

Legend

- Proposed Designation
- Noise contours
 - 50-55 dB
 - 55-60 dB
 - 60-65 dB
 - 65-70 dB
- PPFs
 - Category A (New Road)
 - Category B (New Road)
 - Category A (Altered Road)
 - Category B (Altered Road)
 - Category C (Altered Road)
- * Crown owned
 - PPFs removed
- Road surface
 - SMA
 - Chipseal
 - Proposed highway

1:5000

Project
 Ōtaki to North of Levin

Client
 Stantec (for Waka Kotahi)

Title
 Predicted sound levels (2039)
 Without Project
 Figure NV101

Drawn
 MS

Date
 8 Dec 2023



- Legend**
- Proposed Designation
 - Noise contours
 - 50-55 dB
 - 55-60 dB
 - 60-65 dB
 - 65-70 dB
 - PPFs
 - Category A (New Road)
 - Category B (New Road)
 - Category A (Altered Road)
 - Category B (Altered Road)
 - Category C (Altered Road)
 - * Crown owned
 - PPFs removed
 - Road surface
 - SMA
 - Chipseal
 - Proposed highway

1:5000

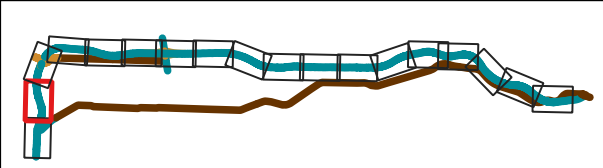
Project
 Otaki to North of Levin

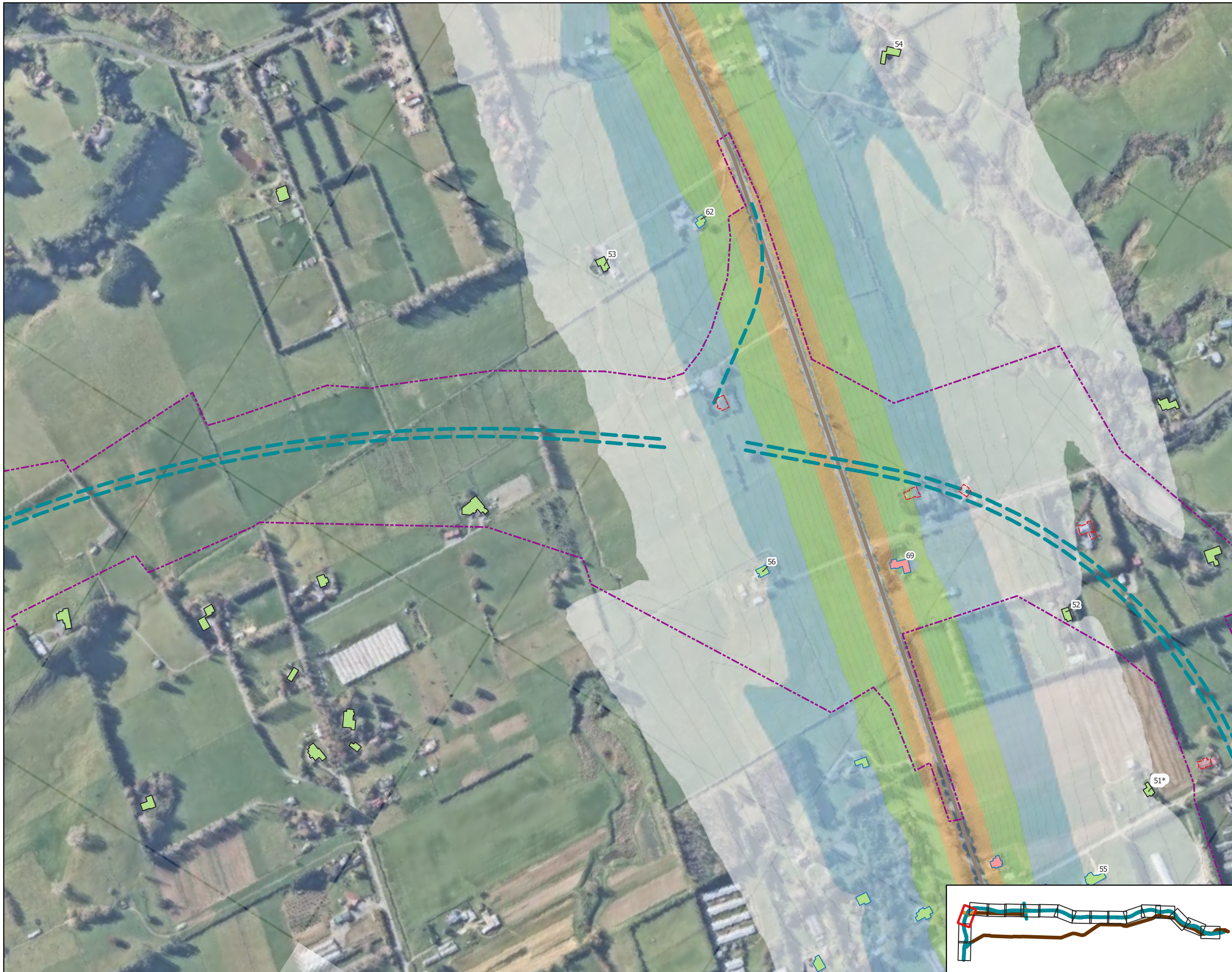
Client
 Stantec (for Waka Kotahi)

Title
 Predicted sound levels (2039)
 Without Project
 Figure NV102

Drawn
 MS

Date
 8 Dec 2023





Legend

- Proposed Designation
- Noise contours
 - 50-55 dB
 - 55-60 dB
 - 60-65 dB
 - 65-70 dB
- PPFs
 - Category A (New Road)
 - Category B (New Road)
 - Category A (Altered Road)
 - Category B (Altered Road)
 - Category C (Altered Road)
- * Crown owned
- PPFs removed
- Road surface
 - SMA
 - Chipseal
 - Proposed highway

1:5000

Project
 Ōtaki to North of Levin

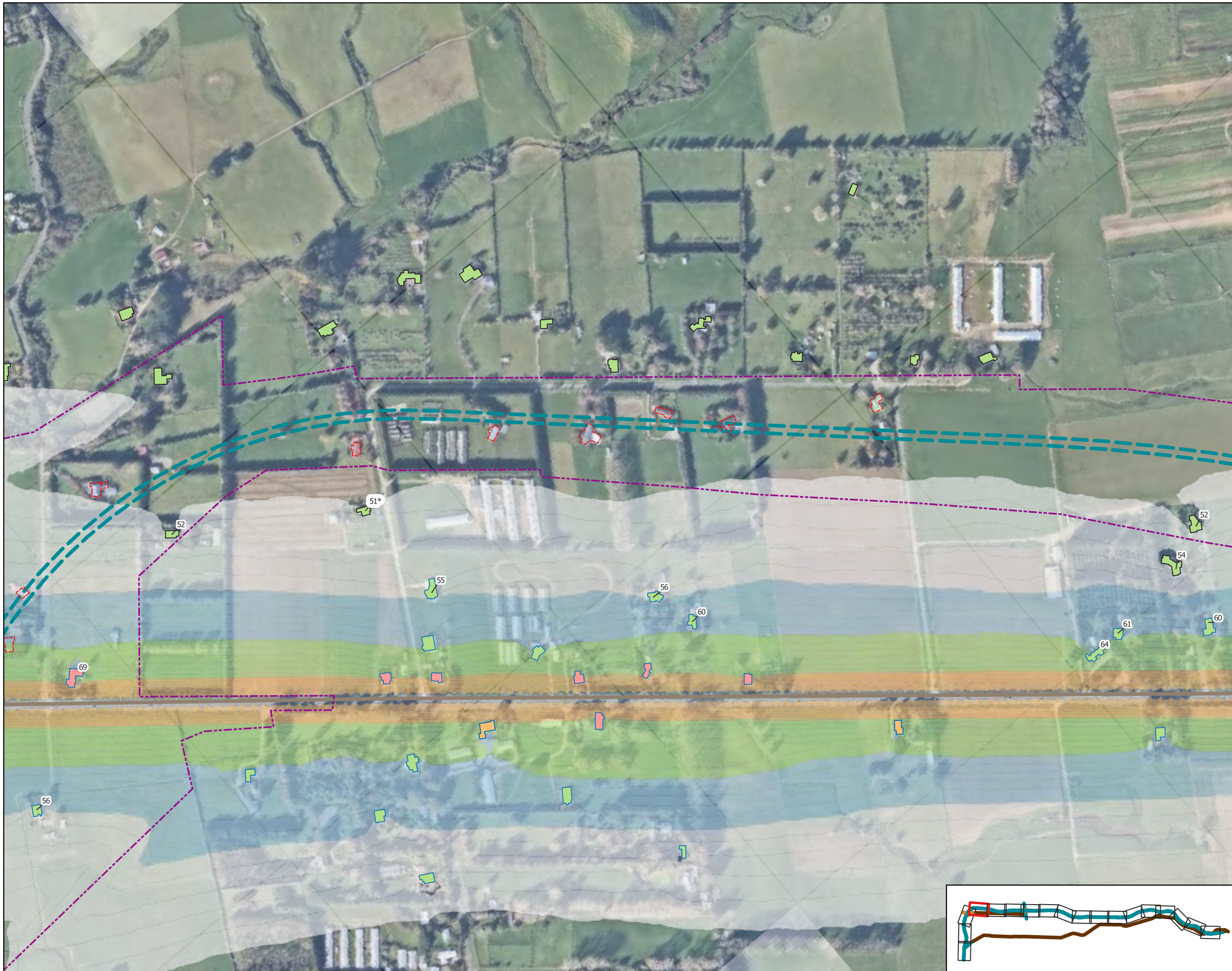
Client
 Stantec (for Waka Kotahi)

Title
 Predicted sound levels (2039)
 Without Project
 Figure NV103

Drawn
 MS

Date
 8 Dec 2023





Legend

- Proposed Designation
- Noise contours
 - 50-55 dB
 - 55-60 dB
 - 60-65 dB
 - 65-70 dB
- PPFs
 - Category A (New Road)
 - Category B (New Road)
 - Category A (Altered Road)
 - Category B (Altered Road)
 - Category C (Altered Road)
- * Crown owned
- PPFs removed
- Road surface
 - SMA
 - Chipseal
 - Proposed highway

1:5000

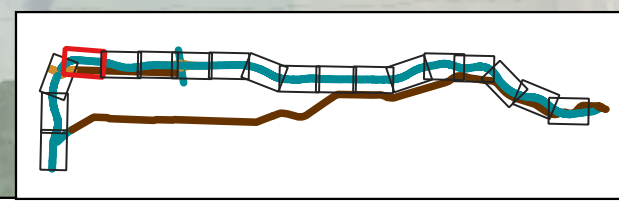
Project
 Otaki to North of Levin

Client
 Stantec (for Waka Kotahi)

Title
 Predicted sound levels (2039)
 Without Project
 Figure NV104

Drawn
 MS

Date
 8 Dec 2023





Legend

- Proposed Designation
- Noise contours
 - 50-55 dB
 - 55-60 dB
 - 60-65 dB
 - 65-70 dB
- PPFs
 - Category A (New Road)
 - Category B (New Road)
 - Category A (Altered Road)
 - Category B (Altered Road)
 - Category C (Altered Road)
- * Crown owned
 - PPFs removed
- Road surface
 - SMA
 - Chipseal
 - Proposed highway

1:5000

Project
 Ōtaki to North of Levin

Client
 Stantec (for Waka Kotahi)

Title
 Predicted sound levels (2039)
 Without Project
 Figure NV105

Drawn
 MS

Date
 8 Dec 2023



Legend

- Proposed Designation
- Noise contours
 - 50-55 dB
 - 55-60 dB
 - 60-65 dB
 - 65-70 dB
- PPFs
 - Category A (New Road)
 - Category B (New Road)
 - Category A (Altered Road)
 - Category B (Altered Road)
 - Category C (Altered Road)
- * Crown owned
 - PPFs removed
- Road surface
 - SMA
 - Chipseal
 - Proposed highway

1:5000

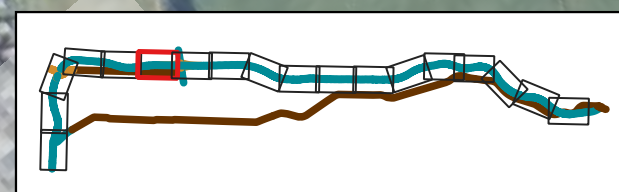
Project
 Otaki to North of Levin

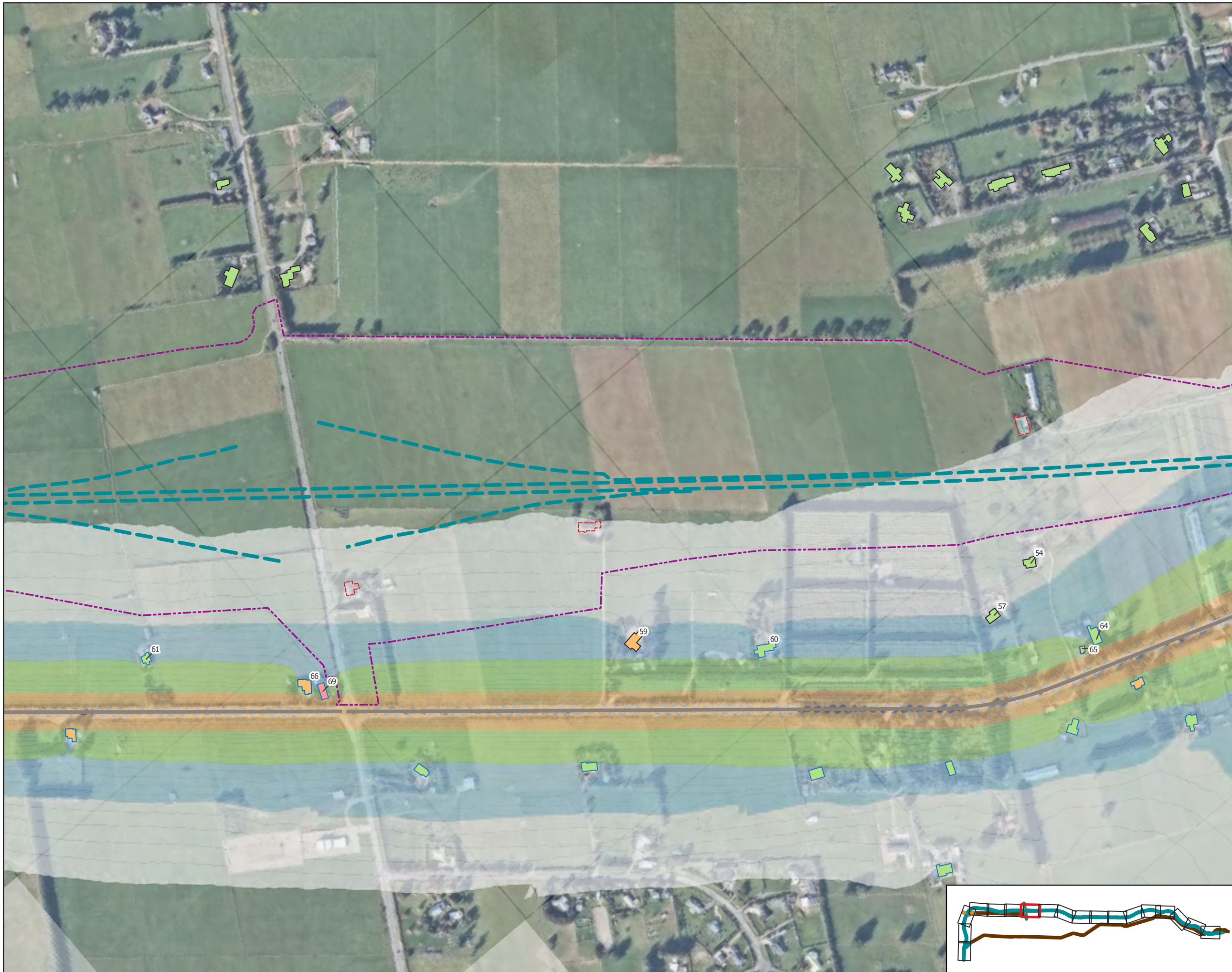
Client
 Stantec (for Waka Kotahi)

Title
 Predicted sound levels (2039)
 Without Project
 Figure NV106

Drawn
 MS

Date
 8 Dec 2023





Legend

- Proposed Designation

- Noise contours
- 50-55 dB
- 55-60 dB
- 60-65 dB
- 65-70 dB

- PPFs
- Category A (New Road)
- Category B (New Road)
- Category A (Altered Road)
- Category B (Altered Road)
- Category C (Altered Road)

- * Crown owned
- PPFs removed

- Road surface
- SMA
- Chipseal
- Proposed highway

1:5000

Project
 Otaki to North of Levin

Client
 Stantec (for Waka Kotahi)

Title
 Predicted sound levels (2039)
 Without Project
 Figure NV107

Drawn
 MS

Date
 8 Dec 2023





Legend

- Proposed Designation
- Noise contours
 - 50-55 dB
 - 55-60 dB
 - 60-65 dB
 - 65-70 dB
- PPFs
 - Category A (New Road)
 - Category B (New Road)
 - Category A (Altered Road)
 - Category B (Altered Road)
 - Category C (Altered Road)
- * Crown owned
- PPFs removed
- Road surface
 - SMA
 - Chipseal
 - Proposed highway

1:5000

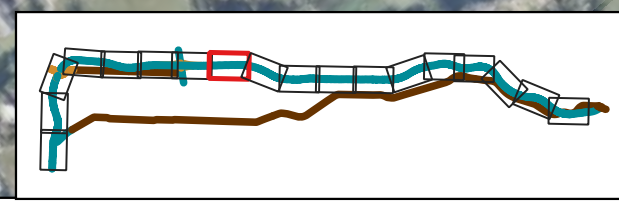
Project
 Ōtaki to North of Levin

Client
 Stantec (for Waka Kotahi)

Title
 Predicted sound levels (2039)
 Without Project
 Figure NV108

Drawn
 MS

Date
 8 Dec 2023





Legend

- Proposed Designation
- Noise contours
- 50-55 dB
- 55-60 dB
- 60-65 dB
- 65-70 dB
- PPFs
- Category A (New Road)
- Category B (New Road)
- Category A (Altered Road)
- Category B (Altered Road)
- Category C (Altered Road)
- * Crown owned
- PPFs removed
- Road surface
- SMA
- Chipseal
- Proposed highway

1:5000

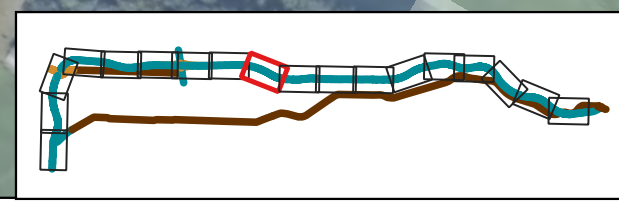
Project
 Ōtaki to North of Levin

Client
 Stantec (for Waka Kotahi)

Title
 Predicted sound levels (2039)
 Without Project
 Figure NV109

Drawn
 MS

Date
 8 Dec 2023





Legend

- Proposed Designation
- Noise contours
- 50-55 dB
- 55-60 dB
- 60-65 dB
- 65-70 dB
- PPFs
- Category A (New Road)
- Category B (New Road)
- Category A (Altered Road)
- Category B (Altered Road)
- Category C (Altered Road)
- * Crown owned
- PPFs removed
- Road surface
- SMA
- Chipseal
- Proposed highway

1:5000

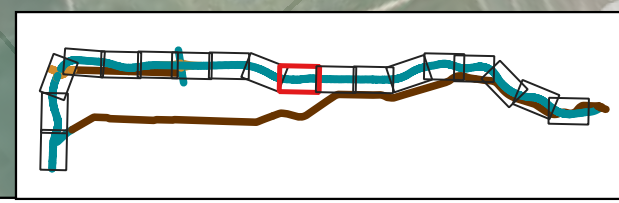
Project
 Otaki to North of Levin

Client
 Stantec (for Waka Kotahi)

Title
 Predicted sound levels (2039)
 Without Project
 Figure NV110

Drawn
 MS

Date
 8 Dec 2023





Legend

Proposed Designation

Noise contours

50-55 dB

55-60 dB

60-65 dB

65-70 dB

PPFs

Category A (New Road)

Category B (New Road)

Category A (Altered Road)

Category B (Altered Road)

Category C (Altered Road)

* Crown owned

PPFs removed

Road surface

SMA

Chipseal

Proposed highway

1:5000

Project

Ōtaki to North of Levin

Client

Stantec (for Waka Kotahi)

Title

Predicted sound levels (2039)

