 5639755 | 64.4 | | | | | | 64.7 | | 64.7 | | | |
| Somerset 100 | Rx11 | -5270.9 | 5639754.5 | 64.5 | | | | | | 64.8 | | 64.9 | | | |
| Somerset 101 | Rx11 | -5256.4 | 5639759.3 | 63.6 | | | | | | 64.0 | | 64.0 | | | |
| Somerset 102 | Rx11 | -5245.5 | 5639762.8 | 63.1 | | | | | | 63.4 | | 63.4 | | | |
| Somerset 103 | Rx11 | -5232.4 | 5639767.1 | 62.4 | | | | | | 62.8 | | | | | |
| Somerset 104 | Rx11 | -5224.4 | 5639769.8 | 62.6 | | | | | | 62.9 | | | | | |
| Somerset 105 | Rx11 | -5213.4 | 5639773.4 | 62.6 | | | | | | 62.9 | | | | | |
| Somerset 106 | Rx11 | -5198.9 | 5639778.1 | 61.8 | | | | | | 62.1 | | | | | |
| Somerset 107 | Rx11 | -5185.6 | 5639783.1 | 60.7 | | | | | | 61.0 | | | | | |
| Somerset 108 | Rx11 | -5164.4 | 5639801.8 | 60.0 | | | | | | 60.4 | | | | | |
| Somerset 109 | Rx11 | -4968.9 | 5639881.2 | 58.5 | | | | | | 59.0 | | | | | |
| Somerset 110 | Rx11 | -4969.9 | 5639786 | 60.6 | | | | | | 61.0 | | | | | |
| Somerset 111 | Rx11 | -4787.4 | 5639716.7 | 62.5 | | | | | | 62.7 | | | | | |
| Silverado 01 | Rx12 | -6404.6 | 5639337.7 | 56.1 | | | | | | 56.5 | | | | | |
| Silverado 02 | Rx12 | -6332.9 | 5639379.4 | 58.0 | | | | | | 58.4 | | | | | |
| Silverado 03 | Rx12 | -6302.3 | 5639375.3 | 57.8 | | | | | | 58.1 | | | | | |
| Silverado 04 | Rx12 | -6279.8 | 5639372.3 | 56.8 | | | | | | 57.2 | | | | | |
| Silverado 05 | Rx12 | -6253.7 | 5639368.7 | 56.4 | | | | | | 56.8 | | | | | |
| Silverado 06 | Rx12 | -6228.1 | 5639365 | 56.2 | | | | | | 56.5 | | | | | |
| Silverado 07 | Rx12 | -6152 | 5639355.1 | 55.3 | | | | | | 55.6 | | | | | |
| Silverado 08 | Rx12 | -6099.1 | 5639347.6 | 57.2 | | | | | | 57.5 | | | | | |

SWCRR Segment 3 Noise Prediction Results
BKL Consultants Ltd.
February 2018

Colour Key
64 < Leq24 ≤ 65
Leq24 > 65

2030 Forecast Year

| Receiver | | Coordinates | | 2030 Traffic - Mainline Trucks 8%, Cross streets and ramps 5% | | | | | | 2030 Traffic - All Roads 8.4% | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | No Mitigation | | With Mitigation TUC alignment | | With Mitigation Top of Berm alignment | | No Mitigation | | With Mitigation TUC alignment | | With Mitigation Top of Berm alignment | |
| Name | Group | Easting (m) | Northing (m) | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA |
| Silverado 09 | Rx12 | -6086.3 | 5639345.7 | 57.2 | | | | | | 57.4 | | | | | |
| Silverado 10 | Rx12 | -6074.1 | 5639344 | 57.3 | | | | | | 57.6 | | | | | |
| Silverado 11 | Rx12 | -6060.7 | 5639342.1 | 57.1 | | | | | | 57.4 | | | | | |
| Silverado 12 | Rx12 | -6047.9 | 5639340.4 | 57.1 | | | | | | 57.4 | | | | | |
| Silverado 13 | Rx12 | -6036.2 | 5639338.8 | 57.0 | | | | | | 57.3 | | | | | |
| Silverado 14 | Rx12 | -6025.7 | 5639337.3 | 57.4 | | | | | | 57.7 | | | | | |
| Silverado 15 | Rx12 | -6014.8 | 5639335.8 | 56.8 | | | | | | 57.0 | | | | | |
| Silverado 16 | Rx12 | -6003 | 5639334.2 | 57.3 | | | | | | 57.6 | | | | | |
| Silverado 17 | Rx12 | -5990.7 | 5639332.5 | 57.2 | | | | | | 57.4 | | | | | |
| Silverado 18 | Rx12 | -5979.8 | 5639331 | 57.5 | | | | | | 57.7 | | | | | |
| Silverado 19 | Rx12 | -5967.1 | 5639329.3 | 57.6 | | | | | | 57.9 | | | | | |
| Silverado 20 | Rx12 | -5955.7 | 5639327.8 | 57.7 | | | | | | 57.9 | | | | | |
| Silverado 21 | Rx12 | -5944.1 | 5639326.2 | 57.7 | | | | | | 57.9 | | | | | |
| Silverado 22 | Rx12 | -5931.9 | 5639324.6 | 57.6 | | | | | | 57.9 | | | | | |
| Silverado 23 | Rx12 | -5920.5 | 5639323.1 | 57.2 | | | | | | 57.4 | | | | | |
| Silverado 24 | Rx12 | -5908.7 | 5639321.3 | 57.4 | | | | | | 57.7 | | | | | |
| Silverado 25 | Rx12 | -5896.2 | 5639319.6 | 57.4 | | | | | | 57.7 | | | | | |
| Silverado 26 | Rx12 | -5883.9 | 5639317.8 | 57.7 | | | | | | 57.9 | | | | | |
| Silverado 27 | Rx12 | -5873.7 | 5639316.3 | 57.7 | | | | | | 57.9 | | | | | |
| Silverado 28 | Rx12 | -5860.9 | 5639314.4 | 57.7 | | | | | | 58.0 | | | | | |
| Silverado 29 | Rx12 | -5846.3 | 5639312.5 | 57.6 | | | | | | 57.8 | | | | | |
| Silverado 30 | Rx12 | -5822 | 5639296.4 | 56.0 | | | | | | 56.3 | | | | | |
| Silverado 31 | Rx12 | -5818.5 | 5639272.8 | 55.4 | | | | | | 55.6 | | | | | |
| Silverado 32 | Rx12 | -5818.6 | 5639256.8 | 53.5 | | | | | | 53.7 | | | | | |
| Silverado 33 | Rx12 | -5818.7 | 5639245.2 | 52.6 | | | | | | 52.9 | | | | | |
| Silverado 34 | Rx12 | -5818.7 | 5639233.4 | 52.1 | | | | | | 52.3 | | | | | |
| Silverado 35 | Rx12 | -5819.1 | 5639221.8 | 51.9 | | | | | | 52.2 | | | | | |
| Silverado 36 | Rx12 | -5821.8 | 5639195.3 | 50.2 | | | | | | 50.4 | | | | | |
| Silverado 37 | Rx12 | -5824.6 | 5639181.3 | 50.3 | | | | | | 50.6 | | | | | |
| Silverado 38 | Rx12 | -5827.4 | 5639169 | 50.1 | | | | | | 50.3 | | | | | |
| Silverado 39 | Rx12 | -5831.8 | 5639155.5 | 49.8 | | | | | | 50.0 | | | | | |
| Silverado 40 | Rx12 | -5834.9 | 5639147 | 49.4 | | | | | | 49.6 | | | | | |
| Silverado 41 | Rx12 | -5840.1 | 5639134.6 | 49.7 | | | | | | 49.9 | | | | | |
| Silverado 42 | Rx12 | -5844.6 | 5639125.5 | 48.5 | | | | | | 48.8 | | | | | |
| Silverado 43 | Rx12 | -5838.8 | 5639118.2 | 51.6 | | | | | | 51.9 | | | | | |
| Silverado 44 | Rx12 | -5828.5 | 5639112.9 | 53.1 | | | | | | 53.3 | | | | | |
| Silverado 45 | Rx12 | -5820 | 5639108.2 | 53.6 | | | | | | 53.8 | | | | | |
| Silverado 46 | Rx12 | -5808 | 5639101.8 | 53.5 | | | | | | 53.8 | | | | | |
| Silverado 47 | Rx12 | -5799.7 | 5639099.4 | 53.5 | | | | | | 53.8 | | | | | |
| Silverado 48 | Rx12 | -5788.3 | 5639099.5 | 53.5 | | | | | | 53.8 | | | | | |
| Silverado 49 | Rx12 | -5776.3 | 5639099.6 | 53.3 | | | | | | 53.6 | | | | | |
| Silverado 50 | Rx12 | -5764.4 | 5639099.5 | 52.8 | | | | | | 53.1 | | | | | |
| Silverado 51 | Rx12 | -5751.6 | 5639099.5 | 52.3 | | | | | | 52.6 | | | | | |
| Silverado 52 | Rx12 | -5738.7 | 5639099.5 | 52.2 | | | | | | 52.5 | | | | | |
| Silverado 53 | Rx12 | -5727 | 5639099.6 | 52.2 | | | | | | 52.5 | | | | | |
| Silverado 54 | Rx12 | -5712.2 | 5639099.5 | 52.0 | | | | | | 52.3 | | | | | |
| Silverado 55 | Rx12 | -5700.3 | 5639099.5 | 51.6 | | | | | | 51.9 | | | | | |
| Silverado 56 | Rx12 | -5688.1 | 5639099.5 | 51.7 | | | | | | 51.9 | | | | | |
| Silverado 57 | Rx12 | -5677.1 | 5639099.5 | 50.9 | | | | | | 51.2 | | | | | |
| Silverado 58 | Rx12 | -5663.2 | 5639099.6 | 51.1 | | | | | | 51.4 | | | | | |
| Silverado 59 | Rx12 | -5651.8 | 5639099.6 | 51.1 | | | | | | 51.4 | | | | | |
| Silverado 60 | Rx12 | -5637.6 | 5639099.6 | 51.1 | | | | | | 51.4 | | | | | |
| Silverado 61 | Rx12 | -5627.4 | 5639099.6 | 51.1 | | | | | | 51.4 | | | | | |
| Silverado 62 | Rx12 | -5614.4 | 5639099.5 | 50.8 | | | | | | 51.1 | | | | | |
| Silverado 63 | Rx12 | -5602.2 | 5639099.5 | 50.8 | | | | | | 51.1 | | | | | |
| Silverado 64 | Rx12 | -5565.9 | 5639099.4 | 49.7 | | | | | | 50.0 | | | | | |
| Silverado 65 | Rx12 | -5518.2 | 5639099.3 | 51.4 | | | | | | 51.8 | | | | | |
| Silverado 66 | Rx12 | -5494.6 | 5639099.4 | 51.5 | | | | | | 51.8 | | | | | |
| Silverado 67 | Rx12 | -5451.7 | 5639099.4 | 50.3 | | | | | | 50.7 | | | | | |
| Silverado 68 | Rx12 | -5423.8 | 5639099.5 | 50.5 | | | | | | 50.8 | | | | | |
| Silverado 69 | Rx12 | -5404.9 | 5639099.3 | 51.1 | | | | | | 51.5 | | | | | |
| Silverado 70 | Rx12 | -5385.7 | 5639099.4 | 50.9 | | | | | | 51.2 | | | | | |
| Silverado 71 | Rx12 | -5374.1 | 5639099.5 | 50.8 | | | | | | 51.1 | | | | | |
| Silverado 72 | Rx12 | -5361.9 | 5639099.5 | 50.3 | | | | | | 50.5 | | | | | |
| Silverado 73 | Rx12 | -5350.2 | 5639099.4 | 50.4 | | | | | | 50.6 | | | | | |
| Silverado 74 | Rx12 | -5338.9 | 5639099.5 | 49.8 | | | | | | 50.1 | | | | | |
| Silverado 75 | Rx12 | -5326.3 | 5639099.4 | 49.6 | | | | | | 49.9 | | | | | |
| Silverado 76 | Rx12 | -5312.9 | 5639099.4 | 49.2 | | | | | | 49.5 | | | | | |
| Silverado 77 | Rx12 | -5290.5 | 5639096.8 | 50.5 | | | | | | 50.8 | | | | | |
| Silverado 78 | Rx12 | -5211.5 | 5639119.7 | 53.7 | | | | | | 54.1 | | | | | |
| Silverado 79 | Rx12 | -5160.2 | 5639119.7 | 55.1 | | | | | | 55.6 | | | | | |
| Silverado 80 | Rx12 | -5149.6 | 5639119.6 | 55.6 | | | | | | 56.1 | | | | | |
| Silverado 81 | Rx12 | -5136.1 | 5639119.7 | 56.0 | | | | | | 56.5 | | | | | |
| Silverado 82 | Rx12 | -5126.4 | 5639119.6 | 56.7 | | | | | | 57.3 | | | | | |
| Silverado 83 | Rx12 | -5114.4 | 5639119.6 | 57.2 | | | | | | 57.8 | | | | | |
| Silverado 84 | Rx12 | -5102.3 | 5639119.6 | 57.7 | | | | | | 58.3 | | | | | |
| Silverado 85 | Rx12 | -5078.6 | 5639119.6 | 61.3 | | | | | | 62.1 | | | | | |
| Sundance 01 | Rx13 | -4004.3 | 5640331.3 | 65.1 | 0.1 | 59.9 | | | | 65.2 | 0.2 | 59.2 | | | |
| Sundance 02 | Rx13 | -3951.3 | 5640243.1 | 67.5 | 2.5 | 63.1 | | | | 67.7 | 2.7 | 61.9 | | | |
| Sundance 03 | Rx13 | -3924.3 | 5640194 | 67.5 | 2.5 | 63.7 | | | | 67.6 | 2.6 | 62.3 | | | |
| Sundance 04 | Rx13 | -3914.8 | 5640181.8 | 66.2 | 1.2 | 63.4 | | | | 66.4 | 1.4 | 62.3 | | | |
| Sundance 05 | Rx13 | -3905.5 | 5640182.3 | 66.2 | 1.2 | 64.4 | | | | 66.4 | 1.4 | 63.2 | | | |
| Sundance 06 | Rx13 | -3897.9 | 5640179.2 | 66.0 | 1.0 | 64.8 | | | | 66.2 | 1.2 | 63.6 | | | |
| Sundance 07 | Rx13 | -3891 | 5640170.9 | 65.7 | 0.7 | 64.9 | | | | 65.9 | 0.9 | 63.6 | | | |
| Sundance 08 | Rx13 | -3889.8 | 5640160.2 | 66.0 | 1.0 | 64.9 | | | | 66.2 | 1.2 | 63.6 | | | |
| Sundance 09 | Rx13 | -3892.5 | 5640136.9 | 66.8 | 1.8 | 63.6 | | | | 66.9 | 1.9 | 62.6 | | | |
| Sundance 10 | Rx13 | -3886.7 | 5640127.5 | 66.7 | 1.7 | 63.2 | | | | 66.9 | 1.9 | 62.3 | | | |
| Sundance 11 | Rx13 | -3875.6 | 5640111.2 | 66.1 | 1.1 | 63.2 | | | | 66.3 | 1.3 | 63.1 | | | |
| Sundance 12 | Rx13 | -3859.2 | 5640091.8 | 66.4 | 1.4 | 64.6 | | | | 66.6 | 1.6 | 64.7 | | | |
| Sundance 13 | Rx13 | -3812 | 5640041.9 | 63.4 | | 63.5 | | | | 63.7 | | 63.7 | | | |
| Sundance 14 | Rx13 | -3800.7 | 5640033.4 | 63.9 | | 63.9 | | | | 64.1 | | 64.1 | | | |
| Sundance 15 | Rx13 | -3751.1 | 5640008 | 63.1 | | | | | | 63.4 | | | | | |
| Sundance 16 | Rx13 | -3741.2 | 5640001.2 | 63.2 | | | | | | 63.5 | | | | | |
| Sundance 17 | Rx13 | -3728.4 | 5639992.4 | 62.5 | | | | | | 62.8 | | | | | |
| Sundance 18 | Rx13 | -3721.6 | 5639987.7 | 62.2 | | | | | | 62.5 | | | | | |
| Sundance 19 | Rx13 | -3709.1 | 5639979.1 | 62.1 | | | | | | 62.4 | | | | | |
| Sundance 20 | Rx13 | -3696.7 | 5639971.5 | 61.9 | | | | | | 62.2 | | | | | |
| Sundance 21 | Rx13 | -3685.4 | 5639966.5 | 61.1 | | | | | | 61.4 | | | | | |
| Sundance 22 | Rx13 | -3667.2 | 5639961.4 | 59.0 | | | | | | 59.4 | | | | | |
| Sundance 23 | Rx13 | -3657.7 | 5639960.2 | 58.4 | | | | | | 58.8 | | | | | |
| Sundance 24 | Rx13 | -3675.9 | 5639927.6 | 62.4 | | | | | | 62.8 | | | | | |
| Sundance 25 | Rx13 | -3661.7 | 5639921.7 | 62.8 | | | | | | 63.1 | | | | | |
| Sundance 26 | Rx13 | -3650.6 | 5639919 | 62.7 | | | | | | 63.0 | | | | | |
| Sundance 27 | Rx13 | -3638.5 | 5639910.8 | 62.8 | | | | | | 63.2 | | | | | |
| Sundance 28 | Rx13 | -3629.5 | 5639904.7 | 62.7 | | | | | | 63.0 | | | | | |
| Sundance 29 | Rx13 | -3617.2 | 5639897 | 62.6 | | | | | | 62.9 | | | | | |
| Sundance 30 | Rx13 | -3601.5 | 5639877.4 | 63.1 | | | | | | 63.4 | | | | | |
| Sundance 31 | Rx13 | -3555.7 | 5639863.2 | 62.0 | | | | | | 62.3 | | | | | |
| Sundance 32 | Rx13 | -3520.1 | 5639839 | 62.8 | | | | | | 63.1 | | | | | |
| Sundance 33 | Rx13 | -3512.4 | 5639834 | 62.8 | | | | | | 63.2 | | | | | |
| Sundance 34 | Rx13 | -3499.3 | 5639825.2 | 62.7 | | | | | | 63.1 | | | | | |
| Sundance 35 | Rx13 | -3490.3 | 5639819.8 | 62.6 | | | | | | 62.9 | | | | | |

