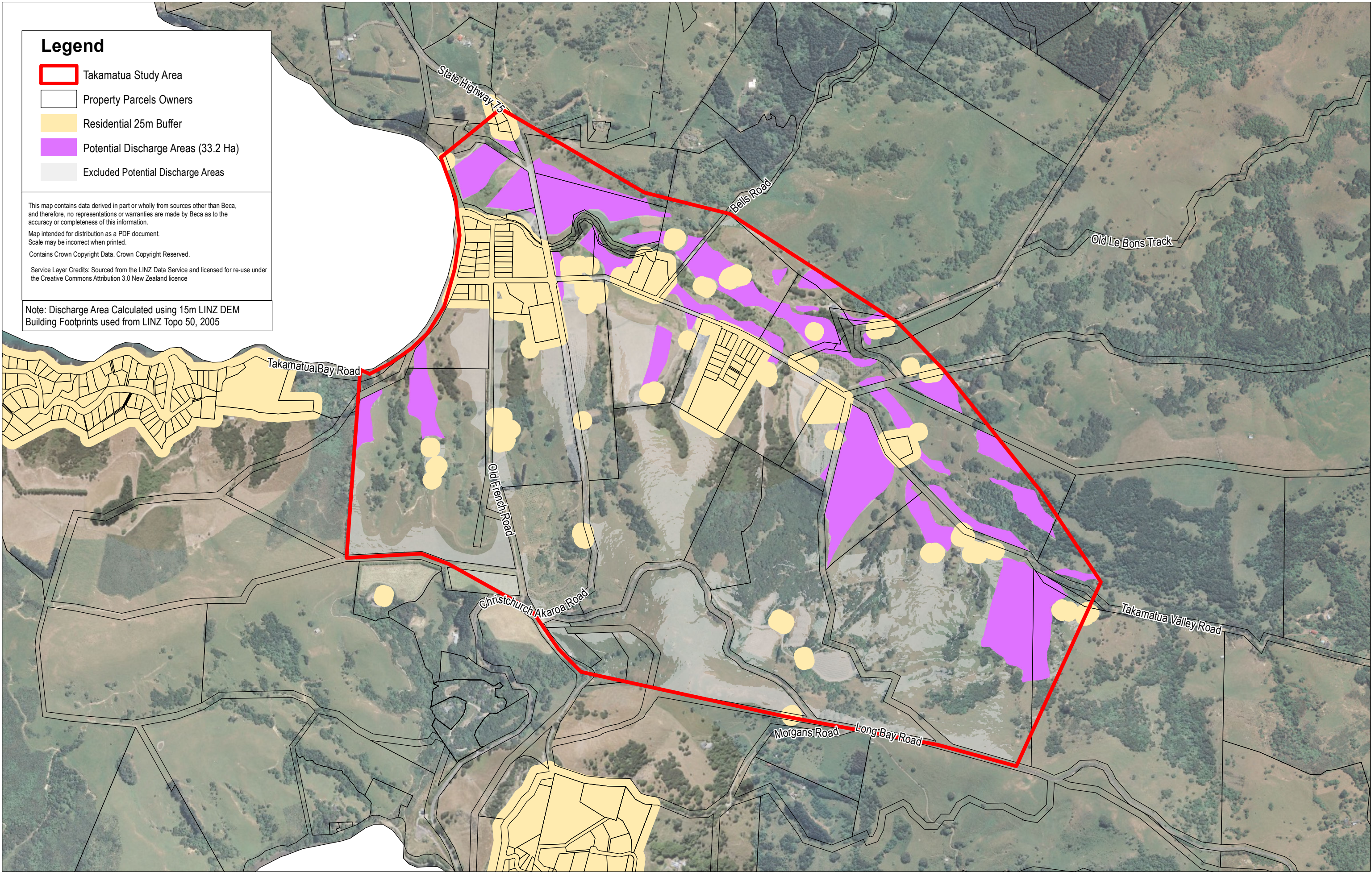


GIS@beca.com
Date: 17/02/2017
Author: GIS@beca.com
File: \\beca.net\projects\6517986\GIS\01 Map\6517986-20-12_AkaroaNewWWTP_Takamatua_Kline.mxd