Without Project

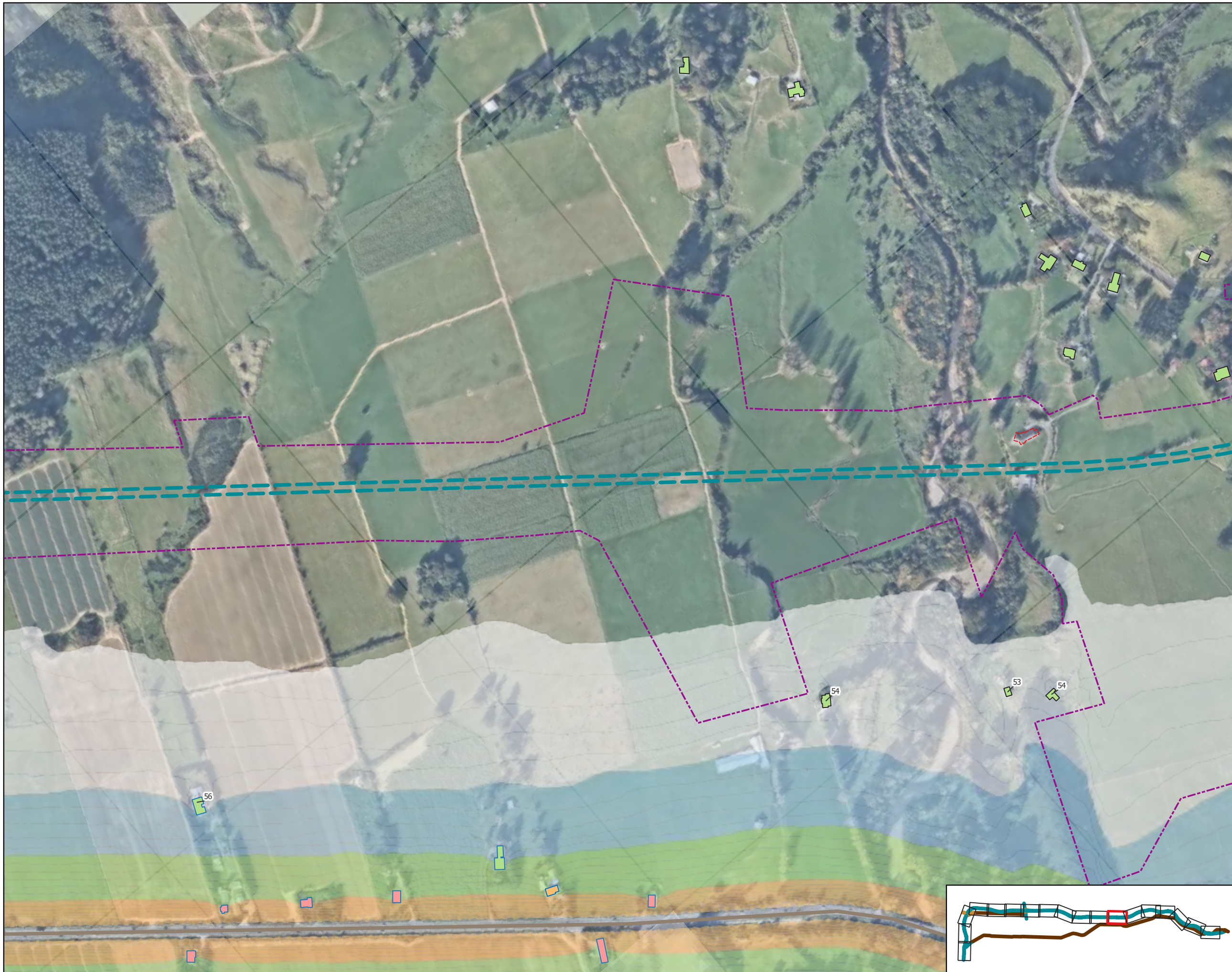
Figure NV111

Drawn

MS

Date

8 Dec 2023



Legend

- Proposed Designation
- Noise contours
- 50-55 dB
- 55-60 dB
- 60-65 dB
- 65-70 dB
- PPFs
- Category A (New Road)
- Category B (New Road)
- Category A (Altered Road)
- Category B (Altered Road)
- Category C (Altered Road)
- * Crown owned
- PPFs removed
- Road surface
- SMA
- Chipseal
- Proposed highway

1:5000

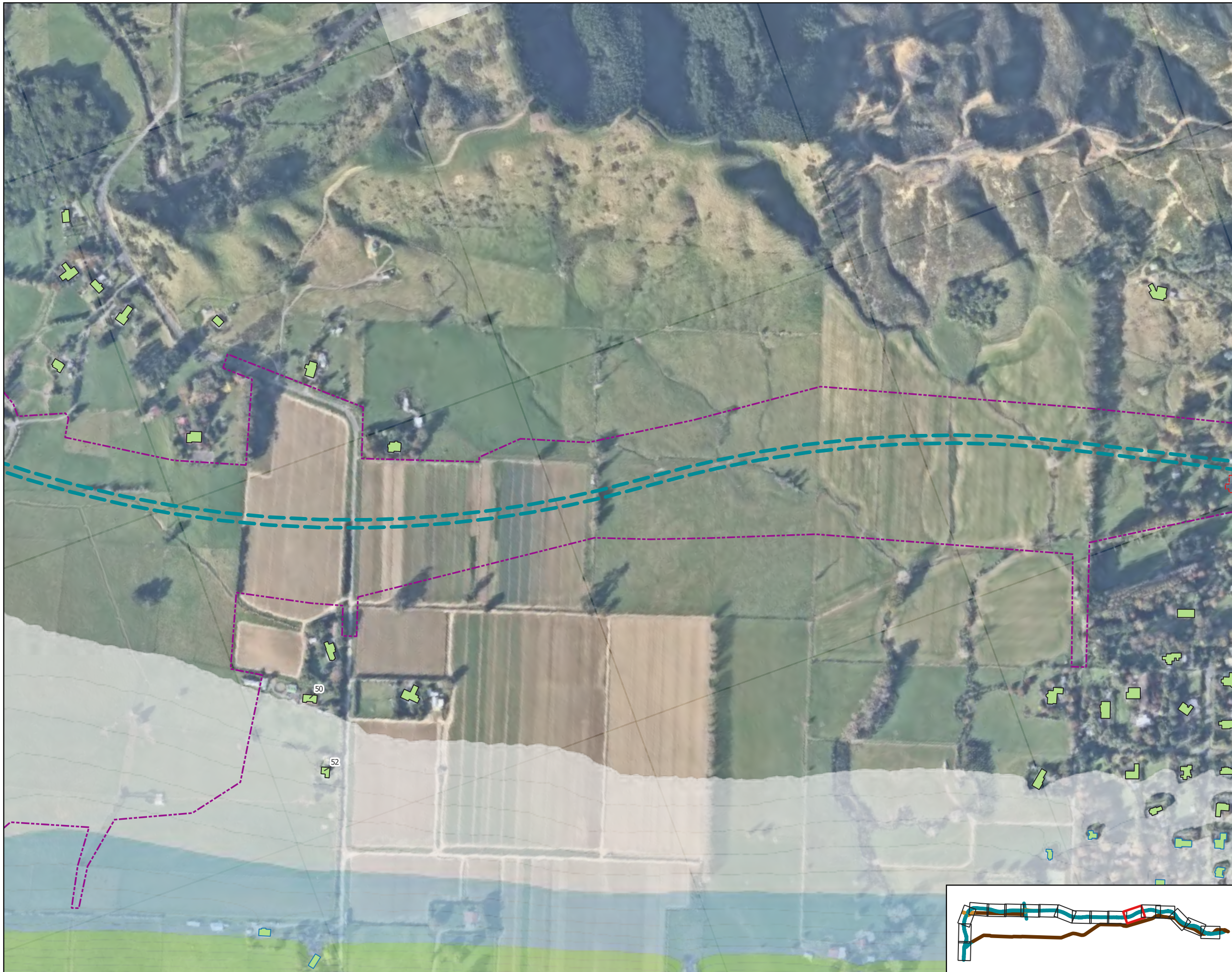
Project
 Ōtaki to North of Levin

Client
 Stantec (for Waka Kotahi)

Title
 Predicted sound levels (2039)
 Without Project
 Figure NV112

Drawn
 MS

Date
 8 Dec 2023



Legend

Proposed Designation

Noise contours

- 50-55 dB
- 55-60 dB
- 60-65 dB
- 65-70 dB

PPFs

- Category A (New Road)
- Category B (New Road)
- Category A (Altered Road)
- Category B (Altered Road)
- Category C (Altered Road)

* Crown owned

PPFs removed

Road surface

- SMA
- Chipseal
- Proposed highway

1:5000

Project

Otaki to North of Levin

Client

Stantec (for Waka Kotahi)

Title

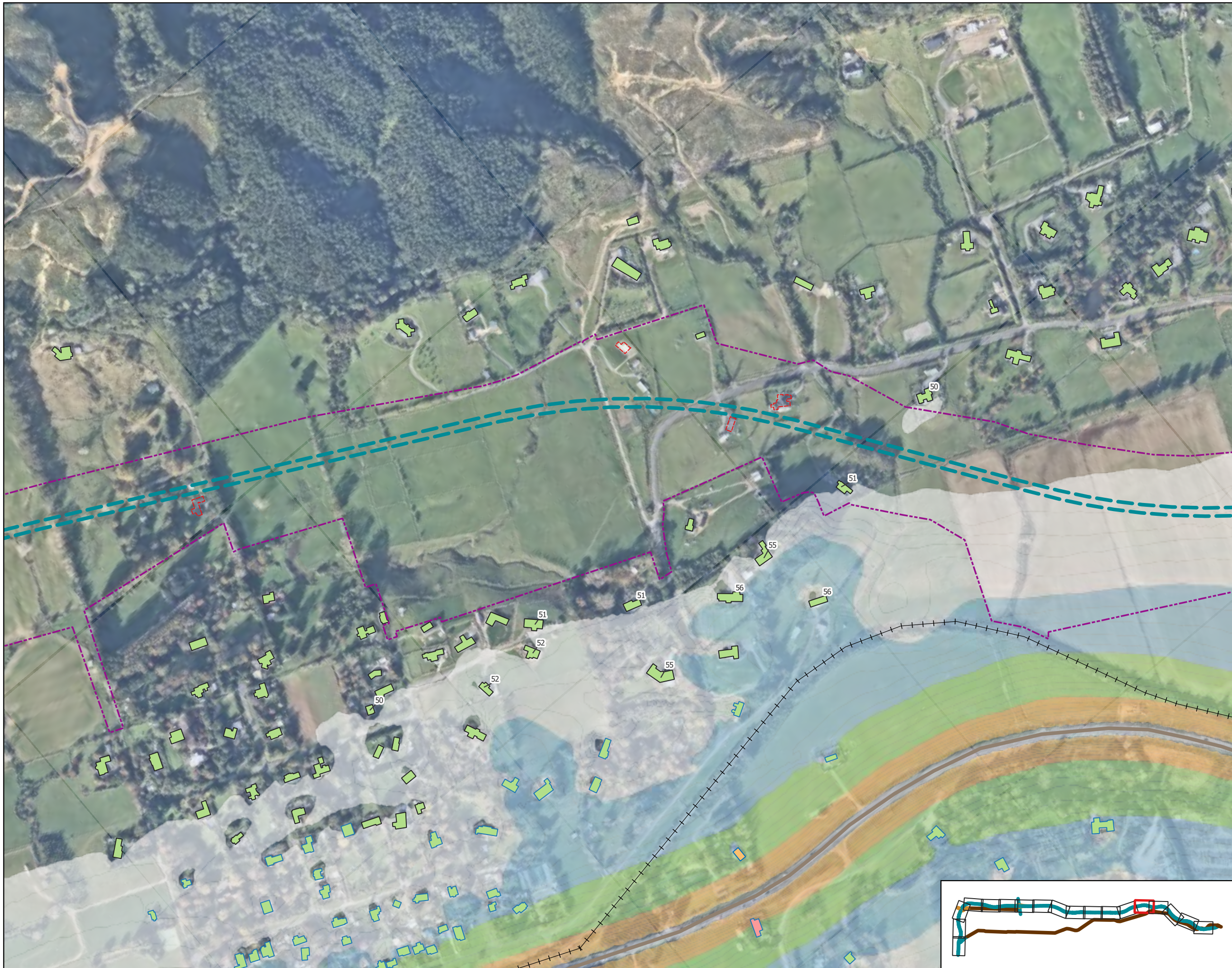
Predicted sound levels (2039)
Without Project
Figure NV113

Drawn

MS

Date

8 Dec 2023



Legend

- Proposed Designation

- Noise contours
- 50-55 dB
- 55-60 dB
- 60-65 dB
- 65-70 dB

- PPFs
- Category A (New Road)
- Category B (New Road)
- Category A (Altered Road)
- Category B (Altered Road)
- Category C (Altered Road)

- * Crown owned
- PPFs removed

- Road surface
- SMA
- Chipseal
- Proposed highway

1:5000

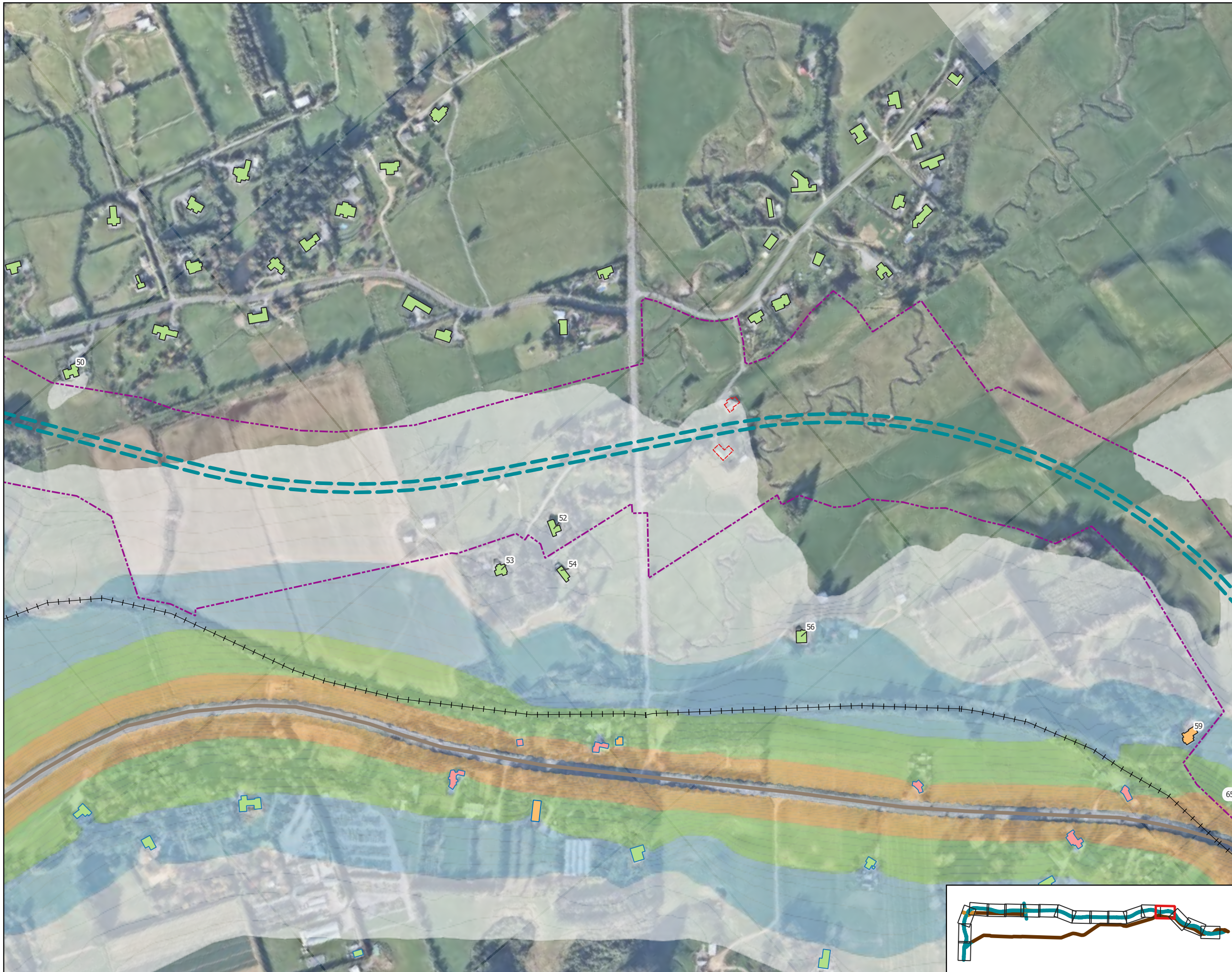
Project
 Ōtaki to North of Levin

Client
 Stantec (for Waka Kotahi)

Title
 Predicted sound levels (2039)
 Without Project
 Figure NV114

Drawn
 MS

Date
 8 Dec 2023



Legend

- Proposed Designation

- Noise contours
- 50-55 dB
- 55-60 dB
- 60-65 dB
- 65-70 dB

- PPFs
- Category A (New Road)
- Category B (New Road)
- Category A (Altered Road)
- Category B (Altered Road)
- Category C (Altered Road)

- * Crown owned
- PPFs removed

- Road surface
- SMA
- Chipseal
- Proposed highway

1:5000

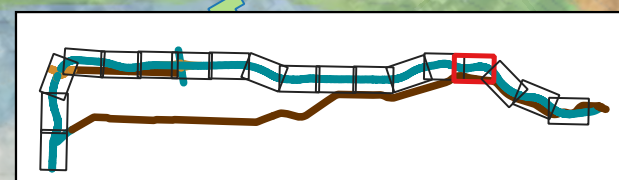
Project
 Otaki to North of Levin

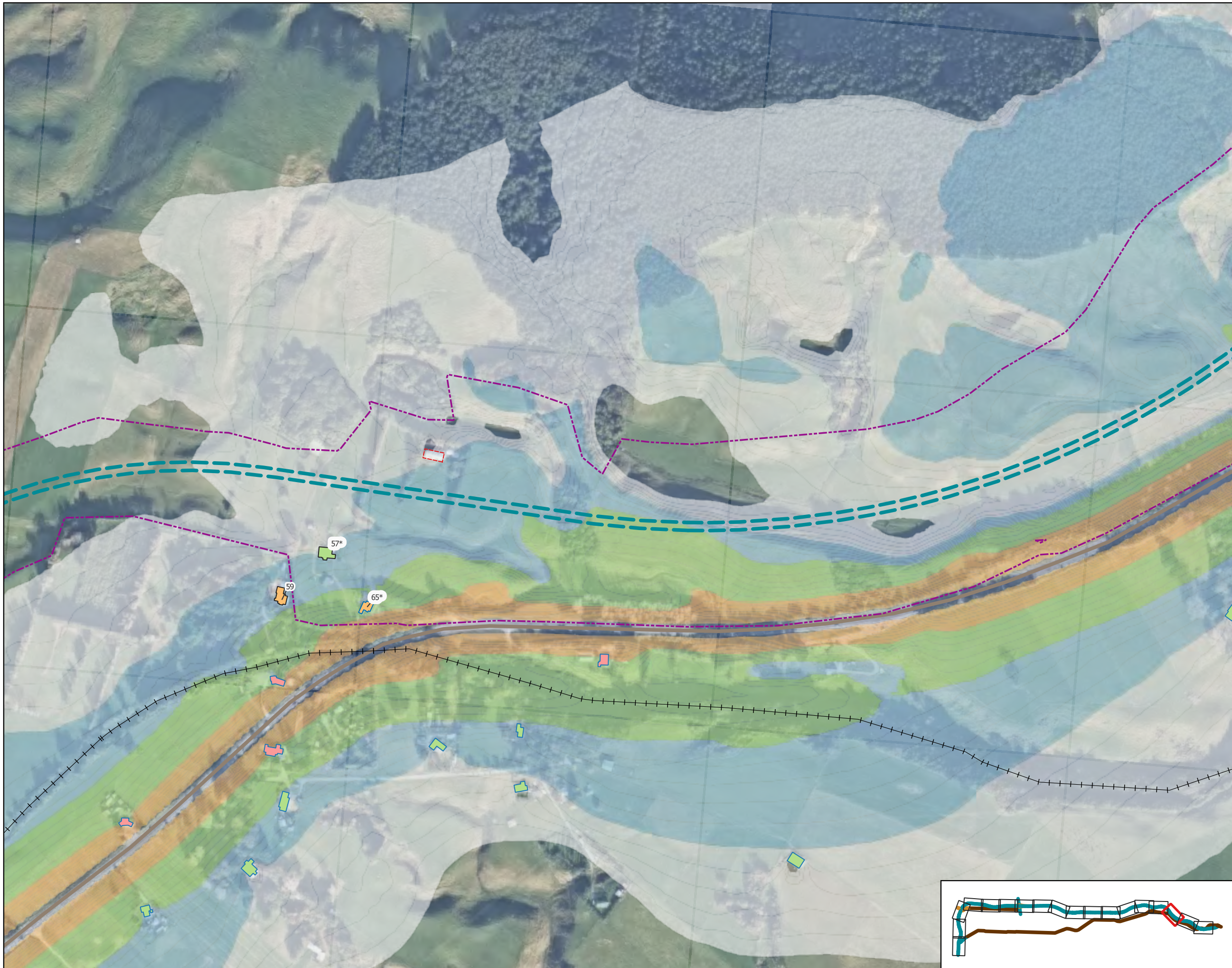
Client
 Stantec (for Waka Kotahi)

Title
 Predicted sound levels (2039)
 Without Project
 Figure NV115

Drawn
 MS

Date
 8 Dec 2023





- Legend**
- Proposed Designation
 - Noise contours
 - 50-55 dB
 - 55-60 dB
 - 60-65 dB
 - 65-70 dB
 - PPFs
 - Category A (New Road)
 - Category B (New Road)
 - Category A (Altered Road)
 - Category B (Altered Road)
 - Category C (Altered Road)
 - * Crown owned
 - PPFs removed
 - Road surface
 - SMA
 - Chipseal
 - Proposed highway