SWCRR Segment 3 Noise Prediction Results
BKL Consultants Ltd.
February 2018

Colour Key
64 < Leq24 ≤ 65
Leq24 > 65

2030 Forecast Year

| Receiver | | Coordinates | | 2030 Traffic - Mainline Trucks 8%, Cross streets and ramps 5% | | | | | | 2030 Traffic - All Roads 8.4% | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | No Mitigation | | With Mitigation TUC alignment | | With Mitigation Top of Berm alignment | | No Mitigation | | With Mitigation TUC alignment | | With Mitigation Top of Berm alignment | |
| Name | Group | Easting (m) | Northing (m) | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA |
| Sundance 36 | Rx13 | -3477.1 | 5639812.2 | 62.9 | | | | | | 63.3 | | | | | |
| Sundance 37 | Rx13 | -3467.2 | 5639806.7 | 63.0 | | | | | | 63.3 | | | | | |
| Sundance 38 | Rx13 | -3454 | 5639800 | 63.1 | | | | | | 63.4 | | | | | |
| Sundance 39 | Rx13 | -3443.9 | 5639795.5 | 63.1 | | | | | | 63.4 | | | | | |
| Sundance 40 | Rx13 | -3427.5 | 5639788.6 | 63.2 | | | | | | 63.5 | | | | | |
| Sundance 41 | Rx13 | -3419 | 5639785.4 | 63.4 | | | | | | 63.7 | | | | | |
| Sundance 42 | Rx13 | -3388 | 5639775.4 | 63.6 | | | | | | 63.9 | | | | | |
| Sundance 43 | Rx13 | -3330.4 | 5639758.9 | 64.0 | | | | | | 64.3 | | | | | |
| Sundance 44 | Rx13 | -3275.6 | 5639707.7 | 64.3 | | 60.3 | | 62.9 | | 64.6 | | 60.6 | | 63.2 | |
| Sundance 45 | Rx13 | -3255.4 | 5639707.5 | 65.5 | 0.5 | 60.0 | | 62.6 | | 65.7 | 0.7 | 60.2 | | 62.9 | |
| Sundance 46 | Rx13 | -3236.5 | 5639706.8 | 64.5 | | 58.8 | | 61.1 | | 64.8 | | 59.1 | | 61.3 | |
| Sundance 47 | Rx13 | -3192 | 5639705.2 | 64.5 | | 60.8 | | 60.4 | | 64.8 | | 61.0 | | 60.7 | |
| Sundance 48 | Rx13 | -3137 | 5639722.1 | 65.3 | 0.3 | 64.5 | | 62.4 | | 65.5 | 0.5 | 64.6 | | 62.7 | |
| Sundance 49 | Rx13 | -3095.1 | 5639720.7 | 65.0 | | 63.9 | | 63.6 | | 65.1 | 0.1 | 64.1 | | 63.8 | |
| Sundance 50 | Rx13 | -3043.1 | 5639718.8 | 65.0 | | 64.9 | | 64.9 | | 65.1 | 0.1 | 65.0 | | 65.0 | |
| Sundance 51 | Rx13 | -2999.6 | 5639717.3 | 64.8 | | 64.8 | | 64.8 | | 64.9 | | 64.9 | | 65.0 | |
| Sundance 52 | Rx13 | -2953.4 | 5639715.7 | 64.8 | | 64.8 | | 64.8 | | 64.9 | | 64.9 | | 64.9 | |
| Sundance 53 | Rx13 | -2775.4 | 5639712.1 | 63.2 | | 63.2 | | 63.2 | | 63.3 | | 63.3 | | 63.3 | |
| Chaparral 01 | Rx14 | -3375.2 | 5638570.1 | 60.6 | | | | | | 60.7 | | | | | |
| Chaparral 02 | Rx14 | -3385 | 5638594.7 | 62.0 | | | | | | 62.1 | | | | | |
| Chaparral 03 | Rx14 | -3391.5 | 5638611.1 | 62.8 | | | | | | 62.9 | | | | | |
| Chaparral 04 | Rx14 | -3396.1 | 5638623.2 | 63.3 | | | | | | 63.4 | | | | | |
| Chaparral 05 | Rx14 | -3400.1 | 5638633.3 | 63.7 | | | | | | 63.8 | | | | | |
| Chaparral 06 | Rx14 | -3403.5 | 5638641.8 | 63.4 | | | | | | 63.5 | | | | | |
| Chaparral 07 | Rx14 | -3408.1 | 5638653.2 | 63.0 | | | | | | 63.1 | | | | | |
| Chaparral 08 | Rx14 | -3411.5 | 5638661.8 | 63.1 | | | | | | 63.2 | | | | | |
| Chaparral 09 | Rx14 | -3416.3 | 5638674.1 | 63.2 | | | | | | 63.3 | | | | | |
| Chaparral 10 | Rx14 | -3420 | 5638683.8 | 62.3 | | | | | | 62.4 | | | | | |
| Chaparral 11 | Rx14 | -3422.8 | 5638707.5 | 63.1 | | | | | | 63.2 | | | | | |
| Chaparral 12 | Rx14 | -3424.6 | 5638723.2 | 62.3 | | | | | | 62.4 | | | | | |
| Chaparral 13 | Rx14 | -3452.4 | 5638803.4 | 61.9 | | | | | | 62.1 | | | | | |
| Chaparral 14 | Rx14 | -3458 | 5638819.2 | 61.8 | | | | | | 62.0 | | | | | |
| Chaparral 15 | Rx14 | -3463.7 | 5638835.1 | 62.8 | | | | | | 63.0 | | | | | |
| Chaparral 16 | Rx14 | -3467.7 | 5638846.3 | 63.3 | | | | | | 63.5 | | | | | |
| Chaparral 17 | Rx14 | -3471 | 5638855.7 | 63.5 | | | | | | 63.6 | | | | | |
| Chaparral 18 | Rx14 | -3477 | 5638872.6 | 63.2 | | | | | | 63.4 | | | | | |
| Chaparral 19 | Rx14 | -3481.3 | 5638884.6 | 63.3 | | | | | | 63.5 | | | | | |
| Chaparral 20 | Rx14 | -3484.9 | 5638894.9 | 63.0 | | | | | | 63.2 | | | | | |
| Chaparral 21 | Rx14 | -3491.3 | 5638913 | 62.7 | | | | | | 62.9 | | | | | |
| Chaparral 22 | Rx14 | -3497.3 | 5638929.8 | 63.2 | | | | | | 63.4 | | | | | |
| Chaparral 23 | Rx14 | -3510.7 | 5638967.7 | 63.5 | | | | | | 63.7 | | | | | |
| Chaparral 24 | Rx14 | -3515.8 | 5638981.8 | 63.0 | | | | | | 63.2 | | | | | |
| Chaparral 25 | Rx14 | -3522.5 | 5639000.7 | 63.2 | | | | | | 63.4 | | | | | |
| Chaparral 26 | Rx14 | -3527.1 | 5639013.9 | 64.6 | | | | | | 64.8 | | | | | |
| Chaparral 27 | Rx14 | -3529.5 | 5639024.5 | 64.3 | | | | | | 64.5 | | | | | |
| Chaparral 28 | Rx14 | -3531.8 | 5639035.4 | 64.0 | | | | | | 64.2 | | | | | |
| Chaparral 29 | Rx14 | -3534.2 | 5639047.2 | 63.6 | | | | | | 63.8 | | | | | |
| Chaparral 30 | Rx14 | -3536.7 | 5639059.4 | 62.5 | | | | | | 62.7 | | | | | |
| Chaparral 31 | Rx14 | -3538.7 | 5639068.8 | 64.0 | | | | | | 64.2 | | | | | |
| Chaparral 32 | Rx14 | -3542.3 | 5639086.5 | 64.1 | | | | | | 64.4 | | | | | |
| Chaparral 33 | Rx14 | -3548 | 5639114 | 63.3 | | | | | | 63.5 | | | | | |
| Chaparral 34 | Rx14 | -3521.7 | 5639119.4 | 64.2 | | | | | | 64.4 | | | | | |
| Chaparral 35 | Rx14 | -3509 | 5639126.9 | 59.0 | | | | | | 59.3 | | | | | |
| Chaparral 36 | Rx14 | -3512.2 | 5639162.4 | 61.5 | | | | | | 61.7 | | | | | |
| Chaparral 37 | Rx14 | -3512.1 | 5639186.1 | 62.7 | | | | | | 62.9 | | | | | |
| Chaparral 38 | Rx14 | -3510.6 | 5639204.2 | 61.5 | | | | | | 61.7 | | | | | |
| Chaparral 39 | Rx14 | -3508 | 5639222.5 | 60.7 | | | | | | 61.0 | | | | | |
| Chaparral 40 | Rx14 | -3505 | 5639238.2 | 61.3 | | | | | | 61.5 | | | | | |
| Chaparral 41 | Rx14 | -3484.5 | 5639248.9 | 63.8 | | | | | | 64.2 | | | | | |
| Chaparral 42 | Rx14 | -3470.1 | 5639252.4 | 63.7 | | | | | | 64.0 | | | | | |
| Chaparral 43 | Rx14 | -3458.3 | 5639255.2 | 63.1 | | | | | | 63.5 | | | | | |
| Chaparral 44 | Rx14 | -3447.8 | 5639257.8 | 62.9 | | | | | | 63.2 | | | | | |
| Chaparral 45 | Rx14 | -3436 | 5639260.6 | 62.3 | | | | | | 62.6 | | | | | |
| Chaparral 46 | Rx14 | -3423.8 | 5639263.6 | 62.0 | | | | | | 62.3 | | | | | |
| Chaparral 47 | Rx14 | -3411.8 | 5639266.5 | 61.8 | | | | | | 62.1 | | | | | |
| Chaparral 48 | Rx14 | -3402.1 | 5639268.8 | 61.9 | | | | | | 62.1 | | | | | |
| Chaparral 49 | Rx14 | -3388.7 | 5639272 | 61.5 | | | | | | 61.7 | | | | | |
| Chaparral 50 | Rx14 | -3378.3 | 5639274.5 | 61.1 | | | | | | 61.4 | | | | | |
| Chaparral 51 | Rx14 | -3249.5 | 5639275.1 | 60.1 | | | | | | 60.3 | | | | | |
| Chaparral 52 | Rx14 | -3231.1 | 5639275.1 | 59.6 | | | | | | 59.8 | | | | | |
| Chaparral 53 | Rx14 | -3222.7 | 5639275.1 | 59.3 | | | | | | 59.5 | | | | | |
| Chaparral 54 | Rx14 | -3200 | 5639275.1 | 59.6 | | | | | | 59.8 | | | | | |
| Chaparral 55 | Rx14 | -3186.7 | 5639275.1 | 59.3 | | | | | | 59.5 | | | | | |
| Chaparral 56 | Rx14 | -3173.7 | 5639275.1 | 58.8 | | | | | | 59.0 | | | | | |
| Chaparral 57 | Rx14 | -3165.6 | 5639275.1 | 58.6 | | | | | | 58.8 | | | | | |
| Chaparral 58 | Rx14 | -3154.7 | 5639275.1 | 58.3 | | | | | | 58.5 | | | | | |
| Chaparral 59 | Rx14 | -3143.8 | 5639275.1 | 57.9 | | | | | | 58.1 | | | | | |
| Chaparral 60 | Rx14 | -3129.2 | 5639275.1 | 58.1 | | | | | | 58.3 | | | | | |
| Chaparral 61 | Rx14 | -3121.1 | 5639275.1 | 58.2 | | | | | | 58.4 | | | | | |
| Chaparral 62 | Rx14 | -3107.3 | 5639275.1 | 58.2 | | | | | | 58.4 | | | | | |
| Chaparral 63 | Rx14 | -3098 | 5639275.1 | 58.1 | | | | | | 58.3 | | | | | |
| Chaparral 64 | Rx14 | -3084.2 | 5639275.1 | 58.3 | | | | | | 58.5 | | | | | |
| Chaparral 65 | Rx14 | -3074.5 | 5639275.1 | 58.3 | | | | | | 58.5 | | | | | |
| Chaparral 66 | Rx14 | -3058.3 | 5639275.1 | 58.4 | | | | | | 58.6 | | | | | |
| Chaparral 67 | Rx14 | -3028 | 5639275 | 57.4 | | | | | | 57.6 | | | | | |
| Chaparral 68 | Rx14 | -2870 | 5639275 | 57.6 | | | | | | 57.8 | | | | | |
| Chaparral 69 | Rx14 | -2848.4 | 5639275 | 57.6 | | | | | | 57.7 | | | | | |
| Chaparral 70 | Rx14 | -2832.8 | 5639275 | 57.4 | | | | | | 57.6 | | | | | |
| Chaparral 71 | Rx14 | -2821.9 | 5639275 | 57.3 | | | | | | 57.4 | | | | | |
| Chaparral 72 | Rx14 | -2810.3 | 5639275 | 57.3 | | | | | | 57.5 | | | | | |
| Chaparral 73 | Rx14 | -2797.2 | 5639275 | 57.4 | | | | | | 57.5 | | | | | |
| Chaparral 74 | Rx14 | -2785.6 | 5639275 | 57.2 | | | | | | 57.3 | | | | | |
| Chaparral 75 | Rx14 | -2767.9 | 5639275 | 57.2 | | | | | | 57.4 | | | | | |
| Chaparral 76 | Rx14 | -2750.6 | 5639275 | 57.1 | | | | | | 57.2 | | | | | |

