

ATTACHMENT A

Request to adjust water and wastewater scheme boundaries

28 April 2020

Richard Powell (cc: Ulrich Glasner)
Development Infrastructure Engineer
Queenstown Lakes District Council
Private Bag 50072
QUEENSTOWN 9348

Dear Mr Powell,

RE: REQUEST TO ADJUST WATER AND WASTEWATER SCHEME BOUNDARIES

This letter is a request to adjust the existing Lake Hayes Water and Wastewater scheme boundaries to incorporate land contained within Lots 1 – 4 DP540788 and to adjust the existing private sub-scheme boundary over the Waterfall Park Zone. The extension and amendments proposed in this application are consequential upon the granting of the Waterfall Park hotel consent (RM180584) and the implementation of these services under the Waterfall Park access road consent (RM171280). This application seeks to reflect water and wastewater scheme boundaries that reflect the implementation of these two consents.

It is also proposed to adjust the boundaries to enable the existing Ayrburn Homestead on Lot 2 (residential connection) to be serviced by mains reticulation and avoid any adverse effects to Mill Creek from on-site discharge.

Please find attached to this letter the following accompanying information:

- Attachment A - Plans identifying the existing and proposed scheme boundaries.
- Attachments B1 and B2 - Wastewater modelling reports undertaken by Beca and Hydraulic Analysis Ltd (HAL) on behalf of QLDC.
- Attachment C – Water modelling report undertaken by Mott Macdonald on behalf of QLDC.

Waterfall Park Zone is currently shown on the scheme boundary maps as falling within the private sub-scheme boundaries that also service Millbrook. The consented hotel within Waterfall Park (RM180584) is being serviced via the Lake Hayes scheme for both water and wastewater and the infrastructure for this is currently being installed along the new Access Road to the Waterfall Park Zone and as required to connect into the respective mains within the Arrowtown-Lake Hayes Road corridor. This infrastructure also allows for irrigation of the planting associated with the implementation of the Access Road and conditions of consent.

Water and wastewater modelling has been undertaken by Beca, HAL, and Mott MacDonald as per Attachments B1, B2, and C. These indicate that the consented hotel (RM 180584) plus additional modelled capacity can be serviced by the Lake Hayes scheme.

In reference to Section 5 of the Queenstown Lakes District Council Water Supply Boundary Adjustment Policy (2016):

1. The existing QLDC water main at the intersection of Arrowtown-Lake Hayes Road and Speargrass Flat Road is currently being extended to the property boundary as approved under RM180584. The water main within the new Access Road to the Waterfall Park Zone can then service the area within the requested extended scheme boundary.
2. All costs to extend the QLDC water supply network is being covered by the applicant.
3. The level of service of the scheme is not significantly compromised by the extension as validated by QLDC modelling attached.
4. Design and construction complies with the applicable QLDC design standards and policies.
5. Extensions within the Arrowtown-Lake Hayes Road corridor are vested to QLDC. Reticulation within Lots 1-4 LT540788 (RM191096) will be privately owned.
6. The level of service is covered within the water modelling undertaken at Attachment C and RM180584.
7. Irrigation demands have been included within the water modelling undertaken at Attachment C.
8. The requested extension seeks to reflect the implementation of the RM180584 consent.

