

## Soil Contamination Risk Preliminary Site Investigation Report

## 25 Ashley Gorge Road, Oxford

September 2023



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## **QUALITY CONTROL AND CERTIFICATION SHEET**

**Client:** Survus Consultants

Date of issue: 25 September 2023

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## 1 Executive Summary

The subject site is a rural property located at 25 Ashley Gorge Road, Oxford, Canterbury. There are currently two proposals for the subject site: an initial two lot subdivision of part of the subject site to create a 0.45ha residential lot and a 19.64ha balance lot, and it is proposed to rezone the subject site from 'Rural' to 'Large Lot Residential' on the Waimakariri District Plan. This will involve a change in use, subdivision and potential disturbance of soils in the future. The Resource Management (National Environmental Standard for Assessing and Managing Contaminants in Soil to Protect Human Health) Regulations 2011 (NESCS) require an assessment of the likelihood of soil contamination being present. It is also noted that Momentum Environmental Ltd is obligated to consider the requirements of Section 10 (4) of the Health and Safety at Work (Asbestos) Regulations 2016. This report details the work undertaken to assess the risks.

This Preliminary Site Investigation (PSI) has identified confirmed or likely Hazardous Activities and Industries List (HAIL) activities on the subject site and there may be a risk to human health from contaminated soils. The following potential sources of contamination have been identified:

- Potential historical storage of persistent pesticides within and around farm sheds (HAIL A10)
- Current and potential historical storage of oil/fuel within and around sheds (HAIL A17).
- Potential heavy metal and/or asbestos contamination from the possible use of lead-based paints or asbestos containing materials (ACM) on older buildings (HAIL I).
- Potential heavy metal contamination within burn areas/under waste piles containing non-green waste items (HAIL I).
- Potential heavy metal and/or asbestos contamination within two mounds that may include demolition debris (HAIL I).

It is recommended that Detailed Site Investigations (DSI), in terms of the Ministry for the Environment's Contaminated Land Management Guidelines, be undertaken on the identified risk areas prior to development.

With respect to the initial proposed subdivision on the south-east corner of the subject site, it is recommended that a DSI be undertaken on the identified risk area that extends onto the proposed 0.45ha lot prior to subdivision and development of the lot for residential use.

With respect to the proposed rezoning of the subject site, the identified HAIL activities/risks do not preclude eventual residential subdivision of the land and do not require any further investigation for the purposes of plan change. As each stage of the plan change area is developed, the need for an updated Preliminary Site Investigation and/or site inspections should be considered, along with Detailed Site Investigations as required.

In terms of planning status, the Preliminary Site Investigation has identified evidence of HAIL activities occurring on the subject site. Therefore, the NESCS does apply, and resource consent will be required for the initial subdivision and for future change of use, subdivision and soil disturbance activities.

## 2 Objectives of the Investigation

This report has been prepared in general accordance with the Ministry for the Environment's "Contaminated Land Management Guidelines No 1: Reporting on Contaminated Sites in New Zealand, revised 2021". This report includes all requirements for a Preliminary Site Investigation report.

The objective of this report is to:

- Collect and assess information from multiple sources to understand previous and current land uses.
- To describe the subject site's physical and environmental features to understand potential pathways and receptors.
- To establish under the NESCS whether it is more likely than not that an activity or industry described in the Hazardous Activities and Industries List (HAIL) is being, or has been, undertaken on the subject site.
- To assess whether there is any risk to potential receptors that would warrant further investigation.

## 3 Scope of Work Undertaken

The scope of the work undertaken has included:

- Obtaining and review of Environment Canterbury (ECan) GIS data including the Listed Land Use Register (LLUR).
- Search of Land Information New Zealand (LINZ) orchard database.
- Review of relevant historical aerial photographs.
- Review of relevant historical certificates of title (CTs).
- Review of Waimakariri District Council (WDC) property files.
- Site inspection.
- Preparation of this report in accordance with MfE guidelines.

## 4 Site Identification

The subject site is located at 25 Ashley Gorge Road, Oxford, Canterbury. The subject site is made up of twelve rural sections, as shown on the plan in **Figure 1** below, and has a total area of approximately 49.68ha.





Figure 1 – Location Plan

## 5 Proposed Site Use

It is proposed to subdivide part of the subject site to create a 0.45ha residential lot on the south-east corner and a 19.64ha balance lot. A copy of the subdivision plan is included in **Appendix A**.

It is also proposed to rezone the entire subject site to allow 'Large Lot Residential' development. This will enable future change in use, subdivision and potential disturbance of soils.

## 6 Site Description

## 6.1 Environmental Setting

Table 2 - Environmental Setting

Table 2 – Environmental Setting					
Topography	The site is mainly flat land. The land slopes up along the northern boundary.				
Geology	The ECan GIS database describes the soils at the subject site as a combination of				
	Claremont moderately deep silt over clay, Mairaki moderately deep silt over clay,				
	Waitohi moderately deep silt over clay, and Lowcliffe stony silt.				
	Nearby bore logs indicate that topsoils are underlain by layers of clay and sandy gravel and claybound gravel.				
Soil Trace	According to the ECan GIS database, natural concentrations of trace elements for				
Elements	the subject site are mainly those of the 'Regional, Intergrade' soil group with an				
	area from the 'Regional, Gley' soil group.				
Groundwater	The subject site lies over the unconfined/semiconfined gravel aquifer system. Groundwater levels recorded on onsite and nearby bore logs are between 0.27m				
	and 3.51m deep. The direction of groundwater flow is generally in a south-easterly				
	direction.				
Surface Water	Three unnamed streams and several farm drains cross the subject site. The Eyre				
	River lies approximately 2km south of the subject site.				
	1 1 1				

### 6.2 Site Layout & Current Site Uses

The subject site is mainly pastoral farmland. A dwelling and two sheds are located within a curtilage area on the north-east corner of the subject site. To the north of the dwelling is a yard area with farm sheds. To the south of the dwelling is another yard with shed, a dairy, milking area and effluent disposal tank. Two more farm sheds are present on the south-east corner of the subject site.

## 6.3 Surrounding Land Uses

The surrounding land is mainly rural and rural residential land. The township of Oxford is located to the south and south-east of the subject site.

### 6.4 Geotechnical Investigations

No geotechnical investigations were made available to Momentum Environmental Ltd (MEL).

## 7 Historical Site Use Assessment

## 7.1 Previous Site Ownership and Use

Historical Certificate of Titles (CTs) were reviewed with the following relevant ownership information outlined below. One potentially contaminating land use was identified from the ownership information. Part of the subject site was owned by a market gardener between 1946 and 1951.

RS 1391 & Part RS 1560 (current title CB17A/179)

23 June 1884 Agnes Fisher, widow 09 April 1885 John Parlane, farmer 16 November 1893 William Wilke, farmer

02 October 1903 Charles Percival Gainsford, farmer 30 August 19?? Richard John Bickerton Dalley, farmer

23 June 1920 Willie Holder, farmer

09 May 1927 Richard John Bickerton Dalley, retired farmer

18 March 1930 John Wright, farmer

12 March 1931 Richard John Bickerton Dalley, retired farmer

28 August 1950 Cecil Richmond Lyall Monk, farmer
23 December 1963 Thomas Charles Gough, farmer
06 May 1965 Gerald Aubrey Eyles, farmer
07 December 1972 Norman Paget Rowe, farmer

18 January 1985 Norman Paget Rowe, farmer and Jennifer Anne Rowe, married woman

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#### Part RS 1561 (current title CB376/298)

03 May 1926 Peter Garlick, farmer 28 February 1941 The Public Trustee

25 June 1947 Elizabeth May Garlick, spinster

17 August 1955 Elizabeth May Garlick, spinster, Richard Garlick, farmer and Emma Daphne

Garlick, his wife

12 April 1959 Patrick Warren Jennings, farmer and Margaret Mary Jennings, his wife 14 February 1963 Patrick Warren Jennings and Patrick Harper Jennings, both farmers

30 June 1969 Ross Barber, farmer

19 May 1978 Murray Charles Jackson Highfield, farmer

12 February 1979 Norman Paget Rowe, farmer

18 January 1985 Norman Paget Rowe, farmer and Jennifer Anne Rowe, married woman

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#### Part RS 1561 (current title CB19B/73)

10 January 1902 August Zimmerman, labourer and Wilhelmina Zimmerman, his wife

28 April 1908 Peter Garlick, farmer 28 February 1941 The Public Trustee

25 June 1947 Elizabeth May Garlick, spinster

17 August 1955 Elizabeth May Garlick, spinster, Richard Garlick, farmer and Emma Daphne

Garlick, his wife

12 April 1959 Patrick Warren Jennings, farmer and Margaret Mary Jennings, his wife 14 February 1963 Patrick Warren Jennings and Patrick Harper Jennings, both farmers

30 June 1969 Ross Barber, farmer

19 May 1978 Murray Charles Jackson Highfield, farmer

12 February 1979 Norman Paget Rowe, farmer

18 January 1985 Norman Paget Rowe, farmer and Jennifer Anne Rowe, married woman

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#### Part RS 1561 (current title CB19B/74)

13 August 1885 Gottfried Tritt, labourer

07 January 1905 Charles Zimmerman, carpenter

23 September 1907 Peter Garlick, farmer

28 February 1941 The Public Trustee 25 June 1947 Elizabeth May Garlick, spinster Elizabeth May Garlick, spinster, Richard Garlick, farmer and Emma Daphne 17 August 1955 Garlick, his wife Patrick Warren Jennings, farmer and Margaret Mary Jennings, his wife 12 April 1959 14 February 1963 Patrick Warren Jennings and Patrick Harper Jennings, both farmers 30 June 1969 Ross Barber, farmer 19 May 1978 Murray Charles Jackson Highfield, farmer Norman Paget Rowe, farmer 12 February 1979

18 January 1985 Norman Paget Rowe, farmer and Jennifer Anne Rowe, married woman

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## Part RS 1626 (current title CB20A/174) and RS 1956, RS 2405 & Part RS 1626 (current title CB376/258)

11 April 1904 Richard John Bickerton Dalley, farmer 06 December 1920 Ernest Howard Thompson, farmer Marcus William Gill, market gardener 04 October 1946 04 May 1951 Alfred Merry Palmer, farmer James Henry O'Neill and Donald O'Neill, both farmers 17 March 1965 16 June 1966 Ross Barber, farm hand 14 Mat 1969 Norman Paget Rowe, farmer Norman Paget Rowe, farmer and Jennifer Anne Rowe, married woman 18 January 1985

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Note that some of the older information was of poor quality and difficult to follow, therefore the accuracy of the spelling of names and dates is not guaranteed. Copies of the historical CTs are included in

Appendix B.