SWCRR Segment 3 Noise Prediction Results
BKL Consultants Ltd.
February 2018

Colour Key
64 < Leq24 ≤ 65
Leq24 > 65

2025 Forecast Year

| Receiver | | Coordinates | | 2025 Traffic - Mainline Trucks 8%, Cross streets and ramps 5% | | | | | | 2025 Traffic - All Roads 8.4% | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | No Mitigation | | With Mitigation TUC alignment | | With Mitigation Top of Berm alignment | | No Mitigation | | With Mitigation TUC alignment | | With Mitigation Top of Berm alignment | |
| Name | Group | Easting | Northing | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance | Leq24 | Exceedance |
| | | (m) | (m) | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA | dBA |
| Evergreen 100 | Rx09 | -8979.8 | 5641943.9 | 63.4 | | | | | | 63.5 | | | | | |
| Evergreen 101 | Rx09b | -8974 | 5641913.4 | 64.3 | | | | | | 64.4 | | | | | |
| Evergreen 102 | Rx09b | -8970.1 | 5641892.7 | 63.2 | | | | | | 63.3 | | | | | |
| Evergreen 103 | Rx09b | -8961 | 5641854.3 | 62.9 | | | | | | 63.0 | | | | | |
| Evergreen 104 | Rx09b | -8957.6 | 5641836 | 63.3 | | | | | | 63.4 | | | | | |
| Evergreen 105 | Rx09b | -8955.1 | 5641822.3 | 63.6 | | | | | | 63.7 | | | | | |
| Evergreen 106 | Rx09b | -8953.1 | 5641811.4 | 63.5 | | | | | | 63.6 | | | | | |
| Evergreen 107 | Rx09b | -8951.5 | 5641802 | 63.5 | | | | | | 63.6 | | | | | |
| Evergreen 108 | Rx09b | -8950 | 5641793.6 | 63.2 | | | | | | 63.3 | | | | | |
| Evergreen 109 | Rx09b | -8947.6 | 5641780.5 | 63.0 | | | | | | 63.1 | | | | | |
| Evergreen 110 | Rx09b | -8946 | 5641771.5 | 63.2 | | | | | | 63.3 | | | | | |
| Evergreen 111 | Rx09b | -8944.3 | 5641762 | 63.1 | | | | | | 63.2 | | | | | |
| Evergreen 112 | Rx09b | -8942.5 | 5641751.8 | 63.2 | | | | | | 63.3 | | | | | |
| Evergreen 113 | Rx09b | -8940.7 | 5641741.6 | 63.1 | | | | | | 63.2 | | | | | |
| Evergreen 114 | Rx09b | -8939.1 | 5641733 | 62.7 | | | | | | 62.8 | | | | | |
| Evergreen 115 | Rx09b | -8936.9 | 5641719.9 | 63.0 | | | | | | 63.1 | | | | | |
| Evergreen 116 | Rx09b | -8933.7 | 5641701.5 | 63.1 | | | | | | 63.2 | | | | | |
| Evergreen 117 | Rx09b | -8931.9 | 5641690.5 | 62.8 | | | | | | 62.9 | | | | | |
| Evergreen 118 | Rx09b | -8930.6 | 5641682.9 | 62.7 | | | | | | 62.8 | | | | | |
| Evergreen 119 | Rx09b | -8928.4 | 5641669.4 | 62.7 | | | | | | 62.8 | | | | | |
| Evergreen 120 | Rx09b | -8927.3 | 5641662.6 | 62.6 | | | | | | 62.7 | | | | | |
| Evergreen 121 | Rx09b | -8925.5 | 5641650.7 | 62.8 | | | | | | 62.9 | | | | | |
| Evergreen 122 | Rx09b | -8924.2 | 5641642.4 | 62.8 | | | | | | 62.9 | | | | | |
| Evergreen 123 | Rx09b | -8922.6 | 5641631.9 | 62.7 | | | | | | 62.8 | | | | | |
| Evergreen 124 | Rx09b | -8920.8 | 5641620.4 | 62.3 | | | | | | 62.4 | | | | | |
| Evergreen 125 | Rx09b | -8919.6 | 5641611.9 | 62.2 | | | | | | 62.3 | | | | | |
| Evergreen 126 | Rx09b | -8917.9 | 5641600.5 | 61.9 | | | | | | 62.1 | | | | | |
| Evergreen 127 | Rx09b | -8916.5 | 5641590.7 | 61.6 | | | | | | 61.8 | | | | | |
| Evergreen 128 | Rx09b | -8914.2 | 5641574.4 | 61.1 | | | | | | 61.2 | | | | | |
| Evergreen 129 | Rx09b | -8912.9 | 5641564.2 | 60.7 | | | | | | 60.9 | | | | | |
| Evergreen 130 | Rx09b | -8911.6 | 5641554.7 | 60.4 | | | | | | 60.5 | | | | | |
| Evergreen 131 | Rx09b | -8910.4 | 5641545.7 | 60.6 | | | | | | 60.8 | | | | | |
| Evergreen 132 | Rx09b | -8909 | 5641534.8 | 60.3 | | | | | | 60.5 | | | | | |
| Evergreen 133 | Rx09b | -8907.5 | 5641523.4 | 60.1 | | | | | | 60.3 | | | | | |
| Evergreen 134 | Rx09b | -8906.4 | 5641514.1 | 60.3 | | | | | | 60.4 | | | | | |
| Evergreen 135 | Rx09b | -8905.2 | 5641504.4 | 60.0 | | | | | | 60.2 | | | | | |
| Evergreen 136 | Rx09b | -8903.4 | 5641489.3 | 59.9 | | | | | | 60.1 | | | | | |
| Evergreen 137 | Rx09b | -8901 | 5641468.4 | 59.0 | | | | | | 59.2 | | | | | |
| Evergreen 138 | Rx09b | -8897.5 | 5641437.6 | 59.2 | | | | | | 59.4 | | | | | |
| Evergreen 139 | Rx09b | -8894 | 5641416.6 | 58.9 | | | | | | 59.2 | | | | | |
| Evergreen 140 | Rx09b | -8889.8 | 5641398.9 | 59.7 | | | | | | 60.0 | | | | | |
| Evergreen 141 | Rx09b | -8885.5 | 5641384.7 | 59.4 | | | | | | 59.7 | | | | | |
| Evergreen 142 | Rx09b | -8880.8 | 5641371.6 | 59.4 | | | | | | 59.7 | | | | | |
| Evergreen 143 | Rx09b | -8877.7 | 5641364.2 | 59.4 | | | | | | 59.7 | | | | | |
| Evergreen 144 | Rx09b | -8872.6 | 5641352.8 | 59.2 | | | | | | 59.6 | | | | | |
| Evergreen 145 | Rx09b | -8867.9 | 5641343.5 | 59.0 | | | | | | 59.4 | | | | | |
| Evergreen 146 | Rx09b | -8861.7 | 5641332.2 | 59.1 | | | | | | 59.5 | | | | | |
| Evergreen 147 | Rx09b | -8855.5 | 5641322.1 | 59.0 | | | | | | 59.4 | | | | | |
| Evergreen 148 | Rx09b | -8847.8 | 5641310.3 | 58.5 | | | | | | 59.0 | | | | | |
| Evergreen 149 | Rx09b | -8843.9 | 5641304.5 | 58.6 | | | | | | 59.1 | | | | | |
| Evergreen 150 | Rx09b | -8835.6 | 5641292.1 | 59.5 | | | | | | 60.0 | | | | | |
| Evergreen 151 | Rx09b | -8825.6 | 5641277 | 59.0 | | | | | | 59.5 | | | | | |
| Evergreen 152 | Rx09b | -8808.5 | 5641251.5 | 59.3 | | | | | | 59.9 | | | | | |
| Evergreen 153 | Rx09b | -8800.1 | 5641241.5 | 59.5 | | | | | | 60.1 | | | | | |
| Evergreen 154 | Rx09b | -8785.3 | 5641228 | 59.9 | | | | | | 60.7 | | | | | |
| Evergreen 155 | Rx09b | -8768.6 | 5641217.4 | 60.8 | | | | | | 61.7 | | | | | |
| Evergreen 156 | Rx09b | -8756.1 | 5641211.7 | 60.5 | | | | | | 61.5 | | | | | |
| Evergreen 157 | Rx09b | -8746.4 | 5641208.4 | 60.9 | | | | | | 61.9 | | | | | |
| Evergreen 158 | Rx09b | -8733.2 | 5641205.2 | 61.3 | | | | | | 62.3 | | | | | |
| Evergreen 159 | Rx09b | -8723.5 | 5641203.2 | 61.8 | | | | | | 62.9 | | | | | |
| Evergreen 160 | Rx09b | -8711.4 | 5641200.7 | 62.1 | | | | | | 63.1 | | | | | |
| Evergreen 161 | Rx09b | -8702.8 | 5641199.1 | 62.4 | | | | | | 63.4 | | | | | |
| Evergreen 162 | Rx09b | -8688.3 | 5641196.5 | 62.6 | | | | | | 63.6 | | | | | |
| Evergreen 163 | Rx09b | -8678.6 | 5641194.9 | 62.8 | | | | | | 63.9 | | | | | |
| Evergreen 164 | Rx09b | -8661.5 | 5641192.4 | 63.3 | | | | | | 64.3 | | | | | |
| Bridlewood 001 | Rx10 | -8646.1 | 5641121.9 | 62.9 | | | | | | 64.1 | | | | | |
| Bridlewood 002 | Rx10 | -8646.1 | 5641110 | 60.6 | | | | | | 61.7 | | | | | |
| Bridlewood 003 | Rx10 | -8646.2 | 5641097.5 | 59.6 | | | | | | 60.6 | | | | | |
| Bridlewood 004 | Rx10 | -8646.2 | 5641085 | 58.8 | | | | | | 59.8 | | | | | |
| Bridlewood 005 | Rx10 | -8646.2 | 5641076.5 | 58.6 | | | | | | 59.6 | | | | | |
| Bridlewood 006 | Rx10 | -8646.3 | 5641065.2 | 58.6 | | | | | | 59.6 | | | | | |
| Bridlewood 007 | Rx10 | -8646.3 | 5641053.2 | 58.1 | | | | | | 59.1 | | | | | |
| Bridlewood 008 | Rx10 | -8646.3 | 5641040.7 | 58.7 | | | | | | 59.7 | | | | | |
| Bridlewood 009 | Rx10 | -8646.4 | 5641029.7 | 58.4 | | | | | | 59.4 | | | | | |
| Bridlewood 010 | Rx10 | -8646.4 | 5641018.5 | 58.2 | | | | | | 59.1 | | | | | |
| Bridlewood 011 | Rx10 | -8646.4 | 5641007.1 | 58.1 | | | | | | 59.1 | | | | | |
| Bridlewood 012 | Rx10 | -8646.5 | 5640995.1 | 57.9 | | | | | | 58.8 | | | | | |
| Bridlewood 013 | Rx10 | -8646.5 | 5640983.9 | 57.6 | | | | | | 58.5 | | | | | |
| Bridlewood 014 | Rx10 | -8646.6 | 5640946.7 | 57.1 | | | | | | 57.9 | | | | | |
| Bridlewood 015 | Rx10 | -8646.7 | 5640936 | 57.1 | | | | | | 57.9 | | | | | |
| Bridlewood 016 | Rx10 | -8646.7 | 5640924.7 | 57.3 | | | | | | 58.0 | | | | | |
| Bridlewood 017 | Rx10 | -8646.7 | 5640912.9 | 57.0 | | | | | | 57.7 | | | | | |
| Bridlewood 018 | Rx10 | -8646.8 | 5640901.2 | 56.8 | | | | | | 57.5 | | | | | |
| Bridlewood 019 | Rx10 | -8646.8 | 5640890.6 | 56.8 | | | | | | 57.4 | | | | | |
| Bridlewood 020 | Rx10 | -8646.8 | 5640877.8 | 56.3 | | | | | | 57.0 | | | | | |
| Bridlewood 021 | Rx10 | -8646.9 | 5640866.7 | 56.5 | | | | | | 57.1 | | | | | |
| Bridlewood 022 | Rx10 | -8646.9 | 5640854.7 | 56.5 | | | | | | 57.0 | | | | | |
| Bridlewood 023 | Rx10 | -8646.9 | 5640844 | 57.0 | | | | | | 57.5 | | | | | |
| Bridlewood 024 | Rx10 | -8647 | 5640832.2 | 57.1 | | | | | | 57.6 | | | | | |
| Bridlewood 025 | Rx10 | -8647 | 5640822.2 | 56.8 | | | | | | 57.3 | | | | | |
| Bridlewood 026 | Rx10 | -8647.1 | 5640809.8 | 56.6 | | | | | | 57.1 | | | | | |
| Bridlewood 027 | Rx10 | -8647.1 | 5640799.2 | 56.6 | | | | | | 57.1 | | | | | |
| Bridlewood 028 | Rx10 | -8647.1 | 5640785.2 | 56.2 | | | | | | 56.6 | | | | | |
| Bridlewood 029 | Rx10 | -8647.2 | 5640772.6 | 56.9 | | | | | | 57.3 | | | | | |
| Bridlewood 030 | Rx10 | -8647.2 | 5640762.7 | 56.8 | | | | | | 57.2 | | | | | |
| Bridlewood 031 | Rx10 | -8647.2 | 5640750.2 | 56.7 | | | | | | 57.1 | | | | | |
| Bridlewood 032 | Rx10 | -8647.3 | 5640738.6 | 56.8 | | | | | | 57.2 | | | | | |
| Bridlewood 033 | Rx10 | -8647.3 | 5640728 | 57.3 | | | | | | 57.7 | | | | | |
| Bridlewood 034 | Rx10 | -8647.3 | 5640714.8 | 57.2 | | | | | | 57.5 | | | | | |
| Bridlewood 035 | Rx10 | -8647.4 | 5640703.6 | 57.2 | | | | | | 57.6 | | | | | |
| Bridlewood 036 | Rx10 | -8647.4 | 5640691.8 | 57.0 | | | | | | 57.4 | | | | | |
| Bridlewood 037 | Rx10 | -8647.4 | 5640681.5 | 56.9 | | | | | | 57.3 | | | | | |
| Bridlewood 038 | Rx10 | -8647.5 | 5640669.6 | 57.4 | | | | | | 57.7 | | | | | |
| Bridlewood 039 | Rx10 | -8647.5 | 5640657.7 | 57.1 | | | | | | 57.5 | | | | | |
| Bridlewood 040 | Rx10 | -8647.6 | 5640646.2 | 57.3 | | | | | | 57.6 | | | | | |
| Bridlewood 041 | Rx10 | -8647.6 | 5640633 | 57.2 | | | | | | 57.6 | | | | | |
| Bridlewood 042 | Rx10 | -8647.6 | 5640624 | 57.3 | | | | | | 57.7 | | | | | |
| Bridlewood 043 | Rx10 | -8647.7 | 5640611.8 | 57.2 | | | | | | 57.5 | | | | | |
| Bridlewood 044 | Rx10 | -8647.7 | 5640600.9 | 57.6 | | | | | | 57.9 | | | | | |
| Bridlewood 045 | Rx10 | -8647.7 | 5640588.1 | 57.4 | | | | | | 57.7 | | | | | |
| Bridlewood 046 | Rx10 | -8647.8 | 5640552.1 | 58.3 | | | | | | 58.6 | | | | | |
| Bridlewood 047 | Rx10 | -8647.9 | 5640542.4 | 57.2 | | | | | | 57.5 | | | | | |