Legend

- Takamatua Study Area
- Property Parcels Owners
- Residential 25m Buffer
- Potential Discharge Areas (33.2 Ha)
- Excluded Potential Discharge Areas

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Note: Discharge Area Calculated using 15m LINZ DEM
Building Footprints used from LINZ Topo 50, 2005

Map Scale @ A3: 1:10,000
0 100 200 400
Metres

1 Ha @ 1:10,000

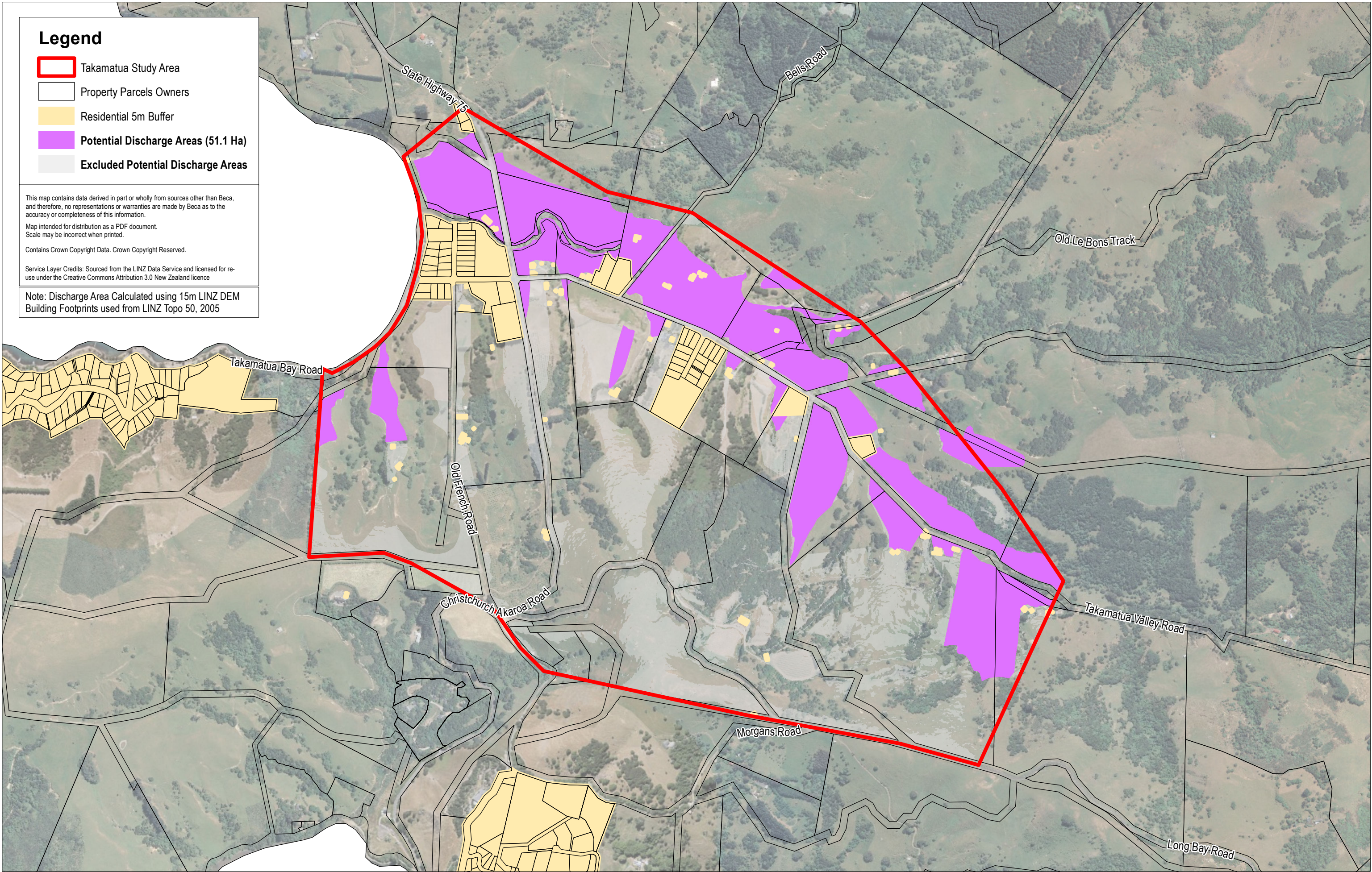
Revision	Author	Verified	Approved	Date	Title:
4	SRH	JAF2	GO	17/02/2017	Takamatua Study Area K-Line Spray Irrigation
3	SRH	DRAFT	DRAFT	21/07/2016	
2	SRH	DRAFT	DRAFT	19/07/2016	
1	SRH	DRAFT	DRAFT	12/07/2016	