#### 7.2 District Council Records

The subject site is currently zoned Rural in the Waimakariri District Plan.

The property files were provided by Waimakariri District Council on 24 August 2023. Details of the building consents and permits within the files are summarised below.

24 February 1964 Application to extend the dwelling. 05 May 1971 Building permit for a piggery with a concrete floor, to be located on the southeast corner of the subject site. 28 April 1976 Building permit for a dairy with concrete walls and floor and an iron roof. 12 April 1979 Building permit for a weatherboard porch extension. 21 October 1981 Building permit for additions to the dwelling pantry. 16 July 1984 Building permit to erect a calf shed with block walls, iron roof and concrete floor. Calf shed to be located 40m from milking shed. 12 December 1995 Building consent to erect a conservatory. 24 July 1997 Building consent to install a solid fuel heater. 09 February 2012 Building consent to install a 'Kliptank' dairy effluent tank.

### 7.3 Regional Council Records

The subject site is <u>not</u> listed on the Listed Land Use Register (LLUR) for activities and industries as per the 'Hazardous Activities and Industries List' (HAIL).

One site within 100m of the subject site is listed on the LLUR:

Site 137993, 649 Bay Road, Oxford is listed for 'G4 – Scrap yards' from before 1975 onwards.
 The site is categorised as 'Verified HAIL has not been investigated'. The listed site is approximately 45m from the current subject site.

A full copy of the LLUR statement is attached in **Appendix C**.

The ECan GIS database shows no active bores on or within 100m of the subject site.

The ECan GIS database shows active resource consents for the subject site to discharge diluted dairy effluent to land and air, and to divert water from Findleys Drain to Frahms Drain. There are no active resource consents shown within a 100m radius of the subject site.

### 7.4 LINZ Records

The LINZ Orchard layer does not show the subject site, or any properties within 100m as having listed orchards.

### 7.5 Review of Historical Aerial Photographs

A total of eight aerial photographs have been sourced from the ECan GIS database. Copies of the aerial photographs used are included in **Appendix D**.

- The earliest available aerial photograph is from 1941. It shows the majority of the subject site is in pasture. A dwelling and farm shed are present on the north-east corner of the subject site. A second dwelling is present on the south-east corner of the subject site. To the south of this dwelling are two farm buildings and two small structures, likely animal shelters. Round structures to the north of this dwelling are likely haystacks. The surrounding area is mainly similar pastoral farmland with some residential lots present along the nearby roads.
- The next available aerial photograph is from 1958. It shows additional farm sheds have been added to the north and south of the dwelling on the north-east corner of the subject site. A square structure is present approximately 95m south of this dwelling. On the south-east corner of the subject site one of the previous sheds has been removed and a new shed erected. The two small structures have been removed. There are no significant changes to the surrounding area.
- The **1960** aerial photograph is grainy and detail difficult to discern. There is no apparent change of use for the subject site or surrounding area.
- The **1976** aerial photograph shows the dairy and milking area is under construction to the southeast of the northern dwelling. Previously noted sheds have been removed and new sheds erected in the area to the west of the dairy. The southern dwelling appears to have been demolished. The piggery included in the council property file has been constructed to the west of the former dwelling. A concrete path now appears to extend from one of the sheds on the south-east corner of the subject site. The other shed in this paddock appears to have been replaced with a new shed slightly south of the original location. A dwelling has been constructed beyond the subject site at 235 High Street. Storage of vehicles appears to be occurring beyond the subject site to the south-west, this is the location of the site listed for 'G4 Scrap yards' on the LLUR statement.

- The next available aerial photograph is from 1994. One of the sheds on the south-east corner may have been removed. A new shed appears to be present along the shelterbelt to the west of the former dwelling. A dwelling is now present beyond the subject site at 237 High Street. Greater residential development has occurred to the south of the subject site, within the Oxford township. The scrap yard beyond the subject site to the south-west has been extended to the west.
- The **2005** aerial photograph shows no significant changes to the subject site. Rural residential development has occurred to the north of the subject site.
- The **2011** aerial photograph shows no significant changes to the subject site. More residential development has occurred along Queen Street to the south of the subject site.
- The latest aerial photograph is dated 2021. It shows the dairy effluent tank has been installed to the south-west of the dairy and milking area. There are no other significant changes to the subject site or surrounding area.

## 8 Site Inspection

An inspection was undertaken on 01 September 2023 to assess the likelihood of soil contamination on the subject site. Site Inspection and Risk Area Plans detailing the structures on the subject site and potential sources of contamination, including those identified by the desktop portion of this investigation, are included in **Appendix E**.

Potential sources of contamination were identified on the north-east and south-east corners of the subject site around current and former buildings.

#### North-east corner

The north-east corner of the subject site includes a residential area and two farm yard areas. The residential area includes a pre-1941 weatherboard dwelling, a weatherboard shed, and an iron and timber pole shed with a concrete floor currently used to store vehicles.



Photo 1 - Weatherboard dwelling



Photo 2 - Weatherboard shed



Photo 3 - Timber & pole shed with concrete floor

To the north of the dwelling is a gravel yard surrounded by farm sheds (most with earth floors) and a dilapidated railway carriage. One of the earth floor sheds is being used to store twenty-five diesel engine oil drums. Some minor storage of items is occurring around the sheds. Beyond this yard to the north is a burn area, the current burn pile includes treated timber and other rubbish items as well as green waste.





Photo 4 – Iron & timber shed with oil drums







Photo 6 - Oil drum label

Photo 7 - Iron & timber shed





Photo 8 - Iron & timber shed



Photo 9 - Railway carriage



Photo 10 - Minor storage of items around yard

Photo 11 - Treated timber in burn pile

To the south of the dwelling are more farm buildings including a milking area, dairy, animal sheds, derelict structures and an effluent tank. The dairy is clad with cement board which is broken in places. Although no obvious asbestos fibres were visible on the broken pieces it is possible that this is an asbestos containing material (ACM). Adjacent to the effluent tank is a mound with embedded demolition debris including timber, bricks and concrete visible. Another mound is present to the south of one of the animal sheds. Although no demolition debris was visible in this mound, the presence of buried items cannot be discounted.





Photo 13 - Dairy with broken cement board cladding





Photo 14 – Pieces of broken cement board on ground

Photo 15 – Loading ramp adjacent to milking area





Photo 16 - Animal shed

Photo 17 - Mound south of animal shed





Photo 18 - Animal shelter/shed

Photo 19 – Effluent tank





Photo 20 - Mound with embedded demo debris adjacent to mound

Photo 21 - Derelict animal shelter/shed



Photo 21 - Derelict structure beside stream

#### South-East Corner

This part of the subject site currently contains two farm sheds. Concrete pads are also present indicating the locations of former sheds and the former dwelling observed on the historical aerial photographs.

An iron and timber pole hayshed with an earth floor is currently not in use. At the northern end of this shed is a small waste pile including green waste, timber and plastic. To the east of this shed is the remains of a concrete walled building and two more concrete foundation pads. The concrete foundation pads lie within the proposed 0.45ha lot of the proposed subdivision. Timber, gravelly soils and concrete pieces are being stored within the concrete building. A stockpile of gravelly soil with some brick and concrete pieces, concrete pipes and a few tyres are present on the concrete foundation pads.



Photo 22 – Unused hayshed



Photo 23 - Small waste pile





Photo 24 - Remains of concrete building

Photo 25 – Soils, timber and concrete within building remains





Photo 26 - Concrete pad with gravelly soil, concrete pipes

Photo 27 - Concrete pad with tyres

Another iron and timber pole hayshed is present to the west of the former residential area. It is currently used to store firewood. Concrete areas, piles of bricks and a pump shed are present in the location of the former dwelling. A waste pile containing mainly green waste but also some treated timber posts is present to the south of the former dwelling area. Another waste pile is present to the north of the dwelling area where trees have recently been felled. Only green waste was visible in this pile. Ashy soils indicate that burning of the green waste has occurred.







Photo 29 - Concrete pad and pump shed



A derelict concrete, brick and timber piggery is also present on this corner of the subject site, to the west of the former dwelling area.





Photos 36 & 37 - Derelict piggery

## **Remainder of Subject Site**

The remainder of the subject site is in pasture with no evidence of potentially contaminating activities. Some piles of green waste are present within the paddocks and a few pieces of scrap metal were observed within trees next to a drain, however, these are considered unlikely to pose a risk of soil contamination.





Photos 38 & 39 - Paddocks on the subject site



Photo 40 - One green waste pile

Photo 41 – Scrap metal water tank





Photos 42 & 43 - Several farm drains and streams cross the subject site

## 9 Risk Assessment

#### 9.1 Potential HAIL Uses Identified

The Hazardous Activities and Industries List (HAIL) compiled by The Ministry for the Environment include the following categories (*in italics*) that could be associated with the historical uses of the site with a summary of the risk of these activities having been carried out on the site.

## A - Chemical manufacture, application and bulk storage

10. Persistent pesticide bulk storage or use, including sport turfs, market gardens, orchards, glasshouses or spray sheds

The majority of the subject site has been used for pastoral farming activities for its known history. The normal use of fertilisers and pastoral weed controls associated with pastoral use is unlikely to have caused soil contamination that would pose a risk to human health. However, multiple farm buildings have been present at the subject site since at least 1941. The storage of persistent pesticides in and around the farm buildings cannot be discounted. Contaminants of concern include heavy metals and organochlorine pesticides (OCPs).

Part of the subject site was owned by a market gardener between 1946 and 1951. Although there are no aerial photographs available for this period, there is no evidence of changes between the 1941 and 1958 aerial photographs to indicate that any part of the subject site was used for market gardening during this period. The area owned by the market gardener is shown on the Site Inspection and Risk Area Plan in **Appendix E**.

17. Storage tanks and drums for fuel, chemicals or liquid waste

Storage of heavy diesel engine oil is occurring within one of the sheds. Additionally, multiple farm buildings have been present at the subject site since at least 1941. The historical storage of fuels in and around the farm buildings cannot be discounted. Contaminants of concern include total petroleum hydrocarbons (TPH).