SWCRR Segment 3 Noise Prediction Results
BKL Consultants Ltd.
February 2018

| Colour Key |
|---|
| 64 < Leq24 ≤ 65 |
| Leq24 > 65 |

2025 Forecast Year

| Receiver | | Coordinates | | 2025 Traffic - Mainline Trucks 8%, Cross streets and ramps 5% | | | | | | 2025 Traffic - All Roads 8.4% | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | No Mitigation | | With Mitigation TUC alignment | | With Mitigation Top of Berm alignment | | No Mitigation | | With Mitigation TUC alignment | | With Mitigation Top of Berm alignment | |
| Name | Group | Easting (m) | Northing (m) | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA |
| Bridlewood 048 | Rx10 | -8647.9 | 5640531.3 | 56.9 | | | | | | 57.2 | | | | | |
| Bridlewood 049 | Rx10 | -8647.9 | 5640521 | 56.7 | | | | | | 57.1 | | | | | |
| Bridlewood 050 | Rx10 | -8648 | 5640507.8 | 57.6 | | | | | | 58.0 | | | | | |
| Bridlewood 051 | Rx10 | -8648 | 5640498.3 | 57.1 | | | | | | 57.4 | | | | | |
| Bridlewood 052 | Rx10 | -8648 | 5640485.3 | 58.0 | | | | | | 58.3 | | | | | |
| Bridlewood 053 | Rx10 | -8648.1 | 5640474 | 57.6 | | | | | | 58.0 | | | | | |
| Bridlewood 054 | Rx10 | -8648.1 | 5640462.7 | 58.1 | | | | | | 58.4 | | | | | |
| Bridlewood 055 | Rx10 | -8648.1 | 5640451.7 | 58.7 | | | | | | 59.0 | | | | | |
| Bridlewood 056 | Rx10 | -8648.2 | 5640440.4 | 57.7 | | | | | | 58.0 | | | | | |
| Bridlewood 057 | Rx10 | -8648.2 | 5640429.9 | 58.4 | | | | | | 58.7 | | | | | |
| Bridlewood 058 | Rx10 | -8648.2 | 5640417.7 | 59.2 | | | | | | 59.5 | | | | | |
| Bridlewood 059 | Rx10 | -8648.3 | 5640407.2 | 59.1 | | | | | | 59.4 | | | | | |
| Bridlewood 060 | Rx10 | -8648.3 | 5640391.5 | 59.3 | | | | | | 59.6 | | | | | |
| Bridlewood 061 | Rx10 | -8642.7 | 5640351.1 | 59.3 | | | | | | 59.5 | | | | | |
| Bridlewood 062 | Rx10 | -8629.6 | 5640325.9 | 59.9 | | | | | | 60.2 | | | | | |
| Bridlewood 063 | Rx10 | -8616 | 5640292.1 | 61.6 | | | | | | 61.9 | | | | | |
| Bridlewood 064 | Rx10 | -8605 | 5640264.9 | 62.2 | | | | | | 62.4 | | | | | |
| Bridlewood 065 | Rx10 | -8596.4 | 5640243.6 | 62.3 | | | | | | 62.5 | | | | | |
| Bridlewood 066 | Rx10 | -8587 | 5640220.3 | 62.7 | | | | | | 62.9 | | | | | |
| Bridlewood 067 | Rx10 | -8578.7 | 5640199.9 | 63.1 | | | | | | 63.3 | | | | | |
| Bridlewood 068 | Rx10 | -8569.6 | 5640177.4 | 63.0 | | | | | | 63.2 | | | | | |
| Bridlewood 069 | Rx10 | -8560.5 | 5640154.7 | 63.9 | | | | | | 64.1 | | | | | |
| Bridlewood 070 | Rx10 | -8551.3 | 5640132 | 64.0 | | | | | | 64.1 | | | | | |
| Bridlewood 071 | Rx10 | -8537.9 | 5640106.5 | 64.6 | | 64.6 | | | | 64.7 | | 64.6 | | | |
| Bridlewood 072 | Rx10 | -8520.4 | 5640086.8 | 64.9 | | 64.9 | | | | 65.1 | 0.1 | 59.1 | | | |
| Bridlewood 073 | Rx10 | -8506.9 | 5640071.7 | 64.2 | | 64.1 | | | | 64.3 | | 58.0 | | | |
| Bridlewood 074 | Rx10 | -8489.5 | 5640052.1 | 65.2 | 0.2 | 58.9 | | | | 65.3 | 0.3 | 58.6 | | | |
| Bridlewood 075 | Rx10 | -8473.9 | 5640034.6 | 65.1 | 0.1 | 58.4 | | | | 65.2 | 0.2 | 58.6 | | | |
| Bridlewood 076 | Rx10 | -8453.6 | 5640015.6 | 64.5 | | 58.6 | | | | 64.6 | | 58.8 | | | |
| Bridlewood 077 | Rx10 | -8431.7 | 5640001.7 | 64.3 | | 59.7 | | | | 64.5 | | 59.9 | | | |
| Bridlewood 078 | Rx10 | -8411 | 5639988.7 | 65.5 | 0.5 | 60.6 | | | | 65.6 | 0.6 | 60.7 | | | |
| Bridlewood 079 | Rx10 | -8391.7 | 5639976.5 | 65.8 | 0.8 | 60.4 | | | | 65.9 | 0.9 | 60.5 | | | |
| Bridlewood 080 | Rx10 | -8373.6 | 5639965.1 | 65.7 | 0.7 | 61.2 | | | | 65.8 | 0.8 | 61.4 | | | |
| Bridlewood 081 | Rx10 | -8349.5 | 5639949.9 | 64.7 | | 64.6 | | | | 64.8 | | 64.7 | | | |
| Bridlewood 082 | Rx10 | -8326.1 | 5639949.4 | 64.3 | | | | | | 63.6 | | | | | |
| Bridlewood 083 | Rx10 | -8295.9 | 5639916.1 | 63.5 | | | | | | 64.4 | | | | | |
| Bridlewood 084 | Rx10 | -8203.1 | 5639874.3 | 64.9 | | | | | | 65.0 | | | | | |
| Bridlewood 085 | Rx10 | -8155.9 | 5639881.4 | 64.3 | | | | | | 64.4 | | | | | |
| Bridlewood 086 | Rx10 | -8105 | 5639879.5 | 64.5 | | | | | | 64.6 | | | | | |
| Bridlewood 087 | Rx10 | -8068.5 | 5639867.6 | 64.9 | | | | | | 65.0 | | | | | |
| Bridlewood 088 | Rx10 | -8023.7 | 5639865.7 | 64.4 | | | | | | 64.5 | | | | | |
| Bridlewood 089 | Rx10 | -7984.6 | 5639875.1 | 64.2 | | | | | | 64.3 | | | | | |
| Bridlewood 090 | Rx10 | -7941.6 | 5639873.3 | 64.5 | | | | | | 64.6 | | | | | |
| Bridlewood 091 | Rx10 | -7902.4 | 5639861.3 | 64.7 | | 62.4 | | | | 64.8 | | 62.5 | | | |
| Bridlewood 092 | Rx10 | -7858.5 | 5639859.8 | 64.9 | | 62.9 | | | | 64.9 | | 62.9 | | | |
| Bridlewood 093 | Rx10 | -7814.6 | 5639868.9 | 64.7 | | 63.9 | | | | 64.8 | | 64.0 | | | |
| Bridlewood 094 | Rx10 | -7764 | 5639867 | 65.1 | 0.1 | 63.9 | | | | 65.1 | 0.1 | 64.0 | | | |
| Bridlewood 095 | Rx10 | -7731.8 | 5639865.9 | 64.6 | | 63.0 | | | | 64.7 | | 63.1 | | | |
| Bridlewood 096 | Rx10 | -7672.8 | 5639863.7 | 66.0 | 1.0 | 63.4 | | | | 66.0 | 1.0 | 63.5 | | | |
| Bridlewood 097 | Rx10 | -7639.1 | 5639856.2 | 67.5 | 2.5 | 63.9 | | | | 67.6 | 2.6 | 64.0 | | | |
| Bridlewood 098 | Rx10 | -7589.3 | 5639850.3 | 67.4 | 2.4 | 63.0 | | | | 67.5 | 2.5 | 63.1 | | | |
| Bridlewood 099 | Rx10 | -7547.8 | 5639859.1 | 66.7 | 1.7 | 63.7 | | | | 66.7 | 1.7 | 63.8 | | | |
| Bridlewood 100 | Rx10 | -7494.9 | 5639857.1 | 67.2 | 2.2 | 64.0 | | | | 67.3 | 2.3 | 64.1 | | | |
| Bridlewood 101 | Rx10 | -7442.9 | 5639849.3 | 65.1 | 0.1 | 63.0 | | | | 65.2 | 0.2 | 63.1 | | | |
| Bridlewood 102 | Rx10 | -7407.5 | 5639842.7 | 66.7 | 1.7 | 63.3 | | | | 66.8 | 1.8 | 63.4 | | | |
| Bridlewood 103 | Rx10 | -7374.8 | 5639843.7 | 65.9 | 0.9 | 63.8 | | | | 66.0 | 1.0 | 63.8 | | | |
| Bridlewood 104 | Rx10 | -7363.6 | 5639844.1 | 65.9 | 0.9 | 63.7 | | | | 66.0 | 1.0 | 63.8 | | | |
| Bridlewood 105 | Rx10 | -7354.1 | 5639844.4 | 65.6 | 0.6 | 63.5 | | | | 65.7 | 0.7 | 63.6 | | | |
| Bridlewood 106 | Rx10 | -7344.9 | 5639844.7 | 65.5 | 0.5 | 63.3 | | | | 65.6 | 0.6 | 63.4 | | | |
| Bridlewood 107 | Rx10 | -7335.7 | 5639845.1 | 65.3 | 0.3 | 63.2 | | | | 65.4 | 0.4 | 63.3 | | | |
| Bridlewood 108 | Rx10 | -7326.1 | 5639845.4 | 65.5 | 0.5 | 63.4 | | | | 65.5 | 0.5 | 63.5 | | | |
| Bridlewood 109 | Rx10 | -7315.8 | 5639845.7 | 65.6 | 0.6 | 63.4 | | | | 65.6 | 0.6 | 63.5 | | | |
| Bridlewood 110 | Rx10 | -7306.2 | 5639846 | 65.3 | 0.3 | 62.9 | | | | 65.4 | 0.4 | 63.0 | | | |
| Bridlewood 111 | Rx10 | -7296.5 | 5639846.4 | 65.6 | 0.6 | 63.4 | | | | 65.7 | 0.7 | 63.5 | | | |
| Bridlewood 112 | Rx10 | -7285 | 5639846.7 | 65.4 | 0.4 | 63.1 | | | | 65.5 | 0.5 | 63.2 | | | |
| Bridlewood 113 | Rx10 | -7276.5 | 5639847 | 65.4 | 0.4 | 63.1 | | | | 65.5 | 0.5 | 63.2 | | | |
| Bridlewood 114 | Rx10 | -7267.7 | 5639847.3 | 65.4 | 0.4 | 62.9 | | | | 65.5 | 0.5 | 63.0 | | | |
| Bridlewood 115 | Rx10 | -7256.6 | 5639847.7 | 65.4 | 0.4 | 61.8 | | | | 65.5 | 0.5 | 61.9 | | | |
| Bridlewood 116 | Rx10 | -7248.9 | 5639847.9 | 65.9 | 0.9 | 63.0 | | | | 66.0 | 1.0 | 63.1 | | | |
| Bridlewood 117 | Rx10 | -7236.8 | 5639848.3 | 66.3 | 1.3 | 62.6 | | | | 66.4 | 1.4 | 62.7 | | | |
| Bridlewood 118 | Rx10 | -7228.9 | 5639848.6 | 66.3 | 1.3 | 62.4 | | | | 66.4 | 1.4 | 62.4 | | | |
| Bridlewood 119 | Rx10 | -7218.8 | 5639848.9 | 66.2 | 1.2 | 62.1 | | | | 66.3 | 1.3 | 62.2 | | | |
| Bridlewood 120 | Rx10 | -7207.9 | 5639849.3 | 66.2 | 1.2 | 61.7 | | | | 66.2 | 1.2 | 61.8 | | | |
| Bridlewood 121 | Rx10 | -7197.4 | 5639849.7 | 66.2 | 1.2 | 61.2 | | | | 66.3 | 1.3 | 61.3 | | | |
| Bridlewood 122 | Rx10 | -7188.9 | 5639849.9 | 66.5 | 1.5 | 61.6 | | | | 66.5 | 1.5 | 61.7 | | | |
| Bridlewood 123 | Rx10 | -7179.4 | 5639850.3 | 66.2 | 1.2 | 60.0 | | | | 66.3 | 1.3 | 60.1 | | | |
| Bridlewood 124 | Rx10 | -7152.2 | 5639851.2 | 67.5 | 2.5 | 61.7 | | | | 67.6 | 2.6 | 61.8 | | | |
| Bridlewood 125 | Rx10 | -7127.2 | 5639852 | 63.3 | | 55.5 | | | | 63.4 | | 55.6 | | | |
| Bridlewood 126 | Rx10 | -7077.2 | 5639853.7 | 65.4 | 0.4 | 60.5 | | | | 65.5 | 0.5 | 60.6 | | | |
| Bridlewood 127 | Rx10 | -7041.9 | 5639854.8 | 65.7 | 0.7 | 61.5 | | | | 65.8 | 0.8 | 61.6 | | | |
| Bridlewood 128 | Rx10 | -7015.2 | 5639855.7 | 65.6 | 0.6 | 60.8 | | | | 65.7 | 0.7 | 60.9 | | | |
| Bridlewood 129 | Rx10 | -6987.9 | 5639856.6 | 66.1 | 1.1 | 61.5 | | | | 66.2 | 1.2 | 61.7 | | | |
| Bridlewood 130 | Rx10 | -6962.7 | 5639857.5 | 64.5 | | 64.2 | | | | 64.5 | | 64.3 | | | |
| Bridlewood 131 | Rx10 | -6932.5 | 5639858.5 | 63.3 | | 63.3 | | | | 63.4 | | 63.4 | | | |
| Bridlewood 132 | Rx10 | -6907.9 | 5639859.9 | 62.6 | | | | | | 62.8 | | | | | |
| Bridlewood 133 | Rx10 | -6888 | 5639861.3 | 63.4 | | | | | | 63.5 | | | | | |
| Bridlewood 134 | Rx10 | -6861.7 | 5639864.6 | 62.8 | | | | | | 63.0 | | | | | |
| Bridlewood 135 | Rx10 | -6839.2 | 5639870 | 63.5 | | | | | | 63.6 | | | | | |
| Bridlewood 136 | Rx10 | -6815.5 | 5639878.6 | 62.5 | | | | | | 62.7 | | | | | |
| Bridlewood 137 | Rx10 | -6793.9 | 5639889.4 | 62.8 | | | | | | 63.1 | | | | | |
| Bridlewood 138 | Rx10 | -6780.5 | 5639897.5 | 63.0 | | | | | | 63.2 | | | | | |
| Bridlewood 139 | Rx10 | -6767.3 | 5639907 | 62.1 | | | | | | 62.4 | | | | | |
| Bridlewood 140 | Rx10 | -6742.3 | 5639929.5 | 61.7 | | | | | | 62.0 | | | | | |
| Bridlewood 141 | Rx10 | -6736.1 | 5639936.7 | 60.9 | | | | | | 61.2 | | | | | |
| Bridlewood 142 | Rx10 | -6727.7 | 5639947.3 | 60.0 | | | | | | 60.6 | | | | | |
| Bridlewood 143 | Rx10 | -6713.2 | 5639952.6 | 60.6 | | | | | | 61.1 | | | | | |
| Bridlewood 144 | Rx10 | -6698.3 | 5639975.4 | 59.9 | | | | | | 60.5 | | | | | |
| Bridlewood 145 | Rx10 | -6696.4 | 5639994.4 | 59.0 | | | | | | 59.6 | | | | | |
| Bridlewood 146 | Rx10 | -6706 | 5640019.5 | 57.7 | | | | | | 58.4 | | | | | |
| Bridlewood 147 | Rx10 | -6720.8 | 5640033.3 | 56.9 | | | | | | 57.7 | | | | | |
| Bridlewood 148 | Rx10 | -6733.4 | 5640047.2 | 56.9 | | | | | | 57.7 | | | | | |
| Bridlewood 149 | Rx10 | -6733.8 | 5640058.5 | 57.5 | | | | | | 58.3 | | | | | |
| Bridlewood 150 | Rx10 | -6734.2 | 5640068.9 | 57.8 | | | | | | 58.5 | | | | | |
| Bridlewood 151 | Rx10 | -6734.7 | 5640081.6 | 57.9 | | | | | | 58.6 | | | | | |
| Bridlewood 152 | Rx10 | -6735.1 | 5640092.4 | 57.5 | | | | | | 58.2 | | | | | |
| Somerset 001 | Rx11 | -6531.3 | 5640120.3 | 63.9 | | | | | | 64.6 | | | | | |
| Somerset 002 | Rx11 | -6527.3 | 5640110.5 | 63.4 | | | | | | 64.2 | | | | | |
| Somerset 003 | Rx11 | -6523.3 | 5640100.6 | 62.7 | | | | | | 63.4 | | | | | |
| Somerset 004 | Rx11 | -6517.3 | 5640087.8 | 62.4 | | | | | | 63.1 | | | | | |
| Somerset 005 | Rx11 | -6512.8 | 5640079.6 | 61.9 | | | | | | 62.5 | | | | | |
| Somerset 006 | Rx11 | -6506 | 5640068.8 | 61.4 | | | | | | 62.0 | | | | | |
| Somerset 007 | Rx11 | -6499 | 5640059.3 | 60.7 | | | | | | 61.3 | | | | | |