1:5000

Project
 Ōtaki to North of Levin

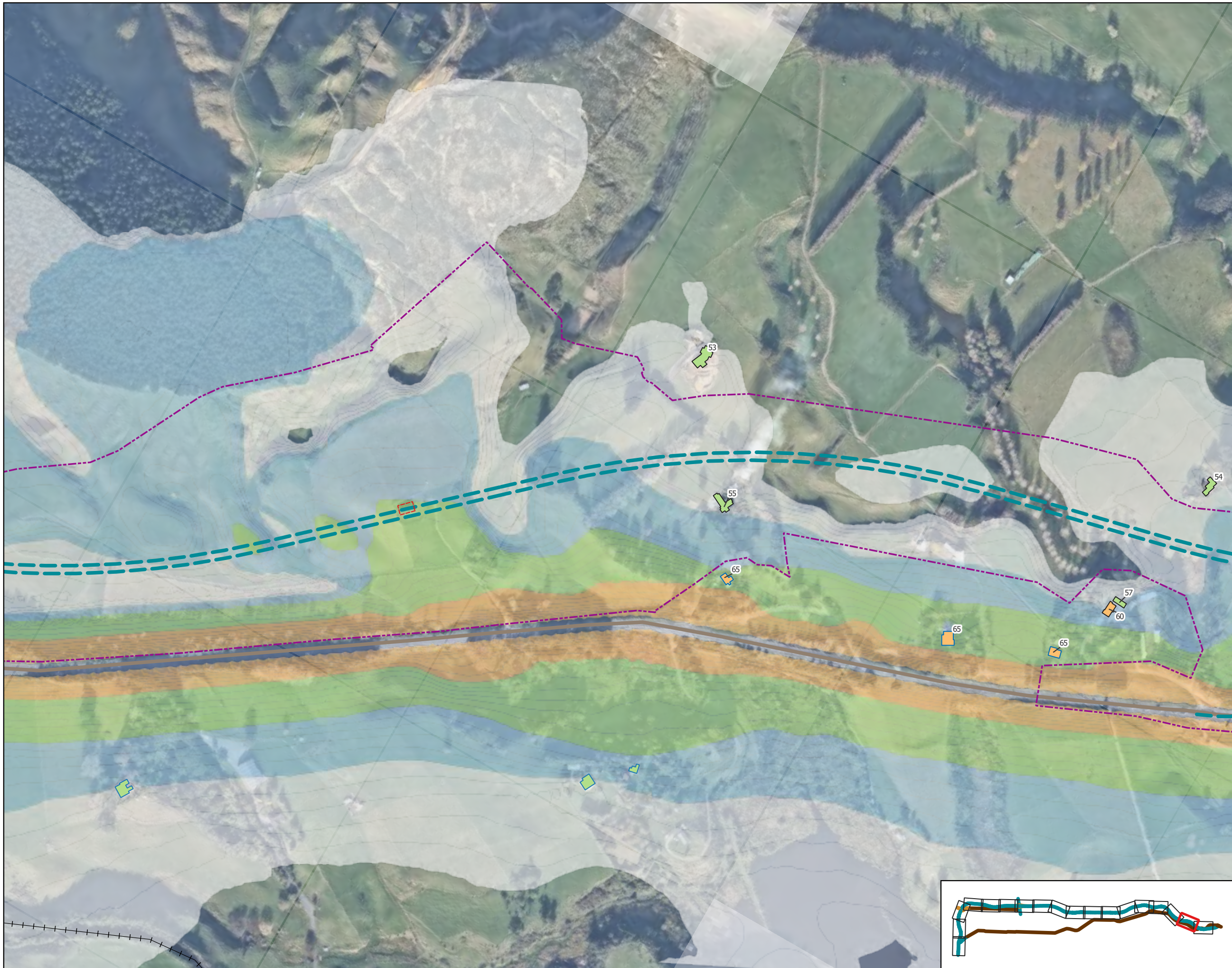
Client
 Stantec (for Waka Kotahi)

Title
 Predicted sound levels (2039)
 Without Project
 Figure NV116

Drawn
 MS

Date
 8 Dec 2023





Legend

- Proposed Designation
- Noise contours
 - 50-55 dB
 - 55-60 dB
 - 60-65 dB
 - 65-70 dB
- PPFs
 - Category A (New Road)
 - Category B (New Road)
 - Category A (Altered Road)
 - Category B (Altered Road)
 - Category C (Altered Road)
- * Crown owned
 - PPFs removed
- Road surface
 - SMA
 - Chipseal
 - Proposed highway

1:5000

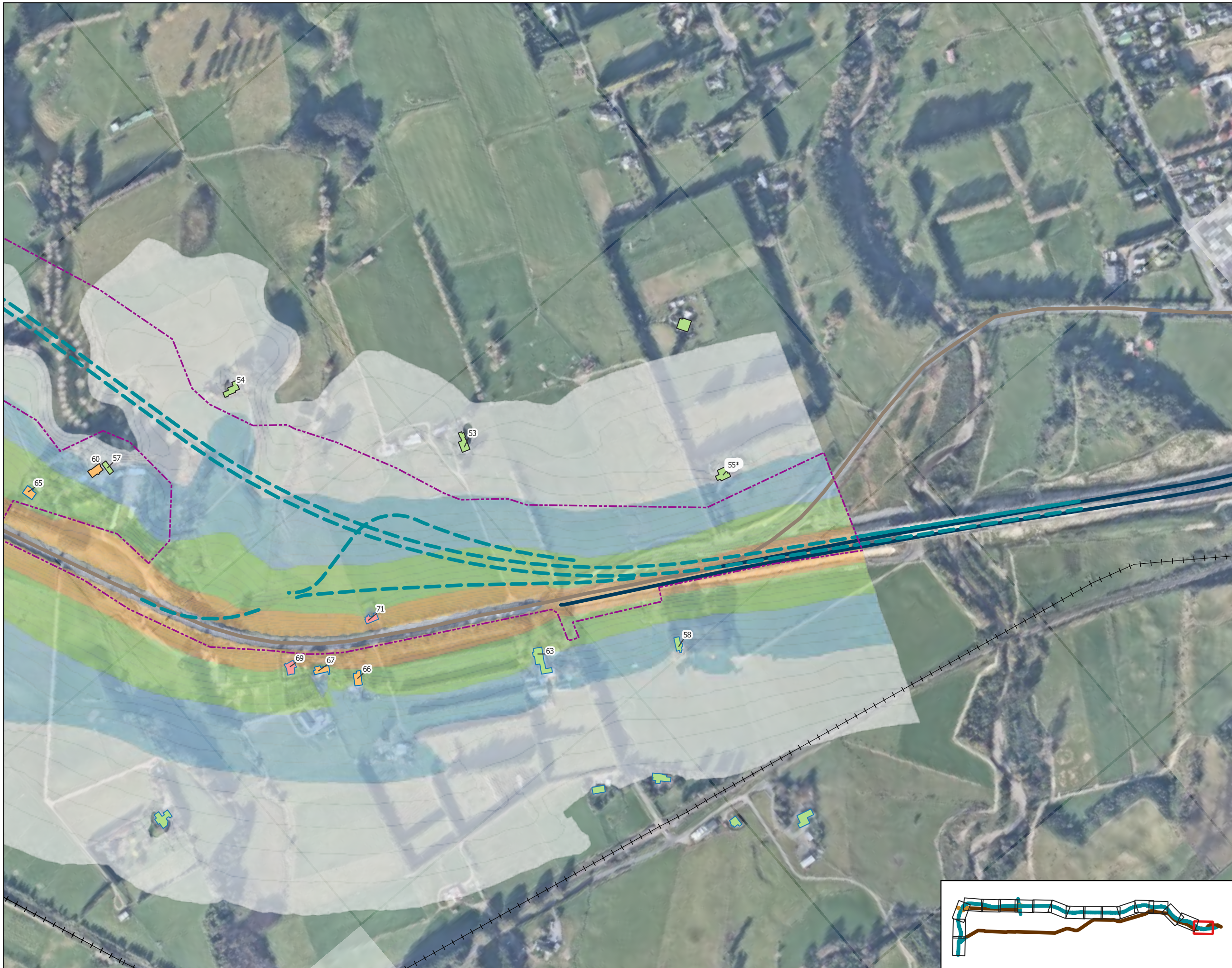
Project
 Ōtaki to North of Levin

Client
 Stantec (for Waka Kotahi)

Title
 Predicted sound levels (2039)
 Without Project
 Figure NV117

Drawn
 MS

Date
 8 Dec 2023



Legend

- Proposed Designation
- Noise contours
 - 50-55 dB
 - 55-60 dB
 - 60-65 dB
 - 65-70 dB
- PPFs
 - Category A (New Road)
 - Category B (New Road)
 - Category A (Altered Road)
 - Category B (Altered Road)
 - Category C (Altered Road)
- * Crown owned
- PPFs removed
- Road surface
 - SMA
 - Chipseal
 - Proposed highway

1:5000

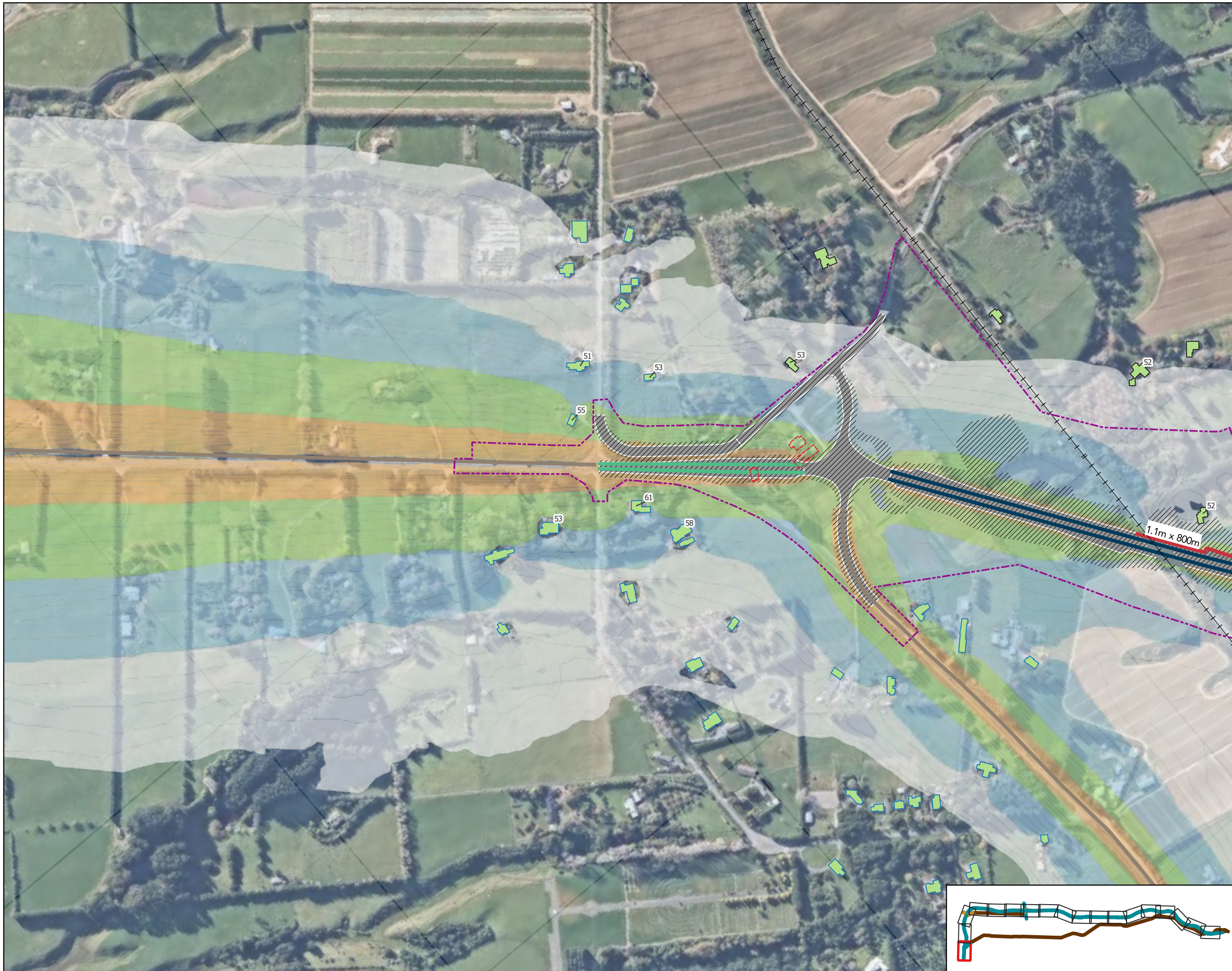
Project
 Ōtaki to North of Levin

Client
 Stantec (for Waka Kotahi)

Title
 Predicted sound levels (2039)
 Without Project
 Figure NV118

Drawn
 MS

Date
 8 Dec 2023



Legend

- Proposed Designation
- Earthworks
- Noise contours
 - 50-55 dB
 - 55-60 dB
 - 60-65 dB
 - 65-70 dB
- PPFs copy
 - Category A (New Road)
 - Category B (New Road)
 - Category A (Altered Road)
 - Category B (Altered Road)
 - Category C (Altered Road)
- * Crown owned
 - PPFs removed
 - Noise walls
- Road surface
 - EPA (30mm)
 - EPA (50mm)
 - Chipseal
 - SMA

1:5000

Project
Otaki to North of Levin

Client
Stantec (for Waka Kotahi)

Title
Predicted sound levels (2039)
Selected Options (Mitigation)
Figure NV201


















Drawn
MS

Date
8 Dec 2023





Legend

-  Proposed Designation
-  Earthworks
- Noise contours
 -  50-55 dB
 -  55-60 dB
 -  60-65 dB
 -  65-70 dB
- PPFs copy
 -  Category A (New Road)
 -  Category B (New Road)
 -  Category A (Altered Road)
 -  Category B (Altered Road)
 -  Category C (Altered Road)
- * Crown owned
-  PPFs removed
-  Noise walls
- Road surface
 -  EPA (30mm)
 -  EPA (50mm)
 -  Chipseal
 -  SMA

1:5000

Project
Otaki to North of Levin

Client
Stantec (for Waka Kotahi)

Title
Predicted sound levels (2039)
Selected Options (Mitigation)
Figure NV202

Drawn
MS

Date
8 Dec 2023



Legend

- Proposed Designation
- Earthworks
- Noise contours
 - 50-55 dB
 - 55-60 dB
 - 60-65 dB
 - 65-70 dB
- PPFs copy
 - Category A (New Road)
 - Category B (New Road)
 - Category A (Altered Road)
 - Category B (Altered Road)
 - Category C (Altered Road)
- * Crown owned
 - PPFs removed
 - Noise walls
- Road surface
 - EPA (30mm)
 - EPA (50mm)
 - Chipseal
 - SMA

1:5000

Project
Otaki to North of Levin

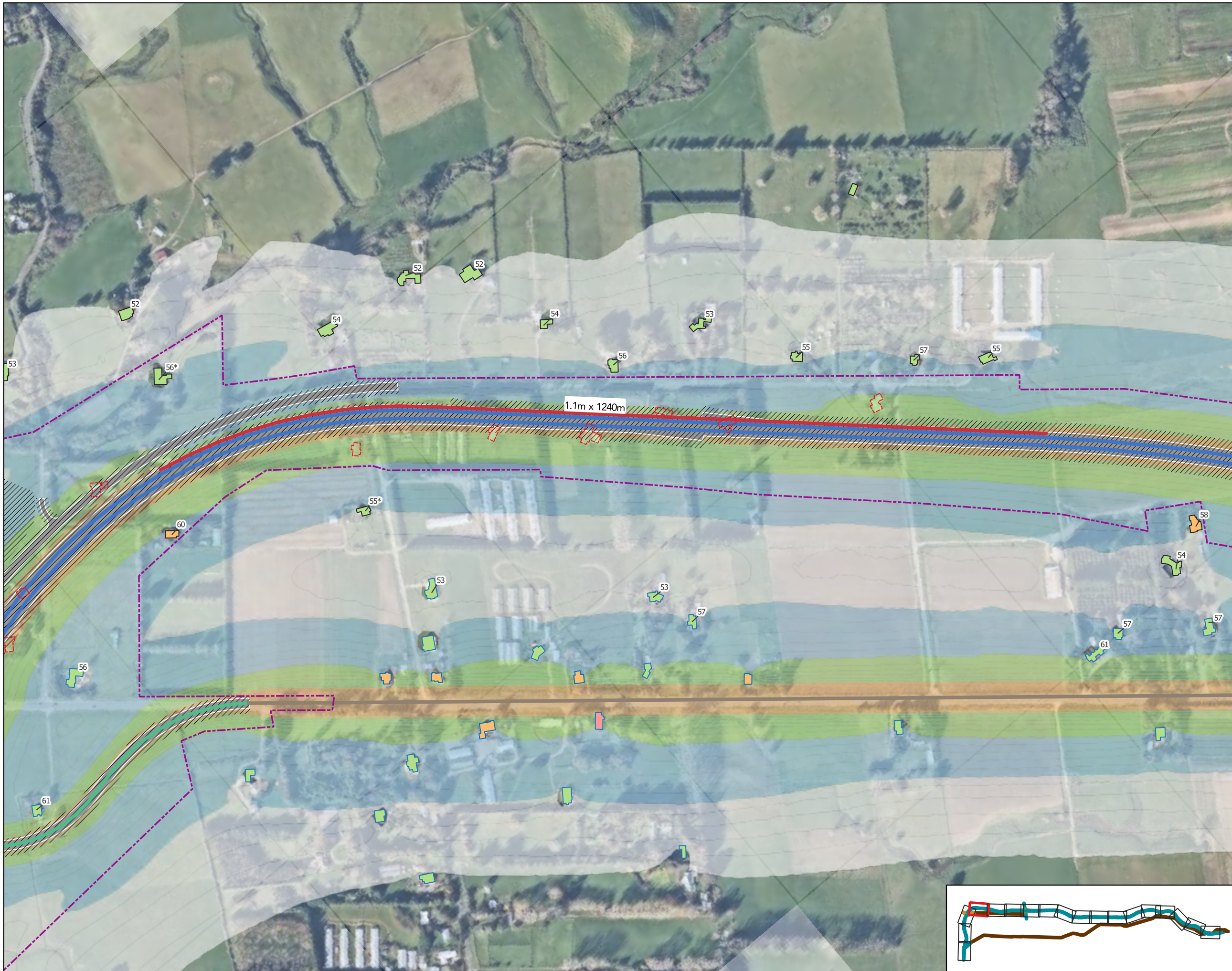
Client
Stantec (for Waka Kotahi)

Title
Predicted sound levels (2039)
Selected Options (Mitigation)
Figure NV203

Drawn
MS

Date
8 Dec 2023





Legend

- Proposed Designation
- Earthworks
- Noise contours
 - 50-55 dB
 - 55-60 dB
 - 60-65 dB
 - 65-70 dB
- PPFs copy
 - Category A (New Road)
 - Category B (New Road)
 - Category A (Altered Road)
 - Category B (Altered Road)
 - Category C (Altered Road)
- * Crown owned
- PPFs removed
- Noise walls
- Road surface
 - EPA (30mm)
 - EPA (50mm)
 - Chipseal
 - SMA

1:5000

Project
Otaki to North of Levin

Client
Stantec (for Waka Kotahi)

Title
Predicted sound levels (2039)
Selected Options (Mitigation)
Figure NV204

Drawn
MS

Date
8 Dec 2023



- Legend**
- Proposed Designation
 - Earthworks
 - Noise contours
 - 50-55 dB
 - 55-60 dB
 - 60-65 dB
 - 65-70 dB
 - PPFs copy
 - Category A (New Road)
 - Category B (New Road)
 - Category A (Altered Road)
 - Category B (Altered Road)
 - Category C (Altered Road)
 - * Crown owned
 - PPFs removed
 - Noise walls
 - Road surface
 - EPA (30mm)
 - EPA (50mm)
 - Chipseal
 - SMA

1:5000

Project
Ōtaki to North of Levin

Client
Stantec (for Waka Kotahi)

Title
Predicted sound levels (2039)
Selected Options (Mitigation)
Figure NV205

Drawn
MS

Date
8 Dec 2023



Legend

- Proposed Designation
- Earthworks
- Noise contours
 - 50-55 dB
 - 55-60 dB
 - 60-65 dB
 - 65-70 dB
- PPFs copy
 - Category A (New Road)
 - Category B (New Road)
 - Category A (Altered Road)
 - Category B (Altered Road)
 - Category C (Altered Road)
- * Crown owned
 - PPFs removed
 - Noise walls
- Road surface
 - EPA (30mm)
 - EPA (50mm)
 - Chipseal
 - SMA

1:5000

Project
Ōtaki to North of Levin

Client
Stantec (for Waka Kotahi)

Title
Predicted sound levels (2039)
Selected Options (Mitigation)
Figure NV206

Drawn
MS

Date
8 Dec 2023



Legend

- Proposed Designation
- Earthworks
- Noise contours
 - 50-55 dB
 - 55-60 dB
 - 60-65 dB
 - 65-70 dB
- PPFs copy
 - Category A (New Road)
 - Category B (New Road)
 - Category A (Altered Road)
 - Category B (Altered Road)
 - Category C (Altered Road)
- * Crown owned
 - PPFs removed
 - Noise walls
- Road surface
 - EPA (30mm)
 - EPA (50mm)
 - Chipseal
 - SMA

1:5000

Project
Otaki to North of Levin

Client
Stantec (for Waka Kotahi)


