Client:
Christchurch City Council

Project:
Akaroa Wastewater Upgrade

Discipline:
GIS

Drawing No:
GIS-6517986-20-12



Legend

- Takamatua Study Area
- Property Parcels Owners
- Residential 5m Buffer
- Potential Discharge Areas (51.1 Ha)
- Excluded Potential Discharge Areas

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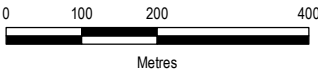
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Note: Discharge Area Calculated using 15m LINZ DEM
Building Footprints used from LINZ Topo 50, 2005

Map Scale @ A3: 1:10,000

1 Ha @ 1:10,000



Revision	Author	Verified	Approved	Date
3	SRH	JAF2	GO	17/02/2017
3	SRH	DRAFT	DRAFT	21/07/2016
2	SRH	DRAFT	DRAFT	19/07/2016
1	SRH	DRAFT	DRAFT	12/07/2016

Title:

Takamatua Study Area


Dripper Irrigation

Client:

Christchurch City Council

Project:

Akaroa Wastewater Upgrade



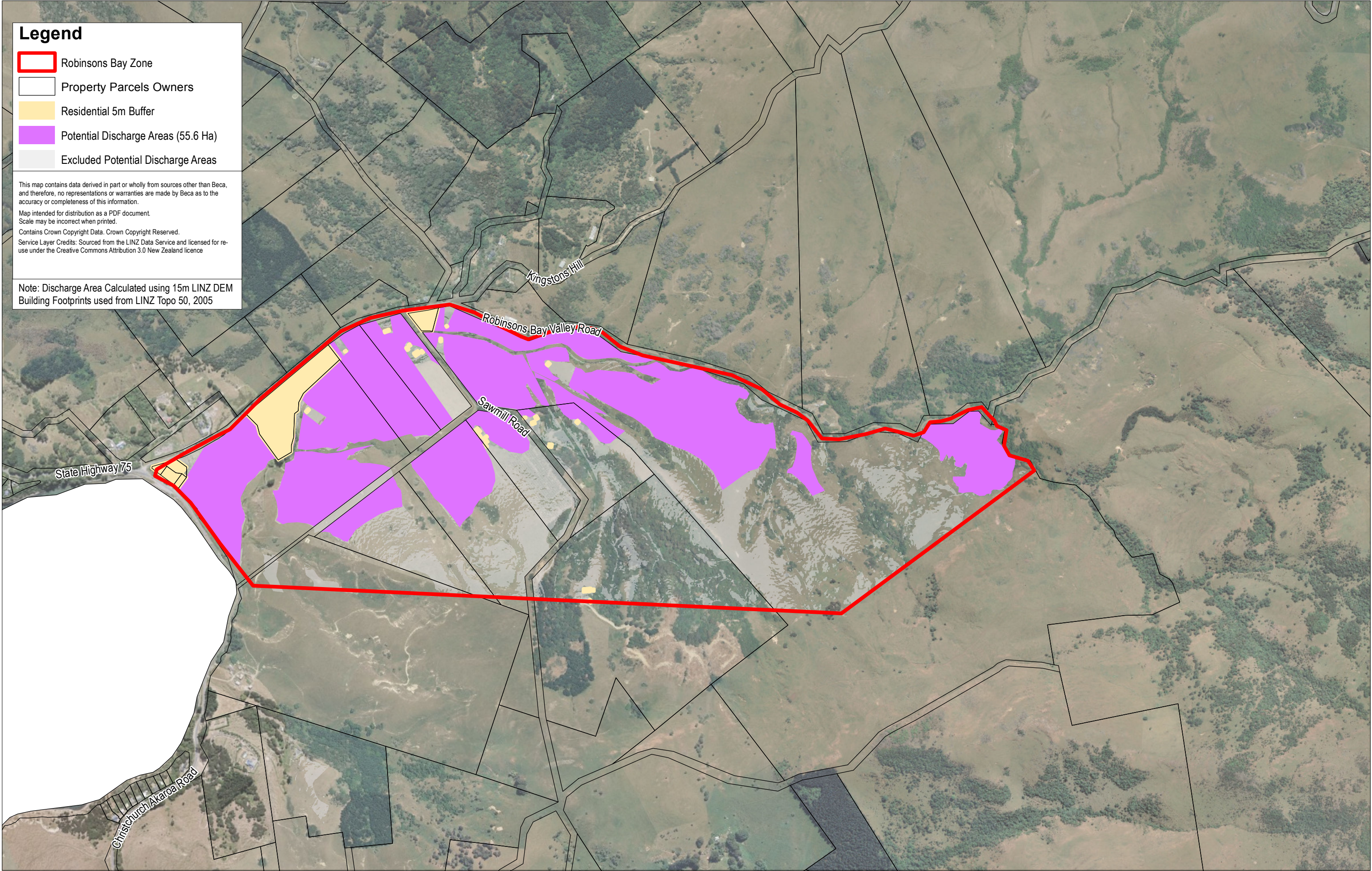
Discipline:

