## Sections 95A-E, 104, 104C, 108 Resource Management Act 1991



Report pursuant to section 42A of the Resource Management Act 1991 recommending whether or not an application for resource consent should be:

- · Publicly notified, limited notified or non-notified
- Granted or declined, and if granted, the conditions of the consent

Decision pursuant section 113 of the Resource Management Act 1991

**Author:** Jane Anderson

**Position:** Consultant Planner

**Resource Consent Number: RC225368** 

APPLICANT:	J Howson
PROPOSAL:	To remediate contaminated soils under the NES-CS
LOCATION:	60 Leeston Dunsandel Road, Leeston
LEGAL DESCRIPTION:	Lot 2 DP 365379 BLKS XIII XIV Leeston SD.
ZONING:	Operative Selwyn District Plan (2016)
20111110.	Operative Gerwyn District Flair (2010)
2011110.	The property is zoned Living 1 under the provisions of the Operative District Plan (Townships) Volume
STATUS:	The property is zoned Living 1 under the provisions of the Operative District Plan

This application was formally received by the Selwyn District Council on 26 May 2022. Assessment and approval took place on 14 June 2022 under a delegation given by the Council.

## Introduction

1. The applicant proposes to undertake earthworks to remediate contaminated soils on a portion of the subject site, as identified in **Figure 1** below.

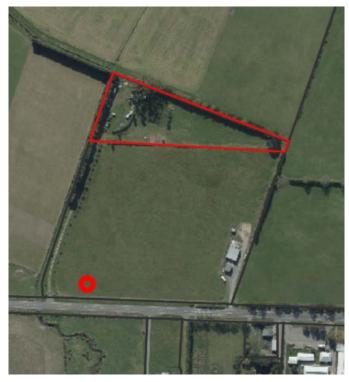


Figure 1: Area of Proposed Remediation

## **Description of the Existing Environment**

- 2. The application site is legally described as Lot 2 DP 365379 BLKS XIII XIV Leeston SD. The site has an area of approximately 5.444 hectares.
- 3. The site is described by the applicant as containing "multiple industrial type sheds along the eastern boundary", referred to as "contractors yard A" in the application. A second area, referred to as "contractors yard B" is located in the north-western corner of the site and is described by the applicant as a "general storage area" that includes vehicles, farm machinery and building materials. The remainder of the site is vacant of structures and in pasture.
- 4. The properties located to the north, east and west are currently rural in character. Ellesmere College is located to the south of the site, and the Leeston Township is located further to the east of the site.

## **Operative Selwyn District Plan (2016)**

- 5. The Operative Selwyn District Plan ('the Operative District Plan') was made operative on 03 May 2016. Under the Operative District Plan the application site is zoned Living 1.
- 6. The application seeks to remove approximately  $300 375m^2$  of soil as part of the remediate works and therefore the land use proposal is a permitted activity under the Operative District Plan.

## **Proposed Selwyn District Plan (Notified 05 October 2020)**

- 7. Under the Proposed Selwyn District Plan ('the Proposed District Plan') the site is zoned Large Lot Residential, General rural and Low Density Residential Zone. The site is also subject to Development Area DEV-LE1.
- 8. No decisions have yet been made on the Proposed Plan.
- 9. There are no rules with immediate legal effect that apply to this proposal.



## **National Environmental Standards**

# National Environmental Standard for Assessing and Managing Contaminants in Soil to Protect Human Health

- 10. The NES manages activities which involve the disturbance of land which may be contaminated. This is determined by whether activities have or are likely to have occurred on the site, which are listed in the Hazardous Activities and Industries List (HAIL).
- 11. Momentum Environmental Ltd (MEL) have provided a Preliminary Site Investigation (PSI), and a Detailed Site Investigation (DSI) for the subject site. The DSI was completed in October 2021 and determined that no contamination exceeding
- 12. . "residential 10% produce" soil guideline values (SGVs) in the contractors yard A area.
- 13. In the contractors yard B area, sampling identified arsenic and chromium contamination exceeding 'residential 10% produce SGVs, with three arsenic results also exceeding the 'commercial/industrial SGV. The MEL report notes that while the contamination may be restricted to areas associated with burn piles, that there was evidence of significant movement of soils across the risk area. Further, the report notes that due to storage occurring on site, some areas within the contractors yard B have not been sampled and assessed under the 2021 DSI.
- 14. The 2021 DSI recommended additional sampling within contractors yard B to delineate the extent of contamination following site clearance and prior to any earthworks commencing.
- 15. The supplementary DSI (April 2022) delineated the two areas of contamination identified by the 2021 DSI and identified a third area of arsenic contamination. In total the area of contaminated soils is estimated to be approximately 1,500m² to a depth of between 200 250mm.
- 16. The supplementary DSI notes that the risk to human health from the identified contaminants is moderate to high, and recommends that the contaminated soils are remediated prior to the development of the site for residential use. The report states that remediation by excavation and disposal to an authorised facility is considered to be the most viable remediation option for this site, and recommends that following remediation, a Site Validation Report be required to be produced and provided to Selwyn District Council and Environment Canterbury.
- 17. The Contaminated Land Officer has peer reviewed the PSI, DSI and supplementary DSI. The results of this peer review are detailed further in paragraphs 38 to 56 below.
- 18. The proposal is therefore a Restricted Discretionary activity in terms of the National Environmental Standard for Assessing and Managing Contaminants in Soil to Protect Human Health.

## **Notification**

19. Sections 95A-E set out the process for determining whether an application should be processed on a notified, limited notified or non-notified basis. The following assessment considers whether public or limited notification is required or precluded.

#### **Public Notification**

- 20. Applications are subject to mandatory public notification where:
  - The applicant has requested public notification
  - Public notification is required under section 95C of the RMA (following a request for further information)
  - The application has been made jointly with an application to exchange reserve land under section 15AA of the Reserves Act
- 21. None of these matters apply to this application.
- 22. Public notification is precluded where the application is for one or more of the following activities:



- A controlled activity; or
- A restricted discretionary, discretionary or non-complying activity that is a boundary activity
- 23. As discussed further in the Assessment of Environmental Effects below, the proposal is not considered to have more than minor effects on the environment.
- 24. There are no special circumstances that would warrant public notification.
- 25. In summary, public notification is not required for this application.

#### **Limited Notification**

- 26. There are no affected protected customary rights groups or affected customary marine title groups in relation to this proposal and the proposal is not on or adjacent to that is subject to a statutory acknowledgement made in accordance with the Ngai Tahu Claims Settlement Act 1998.
- 27. Limited notification is precluded where:
  - The application is for a resource consent of 1 or more activities, and each activity is subject to a rule or national environmental standard that precludes limited notification; or
  - The application is for a controlled activity (but no other activities) that requires a resource consent under a district plan (other than a subdivision of land)
- 28. As discussed further in the Assessment of Environmental Effects below, the proposal is considered to have less than minor adverse effects on any party.
- 29. There are no special circumstances that would warrant the limited notification of any other persons not already deemed to be affected parties.
- 30. In summary, limited notification is not required for this application.

## Matters to be Considered

- 31. Section 104(1) of the Resource Management Act 1991 sets out the matters which must be considered by Selwyn District Council in considering an application for resource consent which include:
  - Any actual and potential effects of allowing the activity (s104(1)(a));
  - Any environmental compensation proposed or agreed by the applicant (s104(ab))
  - Any relevant provisions of (s104(b)):
    - A national environmental standard
    - Other regulations
    - The Canterbury Regional Policy Statement
    - Any plan or proposed plan
  - The permitted baseline (section 104(2))
- 32. All matters listed in s104(1) are subject to Part 2 of the Act which contains its purposes and principles.
- 33. In addition, the following section(s) apply to the consideration of this consent.

## Section 104C – Determination of applications for restricted discretionary activities

34. When considering an application for a restricted discretionary activity, a consent authority may only consider those matters over which discretion is restricted (in either a National Environmental Standard or in the District Plan). The consent authority may grant or refuse the application and if granted, may impose conditions under section 108 in relation to a matter to which discretion has been restricted.



## **Assessment of Environmental Effects**

#### Permitted Baseline

- 35. Section 104(2) of the RMA directs that the decision maker may disregard an adverse effect on the environment of an activity if a rule in the District Plan permits an activity with that effect, a concept known as the permitted baseline. The application of the permitted baseline is discretionary and case law has established that the permitted baseline test relates to the effects of non-fanciful hypothetical activities which could be carried out as of right under the District Plan, as well as any existing lawfully established activity on the site or any activity for which resource consent has been granted.
- 36. There is no relevant permitted baseline in relation to the proposed activity under the Operative District Plan.

#### Effects on Human Health

- 37. The NES manages activities which involve the disturbance of land which may be contaminated. This is determined by whether activities have or are likely to have occurred on the site, which are listed in the Hazardous Activities and Industries List (HAIL).
- 38. Momentum Environmental Ltd (MEL) have provided a Preliminary Site Investigation (PSI), and a Detailed Site Investigation (DSI) for the subject site. The DSI was completed in October 2021 and determined that no contamination exceeding "residential 10% produce" soil guideline values (SGVs) in the contractors yard A area.
- 39. In the contractors yard B area, sampling identified arsenic and chromium contamination exceeding 'residential 10% produce SGVs, with three arsenic results also exceeding the 'commercial/industrial SGV. The MEL report notes that while the contamination may be restricted to areas associated with burn piles, that there was evidence of significant movement of soils across the risk area. Further, the report notes that due to storage occurring on site, some areas within the contractors yard B have not been sampled and assessed under the 2021 DSI.
- 40. The 2021 DSI recommended additional sampling within contractors yard B to delineate the extent of contamination following site clearance and prior to any earthworks commencing.
- 41. The supplementary DSI (April 2022) delineated the two areas of contamination identified by the 2021 DSI and identified a third area of arsenic contamination. In total the area of contaminated soils is estimated to be approximately 1,500m² to a depth of between 200 250mm.
- 42. The Supplementary DSI notes that the risk to human health from the identified contaminants is moderate to high, and recommends that the contaminated soils are remediated prior to the development of the site for residential use. The report states that remediation by excavation and disposal to an authorised facility is considered to be the most viable remediation option for this site, and recommends that following remediation, a Site Validation Report (SVR) be required to be produced and provided to Selwyn District Council and Environment Canterbury.
- 43. The PSI, DSI and Supplementary DSI have been peer reviewed by the Contaminated Land Officer at Environment Canterbury. The Officer considers that the site is generally adequately investigated but notes that there has been minimal testing for asbestos and SVOCs. The Officer also notes that a number of structures within 'contractor's yard A' have not been accessed to determine contents that could cause contamination and adequacy of flooring, and that the above ground storage tanks have not had soil sampling undertaken. However, as the proposed works is limited to the northern portion of the site, managing the contamination in 'contractor's yard A' will need to be considered as part of future assessments.
- 44. As a Restricted Discretionary activity, the matters over which discretion is restricted are provided in Regulation 10(3). I have relied on the assessment of the Contaminated Land Officer where noted below:

  (a) Adequacy of the DSI
- 45. The Contaminated Land Officer has reviewed the DSI and confirmed that adequate investigation of the site has been undertaken.



- (b) Suitability of the land for the proposed activity
- 46. The land is suitable for the proposed works associated with the remediation strategy. Following successful remediation and management, the site will meet the required NES-CS standards for residential 10% produce SGV.
  - (c) Approach to the remediation, including
  - (i) The remediation or management methods to address risk to human health
- 47. As has been noted, there are a number of locations within the subject site that contain contamination levels with a moderate to high risk to human health. The MEL report states that the disturbance and removal of the soils is considered to be a low-risk process for workers provided that the site management measures outlined in the Remediation Action Plan (RAP) are followed.
  - (ii) The timing of the remediation
- 48. Soil disturbance activities shall not be undertaken during high winds or heavy rain.
  - (iii) The standard of the remediation on completion
- 49. Following successful remediation and management, the site will meet the required NES-CS standards for residential 10% produce SGV.
  - (iv) Mitigation measures for the piece of land, including frequency and location of monitoring of specified contaminants
- 50. A Site Validation Report (SVP) shall be produced for the site following the completion of the remediation process, to ensure the site's suitability for a future residential use.
  - (d) Adequacy of the site management plan or the site validation report
- 51. The Contaminated Land Officer has reviewed the Site Management Plan and considers that this is suitable given the contaminant types and concentrations on site.
  - (e) Transport, disposal and tracking of soil and other materials to be taken away in the course of the activity
- 52. Trucks shall park adjacent to excavated areas / stockpiles so that tracking of soils does not occur. The soil will be transported to an approved disposal facility and weighbridge dockets shall be provided to the Selwyn District Council.
  - (f) The requirement for and conditions of a financial bond
- 53. It is considered that this is not necessary for the scale of the proposed remediation.
  - (g) Timing and nature of review of conditions
- 54. It is considered that this is not necessary for the scale of the proposed remediation.
  - (h) Duration of consent
- 55. A consent duration of five years is requested.

## **Summary – Assessment of Environmental Effects**

56. Overall, I consider that the environmental effects of this proposal will be less than minor.

## **Operative District Plan Objectives and Policies**

57. The Operative District Plan objectives and policies that I consider relevant are:

Objective B1.1.1

Adverse effects on people, and their activities, ecosystems and land and soil resources from contaminated soil or unstable land, are minimised.

Policy B1.1.1



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Ensure activities do not contaminate soil.

Policy B1.1.3

Avoid adverse effects on people's health or well-being from exposure to contaminated soil.

58. The objectives and policies of the District Plan relating to contaminated soil seek to protect human health and the environment from the adverse effects of contaminated soil. It is considered that the proposed remediation process will adequately manage effects on people and the ecosystem, subject to conditions of consent.

## **Summary – Operative District Plan Objectives and Policies**

59. Overall, I consider the proposal to be consistent with the relevant objectives and policies of the Operative District Plan.

## **Proposed District Plan Objectives and Policies**

60. The Proposed District Plan objectives and policies that I consider relevant are:

Objective CL-O1

Human health and the environment are not compromised by the use of contaminated land

Policy CL-P1

Require any proposal for subdivision, development or use of contaminated land or potentially contaminated land to apply best practice approach to investigate the risks and either remediate the contaminated land or manage activities on contaminated land to protect people and the environment.

Policy CL-P2

Use and development of remediated contaminated land does not damage or destroy any contaminated works, unless comparable or better containment is provided.

61. The applicant has provided a process for the management and remediation of the identified contaminated areas. All works will be subject to reporting and monitoring. It is considered that subject to the proposed conditions, the proposal will be consistent with the relevant objectives and policies for contaminated land in the proposed District Plan.

## **Summary – Proposed District Plan Objectives and Policies**

62. Overall, I consider the proposal to be consistent with the relevant objectives and policies of the Proposed District Plan.

## **Weighting Between District Plans**

63. Section 104(1)(b) requires decision makers to take account of any relevant plan or proposed plan. Where there is conflict between an operative and proposed plan, a weighting assessment is required to determine which plan should be afforded dominant weight.

## **Summary – Operative District Plan**

64. I conclude that the effects of the proposal are acceptable and the proposal is consistent with the objectives and policies of the Operative District Plan. The application can therefore be granted under the Operative District Plan.

## **Summary – Proposed District Plan**

65. I conclude that the proposal is consistent with the objectives and policies of the Proposed District Plan.

## **Weighting Assessment**

66. In this case, as the conclusions reached in the above assessment lead to the same conclusion under both the Operative District Plan and Proposed District Plan, no weighting assessment is required.



## **Canterbury Regional Policy Statement**

67. This proposal is not considered to be of a nature or scale that challenges the provisions of the Regional Policy Statement.

## Part 2 Resource Management Act 1991

- 68. The purpose of the Resource Management Act 1991 is to promote the sustainable management of natural and physical resources. In summary enabling people and communities to provide for their well-being, while sustaining resources and addressing any adverse effects.
- 69. Based on the assessment in this report, it is my opinion that the proposal is in accordance with the purpose and principles of the Resource Management Act 1991.

## **Summary**

- 70. The application is to remediate contaminated soils under the NES-CS.
- 71. The application is considered to be in accordance with the objectives and policies of the Operative District Plan and the Proposed District Plan. Effects on the environment are considered to be less than minor.
- 72. In summary, it is recommended that the application is in order for approval subject to certain conditions to mitigate potential effects on the environment.

## Recommendations

- A. Resource consent 225368 be processed on a **non-notified** basis in accordance with sections 95A-F of the Resource Management Act 1991; and
- B. Resource consent 225368 be **granted** pursuant to sections 104 and 104C of the Resource Management Act 1991 subject to the following conditions imposed under section 108 of the Act:
  - 1. The development shall proceed in accordance with the information and plans submitted with the application.
  - 2. For clarity, the proposed disturbance and off-site disposal of soils associated with the remediation of contaminated soils shall be restricted to the area identified in **Figure 1** below:





Figure 1: Area of Proposed Remediation

- 3. The area shown in Figure 1 shall be remediated in accordance with the Remediation Action Plan.
- 4. Any soils removed from the site during the course of the remediation process shall be disposed of to a facility authorised to accept the material. The consent holder shall submit evidence (i.e. weighbridge receipts) of the disposal of surplus soils from the site to an authorised facility to the Team leader Compliance, Selwyn District Council within 5 working days following completion of the earthworks.
- 5. Contaminated soil shall be disposed of off-site in accordance with the procedures in the DSI and the following requirements:
  - a) All trucks shall be loaded to minimise spillage of material outside of the works area;
  - b) Trucks shall not track spoil offsite;
  - c) Each truck shall have a tracking document signed out on-site to provide the driver documentation of the appropriate disposal location of the load;
  - d) Trucks shall have their loads covered by tarpaulins during transport of contaminated material to a managed or licensed solid waste landfill;
  - e) All vehicles and equipment shall be inspected and cleaned prior to leaving the site. This shall comprise washing or brushing down to remove all visible soil from vehicles and equipment
- 6. In the event that soils are found to have visible staining, odours and / or other conditions that indicate soil contamination different from that identified by the DSI, then work shall cease until a Suitably Qualified and Experienced Practitioner (SQEP) engaged by therosic consent holder has assessed the matter and advised of the appropriate remediation and/or disposal options for these soils.
- 7. A SQEP shall prepare a Site Validation Report (SVR) on behalf of the consent holder in accordance with the current edition of Contaminated Land Management Guideline No. 1 Reporting on Contaminated Sites in New Zealand, Ministry for the Environment, to report on whether the remediated area is now suitable for the intended land use. The report shall be provided within 3 months following completion of the earthworks to the Team Leader Compliance, Selwyn District Council for validation. The SVR shall include but not be limited to:
  - a) Details of the project works completed



- b) A site plan showing the location and volume of the completed earthworks and drawing of the 'as built' state of the site:
- c) Documentation of any incidents and how they were resolved
- d) The results of sampling undertaken
- e) Records of the disposal of material

Sediment Control and Dust Management

- 8. All earthworks authorised by this consent shall be undertaken in accordance with the current edition of Environment Canterbury's Erosion and Sediment Control Toolbox.
- 9. No works shall be undertaken on site during high winds or heavy rain.
- 10. Any stockpiling of contaminated soils on site shall be for a maximum period of 5 working days.