H - Any land that has been subject to the migration of hazardous substances from adjacent land in sufficient quantity that it could be a risk to human health or the environment

The ECan LLUR statement identified one site with HAIL activities within a 100m radius of the subject site. Based on the information within the LLUR statement and the review of aerial photographs, this site is considered unlikely to pose a risk of migration of contaminants to the subject site that would pose a risk to human health or the environment.

## I - Any other land that has been subject to the intentional or accidental release of a hazardous substance in sufficient quantity that it could be a risk to human health or the environment

Two dwellings and multiple farm buildings were noted on the subject site on the earliest available aerial photograph from 1941. One dwelling is still present and is known to be clad with painted weatherboard. The other dwelling has been removed and its construction is not known but is highly likely to have been painted weatherboard. Sheds have been replaced and/or relocated around the yard areas throughout the known history of the subject site. Based on the era of the buildings it is likely that lead-based paint products were used. The use of asbestos containing materials (ACM) also cannot be ruled out. Any natural deterioration or intentional removal may have caused contamination of the surrounding soils. Contaminants of concern include heavy metals and asbestos.

Waste and burn piles containing non-green waste items were observed during the site inspection. Contamination of the underlying soils may have occurred. Contaminants of concern include heavy metals.

Two mounds of soil were observed to the west of the dairy. One of the mounds has visible embedded demolition debris. No demolition debris was visible on the other mound but buried items can't be discounted. Contaminants of concern depends on the types of material buried but could include heavy metals and asbestos.

## 9.2 NESCS Regulation 6(3) Probability Assessment

In terms of the NESCS, Regulation 5(7) states that land is considered to be covered if an activity or industry described in the HAIL is being undertaken; has been undertaken; or is more likely than not to have been undertaken on it. Regulation 6 describes the methods for determining this. Method 6(3) is to rely on a Preliminary Site Investigation. The NESCS Users Guide indicates the test for 'more likely than not' is that there is more than a 50 percent likelihood of the HAIL having occurred. The table below states the likelihood of each HAIL identified:

Table 3 - NESCS Probability Assessment

HAIL Category	6(3)a - Is	6(3)b –	6(3)c – likelihood of having
	being	has been	been undertaken (if not
	undertaken	undertaken	confirmed)
A10 – Persistent pesticide bulk storage or	-	-	More likely than not
use			
A17 – Storage tanks for fuels or	<b>✓</b>	-	-
chemicals			
H – Migration of contaminants to the	-	-	Highly unlikely
subject site			
I – Any other - lead paint & asbestos	-	-	More likely than not

Therefore, the NESCS does apply to the site and resource consent may be required for activities controlled by the NESCS.

### 9.1 Conceptual Site Model

The following conceptual site model for the subject site indicates a potentially complete exposure pathway:

Table 4 - Conceptual Site Model

C	once	ptual Site Model	<ul><li>Heavy Metals</li></ul>		
Source		hways	Receptor	Exposure Pathway Status	
<ul> <li>Potential heavy metal &amp; OCP contamination within and around farm sheds.</li> <li>Potential TPH contamination from storage of fuel within and</li> </ul>	Human	Dermal contact, ingestion and inhalation through soil contact	Current and future site occupiers and workers involved in soil disturbance activities	Potentially complete	
<ul> <li>around farm sheds.</li> <li>Potential heavy metal and/or asbestos contamination around old</li> </ul>		Infiltration through soils to groundwater	Groundwater is assumed to be 0.27-3.51m deep at the site	Potentially complete – groundwater could be very shallow	
buildings. Potential heavy metal contamination within burn areas/under waste piles Potential heavy metal and/or asbestos contamination within two mounds that may include demolition debris.	Ecological	Surface runoff to waterways	Onsite drains and streams  Eyre River approx. 2km south of the subject site.	Potentially complete  Likely incomplete due to separation distance.	

Therefore, it is recommended that Detailed Site Investigations, in terms of the Ministry for the Environment's Contaminated Land Management Guidelines, be undertaken on the identified risk areas prior to development. These areas are shown on the Site Inspection & Risk Area Plans in **Appendix E**.

### 10 Conclusion

This investigation has identified confirmed or likely Hazardous Activities and Industries List (HAIL) activities on the subject site and there may be a risk to human health from contaminated soils. The following potential sources of contamination have been identified:

- Potential historical storage of persistent pesticides within and around farm sheds (HAIL A10)
- Current and potential historical storage of oil/fuel within and around sheds (HAIL A17).
- Potential heavy metal and/or asbestos contamination from the possible use of lead-based paints or asbestos containing materials (ACM) on older buildings (HAIL I).
- Potential heavy metal contamination within burn areas/under waste piles containing non-green waste items (HAIL I).
- Potential heavy metal and/or asbestos contamination within two mounds that may include demolition debris (HAIL I).

It is recommended that Detailed Site Investigations (DSI), in terms of the Ministry for the Environment's Contaminated Land Management Guidelines, be undertaken on the identified risk areas prior to development.

With respect to the initial proposed subdivision on the south-east corner of the subject site, it is recommended that a DSI be undertaken on the identified risk area that extends onto the proposed 0.45ha lot prior to subdivision and development of the lot for residential use.

With respect to the proposed rezoning of the subject site, the identified HAIL activities/risks do not preclude eventual residential subdivision of the land and do not require any further investigation for the purposes of plan change. As each stage of the plan change area is developed, the need for an updated Preliminary Site Investigation and/or site inspections should be considered, along with Detailed Site Investigations as required.

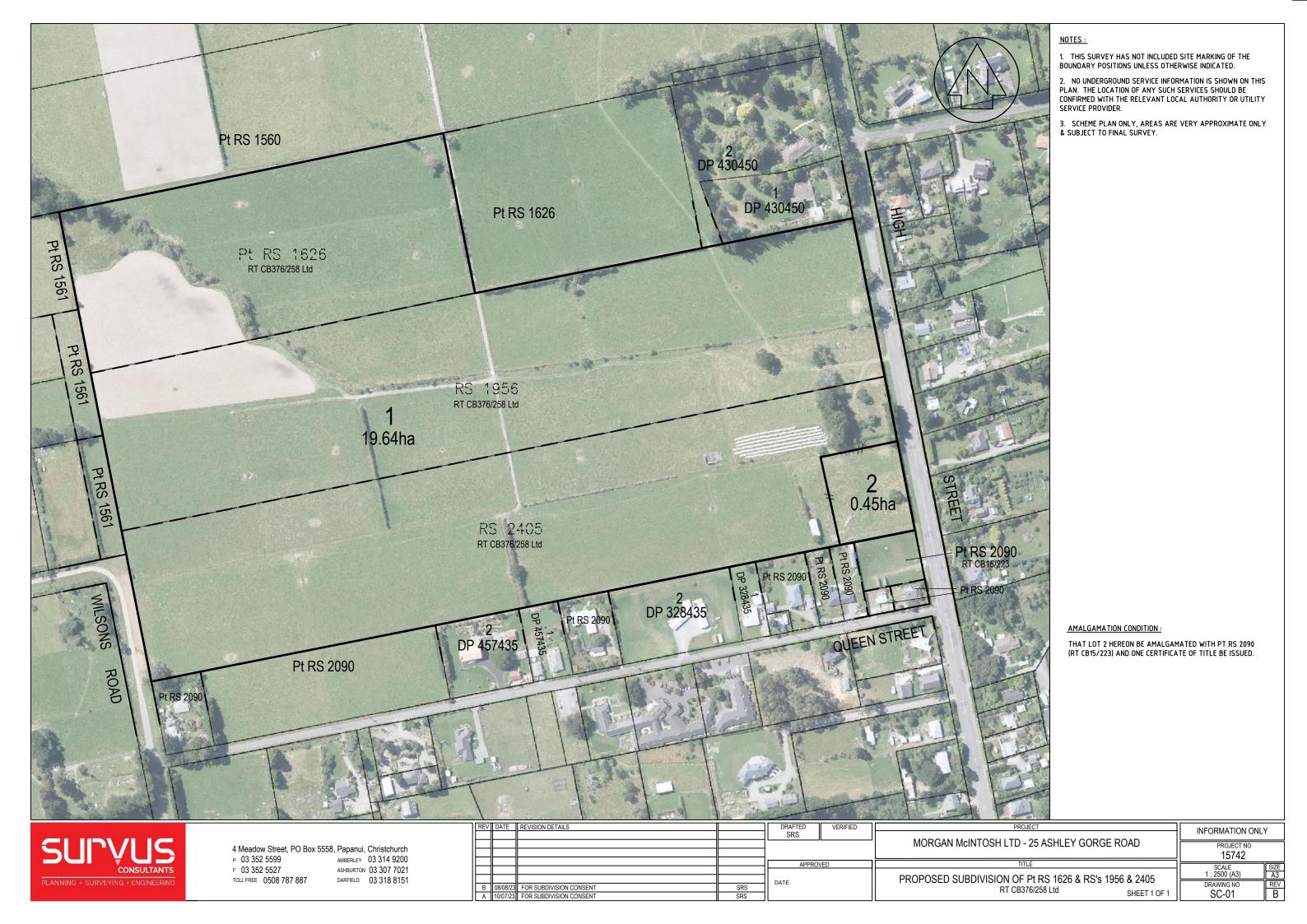
### 11 Limitations

Momentum Environmental Limited has performed services for this project in accordance with current professional standards for environmental site assessments, and in terms of the client's financial and technical brief for the work. Any reliance on this report by other parties shall be at such party's own risk. It does not purport to completely describe all the site characteristics and properties. Where data is supplied by the client or any third party, it has been assumed that the information is correct, unless otherwise stated. Momentum Environmental Limited accepts no responsibility for errors or omissions in the information provided. Should further information become available regarding the conditions at the site, Momentum Environmental Limited reserves the right to review the report in the context of the additional information.

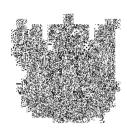
Opinions and judgments expressed in this report are based on an understanding and interpretation of regulatory standards at the time of writing and should not be construed as legal opinions. As regulatory standards are constantly changing, conclusions and recommendations considered to be acceptable at the time of writing, may in the future become subject to different regulatory standards which cause them to become unacceptable. This may require further assessment and/or remediation of the site to be suitable for the existing or proposed land use activities. There is no investigation that is thorough enough to preclude the presence of materials at the site that presently or in the future may be considered hazardous.