GIS

Drawing No:

GIS-6517986-20-13

GIS@beca.com
Date: 17/02/2017
Author:
File: P:6517986\TG101 Map\6517986-20-14_AkaroaNewWWTP_Robinsonsbay_DripperIrrigation.mxd



Legend

Robinsons Bay Zone

Property Parcels Owners

Residential 5m Buffer

Potential Discharge Areas (55.6 Ha)

Excluded Potential Discharge Areas

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Note: Discharge Area Calculated using 15m LINZ DEM
Building Footprints used from LINZ Topo 50, 2005

Map Scale @ A3: 1:10,000

1 Ha @ 1:10,000

0100200400

Metres

N

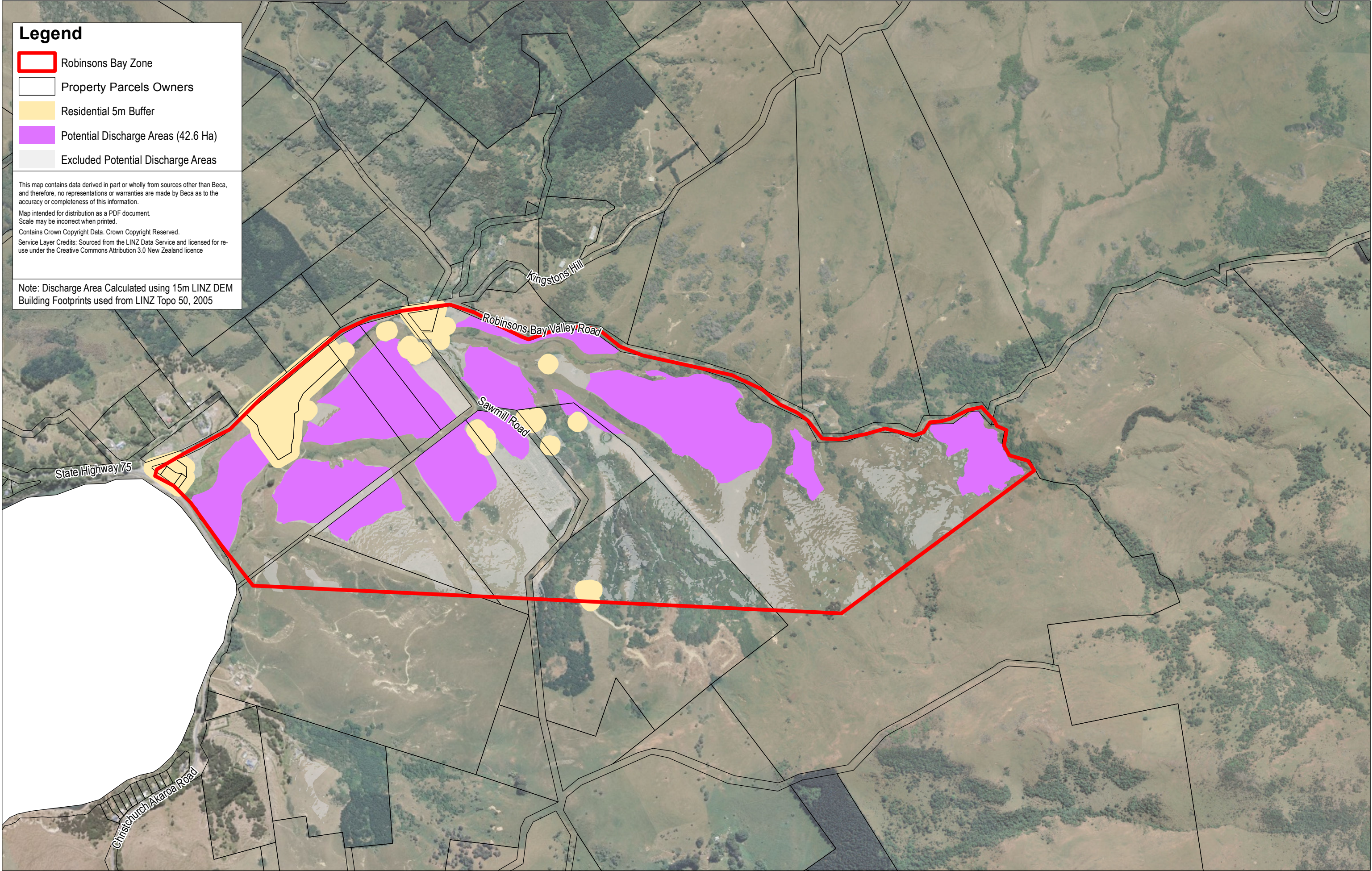
Revision	Author	Verified	Approved	Date	Title:
3	SRH	JAF2	GO	17/02/2017	Robinsons Bay Dripper Irrigation
3	SRH	DRAFT	DRAFT	21/07/2016	
2	SRH	DRAFT	DRAFT	19/07/2016	
1	SRH	DRAFT	DRAFT	12/07/2016	