#### Notes to the Consent Holder

## Lapse Period (Land Use Consents)

a) Pursuant to section 125 of the Resource Management Act 1991, if not given effect to, this resource consent shall lapse five years after the date of this decision unless a longer period is specified by the Council upon application under section 125 of the Act.

## Monitoring

- b) In accordance with section 36 of the Resource Management Act 1991, the Council's specialised monitoring fee has been charged.
- c) If the conditions of this consent require any reports or information to be submitted to the Council, additional monitoring fees for the review and certification of reports or information will be charged on a time and cost basis. This may include consultant fees if the Council does not employ staff with the expertise to review the reports or information.
- d) Where the conditions of this consent require any reports or information to be submitted to the Council, please forward to the Council's Compliance and Monitoring Team, <a href="mailto:compliance@selwyn.govt.nz">compliance@selwyn.govt.nz</a>
- e) Any resource consent that requires additional monitoring due to non-compliance with the conditions of the resource consent will be charged additional monitoring fees on a time and cost basis.

## Vehicle Crossings

f) Any new or upgraded vehicle crossing requires a vehicle crossing application from Council's Assets Department prior to installation. For any questions regarding this process please contact transportation@selwyn.govt.nz. You can use the following link for a vehicle crossing information pack and to apply online: <a href="https://www.selwyn.govt.nz/services/roads-And-transport/application-to-form-a-vehicle-crossing-entranceway">https://www.selwyn.govt.nz/services/roads-And-transport/application-to-form-a-vehicle-crossing-entranceway</a>

## **Building Act**

g) This consent is not an authority to build or to change the use of a building under the Building Act. Building consent will be required before construction begins or the use of the building changes.

## Regional Consents

h) This activity may require resource consent from Environment Canterbury. It is the consent holder's responsibility to ensure that all necessary resource consents are obtained prior to the commencement of the activity.



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## Impact on Council Assets

i) Any damage to fixtures or features within the Council road reserve that is caused as a result of construction or demolition on the site shall be repaired or reinstated and the expense of the consent holder.

## Vehicle Parking During Earthworks

- j) Selwyn District Council is working to keep our footpaths safe and accessible for pedestrians. During earthworks (and at all other times):
  - Please park on the road or fully within your property.
  - It is illegal to park on or obstruct a footpath.
  - Arrange large deliveries when school children are not around
  - Blocking the footpath can cause a school child to have to move out onto the road or cross the road at a location they are not familiar with.
  - Parking on the footpath also damages the utility services like internet fibre underneath

Reported and recommended by	
Ja-	Date: 13 June 2022
Jane Anderson	
Consultant Planner	

## **Decision**

That the above recommendations be adopted under delegated authority.

Date: 14 June 2022

Rosie Flynn, Team Leader Resource Consents



# Soil Contamination Risk Site Validation Report

# 60 Leeston Dunsandel Road, Leeston

September 2022



www.momentumenviro.co.nz

## **QUALITY CONTROL AND CERTIFICATION SHEET**

Client: John Howson

Date of issue: 9 September 2022

## Report written by:

Hollie Griffith, Environmental Scientist, BEMP, CEnvP (6 years contaminated land experience)

Signed:

Email: hollie@momentumenviro.co.nz

Phone: 027 5134 057



Report reviewed and certified as a Suitably Qualified and Experienced Practitioner by:

Nicola Peacock, Principal Environmental Engineer, NZCE, CEnvP

(13 years contaminated land experience within 29 years environmental experience)

Signed:

Email: nicola@momentumenviro.co.nz

MR fearoch

Phone: 021 1320 321



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## 1 Executive Summary

The subject of this report is located at 60 Leeston Dunsandel Road in Leeston, Canterbury, from herein referred to as 'the site'. The site is to be subdivided for residential use, resulting in the change of use of the land and subsequent soil disturbance activities. As such, an assessment under the Resource Management (National Environmental Standard for Assessing and Managing Contaminants in Soil to Protect Health) Regulations 2011 (NESCS) has been undertaken. It is noted also that Momentum Environmental Ltd is obligated to consider the requirements of Section 10(4) of the Health and Safety at Work (Asbestos) Regulations 2016.

A Preliminary Site Investigation (PSI) was undertaken by Malloch Environmental Ltd (now known as Momentum Environmental Ltd, MEL) in July 2017 for the site and several hectares of land to the south of the site as part of a proposed plan change. The PSI confirmed that two parts of the site had been used as a contractor's yard and as such there was considered to be potential risks associated with chemical and fuel storage. The PSI recommended a Detailed Site Investigation (DSI) be undertaken on the north-west corner of the site (contractor's yard B) and the developed area along the eastern boundary (contractor's yard A).

A DSI was completed by MEL in October 2021. The results of the soil sampling showed heavy metal concentrations below the 'residential 10% produce' soil guideline values (SGV) at contractor's yard A. As such, no remediation was deemed necessary for contactor's yard A.

Within contractor's yard B arsenic and chromium concentrations exceeding the 'residential 10% produce' SGVs were identified in two burn areas. Arsenic concentrations also exceeded the 'residential 10% produce' SGV in three sample locations containing blackened and ashy soils adjacent to the burn areas.

The DSI determined there was a moderate to high risk to human health from the identified contamination and recommended that the contaminated soils within contractor's yard B be remediated prior to the development of the site for residential use. Additional sampling was recommended within contractor's yard B to increase the density of sampling and delineate the extent of contamination.

A combined DSI/Remediation Action Plan (RAP) was completed by MEL in May 2022. The soil sampling results assisted with delineating the two areas of contamination identified by the original DSI and identified a third area of arsenic contamination with an isolated result exceeding the 'residential 10% produce' SGV.

Remediation by excavation and disposal to an authorised facility was considered to be the most viable remediation option for the site. The remediation objective was to remove all material containing arsenic and chromium concentrations above the 'residential 10% produce' SGV of 20mg/kg and 460mg/kg respectively are removed.

Remediation commenced in mid-June 2022 with the excavation of soils from the remediation area within the paddock, followed by the two remediation areas within the yard. MEL attended site on 16 June 2022 to undertake XRF testing of the walls and base of the excavated area and of the stockpiled material to assess its suitability for disposal at Burwood Landfill. MEL attended site a second time on 05 July 2022 to undertake XRF testing of soils that were previously inaccessible within the larger yard remediation area due to the presence of the stockpile.

Following successful remediation, a total of 16 validation samples were collected from the three remediation areas. The validation results showed heavy metal concentrations below the 'residential 10%'

produce' SGVs. A total of 134 tonnes of soils were excavated from the site on 20 June and 18 July 2022 and disposed of at Burwood Landfill under manifest number 22/088.

The remediation actions have successfully remediated the identified contaminated areas at the site. Contaminant levels within the remediated areas remain elevated above expected background values. During future earthworks, any material requiring off-site disposal from within the excavated areas will not qualify for disposal as cleanfill material.

## 2 Objectives of the Investigation

This report has been prepared in general accordance with the Ministry for the Environment's (MfE) "Contaminated Land Management Guidelines No 1: Reporting on Contaminated Sites in New Zealand, revised 2021" (CLMG) and the "New Zealand Guidelines for Assessing and Managing Asbestos in Soils" (NZ GAMAS). This report includes all requirements for a Site Validation Report.

The objectives of this investigation are to:

- Describe project information and any physical and environmental features of the site.
- Summarise any relevant resource consent information, specifically consent condition requirements.
- Summarise previous contaminated land investigations, specifically remedial strategy and objectives of the remediation.
- Describe remediation/management works undertaken including testing, sampling and inspections.
- Analyse all results and provide an assessment of the effectiveness of the remediation against the remediation objectives.
- Provide further recommendations such as long-term management controls if necessary.
- Describe and attach any documentary evidence, such as waste disposal documentation.

## 3 Scope of Work Undertaken

The scope of the work undertaken has included:

- Review of previous investigations undertaken at the site.
- Design and implement the Site Validation Investigation based on the remediation strategy and objectives and the remedial works undertaken.
- On site soil validation sampling and laboratory analysis.
- Analysis of results against applicable soil guidelines values (SGVs).
- Preparation of this report in accordance with MfE guidelines.

## 4 Site Identification

The subject site is located at 60 Leeston Dunsandel Road, Leeston as shown on the plan in **Figure 1** below, from herein referred to as 'the site'. The site is legally described as Lot 2 DP 365379 and has a total area of approximately 5.44ha.

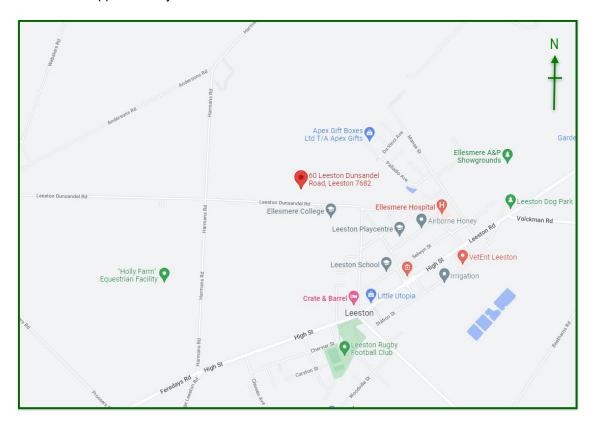




Figure 1 – Location Plan

## 5 Proposed Site Use

The client is preparing to develop the site for residential use. This will involve subdivision, change of use of the land, soil disturbance and disposal of soils off-site.

## 6 Site Description

## 6.1 Environmental Setting

Table 1 – Environmental Setting

Table 1 – Environmental Setting							
Topography	The site is generally flat land.						
Geology	The ECan GIS database describes the soils at the site as a combination						
	of the Leeston stony clay, the Leeston shallow clay and the Ayreburn moderately deep clay. Wells in the area indicate that topsoils are						
	underlain by a layer of clay and gravel.						
Soil Trace Elements	According to the ECan GIS database, natural concentrations of trace						
	elements for the site are mainly those within the 'Regional, Gley' soil						
	group.						
Groundwater	The site lies over the unconfined and semi-confined gravel aquifer						
	system. Groundwater levels recorded on nearby bore logs are between						
	0.60m and 1.98m deep. The direction of groundwater flow is generally						
	in a south easterly direction.						
Surface Water	An open drain is present at the south-west corner of the site heading						
	south. Birdlings Brook is located approximately 1km to the west and						
	south-west of the site.						

## 6.2 Site Layout and Current Site Uses

The site contains multiple industrial type sheds along the eastern boundary. A general storage area is located in the north-west corner of the site. Storage items include vehicles, trailers, farm machinery and building materials. The remainder of the site is vacant of structures and in pasture.

## 6.3 Surrounding Land Uses

The site is bound by similar rural and rural residential/lifestyle properties to the north, east and west. Ellesmere College is located to the south of the site. The Leeston township is also located approximately 850m south of the site.

#### 6.4 Geotechnical Investigations

At the time of writing no geotechnical investigations were made available to Momentum Environmental Ltd (MEL).

## 7 Summary of Previous Investigations

## 7.1 Preliminary Site Investigation

A Preliminary Site Investigation (PSI) was undertaken by Malloch Environmental Ltd (now known as Momentum Environmental Ltd) in July 2017 for the site and several hectares of land to the south of the site as part of a proposed plan change. The information summarised below is relevant to the current site only.

The PSI included a site visit which noted that an area containing buildings along the eastern boundary appeared to be a work yard for contractors. This area of the site contained two above ground fuel tanks. One was a newer looking petrol tank, and the other an older tank likely for diesel. The north-west corner

of the site appeared to be used as a transport yard. The gate to access that area was locked at the time so close inspection was not possible.

Based on two areas of the site apparently being used as a contractor's yard there was considered to be potential risks associated with chemical and fuel storage. The PSI recommended a Detailed Site Investigation be undertaken on the north-west corner of the site and the developed area along the eastern boundary.

The full copy of the PSI can be made available upon request.

## 7.2 Detailed Site Investigation

A Detailed Site Investigation (DSI) was completed by MEL in October 2021. Prior to soil sampling a more detailed review of historical aerial photographs was undertaken. This determined the contractor's yard on the eastern boundary of the site, referred to as 'contractor's yard A' was vacant of structures until the mid-1970s when a shed was constructed. This area was further developed around 2010 when additional buildings were constructed, and the area was gravelled. Some storage was occurring along the eastern boundary of the site, as shown below in **Figure 2**.



Figure 2 – 2010-2014 aerial photograph showing eastern contractor's yard

The area in the north-west corner of the site, referred to as 'contractor's yard B' also appeared to be used as a contractor's yard. This area remained undeveloped until approximately 2010 when it was gravelled and some storage began occurring along the northern and western boundaries. In the latest aerial photograph, this area of the site was returned to pasture and several vehicles were present.

Storage is still occurring along the northern and western boundaries. Also in this aerial photograph, there is evidence of burn areas and/or stockpiles of soil, as shown in **Figure 3** below.



Figure 3 – Latest aerial photograph showing transport yard and burn area/stockpile (orange)

Soil sampling was undertaken on the 15 September 2021 to assess the extent of contamination within the two identified risk areas. During soil sampling, burn areas in both contractor's yards were identified including areas which contained blackened, ashy soils.

#### Contractor's Yard A

The results of soil sampling showed heavy metal concentrations below the 'residential 10% produce' soil guideline values (SGV) at all sample locations and within the burn area (BP1). Contaminant concentrations were above expected background values in this area, which was expected given the nature of the land uses occurring. Asbestos was not detected within samples collected from contractor's yard A.

No remediation was deemed necessary for contactor's yard A.

#### Contractor's Yard B

The results of soil sampling identified arsenic and chromium concentrations exceeding the 'residential 10% produce' SGV in two burn areas, BP2 and BP3. Arsenic concentrations also exceeded the 'residential 10% produce' SGV in three sample locations containing blackened and ashy soils adjacent to the burn areas. Of these exceedances, three arsenic results also exceeded the 'commercial/industrial' SGV. Arsenic concentrations were below the 'residential 10% produce' SGV in the samples taken from 250mm depth.

Table 2 – Summary of exceedances

Sample Location	Arsenic (mg/kg) (SGV = 20)	Chromium (mg/kg) (SGV = 460)				
BP2 (XRF tested only,	73	<sgv< td=""></sgv<>				
average of readings shown)						
BP3	1,850	719				
Y10	51.8	<sgv< td=""></sgv<>				
Y13	119	<sgv< td=""></sgv<>				
Y15	30.4	<sgv< td=""></sgv<>				

The sample taken from BP3 also exceeded the ecological guideline value used as a trigger for further assessment for arsenic, chromium, copper, and zinc. Heavy metal concentrations were above expected background levels in most sample locations within this area.

Arsenic, chromium, copper, lead and zinc levels within BP3.1 and arsenic levels within Y13.1 exceeded the total recoverable concentration acceptance criteria for Kate Valley Landfill. As the sample with the highest level of contaminants, BP3.1 was submitted for heavy metal by TCLP analysis to inform disposal options. The arsenic by TCLP result of 7.98g/m³ exceeds the Kate Valley leachate acceptance criteria of 5 g/m³. The other TCLP results were all below the acceptance criteria.

Asbestos was not detected within samples collected from contractor's yard B.

The DSI concluded that the contamination appeared to be restricted to burn areas or areas impacted by burning. However, in-field observations made during sampling, such as extensive digger tracks and burnt soils beneath layers of topsoils at Y15, suggested that there may have been significant movement of soils across this risk area. Therefore, it would not be surprising to find contamination outside of the sampled locations. It was also noted that due to the storage occurring within contractor's yard B, some areas were not fully characterised.

The DSI determined there was a moderate to high risk to human health from the identified contamination and recommended that the contaminated soils within contractor's yard B be remediated prior to the development of the site for residential use. Additional sampling was recommended within contractor's yard B to increase the density of sampling and delineate the extent of contamination following site clearance and prior to any earthworks commencing.

A copy of the DSI Sample Location Plan - Contractor's yard B is included in **Appendix A**. This plan also shows the area recommended for higher density sampling. A full copy of the DSI can be made available upon request.

## 7.3 Supplementary Detailed Site Investigation and Remediation Action Plan

A combined Supplementary DSI and Remediation Action Plan (RAP) was completed by MEL in May 2022. The DSI was undertaken to increase the sample location density within the portion of contractor's yard B affected by burning of waste and storage.

The soil sampling results assisted with delineating the two areas of contamination identified by the original DSI and identified a third area of arsenic contamination with an isolated result exceeding the 'residential 10% produce' SGV. In total, the area of contaminated soils was estimated to be approximately 1,500m<sup>2</sup> and the contamination was likely limited to the top 200-250mm of soils.

Remediation by excavation and disposal to an authorised facility was considered to be the most viable remediation option for the site. The remediation objective was to remove all material containing arsenic and chromium concentrations above the 'residential 10% produce' SGV of 20mg/kg and 460mg/kg respectively are removed.

Other ancillary objectives included:

- To ensure that appropriate site management measures are in place to protect workers from exposure to contaminants contained in the soils and respirable asbestos fibres.
- To ensure that soil management controls are in place to prevent tracking of contaminants, dust, stormwater runoff erosion.
- To ensure that any contaminated soils removed off-site are disposed of to an appropriate location.