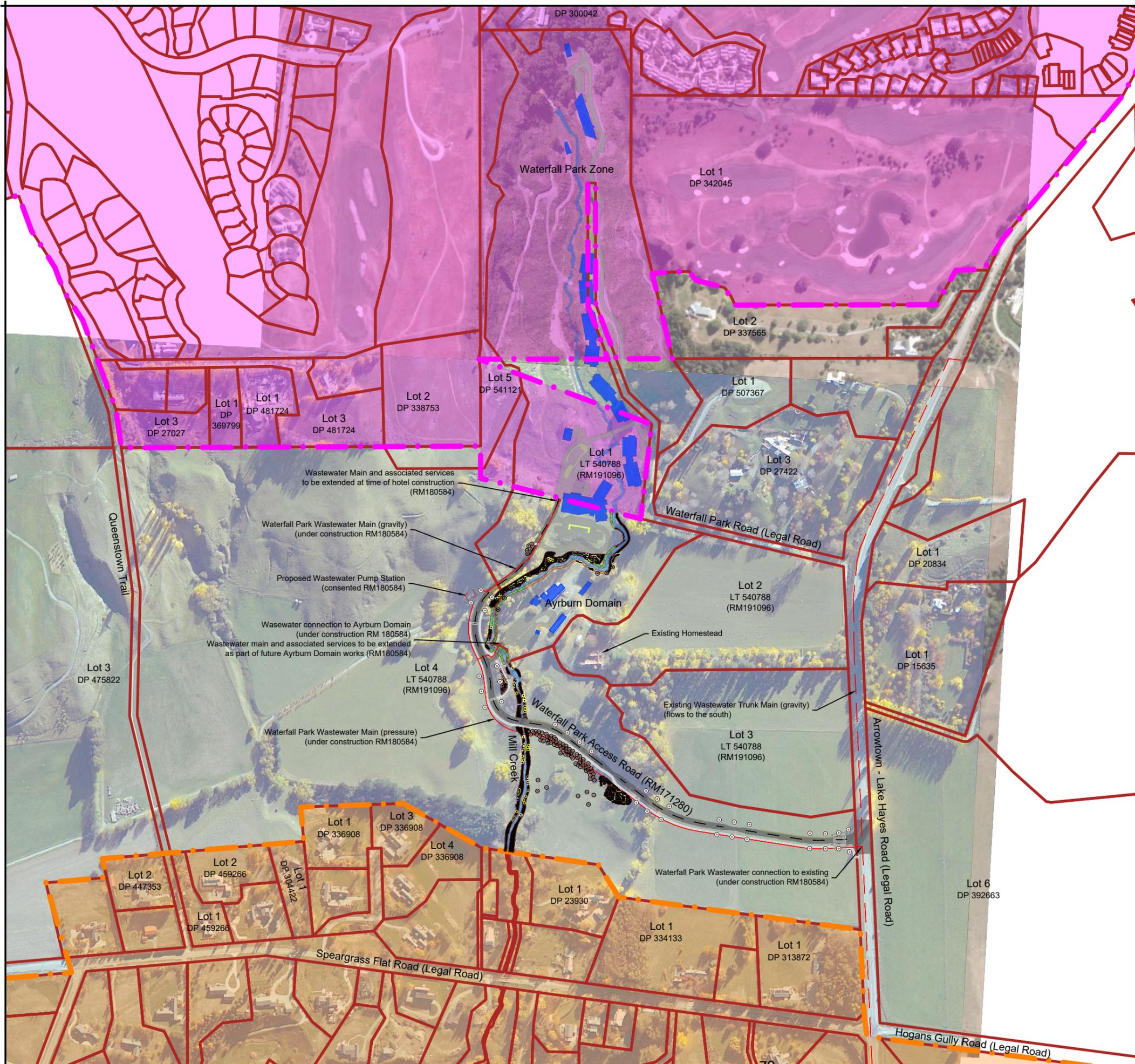
Yours faithfully,



Lauren Christie
General Manager - Queenstown

ATTACHMENT B

Service Scheme Boundaries



- Legend**
- - - Existing Private Wastewater SubScheme Boundary
 - - - Existing Wastewater Scheme Boundary (Lake Hayes)
 - Road Carriageway (under construction)
 - Road Carriageway (consented RM 180584, includes servicing)
 - Consented Building - RM180584 (includes servicing)
 - Waterfall Park Wastewater Main (under construction)
 - Existing QLDC Wastewater Trunk Main
 - Boundary