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Appendix A – Subdivision Plan	



Appendix B – Historical Certificates of Title				



## RECORD OF TITLE UNDER LAND TRANSFER ACT 2017 FREEHOLD

## **Historical Search Copy**



of Land

Constituted as a Record of Title pursuant to Sections 7 and 12 of the Land Transfer Act 2017 - 12 November 2018

Identifier CB17A/179

Land Registration District Canterbury

Date Issued 17 November 1976

**Prior References** CB103/110

**Estate** Fee Simple

**Area** 24.1597 hectares more or less

Legal Description Rural Section 1391 and Part Rural Section

1560

### **Original Registered Owners**

Norman Paget Rowe as to a 1/2 share Jennifer Anne Rowe as to a 1/2 share

#### **Interests**

910558.3 Mortgage to Rural Banking and Finance Corporation of New Zealand Limited - produced 4.12.1990 at 11.15 am and entered 18.12.1990 at 11.21 am

10941410.1 Discharge of Mortgage 910558.3 - 23.11.2017 at 4:00 pm

12541889.1 Transfer to Morgan McIntosh Limited - 31.10.2022 at 3:47 pm

12760421.1 Mortgage to AMFL Limited and Westside Holdings (2018) Limited - 16.6.2023 at 11:11 am

References 103/110 Prior C/T

Transfer No. N/C. Order No. 106035/1



nd and Deeds 69

REGISTER

#### CERTIFICATE OF TITLE UNDER LAND TRANSFER ACT

This Certificate dated the 17th day of November one thousand nine hundred and seventy-six under the seal of the District Land Registrar of the Land Registration District of CANTERBURY

WITNESSETH that NORMAN PAGET ROWE of Oxford, Fermer

is seised of an estate in fee-simple (subject to such reservations, restrictions, encumbrances, liens, and interests as are notified by memorial underwritten or endorsed hereon) in the land hereinafter described, delineated with bold black lines on the plan hereon, be the several admeasurements a little more or less, that is to say: All that parcel of land containing 24.1597 hectered

or thereabouts situated in Block VIII of the Oxford Survey Distr<del>ict being Rural</del>

1391 and part Rural Section 1560 -

ANTERBURY N.Z.

Assistant Land Registrar

Mortgage 891254 to Ha the Queen under 7.12.1972 the Marginal Lands, at 9.15 am.

Mortgage 891255 to Her under the Marginal Lagds 7.12.1972 at 9.15 am

A.L.R. Malesty the Queen Mortgage 104613/1 t AGV 9950 · under the Marginal Rands 4.11.1976 at 2.11 pm.

Mortgage 228936/2 to Har Majesty The Mortgage 228936/2 to am. Queen - 1.6.1979 at 954 am. under the Marginal Rando 151 1950

When for A.L.R.

Mortgage 253653/1 to Her Mejesty the Queen under the Marginal Lates Act 1950 - 27-11-

No. 426678/1 Certificate pursuant to Section 4 Rural Banking and Finance Act 1982 vesting the land <u>in Mortgage 891254</u> 891255, 228936/2 and 253653/1...insthe Rural Banking Corporation - 24-3-1983 at 11.15a.m. and Finance

and Finance Co. 2.11.1983 at 9.33 a.m.

Transfer 525412/1 of a one-half

share to Jennifer Anne Rowe of Oxford, Married Woman - 18.1.1985 at 10.51am

for A.L.R. Mortgage 647911/3 Wominee Company ₩9.30a.m. Limited -(A3G744)

Transfer 685350/1 of Mortgage 647911/3 to George Thomas Carlton Kain, to George Charles Kain, to George Michael Kain and to Peter Bryan Allison in shares - 9.6.1987 at 9.30am

for A.L.R.

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Register copy for L. & D. 69, 71, 72

HIGH 1391 Total Area- 24:1597ha. Measurements are Metric

Transaction ID 1549879

17A/179

Transfer 694383/1 of their shares in Mortgage 647911/3 George Thomas Kain and George Charles Kain to Westpac Banking Corporation - 29.7.1987 at 9.06am

D and I

for A.L.R.

Transfer 774439/2 of Mortgage 647911/3 to George Thomas Cakiton Kain and George Charles Kain - 1941.1988 at 9.46am

Transfer 774439/2 of the share of Westpac Banking Corporation in Mortgage 647911/3 to George Thomas Carlton Kain and George Charles Kain - 15.11.1988 at 9.46am

FOR A.L.F

Mortgage 910558/3 to Rural Banking and Finance Corporation of New Zealand Limited - produced 4.12.1990 at 11.15am and entered 18.12.1990 at 11.21am

for A.L.R.

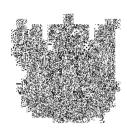
Chan

Transfer 979224/1 of his share George Thomas Carlton Kain in Mortgage 647911/3 to George Charles Kain, George Thomas Carlton Kain and Edward Oral Sullivan - produced 21.2.1992 and entered 18.3:1992 at 11.16am

Transfer 983533/1 of their share in
Mortgage 647911/3 George Thomas Carlton
Kain and George Charles Kain to the said
George Thomas Carlton Kain and George
Charles Kain as tenants in common in equal
shares - 18.3.1992 at 11.16am

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# RECORD OF TITLE UNDER LAND TRANSFER ACT 2017 FREEHOLD

## **Historical Search Copy**



Constituted as a Record of Title pursuant to Sections 7 and 12 of the Land Transfer Act 2017 - 12 November 2018

Identifier CB19B/73

Land Registration District Canterbury

Date Issued 14 February 1979

**Prior References** 

CB198/85

**Estate** Fee Simple

**Area** 8093 square metres more or less

**Legal Description** Part Rural Section 1561

**Original Registered Owners** 

Norman Paget Rowe as to a 1/2 share Jennifer Anne Rowe as to a 1/2 share

#### **Interests**

910558.3 Mortgage to The Rural Banking and Finance Corporation of New Zealand - Produced 4.12.1990 at 11.15 am and entered 18.12.1990 at 11.21 am

10941410.1 Discharge of Mortgage 910558.3 - 23.11.2017 at 4:00 pm

12541889.1 Transfer to Morgan McIntosh Limited - 31.10.2022 at 3:47 pm

12760421.1 Mortgage to AMFL Limited and Westside Holdings (2018) Limited - 16.6.2023 at 11:11 am

References Prior C/T 198/55

N/C. Order No. 213695/1



Land and Deeds 69

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REGISTER

## CERTIFICATE OF TITLE UNDER LAND TRANSFER ACT

This Certificate duted the 14th day of February one thousand nine hundred and seventy-raine under the seal of the District Land Registrar of the Land Registration District of CANTERBURY -

WITNESSETH that NORMAN PAGET ROWE of Oxford, Farmer -

is seised of an estate in fee-simple (subject to such reservations, restrictions, encumbrances, liens, and interests as are notified by memorial underwritten or endorsed hereon) in the land hereinafter described, delineated with bold black lines on the plan hereon, be the several admeasurements a little more or less, that is to say: All that parcel of land containing 8093 square

metres or thereabouts situated in Block VIII of the Oxford Survey District being part of

Rural Section 1561 -



Mortgage 253653/1 to Her May 35 he Queen under The Marginal Lands 27-11-1979 at 9.07a.m.

for A.L.R.

Mortgage 460269/5 e Rural Banking and Finance Company 9.33 a.m. 2.11.1983 at

for A.L.R.

No. 426678/1 Certificate pursuant to Section the land in Mortgage 253653/1 in the Rural Banking Corporation - 24-3-1983 at 11.15a.m. and Finance

wwwanman for A.L.R.

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160.93

160.93

8093 m²

Transfer 525412/1 of a one-half share to Jennifer Anne Rowe of Oxford, Married Woman - 18.1.1985 at 10.51am

Mortgage 647911/3 Baymond
Sullivan Soliciters Mominee Company
Limited - 21 1986 and 10.30a.m.
A36744) ( A36744)

Transfer 685350/1 of Mortgage 647911/3 to George Thomas Carlton Kain, to George Charles Kain, to George Michael Kain and to PeternBryan Allison in shares - 9.6.1987 at 9.309am

for A.L.R.

Transfer 694383/1 of their shares in Mortgage 647911/3 George Thomas Kain and George Charles Kain to Westpac Banking Corporation - 29.7.1987 at 9.06am

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Register copy for LAs L 69 Po 1, 72

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Measurements are Metric

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Transaction ID 1549932 Client Reference 793 - 25 Ashley Gorge Road 19B/73.

Transfer 774439/2 of Mortgage 647911/3 to George Thomas Carlton Kain and George Charles Kain - 15-11.1988 at 9.46am

Transfer 774420/2 of the chare of Westner

Transfer 774439/2 of the share of Westpac Banking Corporation in Mortgage 647911/3 to George Thomas Carlton Kain and George Charles Kain - 15.11.1988 at 9.46am

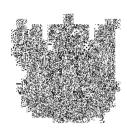
Mortgage 910558/3 to Rural Banking and Finance Corporation of New Zealand Limited - produced 4.12.1990 at 11.15am and entered 18.12.1990 at 11.21am

-X.

Transfer 979224/1 of his share George Thomas Carlton Kain in Mortgage 647911/3 to George Charles Kain, George Thomas Carlton Kain and Edward Oral Sullivan - produced 21.2.1992 and entered 18.3.1992 at 11.16am

\*\*Transfer 983533/1 of their share in Mortgage 647911/3 George Thomas Carlton Kain and George Charles Kain to the said George Thomas Carlton Kain and George Charles Kain as tenants in common in equal shares - 18.3.1992 at 11.16am

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# RECORD OF TITLE UNDER LAND TRANSFER ACT 2017 FREEHOLD

## **Historical Search Copy**



Constituted as a Record of Title pursuant to Sections 7 and 12 of the Land Transfer Act 2017 - 12 November 2018

Identifier CB19B/74

Land Registration District Canterbury

Date Issued 14 February 1979

**Prior References** CB112/213

**Estate** Fee Simple

**Area** 8093 square metres more or less

**Legal Description** Part Rural Section 1561

**Original Registered Owners** 

Norman Paget Rowe as to a 1/2 share Jennifer Anne Rowe as to a 1/2 share

#### **Interests**

910558.3 Mortgage to Rural Banking and Finance Corporation of New Zealand Limited - produced 4.12.1990 at 11.15 am and entered 18.12.1990 at 11.21 am

10941410.1 Discharge of Mortgage 910558.3 - 23.11.2017 at 4:00 pm

12541889.1 Transfer to Morgan McIntosh Limited - 31.10.2022 at 3:47 pm

12760421.1 Mortgage to AMFL Limited and Westside Holdings (2018) Limited - 16.6.2023 at 11:11 am

References Prior C/T 112/213

Transfer No.