The methodology was for excavation and disposal to an authorised disposal facility. The following methodology was agreed upon with the client:

- 1. Set up all site controls and equipment as required and in accordance with the General Site Management Plan.
- 2. If excavation is undertaken in conjunction with XRF testing, each arsenic affected area can be excavated in 100mm layers until XRF testing indicates the arsenic contaminated soils have been removed. Using a portable XRF during remediation will ensure the minimum volume of soil is removed from the site whilst also ensuring the remediation goal is met. This will be particularly important around SS5 which has not been delineated. Alternatively, each arsenic affected area can be excavated to 250mm depth.
- 3. Dispose of soils to a suitable location.
- 4. Following excavation works, the excavated area including walls and base, shall be tested by XRF to confirm the remediation goal has been achieved. When the XRF results indicate success, laboratory validation sampling should be undertaken.
- 5. Decontaminate all equipment prior to commencing other site earthworks.
- 6. Backfill the excavated bed with imported fill suitable for a residential use.

The Supplementary DSI Sample Location Plan is included in **Appendix B**. A full copy of the supplementary DSI/RAP can be provided upon request.

## 8 Summary of Remedial Works and Site Validation Investigation

## 8.1 Soil Guideline Values

Human health soil contaminant standards for a group of 12 priority contaminants were derived under a set of five land-use scenarios and are legally binding under The Resource Management (National Environmental Standard for Assessing and Managing Contaminants in Soil to Protect Health) Regulations 2011 (NES). These standards have been applied where applicable. The regulations describe these as Soil Contaminant Standards. For contaminants other than the 12 priority contaminants, the hierarchy as set out in the Ministry for the Environment Contaminated Land Management Guidelines No 2 has been followed. These are generally described as Soil Guideline Values. For simplicity, this report uses the terminology Soil Guideline Values (SGV) when referring to the appropriate soil contaminant standard or other derived value from the hierarchy. For soil, guideline values are predominantly risk based, in that they are typically derived using designated exposure scenarios that relate to different land uses. For each exposure scenario, selected pathways of exposure are used to derive guideline values. These pathways typically include soil ingestion, inhalation and

dermal adsorption. The guideline values for the appropriate land use scenario relate to the most critical pathway.

The land-use scenarios applicable for the site would be 'residential 10% produce'. The 'commercial/industrial' land use scenario is used as a proxy for workers involved in disturbing soils.

The adopted trigger value used to determine need for assessment of ecological receptors (including stormwater disposal areas) also referred to as Ecological Guideline Values (EGVs) is the Australian and New Zealand Guidelines for Fresh and Marine Water Quality (online) – Sediment GV-high (ANZWQ).

For comparison of site concentrations against expected background levels heavy metal concentrations will be assessed against the expected background levels for soils as published in *Background Concentrations in Canterbury soils*, Tonkin and Taylor, July 2007.

## 8.2 Quality Assurance and Quality Control

Field quality assurance measures as described in Section 4.3.1 of the "Contaminated Land Management Guidelines No 5: Site Investigation and Analysis of Soils, revised 2021" (CLMG) are to be followed. These include using trained staff, choosing appropriate sample containers, accurate and individual labelling and recording of locations, completing appropriate laboratory chain of custody forms, chilling of samples as appropriate and timely delivery to laboratories. All non-disposable sampling equipment should be decontaminated between samples using Decon 90 and rinsed with tap water. All samples are to be submitted to IANZ accredited laboratories. Quality control to ensure freedom from sample cross-contamination is to be measured by the appropriate use of duplicate and rinsate blank samples.

## 8.3 Summary of Remedial Works

Remediation of contaminated soils commenced in mid-June 2022 with the excavation of soils from the remediation area within the paddock, followed by the two remediation areas within the yard. Soils were excavated to an average 150-250mm depth within the paddock remediation area, 100-150mm depth within the smaller yard remediation area and 150-250mm depth within the larger yard remediation area. The material was stockpiled and mixed before being retested to confirm suitability for disposal at Burwood Landfill. MEL attended site on 16 June 2022 to undertake XRF testing of the walls and base of the excavated area and of the stockpiled material.

The XRF test results showed isolated areas of arsenic contamination at concentrations above the 'residential 10% produce' soil guideline value (SGV) remained in the base of the paddock remediation area. Further excavations occurred and the soils were added to the stockpiled material prior to being mixed and retested. The XRF testing on the stockpiled material showed in general contaminant concentrations were below the 'recreational' SGVs used to show compliance with Burwood Landfill acceptance criteria. Four test locations contained concentrations of arsenic likely to be above Burwood Landfill acceptance criteria. The stockpile was thoroughly mixed again, prior to being retested.

Photographs undertaken during the remediation are shown below. XRF testing locations marked with an 'O' indicate heavy metal concentrations below the 'residential 10% produce' SGVs, while those marked with an 'X' indicate heavy metal concentrations above the 'residential 10% produce' SGVs.





Photo 5 & 6 - Stockpiled material



Photo 7 - Small remediation area within yard

MEL attended site a second time on 05 July 2022 to undertake XRF testing of soils that were previously inaccessible within the larger yard remediation area due to the presence of the stockpile. The XRF test results identified an isolated area of elevated arsenic and chromium at concentrations likely to be above the 'residential 10% produce' SGVs. The soils at this location appeared rusted and darker than surrounding soils. Soils were excavated to approximately 500mm depth until visually clear and XRF test results showed arsenic and chromium concentrations below the 'residential 10% produce' SGVs.

An additional area of arsenic contamination was also identified when XRF testing the southern wall of the remediation area. The affected area was excavated to approximately 250mm deep and XRF tested to confirm arsenic concentrations were below the 'residential 10% produce' SGV.



Photo 8 – Deeper excavations required in yard Ph

Photo 9 - Yard remediation area



Photo 10 & 11 - Yard remediation area

## 8.4 Summary of Site Validation Investigation

The site validation investigation was undertaken on 05 July 2022. Nine validation samples were collected from the walls and base of the paddock remediation area. Six validation samples were collected from the walls and base of the larger yard remediation area and a single validation sample was collected from the smaller yard remediation area. Across the remediation process, a total of 322 XRF tests were conducted.

The Validation Sample Location Plan is attached in **Appendix C.** 

## 9 Site Validation Investigation Results

#### 9.1 Evaluation of Results

The validation sample results showed heavy metal concentrations below the 'residential 10% produce' SGVs in all sample locations. Arsenic concentrations ranged from 4.6-19.7mg/kg, chromium concentrations ranged from 15.8-27.7mg/kg and lead concentrations ranged from 13.3-32.3mg/kg.

Heavy metal concentrations were above expected background values for arsenic and chromium across the majority of sample locations and for cadmium at sample VS4.

A total of 134 tonnes of soils were excavated from the site on 20 June and 18 July 2022 and disposed of at Burwood Landfill under manifest number 22/088.

The Table of Laboratory Validation Results is attached in **Appendix D**, the Table of XRF Validation Results is attached in **Appendix E** and Laboratory Reports are attached in **Appendix F**. Disposal documentation is attached in **Appendix G**.

## 9.2 Results of Field & Laboratory Quality Assurance and Quality Control

No quality control issues were identified during sampling. All laboratory tested samples were submitted to Analytica Laboratories for analysis. Analytica holds IANZ accreditation. As part of holding accreditation the laboratory follows appropriate testing and quality control procedures. No quality control issues were identified.

## 10 Summary of Resource Consent and Conditions

Resource consent (RC225368) was obtained from Selwyn District Council on 13 June 2022 for soil disturbance and off-site disposal of soils associated with the remediation of contaminated soils. The resource consent contained several conditions including the requirement to remediate contaminated material in accordance with the approved Remediation Action Plan, disposal of soil to an approved disposal facility and disposal documents to be included in a Site Validation Report which shall be submitted to Selwyn District Council following completion of the remediation process for each stage of the subdivision.

This Site Validation Report has been prepared in general accordance with the "Contaminated Land Management Guidelines No 1: Reporting on Contaminated Sites in New Zealand, revised 2021" and is considered to have met the conditions of consent.

#### 11 Conclusion

Remediation commenced in mid-June 2022 with the excavation of soils from the remediation area within the paddock, followed by the two remediation areas within the yard. MEL attended site on 16 June 2022 to undertake XRF testing of the walls and base of the excavated area and of the stockpiled material. MEL attended site a second time on 05 July 2022 to undertake XRF testing of soils that were previously inaccessible within the larger yard remediation area due to the presence of the stockpile.

Following successful remediation, a total of 16 validation samples were collected from the three remediation areas. The validation results showed heavy metal concentrations below the 'residential 10%'

produce' SGVs. A total of 134 tonnes of soils were excavated from the site on 20 June and 18 July 2022 and disposed of at Burwood Landfill under manifest number 22/088.

The remediation actions have successfully remediated the identified contaminated areas at the site. Contaminant levels within the remediated areas remain elevated above expected background values. During future earthworks, any material requiring off-site disposal from within this area will not qualify for disposal as cleanfill material.

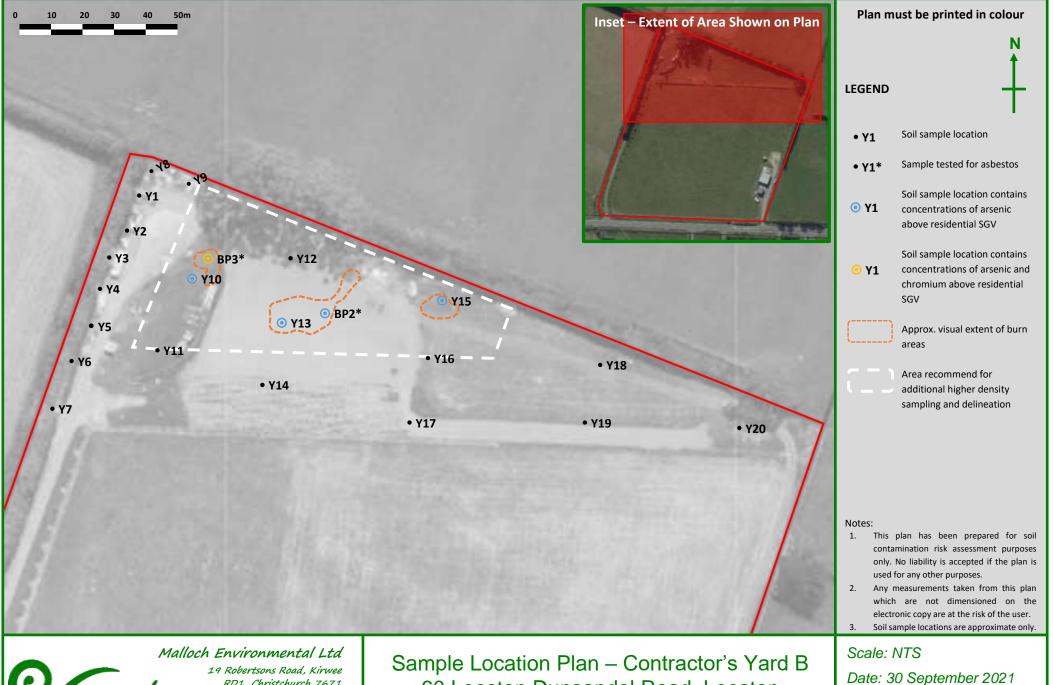
#### 12 Limitations

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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ppendix A – DSI Sample Location Plan – Contractors Yard B	

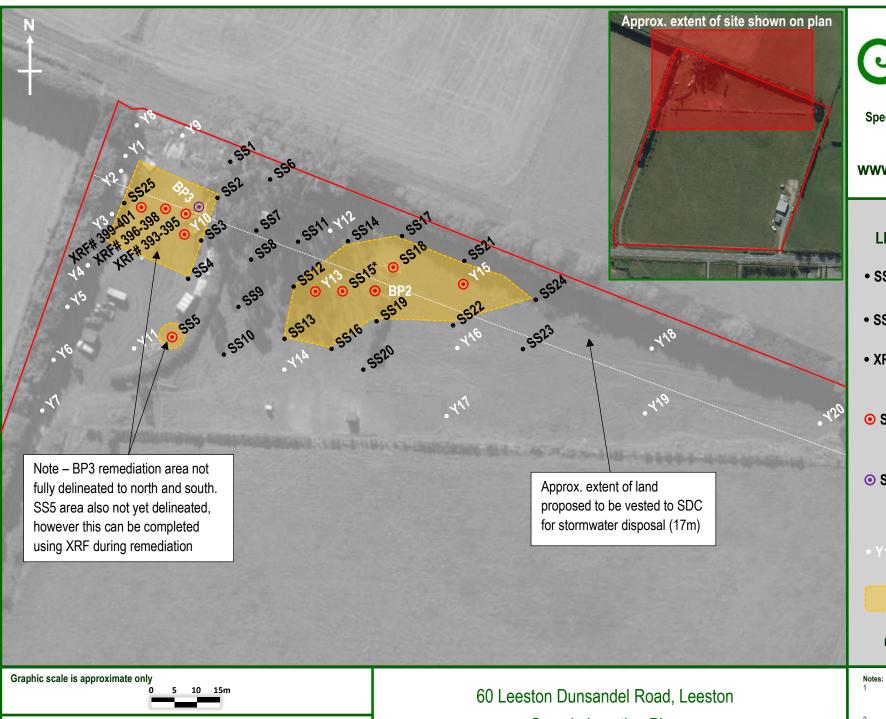


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60 Leeston Dunsandel Road, Leeston

Drawing No: 01595/2





**Date:** 10 May 2022

Drawing No: 595/3

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## **LEGEND**

- Soil sample location XRF and • SS1 laboratory tested
- Soil sample location tested for • SS1\* asbestos
- XRF# Soil sample location XRF tested
- Soil sample location contains SS1 arsenic concentrations above the residential SGV
- Soil sample location with SS1 arsenic and chromium concentrations above

residential SGVs

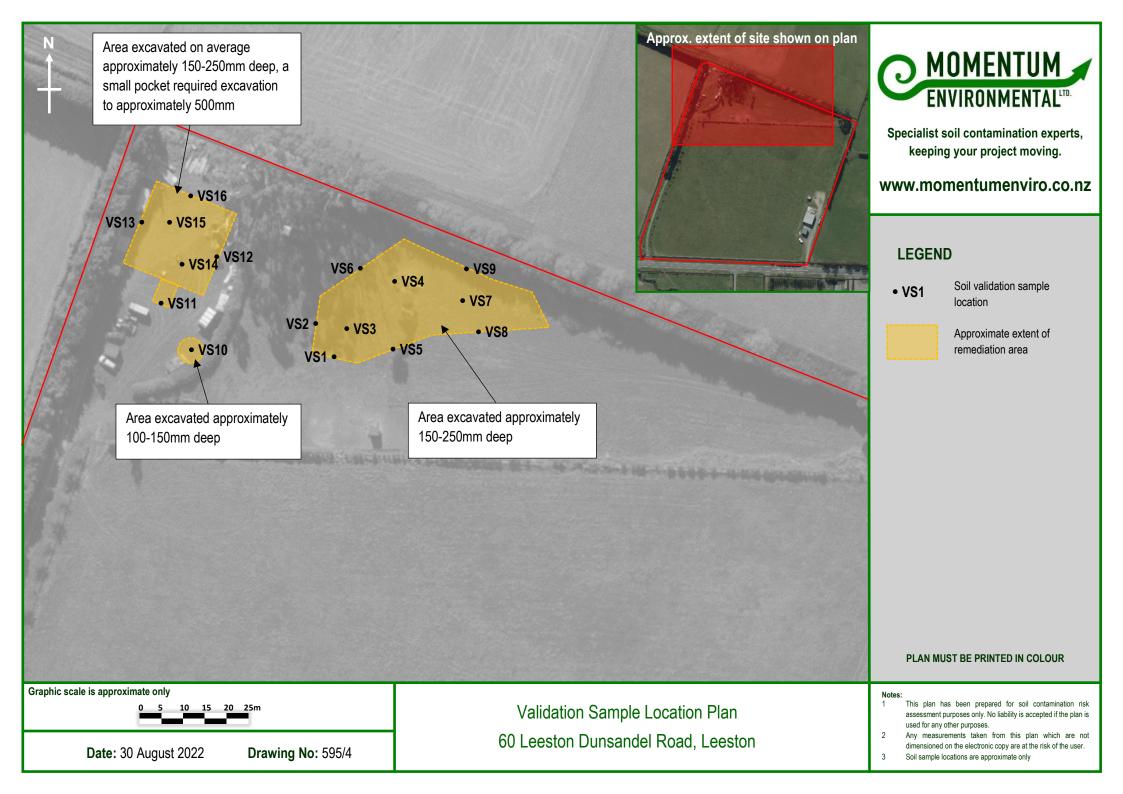
- Sample location from previous
- DSI stage of investigation
  - Approx. extent requiring remediation

PLAN MUST BE PRINTED IN COLOUR

Sample Location Plan

- assessment purposes only. No liability is accepted if the plan is used for any other purposes.
- Any measurements taken from this plan which are not dimensioned on the electronic copy are at the risk of the user.