Title
Predicted sound levels (2039)
Selected Options (Mitigation)
Figure NV207

Drawn
MS

Date
8 Dec 2023



Legend

-  Proposed Designation
-  Earthworks
- Noise contours
 -  50-55 dB
 -  55-60 dB
 -  60-65 dB
 -  65-70 dB
- PPFs copy
 -  Category A (New Road)
 -  Category B (New Road)
 -  Category A (Altered Road)
 -  Category B (Altered Road)
 -  Category C (Altered Road)
- * Crown owned
-  PPFs removed
-  Noise walls
- Road surface
 -  EPA (30mm)
 -  EPA (50mm)
 -  Chipseal
 -  SMA

1:5000

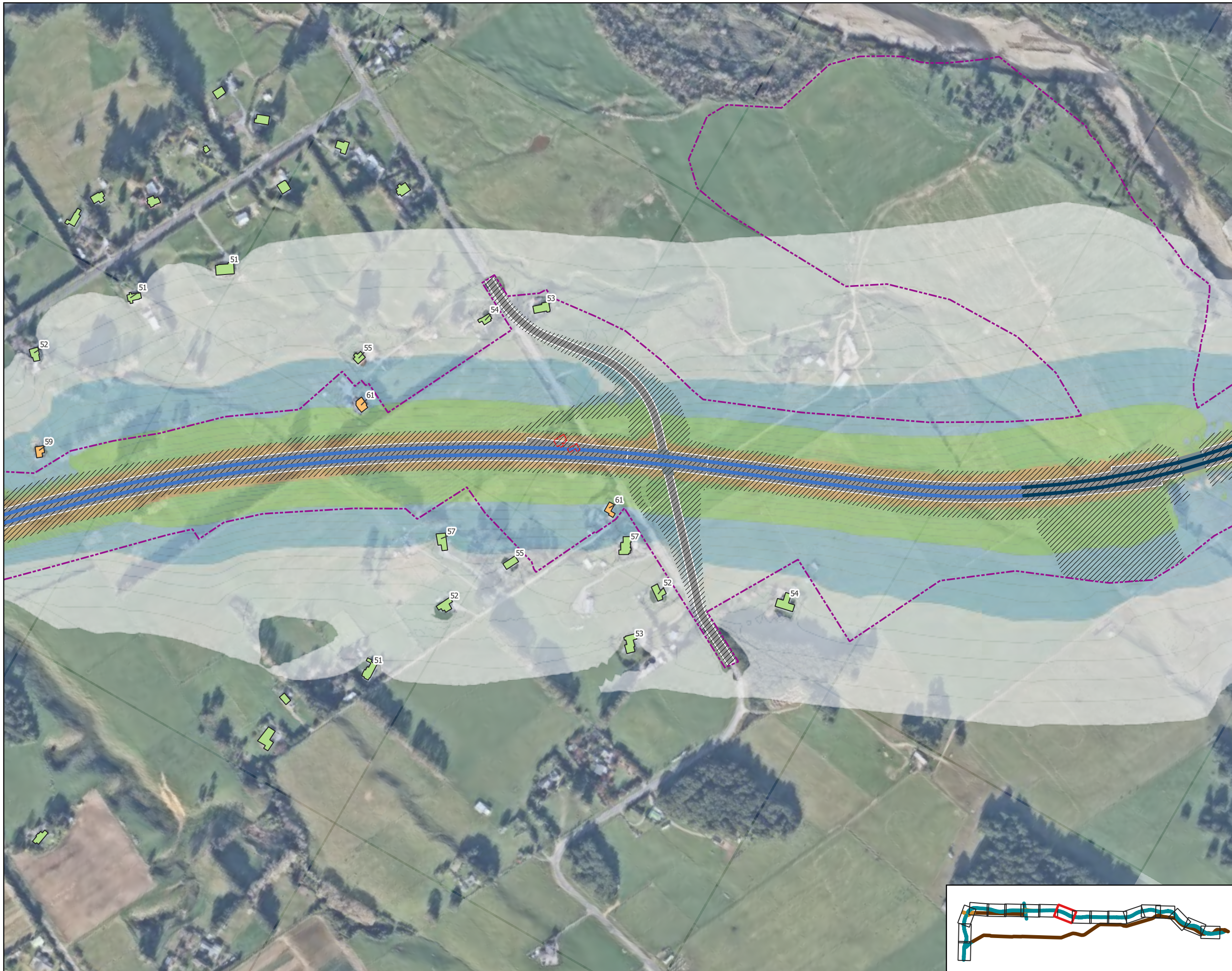
Project
Otaki to North of Levin

Client
Stantec (for Waka Kotahi)


















Title
Predicted sound levels (2039)
Selected Options (Mitigation)
Figure NV208

Drawn
MS

Date
8 Dec 2023



Legend

-  Proposed Designation
-  Earthworks
- Noise contours
 -  50-55 dB
 -  55-60 dB
 -  60-65 dB
 -  65-70 dB
- PPFs copy
 -  Category A (New Road)
 -  Category B (New Road)
 -  Category A (Altered Road)
 -  Category B (Altered Road)
 -  Category C (Altered Road)
- * Crown owned
 -  PPFs removed
 -  Noise walls
- Road surface
 -  EPA (30mm)
 -  EPA (50mm)
 -  Chipseal
 -  SMA

1:5000

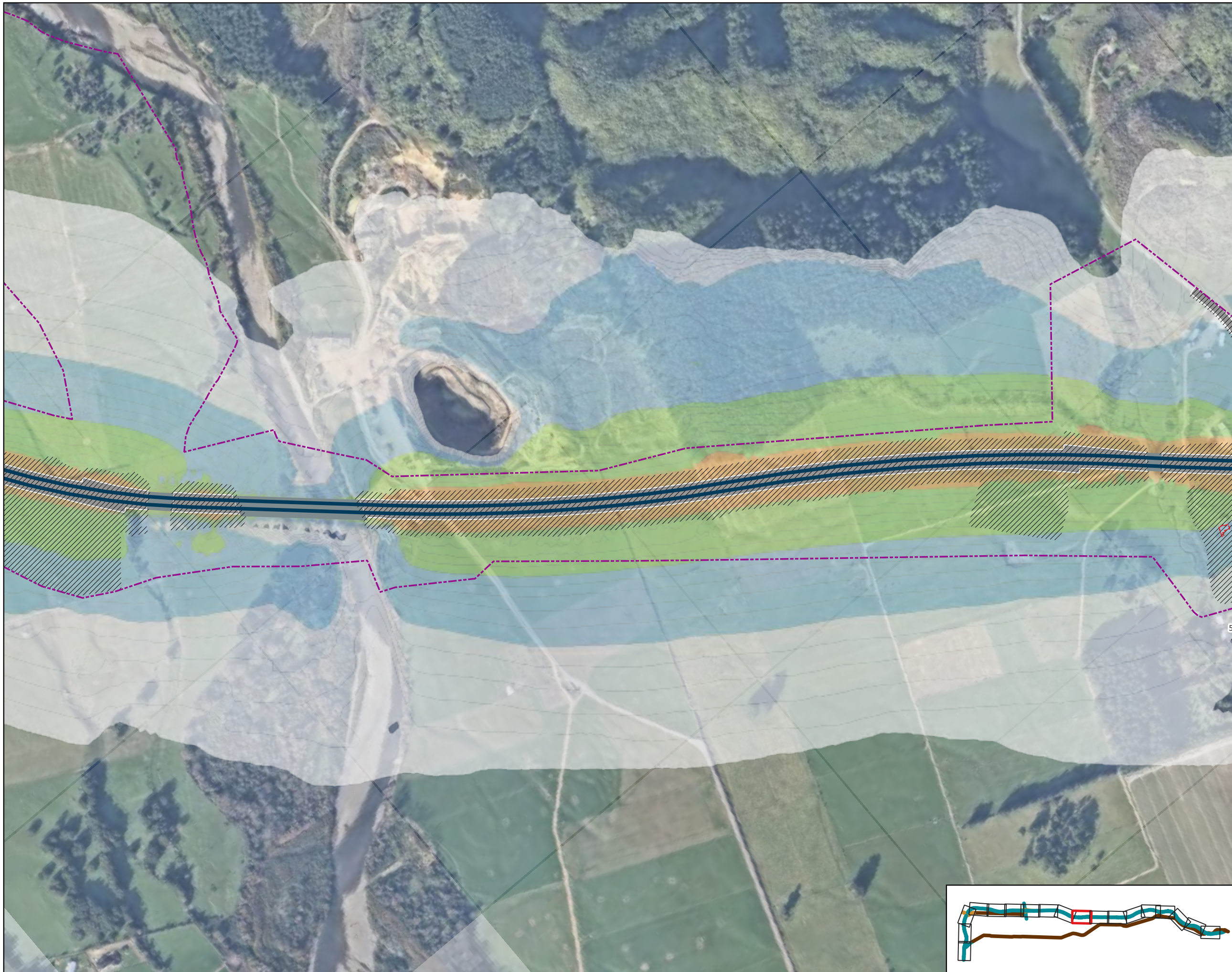
Project
Ōtaki to North of Levin

Client
Stantec (for Waka Kotahi)


















Title
Predicted sound levels (2039)
Selected Options (Mitigation)
Figure NV209

Drawn
MS

Date
8 Dec 2023



Legend

-  Proposed Designation
-  Earthworks
- Noise contours
 -  50-55 dB
 -  55-60 dB
 -  60-65 dB
 -  65-70 dB
- PPFs copy
 -  Category A (New Road)
 -  Category B (New Road)
 -  Category A (Altered Road)
 -  Category B (Altered Road)
 -  Category C (Altered Road)
- * Crown owned
 -  PPFs removed
 -  Noise walls
- Road surface
 -  EPA (30mm)
 -  EPA (50mm)
 -  Chipseal
 -  SMA

1:5000

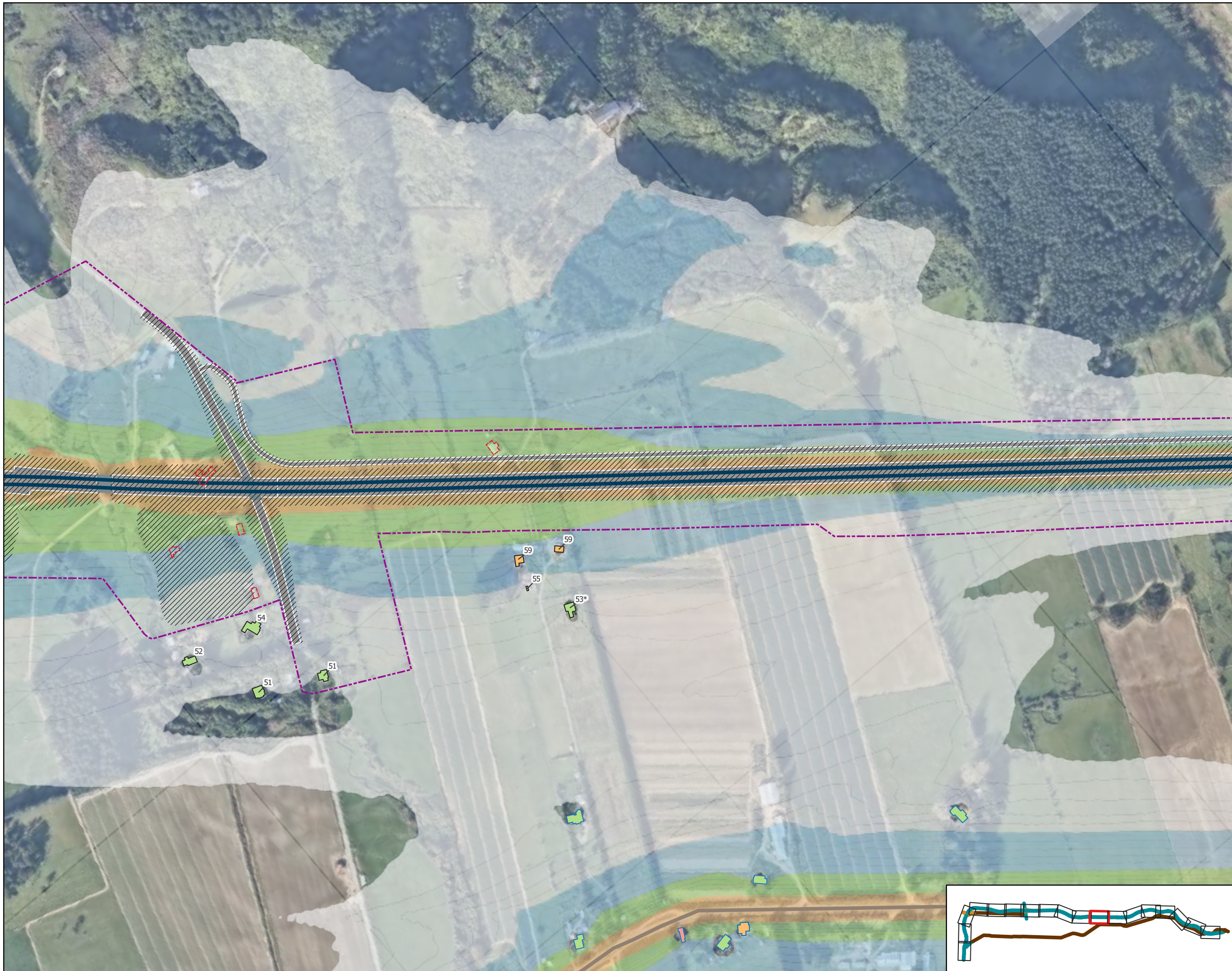
Project
Otaki to North of Levin

Client
Stantec (for Waka Kotahi)

Title
Predicted sound levels (2039)
Selected Options (Mitigation)
Figure NV210

Drawn
MS

Date
8 Dec 2023



Legend

- Proposed Designation
- Earthworks
- Noise contours
 - 50-55 dB
 - 55-60 dB
 - 60-65 dB
 - 65-70 dB
- PPFs copy
 - Category A (New Road)
 - Category B (New Road)
 - Category A (Altered Road)
 - Category B (Altered Road)
 - Category C (Altered Road)
- * Crown owned
 - PPFs removed
 - Noise walls
- Road surface
 - EPA (30mm)
 - EPA (50mm)
 - Chipseal
 - SMA

1:5000

Project
Otaki to North of Levin

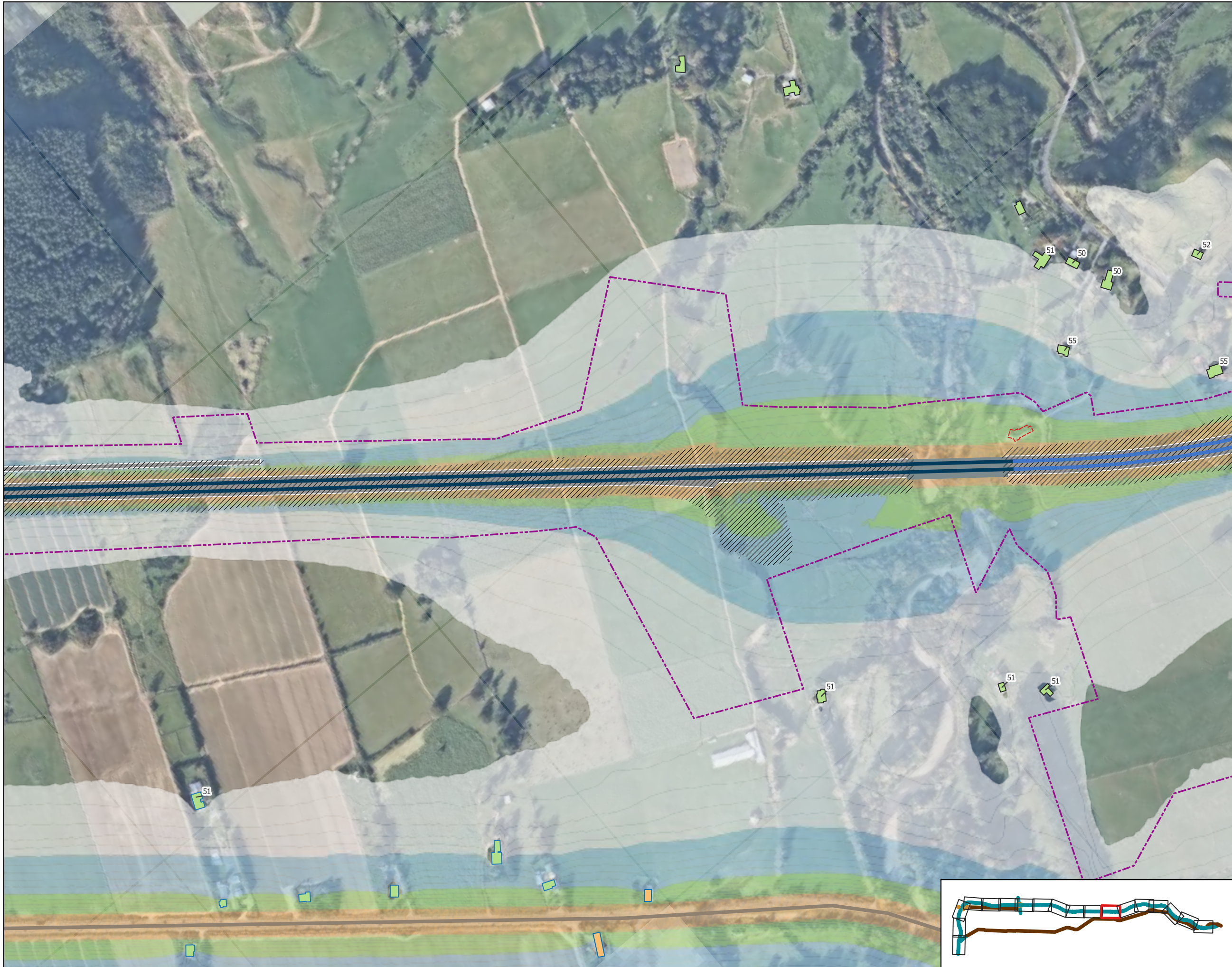
Client
Stantec (for Waka Kotahi)

Title
Predicted sound levels (2039)
Selected Options (Mitigation)
Figure NV211

Drawn
MS

Date
8 Dec 2023





- Legend**
- Proposed Designation
 - Earthworks
 - Noise contours
 - 50-55 dB
 - 55-60 dB
 - 60-65 dB
 - 65-70 dB
 - PPFs copy
 - Category A (New Road)
 - Category B (New Road)
 - Category A (Altered Road)
 - Category B (Altered Road)
 - Category C (Altered Road)
 - * Crown owned
 - PPFs removed
 - Noise walls
 - Road surface
 - EPA (30mm)
 - EPA (50mm)
 - Chipseal
 - SMA

1:5000

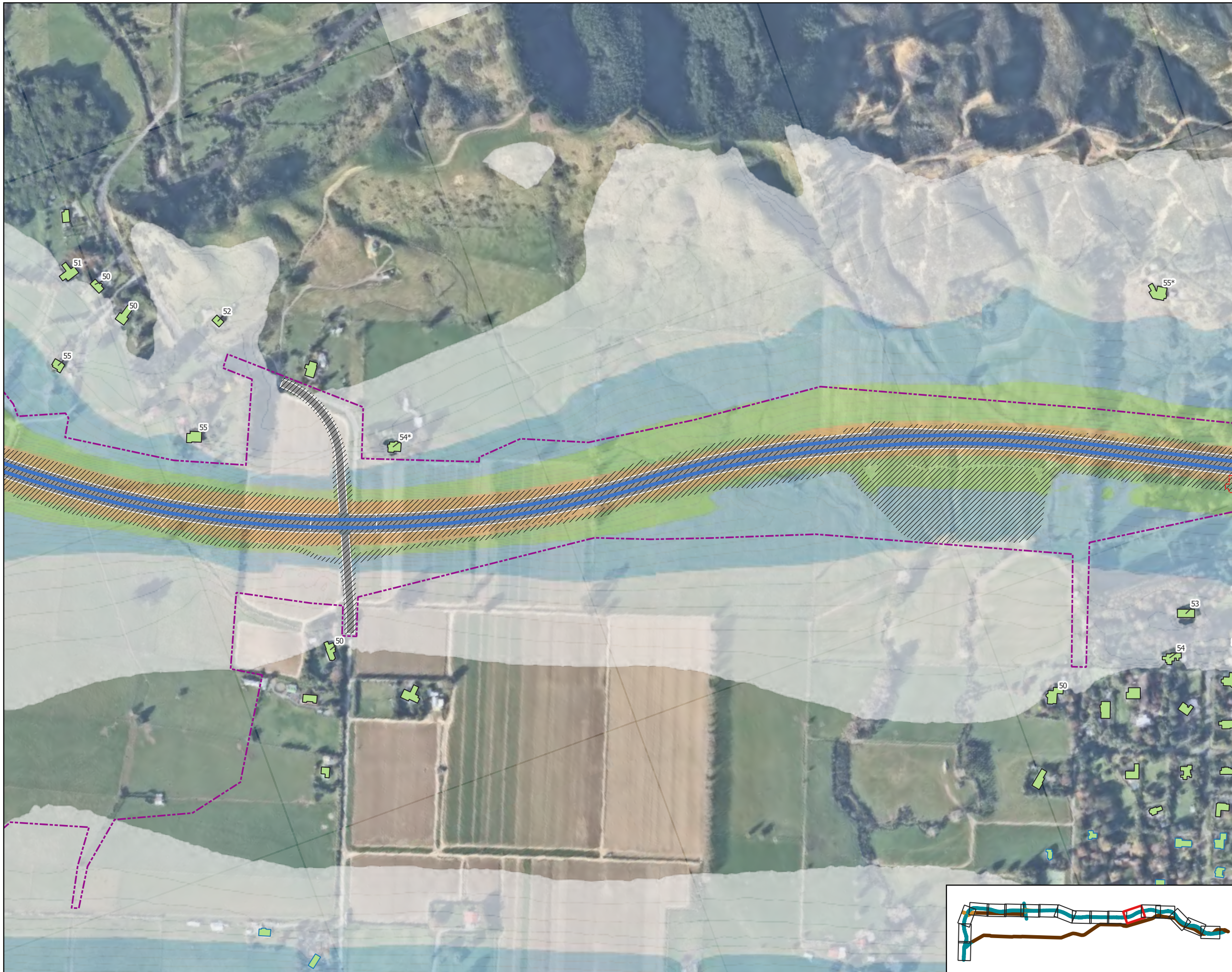
Project
Otaki to North of Levin

Client
Stantec (for Waka Kotahi)