N/C. Order No.213655/1



Land and Deeds 69

REGISTER

### CERTIFICATE OF TITLE UNDER LAND TRANSFER ACT

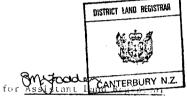
This Certificate dated the 14th day of February one thousand nine hundred and seventy nine under the seal of the District Land Registrar of the Land Registration District of CANTERBURY -

WITNESSETH that RORMAN PAGET ROWE of Oxford, Farmer -

is seised of an estate in fee-simple (subject to such reservations, restrictions, encumbrances, lieus, and interests as are notified by memorial underwritten or endorsed hereon) in the land hereinafter described, delineated with bold black lines on the plan hereon. be the several admeasurements a little more or less, that is to say: All that parcel of land containing 8093 square

metres or thereabouts situated in Flock VIII of the Oxford Survey District being part Rural

Section 156% --



Mortgage 253653/1 to HeroMajesty the Queen under the Marginal Lands Activities - 11-1979 at 9.07a.m.

No. 426678/1 Certificate pursuant to Section 4 Rural Banking and Finance Act 1982 vesting the land in Mortgage 253653/1 in The Rural Banking/Corporation - 24-3-1983 at 11.15a.m. and Finance

WWanman

for A.L.R.

Mortgage 460269/ Rural Banking and Finance Co. 9.33 a.m. for A.L.R. Transfer 525412/1 of a one-half share to Jennifer Anne Rowe of Oxford, Married Woman - 18.1.1985 at 10.51am

Mortgage 647911/3 Raymond Sullivan Solicipars Company Limited -(Agg/√10.30a.m.

for Transfer 685350/1 of Mortgage 647911/3 to George Thomas Carlton Kain, to George Charles Kain, to George Michael Kain and to Feter Bryan Allison in shares - 9.6.1987 at

( A36744)

2.11.1983 at

for A.L.R.

Transfer 694383/1 of their shares in Mortgage 647911/3 George Thomas Kain and George Charles Kain to Westpac Banking Corporation - 29.7.1987 at 9.06am

OVER

Register copy for L. & D. 69, 71, 72

þ 160.93 8093 m² ROAD 1561 Measurements are Metric

Transaction ID 1549926 Client Reference 793 - 25 Ashley Gorge Road

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19B/74

Transfer 774439/2 of Mortgage 647911/3 to George Thomas Carlton Kain and George Charles Kain 15,11.91988 at 9246am

Transfer 774439/2 of the share of Westpac Banking Corporation in Mortgage 647911/3 to George Thomas Carlton Kain and George Charles Kain - 15.11.1988 at 9.46am

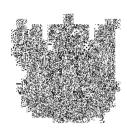
For A.L.R.

Mortgage 910558/3 to Rural Banking and Finance Corporation of New Zealand Limited - produced 4.12.1990 at 11.15am and entered 18.12.1990 at 11.21am

for A.L.R.

Transfer 979224/1 of his share George
Thomas Carlton Kain in Mortgage 647911/3 to
George Charles Kain, George Thomas Carlton
Kain and Edward Oral Sullivan - produced
21.2.1992 and entered 18.3.1992 at 11.16am

Transfer 983533/1 of their share in Mortgage 647911/3 George Thomas Carlton Kain and George Charles Kain to the said George Thomas Carlton Kain and George Charles Kain as tenants in common in equal shares - 18.3.1992 at 11.16am



## RECORD OF TITLE UNDER LAND TRANSFER ACT 2017 FREEHOLD

## **Historical Search Copy**



R.W. Muir Registrar-General of Land

Constituted as a Record of Title pursuant to Sections 7 and 12 of the Land Transfer Act 2017 - 12 November 2018

Identifier CB20A/174

**Land Registration District** Canterbury **Date Issued** 06 June 1979

**Prior References** 

CB214/181

**Estate** Fee Simple

Area 2.4584 hectares more or less
Legal Description Part Rural Section 1626

**Original Registered Owners** 

Norman Paget Rowe as to a 1/2 share Jennifer Anne Rowe as to a 1/2 share

#### **Interests**

Subject to a right of way over part herein contained in Conveyance 3662

Appurtenant hereto is a right of way over other part Rural Section 1626

 $12541889.1\ Transfer\ to\ Morgan\ McIntosh\ Limited$  - 31.10.2022 at  $3:47\ pm$ 

12760421.1 Mortgage to AMFL Limited and Westside Holdings (2018) Limited - 16.6.2023 at 11:11 am

References Prior C/T 214/181

Transfer No. N/C. Order No. 229178/1



Land and Deeds 69

### CERTIFICATE OF TITLE UNDER LAND TRANSFER ACT

one thousand nine hundred and seventy-nine This Certificate dated the 6th day of June under the seal of the District Land Registrar of the Land Registration District of CANTERBURY

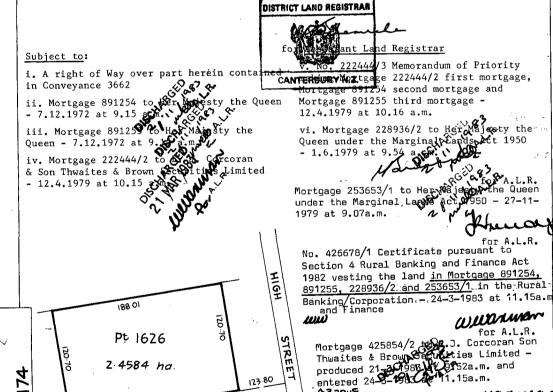
WITNESSETH that NORMAN PAGET ROWE of Oxford, Farmer

188 01

Measurements are Metric

is seised of an estate in fee-simple (subject to such reservations, restrictions, encumbrances, liens, and interests as are notified by memorial underwritten or endorsed hereon) in the land hereinafter described, delineated with bold black lines on the plan hereon, be the several admeasurements a little more or less, that is to say: All that parcel of land containing 2.4584 hectares

or thereabouts situated in Block VIII of the Oxford Survey District being part Rural Section 1626 together with a Right of Way over other part Rural Section 1626

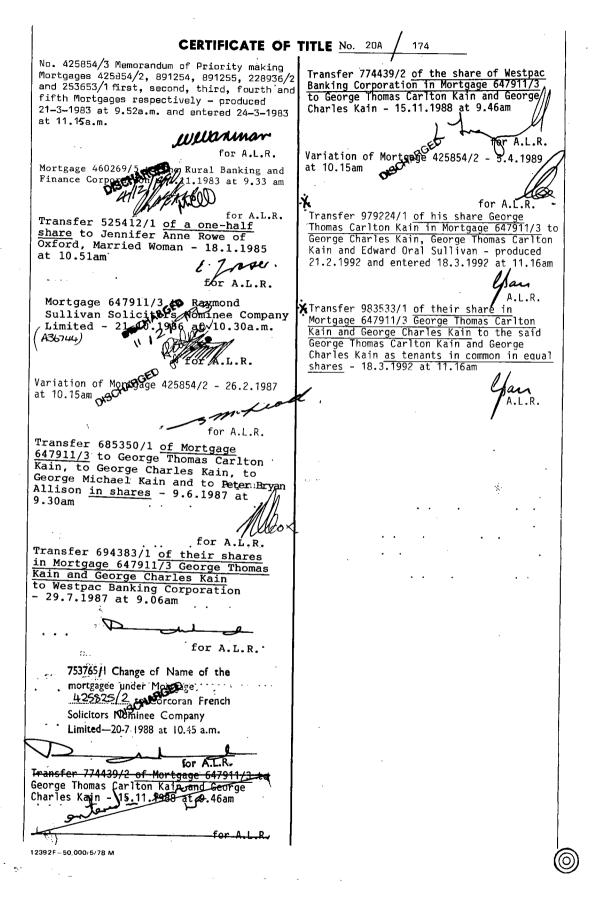


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Transaction ID 1549920 Client Reference 793 - 25 Ashley Gorge Road wwanina

for A.L.R.