Appendix C – Validation Sample Location Plan							



Appendix D – Table of Labo	oratory Validation	on Results	

## Table of Laboratory Validation Results - 60 Leeston Dunsandel Road, Leeston

Date of sampling: 05 July 2022



Analyte	Sample Name:	VS1	VS2	VS3	VS4	VS5	VS6	VS7	VS8	Soil Guideline Values					
Soil Results	Lab Number:	22-24777-1	22-24777-2	22-24777-3	22-24777-4	22-24777-5	22-24777-6	22-24777-7	22-24777-8	Residential	Commercial/	Reference	Ecological	Reference	Background <sub>1</sub>
	Position:	wall	wall	base	base	wall	wall	base	wall	10% Produce	Industrial	Reference	Receptors	Reference	Dackground <sub>1</sub>
Heavy Metals															
Arsenic	mg/kg dry wt	15	8.9	11	11	12	15.1	15.6	16.4	20	70	NES	70	ANZWQ	12.5
Cadmium	mg/kg dry wt	0.18	0.17	0.16	0.22	0.16	0.19	0.2	0.19	3	1,300	NES	10	ANZWQ	0.21
Chromium	mg/kg dry wt	24.1	19.5	27.7	21.5	20.3	21.7	21.7	22.4	460	6,300	NES	370	ANZWQ	20.3
Copper	mg/kg dry wt	14.2	10.2	11.2	11.5	10.8	14	13.4	12.4	>10,000	>10,000	NES	270	ANZWQ	25
Lead	mg/kg dry wt	30.3	32.3	28.8	23.6	26.7	25.8	24.9	25.2	210	3,300	NES	220	ANZWQ	36.2
Nickel	mg/kg dry wt	14.2	12.6	13.9	13.8	12.4	12.3	12.9	13.4	400	6,000	NEPM	52	ANZWQ	17.5
Zinc	mg/kg dry wt	88	77	83	86	78	91	90	91.5	7,400	400,000	NEPM	410	ANZWQ	145

Analyte	Sample Name:	VS9	VS10	VS11	VS12	VS13	VS14	VS15	VS16	Soil Guideline Values					
Soil Results	Lab Number:	22-24777-9	22-24777-10	22-24777-11	22-24777-12	22-24777-13	22-24777-14	22-24777-15	22-24777-16	Residential	Commercial/	Reference	Ecological	Reference	Background <sub>1</sub>
	Position:	wall	base	wall	wall	wall	base	base	wall	10% Produce	Industrial	Reference	Receptors	Reference	Background <sub>1</sub>
Heavy Metals															
Arsenic	mg/kg dry wt	13.9	11	16.5	12	4.6	19.7	6.8	8.3	20	70	NES	70	ANZWQ	12.5
Cadmium	mg/kg dry wt	0.16	0.17	0.14	0.2	0.036	0.16	0.037	0.047	3	1,300	NES	10	ANZWQ	0.21
Chromium	mg/kg dry wt	18.9	20.7	22.5	21.6	15.8	23.3	16.9	20.2	460	6,300	NES	370	ANZWQ	20.3
Copper	mg/kg dry wt	11.5	10.3	10.8	10.5	11.8	12.2	12.7	14	>10,000	>10,000	NES	270	ANZWQ	25
Lead	mg/kg dry wt	22.3	31.6	25.3	20.7	13.3	24	13.5	16.2	210	3,300	NES	220	ANZWQ	36.2
Nickel	mg/kg dry wt	11.4	13.8	14.6	12.1	13.9	13.7	13.7	13.7	400	6,000	NEPM	52	ANZWQ	17.5
Zinc	mg/kg dry wt	81	84	88	78	51	118	51	63.5	7,400	400,000	NEPM	410	ANZWQ	145

Indicates result exceeds	'residential 10%	produce' guideline value
--------------------------	------------------	--------------------------

Indicates result exceeds ecological guideline value
Indicates result exceeds background value for soil type

NES - National Environmental Standard for Assessing and Managing Contaminants in Soils, MfE NEPM - National Environmental Protection Measures 2013, Formerly NEPC, Australia

ANZWQ - Australian and New Zealand - Guidelines for Fresh and Marine Water Quality (online)- Sediment GV-high

Concentrations for "Regional, Gley" soil group from Background concentrations in Canterbury soils, Tonkin and Taylor, July 2007



## Table of XRF Validation Results - 60 Leeston Dunsandel Road, Leeston

Units: ppm



XRF			Test		Total Recoverable		Total Recoverable		Total Recoverable	
Reading #	Time	Type/Comment	Duration	Arsenic		Chromium		Lead		
ŭ				Result	Error	Result	Error	Result	Error	
324	16/06/2022 13:50	Soil suitable to remain in-situ	10.92	<lod< td=""><td>11.57</td><td><lod< td=""><td>192.4</td><td>16.27</td><td>10.72</td></lod<></td></lod<>	11.57	<lod< td=""><td>192.4</td><td>16.27</td><td>10.72</td></lod<>	192.4	16.27	10.72	
325 326	16/06/2022 13:50	Soil suitable to remain in-situ Soil suitable to remain in-situ	11.72 17.31	<lod <lod< td=""><td>11.91 10.05</td><td><lod <lod< td=""><td>226.3 176.04</td><td><lod <lod< td=""><td>16.52 13.22</td></lod<></lod </td></lod<></lod </td></lod<></lod 	11.91 10.05	<lod <lod< td=""><td>226.3 176.04</td><td><lod <lod< td=""><td>16.52 13.22</td></lod<></lod </td></lod<></lod 	226.3 176.04	<lod <lod< td=""><td>16.52 13.22</td></lod<></lod 	16.52 13.22	
327	16/06/2022 13:50 16/06/2022 13:51	Soil suitable to remain in-situ	20.87	12.22	5.68	<lod <lod< td=""><td>132.85</td><td>11.82</td><td>7.2</td></lod<></lod 	132.85	11.82	7.2	
328	16/06/2022 13:51	Soil suitable to remain in-situ	17.31	<lod< td=""><td>10.95</td><td><lod <lod< td=""><td>173.52</td><td><lod< td=""><td>14.14</td></lod<></td></lod<></lod </td></lod<>	10.95	<lod <lod< td=""><td>173.52</td><td><lod< td=""><td>14.14</td></lod<></td></lod<></lod 	173.52	<lod< td=""><td>14.14</td></lod<>	14.14	
329	16/06/2022 13:52	Soil suitable to remain in-situ	17.31	<lod <lod< td=""><td>10.33</td><td><lod <lod< td=""><td>190.69</td><td>18.46</td><td>9.82</td></lod<></lod </td></lod<></lod 	10.33	<lod <lod< td=""><td>190.69</td><td>18.46</td><td>9.82</td></lod<></lod 	190.69	18.46	9.82	
330	16/06/2022 13:52	Soil suitable to remain in-situ	30.08	8.46	4.72	<lod< td=""><td>125.51</td><td><lod< td=""><td>9.28</td></lod<></td></lod<>	125.51	<lod< td=""><td>9.28</td></lod<>	9.28	
331	16/06/2022 13:53	Soil suitable to remain in-situ	30.07	<lod< td=""><td>7.47</td><td><lod< td=""><td>136.92</td><td><lod< td=""><td>10.09</td></lod<></td></lod<></td></lod<>	7.47	<lod< td=""><td>136.92</td><td><lod< td=""><td>10.09</td></lod<></td></lod<>	136.92	<lod< td=""><td>10.09</td></lod<>	10.09	
332	16/06/2022 13:54	Soil suitable to remain in-situ	27.27	<lod< td=""><td>7.69</td><td><lod< td=""><td>144.92</td><td><lod< td=""><td>10.3</td></lod<></td></lod<></td></lod<>	7.69	<lod< td=""><td>144.92</td><td><lod< td=""><td>10.3</td></lod<></td></lod<>	144.92	<lod< td=""><td>10.3</td></lod<>	10.3	
333	16/06/2022 13:54	Soil suitable to remain in-situ	23.69	<lod< td=""><td>9.22</td><td><lod< td=""><td>172.95</td><td><lod< td=""><td>12.35</td></lod<></td></lod<></td></lod<>	9.22	<lod< td=""><td>172.95</td><td><lod< td=""><td>12.35</td></lod<></td></lod<>	172.95	<lod< td=""><td>12.35</td></lod<>	12.35	
334	16/06/2022 13:55	Soil suitable to remain in-situ	16.9	<lod< td=""><td>10.12</td><td><lod< td=""><td>169.67</td><td>19.08</td><td>9.45</td></lod<></td></lod<>	10.12	<lod< td=""><td>169.67</td><td>19.08</td><td>9.45</td></lod<>	169.67	19.08	9.45	
335	16/06/2022 13:55	Soil suitable to remain in-situ	20.1	<lod< td=""><td>8.75</td><td><lod< td=""><td>142.37</td><td><lod< td=""><td>11.62</td></lod<></td></lod<></td></lod<>	8.75	<lod< td=""><td>142.37</td><td><lod< td=""><td>11.62</td></lod<></td></lod<>	142.37	<lod< td=""><td>11.62</td></lod<>	11.62	
336	16/06/2022 13:56	Soil suitable to remain in-situ	22.09	<lod< td=""><td>8.12</td><td><lod< td=""><td>144.58</td><td>13.24</td><td>7.57</td></lod<></td></lod<>	8.12	<lod< td=""><td>144.58</td><td>13.24</td><td>7.57</td></lod<>	144.58	13.24	7.57	
337	16/06/2022 13:56	Soil suitable to remain in-situ	18.51	<lod< td=""><td>8.91</td><td><lod< td=""><td>167.33</td><td>13.5</td><td>8.05</td></lod<></td></lod<>	8.91	<lod< td=""><td>167.33</td><td>13.5</td><td>8.05</td></lod<>	167.33	13.5	8.05	
338	16/06/2022 13:57	Soil suitable to remain in-situ	14.11	<lod< td=""><td>10.15</td><td><lod< td=""><td>173.98</td><td><lod< td=""><td>13.14</td></lod<></td></lod<></td></lod<>	10.15	<lod< td=""><td>173.98</td><td><lod< td=""><td>13.14</td></lod<></td></lod<>	173.98	<lod< td=""><td>13.14</td></lod<>	13.14	
339	16/06/2022 13:58	Soil suitable to remain in-situ	30.17	<lod< td=""><td>7.48</td><td><lod< td=""><td>120.61</td><td><lod< td=""><td>10.08</td></lod<></td></lod<></td></lod<>	7.48	<lod< td=""><td>120.61</td><td><lod< td=""><td>10.08</td></lod<></td></lod<>	120.61	<lod< td=""><td>10.08</td></lod<>	10.08	
340	16/06/2022 13:59	Soil suitable to remain in-situ	30.07	<lod< td=""><td>6.93</td><td><lod< td=""><td>128.5</td><td><lod< td=""><td>9.31</td></lod<></td></lod<></td></lod<>	6.93	<lod< td=""><td>128.5</td><td><lod< td=""><td>9.31</td></lod<></td></lod<>	128.5	<lod< td=""><td>9.31</td></lod<>	9.31	
341 342	16/06/2022 13:59	Soil suitable to remain in-situ Soil suitable to remain in-situ	30.08 30.08	<lod< td=""><td>7.29</td><td><lod <lod< td=""><td>125.68 132.45</td><td>12.58 14.78</td><td>6.62 6.79</td></lod<></lod </td></lod<>	7.29	<lod <lod< td=""><td>125.68 132.45</td><td>12.58 14.78</td><td>6.62 6.79</td></lod<></lod 	125.68 132.45	12.58 14.78	6.62 6.79	
342	16/06/2022 14:01 16/06/2022 14:02	Soil suitable to remain in-situ  Soil suitable to remain in-situ	30.08	<lod 8.53</lod 	7.3 4.83	<lod <lod< td=""><td>132.45</td><td>11.08</td><td>6.79</td></lod<></lod 	132.45	11.08	6.79	
343	16/06/2022 14:02	Soil suitable to remain in-situ	30.06	12.3	5.45	<lod <lod< td=""><td>142.36</td><td>11.06</td><td>6.94</td></lod<></lod 	142.36	11.06	6.94	
345	16/06/2022 14:03	Soil suitable to remain in-situ	30.07	<lod< td=""><td>6.97</td><td><lod< td=""><td>124.31</td><td>12.9</td><td>6.4</td></lod<></td></lod<>	6.97	<lod< td=""><td>124.31</td><td>12.9</td><td>6.4</td></lod<>	124.31	12.9	6.4	
346	16/06/2022 14:04	Soil suitable to remain in-situ	20.1	<lod< td=""><td>9.79</td><td><lod< td=""><td>161.89</td><td>20.67</td><td>8.65</td></lod<></td></lod<>	9.79	<lod< td=""><td>161.89</td><td>20.67</td><td>8.65</td></lod<>	161.89	20.67	8.65	
347	16/06/2022 14:05	Soil suitable to remain in-situ	26.49	7.97	4.84	<lod< td=""><td>129.74</td><td><lod< td=""><td>9.54</td></lod<></td></lod<>	129.74	<lod< td=""><td>9.54</td></lod<>	9.54	
348	16/06/2022 14:06	Soil suitable to remain in-situ	30.07	8.16	4.96	<lod< td=""><td>130.95</td><td>10.92</td><td>6.52</td></lod<>	130.95	10.92	6.52	
349	16/06/2022 14:06	Soil suitable to remain in-situ	30.07	11.8	5.17	<lod< td=""><td>137.08</td><td>11.46</td><td>6.61</td></lod<>	137.08	11.46	6.61	
350	16/06/2022 14:07	Soil suitable to remain in-situ	30.07	<lod< td=""><td>7.19</td><td><lod< td=""><td>125.87</td><td>16.83</td><td>6.73</td></lod<></td></lod<>	7.19	<lod< td=""><td>125.87</td><td>16.83</td><td>6.73</td></lod<>	125.87	16.83	6.73	
351	16/06/2022 14:09	Soil suitable to remain in-situ	17.71	<lod< td=""><td>7.94</td><td><lod< td=""><td>135.3</td><td><lod< td=""><td>10.95</td></lod<></td></lod<></td></lod<>	7.94	<lod< td=""><td>135.3</td><td><lod< td=""><td>10.95</td></lod<></td></lod<>	135.3	<lod< td=""><td>10.95</td></lod<>	10.95	