Title
Predicted sound levels (2039)
Selected Options (Mitigation)
Figure NV212

Drawn
MS

Date
8 Dec 2023



Legend

- Proposed Designation
- Earthworks
- Noise contours
 - 50-55 dB
 - 55-60 dB
 - 60-65 dB
 - 65-70 dB
- PPFs copy
 - Category A (New Road)
 - Category B (New Road)
 - Category A (Altered Road)
 - Category B (Altered Road)
 - Category C (Altered Road)
- * Crown owned
- PPFs removed
- Noise walls
- Road surface
 - EPA (30mm)
 - EPA (50mm)
 - Chipseal
 - SMA

1:5000

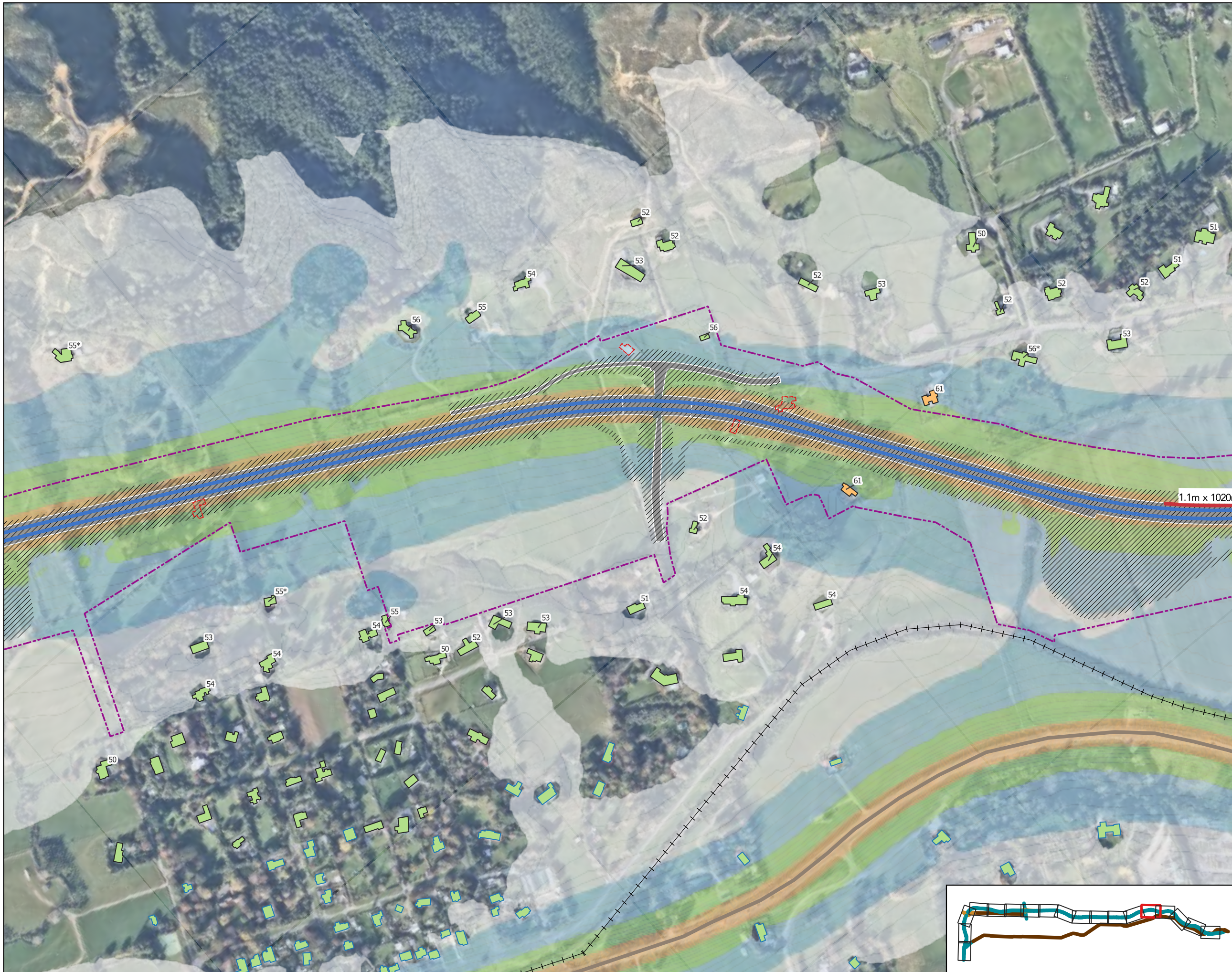
Project
Otaki to North of Levin

Client
Stantec (for Waka Kotahi)

Title
Predicted sound levels (2039)
Selected Options (Mitigation)
Figure NV213

Drawn
MS

Date
8 Dec 2023



Legend

- Proposed Designation
- Earthworks
- Noise contours
 - 50-55 dB
 - 55-60 dB
 - 60-65 dB
 - 65-70 dB
- PPFs copy
 - Category A (New Road)
 - Category B (New Road)
 - Category A (Altered Road)
 - Category B (Altered Road)
 - Category C (Altered Road)
- * Crown owned
- PPFs removed
- Noise walls
- Road surface
 - EPA (30mm)
 - EPA (50mm)
 - Chipseal
 - SMA

1:5000

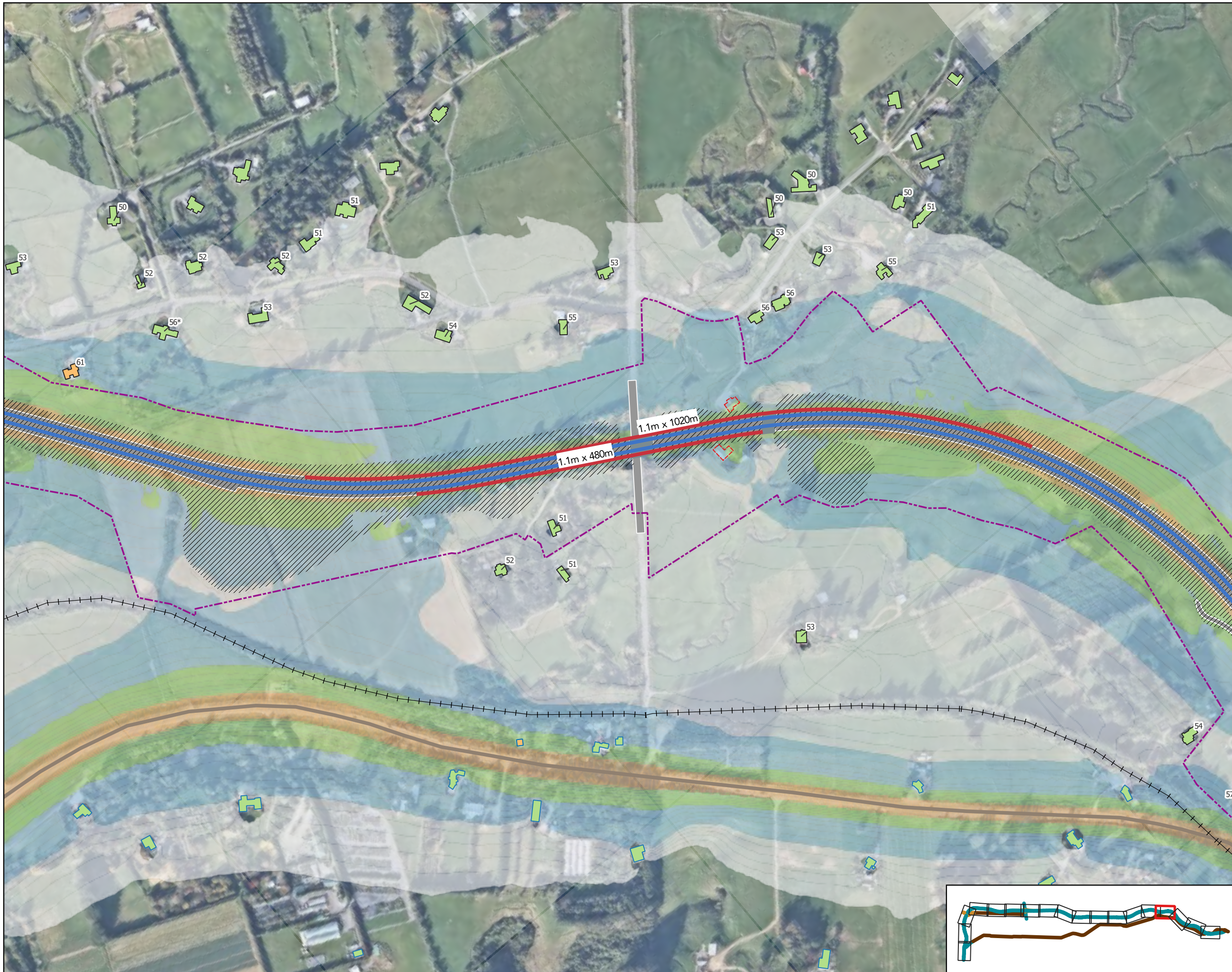
Project
Ōtaki to North of Levin

Client
Stantec (for Waka Kotahi)

Title
Predicted sound levels (2039)
Selected Options (Mitigation)
Figure NV214

Drawn
MS

Date
8 Dec 2023



Legend

- Proposed Designation
- Earthworks
- Noise contours
 - 50-55 dB
 - 55-60 dB
 - 60-65 dB
 - 65-70 dB
- PPFs copy
 - Category A (New Road)
 - Category B (New Road)
 - Category A (Altered Road)
 - Category B (Altered Road)
 - Category C (Altered Road)
- * Crown owned
- PPFs removed
- Noise walls
- Road surface
 - EPA (30mm)
 - EPA (50mm)
 - Chipseal
 - SMA

1:5000

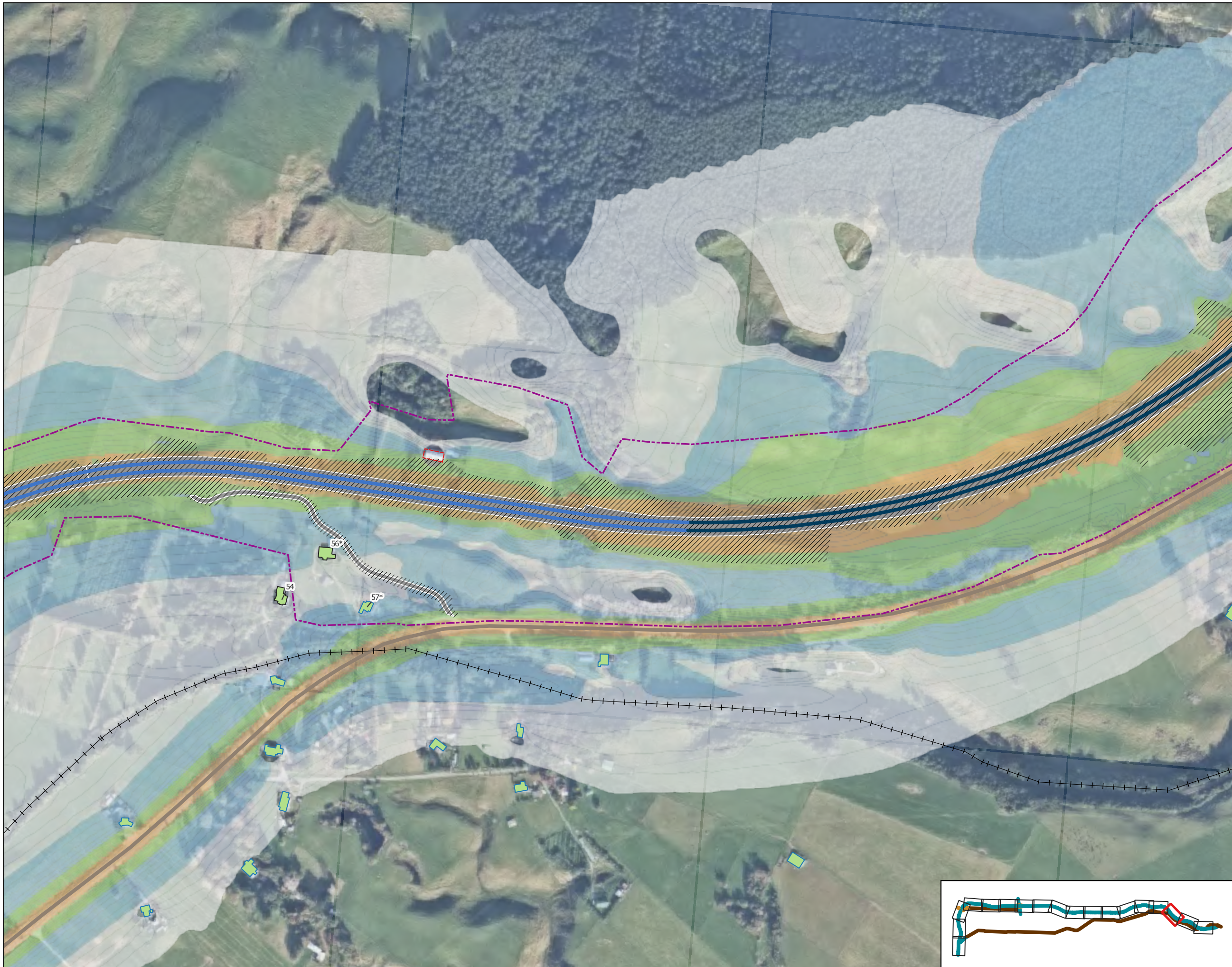
Project
Otaki to North of Levin

Client
Stantec (for Waka Kotahi)

Title
Predicted sound levels (2039)
Selected Options (Mitigation)
Figure NV215

Drawn
MS

Date
8 Dec 2023



Legend

- Proposed Designation
- Earthworks
- Noise contours
 - 50-55 dB
 - 55-60 dB
 - 60-65 dB
 - 65-70 dB
- PPFs copy
 - Category A (New Road)
 - Category B (New Road)
 - Category A (Altered Road)
 - Category B (Altered Road)
 - Category C (Altered Road)
- * Crown owned
 - PPFs removed
 - Noise walls
- Road surface
 - EPA (30mm)
 - EPA (50mm)
 - Chipseal
 - SMA

1:5000

Project
Otaki to North of Levin

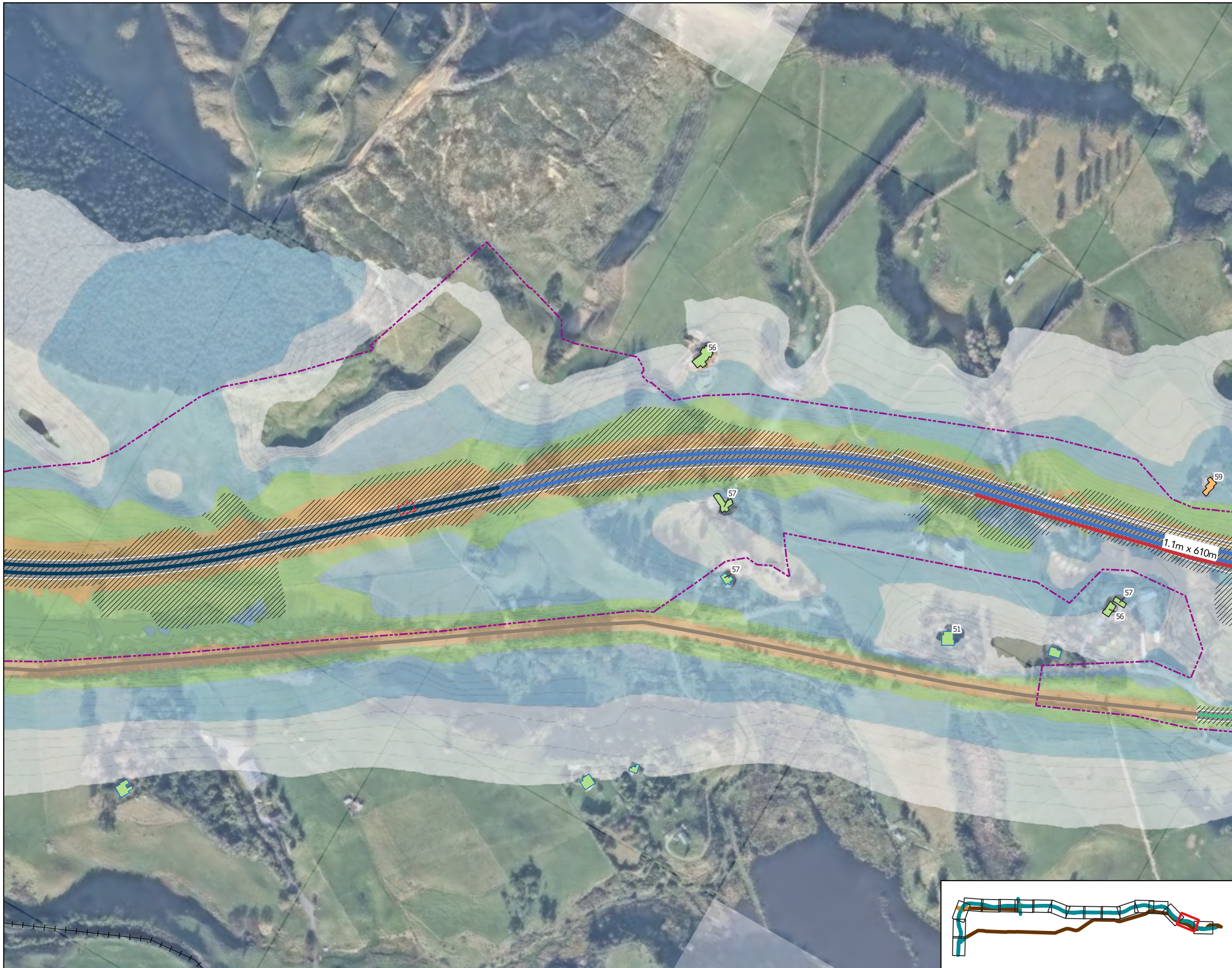
Client
Stantec (for Waka Kotahi)

Title
Predicted sound levels (2039)
Selected Options (Mitigation)
Figure NV216

Drawn
MS

Date
8 Dec 2023





Legend

- Proposed Designation
- Earthworks
- Noise contours
 - 50-55 dB
 - 55-60 dB
 - 60-65 dB
 - 65-70 dB
- PPFs copy
 - Category A (New Road)
 - Category B (New Road)
 - Category A (Altered Road)
 - Category B (Altered Road)
 - Category C (Altered Road)
- * Crown owned
 - PPFs removed
 - Noise walls
- Road surface
 - EPA (30mm)
 - EPA (50mm)
 - Chipseal
 - SMA

1:5000

Project
Otaki to North of Levin

Client
Stantec (for Waka Kotahi)

Title
Predicted sound levels (2039)
Selected Options (Mitigation)
Figure NV217

Drawn
MS

Date
8 Dec 2023





Legend

- Proposed Designation
- Earthworks
- Noise contours
 - 50-55 dB
 - 55-60 dB
 - 60-65 dB
 - 65-70 dB
- PPFs copy
 - Category A (New Road)
 - Category B (New Road)
 - Category A (Altered Road)
 - Category B (Altered Road)
 - Category C (Altered Road)
- * Crown owned
 - PPFs removed
 - Noise walls
- Road surface
 - EPA (30mm)
 - EPA (50mm)
 - Chipseal
 - SMA