Dally of Oxford Farmer

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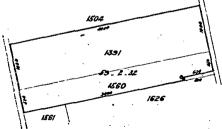
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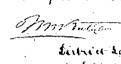
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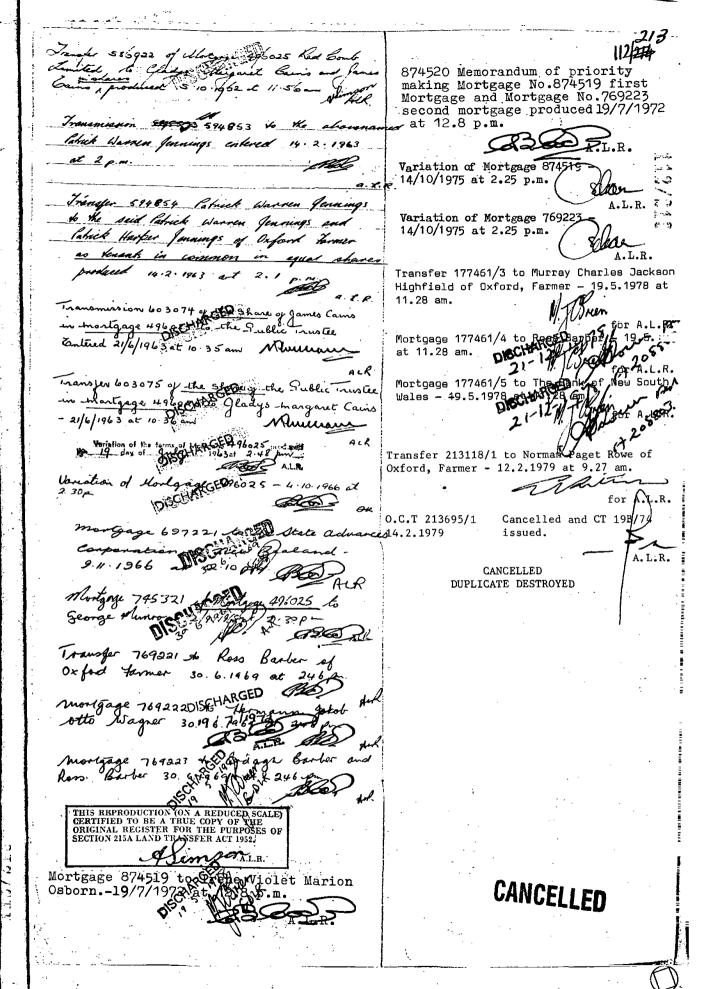
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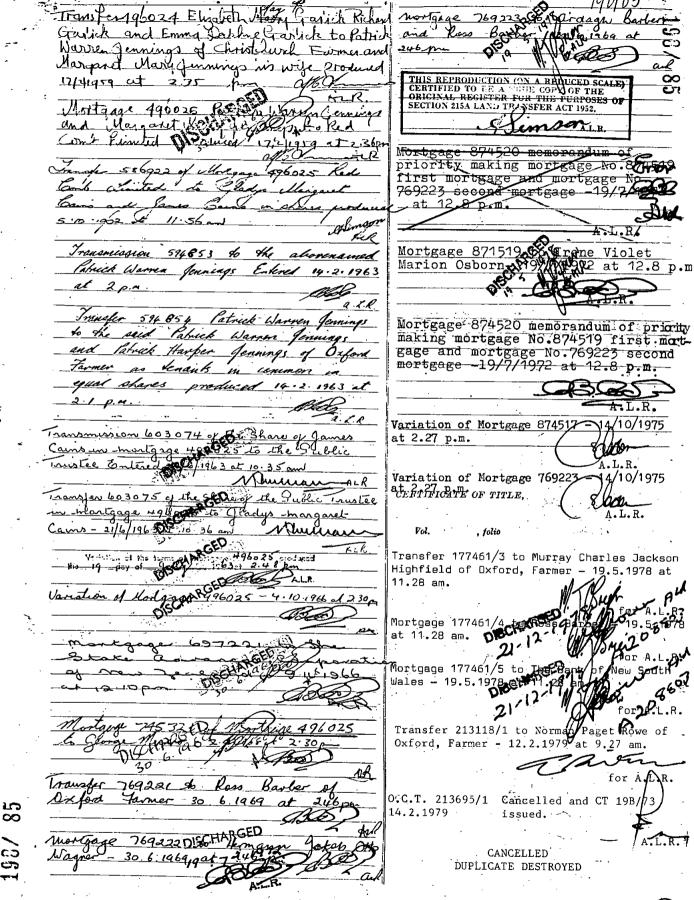
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Vol. \ Q &, folio &

Reference: Vol. , folio
Transfer No. Upprication 9154

#### CERTIFICATE, OF TITLE UNDER LAND TRANSFER ACT.

This Certificate, dated the level day of James	one thousand nine hundred and, under
, the hand and seal of the District Land Registrar of the Land Registration Distr	
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Timmerman his wife are	
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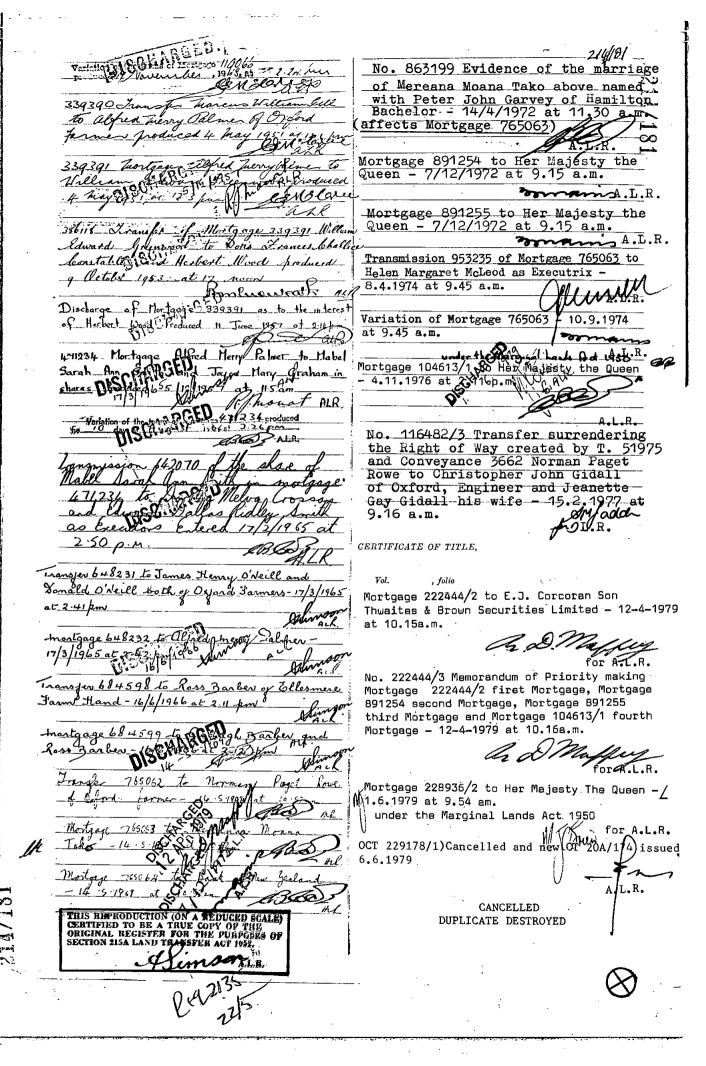
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Transfer No. 62959

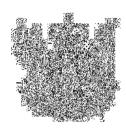
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## CERTIFICATE OF TITLE UNDER LAND TRANSFER ACT.

bis Certificate, dated the eleventh day of	apiil	, one thousand nine hun	dred and low	, nnder
hand and seal of the District Land Registrar of the Land Regis	tration District of	Contailing	and Januar	litnesseth that
seised of an estate in fee-simple (subject to such reservations, restrictions) indorsed hereon; subject also to any existing right of the Crown Now Zealand) in the land hereinafter described, as the same is delinititle more or less, that is to say: All that parcel of land contain the land in Black VIII of the Crofor and the land that the land contains the land that the land contains the land that the land contains the land that land the land the land that land the land the land the land that land the land that land the land that land the land that land the land the land the land that land the land the land that land the land that land the land the land that land the land the land the land that land the land the land the land the land that land the la	ctions, encumbrance to take and lay off rented by the plan he sing war are a constant of the c	s, liens, and interests as are roads under the provisions of coon, bordered great to and twelve the head of a short of may use the 3662 and to as a shown an area of the following the f	e notified by memorial of any Act of the Gene , be the several adi free these on the act of Kura word in and together mit the Islam he Registrar Beckertine Le	underwritten oral Assembly measurements Lacabout Lacabout Lacabout Lacabout Lacabout Lacabout Lacabout Lacabout Lucabout
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# RECORD OF TITLE UNDER LAND TRANSFER ACT 2017 FREEHOLD

#### Limited as to Parcels





Constituted as a Record of Title pursuant to Sections 7 and 12 of the Land Transfer Act 2017 - 12 November 2018

Identifier CB376/258

Land Registration District Canterbury

Date Issued 26 April 1926

Prior References

DI 5C/S958 DI 8C/S106 DI 8C/S107

DI 8C/S108 DI C1956

**Estate** Fee Simple

**Area** 20.0294 hectares more or less

**Legal Description** Rural Section 1956, Rural Section 2405

and Part Rural Section 1626

**Original Registered Owners** 

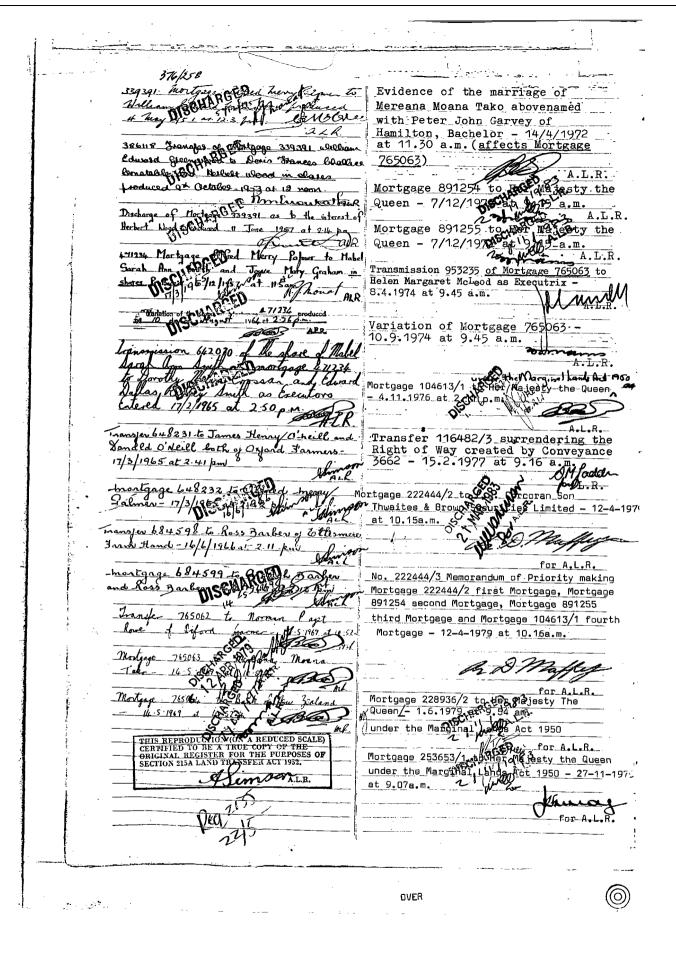
Norman Paget Rowe as to a 1/2 share Jennifer Anne Rowe as to a 1/2 share

#### **Interests**

12541889.1 Transfer to Morgan McIntosh Limited - 31.10.2022 at 3:47 pm

12760421.1 Mortgage to AMFL Limited and Westside Holdings (2018) Limited - 16.6.2023 at 11:11 am

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Reference	Act, 1924. C.1956, 5% 958	200		Register-book,	<b>~</b> ,
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under	the hand and seal of the District Land Regis	strar of the Land Reg	istration District of	Canterbury	
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376/258

Section 4 Rural Banking and Finance Act 0 1982 vesting the land in Portgage 891254 891255, 228936/2 and 53653/1 in the Rural Banking Corporation - 24-3-1983 at

No. 426678/1 Certificate pursuant to Section 4 Rural Banking and Finance Act 1982 vesting the land in Mortgages 891254 891255, 228936/2 and 253653/1 in The Rural Banking and Finance Corporation - 24-3-1983 Muaman at 11.15a.m.

for A.l Mortgage 425854/2 F.J. Corcoran Son Thwaites & Brown Sparrities Limited - produced 21 953 at 9.52a.m. and entered 24-3-1983 at 11.55 m. www.man

for A.L.R. No. 425854/3 Memorandum of Priority making Mortgages 425854/2, 891254, 891255, 228936/2 and 253653/1 first, second, third, fourth and

fifth Mortgages respectively - produced 21-3-1983 at 9.52a.m. and entered 24-3-1983 wwwan at 11.15a.m.

for A.L.R.