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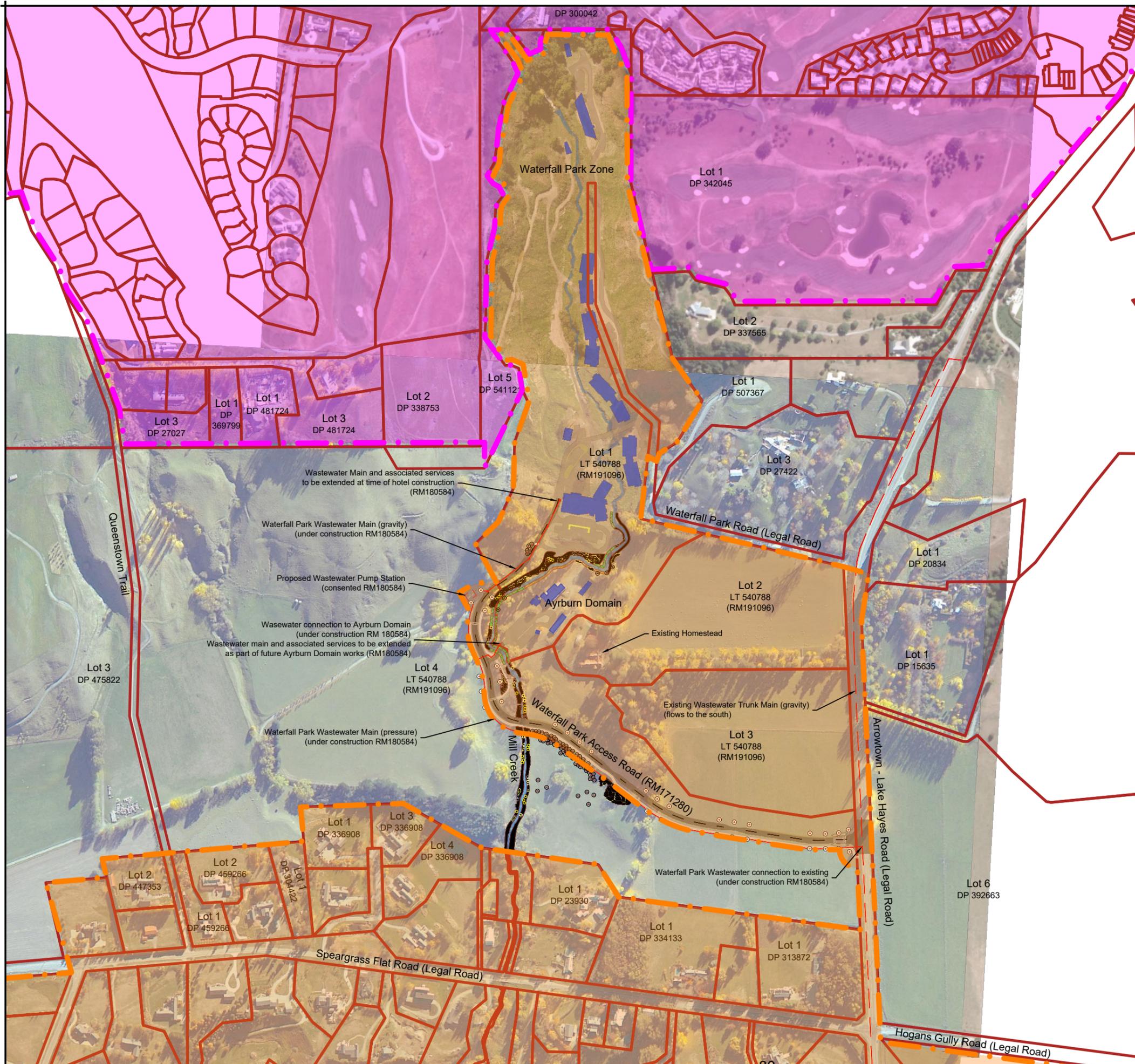
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Client/Location:
Waterfall Park Developments Ltd

Purpose/Drawing Title:
Existing Wastewater Scheme Boundary

Surveyed by:	Original Size:	Scale:
Designed by:	A3	1:5000
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Checked by: LC		
Approved by:	Sheet No: 21	Revision No: A
Job Ref: Q6388-16		Date Created: 05/03/2020



- Legend**
- - - Proposed Private Wastewater SubScheme Boundary
 - - - Proposed Wastewater Scheme Boundary (Lake Hayes)
 - Road Carriageway (under construction)
 - Road Carriageway (consented RM 180584, includes servicing)
 - Consented Building - RM180584 (includes servicing)
 - Waterfall Park Wastewater Main (under construction)
 - Existing QLDC Wastewater Trunk Main
 - Boundary