1:5000

Project
 Otaki to North of Levin

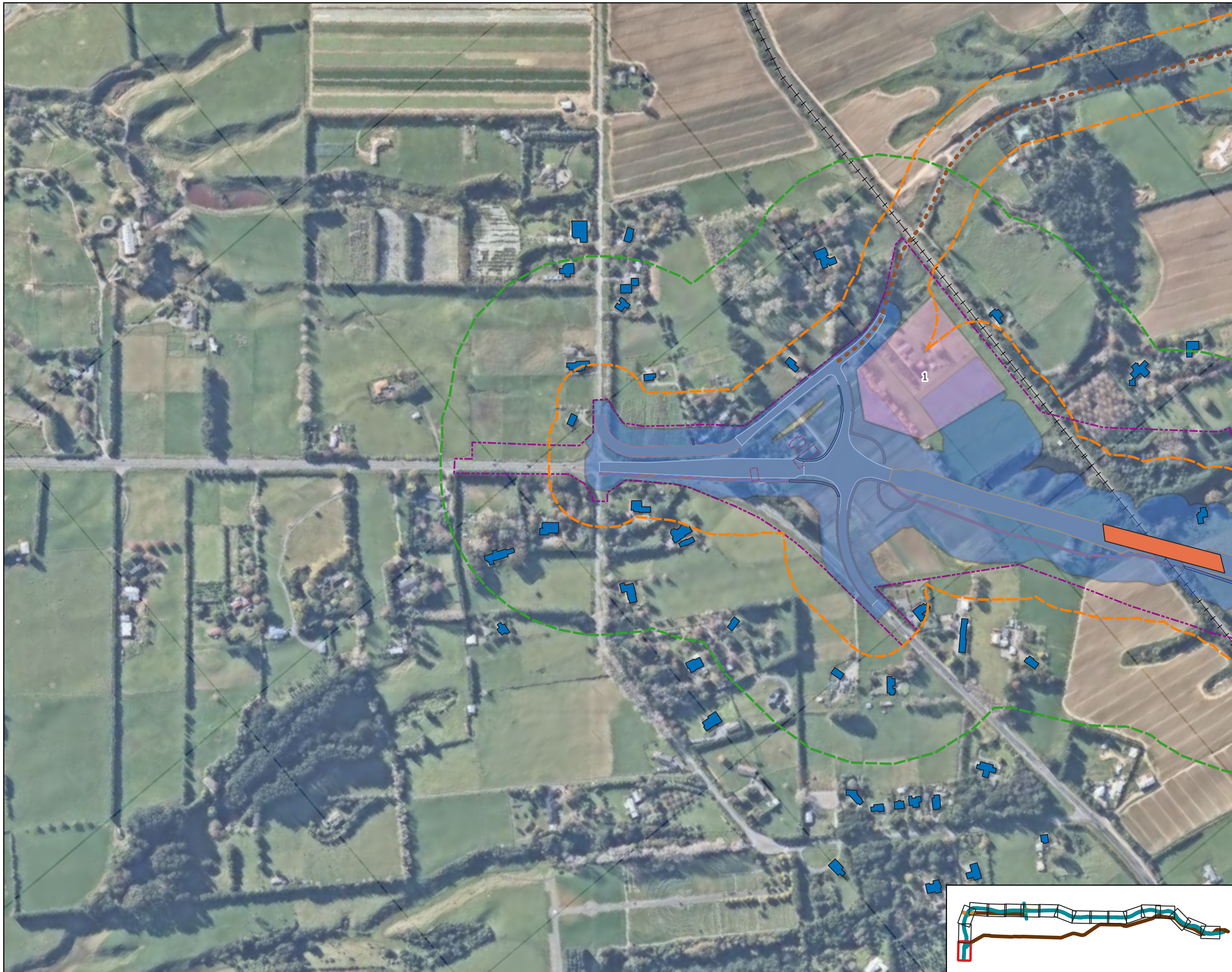
Client
 Stantec (for Waka Kotahi)

Title
 Predicted sound levels (2039)
 Selected Options (Mitigation)
 Figure NV218

Drawn
 MS

Date
 8 Dec 2023





Legend

- O2NL Proposed Designation
- Buildings**
- PPFs
- PPFs removed
- Activities**
- Earthworks
- Local roads used for site access
- bridges
- yards
- Effects areas**
- Construction buffer (50m)
- Construction buffer (200m)

1:5000

Project

Ōtaki to North of Levin

Client

Stantec (for Waka Kotahi)

Title

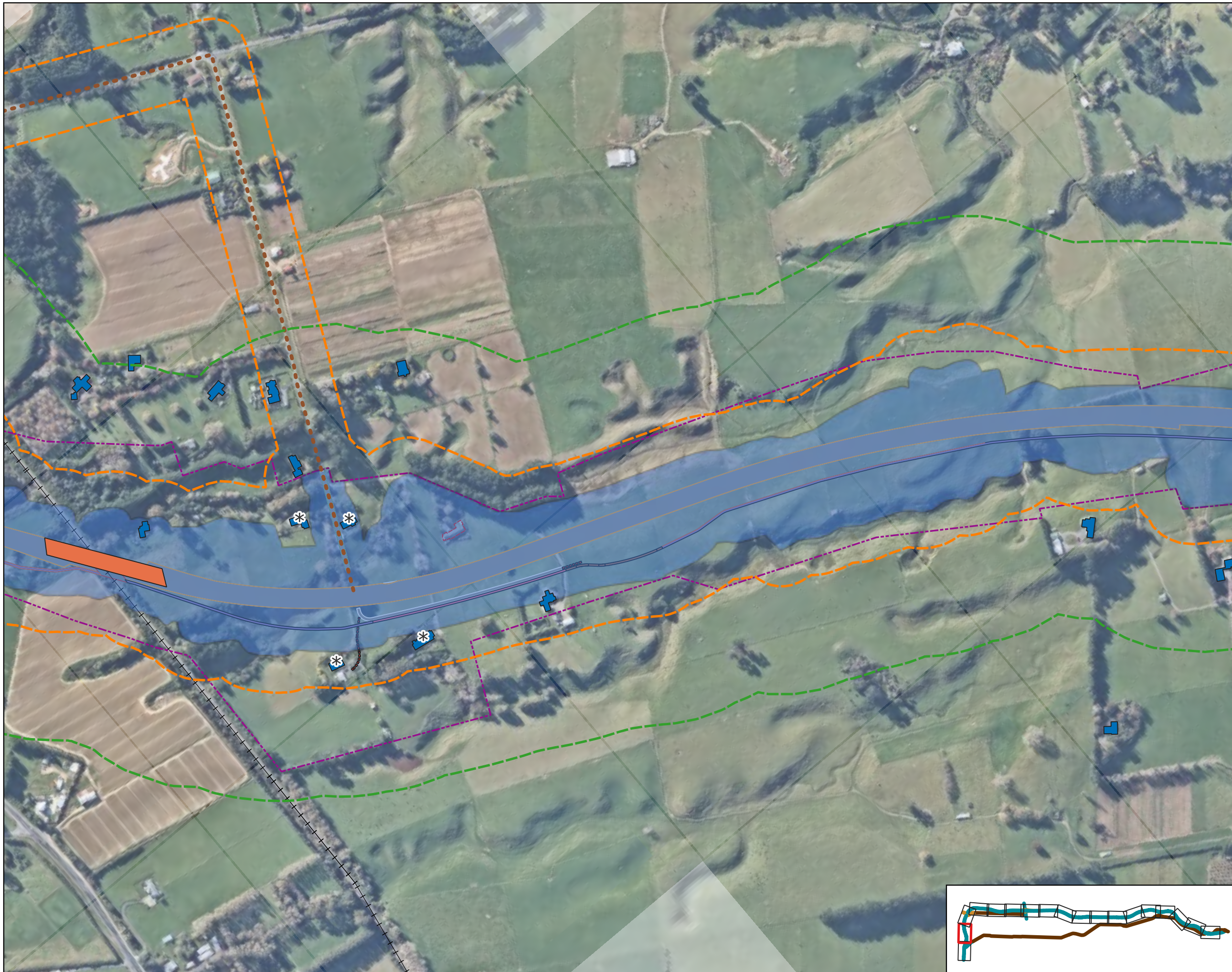
Construction activities and effects areas
Figure NV301

Drawn

MS

Date

8 Dec 2023



Legend

- O2NL Proposed Designation
- Buildings**
- PPFs
- PPFs removed
- Activities**
- Earthworks
- Local roads used for site access
- bridges
- yards
- Effects areas**
- Construction buffer (50m)
- Construction buffer (200m)

1:5000

Project

Otaki to North of Levin

Client

Stantec (for Waka Kotahi)

Title

Construction activities and effects areas
Figure NV302

Drawn

MS

Date

8 Dec 2023



Legend

- O2NL Proposed Designation
- Buildings**
- PPFs
- PPFs removed
- Activities**
- Earthworks
- Local roads used for site access
- bridges
- yards
- Effects areas**
- Construction buffer (50m)
- Construction buffer (200m)

1:5000

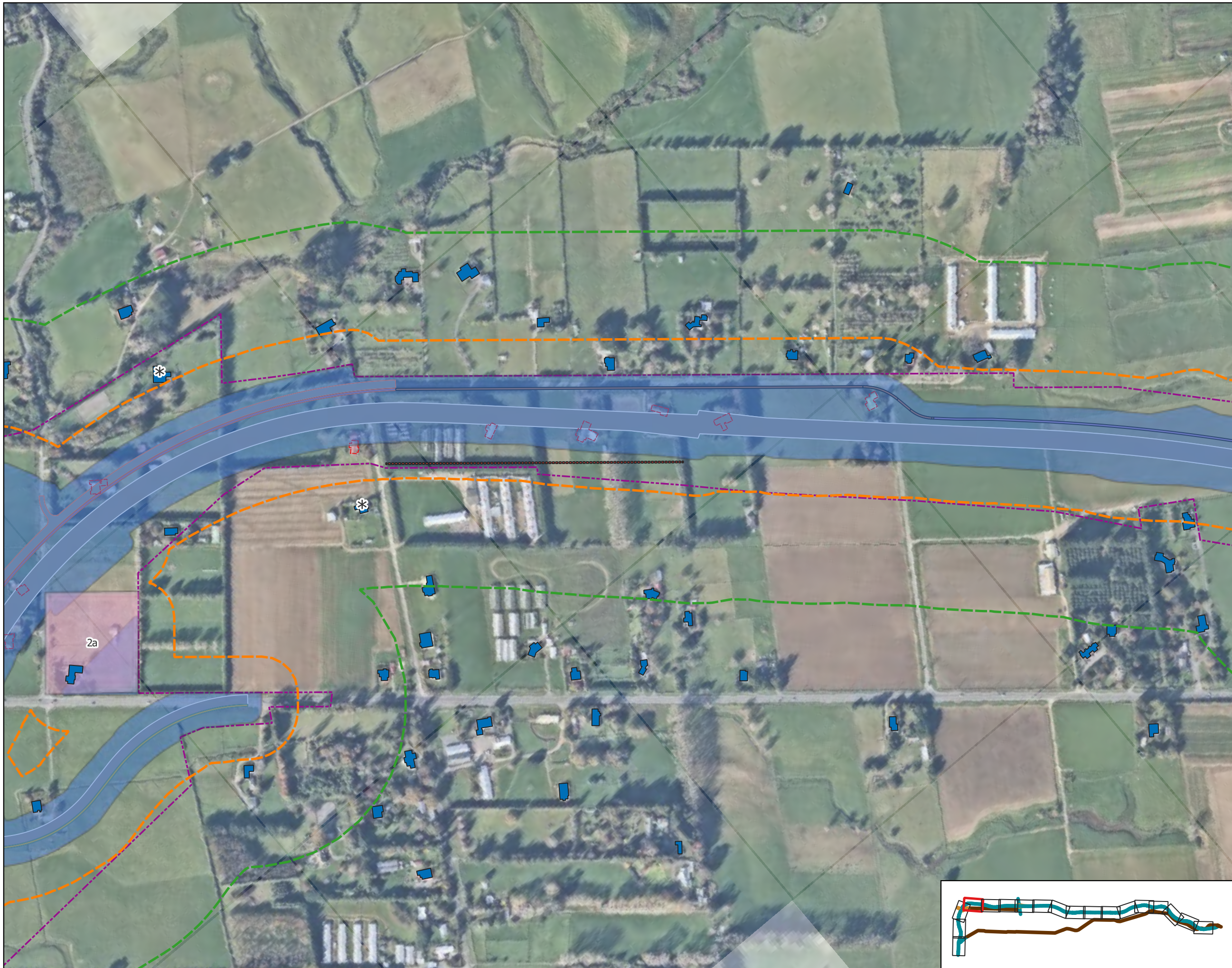
Project
 Ōtaki to North of Levin

Client
 Stantec (for Waka Kotahi)

Title
 Construction activities and effects areas
 Figure NV303

Drawn
 MS

Date
 8 Dec 2023



Legend

- O2NL Proposed Designation
- Buildings**
- PPFs
- PPFs removed
- Activities**
- Earthworks
- Local roads used for site access
- bridges
- yards
- Effects areas**
- Construction buffer (50m)
- Construction buffer (200m)

1:5000

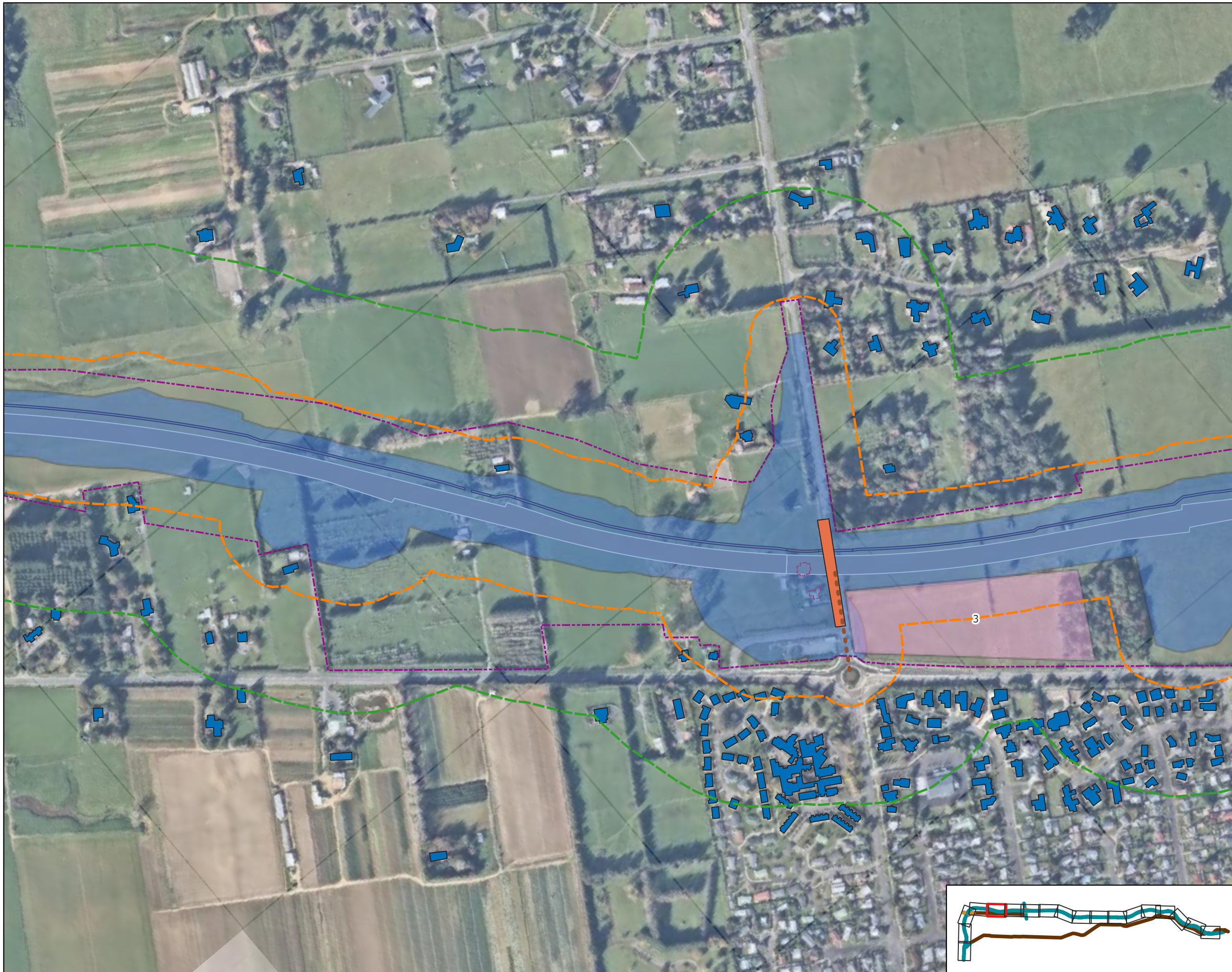
Project
 Otaki to North of Levin

Client
 Stantec (for Waka Kotahi)

Title
 Construction activities and effects areas
 Figure NV304

Drawn
 MS

Date
 8 Dec 2023



Legend

- O2NL Proposed Designation
- Buildings**
- PPFs
- PPFs removed
- Activities**
- Earthworks
- Local roads used for site access
- bridges
- yards
- Effects areas**
- Construction buffer (50m)
- Construction buffer (200m)

1:5000

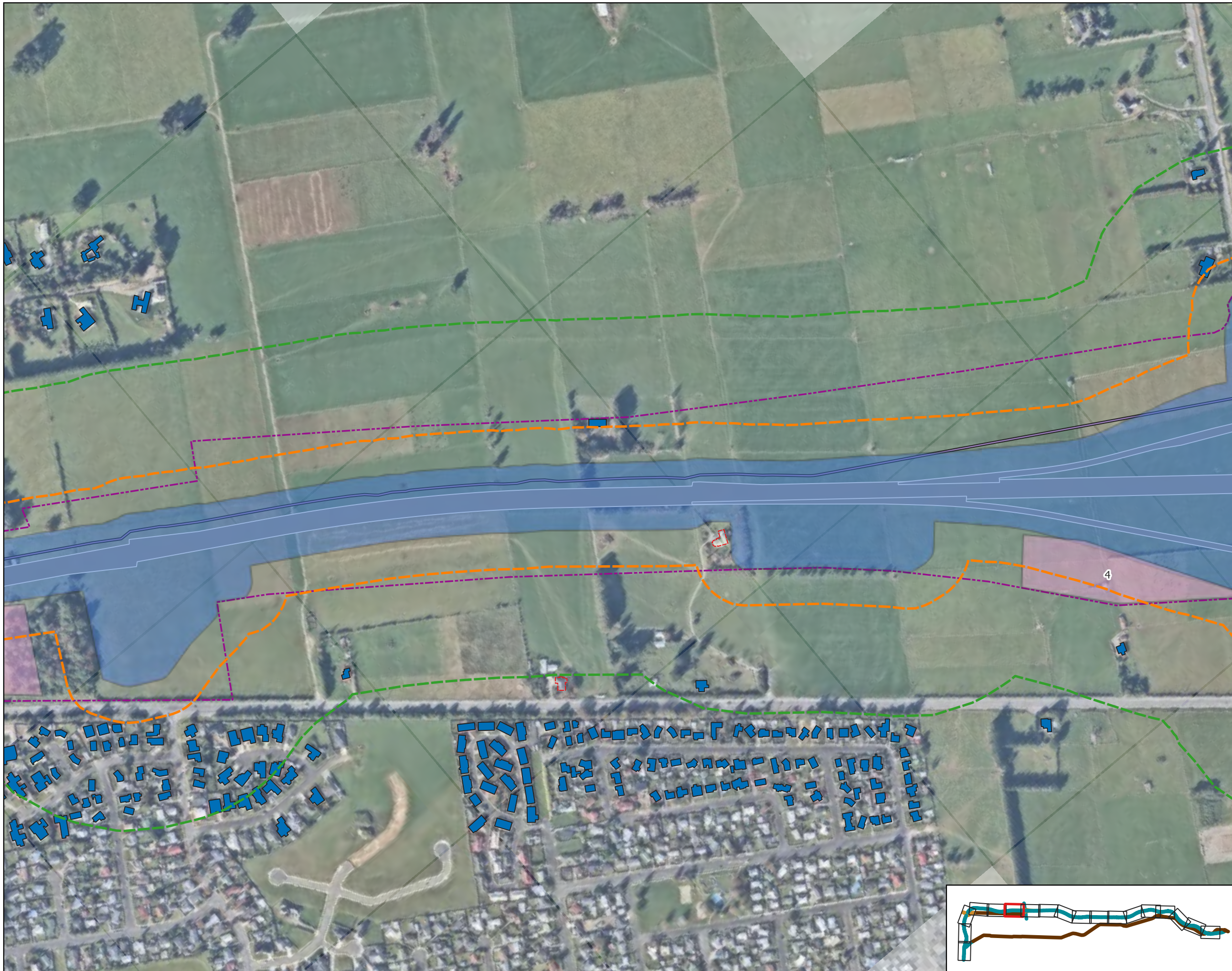
Project
 Ōtaki to North of Levin

Client
 Stantec (for Waka Kotahi)

Title
 Construction activities and effects areas
 Figure NV305

Drawn
 MS

Date
 8 Dec 2023



Legend

- O2NL Proposed Designation
- Buildings**
- PPFs
- PPFs removed
- Activities**
- Earthworks
- Local roads used for site access
- bridges
- yards
- Effects areas**
- Construction buffer (50m)
- Construction buffer (200m)