Mortgage 460269/5 Rural Banking and Finance Corpor 11,1983 at 9.33 a.m. 9 105541 0 Melo for A.L.R.

Transfer 525412/1 of a one-half share to Jennifer Anne Rowe of Oxford, Married Woman - 18.1.1985 at 10.51am

for A.L.R.

Mortgage 647911/3 Raymond
Sullivan Solicitors Raymond
Limited - 21010.1986 and 10.30a.m.

Variation of Montgage 425854/2 - 26.2.1987 at 10.15am

for A.L.R.

Transfer 685350/l of Mortgage 647911/3 to George Thomas Carlton Kain, to George Charles Kain, to George Michael Kain and to Peter Bryan Allison in shares - 9.6.1987 at 9.30am

for A.L

Transfer 694383/1 of their shares in Mortgage 647911/3 George Thomas Kain and George Charles Kain to Westpac Banking Corporation - 29.7.1987 at 9.06am

for A.L.R.

753765/1 Change of Name of the mortgagee under Minigage
425825/2 Corcor\_n French
Solicitors Nominee Company Limited-20-7-1988 at 10.45 a.m.

for A.L.R.

Transfer 774439/2 of Mortgage 647911/3 to George Thomas Carlton Kain and George Charles Kain - 15 11-4988 at 9.46am

for A L R Transfer 774439/2 of the share of Westpac Banking Corporation in Mortgage 647911/3 to George Thomas Carlton Kain and George Charles Kain - 15.11.1988 at 9.46am

for A.L.R.

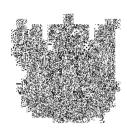
Variation of Moragage 425854/2 - 5.4.1989 at 10.15am

for A.L.R

Transfer 979224/1 of his share George Thomas Carlton Kain in Mortgage 647911/3 to George Charles Kain, George Thomas Carlton Kain and Edward Oral Sullivan - produced 21.2.1992 and entered 18.3.1992 at 11.16am

Transfer 983533/1 of their share in Mortgage 647911/3 George Thomas Carlton Kain and George Charles Kain to the said George Thomas Carlton Kain and George Charles Kain as tenants in common in equal shares - 18.3.1992 at 11.16am

Transaction ID 1549912 Client Reference 793 - 25 Ashley Gorge Road



# RECORD OF TITLE UNDER LAND TRANSFER ACT 2017 FREEHOLD

#### Limited as to Parcels





Constituted as a Record of Title pursuant to Sections 7 and 12 of the Land Transfer Act 2017 - 12 November 2018

Identifier CB376/298

Land Registration District Canterbury

**Date Issued** 03 May 1926

**Prior References**DI 5C/S 1086

**Estate** Fee Simple

Area 1.4164 hectares more or less
Legal Description Part Rural Section 1561

**Original Registered Owners** 

Norman Paget Rowe as to a 1/2 share Jennifer Anne Rowe as to a 1/2 share

#### **Interests**

12541889.1 Transfer to Morgan McIntosh Limited - 31.10.2022 at 3:47 pm

12760421.1 Mortgage to AMFL Limited and Westside Holdings (2018) Limited - 16.6.2023 at 11:11 am

NEW ZEALAND. Registration Act, 1924. Deeds Index. 5 % 1086 Application No.C.1859 CERTIFICATE OF TITLE UNDER LAND TRANSFER ACT. LIMITED AS TO PARCELS AND PITLE. This Certificate, dated the\_ one thousand nine hundred and Twenty-six Third under the hand and seal of the District Land Registrar of the Land Registration District of FATER GARLICK of East Oxford Farmer is seised of an estate in Ice-simple (subject to such reservations, restrictions, encumbrances, liens, and interesta as are notified by memorial under written or endorsed hereon, subject also to any existing right of the Crown to take and lay off roads under the provisions of any Act of the General Assembly of New Zealand) in the land hereinafter described, as the same is delineated by the plan hereon bordered \_\_green\_\_, be the several admeasurements a little more or less, that is to say: All that parcel of land containing THRES ACHES THE RECORDS or the reabouts situated in Block VIII of the Cxford Survey District being jact of Aural Section 1561 and being more particularly described in Conveyance Registered No. 105047 (167/30) Image Quality due to Condition of Original METRIC AREA: - 1.4163 V

Appendix C – LLUR Statement

# **Property Statement from the Listed Land Use Register**



Visit ecan.govt.nz/HAIL for more information or contact Customer Services at ecan.govt.nz/contact/ and quote ENQ352538

**Date generated:** 23 August 2023

Land parcels: RS 1956

Part RS 1561
Part RS 1560
Part RS 1561
RS 2405
Part RS 1561
Part RS 1561
Part RS 1626
Part RS 1561
Part RS 1561
Part RS 1560
RS 1391

Part RS 1626

Area of Enquiry

Sites intersecting area of enquiry

Investigations intersecting area of enquiry

Nearby sites of interest

Nearby investigations of interest

Victoria 51

Queen 51

The information presented in this map is specific to the area within a 100m radius of property you have selected. Information on properties outside the serach radius may not be shown on this map, even if the property is visible.

### Sites at a glance



Site number Name Location HAIL activity(s) Category

Please note that the above table represents a summary of sites and HAILs intersecting the area of enquiry only.



Site number	Name	Location	HAIL activity(s)	Category
137993	137993	649 Bay Road, Oxford	G4 - Scrap yards;	Not Investigated

#### More detail about the sites

Site 137993: 137993 (Within 100m of enquiry area.)

Category: Not Investigated

Definition: Verified HAIL has not been investigated.

Location: 649 Bay Road, Oxford

Legal description(s): RS 1288

HAIL activity(s): Period from Period to HAIL activity

Pre-1975 Current Scrap yards including automotive dismantling, wrecking or scrap metal

yards

Notes:

Investigations:

There are no investigations associated with this site.

Nearby investigations of interest

There are no investigations associated with the area of enquiry.

#### Disclaimer

The enclosed information is derived from Environment Canterbury's Listed Land Use Register and is made available to you under the Local Government Official Information and Meetings Act 1987.

The information contained in this report reflects the current records held by Environment Canterbury regarding the activities undertaken on the site, its possible contamination and based on that information, the categorisation of the site. Environment Canterbury has not verified the accuracy or completeness of this information. It is released only as a copy of Environment Canterbury's records and is not intended to provide a full, complete or totally accurate assessment of the site. It is provided on the basis that Environment Canterbury makes no warranty or representation regarding the reliability, accuracy or completeness of the information provided or the level of contamination (if any) at the relevant site or that the site is suitable or otherwise for any particular purpose. Environment Canterbury accepts no responsibility for any loss, cost, damage or expense any person may incur as a result of the use, reference to or reliance on the information contained in this report.

Any person receiving and using this information is bound by the provisions of the Privacy Act 1993.

Appendix D – Historical Aerial Photographs				



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Information from this map may not be used for the purposes of any legal disputes. The user should independently verify the accuracy of any information before taking any action in reliance upon it.

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Scale: 1:6,000 @A4

Map Created by MEL on 24/08/2023 at 11:48 AM





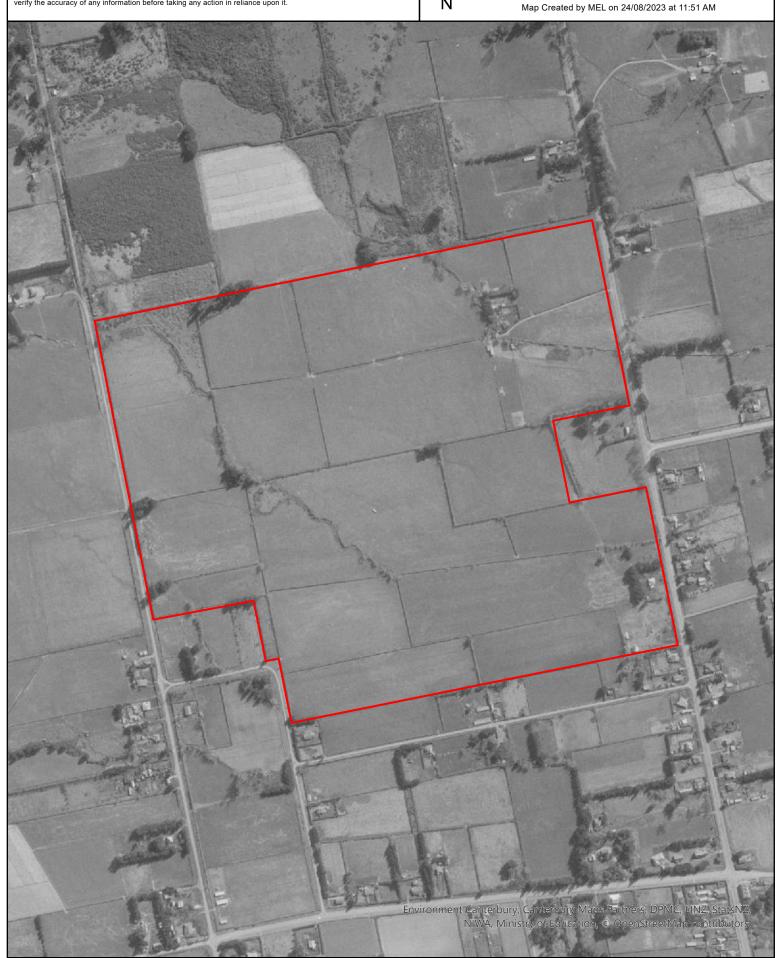
Information has been derived from various organisations, including Environment Canterbury and the Canterbury Maps partners. Boundary information is derived under licence from LINZ Digital Cadastral Database (Crown Copyright Reserved). Environment Canterbury and the Canterbury Maps partners do not give and expressly disclaim any warranty as to the accuracy or completeness of the information or its fitness for any purpose.