SWCRR Segment 3 Noise Prediction Results
BKL Consultants Ltd.
February 2018

Colour Key
64 < Leq24 ≤ 65
Leq24 > 65

2025 Forecast Year

| Receiver | | Coordinates | | 2025 Traffic - Mainline Trucks 8%, Cross streets and ramps 5% | | | | | | 2025 Traffic - All Roads 8.4% | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | No Mitigation | | With Mitigation TUC alignment | | With Mitigation Top of Berm alignment | | No Mitigation | | With Mitigation TUC alignment | | With Mitigation Top of Berm alignment | |
| Name | Group | Easting (m) | Northing (m) | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA |
| Somerset 008 | Rx11 | -6481.2 | 5640039.7 | 60.0 | | | | | | 60.5 | | | | | |
| Somerset 009 | Rx11 | -6472.4 | 5640032.6 | 59.5 | | | | | | 60.1 | | | | | |
| Somerset 010 | Rx11 | -6464.9 | 5640026.5 | 59.7 | | | | | | 60.3 | | | | | |
| Somerset 011 | Rx11 | -6454.3 | 5640017.9 | 59.5 | | | | | | 60.0 | | | | | |
| Somerset 012 | Rx11 | -6446.4 | 5640011.5 | 59.4 | | | | | | 60.0 | | | | | |
| Somerset 013 | Rx11 | -6438.3 | 5640004.9 | 59.3 | | | | | | 59.9 | | | | | |
| Somerset 014 | Rx11 | -6429.3 | 5639997.5 | 59.5 | | | | | | 60.0 | | | | | |
| Somerset 015 | Rx11 | -6421.7 | 5639991 | 60.1 | | | | | | 60.6 | | | | | |
| Somerset 016 | Rx11 | -6413.2 | 5639983.4 | 59.9 | | | | | | 60.5 | | | | | |
| Somerset 017 | Rx11 | -6403.9 | 5639974.8 | 60.5 | | | | | | 61.0 | | | | | |
| Somerset 018 | Rx11 | -6396.8 | 5639968 | 60.5 | | | | | | 61.0 | | | | | |
| Somerset 019 | Rx11 | -6385.2 | 5639956.1 | 60.8 | | | | | | 61.4 | | | | | |
| Somerset 020 | Rx11 | -6375 | 5639950 | 61.7 | | | | | | 62.2 | | | | | |
| Somerset 021 | Rx11 | -6355.3 | 5639950 | 60.1 | | | | | | 60.6 | | | | | |
| Somerset 022 | Rx11 | -6340.9 | 5639950 | 60.1 | | | | | | 60.6 | | | | | |
| Somerset 023 | Rx11 | -6324.1 | 5639941.9 | 59.4 | | | | | | 59.9 | | | | | |
| Somerset 024 | Rx11 | -6306.2 | 5639918.4 | 61.4 | | | | | | 61.9 | | | | | |
| Somerset 025 | Rx11 | -6295.7 | 5639907 | 61.4 | | | | | | 61.9 | | | | | |
| Somerset 026 | Rx11 | -6288.1 | 5639899.6 | 61.6 | | | | | | 62.1 | | | | | |
| Somerset 027 | Rx11 | -6277 | 5639889.9 | 61.9 | | | | | | 62.4 | | | | | |
| Somerset 028 | Rx11 | -6268.7 | 5639883.5 | 62.3 | | | | | | 62.8 | | | | | |
| Somerset 029 | Rx11 | -6255.1 | 5639874.1 | 62.7 | | | | | | 63.2 | | | | | |
| Somerset 030 | Rx11 | -6246.1 | 5639868.7 | 62.8 | | | | | | 63.3 | | | | | |
| Somerset 031 | Rx11 | -6235 | 5639862.8 | 62.7 | | | | | | 63.2 | | | | | |
| Somerset 032 | Rx11 | -6223.4 | 5639857.4 | 63.3 | | | | | | 63.7 | | | | | |
| Somerset 033 | Rx11 | -6212 | 5639852.8 | 63.1 | | | | | | 63.6 | | | | | |
| Somerset 034 | Rx11 | -6200.9 | 5639849 | 63.7 | | | | | | 64.1 | | | | | |
| Somerset 035 | Rx11 | -6188.1 | 5639845.4 | 63.8 | | | | | | 64.1 | | | | | |
| Somerset 036 | Rx11 | -6178.1 | 5639843.1 | 63.9 | | | | | | 64.2 | | | | | |
| Somerset 037 | Rx11 | -6164.7 | 5639840.4 | 64.0 | | | | | | 64.4 | | | | | |
| Somerset 038 | Rx11 | -6154.9 | 5639838.4 | 63.9 | | | | | | 64.3 | | | | | |
| Somerset 039 | Rx11 | -6141.2 | 5639835.6 | 63.9 | | | | | | 64.2 | | | | | |
| Somerset 040 | Rx11 | -6130.5 | 5639833.5 | 63.9 | | | | | | 64.3 | | | | | |
| Somerset 041 | Rx11 | -6118 | 5639830.9 | 64.3 | | | | | | 64.7 | | | | | |
| Somerset 042 | Rx11 | -6108.9 | 5639829.1 | 64.5 | | | | | | 64.9 | | | | | |
| Somerset 043 | Rx11 | -6095.4 | 5639826.4 | 64.1 | | | | | | 64.5 | | | | | |
| Somerset 044 | Rx11 | -6085.2 | 5639824.3 | 63.8 | | | | | | 64.2 | | | | | |
| Somerset 045 | Rx11 | -6071 | 5639821.4 | 64.1 | | | | | | 64.5 | | | | | |
| Somerset 046 | Rx11 | -6055.5 | 5639818.3 | 64.0 | | | | | | 64.4 | | | | | |
| Somerset 047 | Rx11 | -6010.3 | 5639809.2 | 63.8 | | | | | | 64.2 | | | | | |
| Somerset 048 | Rx11 | -5993.1 | 5639805.7 | 63.9 | | | | | | 64.3 | | | | | |
| Somerset 049 | Rx11 | -5973.6 | 5639801.8 | 65.0 | | 61.7 | | | | 65.4 | 0.4 | 62.1 | | | |
| Somerset 050 | Rx11 | -5961.2 | 5639799.3 | 64.9 | | 62.2 | | | | 65.3 | 0.3 | 62.6 | | | |
| Somerset 051 | Rx11 | -5953.2 | 5639797.6 | 65.0 | | 62.4 | | | | 65.4 | 0.4 | 62.8 | | | |
| Somerset 052 | Rx11 | -5941.5 | 5639795.3 | 65.4 | 0.4 | 62.7 | | | | 65.8 | 0.8 | 63.1 | | | |
| Somerset 053 | Rx11 | -5931.8 | 5639793.3 | 65.3 | 0.3 | 62.5 | | | | 65.7 | 0.7 | 62.9 | | | |
| Somerset 054 | Rx11 | -5920.3 | 5639791 | 65.4 | 0.4 | 62.6 | | | | 65.8 | 0.8 | 63.0 | | | |
| Somerset 055 | Rx11 | -5909.2 | 5639788.8 | 65.4 | 0.4 | 62.5 | | | | 65.9 | 0.9 | 62.9 | | | |
| Somerset 056 | Rx11 | -5898 | 5639786.7 | 65.4 | 0.4 | 61.6 | | | | 65.8 | 0.8 | 61.9 | | | |
| Somerset 057 | Rx11 | -5886.5 | 5639785 | 65.5 | 0.5 | 61.5 | | | | 66.0 | 1.0 | 61.8 | | | |
| Somerset 058 | Rx11 | -5874.9 | 5639783.5 | 66.0 | 1.0 | 61.7 | | | | 66.5 | 1.5 | 62.1 | | | |
| Somerset 059 | Rx11 | -5863.5 | 5639782 | 65.4 | 0.4 | 61.6 | | | | 65.9 | 0.9 | 62.0 | | | |
| Somerset 060 | Rx11 | -5853.3 | 5639780.7 | 65.5 | 0.5 | 62.2 | | | | 66.0 | 1.0 | 62.5 | | | |
| Somerset 061 | Rx11 | -5841.7 | 5639779.2 | 65.9 | 0.9 | 61.7 | | | | 66.4 | 1.4 | 62.1 | | | |
| Somerset 062 | Rx11 | -5830.9 | 5639777.8 | 65.7 | 0.7 | 60.9 | | | | 66.2 | 1.2 | 61.3 | | | |
| Somerset 063 | Rx11 | -5817.6 | 5639776.1 | 65.3 | 0.3 | 60.9 | | | | 65.8 | 0.8 | 61.3 | | | |
| Somerset 064 | Rx11 | -5806.1 | 5639774.6 | 65.2 | 0.2 | 61.4 | | | | 65.7 | 0.7 | 61.8 | | | |
| Somerset 065 | Rx11 | -5795.9 | 5639773.2 | 65.3 | 0.3 | 62.0 | | | | 65.8 | 0.8 | 62.3 | | | |
| Somerset 066 | Rx11 | -5784.7 | 5639771.8 | 65.5 | 0.5 | 62.0 | | | | 66.0 | 1.0 | 62.3 | | | |
| Somerset 067 | Rx11 | -5769 | 5639769.7 | 64.9 | | 61.1 | | | | 65.5 | 0.5 | 61.5 | | | |
| Somerset 068 | Rx11 | -5683.9 | 5639764 | 63.1 | | 63.1 | | | | 63.6 | | 63.6 | | | |
| Somerset 069 | Rx11 | -5668.1 | 5639764.4 | 63.4 | | | | | | 63.8 | | | | | |
| Somerset 070 | Rx11 | -5653.6 | 5639764.8 | 62.7 | | | | | | 63.1 | | | | | |
| Somerset 071 | Rx11 | -5642.1 | 5639765 | 62.1 | | | | | | 62.5 | | | | | |
| Somerset 072 | Rx11 | -5631.4 | 5639765.3 | 61.3 | | | | | | 61.7 | | | | | |
| Somerset 073 | Rx11 | -5621.7 | 5639765.5 | 61.4 | | | | | | 61.8 | | | | | |
| Somerset 074 | Rx11 | -5610.4 | 5639765.8 | 60.8 | | | | | | 61.2 | | | | | |
| Somerset 075 | Rx11 | -5599.3 | 5639766.1 | 60.5 | | | | | | 61.0 | | | | | |
| Somerset 076 | Rx11 | -5586.7 | 5639766.4 | 60.3 | | | | | | 60.8 | | | | | |
| Somerset 077 | Rx11 | -5575.5 | 5639766.7 | 60.4 | | | | | | 60.8 | | | | | |
| Somerset 078 | Rx11 | -5553.8 | 5639766.9 | 59.3 | | | | | | 59.7 | | | | | |
| Somerset 079 | Rx11 | -5519.9 | 5639765.4 | 58.8 | | | | | | 59.2 | | | | | |
| Somerset 080 | Rx11 | -5499.5 | 5639764.5 | 59.3 | | | | | | 59.7 | | | | | |
| Somerset 081 | Rx11 | -5482.5 | 5639763.7 | 58.2 | | | | | | 58.6 | | | | | |
| Somerset 082 | Rx11 | -5471.9 | 5639763.3 | 57.5 | | | | | | 58.0 | | | | | |
| Somerset 083 | Rx11 | -5460.1 | 5639762.8 | 58.0 | | | | | | 58.4 | | | | | |
| Somerset 084 | Rx11 | -5450 | 5639762.3 | 57.8 | | | | | | 58.2 | | | | | |
| Somerset 085 | Rx11 | -5437.9 | 5639761.8 | 58.0 | | | | | | 58.4 | | | | | |
| Somerset 086 | Rx11 | -5427.3 | 5639761.3 | 57.7 | | | | | | 58.1 | | | | | |
| Somerset 087 | Rx11 | -5416 | 5639760.8 | 56.8 | | | | | | 57.3 | | | | | |
| Somerset 088 | Rx11 | -5402.5 | 5639760.2 | 58.8 | | | | | | 59.2 | | | | | |
| Somerset 089 | Rx11 | -5392.8 | 5639759.8 | 62.4 | | | | | | 62.8 | | | | | |
| Somerset 090 | Rx11 | -5380.5 | 5639759.3 | 63.9 | | | | | | 64.3 | | | | | |
| Somerset 091 | Rx11 | -5372.4 | 5639758.9 | 63.7 | | | | | | 64.0 | | | | | |
| Somerset 092 | Rx11 | -5360.6 | 5639758.4 | 64.1 | | | | | | 64.4 | | | | | |
| Somerset 093 | Rx11 | -5348.8 | 5639757.9 | 64.1 | | | | | | 64.4 | | | | | |
| Somerset 094 | Rx11 | -5338.5 | 5639757.5 | 64.5 | | | | | | 64.9 | | 59.6 | | | |
| Somerset 095 | Rx11 | -5325.6 | 5639756.9 | 64.5 | | | | | | 64.9 | | 59.5 | | | |
| Somerset 096 | Rx11 | -5316.5 | 5639756.5 | 64.8 | | | | | | 65.1 | 0.1 | 61.5 | | | |
| Somerset 097 | Rx11 | -5303.5 | 5639755.9 | 64.5 | | | | | | 64.9 | | 61.0 | | | |
| Somerset 098 | Rx11 | -5293.7 | 5639755.5 | 64.4 | | | | | | 64.7 | | 64.6 | | | |
| Somerset 099 | Rx11 | -5281.6 | 5639755 | 64.2 | | | | | | 64.6 | | | | | |
| Somerset 100 | Rx11 | -5270.9 | 5639754.5 | 64.3 | | | | | | 64.7 | | | | | |
| Somerset 101 | Rx11 | -5256.4 | 5639759.3 | 63.4 | | | | | | 63.8 | | | | | |
| Somerset 102 | Rx11 | -5245.5 | 5639762.8 | 62.9 | | | | | | 63.2 | | | | | |
| Somerset 103 | Rx11 | -5232.4 | 5639767.1 | 62.2 | | | | | | 62.6 | | | | | |
| Somerset 104 | Rx11 | -5224.4 | 5639769.8 | 62.4 | | | | | | 62.7 | | | | | |
| Somerset 105 | Rx11 | -5213.4 | 5639773.4 | 62.4 | | | | | | 62.7 | | | | | |
| Somerset 106 | Rx11 | -5198.9 | 5639778.1 | 61.6 | | | | | | 62.0 | | | | | |
| Somerset 107 | Rx11 | -5185.6 | 5639783.1 | 60.5 | | | | | | 60.9 | | | | | |
| Somerset 108 | Rx11 | -5164.4 | 5639801.8 | 59.8 | | | | | | 60.2 | | | | | |
| Somerset 109 | Rx11 | -4968.9 | 5639881.2 | 58.3 | | | | | | 58.9 | | | | | |
| Somerset 110 | Rx11 | -4969.9 | 5639786 | 60.4 | | | | | | 60.9 | | | | | |
| Somerset 111 | Rx11 | -4787.4 | 5639716.7 | 62.3 | | | | | | 62.4 | | | | | |
| Silverado 01 | Rx12 | -6404.6 | 5639337.7 | 56.0 | | | | | | 56.4 | | | | | |
| Silverado 02 | Rx12 | -6332.9 | 5639379.4 | 57.9 | | | | | | 58.2 | | | | | |
| Silverado 03 | Rx12 | -6302.3 | 5639375.3 | 57.6 | | | | | | 58.0 | | | | | |
| Silverado 04 | Rx12 | -6279.8 | 5639372.3 | 56.6 | | | | | | 57.0 | | | | | |
| Silverado 05 | Rx12 | -6253.7 | 5639368.7 | 56.2 | | | | | | 56.6 | | | | | |
| Silverado 06 | Rx12 | -6228.1 | 5639365 | 56.0 | | | | | | 56.3 | | | | | |
| Silverado 07 | Rx12 | -6152 | 5639355.1 | 55.1 | | | | | | 55.3 | | | | | |
| Silverado 08 | Rx12 | -6099.1 | 5639347.6 | 57.0 | | | | | | 57.2 | | | | | |