1:5000

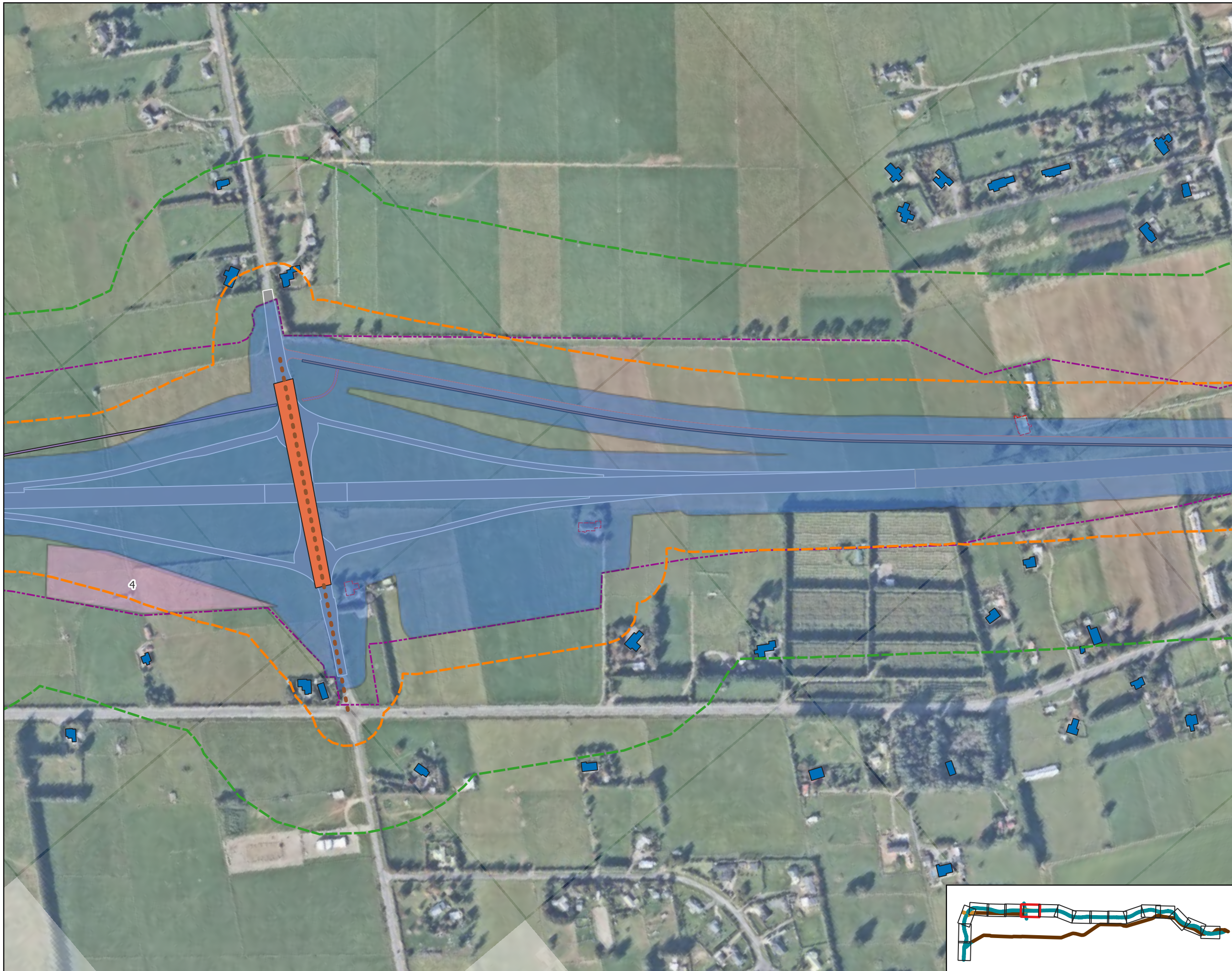
Project
 Otaki to North of Levin

Client
 Stantec (for Waka Kotahi)

Title
 Construction activities and effects areas
 Figure NV306

Drawn
 MS

Date
 8 Dec 2023



Legend

- O2NL Proposed Designation
- Buildings**
- PPFs
- PPFs removed
- Activities**
- Earthworks
- Local roads used for site access
- bridges
- yards
- Effects areas**
- Construction buffer (50m)
- Construction buffer (200m)

1:5000

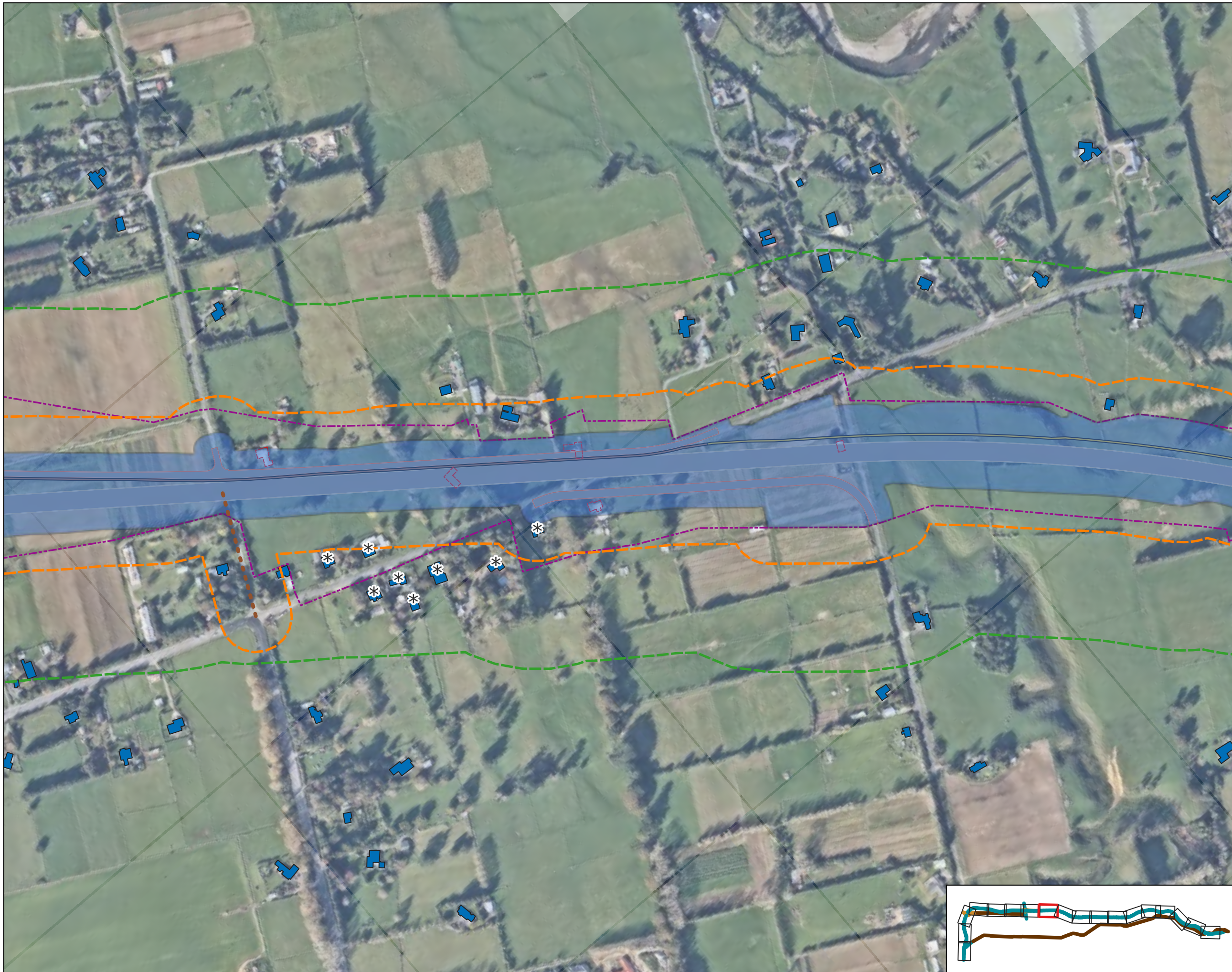
Project
 Ōtaki to North of Levin

Client
 Stantec (for Waka Kotahi)

Title
 Construction activities and effects areas
 Figure NV307

Drawn
 MS

Date
 8 Dec 2023



Legend

- O2NL Proposed Designation
- Buildings**
- PPFs
- PPFs removed
- Activities**
- Earthworks
- Local roads used for site access
- bridges
- yards
- Effects areas**
- Construction buffer (50m)
- Construction buffer (200m)

1:5000

Project

Ōtaki to North of Levin

Client

Stantec (for Waka Kotahi)

Title

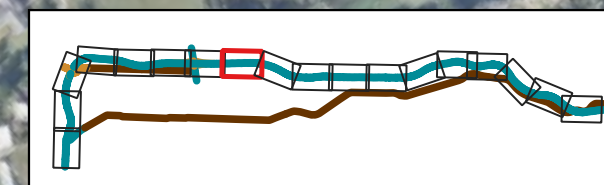
Construction activities and effects areas
Figure NV308

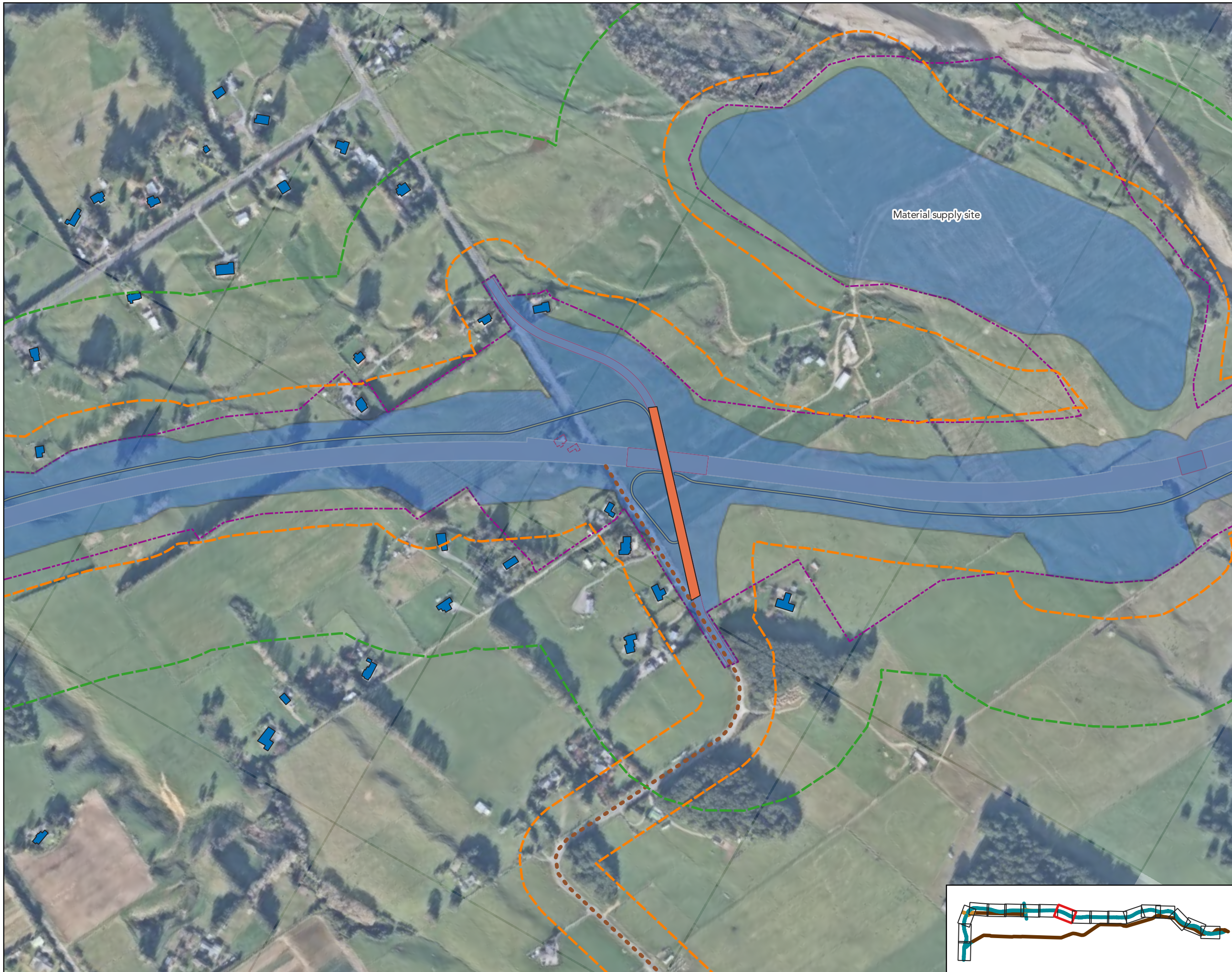
Drawn

MS

Date

8 Dec 2023





Legend

- O2NL Proposed Designation
- Buildings**
- PPFs
- PPFs removed
- Activities**
- Earthworks
- Local roads used for site access
- bridges
- yards
- Effects areas**
- Construction buffer (50m)
- Construction buffer (200m)

1:5000

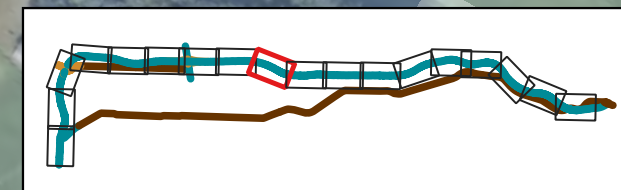
Project
 Ōtaki to North of Levin

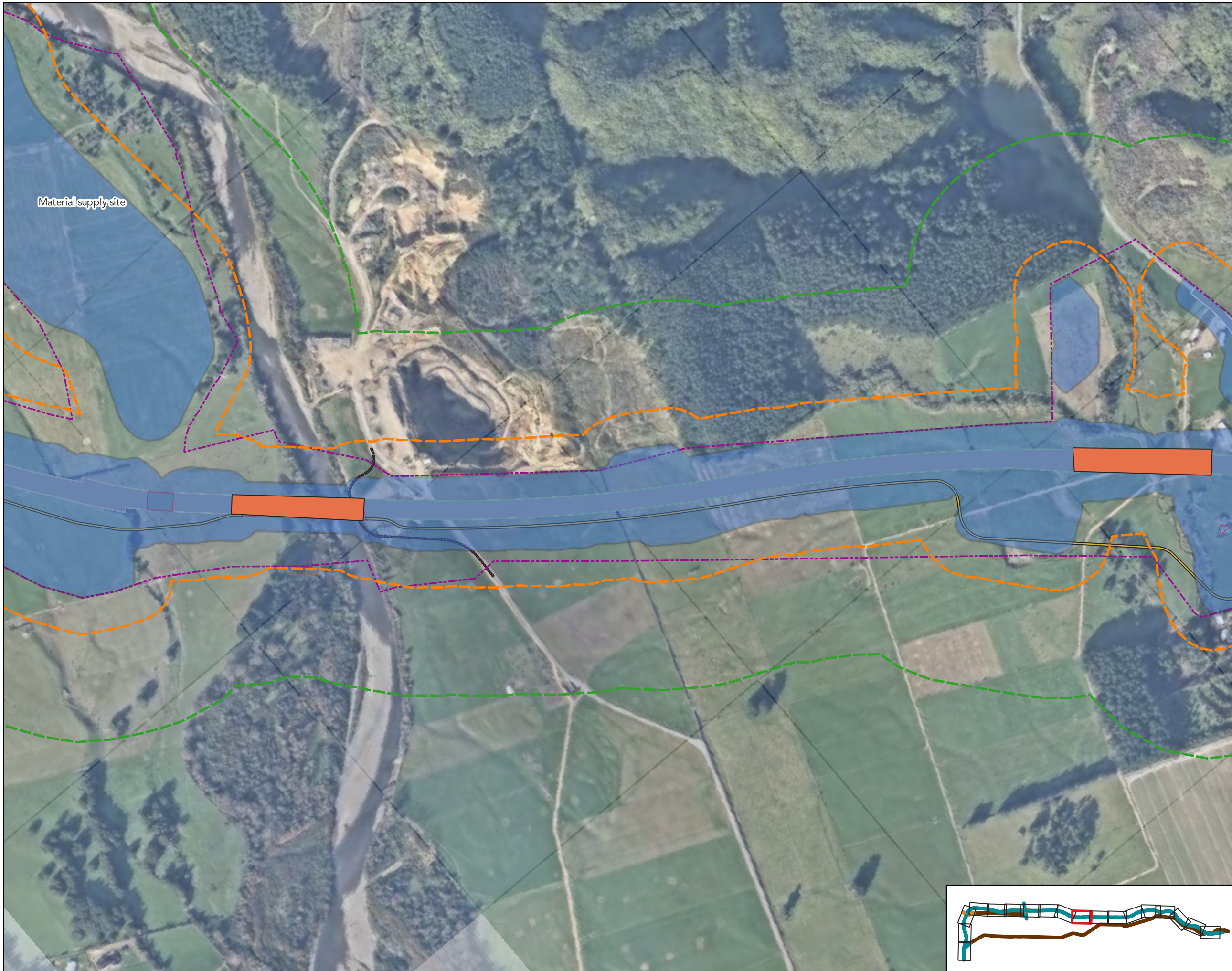
Client
 Stantec (for Waka Kotahi)

Title
 Construction activities and effects areas
 Figure NV309

Drawn
 MS

Date
 8 Dec 2023





Legend

- O2NL Proposed Designation
- Buildings**
- PPFs
- PPFs removed
- Activities**
- Earthworks
- Local roads used for site access
- bridges
- yards
- Effects areas**
- Construction buffer (50m)
- Construction buffer (200m)

1:5000

Project
 Ōtaki to North of Levin

Client
 Stantec (for Waka Kotahi)

Title
 Construction activities and effects areas
 Figure NV310

Drawn
 MS

Date
 8 Dec 2023



Legend

- O2NL Proposed Designation
- Buildings**
- PPFs
- PPFs removed
- Activities**
- Earthworks
- Local roads used for site access
- bridges
- yards
- Effects areas**
- Construction buffer (50m)
- Construction buffer (200m)

1:5000

Project

Ōtaki to North of Levin

Client

Stantec (for Waka Kotahi)

Title

Construction activities and effects areas
Figure NV311

Drawn

MS

Date

8 Dec 2023



Legend

- O2NL Proposed Designation
- Buildings**
- PPFs
- PPFs removed
- Activities**
- Earthworks
- Local roads used for site access
- bridges
- yards
- Effects areas**
- Construction buffer (50m)
- Construction buffer (200m)

1:5000

Project

Ōtaki to North of Levin

Client

Stantec (for Waka Kotahi)

Title

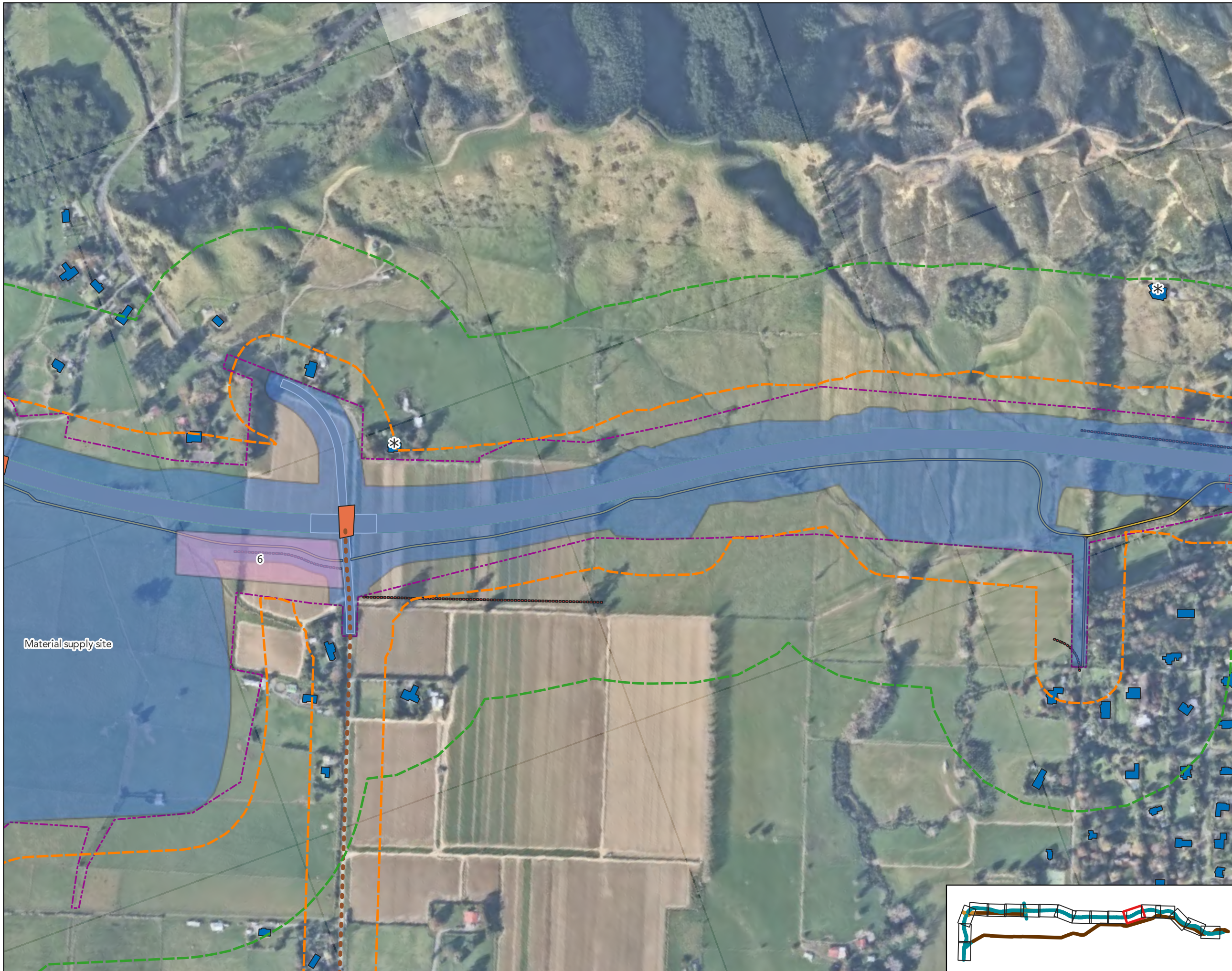
Construction activities and effects areas
Figure NV312

Drawn

MS

Date

8 Dec 2023



Legend

- O2NL Proposed Designation
- Buildings**
- PPFs
- PPFs removed
- Activities**
- Earthworks
- Local roads used for site access
- bridges
- yards
- Effects areas**
- Construction buffer (50m)
- Construction buffer (200m)