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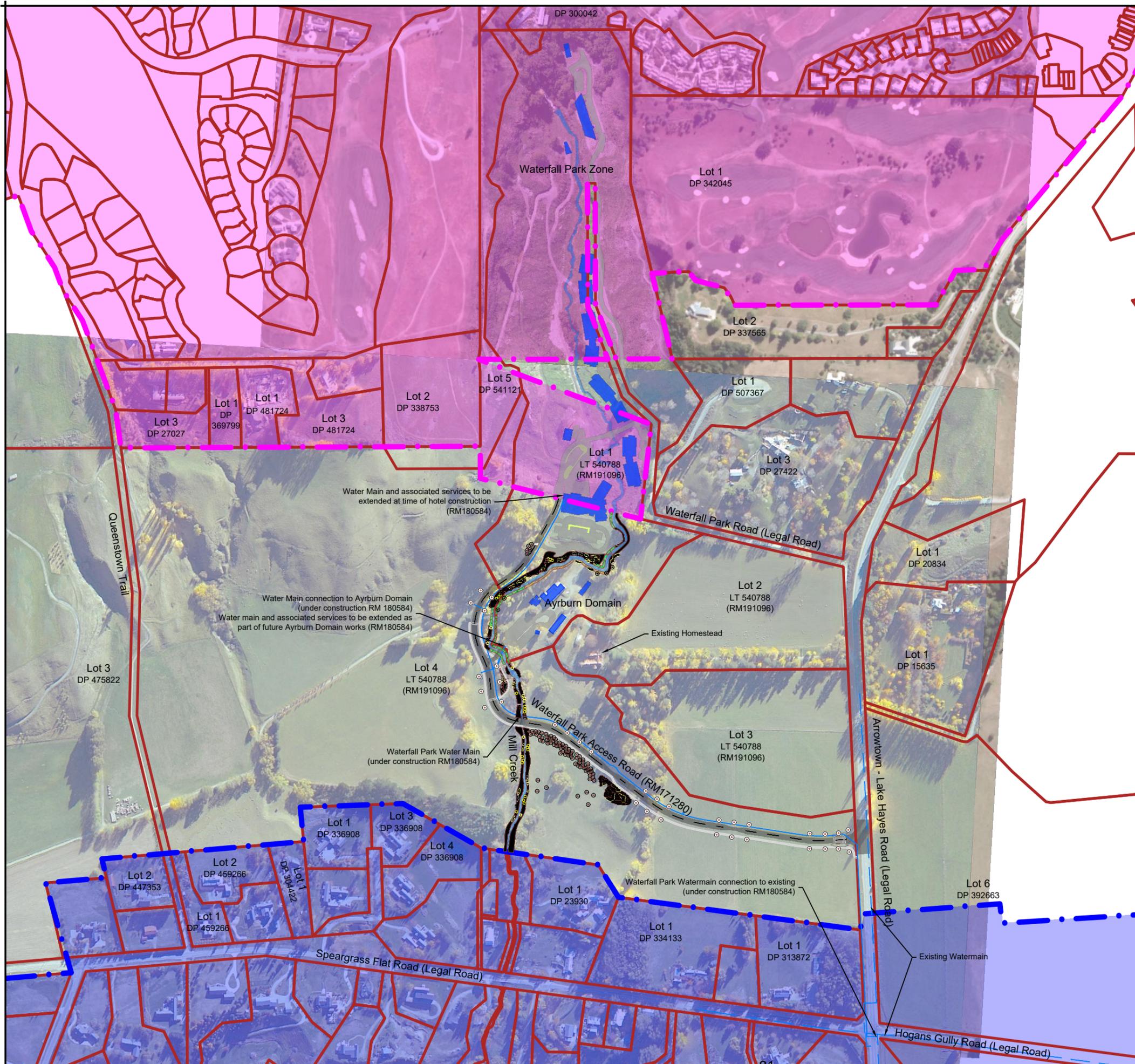
Client/Location:

Waterfall Park Developments Ltd

Purpose/Drawing Title:

Proposed Wastewater Scheme Boundary

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Checked by:	LC	Job Ref:	Revision No: B
Approved by:		Q6388-16	Date Created: 05/03/2020
Sheet No: 22	Revision No: B	Date Created: 05/03/2020	



- Legend**
- - - Existing Private Water Supply SubScheme Boundary
 - - - Existing Water Supply Scheme Boundary (Lake Hayes)
 - Road Carriageway (under construction)
 - Road Carriageway (consented RM 180584, includes servicing)
 - Consented Building - RM180584 (includes servicing)
 - Waterfall Park Watermain (under construction)
 - - - Existing QLDC Watermain
 - Boundary