352	16/06/2022 14:10	Soil suitable to remain in-situ	19.3	<lod< td=""><td>7.98</td><td><lod< td=""><td>150.81</td><td><lod< td=""><td>10.63</td></lod<></td></lod<></td></lod<>	7.98	<lod< td=""><td>150.81</td><td><lod< td=""><td>10.63</td></lod<></td></lod<>	150.81	<lod< td=""><td>10.63</td></lod<>	10.63	
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354	16/06/2022 14:11	Soil suitable to remain in-situ	24.09	<lod< td=""><td>7.86</td><td><lod< td=""><td>140.06</td><td>13.01</td><td>6.95</td></lod<></td></lod<>	7.86	<lod< td=""><td>140.06</td><td>13.01</td><td>6.95</td></lod<>	140.06	13.01	6.95	
355	16/06/2022 14:11	Soil suitable to remain in-situ	30.07	11.29 10.53	4.54	<lod< td=""><td>120.71</td><td><lod 12.16</lod </td><td>8.64</td></lod<>	120.71	<lod 12.16</lod 	8.64	
356 357	16/06/2022 14:12 16/06/2022 14:13	Soil suitable to remain in-situ Soil suitable to remain in-situ	30.07 28.48	<lod< td=""><td>4.98 7.06</td><td><lod <lod< td=""><td>128.21 127.85</td><td>10.91</td><td>6.43</td></lod<></lod </td></lod<>	4.98 7.06	<lod <lod< td=""><td>128.21 127.85</td><td>10.91</td><td>6.43</td></lod<></lod 	128.21 127.85	10.91	6.43	
358	16/06/2022 14:13	Soil suitable to remain in-situ	28.48	<lod <lod< td=""><td>7.63</td><td><lod <lod< td=""><td>134.83</td><td>14.43</td><td>7.09</td></lod<></lod </td></lod<></lod 	7.63	<lod <lod< td=""><td>134.83</td><td>14.43</td><td>7.09</td></lod<></lod 	134.83	14.43	7.09	
359	16/06/2022 14:14	Soil suitable to remain in-situ	27.67	<lod <lod< td=""><td>7.38</td><td><lod <lod< td=""><td>135.8</td><td>11.05</td><td>6.61</td></lod<></lod </td></lod<></lod 	7.38	<lod <lod< td=""><td>135.8</td><td>11.05</td><td>6.61</td></lod<></lod 	135.8	11.05	6.61	
360	16/06/2022 14:15	Soil suitable to remain in-situ	28.07	<lod< td=""><td>6.96</td><td><lod< td=""><td>130.44</td><td>13.21</td><td>6.61</td></lod<></td></lod<>	6.96	<lod< td=""><td>130.44</td><td>13.21</td><td>6.61</td></lod<>	130.44	13.21	6.61	
361	16/06/2022 14:15	Soil suitable to remain in-situ	18.11	<lod< td=""><td>9.74</td><td><lod< td=""><td>176.55</td><td><lod< td=""><td>13.26</td></lod<></td></lod<></td></lod<>	9.74	<lod< td=""><td>176.55</td><td><lod< td=""><td>13.26</td></lod<></td></lod<>	176.55	<lod< td=""><td>13.26</td></lod<>	13.26	
362	16/06/2022 14:17	Soil suitable to remain in-situ	19.29	<lod< td=""><td>8.25</td><td><lod< td=""><td>149.18</td><td><lod< td=""><td>11.46</td></lod<></td></lod<></td></lod<>	8.25	<lod< td=""><td>149.18</td><td><lod< td=""><td>11.46</td></lod<></td></lod<>	149.18	<lod< td=""><td>11.46</td></lod<>	11.46	
363	16/06/2022 14:17	Soil suitable to remain in-situ	17.31	<lod< td=""><td>9.05</td><td><lod< td=""><td>166.58</td><td><lod< td=""><td>12.22</td></lod<></td></lod<></td></lod<>	9.05	<lod< td=""><td>166.58</td><td><lod< td=""><td>12.22</td></lod<></td></lod<>	166.58	<lod< td=""><td>12.22</td></lod<>	12.22	
364	16/06/2022 14:18	Soil suitable to remain in-situ	15.71	<lod< td=""><td>10.6</td><td><lod< td=""><td>205.32</td><td><lod< td=""><td>14.28</td></lod<></td></lod<></td></lod<>	10.6	<lod< td=""><td>205.32</td><td><lod< td=""><td>14.28</td></lod<></td></lod<>	205.32	<lod< td=""><td>14.28</td></lod<>	14.28	
365	16/06/2022 14:18	Soil suitable to remain in-situ	13.31	<lod< td=""><td>10.24</td><td><lod< td=""><td>190.79</td><td><lod< td=""><td>13.82</td></lod<></td></lod<></td></lod<>	10.24	<lod< td=""><td>190.79</td><td><lod< td=""><td>13.82</td></lod<></td></lod<>	190.79	<lod< td=""><td>13.82</td></lod<>	13.82	
366	16/06/2022 14:18	Soil suitable to remain in-situ	22.49	10.6	6.2	<lod< td=""><td>163.4</td><td>13.96</td><td>8.01</td></lod<>	163.4	13.96	8.01	
367	16/06/2022 14:19	Soil suitable to remain in-situ	18.9	<lod< td=""><td>8.93</td><td><lod< td=""><td>152.55</td><td><lod< td=""><td>12.07</td></lod<></td></lod<></td></lod<>	8.93	<lod< td=""><td>152.55</td><td><lod< td=""><td>12.07</td></lod<></td></lod<>	152.55	<lod< td=""><td>12.07</td></lod<>	12.07	
368	16/06/2022 14:19	Soil suitable to remain in-situ	18.1	<lod< td=""><td>8.91</td><td><lod< td=""><td>171.82</td><td>17.34</td><td>8.57</td></lod<></td></lod<>	8.91	<lod< td=""><td>171.82</td><td>17.34</td><td>8.57</td></lod<>	171.82	17.34	8.57	
369 370	16/06/2022 14:20 16/06/2022 14:20	Soil suitable to remain in-situ Soil suitable to remain in-situ	30.08 11.32	<lod <lod< td=""><td>7.57 11.28</td><td><lod <lod< td=""><td>128.83 200.67</td><td>15.97 <lod< td=""><td>6.83 15.35</td></lod<></td></lod<></lod </td></lod<></lod 	7.57 11.28	<lod <lod< td=""><td>128.83 200.67</td><td>15.97 <lod< td=""><td>6.83 15.35</td></lod<></td></lod<></lod 	128.83 200.67	15.97 <lod< td=""><td>6.83 15.35</td></lod<>	6.83 15.35	
370	16/06/2022 14:21	Soil suitable to remain in-situ	11.32	<lod <lod< td=""><td>10.88</td><td><lod <lod< td=""><td>192.06</td><td><lod <lod< td=""><td>14.89</td></lod<></lod </td></lod<></lod </td></lod<></lod 	10.88	<lod <lod< td=""><td>192.06</td><td><lod <lod< td=""><td>14.89</td></lod<></lod </td></lod<></lod 	192.06	<lod <lod< td=""><td>14.89</td></lod<></lod 	14.89	
371	16/06/2022 14:21	Soil suitable to remain in-situ	12.92	<lod <lod< td=""><td>11</td><td><lod <lod< td=""><td>212.28</td><td><lod <lod< td=""><td>15.17</td></lod<></lod </td></lod<></lod </td></lod<></lod 	11	<lod <lod< td=""><td>212.28</td><td><lod <lod< td=""><td>15.17</td></lod<></lod </td></lod<></lod 	212.28	<lod <lod< td=""><td>15.17</td></lod<></lod 	15.17	
373	16/06/2022 14:21	Soil suitable to remain in-situ	11.33	<lod <lod< td=""><td>9.97</td><td><lod< td=""><td>186.64</td><td><lod< td=""><td>13.33</td></lod<></td></lod<></td></lod<></lod 	9.97	<lod< td=""><td>186.64</td><td><lod< td=""><td>13.33</td></lod<></td></lod<>	186.64	<lod< td=""><td>13.33</td></lod<>	13.33	
374	16/06/2022 14:23	Soil suitable to remain in-situ	21.7	10.23	5.34	<lod< td=""><td>151.99</td><td><lod< td=""><td>10.25</td></lod<></td></lod<>	151.99	<lod< td=""><td>10.25</td></lod<>	10.25	
375	16/06/2022 14:23	Soil suitable to remain in-situ	15.31	<lod< td=""><td>10.23</td><td><lod< td=""><td>196.86</td><td><lod< td=""><td>14.14</td></lod<></td></lod<></td></lod<>	10.23	<lod< td=""><td>196.86</td><td><lod< td=""><td>14.14</td></lod<></td></lod<>	196.86	<lod< td=""><td>14.14</td></lod<>	14.14	
376	16/06/2022 14:23	Soil suitable to remain in-situ	17.31	<lod< td=""><td>9.61</td><td><lod< td=""><td>173.77</td><td><lod< td=""><td>12.5</td></lod<></td></lod<></td></lod<>	9.61	<lod< td=""><td>173.77</td><td><lod< td=""><td>12.5</td></lod<></td></lod<>	173.77	<lod< td=""><td>12.5</td></lod<>	12.5	
377	16/06/2022 14:24	Soil suitable to remain in-situ	22.5	10.29	5.87	<lod< td=""><td>156.6</td><td><lod< td=""><td>11.38</td></lod<></td></lod<>	156.6	<lod< td=""><td>11.38</td></lod<>	11.38	
378	16/06/2022 14:24	Soil suitable to remain in-situ	13.32	<lod< td=""><td>10.18</td><td><lod< td=""><td>179.74</td><td><lod< td=""><td>13.66</td></lod<></td></lod<></td></lod<>	10.18	<lod< td=""><td>179.74</td><td><lod< td=""><td>13.66</td></lod<></td></lod<>	179.74	<lod< td=""><td>13.66</td></lod<>	13.66	
379	16/06/2022 14:25	Soil suitable to remain in-situ	15.31	<lod< td=""><td>10.39</td><td><lod< td=""><td>183.96</td><td>14.18</td><td>9.24</td></lod<></td></lod<>	10.39	<lod< td=""><td>183.96</td><td>14.18</td><td>9.24</td></lod<>	183.96	14.18	9.24	
380	16/06/2022 14:25	Soil suitable to remain in-situ	15.32	<lod< td=""><td>9.55</td><td><lod< td=""><td>180.78</td><td><lod< td=""><td>13.52</td></lod<></td></lod<></td></lod<>	9.55	<lod< td=""><td>180.78</td><td><lod< td=""><td>13.52</td></lod<></td></lod<>	180.78	<lod< td=""><td>13.52</td></lod<>	13.52	
381	16/06/2022 14:25	Soil suitable to remain in-situ	15.71	<lod< td=""><td>10.08</td><td><lod< td=""><td>170.26</td><td><lod< td=""><td>13.21</td></lod<></td></lod<></td></lod<>	10.08	<lod< td=""><td>170.26</td><td><lod< td=""><td>13.21</td></lod<></td></lod<>	170.26	<lod< td=""><td>13.21</td></lod<>	13.21	
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383 384	16/06/2022 14:26 16/06/2022 14:27	Soil suitable to remain in-situ	14.11 17.71	<lod <lod< td=""><td>10.12 8.81</td><td><lod <lod< td=""><td>177.94 169.54</td><td><lod <lod< td=""><td>13.55 12.43</td></lod<></lod </td></lod<></lod </td></lod<></lod 	10.12 8.81	<lod <lod< td=""><td>177.94 169.54</td><td><lod <lod< td=""><td>13.55 12.43</td></lod<></lod </td></lod<></lod 	177.94 169.54	<lod <lod< td=""><td>13.55 12.43</td></lod<></lod 	13.55 12.43	
385	16/06/2022 14:27	Soil suitable to remain in-situ Soil suitable to remain in-situ	20.9	<lod <lod< td=""><td>9.03</td><td><lod <lod< td=""><td>151.74</td><td>15.55</td><td>7.88</td></lod<></lod </td></lod<></lod 	9.03	<lod <lod< td=""><td>151.74</td><td>15.55</td><td>7.88</td></lod<></lod 	151.74	15.55	7.88	
386	16/06/2022 14:28	Soil suitable to remain in-situ	16.51	<lod <lod< td=""><td>10.04</td><td><lod <lod< td=""><td>184.16</td><td><lod< td=""><td>13.41</td></lod<></td></lod<></lod </td></lod<></lod 	10.04	<lod <lod< td=""><td>184.16</td><td><lod< td=""><td>13.41</td></lod<></td></lod<></lod 	184.16	<lod< td=""><td>13.41</td></lod<>	13.41	
387	16/06/2022 14:28	Soil suitable to remain in-situ	15.31	<lod <lod< td=""><td>9.74</td><td><lod <lod< td=""><td>168.81</td><td><lod <lod< td=""><td>12.69</td></lod<></lod </td></lod<></lod </td></lod<></lod 	9.74	<lod <lod< td=""><td>168.81</td><td><lod <lod< td=""><td>12.69</td></lod<></lod </td></lod<></lod 	168.81	<lod <lod< td=""><td>12.69</td></lod<></lod 	12.69	
388	16/06/2022 14:29	Soil suitable to remain in-situ	15.31	<lod< td=""><td>9.84</td><td><lod< td=""><td>191.29</td><td><lod< td=""><td>13.52</td></lod<></td></lod<></td></lod<>	9.84	<lod< td=""><td>191.29</td><td><lod< td=""><td>13.52</td></lod<></td></lod<>	191.29	<lod< td=""><td>13.52</td></lod<>	13.52	
			18.91	11.39	6.43	<lod< td=""><td>171.43</td><td><lod< td=""><td>12.31</td></lod<></td></lod<>	171.43	<lod< td=""><td>12.31</td></lod<>	12.31	