1:5000

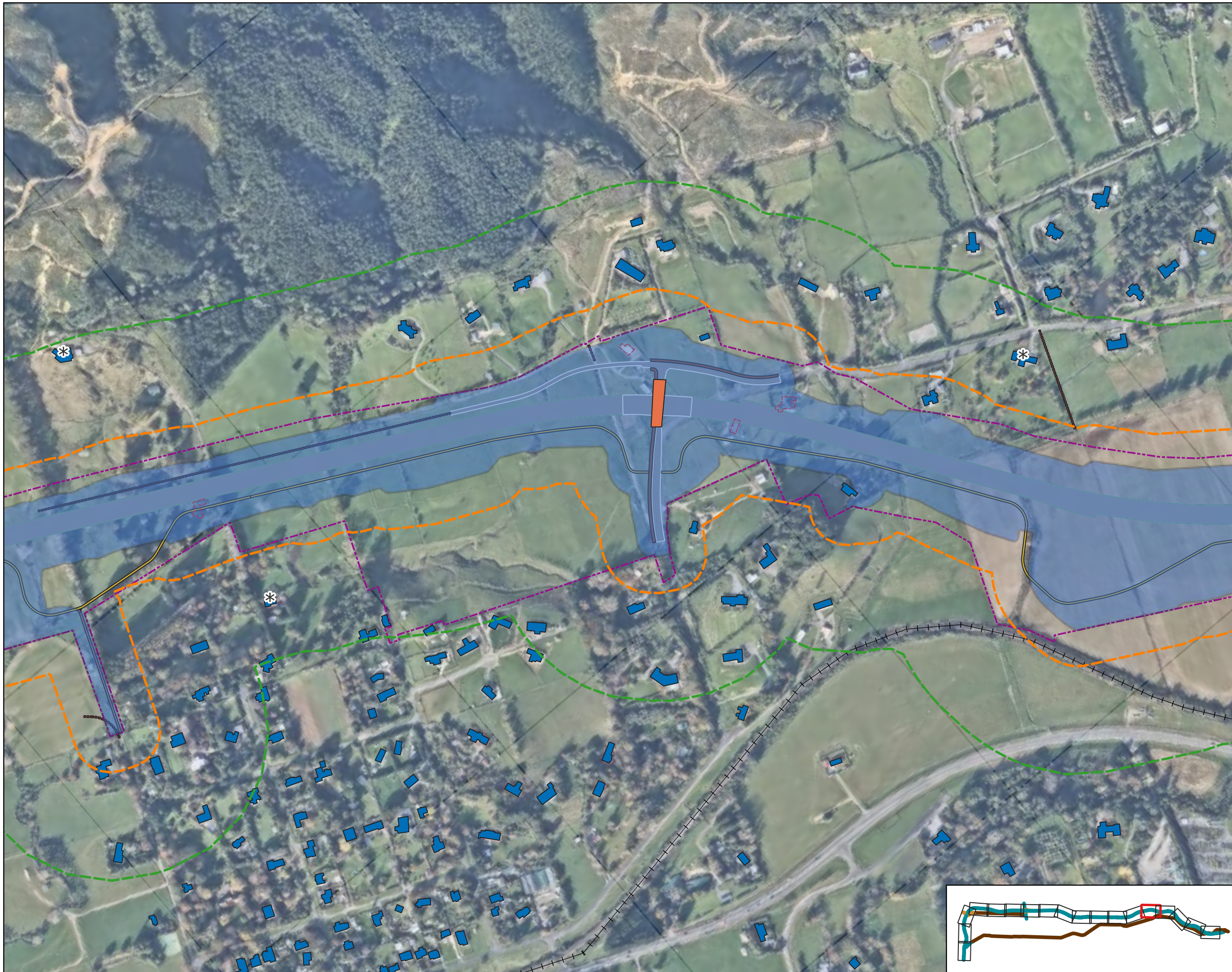
Project
 Otaki to North of Levin

Client
 Stantec (for Waka Kotahi)

Title
 Construction activities and effects areas
 Figure NV313

Drawn
 MS

Date
 8 Dec 2023



Legend

- O2NL Proposed Designation
- Buildings**
- PPFs
- PPFs removed
- Activities**
- Earthworks
- Local roads used for site access
- bridges
- yards
- Effects areas**
- Construction buffer (50m)
- Construction buffer (200m)

1:5000

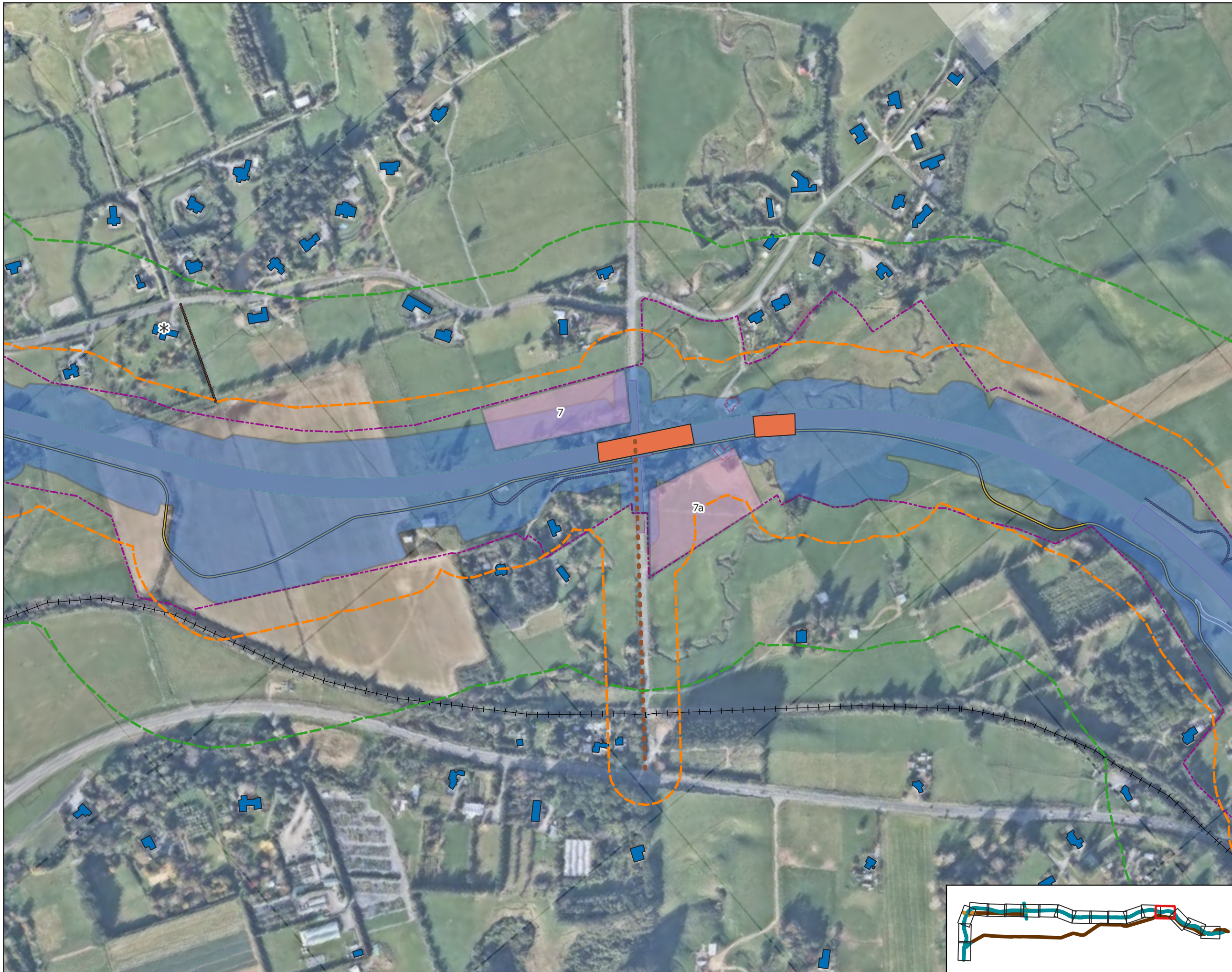
Project
 Ōtaki to North of Levin

Client
 Stantec (for Waka Kotahi)

Title
 Construction activities and effects areas
 Figure NV314

Drawn
 MS

Date
 8 Dec 2023



Legend

- O2NL Proposed Designation
- Buildings**
- PPFs
- PPFs removed
- Activities**
- Earthworks
- Local roads used for site access
- bridges
- yards
- Effects areas**
- Construction buffer (50m)
- Construction buffer (200m)

1:5000

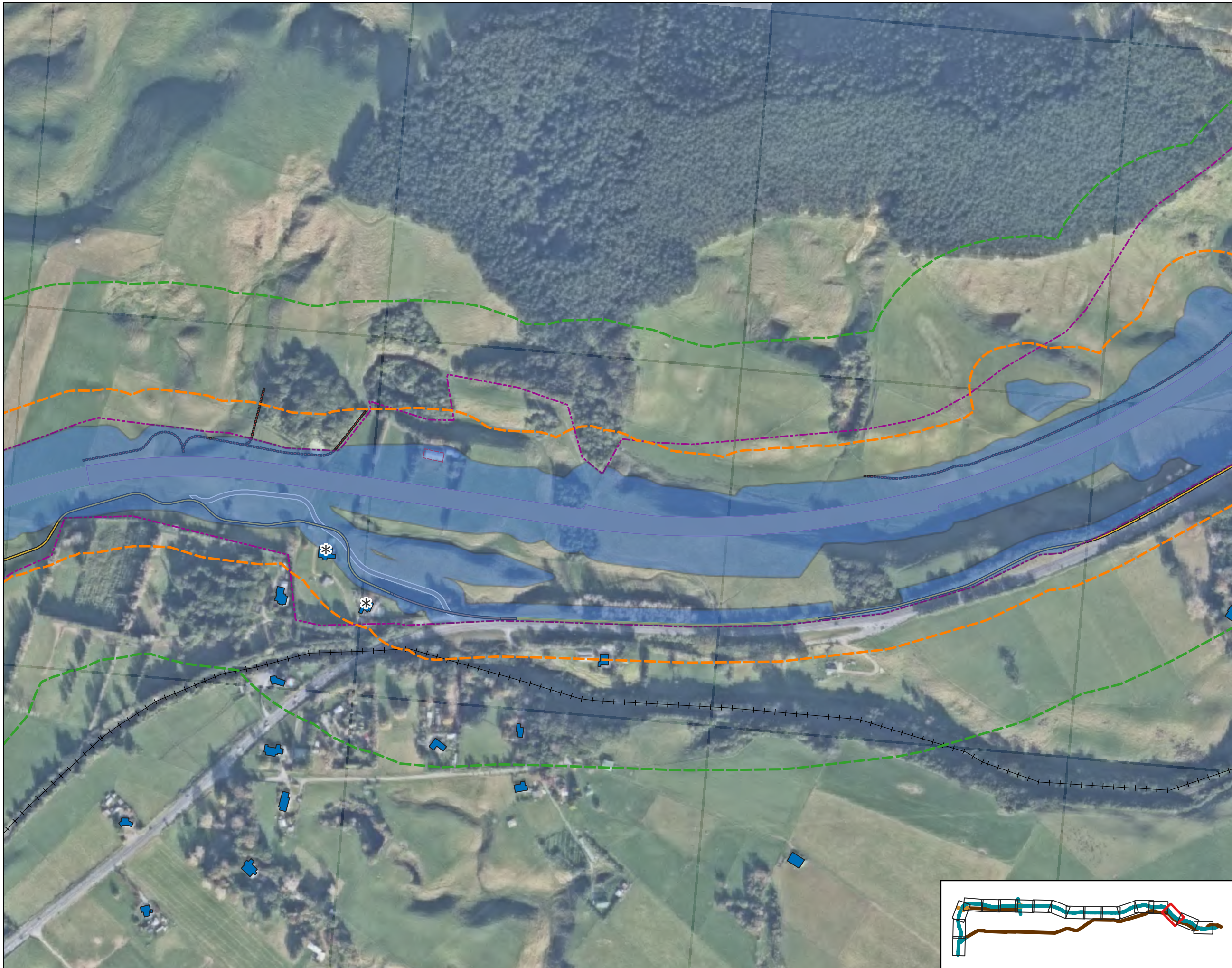
Project
 Otaki to North of Levin

Client
 Stantec (for Waka Kotahi)

Title
 Construction activities and effects areas
 Figure NV315

Drawn
 MS

Date
 8 Dec 2023



Legend

- O2NL Proposed Designation
- Buildings**
- PPFs
- PPFs removed
- Activities**
- Earthworks
- Local roads used for site access
- bridges
- yards
- Effects areas**
- Construction buffer (50m)
- Construction buffer (200m)

1:5000

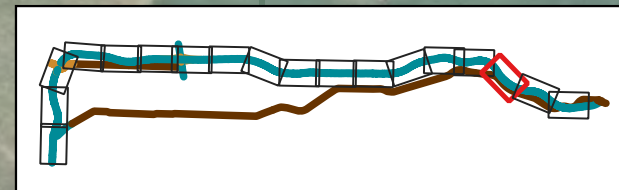
Project
 Ōtaki to North of Levin

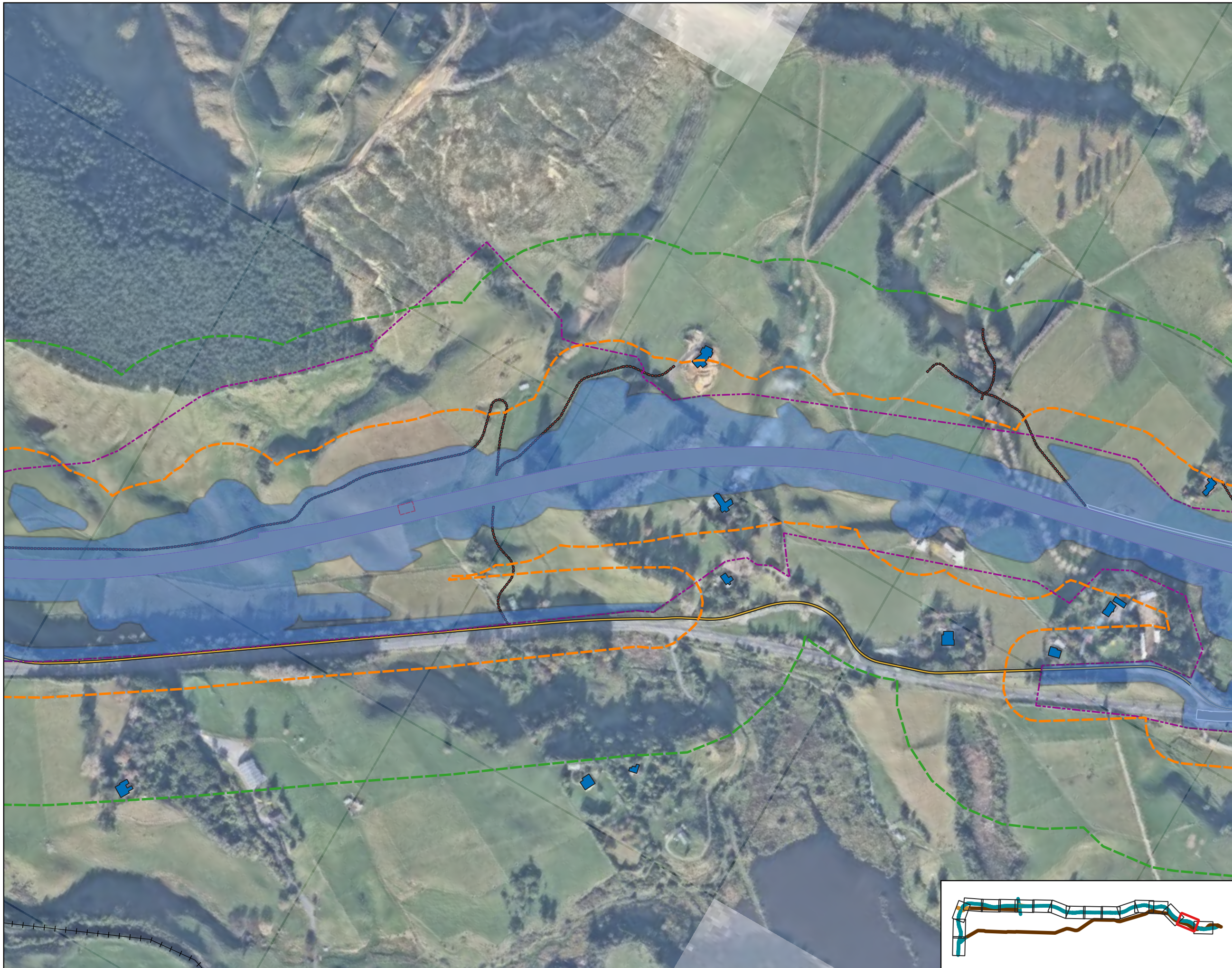
Client
 Stantec (for Waka Kotahi)

Title
 Construction activities and effects areas
 Figure NV316

Drawn
 MS

Date
 8 Dec 2023





Legend

- O2NL Proposed Designation
- Buildings**
- PPFs
- PPFs removed
- Activities**
- Earthworks
- Local roads used for site access
- bridges
- yards
- Effects areas**
- Construction buffer (50m)
- Construction buffer (200m)

1:5000

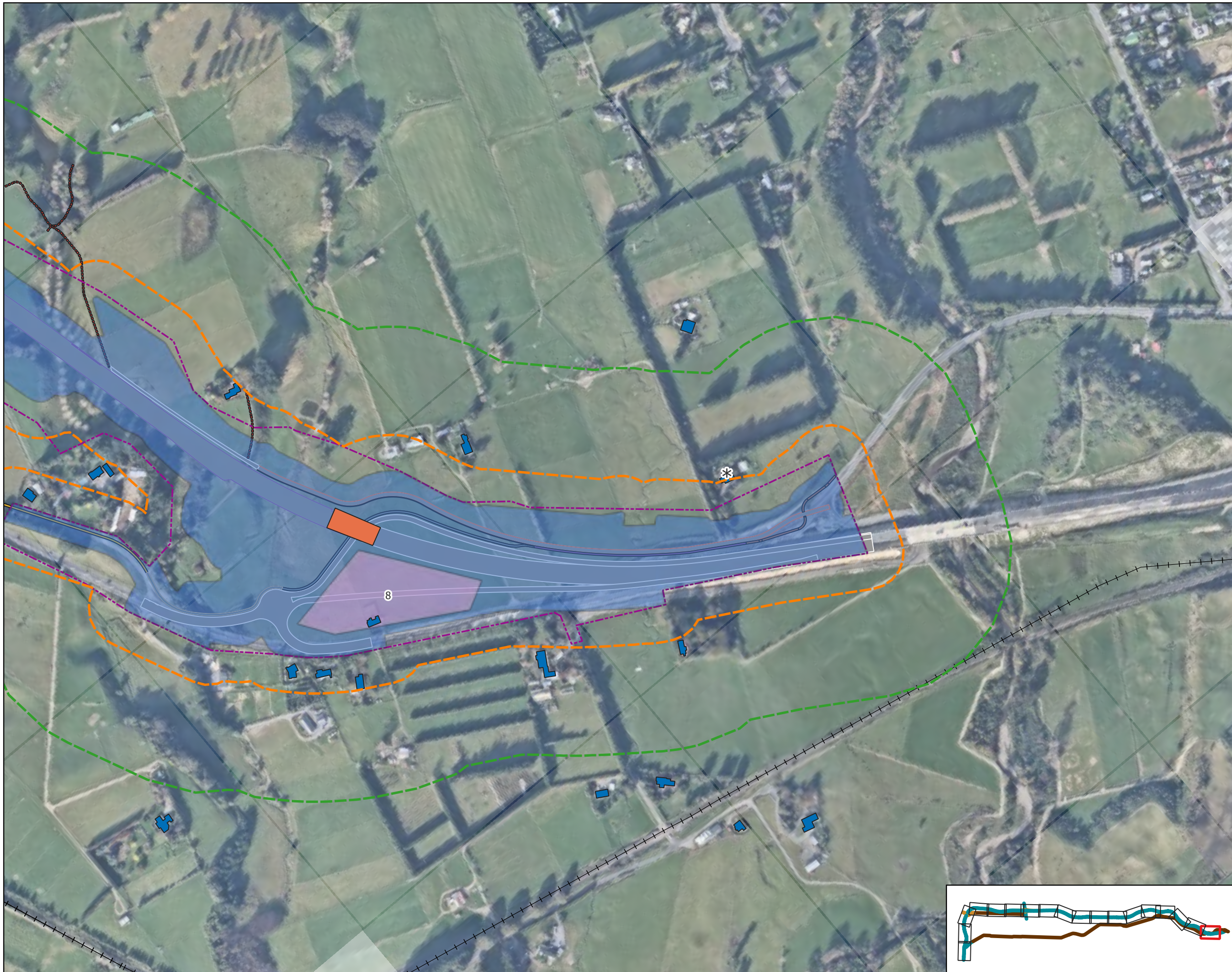
Project
 Otaki to North of Levin

Client
 Stantec (for Waka Kotahi)

Title
 Construction activities and effects areas
 Figure NV317

Drawn
 MS

Date
 8 Dec 2023



Legend

- O2NL Proposed Designation
- Buildings**
- PPFs
- PPFs removed
- Activities**
- Earthworks
- Local roads used for site access
- bridges
- yards
- Effects areas**
- Construction buffer (50m)
- Construction buffer (200m)

1:5000

Project
 Otaki to North of Levin

Client
 Stantec (for Waka Kotahi)

Title
 Construction activities and effects areas
 Figure NV318

Drawn
 MS

Date
 8 Dec 2023