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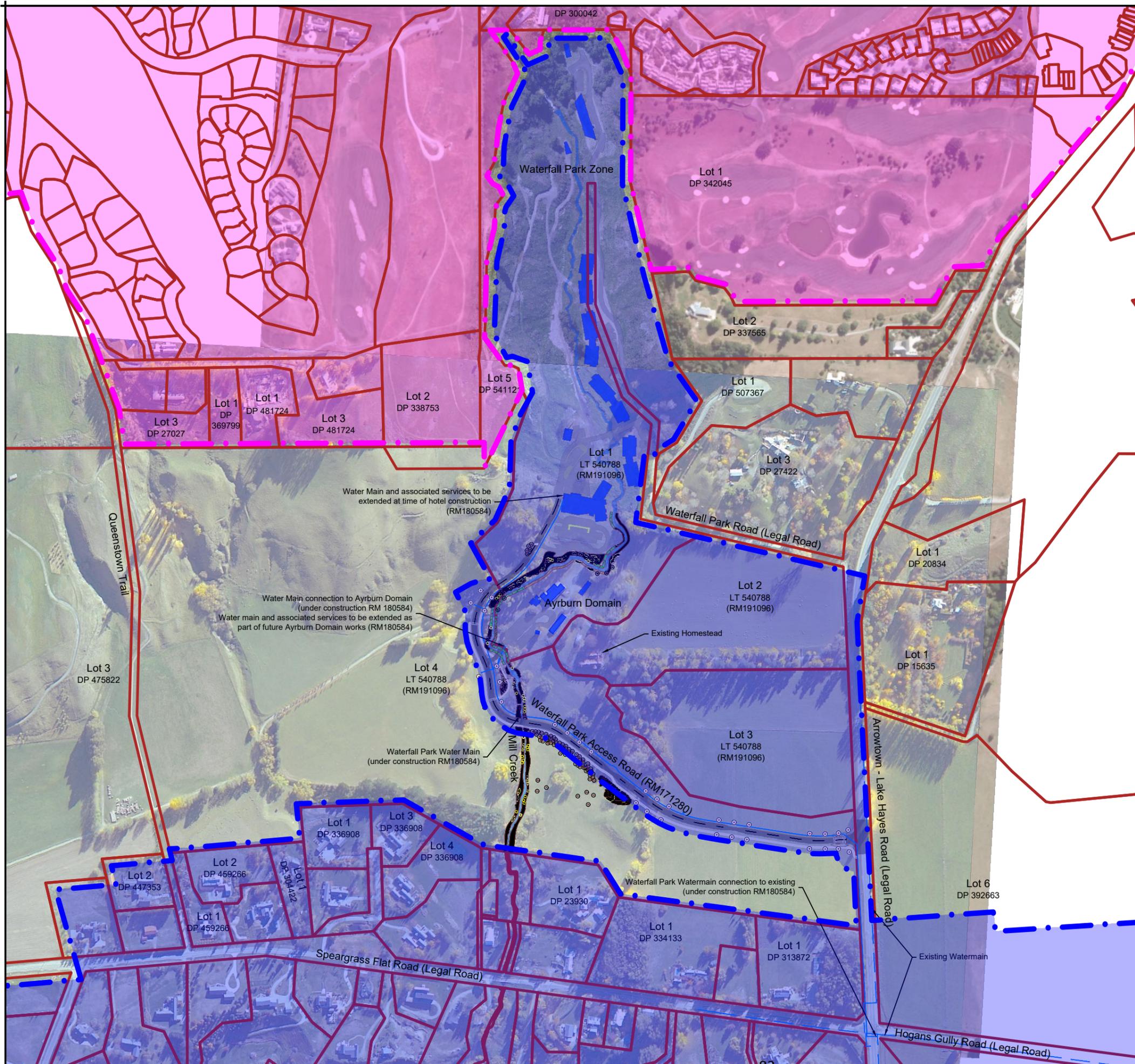
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Client/Location:
Waterfall Park Developments Ltd