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390	16/06/2022 14:30	Soil suitable to remain in-situ	18.51	<lod< td=""><td>9.34</td><td><lod< td=""><td>164.75</td><td>15.92</td><td>8.56</td></lod<></td></lod<>	9.34	<lod< td=""><td>164.75</td><td>15.92</td><td>8.56</td></lod<>	164.75	15.92	8.56
391	16/06/2022 14:30	Soil suitable to remain in-situ	21.7	9.06	5.76	<lod< td=""><td>148.21</td><td>12.07</td><td>7.52</td></lod<>	148.21	12.07	7.52
392	16/06/2022 14:31	Soil suitable to remain in-situ	16.12	11.62	7.06	<lod< td=""><td>171.88</td><td><lod< td=""><td>13.55</td></lod<></td></lod<>	171.88	<lod< td=""><td>13.55</td></lod<>	13.55
393	16/06/2022 14:31	Soil suitable to remain in-situ	23.29	<lod< td=""><td>7.58</td><td><lod< td=""><td>139.91</td><td>12.8</td><td>7.02</td></lod<></td></lod<>	7.58	<lod< td=""><td>139.91</td><td>12.8</td><td>7.02</td></lod<>	139.91	12.8	7.02
394	16/06/2022 14:31	Soil suitable to remain in-situ	16.11	9.92	6.39	<lod< td=""><td>173.5</td><td><lod< td=""><td>12.33</td></lod<></td></lod<>	173.5	<lod< td=""><td>12.33</td></lod<>	12.33
395	16/06/2022 14:32	Soil suitable to remain in-situ	16.91	<lod< td=""><td>10.48</td><td><lod< td=""><td>186.4</td><td>16.47</td><td>9.52</td></lod<></td></lod<>	10.48	<lod< td=""><td>186.4</td><td>16.47</td><td>9.52</td></lod<>	186.4	16.47	9.52
396	16/06/2022 14:32	Soil suitable to remain in-situ	17.31	<lod< td=""><td>9.63</td><td><lod< td=""><td>178.97</td><td><lod< td=""><td>13.07</td></lod<></td></lod<></td></lod<>	9.63	<lod< td=""><td>178.97</td><td><lod< td=""><td>13.07</td></lod<></td></lod<>	178.97	<lod< td=""><td>13.07</td></lod<>	13.07
397	16/06/2022 14:33	Soil suitable to remain in-situ	30.07	12.09	4.67	<lod< td=""><td>125.25</td><td><lod< td=""><td>8.81</td></lod<></td></lod<>	125.25	<lod< td=""><td>8.81</td></lod<>	8.81
398	16/06/2022 14:33	Soil suitable to remain in-situ	16.91	12.84	6.99	<lod< td=""><td>165.32</td><td><lod< td=""><td>13.19</td></lod<></td></lod<>	165.32	<lod< td=""><td>13.19</td></lod<>	13.19
399	16/06/2022 14:34	Soil suitable to remain in-situ	30.56	9.12	5.24	<lod< td=""><td>129.2</td><td><lod< td=""><td>10.2</td></lod<></td></lod<>	129.2	<lod< td=""><td>10.2</td></lod<>	10.2
400	16/06/2022 14:35	Soil suitable to remain in-situ	18.1	<lod< td=""><td>8.86</td><td><lod< td=""><td>155.92</td><td><lod< td=""><td>11.99</td></lod<></td></lod<></td></lod<>	8.86	<lod< td=""><td>155.92</td><td><lod< td=""><td>11.99</td></lod<></td></lod<>	155.92	<lod< td=""><td>11.99</td></lod<>	11.99
401	16/06/2022 14:36	Soil suitable to remain in-situ	15.7	<lod< td=""><td>10.23</td><td><lod< td=""><td>173.79</td><td>14.85</td><td>9.21</td></lod<></td></lod<>	10.23	<lod< td=""><td>173.79</td><td>14.85</td><td>9.21</td></lod<>	173.79	14.85	9.21
402	16/06/2022 14:36	Soil suitable to remain in-situ	15.31	<lod< td=""><td>9.65</td><td><lod< td=""><td>175.01</td><td><lod< td=""><td>12.78</td></lod<></td></lod<></td></lod<>	9.65	<lod< td=""><td>175.01</td><td><lod< td=""><td>12.78</td></lod<></td></lod<>	175.01	<lod< td=""><td>12.78</td></lod<>	12.78
403	16/06/2022 14:36	Soil suitable to remain in-situ	16.51	<lod< td=""><td>9.81</td><td><lod< td=""><td>170.2</td><td><lod< td=""><td>13.25</td></lod<></td></lod<></td></lod<>	9.81	<lod< td=""><td>170.2</td><td><lod< td=""><td>13.25</td></lod<></td></lod<>	170.2	<lod< td=""><td>13.25</td></lod<>	13.25
404	16/06/2022 14:37	Soil suitable to remain in-situ	13.71	<lod< td=""><td>9.41</td><td><lod< td=""><td>180.86</td><td><lod< td=""><td>13.49</td></lod<></td></lod<></td></lod<>	9.41	<lod< td=""><td>180.86</td><td><lod< td=""><td>13.49</td></lod<></td></lod<>	180.86	<lod< td=""><td>13.49</td></lod<>	13.49
405	16/06/2022 14:38	Soil suitable to remain in-situ	15.31	<lod< td=""><td>10.12</td><td><lod< td=""><td>207.07</td><td><lod< td=""><td>13.87</td></lod<></td></lod<></td></lod<>	10.12	<lod< td=""><td>207.07</td><td><lod< td=""><td>13.87</td></lod<></td></lod<>	207.07	<lod< td=""><td>13.87</td></lod<>	13.87
406	16/06/2022 14:38	Soil excavated and disposed at Burwood Landfill	30.08	16.08	5.25	<lod< td=""><td>140.43</td><td><lod< td=""><td>9.6</td></lod<></td></lod<>	140.43	<lod< td=""><td>9.6</td></lod<>	9.6
407	16/06/2022 14:39	Soil excavated and disposed at Burwood Landfill	19.7	15.35	5.99	<lod< td=""><td>145.87</td><td><lod< td=""><td>10.92</td></lod<></td></lod<>	145.87	<lod< td=""><td>10.92</td></lod<>	10.92
408	16/06/2022 14:39	Soil suitable to remain in-situ	14.11	<lod< td=""><td>9.4</td><td><lod< td=""><td>172.9</td><td>13.88</td><td>9.05</td></lod<></td></lod<>	9.4	<lod< td=""><td>172.9</td><td>13.88</td><td>9.05</td></lod<>	172.9	13.88	9.05
409	16/06/2022 14:39	Soil suitable to remain in-situ	15.71	10.21	6.31	<lod< td=""><td>157.02</td><td><lod< td=""><td>12.19</td></lod<></td></lod<>	157.02	<lod< td=""><td>12.19</td></lod<>	12.19
410	16/06/2022 14:40	Soil suitable to remain in-situ	16.91	<lod< td=""><td>11.15</td><td><lod< td=""><td>197.23</td><td>16.93</td><td>10.08</td></lod<></td></lod<>	11.15	<lod< td=""><td>197.23</td><td>16.93</td><td>10.08</td></lod<>	197.23	16.93	10.08
411	16/06/2022 14:41	Soil suitable to remain in-situ	25.69	9.6	5.52	<lod< td=""><td>169.66</td><td><lod< td=""><td>10.63</td></lod<></td></lod<>	169.66	<lod< td=""><td>10.63</td></lod<>	10.63
412	16/06/2022 14:41	Soil suitable to remain in-situ	15.31	<lod< td=""><td>9.4</td><td><lod< td=""><td>174.26</td><td><lod< td=""><td>12.75</td></lod<></td></lod<></td></lod<>	9.4	<lod< td=""><td>174.26</td><td><lod< td=""><td>12.75</td></lod<></td></lod<>	174.26	<lod< td=""><td>12.75</td></lod<>	12.75
413	16/06/2022 14:41	Soil suitable to remain in-situ	19.3	<lod< td=""><td>9.98</td><td><lod< td=""><td>180.43</td><td>13.67</td><td>8.91</td></lod<></td></lod<>	9.98	<lod< td=""><td>180.43</td><td>13.67</td><td>8.91</td></lod<>	180.43	13.67	8.91
414	16/06/2022 14:42	Soil suitable to remain in-situ	18.91	<lod< td=""><td>9.43</td><td><lod< td=""><td>173.43</td><td>14.41</td><td>9.12</td></lod<></td></lod<>	9.43	<lod< td=""><td>173.43</td><td>14.41</td><td>9.12</td></lod<>	173.43	14.41	9.12
415	16/06/2022 14:42	Soil suitable to remain in-situ	16.5	10.51	6.76	<lod< td=""><td>175.49</td><td><lod< td=""><td>12.91</td></lod<></td></lod<>	175.49	<lod< td=""><td>12.91</td></lod<>	12.91
416	16/06/2022 14:43	Soil suitable to remain in-situ	30.07	9.04	4.85	<lod< td=""><td>134.7</td><td><lod< td=""><td>9.42</td></lod<></td></lod<>	134.7	<lod< td=""><td>9.42</td></lod<>	9.42
417	16/06/2022 14:44	Soil suitable to remain in-situ	23.69	11.05	5.54	<lod< td=""><td>141.33</td><td><lod< td=""><td>10.62</td></lod<></td></lod<>	141.33	<lod< td=""><td>10.62</td></lod<>	10.62
418	16/06/2022 14:44	Soil suitable to remain in-situ	23.69	12.08	5.33	<lod< td=""><td>140.55</td><td><lod< td=""><td>10.18</td></lod<></td></lod<>	140.55	<lod< td=""><td>10.18</td></lod<>	10.18
419	16/06/2022 14:45	Soil suitable to remain in-situ	20.89	<lod< td=""><td>7.85</td><td><lod< td=""><td>135.53</td><td><lod< td=""><td>10.44</td></lod<></td></lod<></td></lod<>	7.85	<lod< td=""><td>135.53</td><td><lod< td=""><td>10.44</td></lod<></td></lod<>	135.53	<lod< td=""><td>10.44</td></lod<>	10.44
420	16/06/2022 14:46	Soil suitable to remain in-situ	17.31	<lod< td=""><td>9.26</td><td><lod< td=""><td>151.21</td><td>12.92</td><td>8.52</td></lod<></td></lod<>	9.26	<lod< td=""><td>151.21</td><td>12.92</td><td>8.52</td></lod<>	151.21	12.92	8.52
421	16/06/2022 14:46	Soil suitable to remain in-situ	23.69	9.42	5.04	<lod< td=""><td>130.27</td><td><lod< td=""><td>9.78</td></lod<></td></lod<>	130.27	<lod< td=""><td>9.78</td></lod<>	9.78
422	16/06/2022 14:47	Soil excavated and disposed at Burwood Landfill	30.17	18.16	5.84	<lod< td=""><td>141.89</td><td><lod< td=""><td>10.57</td></lod<></td></lod<>	141.89	<lod< td=""><td>10.57</td></lod<>	10.57
423	16/06/2022 14:47	Soil suitable to remain in-situ	17.71	10.02	6.19	<lod< td=""><td>163.28</td><td><lod< td=""><td>11.98</td></lod<></td></lod<>	163.28	<lod< td=""><td>11.98</td></lod<>	11.98
424	16/06/2022 14:48	Soil excavated and disposed at Burwood Landfill	30.08	17.55	5.19	<lod< td=""><td>128.02</td><td><lod< td=""><td>9.38</td></lod<></td></lod<>	128.02	<lod< td=""><td>9.38</td></lod<>	9.38
425	16/06/2022 14:49	Soil suitable to remain in-situ	30.08	11.57	4.34	<lod< td=""><td>111.74</td><td><lod< td=""><td>8.24</td></lod<></td></lod<>	111.74	<lod< td=""><td>8.24</td></lod<>	8.24
426	16/06/2022 14:49	Soil suitable to remain in-situ	30.07	14.86	5.16	<lod< td=""><td>137.66</td><td><lod< td=""><td>9.34</td></lod<></td></lod<>	137.66	<lod< td=""><td>9.34</td></lod<>	9.34
427	16/06/2022 14:50	Soil suitable to remain in-situ	21.3	10.54	5.56	<lod <lod< td=""><td>144.35</td><td><lod< td=""><td>10.68</td></lod<></td></lod<></lod 	144.35	<lod< td=""><td>10.68</td></lod<>	10.68
428	16/06/2022 14:50	Soil suitable to remain in-situ	13.72	<lod< td=""><td>9.05</td><td><lod< td=""><td>181.96</td><td><lod< td=""><td>11.83</td></lod<></td></lod<></td></lod<>	9.05	<lod< td=""><td>181.96</td><td><lod< td=""><td>11.83</td></lod<></td></lod<>	181.96	<lod< td=""><td>11.83</td></lod<>	11.83
429	16/06/2022 14:51	Soil suitable to remain in-situ	14.92	12.9	5.96	<lod< td=""><td>153.71</td><td><lod< td=""><td>10.94</td></lod<></td></lod<>	153.71	<lod< td=""><td>10.94</td></lod<>	10.94
430	16/06/2022 14:51	Soil suitable to remain in-situ	12.12	<lod< td=""><td>10.6</td><td><lod <lod< td=""><td>183.11</td><td>15.52</td><td>9.58</td></lod<></lod </td></lod<>	10.6	<lod <lod< td=""><td>183.11</td><td>15.52</td><td>9.58</td></lod<></lod 	183.11	15.52	9.58
431	16/06/2022 14:52	Soil suitable to remain in-situ	14.12	<lod <lod< td=""><td>9.59</td><td><lod <lod< td=""><td>178.2</td><td><lod< td=""><td>13.16</td></lod<></td></lod<></lod </td></lod<></lod 	9.59	<lod <lod< td=""><td>178.2</td><td><lod< td=""><td>13.16</td></lod<></td></lod<></lod 	178.2	<lod< td=""><td>13.16</td></lod<>	13.16
432	16/06/2022 14:52	Soil suitable to remain in-situ	11.33	<lod <lod< td=""><td>9.96</td><td><lod <lod< td=""><td>166.22</td><td><lod< td=""><td>13.57</td></lod<></td></lod<></lod </td></lod<></lod 	9.96	<lod <lod< td=""><td>166.22</td><td><lod< td=""><td>13.57</td></lod<></td></lod<></lod 	166.22	<lod< td=""><td>13.57</td></lod<>	13.57
433	16/06/2022 14:52	Soil suitable to remain in-situ	15.31	9.75	6.41	<lod <lod< td=""><td>173.65</td><td><lod <lod< td=""><td>12.48</td></lod<></lod </td></lod<></lod 	173.65	<lod <lod< td=""><td>12.48</td></lod<></lod 	12.48
434	16/06/2022 14:53	Soil suitable to remain in-situ	30.08	14.44	4.88	<lod <lod< td=""><td>114.84</td><td>11.25</td><td>6.07</td></lod<></lod 	114.84	11.25	6.07
435	16/06/2022 14:53	Soil excavated and disposed at Burwood Landfill	20.1	21.38	5.47	<lod <lod< td=""><td>123.86</td><td><lod< td=""><td>9.37</td></lod<></td></lod<></lod 	123.86	<lod< td=""><td>9.37</td></lod<>	9.37
436	16/06/2022 14:57	Stockpile testing - Suitable for disposal at Burwood Landfill	10.12	<lod< td=""><td>13.07</td><td><lod <lod< td=""><td>242.38</td><td><lod <lod< td=""><td>17.37</td></lod<></lod </td></lod<></lod </td></lod<>	13.07	<lod <lod< td=""><td>242.38</td><td><lod <lod< td=""><td>17.37</td></lod<></lod </td></lod<></lod 	242.38	<lod <lod< td=""><td>17.37</td></lod<></lod 	17.37
437	16/06/2022 14:57	Stockpile testing - Suitable for disposal at Burwood Landfill	7.73	<lod <lod< td=""><td>14.32</td><td><lod <lod< td=""><td>258.4</td><td><lod< td=""><td>18.18</td></lod<></td></lod<></lod </td></lod<></lod 	14.32	<lod <lod< td=""><td>258.4</td><td><lod< td=""><td>18.18</td></lod<></td></lod<></lod 	258.4	<lod< td=""><td>18.18</td></lod<>	18.18
438	16/06/2022 14:58	Stockpile testing - Suitable for disposal at Burwood Landfill	8.92	18.8		<lod <lod< td=""><td>249.22</td><td><lod <lod< td=""><td>18.49</td></lod<></lod </td></lod<></lod 	249.22	<lod <lod< td=""><td>18.49</td></lod<></lod 	18.49
439	16/06/2022 14:58	Stockpile testing - Suitable for disposal at Burwood Landfill  Stockpile testing - Suitable for disposal at Burwood Landfill	9.73	20.91	10.13 8.85	<lod <lod< td=""><td>234.63</td><td><lod <lod< td=""><td>15.24</td></lod<></lod </td></lod<></lod 	234.63	<lod <lod< td=""><td>15.24</td></lod<></lod 	15.24
440	16/06/2022 14:59	Stockpile testing - Suitable for disposal at Burwood Landfill  Stockpile testing - Suitable for disposal at Burwood Landfill	12.92	<lod< td=""><td>12.35</td><td><lod <lod< td=""><td>211.22</td><td><lod <lod< td=""><td>15.24</td></lod<></lod </td></lod<></lod </td></lod<>	12.35	<lod <lod< td=""><td>211.22</td><td><lod <lod< td=""><td>15.24</td></lod<></lod </td></lod<></lod 	211.22	<lod <lod< td=""><td>15.24</td></lod<></lod 	15.24
441	16/06/2022 14:59	Stockpile testing - Suitable for disposal at Burwood Landfill  Stockpile testing - Suitable for disposal at Burwood Landfill	13.32	24.12	9.04	<lod <lod< td=""><td>213.11</td><td><lod <lod< td=""><td>15.9</td></lod<></lod </td></lod<></lod 	213.11	<lod <lod< td=""><td>15.9</td></lod<></lod 	15.9
441	16/06/2022 14:59	Stockpile testing - Suitable for disposal at Burwood Landfill  Stockpile testing - Suitable for disposal at Burwood Landfill	9.33	<lod< td=""><td>14.83</td><td><lod <lod< td=""><td>282.33</td><td><lod <lod< td=""><td>19.85</td></lod<></lod </td></lod<></lod </td></lod<>	14.83	<lod <lod< td=""><td>282.33</td><td><lod <lod< td=""><td>19.85</td></lod<></lod </td></lod<></lod 	282.33	<lod <lod< td=""><td>19.85</td></lod<></lod 	19.85
442	16/06/2022 14:59	Stockpile testing - Suitable for disposal at Burwood Landfill  Stockpile testing - Suitable for disposal at Burwood Landfill	16.5	31.8	8.47	<lod <lod< td=""><td>180.73</td><td>16.81</td><td>9.53</td></lod<></lod 	180.73	16.81	9.53
443	16/06/2022 14:59	1 0 1	12.11			<lod <lod< td=""><td>231.68</td><td><lod< td=""><td></td></lod<></td></lod<></lod 	231.68	<lod< td=""><td></td></lod<>	
444	16/06/2022 15:00	Stockpile testing - Suitable for disposal at Burwood Landfill Stockpile testing - Suitable for disposal at Burwood Landfill	16.12	15.47 11.48	8.25 6.57	<lod <lod< td=""><td>165.4</td><td><lod <lod< td=""><td>15.29 12.56</td></lod<></lod </td></lod<></lod 	165.4	<lod <lod< td=""><td>15.29 12.56</td></lod<></lod 	15.29 12.56
445	16/06/2022 15:00	<u> </u>							
		Stockpile testing - Suitable for disposal at Burwood Landfill	10.13	27.09	9.85	<lod< td=""><td>225.93</td><td><lod< td=""><td>16.91</td></lod<></td></lod<>	225.93	<lod< td=""><td>16.91</td></lod<>	16.91
447	16/06/2022 15:01	Stockpile testing - Suitable for disposal at Burwood Landfill	15.7	14.56	8.77	<lod< td=""><td>223.85</td><td><lod< td=""><td>16.42</td></lod<></td></lod<>	223.85	<lod< td=""><td>16.42</td></lod<>	16.42
448	16/06/2022 15:01	Stockpile testing - Suitable for disposal at Burwood Landfill	14.12	<lod< td=""><td>12.41</td><td><lod< td=""><td>230.2</td><td><lod< td=""><td>16.51</td></lod<></td></lod<></td></lod<>	12.41	<lod< td=""><td>230.2</td><td><lod< td=""><td>16.51</td></lod<></td></lod<>	230.2	<lod< td=""><td>16.51</td></lod<>	16.51
449	16/06/2022 15:01	Stockpile testing - Suitable for disposal at Burwood Landfill	13.33	16.24	10.03	<lod< td=""><td>202.89</td><td>43.16</td><td>12.82</td></lod<>	202.89	43.16	12.82
450	16/06/2022 15:02	Stockpile testing - Suitable for disposal at Burwood Landfill	16.91	15.81	7.08	<lod< td=""><td>178.15</td><td><lod< td=""><td>13.23</td></lod<></td></lod<>	178.15	<lod< td=""><td>13.23</td></lod<>	13.23
451	16/06/2022 15:02	Stockpile testing - Suitable for disposal at Burwood Landfill	11.73	<lod< td=""><td>12.44</td><td><lod< td=""><td>212.05</td><td><lod< td=""><td>16.82</td></lod<></td></lod<></td></lod<>	12.44	<lod< td=""><td>212.05</td><td><lod< td=""><td>16.82</td></lod<></td></lod<>	212.05	<lod< td=""><td>16.82</td></lod<>	16.82
452	16/06/2022 15:02	Stockpile testing - Suitable for disposal at Burwood Landfill	16.11	<lod< td=""><td>12.09</td><td><lod< td=""><td>225.26</td><td><lod< td=""><td>15.73</td></lod<></td></lod<></td></lod<>	12.09	<lod< td=""><td>225.26</td><td><lod< td=""><td>15.73</td></lod<></td></lod<>	225.26	<lod< td=""><td>15.73</td></lod<>	15.73
453	16/06/2022 15:02	Stockpile testing - Suitable for disposal at Burwood Landfill	18.51	<lod< td=""><td>10.21</td><td><lod< td=""><td>167.97</td><td><lod< td=""><td>13.6</td></lod<></td></lod<></td></lod<>	10.21	<lod< td=""><td>167.97</td><td><lod< td=""><td>13.6</td></lod<></td></lod<>	167.97	<lod< td=""><td>13.6</td></lod<>	13.6
454	16/06/2022 15:03	Stockpile testing - Suitable for disposal at Burwood Landfill	30.36	55.02	6.78	185.08	94.31	20.87	6.83
455	16/06/2022 15:03	Stockpile testing - Suitable for disposal at Burwood Landfill	22.02	25.87	7.02	<lod< td=""><td>165.2</td><td>15.22</td><td>8.17</td></lod<>	165.2	15.22	8.17
456	16/06/2022 15:04	Stockpile testing - Suitable for disposal at Burwood Landfill	22.87	29.8	6.87	<lod< td=""><td>159.2</td><td>13.19</td><td>7.77</td></lod<>	159.2	13.19	7.77
457	16/06/2022 15:04	Stockpile testing - Suitable for disposal at Burwood Landfill	17.31	<lod< td=""><td>9.77</td><td><lod< td=""><td>183.03</td><td><lod< td=""><td>13.31</td></lod<></td></lod<></td></lod<>	9.77	<lod< td=""><td>183.03</td><td><lod< td=""><td>13.31</td></lod<></td></lod<>	183.03	<lod< td=""><td>13.31</td></lod<>	13.31
458	16/06/2022 15:05	Stockpile testing - Suitable for disposal at Burwood Landfill	30.07	25.09	5.69	160.81	103.9	<lod< td=""><td>9.51</td></lod<>	9.51
459	16/06/2022 15:05	Stockpile testing - Suitable for disposal at Burwood Landfill	20.49	50.51	9.19	290.75	140.4	19.24	9.52
460	16/06/2022 15:06	Stockpile testing - Suitable for disposal at Burwood Landfill	25.62	21.27	6.45	<lod< td=""><td>142.79</td><td>25.27</td><td>7.85</td></lod<>	142.79	25.27	7.85
461	16/06/2022 15:06	Stockpile testing - Suitable for disposal at Burwood Landfill	30.07	38.97	6.37	<lod< td=""><td>151.73</td><td><lod< td=""><td>9.91</td></lod<></td></lod<>	151.73	<lod< td=""><td>9.91</td></lod<>	9.91
462	16/06/2022 15:07	Stockpile testing - Suitable for disposal at Burwood Landfill	20.84	14.98	7.31	<lod< td=""><td>172.47</td><td>27.38</td><td>9.31</td></lod<>	172.47	27.38	9.31