SWCRR Segment 3 Noise Prediction Results
BKL Consultants Ltd.
February 2018

Colour Key
64 < Leq24 ≤ 65
Leq24 > 65

2025 Forecast Year

| Receiver | | Coordinates | | 2025 Traffic - Mainline Trucks 8%, Cross streets and ramps 5% | | | | | | 2025 Traffic - All Roads 8.4% | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | No Mitigation | | With Mitigation TUC alignment | | With Mitigation Top of Berm alignment | | No Mitigation | | With Mitigation TUC alignment | | With Mitigation Top of Berm alignment | |
| Name | Group | Easting (m) | Northing (m) | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA |
| Silverado 09 | Rx12 | -6086.3 | 5639345.7 | 56.9 | | | | | | 57.2 | | | | | |
| Silverado 10 | Rx12 | -6074.1 | 5639344 | 57.1 | | | | | | 57.4 | | | | | |
| Silverado 11 | Rx12 | -6060.7 | 5639342.1 | 56.9 | | | | | | 57.1 | | | | | |
| Silverado 12 | Rx12 | -6047.9 | 5639340.4 | 56.9 | | | | | | 57.1 | | | | | |
| Silverado 13 | Rx12 | -6036.2 | 5639338.8 | 56.8 | | | | | | 57.0 | | | | | |
| Silverado 14 | Rx12 | -6025.7 | 5639337.3 | 57.2 | | | | | | 57.5 | | | | | |
| Silverado 15 | Rx12 | -6014.8 | 5639335.8 | 56.5 | | | | | | 56.8 | | | | | |
| Silverado 16 | Rx12 | -6003 | 5639334.2 | 57.1 | | | | | | 57.3 | | | | | |
| Silverado 17 | Rx12 | -5990.7 | 5639332.5 | 56.9 | | | | | | 57.2 | | | | | |
| Silverado 18 | Rx12 | -5979.8 | 5639331 | 57.2 | | | | | | 57.5 | | | | | |
| Silverado 19 | Rx12 | -5967.1 | 5639329.3 | 57.4 | | | | | | 57.6 | | | | | |
| Silverado 20 | Rx12 | -5955.7 | 5639327.8 | 57.4 | | | | | | 57.7 | | | | | |
| Silverado 21 | Rx12 | -5944.1 | 5639326.2 | 57.4 | | | | | | 57.7 | | | | | |
| Silverado 22 | Rx12 | -5931.9 | 5639324.6 | 57.4 | | | | | | 57.6 | | | | | |
| Silverado 23 | Rx12 | -5920.5 | 5639323.1 | 56.9 | | | | | | 57.2 | | | | | |
| Silverado 24 | Rx12 | -5908.7 | 5639321.3 | 57.2 | | | | | | 57.4 | | | | | |
| Silverado 25 | Rx12 | -5896.2 | 5639319.6 | 57.2 | | | | | | 57.5 | | | | | |
| Silverado 26 | Rx12 | -5883.9 | 5639317.8 | 57.4 | | | | | | 57.7 | | | | | |
| Silverado 27 | Rx12 | -5873.7 | 5639316.3 | 57.4 | | | | | | 57.7 | | | | | |
| Silverado 28 | Rx12 | -5860.9 | 5639314.4 | 57.5 | | | | | | 57.7 | | | | | |
| Silverado 29 | Rx12 | -5846.3 | 5639312.5 | 57.4 | | | | | | 57.6 | | | | | |
| Silverado 30 | Rx12 | -5822 | 5639296.4 | 55.8 | | | | | | 56.0 | | | | | |
| Silverado 31 | Rx12 | -5818.5 | 5639272.8 | 55.1 | | | | | | 55.4 | | | | | |
| Silverado 32 | Rx12 | -5818.6 | 5639256.8 | 53.2 | | | | | | 53.5 | | | | | |
| Silverado 33 | Rx12 | -5818.7 | 5639245.2 | 52.4 | | | | | | 52.6 | | | | | |
| Silverado 34 | Rx12 | -5818.7 | 5639233.4 | 51.8 | | | | | | 52.1 | | | | | |
| Silverado 35 | Rx12 | -5819.1 | 5639221.8 | 51.7 | | | | | | 52.0 | | | | | |
| Silverado 36 | Rx12 | -5821.8 | 5639195.3 | 50.0 | | | | | | 50.2 | | | | | |
| Silverado 37 | Rx12 | -5824.6 | 5639181.3 | 50.1 | | | | | | 50.3 | | | | | |
| Silverado 38 | Rx12 | -5827.4 | 5639169 | 49.8 | | | | | | 50.1 | | | | | |
| Silverado 39 | Rx12 | -5831.8 | 5639155.5 | 49.5 | | | | | | 49.8 | | | | | |
| Silverado 40 | Rx12 | -5834.9 | 5639147 | 49.1 | | | | | | 49.4 | | | | | |
| Silverado 41 | Rx12 | -5840.1 | 5639134.6 | 49.4 | | | | | | 49.7 | | | | | |
| Silverado 42 | Rx12 | -5844.6 | 5639125.5 | 48.3 | | | | | | 48.5 | | | | | |
| Silverado 43 | Rx12 | -5838.8 | 5639118.2 | 51.4 | | | | | | 51.6 | | | | | |
| Silverado 44 | Rx12 | -5828.5 | 5639112.9 | 52.8 | | | | | | 53.1 | | | | | |
| Silverado 45 | Rx12 | -5820 | 5639108.2 | 53.3 | | | | | | 53.6 | | | | | |
| Silverado 46 | Rx12 | -5808 | 5639101.8 | 53.3 | | | | | | 53.6 | | | | | |
| Silverado 47 | Rx12 | -5799.7 | 5639099.4 | 53.3 | | | | | | 53.6 | | | | | |
| Silverado 48 | Rx12 | -5788.3 | 5639099.5 | 53.2 | | | | | | 53.5 | | | | | |
| Silverado 49 | Rx12 | -5776.3 | 5639099.6 | 53.1 | | | | | | 53.4 | | | | | |
| Silverado 50 | Rx12 | -5764.4 | 5639099.5 | 52.6 | | | | | | 52.9 | | | | | |
| Silverado 51 | Rx12 | -5751.6 | 5639099.5 | 52.1 | | | | | | 52.4 | | | | | |
| Silverado 52 | Rx12 | -5738.7 | 5639099.5 | 52.0 | | | | | | 52.3 | | | | | |
| Silverado 53 | Rx12 | -5727 | 5639099.6 | 52.0 | | | | | | 52.3 | | | | | |
| Silverado 54 | Rx12 | -5712.2 | 5639099.5 | 51.8 | | | | | | 52.1 | | | | | |
| Silverado 55 | Rx12 | -5700.3 | 5639099.5 | 51.4 | | | | | | 51.7 | | | | | |
| Silverado 56 | Rx12 | -5688.1 | 5639099.5 | 51.4 | | | | | | 51.7 | | | | | |
| Silverado 57 | Rx12 | -5677.1 | 5639099.5 | 50.7 | | | | | | 51.0 | | | | | |
| Silverado 58 | Rx12 | -5663.2 | 5639099.6 | 50.9 | | | | | | 51.2 | | | | | |
| Silverado 59 | Rx12 | -5651.8 | 5639099.6 | 50.9 | | | | | | 51.2 | | | | | |
| Silverado 60 | Rx12 | -5637.6 | 5639099.6 | 50.9 | | | | | | 51.2 | | | | | |
| Silverado 61 | Rx12 | -5627.4 | 5639099.6 | 50.9 | | | | | | 51.2 | | | | | |
| Silverado 62 | Rx12 | -5614.4 | 5639099.5 | 50.6 | | | | | | 50.9 | | | | | |
| Silverado 63 | Rx12 | -5602.2 | 5639099.5 | 50.6 | | | | | | 50.9 | | | | | |
| Silverado 64 | Rx12 | -5565.9 | 5639099.4 | 49.5 | | | | | | 49.8 | | | | | |
| Silverado 65 | Rx12 | -5518.2 | 5639099.3 | 51.2 | | | | | | 51.6 | | | | | |
| Silverado 66 | Rx12 | -5494.6 | 5639099.4 | 51.3 | | | | | | 51.7 | | | | | |
| Silverado 67 | Rx12 | -5451.7 | 5639099.4 | 50.2 | | | | | | 50.5 | | | | | |
| Silverado 68 | Rx12 | -5423.8 | 5639099.5 | 50.4 | | | | | | 50.7 | | | | | |
| Silverado 69 | Rx12 | -5404.9 | 5639099.3 | 51.0 | | | | | | 51.3 | | | | | |
| Silverado 70 | Rx12 | -5385.7 | 5639099.4 | 50.7 | | | | | | 51.1 | | | | | |
| Silverado 71 | Rx12 | -5374.1 | 5639099.5 | 50.6 | | | | | | 51.0 | | | | | |
| Silverado 72 | Rx12 | -5361.9 | 5639099.5 | 50.1 | | | | | | 50.3 | | | | | |
| Silverado 73 | Rx12 | -5350.2 | 5639099.4 | 50.2 | | | | | | 50.4 | | | | | |
| Silverado 74 | Rx12 | -5338.9 | 5639099.5 | 49.6 | | | | | | 49.9 | | | | | |
| Silverado 75 | Rx12 | -5326.3 | 5639099.4 | 49.4 | | | | | | 49.7 | | | | | |
| Silverado 76 | Rx12 | -5312.9 | 5639099.4 | 49.0 | | | | | | 49.3 | | | | | |
| Silverado 77 | Rx12 | -5290.5 | 5639096.8 | 50.3 | | | | | | 50.6 | | | | | |
| Silverado 78 | Rx12 | -5211.5 | 5639119.7 | 53.5 | | | | | | 53.9 | | | | | |
| Silverado 79 | Rx12 | -5160.2 | 5639119.7 | 55.0 | | | | | | 55.5 | | | | | |
| Silverado 80 | Rx12 | -5149.6 | 5639119.6 | 55.5 | | | | | | 56.0 | | | | | |
| Silverado 81 | Rx12 | -5136.1 | 5639119.7 | 55.9 | | | | | | 56.4 | | | | | |
| Silverado 82 | Rx12 | -5126.4 | 5639119.6 | 56.6 | | | | | | 57.1 | | | | | |
| Silverado 83 | Rx12 | -5114.4 | 5639119.6 | 57.1 | | | | | | 57.7 | | | | | |
| Silverado 84 | Rx12 | -5102.3 | 5639119.6 | 57.6 | | | | | | 58.2 | | | | | |
| Silverado 85 | Rx12 | -5078.6 | 5639119.6 | 61.3 | | | | | | 62.1 | | | | | |
| Sundance 01 | Rx13 | -4004.3 | 5640331.3 | 65.1 | 0.1 | 59.8 | | | | 65.2 | 0.2 | 59.1 | | | |
| Sundance 02 | Rx13 | -3951.3 | 5640243.1 | 67.5 | 2.5 | 63.1 | | | | 67.6 | 2.6 | 61.8 | | | |
| Sundance 03 | Rx13 | -3924.3 | 5640194 | 67.5 | 2.5 | 63.7 | | | | 67.6 | 2.6 | 62.2 | | | |
| Sundance 04 | Rx13 | -3914.8 | 5640181.8 | 66.2 | 1.2 | 63.3 | | | | 66.4 | 1.4 | 62.2 | | | |
| Sundance 05 | Rx13 | -3905.5 | 5640182.3 | 66.2 | 1.2 | 64.3 | | | | 66.4 | 1.4 | 63.1 | | | |
| Sundance 06 | Rx13 | -3897.9 | 5640179.2 | 66.0 | 1.0 | 64.8 | | | | 66.2 | 1.2 | 63.5 | | | |
| Sundance 07 | Rx13 | -3891 | 5640170.9 | 65.7 | 0.7 | 64.9 | | | | 65.9 | 0.9 | 63.5 | | | |
| Sundance 08 | Rx13 | -3889.8 | 5640160.2 | 66.0 | 1.0 | 64.9 | | | | 66.2 | 1.2 | 63.6 | | | |
| Sundance 09 | Rx13 | -3892.5 | 5640136.9 | 66.7 | 1.7 | 63.6 | | | | 66.9 | 1.9 | 62.6 | | | |
| Sundance 10 | Rx13 | -3886.7 | 5640127.5 | 66.7 | 1.7 | 63.2 | | | | 66.9 | 1.9 | 62.2 | | | |
| Sundance 11 | Rx13 | -3875.6 | 5640111.2 | 66.1 | 1.1 | 63.2 | | | | 66.3 | 1.3 | 63.0 | | | |
| Sundance 12 | Rx13 | -3859.2 | 5640091.8 | 66.4 | 1.4 | 64.5 | | | | 66.6 | 1.6 | 64.7 | | | |
| Sundance 13 | Rx13 | -3812 | 5640041.9 | 63.4 | | 63.4 | | | | 63.6 | | 63.7 | | | |
| Sundance 14 | Rx13 | -3800.7 | 5640033.4 | 63.8 | | 63.8 | | | | 64.1 | | 64.1 | | | |
| Sundance 15 | Rx13 | -3751.1 | 5640008 | 63.0 | | | | | | 63.3 | | | | | |
| Sundance 16 | Rx13 | -3741.2 | 5640001.2 | 63.1 | | | | | | 63.4 | | | | | |
| Sundance 17 | Rx13 | -3728.4 | 5639992.4 | 62.4 | | | | | | 62.7 | | | | | |
| Sundance 18 | Rx13 | -3721.6 | 5639987.7 | 62.1 | | | | | | 62.4 | | | | | |
| Sundance 19 | Rx13 | -3709.1 | 5639979.1 | 62.0 | | | | | | 62.3 | | | | | |
| Sundance 20 | Rx13 | -3696.7 | 5639971.5 | 61.8 | | | | | | 62.1 | | | | | |
| Sundance 21 | Rx13 | -3685.4 | 5639966.5 | 61.0 | | | | | | 61.4 | | | | | |
| Sundance 22 | Rx13 | -3667.2 | 5639961.4 | 58.9 | | | | | | 59.3 | | | | | |
| Sundance 23 | Rx13 | -3657.7 | 5639960.2 | 58.3 | | | | | | 58.7 | | | | | |
| Sundance 24 | Rx13 | -3675.9 | 5639927.6 | 62.4 | | | | | | 62.7 | | | | | |
| Sundance 25 | Rx13 | -3661.7 | 5639921.7 | 62.7 | | | | | | 63.0 | | | | | |
| Sundance 26 | Rx13 | -3650.6 | 5639919 | 62.6 | | | | | | 62.9 | | | | | |
| Sundance 27 | Rx13 | -3638.5 | 5639910.8 | 62.7 | | | | | | 63.1 | | | | | |
| Sundance 28 | Rx13 | -3629.5 | 5639904.7 | 62.6 | | | | | | 62.9 | | | | | |
| Sundance 29 | Rx13 | -3617.2 | 5639897 | 62.5 | | | | | | 62.8 | | | | | |
| Sundance 30 | Rx13 | -3601.5 | 5639877.4 | 63.0 | | | | | | 63.3 | | | | | |
| Sundance 31 | Rx13 | -3555.7 | 5639863.2 | 61.9 | | | | | | 62.2 | | | | | |
| Sundance 32 | Rx13 | -3520.1 | 5639839 | 62.6 | | | | | | 63.0 | | | | | |
| Sundance 33 | Rx13 | -3512.4 | 5639834 | 62.7 | | | | | | 63.1 | | | | | |
| Sundance 34 | Rx13 | -3499.3 | 5639825.2 | 62.6 | | | | | | 62.9 | | | | | |
| Sundance 35 | Rx13 | -3490.3 | 5639819.8 | 62.4 | | | | | | 62.8 | | | | | |