Purpose/Drawing Title:
Existing Water Scheme Boundary

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- Legend**
- Proposed Private Water Supply SubScheme Boundary
 - Proposed Water Supply Scheme Boundary (Lake Hayes)
 - Road Carriageway (under construction)
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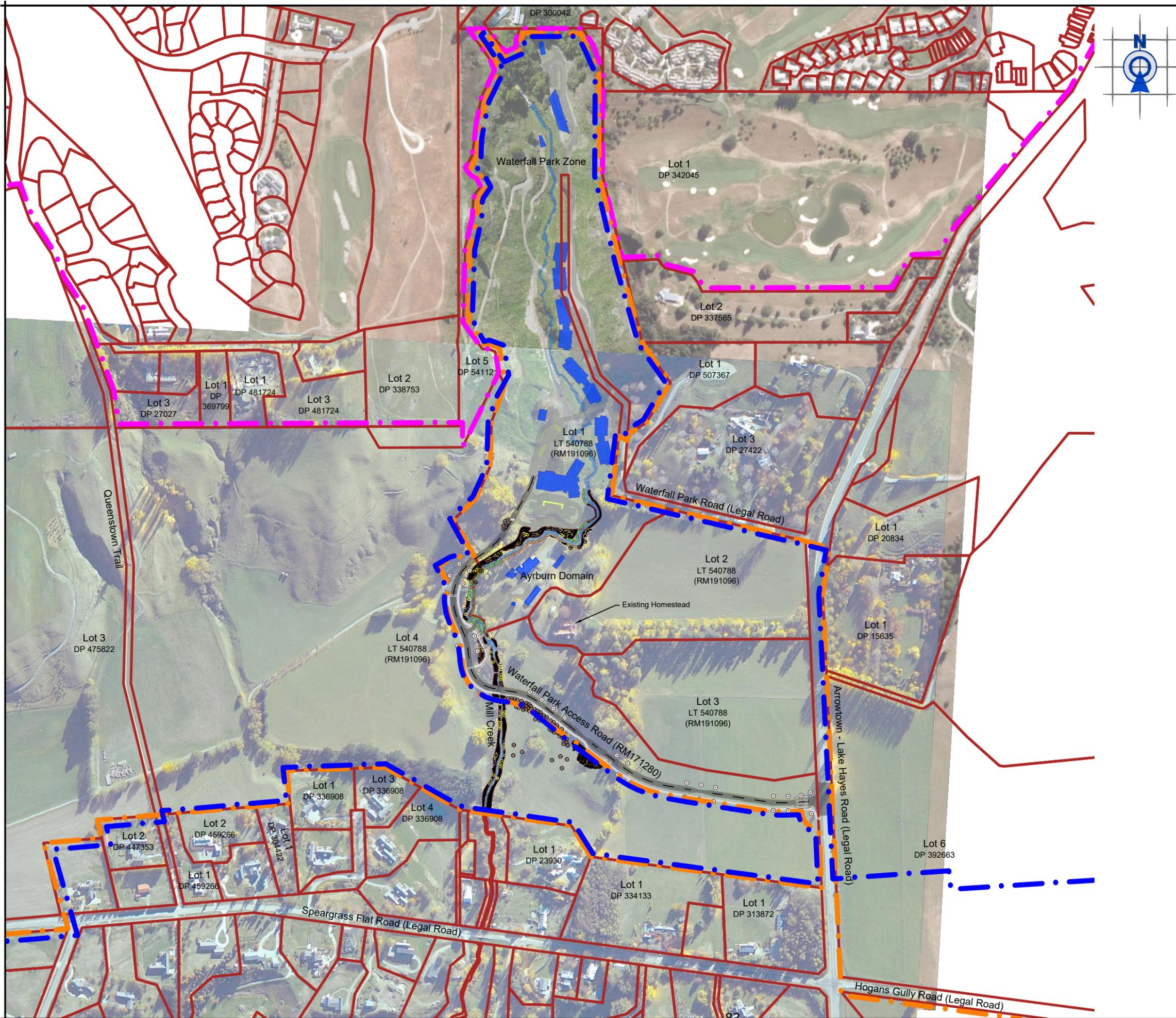
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Purpose/Drawing Title:
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Legend

- - - Proposed Private Water and Wastewater SubScheme Boundary
- - - Proposed Lake Hayes Scheme Boundary (Water)
- - - Proposed Lake Hayes Scheme Boundary (Wastewater)
- Road Carriageway (under construction)
- Road Carriageway (consented RM 180584, includes servicing)
- Consented Building - RM180584 (includes servicing)
- Boundary

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Purpose/Drawing Title:
Proposed Scheme Boundaries

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