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463	16/06/2022 15:07	Stockpile testing - Suitable for disposal at Burwood Landfill	16.11	12.09	7.32	<lod< td=""><td>207.95</td><td><lod< td=""><td>14.01</td></lod<></td></lod<>	207.95	<lod< td=""><td>14.01</td></lod<>	14.01
464	16/06/2022 15:08	Stockpile testing - Suitable for disposal at Burwood Landfill	19.3	14.99	6.24	<lod< td=""><td>160.57</td><td><lod< td=""><td>11.58</td></lod<></td></lod<>	160.57	<lod< td=""><td>11.58</td></lod<>	11.58
465	16/06/2022 15:08	Stockpile testing - Suitable for disposal at Burwood Landfill	14.12	16.81	7.82	<lod< td=""><td>205.98</td><td><lod< td=""><td>14.38</td></lod<></td></lod<>	205.98	<lod< td=""><td>14.38</td></lod<>	14.38
466	16/06/2022 15:08	Stockpile testing - Suitable for disposal at Burwood Landfill	26.07	46.55	7.04	<lod< td=""><td>149.98</td><td>12.42</td><td>7.19</td></lod<>	149.98	12.42	7.19
467	16/06/2022 15:09	Stockpile testing - Suitable for disposal at Burwood Landfill	19.3	15.39	6.86	<lod< td=""><td>170.06</td><td>15.18</td><td>8.58</td></lod<>	170.06	15.18	8.58
468	16/06/2022 15:09	Stockpile testing - Suitable for disposal at Burwood Landfill	21.7	30.49	6.6	<lod< td=""><td>152.75</td><td><lod< td=""><td>10.95</td></lod<></td></lod<>	152.75	<lod< td=""><td>10.95</td></lod<>	10.95
469	16/06/2022 15:10	Stockpile testing - Suitable for disposal at Burwood Landfill	18.1	37.58	7.42	<lod< td=""><td>154.64</td><td><lod< td=""><td>11.47</td></lod<></td></lod<>	154.64	<lod< td=""><td>11.47</td></lod<>	11.47
470	16/06/2022 15:10	Stockpile testing - Suitable for disposal at Burwood Landfill	21.7	17.82	6.33	<lod< td=""><td>160.97</td><td>13.8</td><td>7.74</td></lod<>	160.97	13.8	7.74
471	16/06/2022 15:11	Stockpile testing - Suitable for disposal at Burwood Landfill	30.02	58.78	7	<lod< td=""><td>144.09</td><td>12.12</td><td>6.72</td></lod<>	144.09	12.12	6.72
472	16/06/2022 15:11	Stockpile testing - Suitable for disposal at Burwood Landfill	30.34	31.35	6.55	<lod< td=""><td>151.97</td><td>20.83</td><td>7.47</td></lod<>	151.97	20.83	7.47
473	16/06/2022 15:12	Stockpile testing - Suitable for disposal at Burwood Landfill	24.44	18.2	6.79	<lod< td=""><td>174.76</td><td>12.83</td><td>8.34</td></lod<>	174.76	12.83	8.34
474	16/06/2022 15:12	Stockpile testing - Soil remixed and retested	29.77	136.03	10.09	487.85	118.46	35.43	8.3
475	16/06/2022 15:13	Stockpile testing - Suitable for disposal at Burwood Landfill	19.7	<lod< td=""><td>10.58</td><td><lod< td=""><td>196.24</td><td><lod< td=""><td>13.77</td></lod<></td></lod<></td></lod<>	10.58	<lod< td=""><td>196.24</td><td><lod< td=""><td>13.77</td></lod<></td></lod<>	196.24	<lod< td=""><td>13.77</td></lod<>	13.77
476	16/06/2022 15:13	Stockpile testing - Suitable for disposal at Burwood Landfill	19.71	19.04	7.38	<lod< td=""><td>174.74</td><td>20.53</td><td>9.07</td></lod<>	174.74	20.53	9.07
477	16/06/2022 15:13	Stockpile testing - Suitable for disposal at Burwood Landfill	14.52	17.55	8.35	<lod< td=""><td>195.05</td><td><lod< td=""><td>15.19</td></lod<></td></lod<>	195.05	<lod< td=""><td>15.19</td></lod<>	15.19
478	16/06/2022 15:14	Stockpile testing - Soil remixed and retested	30.35	222.83	11.31	709.32	118.33	23.02	7.23
479	16/06/2022 15:14	Stockpile testing - Soil remixed and retested	25.12	98.33	8.51	268.36	103.15	13.86	6.94
480	16/06/2022 15:15	Stockpile testing - Suitable for disposal at Burwood Landfill	14.91	38.22	9.09	<lod< td=""><td>211.67</td><td>14.87</td><td>9.75</td></lod<>	211.67	14.87	9.75
481	16/06/2022 15:15		11.33	15.45	9.74	<lod <lod< td=""><td>223.34</td><td><lod< td=""><td>18.07</td></lod<></td></lod<></lod 	223.34	<lod< td=""><td>18.07</td></lod<>	18.07
		Stockpile testing - Suitable for disposal at Burwood Landfill							
482	16/06/2022 15:15	Stockpile testing - Suitable for disposal at Burwood Landfill	13.32	<lod< td=""><td>13.73</td><td><lod< td=""><td>248.07</td><td><lod< td=""><td>17.41</td></lod<></td></lod<></td></lod<>	13.73	<lod< td=""><td>248.07</td><td><lod< td=""><td>17.41</td></lod<></td></lod<>	248.07	<lod< td=""><td>17.41</td></lod<>	17.41
483	16/06/2022 15:16	Stockpile testing - Suitable for disposal at Burwood Landfill	19.28	17.12	7.49	<lod< td=""><td>192.9</td><td>15.89</td><td>9.23</td></lod<>	192.9	15.89	9.23
484	16/06/2022 15:16	Stockpile testing - Suitable for disposal at Burwood Landfill	16.51	22.03	8.83	<lod< td=""><td>219.01</td><td>18.75</td><td>10.6</td></lod<>	219.01	18.75	10.6
485	16/06/2022 15:16	Stockpile testing - Suitable for disposal at Burwood Landfill	28.44	35.61	6.41	189.48	104.79	14.65	7.02
486	16/06/2022 15:17	Stockpile testing - Suitable for disposal at Burwood Landfill	26.83	41.48	6.83	208.56	103.53	10.94	7.13
487	16/06/2022 15:17	Stockpile testing - Suitable for disposal at Burwood Landfill	27.96	31.49	6.64	188	109.73	12.08	7.36
488	16/06/2022 15:18	Stockpile testing - Suitable for disposal at Burwood Landfill	19.3	14.71	7.28	<lod< td=""><td>189.48</td><td><lod< td=""><td>13.34</td></lod<></td></lod<>	189.48	<lod< td=""><td>13.34</td></lod<>	13.34
489	16/06/2022 15:18	Stockpile testing - Suitable for disposal at Burwood Landfill	20.9	<lod< td=""><td>9.59</td><td><lod< td=""><td>168.26</td><td><lod< td=""><td>12.87</td></lod<></td></lod<></td></lod<>	9.59	<lod< td=""><td>168.26</td><td><lod< td=""><td>12.87</td></lod<></td></lod<>	168.26	<lod< td=""><td>12.87</td></lod<>	12.87
490	16/06/2022 15:19	Stockpile testing - Suitable for disposal at Burwood Landfill	18.11	12.81	7.11	<lod< td=""><td>186.59</td><td><lod< td=""><td>13.25</td></lod<></td></lod<>	186.59	<lod< td=""><td>13.25</td></lod<>	13.25
491	16/06/2022 15:19	Stockpile testing - Suitable for disposal at Burwood Landfill	21.29	22.83	6.21	<lod< td=""><td>165.89</td><td><lod< td=""><td>10.35</td></lod<></td></lod<>	165.89	<lod< td=""><td>10.35</td></lod<>	10.35
492	16/06/2022 15:20	Stockpile testing - Suitable for disposal at Burwood Landfill	30.05	19.5	5.58	143.72	91.57	17.99	6.8
493	16/06/2022 15:20	Stockpile testing - Suitable for disposal at Burwood Landfill	17.31	12.83	6.8	<lod< td=""><td>162.08</td><td><lod< td=""><td>12.91</td></lod<></td></lod<>	162.08	<lod< td=""><td>12.91</td></lod<>	12.91
494	16/06/2022 15:20	Stockpile testing - Suitable for disposal at Burwood Landfill	10.13	<lod< td=""><td>12.03</td><td><lod< td=""><td>259.68</td><td><lod< td=""><td>15.66</td></lod<></td></lod<></td></lod<>	12.03	<lod< td=""><td>259.68</td><td><lod< td=""><td>15.66</td></lod<></td></lod<>	259.68	<lod< td=""><td>15.66</td></lod<>	15.66
495	16/06/2022 15:20	Stockpile testing - Suitable for disposal at Burwood Landfill	10.53	<lod< td=""><td>13.35</td><td><lod< td=""><td>251.69</td><td><lod< td=""><td>18.31</td></lod<></td></lod<></td></lod<>	13.35	<lod< td=""><td>251.69</td><td><lod< td=""><td>18.31</td></lod<></td></lod<>	251.69	<lod< td=""><td>18.31</td></lod<>	18.31
496	16/06/2022 15:21	Stockpile testing - Suitable for disposal at Burwood Landfill	23.69	20.87	6.29	<lod< td=""><td>151.33</td><td>15.33</td><td>7.54</td></lod<>	151.33	15.33	7.54
497	16/06/2022 15:21	Stockpile testing - Suitable for disposal at Burwood Landfill	15.32	14.36	7.69	<lod< td=""><td>213.46</td><td><lod< td=""><td>14.41</td></lod<></td></lod<>	213.46	<lod< td=""><td>14.41</td></lod<>	14.41
498	16/06/2022 15:21	Stockpile testing - Suitable for disposal at Burwood Landfill	10.52	<lod< td=""><td>13.07</td><td><lod< td=""><td>230.31</td><td><lod< td=""><td>17.45</td></lod<></td></lod<></td></lod<>	13.07	<lod< td=""><td>230.31</td><td><lod< td=""><td>17.45</td></lod<></td></lod<>	230.31	<lod< td=""><td>17.45</td></lod<>	17.45
499	16/06/2022 15:22	Stockpile testing - Suitable for disposal at Burwood Landfill	16.9	15.31	7.13	<lod <lod< td=""><td>167.72</td><td>16.28</td><td>8.89</td></lod<></lod 	167.72	16.28	8.89
500	16/06/2022 15:22		10.91	16.55	8.89	<lod <lod< td=""><td>198.95</td><td><lod< td=""><td>16.41</td></lod<></td></lod<></lod 	198.95	<lod< td=""><td>16.41</td></lod<>	16.41
500	16/06/2022 15:22	Stockpile testing - Suitable for disposal at Burwood Landfill	16.11	13.41	8.05	<lod <lod< td=""><td>190.95</td><td>22.45</td><td>10.41</td></lod<></lod 	190.95	22.45	10.41
		Stockpile testing - Suitable for disposal at Burwood Landfill							
502	16/06/2022 15:23	Stockpile testing - Soil remixed and retested	29.22	75.37	8.15	167.74	96.85	30.54	7.83
503	16/06/2022 15:23	Stockpile testing - Suitable for disposal at Burwood Landfill	24.88	13.23	5.94	<lod< td=""><td>138.89</td><td>19.39</td><td>7.59</td></lod<>	138.89	19.39	7.59
504	16/06/2022 15:24	Stockpile testing - Suitable for disposal at Burwood Landfill	29.67	48.91	7	<lod< td=""><td>141.26</td><td>17.55</td><td>7.16</td></lod<>	141.26	17.55	7.16
505	16/06/2022 15:25	Stockpile testing - Suitable for disposal at Burwood Landfill	21.3	18.42	7.52	<lod< td=""><td>179.83</td><td><lod< td=""><td>13.58</td></lod<></td></lod<>	179.83	<lod< td=""><td>13.58</td></lod<>	13.58
506	16/06/2022 15:25	Stockpile testing - Suitable for disposal at Burwood Landfill	21.31	29.44	6.4	<lod< td=""><td>136.81</td><td><lod< td=""><td>10.52</td></lod<></td></lod<>	136.81	<lod< td=""><td>10.52</td></lod<>	10.52
507	16/06/2022 15:25	Stockpile testing - Suitable for disposal at Burwood Landfill	22.09	9.04	5.95	<lod< td=""><td>137.23</td><td>14.99</td><td>7.8</td></lod<>	137.23	14.99	7.8
508	16/06/2022 15:26	Stockpile testing - Suitable for disposal at Burwood Landfill	18.5	18.51	6.63	<lod< td=""><td>153.24</td><td><lod< td=""><td>11.94</td></lod<></td></lod<>	153.24	<lod< td=""><td>11.94</td></lod<>	11.94
509	16/06/2022 15:26	Stockpile testing - Suitable for disposal at Burwood Landfill	28.48	16.75	5.8	<lod< td=""><td>151.22</td><td><lod< td=""><td>10.54</td></lod<></td></lod<>	151.22	<lod< td=""><td>10.54</td></lod<>	10.54
510	16/06/2022 15:27	Stockpile testing - Suitable for disposal at Burwood Landfill	30.16	23.57	6.52	<lod< td=""><td>166.9</td><td><lod< td=""><td>11.25</td></lod<></td></lod<>	166.9	<lod< td=""><td>11.25</td></lod<>	11.25
511	16/06/2022 15:27	Stockpile testing - Suitable for disposal at Burwood Landfill	18.11	32.17	6.7	<lod< td=""><td>140.37</td><td><lod< td=""><td>10.9</td></lod<></td></lod<>	140.37	<lod< td=""><td>10.9</td></lod<>	10.9
512	16/06/2022 15:28	Stockpile testing - Suitable for disposal at Burwood Landfill	30.07	25.08	5.36	<lod< td=""><td>129.78</td><td>11.6</td><td>6.21</td></lod<>	129.78	11.6	6.21
513	16/06/2022 15:28	Stockpile testing - Suitable for disposal at Burwood Landfill	19.31	13.88	6.03	<lod< td=""><td>144.11</td><td>13.22</td><td>7.54</td></lod<>	144.11	13.22	7.54
514	16/06/2022 15:29	Stockpile testing - Suitable for disposal at Burwood Landfill	20.9	<lod< td=""><td>8.99</td><td><lod< td=""><td>170.33</td><td>17.09</td><td>8.28</td></lod<></td></lod<>	8.99	<lod< td=""><td>170.33</td><td>17.09</td><td>8.28</td></lod<>	170.33	17.09	8.28
515	16/06/2022 15:29	Stockpile testing - Suitable for disposal at Burwood Landfill	30.08	17.17	5.2	<lod< td=""><td>121.03</td><td>18.77</td><td>6.43</td></lod<>	121.03	18.77	6.43
516	16/06/2022 15:30	Stockpile testing - Suitable for disposal at Burwood Landfill	29.28	16.36	5.25	<lod< td=""><td>132.94</td><td><lod< td=""><td>9.65</td></lod<></td></lod<>	132.94	<lod< td=""><td>9.65</td></lod<>	9.65
517	16/06/2022 15:31	Stockpile testing - Suitable for disposal at Burwood Landfill	18.5	<lod< td=""><td>11.39</td><td><lod< td=""><td>205.39</td><td>19</td><td>9.94</td></lod<></td></lod<>	11.39	<lod< td=""><td>205.39</td><td>19</td><td>9.94</td></lod<>	205.39	19	9.94
518	16/06/2022 15:31	Stockpile testing - Suitable for disposal at Burwood Landfill	12.92	<lod< td=""><td>11.84</td><td><lod< td=""><td>195.06</td><td>16.61</td><td>10.29</td></lod<></td></lod<>	11.84	<lod< td=""><td>195.06</td><td>16.61</td><td>10.29</td></lod<>	195.06	16.61	10.29
519	16/06/2022 15:32	Stockpile testing - Suitable for disposal at Burwood Landfill	12.52	<lod< td=""><td>11.8</td><td><lod< td=""><td>205.74</td><td><lod< td=""><td>15.94</td></lod<></td></lod<></td></lod<>	11.8	<lod< td=""><td>205.74</td><td><lod< td=""><td>15.94</td></lod<></td></lod<>	205.74	<lod< td=""><td>15.94</td></lod<>	15.94
520	16/06/2022 15:32	Stockpile testing - Suitable for disposal at Burwood Landfill	14.52	10.54	6.14	<lod< td=""><td>164.29</td><td><lod< td=""><td>11.73</td></lod<></td></lod<>	164.29	<lod< td=""><td>11.73</td></lod<>	11.73
521	16/06/2022 15:33	Stockpile testing - Suitable for disposal at Burwood Landiill	18.51	<lod< td=""><td>8.02</td><td><lod <lod< td=""><td>145.62</td><td><lod <lod< td=""><td>10.64</td></lod<></lod </td></lod<></lod </td></lod<>	8.02	<lod <lod< td=""><td>145.62</td><td><lod <lod< td=""><td>10.64</td></lod<></lod </td></lod<></lod 	145.62	<lod <lod< td=""><td>10.64</td></lod<></lod 	10.64
522	16/06/2022 15:34	Stockpile testing - Suitable for disposal at Burwood Landfill	10.92	<lod <lod< td=""><td>14.13</td><td><lod <lod< td=""><td>268.22</td><td><lod <lod< td=""><td>18.52</td></lod<></lod </td></lod<></lod </td></lod<></lod 	14.13	<lod <lod< td=""><td>268.22</td><td><lod <lod< td=""><td>18.52</td></lod<></lod </td></lod<></lod 	268.22	<lod <lod< td=""><td>18.52</td></lod<></lod 	18.52
		Stockpile testing - Suitable for disposal at Burwood Landfill  Stockpile testing - Suitable for disposal at Burwood Landfill	8.93	<lod <lod< td=""><td>16.44</td><td><lod <lod< td=""><td></td><td><lod <lod< td=""><td></td></lod<></lod </td></lod<></lod </td></lod<></lod 	16.44	<lod <lod< td=""><td></td><td><lod <lod< td=""><td></td></lod<></lod </td></lod<></lod 		<lod <lod< td=""><td></td></lod<></lod 	
523	16/06/2022 15:34	Stockpile testing - Suitable for disposal at Burwood Landfill  Stockpile testing - Suitable for disposal at Burwood Landfill	1				260.22		21.15
524	16/06/2022 15:34	' ' '	10.52	18.17	9.07	<lod< td=""><td>250.01</td><td><lod< td=""><td>16.04</td></lod<></td></lod<>	250.01	<lod< td=""><td>16.04</td></lod<>	16.04
525	16/06/2022 15:36	Stockpile testing - Suitable for disposal at Burwood Landfill	16.51	<lod< td=""><td>9.04</td><td><lod< td=""><td>165</td><td><lod< td=""><td>12.14</td></lod<></td></lod<></td></lod<>	9.04	<lod< td=""><td>165</td><td><lod< td=""><td>12.14</td></lod<></td></lod<>	165	<lod< td=""><td>12.14</td></lod<>	12.14
526	16/06/2022 15:36	Stockpile testing - Suitable for disposal at Burwood Landfill	14.91	<lod< td=""><td>11.11</td><td><lod< td=""><td>191.16</td><td><lod< td=""><td>15.48</td></lod<></td></lod<></td></lod<>	11.11	<lod< td=""><td>191.16</td><td><lod< td=""><td>15.48</td></lod<></td></lod<>	191.16	<lod< td=""><td>15.48</td></lod<>	15.48
527	16/06/2022 15:37	Stockpile testing - Suitable for disposal at Burwood Landfill	24.48	<lod< td=""><td>7.3</td><td><lod< td=""><td>140.03</td><td><lod< td=""><td>10.09</td></lod<></td></lod<></td></lod<>	7.3	<lod< td=""><td>140.03</td><td><lod< td=""><td>10.09</td></lod<></td></lod<>	140.03	<lod< td=""><td>10.09</td></lod<>	10.09