SWCRR Segment 3 Noise Prediction Results
BKL Consultants Ltd.
February 2018

Colour Key
64 < Leq24 ≤ 65
Leq24 > 65

2025 Forecast Year

| Receiver | | Coordinates | | 2025 Traffic - Mainline Trucks 8%, Cross streets and ramps 5% | | | | | | 2025 Traffic - All Roads 8.4% | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | No Mitigation | | With Mitigation TUC alignment | | With Mitigation Top of Berm alignment | | No Mitigation | | With Mitigation TUC alignment | | With Mitigation Top of Berm alignment | |
| Name | Group | Easting (m) | Northing (m) | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA | Leq24 dBA | Exceedance dBA |
| Sundance 36 | Rx13 | -3477.1 | 5639812.2 | 62.8 | | | | | | 63.1 | | | | | |
| Sundance 37 | Rx13 | -3467.2 | 5639806.7 | 62.8 | | | | | | 63.2 | | | | | |
| Sundance 38 | Rx13 | -3454 | 5639800 | 62.9 | | | | | | 63.3 | | | | | |
| Sundance 39 | Rx13 | -3443.9 | 5639795.5 | 62.9 | | | | | | 63.3 | | | | | |
| Sundance 40 | Rx13 | -3427.5 | 5639788.6 | 63.0 | | | | | | 63.4 | | | | | |
| Sundance 41 | Rx13 | -3419 | 5639785.4 | 63.3 | | | | | | 63.6 | | | | | |
| Sundance 42 | Rx13 | -3388 | 5639775.4 | 63.4 | | | | | | 63.7 | | | | | |
| Sundance 43 | Rx13 | -3330.4 | 5639758.9 | 63.8 | | | | | | 64.1 | | | | | |
| Sundance 44 | Rx13 | -3275.6 | 5639707.7 | 64.1 | | 60.1 | | 62.7 | | 64.4 | | 60.4 | | 63.0 | |
| Sundance 45 | Rx13 | -3255.4 | 5639707.5 | 65.3 | 0.3 | 59.8 | | 62.4 | | 65.5 | 0.5 | 60.0 | | 62.7 | |
| Sundance 46 | Rx13 | -3236.5 | 5639706.8 | 64.3 | | 58.6 | | 60.9 | | 64.6 | | 58.9 | | 61.1 | |
| Sundance 47 | Rx13 | -3192 | 5639705.2 | 64.3 | | 60.6 | | 60.2 | | 64.6 | | 60.8 | | 60.5 | |
| Sundance 48 | Rx13 | -3137 | 5639722.1 | 65.1 | 0.1 | 64.2 | | 62.2 | | 65.3 | 0.3 | 64.4 | | 62.4 | |
| Sundance 49 | Rx13 | -3095.1 | 5639720.7 | 64.7 | | 63.7 | | 63.4 | | 64.9 | | 63.9 | | 63.5 | |
| Sundance 50 | Rx13 | -3043.1 | 5639718.8 | 64.7 | | 64.6 | | 64.6 | | 64.8 | | 64.8 | | 64.8 | |
| Sundance 51 | Rx13 | -2999.6 | 5639717.3 | 64.5 | | 64.5 | | 64.5 | | 64.6 | | 64.7 | | 64.7 | |
| Sundance 52 | Rx13 | -2953.4 | 5639715.7 | 64.5 | | 64.5 | | 64.5 | | 64.6 | | 64.6 | | 64.6 | |
| Sundance 53 | Rx13 | -2775.4 | 5639712.1 | 62.9 | | 62.9 | | 62.9 | | 63.0 | | 63.0 | | 63.0 | |
| Chaparral 01 | Rx14 | -3375.2 | 5638570.1 | 60.6 | | | | | | 60.7 | | | | | |
| Chaparral 02 | Rx14 | -3385 | 5638594.7 | 62.0 | | | | | | 62.1 | | | | | |
| Chaparral 03 | Rx14 | -3391.5 | 5638611.1 | 62.8 | | | | | | 62.9 | | | | | |
| Chaparral 04 | Rx14 | -3396.1 | 5638623.2 | 63.3 | | | | | | 63.4 | | | | | |
| Chaparral 05 | Rx14 | -3400.1 | 5638633.3 | 63.7 | | | | | | 63.8 | | | | | |
| Chaparral 06 | Rx14 | -3403.5 | 5638641.8 | 63.4 | | | | | | 63.5 | | | | | |
| Chaparral 07 | Rx14 | -3408.1 | 5638653.2 | 63.0 | | | | | | 63.1 | | | | | |
| Chaparral 08 | Rx14 | -3411.5 | 5638661.8 | 63.1 | | | | | | 63.2 | | | | | |
| Chaparral 09 | Rx14 | -3416.3 | 5638674.1 | 63.2 | | | | | | 63.3 | | | | | |
| Chaparral 10 | Rx14 | -3420 | 5638683.8 | 62.3 | | | | | | 62.4 | | | | | |
| Chaparral 11 | Rx14 | -3422.8 | 5638707.5 | 63.1 | | | | | | 63.2 | | | | | |
| Chaparral 12 | Rx14 | -3424.6 | 5638723.2 | 62.3 | | | | | | 62.4 | | | | | |
| Chaparral 13 | Rx14 | -3452.4 | 5638803.4 | 61.9 | | | | | | 62.1 | | | | | |
| Chaparral 14 | Rx14 | -3458 | 5638819.2 | 61.8 | | | | | | 62.0 | | | | | |
| Chaparral 15 | Rx14 | -3463.7 | 5638835.1 | 62.8 | | | | | | 63.0 | | | | | |
| Chaparral 16 | Rx14 | -3467.7 | 5638846.3 | 63.3 | | | | | | 63.5 | | | | | |
| Chaparral 17 | Rx14 | -3471 | 5638855.7 | 63.4 | | | | | | 63.6 | | | | | |
| Chaparral 18 | Rx14 | -3477 | 5638872.6 | 63.2 | | | | | | 63.3 | | | | | |
| Chaparral 19 | Rx14 | -3481.3 | 5638884.6 | 63.3 | | | | | | 63.5 | | | | | |
| Chaparral 20 | Rx14 | -3484.9 | 5638894.9 | 63.0 | | | | | | 63.1 | | | | | |
| Chaparral 21 | Rx14 | -3491.3 | 5638913 | 62.7 | | | | | | 62.8 | | | | | |
| Chaparral 22 | Rx14 | -3497.3 | 5638929.8 | 63.2 | | | | | | 63.4 | | | | | |
| Chaparral 23 | Rx14 | -3510.7 | 5638967.7 | 63.5 | | | | | | 63.7 | | | | | |
| Chaparral 24 | Rx14 | -3515.8 | 5638981.8 | 63.0 | | | | | | 63.2 | | | | | |
| Chaparral 25 | Rx14 | -3522.5 | 5639000.7 | 63.2 | | | | | | 63.4 | | | | | |
| Chaparral 26 | Rx14 | -3527.1 | 5639013.9 | 64.6 | | | | | | 64.8 | | | | | |
| Chaparral 27 | Rx14 | -3529.5 | 5639024.5 | 64.2 | | | | | | 64.4 | | | | | |
| Chaparral 28 | Rx14 | -3531.8 | 5639035.4 | 64.0 | | | | | | 64.2 | | | | | |
| Chaparral 29 | Rx14 | -3534.2 | 5639047.2 | 63.6 | | | | | | 63.8 | | | | | |
| Chaparral 30 | Rx14 | -3536.7 | 5639059.4 | 62.5 | | | | | | 62.7 | | | | | |
| Chaparral 31 | Rx14 | -3538.7 | 5639068.8 | 63.9 | | | | | | 64.1 | | | | | |
| Chaparral 32 | Rx14 | -3542.3 | 5639086.5 | 64.1 | | | | | | 64.4 | | | | | |
| Chaparral 33 | Rx14 | -3548 | 5639114 | 63.3 | | | | | | 63.5 | | | | | |
| Chaparral 34 | Rx14 | -3521.7 | 5639119.4 | 64.2 | | | | | | 64.4 | | | | | |
| Chaparral 35 | Rx14 | -3509 | 5639126.9 | 58.9 | | | | | | 59.2 | | | | | |
| Chaparral 36 | Rx14 | -3512.2 | 5639162.4 | 61.5 | | | | | | 61.7 | | | | | |
| Chaparral 37 | Rx14 | -3512.1 | 5639186.1 | 62.7 | | | | | | 62.9 | | | | | |
| Chaparral 38 | Rx14 | -3510.6 | 5639204.2 | 61.4 | | | | | | 61.7 | | | | | |
| Chaparral 39 | Rx14 | -3508 | 5639222.5 | 60.6 | | | | | | 60.9 | | | | | |
| Chaparral 40 | Rx14 | -3505 | 5639238.2 | 61.2 | | | | | | 61.5 | | | | | |
| Chaparral 41 | Rx14 | -3484.5 | 5639248.9 | 63.8 | | | | | | 64.1 | | | | | |
| Chaparral 42 | Rx14 | -3470.1 | 5639252.4 | 63.6 | | | | | | 64.0 | | | | | |
| Chaparral 43 | Rx14 | -3458.3 | 5639255.2 | 63.0 | | | | | | 63.4 | | | | | |
| Chaparral 44 | Rx14 | -3447.8 | 5639257.8 | 62.8 | | | | | | 63.1 | | | | | |
| Chaparral 45 | Rx14 | -3436 | 5639260.6 | 62.2 | | | | | | 62.5 | | | | | |
| Chaparral 46 | Rx14 | -3423.8 | 5639263.6 | 61.9 | | | | | | 62.2 | | | | | |
| Chaparral 47 | Rx14 | -3411.8 | 5639266.5 | 61.7 | | | | | | 62.0 | | | | | |
| Chaparral 48 | Rx14 | -3402.1 | 5639268.8 | 61.8 | | | | | | 62.0 | | | | | |
| Chaparral 49 | Rx14 | -3388.7 | 5639272 | 61.4 | | | | | | 61.6 | | | | | |
| Chaparral 50 | Rx14 | -3378.3 | 5639274.5 | 61.0 | | | | | | 61.3 | | | | | |
| Chaparral 51 | Rx14 | -3249.5 | 5639275.1 | 59.9 | | | | | | 60.2 | | | | | |
| Chaparral 52 | Rx14 | -3231.1 | 5639275.1 | 59.4 | | | | | | 59.6 | | | | | |
| Chaparral 53 | Rx14 | -3222.7 | 5639275.1 | 59.2 | | | | | | 59.4 | | | | | |
| Chaparral 54 | Rx14 | -3200 | 5639275.1 | 59.4 | | | | | | 59.6 | | | | | |
| Chaparral 55 | Rx14 | -3186.7 | 5639275.1 | 59.1 | | | | | | 59.3 | | | | | |
| Chaparral 56 | Rx14 | -3173.7 | 5639275.1 | 58.7 | | | | | | 58.9 | | | | | |
| Chaparral 57 | Rx14 | -3165.6 | 5639275.1 | 58.4 | | | | | | 58.6 | | | | | |
| Chaparral 58 | Rx14 | -3154.7 | 5639275.1 | 58.1 | | | | | | 58.3 | | | | | |
| Chaparral 59 | Rx14 | -3143.8 | 5639275.1 | 57.7 | | | | | | 57.9 | | | | | |
| Chaparral 60 | Rx14 | -3129.2 | 5639275.1 | 57.9 | | | | | | 58.1 | | | | | |
| Chaparral 61 | Rx14 | -3121.1 | 5639275.1 | 58.0 | | | | | | 58.2 | | | | | |
| Chaparral 62 | Rx14 | -3107.3 | 5639275.1 | 58.0 | | | | | | 58.2 | | | | | |
| Chaparral 63 | Rx14 | -3098 | 5639275.1 | 57.9 | | | | | | 58.1 | | | | | |
| Chaparral 64 | Rx14 | -3084.2 | 5639275.1 | 58.1 | | | | | | 58.3 | | | | | |
| Chaparral 65 | Rx14 | -3074.5 | 5639275.1 | 58.1 | | | | | | 58.3 | | | | | |
| Chaparral 66 | Rx14 | -3058.3 | 5639275.1 | 58.2 | | | | | | 58.4 | | | | | |
| Chaparral 67 | Rx14 | -3028 | 5639275 | 57.2 | | | | | | 57.4 | | | | | |
| Chaparral 68 | Rx14 | -2870 | 5639275 | 57.4 | | | | | | 57.6 | | | | | |
| Chaparral 69 | Rx14 | -2848.4 | 5639275 | 57.4 | | | | | | 57.5 | | | | | |
| Chaparral 70 | Rx14 | -2832.8 | 5639275 | 57.2 | | | | | | 57.3 | | | | | |
| Chaparral 71 | Rx14 | -2821.9 | 5639275 | 57.0 | | | | | | 57.2 | | | | | |
| Chaparral 72 | Rx14 | -2810.3 | 5639275 | 57.1 | | | | | | 57.2 | | | | | |
| Chaparral 73 | Rx14 | -2797.2 | 5639275 | 57.2 | | | | | | 57.3 | | | | | |
| Chaparral 74 | Rx14 | -2785.6 | 5639275 | 57.0 | | | | | | 57.1 | | | | | |
| Chaparral 75 | Rx14 | -2767.9 | 5639275 | 57.0 | | | | | | 57.1 | | | | | |
| Chaparral 76 | Rx14 | -2750.6 | 5639275 | 56.8 | | | | | | 57.0 | | | | | |