Client:
Christchurch City Council

Project:
Akaroa Wastewater Upgrade

Discipline:
GIS

Drawing No:
GIS-6517986-20-14



Robinsons Bay Zone

Property Parcels Owners

Residential 5m Buffer

Potential Discharge Areas (42.6 Ha)

Excluded Potential Discharge Areas

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Note: Discharge Area Calculated using 15m LINZ DEM
Building Footprints used from LINZ Topo 50, 2005

Map Scale @ A3: 1:10,000

1 Ha @ 1:10,000

0100200400

Metres

N

Revision	Author	Verified	Approved	Date	Title:
3	SRH	JAF2	GO	17/02/2017	Robinsons Bay K-Line Spray Irrigation
3	SRH	DRAFT	DRAFT	21/07/2016	
2	SRH	DRAFT	DRAFT	19/07/2016	
1	SRH	DRAFT	DRAFT	12/07/2016	

Client:

Christchurch City Council

Project:

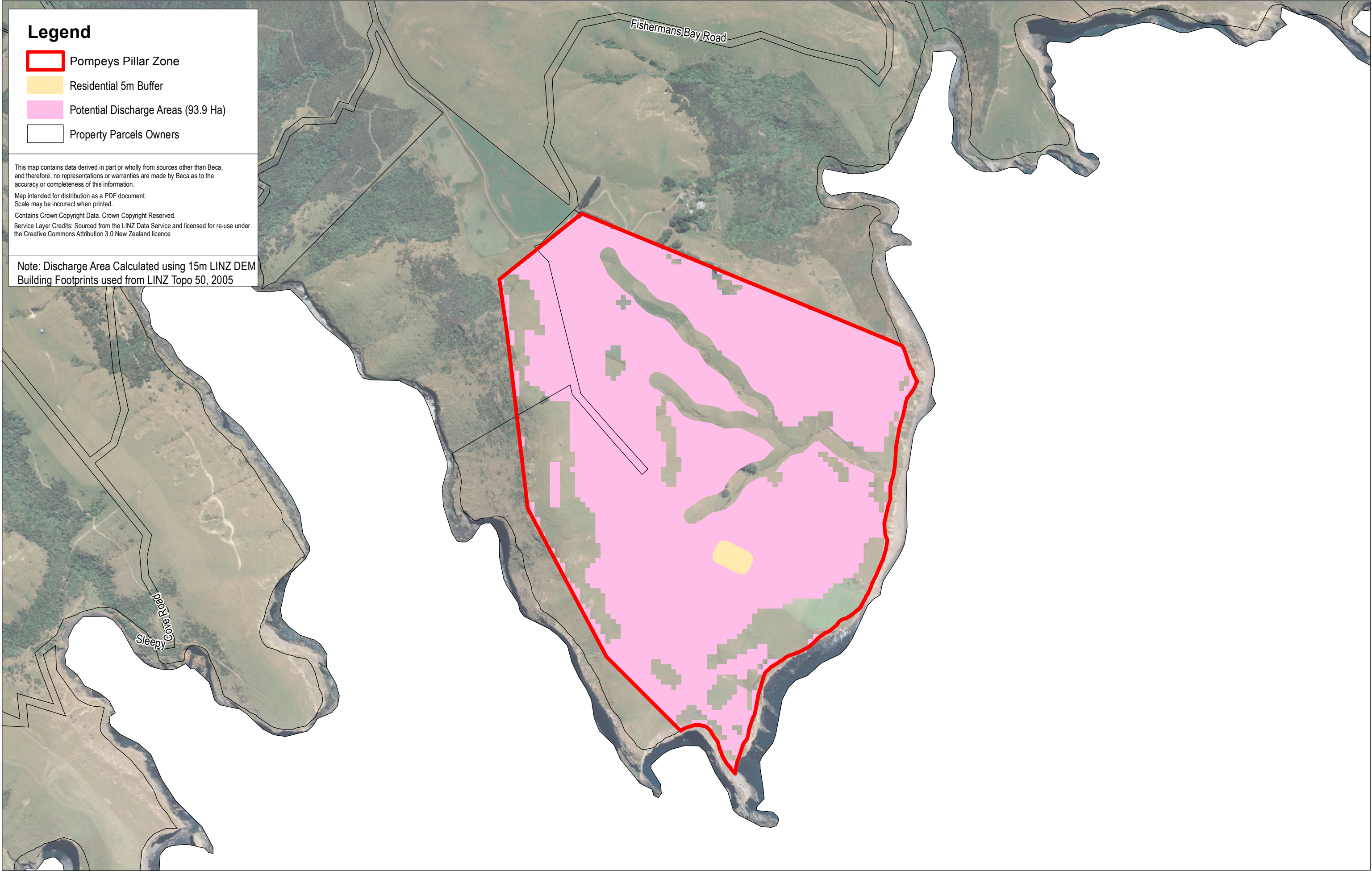
Akaroa Wastewater Upgrade

Discipline:

GIS

Drawing No:

GIS-6517986-20-15



Legend

- Pompeys Pillar Zone
- Residential 5m Buffer
- Potential Discharge Areas (93.9 Ha)
- Property Parcels Owners

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Note: Discharge Area Calculated using 15m LINZ DEM
Building Footprints used from LINZ Topo 50, 2005

Map Scale @ A3: 1:10,000

1 Ha @ 1:10,000



Revision	Author	Verified	Approved	Date	Title:
					Pompeys Pillar Study Area K-Line Spray Irrigation
1	SRH	JAF2	GO	17/02/2017	
1	SRH	DRAFT	DRAFT	21/07/2016	