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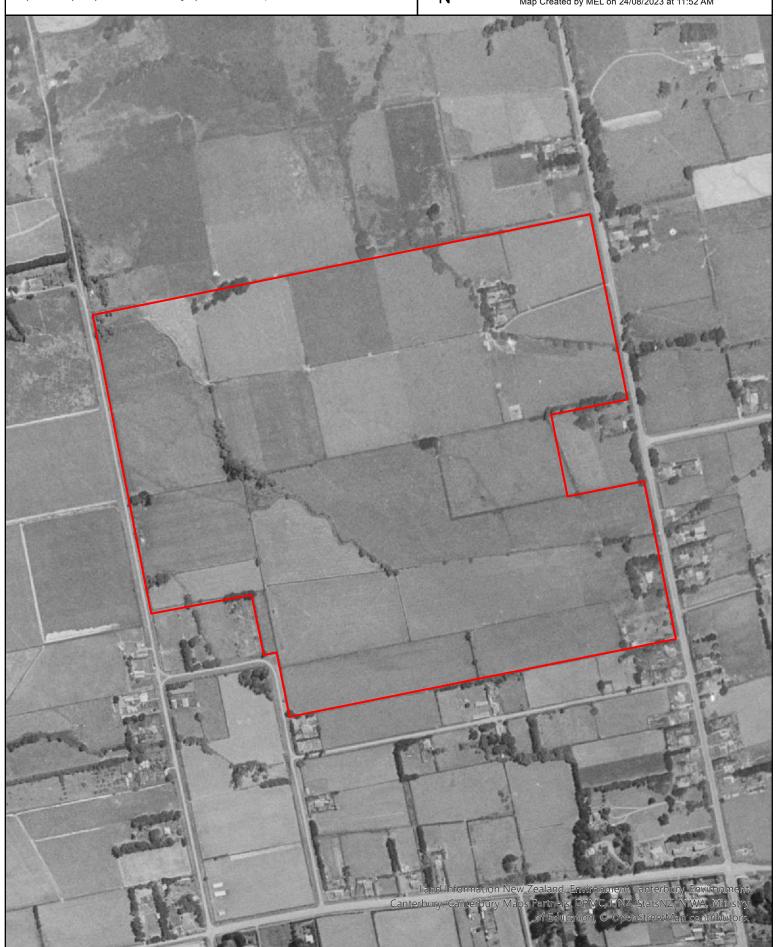
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Map Created by MEL on 24/08/2023 at 11:52 AM





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Scale: 1:6,000 @A4

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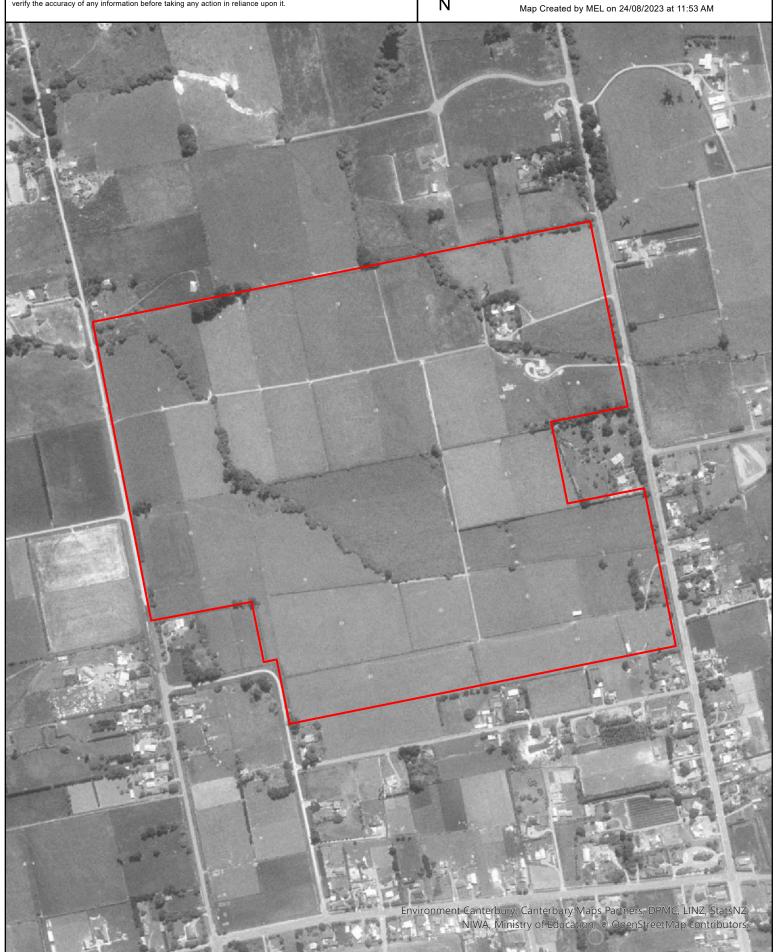
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Scale: 1:6,000 @A4





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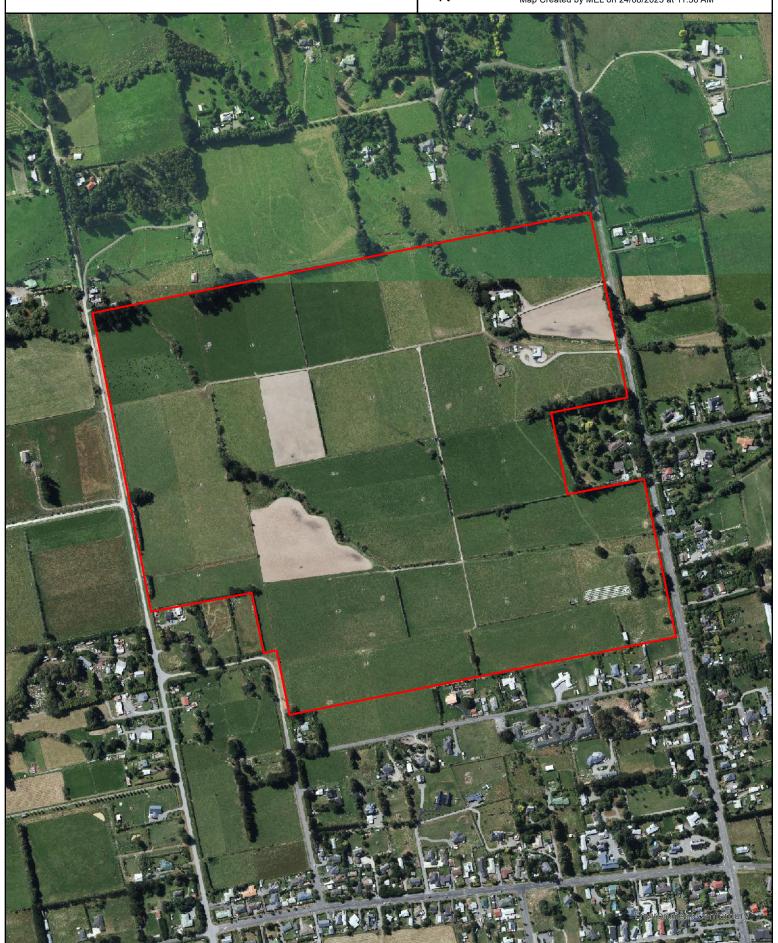
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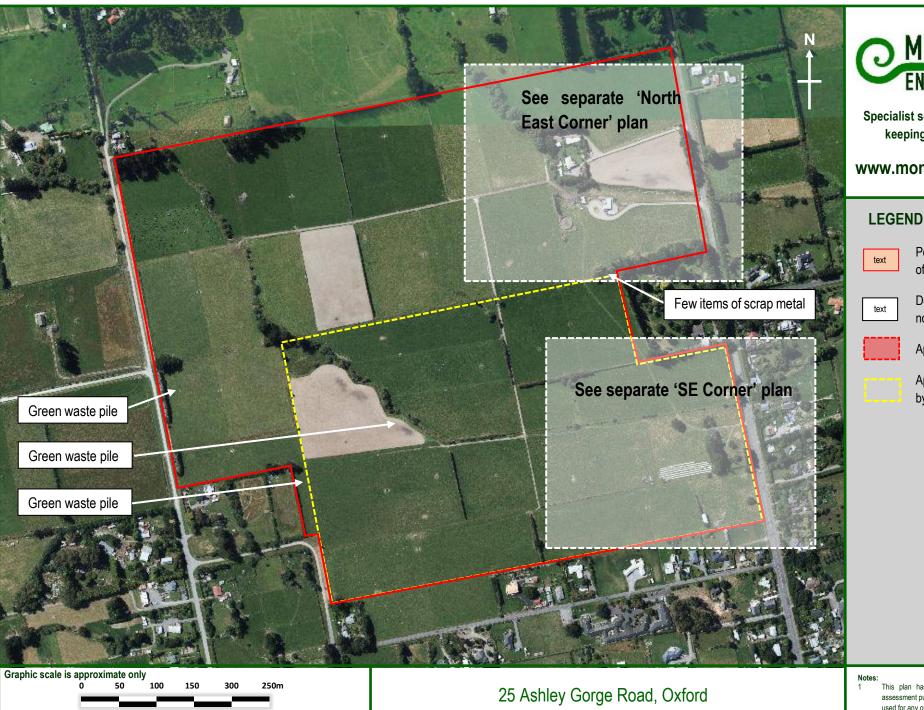
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Appendix E – Site Inspection Plans			



Date: 21 September 2023

Drawing No: 793/1

MOMENTUM ENVIRONMENTAL<sup>171</sup>

Specialist soil contamination experts, keeping your project moving.

www.momentumenviro.co.nz

Potential HAIL activity / source of contamination

Description of structures/areas not considered to pose a risk

Approx. extent of risk area

Approx. extent of area owned by market gardener 1946-1951

- This plan has been prepared for soil contamination risk assessment purposes only. No liability is accepted if the plan is
- Any measurements taken from this plan which are not dimensioned on the electronic copy are at the risk of the user.

Site Inspection and Risk Area Plan