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# South West Calgary Ring Road Central Forecasts

## 2 way AADT (Cars + Trucks) by Mainline Section, Cross Streets and Ramps (1 way)

| Section No. | Mainline Sections | 2025 | 2030 | 2050 |
|---|---|---|---|---|
| 1 | SWCRR (Glenmore Trail) - West of 69 Street | 40,185 | 43,290 | 54,228 |
| 2 | SWCRR (Glenmore Trail) -- 69 Street to Westhills Way | 64,335 | 69,306 | 86,818 |
| 3 | SWCRR (Glenmore Trail) - Westhills Way to 37 Street | 61,550 | 66,305 | 83,059 |
| 4 | SWCRR (Glenmore Trail)- East of 37 Street | 65,309 | 70,354 | 88,132 |
| 5 | SWCRR - Westhills Way to Strathcona St | 28,191 | 30,369 | 38,042 |
| 6 | SWCRR - Strathcona St to 90 Avenue SW | 77,525 | 83,514 | 104,617 |
| 7 | SWCRR - 90 Avenue SW to Anderson Rd SW | 70,242 | 75,669 | 94,789 |
| 8 | SWCRR - Anderson Rd SW to 130 Avenue SW | 70,007 | 75,416 | 94,472 |
| 9 | SWCRR - 130 Avenue SW to 146 Avenue SW | 75,343 | 81,164 | 101,673 |
| 10 | SWCRR - 146 Avenue SW to 162 Avenue SW | 60,442 | 65,112 | 81,565 |
| 11 | SWCRR - 162 Avenue SW to James McKevitt Road SW | 42,185 | 45,445 | 56,928 |
| 12 | SWCRR (H22X) - James McKevitt Road SW to 6 St SW | 47,348 | 51,006 | 63,895 |
| 13 | SWCRR (H22X) - 6 St SW to Macleod Trail SE | 48,537 | 52,287 | 65,499 |
| 14 | SWCRR (H22X) - East of Macleod Trail SE | 48,942 | 52,723 | 66,046 |

| Section No. for Ramp | Intersection | Ramp Sections/ Cross Streets | | | |
|---|---|---|---|---|---|
| 1 | SWCRR & Highway 8 & 69 Street | SWCRR EB (west of Highway 8 to east of Highway 8) | 17,194 | 18,522 | 23,203 |
| 1 | | SWCRR WB (east of Highway 8 to west of Highway 8) | 19,282 | 20,772 | 26,020 |
| 1 | | Highway 8 WB on-ramp | 933 | 1,006 | 1,260 |
| 1 | | Highway 8 EB on-ramp | 3,584 | 3,861 | 4,836 |
| 1 | | Highway 8 WB off-ramp | 3,834 | 4,131 | 5,174 |
| 1 | | Highway 8 EB off-ramp | 936 | 1,008 | 1,263 |
| 1 | | Stoney Trail Extension (west of Highway 8) | 37,532 | 40,432 | 50,648 |
| 1 | | Highway 8 (west of SWCRR) | 9,287 | 10,005 | 12,533 |
| 1 | | 69St WB on-ramp | 1,420 | 1,529 | 1,916 |
| 1 | | 69St EB on-ramp | 8,568 | 9,229 | 11,562 |
| 1 | | 69St WB off-ramp | 10,525 | 11,338 | 14,203 |
| 1 | | 69St EB off-ramp | 845 | 910 | 1,140 |
| 1 | | 69 Street (north of SWCRR) | 16,037 | 17,276 | 21,642 |
| 1 | | 69 Street (south of SWCRR) | 7,494 | 8,073 | 10,113 |
| 2 | SWCRR & Westhills Way | WB on-ramp to SWCRR | 6,003 | 6,467 | 8,101 |
| 2 | | EB off-ramp from SWCRR | 3,820 | 4,115 | 5,154 |
| 2 | | EB on-ramp to Glenmore Trail | 2,292 | 2,469 | 3,093 |
| 2 | | Westhills Way (north of SWCRR) | 4,502 | 4,850 | 6,076 |
| 2 | | Westhills Way (south of SWCRR) | 13,426 | 14,463 | 18,118 |
| 3 | SWCRR/Glenmore Trail/Sarcee Trail Ramps | EB - SWCRR to Glenmore Trail (west to east) | 24,926 | 26,852 | 33,637 |
| 3 | | WB - Glemore Trail to SWCRR (east to west) | 22,848 | 24,614 | 30,833 |
| 3 | | NB - SWCRR to Sarcee Trail (south to north) | 25,717 | 27,704 | 34,705 |
| 3 | | SB - Sarcee Trail to SWCRR (north to south) | 25,671 | 27,654 | 34,642 |
| 3 | | EB on-ramp | 828 | 892 | 1,117 |
| 3 | | Sarcee Trail SW to Glenmore Trail (North to east) | 13,876 | 14,948 | 18,725 |
| 3 | | Sarcee Trail SW to SWCRR (north to west) | 127 | 137 | 172 |
| 3 | | Sarcee Trail SW to Westhills Way SW (north to west) | 381 | 411 | 515 |
| 3 | | Glenmore Trail SW to Sarcee Trail SW (east to north) | 5,974 | 6,435 | 8,061 |
| 3 | | Glenmore Trail SW to SWCRR (east to south) | 7,403 | 7,975 | 9,990 |
| 3 | | Glenmore Trail SW to Westhills Way (east to north) | 3,979 | 4,287 | 5,370 |
| 3 | | SWCRR to Glenmore Trail SW (south to east) | 14,234 | 15,334 | 19,209 |
| 3 | | Sarcee Trail (north of SWCRR) | 76,184 | 82,070 | 102,808 |
| 3 | Glenmore Trail & 37 Street | EB on-ramp | 10,447 | 11,254 | 14,097 |
| 3 | | WB on-ramp | 7,914 | 8,526 | 10,680 |
| 3 | | WB off-ramp | 7,430 | 8,004 | 10,027 |
| 3 | | EB off-ramp | 11,481 | 12,368 | 15,493 |
| 3 | | 37 Street (north of Glenmore Trail) | 30,340 | 32,684 | 40,943 |
| 3 | | 37 Street (south of Glenmore Trail) | 29,279 | 31,541 | 39,511 |
| 5 | SWCRR & Strathcona St | SB on-ramp | 9,049 | 9,748 | 12,211 |
| 5 | | NB off-ramp | 7,467 | 8,044 | 10,077 |
| 5 | | NB on-ramp to Glemmore Trail East (south to north) | 1,972 | 2,125 | 2,662 |
| 5 | | NB on-ramp to Sarcee Trail SW (south to north) | 3,468 | 3,736 | 4,680 |
| 5 | | Strathcona Street (east of SWCRR) | 21,512 | 23,174 | 29,030 |
| 5 | | Strathcona Street (west of SWCRR) | 10,277 | 11,071 | 13,869 |
| 6 | SWCRR & 90 Avenue/Southland Drive | NB on-ramp | 10,299 | 11,095 | 13,898 |
| 6 | | SB on-ramp | 5,264 | 5,671 | 7,103 |
| 6 | | NB off-ramp | 8,211 | 8,846 | 11,081 |
| 6 | | SB off-ramp | 10,346 | 11,145 | 13,961 |
| 6 | | 90 Avenue (east of SWCRR) | 34,101 | 36,735 | 46,018 |
| 6 | | Southland Drive (South of 90 Avenue) | 26,381 | 28,419 | 35,600 |
| 7 | SWCRR & Anderson Road | NB on-ramp | 11,871 | 12,788 | 16,020 |
| 7 | | SB on-ramp | 9,604 | 10,346 | 12,960 |
| 7 | | NB off-ramp | 15,573 | 16,776 | 21,015 |
| 7 | | SB off-ramp | 10,302 | 11,098 | 13,902 |
| 7 | | Anderson Road (east of SWCRR) | 51,553 | 55,536 | 69,568 |
| 8 | SWCRR & 130 Avenue | SB on-ramp | 4,326 | 4,660 | 5,837 |
| 8 | | NB off-ramp | 5,875 | 6,329 | 7,929 |
| 8 | | 130 Avenue (east of SWCRR) | 4,883 | 5,260 | 6,590 |

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# South West Calgary Ring Road Central Forecasts

## 2 way AADT (Cars + Trucks) by Mainline Section, Cross Streets and Ramps (1 way)

| Section No. | Mainline Sections | 2025 | 2030 | 2050 |
|---|---|---|---|---|
| 1 | SWCRR (Glenmore Trail) - West of 69 Street | 40,185 | 43,290 | 54,228 |
| 2 | SWCRR (Glenmore Trail) -- 69 Street to Westhills Way | 64,335 | 69,306 | 86,818 |
| 3 | SWCRR (Glenmore Trail) - Westhills Way to 37 Street | 61,550 | 66,305 | 83,059 |
| 4 | SWCRR (Glenmore Trail)- East of 37 Street | 65,309 | 70,354 | 88,132 |
| 5 | SWCRR - Westhills Way to Strathcona St | 28,191 | 30,369 | 38,042 |
| 6 | SWCRR - Strathcona St to 90 Avenue SW | 77,525 | 83,514 | 104,617 |
| 7 | SWCRR - 90 Avenue SW to Anderson Rd SW | 70,242 | 75,669 | 94,789 |
| 8 | SWCRR - Anderson Rd SW to 130 Avenue SW | 70,007 | 75,416 | 94,472 |
| 9 | SWCRR - 130 Avenue SW to 146 Avenue SW | 75,343 | 81,164 | 101,673 |
| 10 | SWCRR - 146 Avenue SW to 162 Avenue SW | 60,442 | 65,112 | 81,565 |
| 11 | SWCRR - 162 Avenue SW to James McKevitt Road SW | 42,185 | 45,445 | 56,928 |
| 12 | SWCRR (H22X) - James McKevitt Road SW to 6 St SW | 47,348 | 51,006 | 63,895 |
| 13 | SWCRR (H22X) - 6 St SW to Macleod Trail SE | 48,537 | 52,287 | 65,499 |
| 14 | SWCRR (H22X) - East of Macleod Trail SE | 48,942 | 52,723 | 66,046 |

| Section No. for Ramp | Intersection | Ramp Sections/ Cross Streets | | | |
|---|---|---|---|---|---|
| 8 | | 130 Avenue (west of SWCRR) | 7,229 | 7,787 | 9,755 |
| 9 | SWCRR & 146 Avenue | NB on-ramp | 15,438 | 16,630 | 20,833 |
| 9 | | SB on-ramp | 3,321 | 3,577 | 4,481 |
| 9 | | NB off-ramp | 2,476 | 2,667 | 3,341 |
| 9 | | SB off-ramp | 14,119 | 15,210 | 19,053 |
| 9 | | EB-NB on-ramp loop | 9,948 | 10,717 | 13,424 |
| 9 | | Fish Creek Blvd (east of SWCRR) | 15,394 | 16,583 | 20,773 |
| 9 | | 146 Avenue (west of SWCRR) | 27,967 | 30,128 | 37,741 |
| 10 | SWCRR & 162 Avenue | NB on-ramp | 8,369 | 9,015 | 11,293 |
| 10 | | SB on-ramp | 7,915 | 8,526 | 10,681 |
| 10 | | EB-NB on-ramp loop | 8,246 | 8,883 | 11,127 |
| 10 | | SB off-ramp | 7,131 | 7,682 | 9,623 |
| 10 | | 162 Avenue (east of SWCRR) | 17,575 | 18,933 | 23,717 |
| 10 | | 162 Avenue (west of SWCRR) | 18,204 | 19,610 | 24,565 |
| 11 | SWCRR & Highway 22X | H22 east to H22 west | 9,287 | 10,005 | 12,533 |
| 11 | | H22 east to H22 west | 12,630 | 13,606 | 17,044 |
| 11 | | H22 west to SWCRR (north) | 7,774 | 8,375 | 10,491 |
| 11 | | SWCRR (north) to H22 (west) | 10,039 | 10,814 | 13,547 |
| 11 | | H22 (Spruce Meadows Trail) | 34,678 | 37,357 | 46,797 |
| 11 | Stoney Trail (Highway 22X) & James McKevitt Roa | WB on-ramp | 6,826 | 7,354 | 9,212 |
| 11 | | EB on-ramp | 13,970 | 15,049 | 18,852 |
| 11 | | WB off-ramp | 10,439 | 11,246 | 14,087 |
| 11 | | EB off-ramp | 5,168 | 5,568 | 6,975 |
| 11 | | James McKevitt Road SW (north of H22) | 14,246 | 15,347 | 19,225 |
| 11 | | Spruce Meadows Way SW (south of H22) | 7,932 | 8,545 | 10,704 |
| 12 | Stoney Trail (Highway 22X) & 6 Street SW | WB on-ramp | 7,113 | 7,663 | 9,599 |
| 12 | | EB off-ramp | 7,983 | 8,600 | 10,773 |
| 12 | | 6 Street SW (North of H22) | 11,412 | 12,293 | 15,399 |
| 12 | | Sheriff King Street (Southof H22) | 11,770 | 12,679 | 15,883 |
| 13 | Stoney Trail (Highway 22X) & Macleod Trail | WB on-ramp | 14,902 | 16,053 | 20,109 |
| 13 | | EB on-ramp | 3,971 | 4,278 | 5,359 |
| 13 | | WB off-ramp | 12,609 | 13,583 | 17,015 |
| 13 | | EB off-ramp | 13,612 | 14,664 | 18,369 |
| 13 | | WB-SB on-ramp | 1,965 | 2,117 | 2,652 |
| 13 | | NB-WB on-ramp | 8,003 | 8,622 | 10,800 |
| 13 | | SB-EB on-ramp loop | 6,499 | 7,001 | 8,770 |
| 13 | | EB-NB on-ramp loop | 5,424 | 5,843 | 7,320 |
| 13 | | Macleod Trail (North of H22) | 73,943 | 79,656 | 99,784 |
| 13 | | Macleod Trail ( Southof H22) | 68,469 | 73,759 | 92,397 |