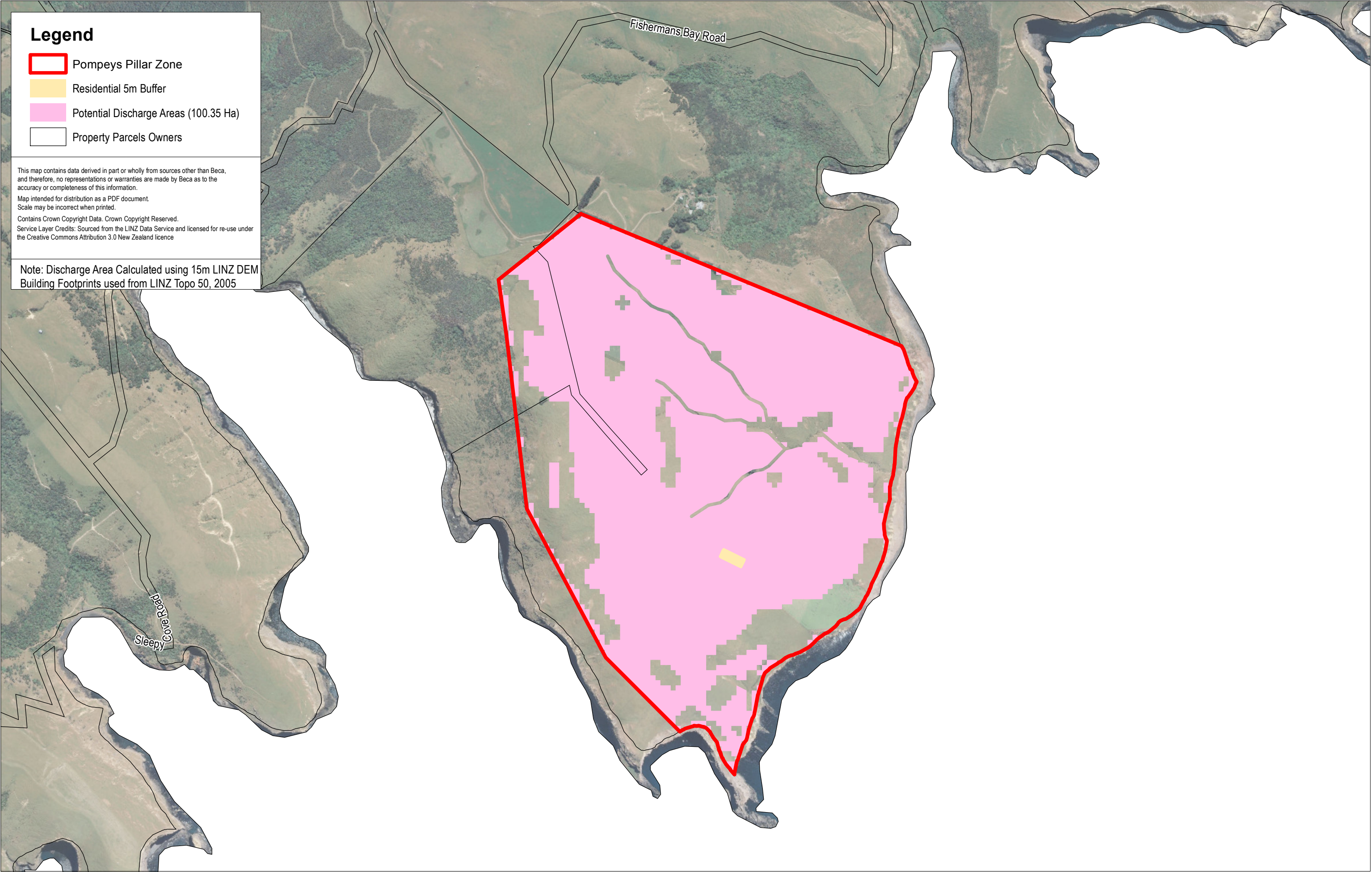
Client: Christchurch City Council

Project: Akaroa Wastewater Upgrade



Discipline: GIS

Drawing No: GIS-6517986-20-16



Legend

- Pompeys Pillar Zone
- Residential 5m Buffer
- Potential Discharge Areas (100.35 Ha)
- Property Parcels Owners

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Note: Discharge Area Calculated using 15m LINZ DEM
Building Footprints used from LINZ Topo 50, 2005

Map Scale @ A3: 1:10,000

1 Ha @ 1:10,000

Revision	Author	Verified	Approved	Date
2	SRH	JAF2	GO	17/02/2017
1	SRH	DRAFT	DRAFT	21/07/2016

Title:

Pompeys Pillar Study Area
Dripper Spray Irrigation

Client: Christchurch City Council

Project: Akaroa Wastewater Upgrade

Discipline: GIS

Drawing No: GIS-6517986-20-17