528	16/06/2022 15:37	Stockpile testing - Suitable for disposal at Burwood Landfill	28.09	<lod< td=""><td>7.5</td><td><lod< td=""><td>128.11</td><td>15.72</td><td>6.75</td></lod<></td></lod<>	7.5	<lod< td=""><td>128.11</td><td>15.72</td><td>6.75</td></lod<>	128.11	15.72	6.75
529	16/06/2022 15:38	Stockpile testing - Suitable for disposal at Burwood Landfill	27.29	12.14	4.75	<lod< td=""><td>126.26</td><td><lod< td=""><td>8.96</td></lod<></td></lod<>	126.26	<lod< td=""><td>8.96</td></lod<>	8.96
530	16/06/2022 15:39	Stockpile testing - Suitable for disposal at Burwood Landfill	30.06	9.4	4.47	<lod< td=""><td>122.25</td><td>9.13</td><td>5.82</td></lod<>	122.25	9.13	5.82
531	16/06/2022 15:42	Stockpile testing - Suitable for disposal at Burwood Landfill	30.08	<lod< td=""><td>4.9</td><td><lod< td=""><td>103.02</td><td><lod< td=""><td>7.61</td></lod<></td></lod<></td></lod<>	4.9	<lod< td=""><td>103.02</td><td><lod< td=""><td>7.61</td></lod<></td></lod<>	103.02	<lod< td=""><td>7.61</td></lod<>	7.61
887	5/07/2022 14:17	Soil suitable to remain in-situ	16.11	<lod< td=""><td>9.29</td><td><lod< td=""><td>166.86</td><td><lod< td=""><td>12.53</td></lod<></td></lod<></td></lod<>	9.29	<lod< td=""><td>166.86</td><td><lod< td=""><td>12.53</td></lod<></td></lod<>	166.86	<lod< td=""><td>12.53</td></lod<>	12.53
888	5/07/2022 14:17	Soil suitable to remain in-situ	30.08	11.27	4.42	<lod< td=""><td>117.51</td><td><lod< td=""><td>8.39</td></lod<></td></lod<>	117.51	<lod< td=""><td>8.39</td></lod<>	8.39
889	5/07/2022 14:18	Soil suitable to remain in-situ	26.06	10.91	5.05	<lod< td=""><td>128.88</td><td>10.72</td><td>6.45</td></lod<>	128.88	10.72	6.45
890	5/07/2022 14:18	Soil suitable to remain in-situ	30.08	<lod< td=""><td>7.59</td><td><lod< td=""><td>124.23</td><td>13.24</td><td>6.7</td></lod<></td></lod<>	7.59	<lod< td=""><td>124.23</td><td>13.24</td><td>6.7</td></lod<>	124.23	13.24	6.7
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891	5/07/2022 14:19	Soil suitable to remain in-situ	30.08	13.22	4.43	<lod< td=""><td>112.08</td><td><lod< td=""><td>8.19</td></lod<></td></lod<>	112.08	<lod< td=""><td>8.19</td></lod<>	8.19
892	5/07/2022 14:19	Soil suitable to remain in-situ	14.51	<lod< td=""><td>10.45</td><td><lod< td=""><td>189.22</td><td>17.14</td><td>9.57</td></lod<></td></lod<>	10.45	<lod< td=""><td>189.22</td><td>17.14</td><td>9.57</td></lod<>	189.22	17.14	9.57
893	5/07/2022 14:20	Soil suitable to remain in-situ	30.07	13.96	4.68	<lod< td=""><td>119.29</td><td><lod< td=""><td>8.68</td></lod<></td></lod<>	119.29	<lod< td=""><td>8.68</td></lod<>	8.68
894	5/07/2022 14:20	Soil suitable to remain in-situ	14.11	<lod< td=""><td>9.67</td><td><lod< td=""><td>175.14</td><td><lod< td=""><td>12.53</td></lod<></td></lod<></td></lod<>	9.67	<lod< td=""><td>175.14</td><td><lod< td=""><td>12.53</td></lod<></td></lod<>	175.14	<lod< td=""><td>12.53</td></lod<>	12.53
895	5/07/2022 14:21	Soil suitable to remain in-situ	24.1	<lod< td=""><td>10.39</td><td><lod< td=""><td>199.52</td><td><lod< td=""><td>14.56</td></lod<></td></lod<></td></lod<>	10.39	<lod< td=""><td>199.52</td><td><lod< td=""><td>14.56</td></lod<></td></lod<>	199.52	<lod< td=""><td>14.56</td></lod<>	14.56
896	5/07/2022 14:22	Soil suitable to remain in-situ	13.71	<lod< td=""><td>11.18</td><td><lod< td=""><td>222.02</td><td><lod< td=""><td>15.37</td></lod<></td></lod<></td></lod<>	11.18	<lod< td=""><td>222.02</td><td><lod< td=""><td>15.37</td></lod<></td></lod<>	222.02	<lod< td=""><td>15.37</td></lod<>	15.37
897	5/07/2022 14:23	Soil excavated and disposed at Burwood Landfill	61.39	16.25	3.7	<lod< td=""><td>93.22</td><td><lod< td=""><td>6.74</td></lod<></td></lod<>	93.22	<lod< td=""><td>6.74</td></lod<>	6.74
898	5/07/2022 14:24	Soil excavated and disposed at Burwood Landfill	41.33	18.85	4.63	<lod< td=""><td>116.04</td><td><lod< td=""><td>8.32</td></lod<></td></lod<>	116.04	<lod< td=""><td>8.32</td></lod<>	8.32
899	5/07/2022 14:25	Soil suitable to remain in-situ	23.29	12.98	5.58	<lod< td=""><td>137.45</td><td>12</td><td>7.02</td></lod<>	137.45	12	7.02
900	5/07/2022 14:26	Soil excavated and disposed at Burwood Landfill	30.07	28.98	5.27	<lod< td=""><td>122.95</td><td><lod< td=""><td>8.59</td></lod<></td></lod<>	122.95	<lod< td=""><td>8.59</td></lod<>	8.59
901	5/07/2022 14:26	Soil suitable to remain in-situ	20.1	<lod< td=""><td>8.85</td><td><lod< td=""><td>167.54</td><td><lod< td=""><td>11.59</td></lod<></td></lod<></td></lod<>	8.85	<lod< td=""><td>167.54</td><td><lod< td=""><td>11.59</td></lod<></td></lod<>	167.54	<lod< td=""><td>11.59</td></lod<>	11.59
902	5/07/2022 14:27	Soil suitable to remain in-situ	18.1	<lod< td=""><td>9.76</td><td><lod< td=""><td>167.5</td><td><lod< td=""><td>12.73</td></lod<></td></lod<></td></lod<>	9.76	<lod< td=""><td>167.5</td><td><lod< td=""><td>12.73</td></lod<></td></lod<>	167.5	<lod< td=""><td>12.73</td></lod<>	12.73
903	5/07/2022 14:27	Soil excavated and disposed at Burwood Landfill	23.69	20.64	5.77	<lod< td=""><td>141.41</td><td>12.56</td><td>6.89</td></lod<>	141.41	12.56	6.89
904	5/07/2022 14:28	Soil excavated and disposed at Burwood Landfill	12.92	44.36	8.26	<lod< td=""><td>161.42</td><td><lod< td=""><td>11.99</td></lod<></td></lod<>	161.42	<lod< td=""><td>11.99</td></lod<>	11.99
905	5/07/2022 14:29	Soil excavated and disposed at Burwood Landfill	21.3	20.17	5.14	<lod< td=""><td>118.28</td><td><lod< td=""><td>8.87</td></lod<></td></lod<>	118.28	<lod< td=""><td>8.87</td></lod<>	8.87
906	5/07/2022 14:29	Soil excavated and disposed at Burwood Landfill	19.71	22.94	5.34	<lod< td=""><td>120.25</td><td><lod< td=""><td>8.94</td></lod<></td></lod<>	120.25	<lod< td=""><td>8.94</td></lod<>	8.94
907	5/07/2022 14:30	Soil suitable to remain in-situ	16.91	13.66	5.52	<lod< td=""><td>143.98</td><td><lod< td=""><td>10.18</td></lod<></td></lod<>	143.98	<lod< td=""><td>10.18</td></lod<>	10.18
908	5/07/2022 14:31	Soil excavated and disposed at Burwood Landfill	4.15	60.12	19.04	<lod <lod< td=""><td>363.59</td><td><lod< td=""><td>26.03</td></lod<></td></lod<></lod 	363.59	<lod< td=""><td>26.03</td></lod<>	26.03
909	5/07/2022 14:31	Soil excavated and disposed at Burwood Landfill	8.93	22.27	9.85	<lod <lod< td=""><td>245.01</td><td><lod <lod< td=""><td>17.15</td></lod<></lod </td></lod<></lod 	245.01	<lod <lod< td=""><td>17.15</td></lod<></lod 	17.15
910	5/07/2022 14:31	·	3.74		19.37	<lod <lod< td=""><td></td><td><lod <lod< td=""><td>24.51</td></lod<></lod </td></lod<></lod 		<lod <lod< td=""><td>24.51</td></lod<></lod 	24.51
		Soil excavated and disposed at Burwood Landfill	1	66.77			315.45		
911	5/07/2022 14:32	Soil excavated and disposed at Burwood Landfill	26.05	25.62	6.28	<lod< td=""><td>135.7</td><td>22.86</td><td>7.38</td></lod<>	135.7	22.86	7.38
912	5/07/2022 14:33	Soil suitable to remain in-situ	18.91	<lod< td=""><td>10.67</td><td><lod< td=""><td>193.43</td><td><lod< td=""><td>14.5</td></lod<></td></lod<></td></lod<>	10.67	<lod< td=""><td>193.43</td><td><lod< td=""><td>14.5</td></lod<></td></lod<>	193.43	<lod< td=""><td>14.5</td></lod<>	14.5
913	5/07/2022 14:33	Soil suitable to remain in-situ	16.91	<lod< td=""><td>11.99</td><td><lod< td=""><td>239.67</td><td><lod< td=""><td>15.97</td></lod<></td></lod<></td></lod<>	11.99	<lod< td=""><td>239.67</td><td><lod< td=""><td>15.97</td></lod<></td></lod<>	239.67	<lod< td=""><td>15.97</td></lod<>	15.97
914	5/07/2022 14:34	Soil excavated and disposed at Burwood Landfill	30.05	15.28	5.16	<lod< td=""><td>135.28</td><td><lod< td=""><td>9.62</td></lod<></td></lod<>	135.28	<lod< td=""><td>9.62</td></lod<>	9.62
915	5/07/2022 14:34	Soil suitable to remain in-situ	21.3	<lod< td=""><td>8.86</td><td><lod< td=""><td>167.87</td><td><lod< td=""><td>12.11</td></lod<></td></lod<></td></lod<>	8.86	<lod< td=""><td>167.87</td><td><lod< td=""><td>12.11</td></lod<></td></lod<>	167.87	<lod< td=""><td>12.11</td></lod<>	12.11
916	5/07/2022 14:35	Soil suitable to remain in-situ	22.89	<lod< td=""><td>8.06</td><td><lod< td=""><td>165.72</td><td><lod< td=""><td>10.71</td></lod<></td></lod<></td></lod<>	8.06	<lod< td=""><td>165.72</td><td><lod< td=""><td>10.71</td></lod<></td></lod<>	165.72	<lod< td=""><td>10.71</td></lod<>	10.71
917	5/07/2022 14:35	Soil suitable to remain in-situ	14.51	<lod< td=""><td>10.44</td><td><lod< td=""><td>197.31</td><td><lod< td=""><td>13.68</td></lod<></td></lod<></td></lod<>	10.44	<lod< td=""><td>197.31</td><td><lod< td=""><td>13.68</td></lod<></td></lod<>	197.31	<lod< td=""><td>13.68</td></lod<>	13.68
918	5/07/2022 14:36	Soil suitable to remain in-situ	22.89	<lod< td=""><td>8.01</td><td><lod< td=""><td>158.57</td><td><lod< td=""><td>10.59</td></lod<></td></lod<></td></lod<>	8.01	<lod< td=""><td>158.57</td><td><lod< td=""><td>10.59</td></lod<></td></lod<>	158.57	<lod< td=""><td>10.59</td></lod<>	10.59
919	5/07/2022 14:36	Soil suitable to remain in-situ	11.72	<lod< td=""><td>10.77</td><td><lod< td=""><td>223.9</td><td><lod< td=""><td>15.22</td></lod<></td></lod<></td></lod<>	10.77	<lod< td=""><td>223.9</td><td><lod< td=""><td>15.22</td></lod<></td></lod<>	223.9	<lod< td=""><td>15.22</td></lod<>	15.22
920	5/07/2022 14:36	Soil suitable to remain in-situ	13.32	<lod< td=""><td>11.19</td><td><lod< td=""><td>217.45</td><td><lod< td=""><td>14.8</td></lod<></td></lod<></td></lod<>	11.19	<lod< td=""><td>217.45</td><td><lod< td=""><td>14.8</td></lod<></td></lod<>	217.45	<lod< td=""><td>14.8</td></lod<>	14.8
921	5/07/2022 14:37	Soil suitable to remain in-situ	16.11	<lod< td=""><td>9.01</td><td><lod< td=""><td>183.58</td><td><lod< td=""><td>11.68</td></lod<></td></lod<></td></lod<>	9.01	<lod< td=""><td>183.58</td><td><lod< td=""><td>11.68</td></lod<></td></lod<>	183.58	<lod< td=""><td>11.68</td></lod<>	11.68
922	5/07/2022 14:37	Soil suitable to remain in-situ	14.51	<lod< td=""><td>10.12</td><td><lod< td=""><td>180.54</td><td><lod< td=""><td>13.36</td></lod<></td></lod<></td></lod<>	10.12	<lod< td=""><td>180.54</td><td><lod< td=""><td>13.36</td></lod<></td></lod<>	180.54	<lod< td=""><td>13.36</td></lod<>	13.36
923	5/07/2022 14:38	Soil suitable to remain in-situ	22.89	<lod< td=""><td>7.85</td><td><lod< td=""><td>155.49</td><td><lod< td=""><td>10.33</td></lod<></td></lod<></td></lod<>	7.85	<lod< td=""><td>155.49</td><td><lod< td=""><td>10.33</td></lod<></td></lod<>	155.49	<lod< td=""><td>10.33</td></lod<>	10.33
924	5/07/2022 14:38	Soil suitable to remain in-situ	13.33	<lod< td=""><td>10.71</td><td><lod< td=""><td>205.55</td><td><lod< td=""><td>14.09</td></lod<></td></lod<></td></lod<>	10.71	<lod< td=""><td>205.55</td><td><lod< td=""><td>14.09</td></lod<></td></lod<>	205.55	<lod< td=""><td>14.09</td></lod<>	14.09
925	5/07/2022 14:39	Soil suitable to remain in-situ	24.09	10.53	5.04	<lod <lod< td=""><td>148.29</td><td><lod <lod< td=""><td>9.64</td></lod<></lod </td></lod<></lod 	148.29	<lod <lod< td=""><td>9.64</td></lod<></lod 	9.64
926	5/07/2022 14:40	Soil suitable to remain in-situ	18.9	<lod< td=""><td>10.94</td><td><lod <lod< td=""><td>186.61</td><td><lod <lod< td=""><td>14.42</td></lod<></lod </td></lod<></lod </td></lod<>	10.94	<lod <lod< td=""><td>186.61</td><td><lod <lod< td=""><td>14.42</td></lod<></lod </td></lod<></lod 	186.61	<lod <lod< td=""><td>14.42</td></lod<></lod 	14.42
927	5/07/2022 14:40		8.52	41.65	13	<lod <lod< td=""><td>253.13</td><td>23.11</td><td>14.42</td></lod<></lod 	253.13	23.11	14.42
		Soil excavated and disposed at Burwood Landfill	1						
928	5/07/2022 14:40	Soil suitable to remain in-situ	15.31	<lod< td=""><td>10.98</td><td><lod< td=""><td>224.77</td><td><lod< td=""><td>14.62</td></lod<></td></lod<></td></lod<>	10.98	<lod< td=""><td>224.77</td><td><lod< td=""><td>14.62</td></lod<></td></lod<>	224.77	<lod< td=""><td>14.62</td></lod<>	14.62
929	5/07/2022 14:41	Soil excavated and disposed at Burwood Landfill	6.54	34.15	14.94	<lod< td=""><td>321.65</td><td><lod< td=""><td>24.4</td></lod<></td></lod<>	321.65	<lod< td=""><td>24.4</td></lod<>	24.4
930	5/07/2022 14:41	Soil suitable to remain in-situ	12.92	<lod< td=""><td>11.21</td><td><lod< td=""><td>257.2</td><td><lod< td=""><td>14.26</td></lod<></td></lod<></td></lod<>	11.21	<lod< td=""><td>257.2</td><td><lod< td=""><td>14.26</td></lod<></td></lod<>	257.2	<lod< td=""><td>14.26</td></lod<>	14.26
931	5/07/2022 14:42	Soil suitable to remain in-situ	23.69	<lod< td=""><td>8.08</td><td><lod< td=""><td>174.88</td><td><lod< td=""><td>11.62</td></lod<></td></lod<></td></lod<>	8.08	<lod< td=""><td>174.88</td><td><lod< td=""><td>11.62</td></lod<></td></lod<>	174.88	<lod< td=""><td>11.62</td></lod<>	11.62
932	5/07/2022 14:42	Soil suitable to remain in-situ	16.11	<lod< td=""><td>10.81</td><td><lod< td=""><td>188.86</td><td><lod< td=""><td>13.84</td></lod<></td></lod<></td></lod<>	10.81	<lod< td=""><td>188.86</td><td><lod< td=""><td>13.84</td></lod<></td></lod<>	188.86	<lod< td=""><td>13.84</td></lod<>	13.84
933	5/07/2022 14:43	Soil excavated and disposed at Burwood Landfill	16.83	21.88	10.33	<lod< td=""><td>224.44</td><td>38.4</td><td>12.76</td></lod<>	224.44	38.4	12.76
934	5/07/2022 14:43	Soil suitable to remain in-situ	24.48	8.97	5.36	<lod< td=""><td>138.99</td><td><lod< td=""><td>10.35</td></lod<></td></lod<>	138.99	<lod< td=""><td>10.35</td></lod<>	10.35
935	5/07/2022 14:44	Soil suitable to remain in-situ	22.5	11.69	5.96	<lod< td=""><td>155.57</td><td><lod< td=""><td>11.25</td></lod<></td></lod<>	155.57	<lod< td=""><td>11.25</td></lod<>	11.25
936	5/07/2022 14:44	Soil suitable to remain in-situ	16.11	<lod< td=""><td>8.55</td><td><lod< td=""><td>162.44</td><td><lod< td=""><td>11.14</td></lod<></td></lod<></td></lod<>	8.55	<lod< td=""><td>162.44</td><td><lod< td=""><td>11.14</td></lod<></td></lod<>	162.44	<lod< td=""><td>11.14</td></lod<>	11.14
937	5/07/2022 14:45	Soil suitable to remain in-situ	12.92	<lod< td=""><td>8.9</td><td><lod< td=""><td>156.88</td><td><lod< td=""><td>12.1</td></lod<></td></lod<></td></lod<>	8.9	<lod< td=""><td>156.88</td><td><lod< td=""><td>12.1</td></lod<></td></lod<>	156.88	<lod< td=""><td>12.1</td></lod<>	12.1
938	5/07/2022 14:45	Soil suitable to remain in-situ	18.1	<lod< td=""><td>10.39</td><td><lod< td=""><td>202.97</td><td><lod< td=""><td>14.44</td></lod<></td></lod<></td></lod<>	10.39	<lod< td=""><td>202.97</td><td><lod< td=""><td>14.44</td></lod<></td></lod<>	202.97	<lod< td=""><td>14.44</td></lod<>	14.44
939	5/07/2022 14:45	Soil suitable to remain in-situ	16.11	10.4	6.51	<lod< td=""><td>206.19</td><td><lod< td=""><td>12.29</td></lod<></td></lod<>	206.19	<lod< td=""><td>12.29</td></lod<>	12.29
940	5/07/2022 14:46	Soil suitable to remain in-situ	20.9	<lod< td=""><td>8.25</td><td><lod< td=""><td>155.21</td><td><lod< td=""><td>11</td></lod<></td></lod<></td></lod<>	8.25	<lod< td=""><td>155.21</td><td><lod< td=""><td>11</td></lod<></td></lod<>	155.21	<lod< td=""><td>11</td></lod<>	11
941	5/07/2022 14:46	Soil suitable to remain in-situ	15.31	<lod< td=""><td>9.48</td><td><lod< td=""><td>152.97</td><td><lod< td=""><td>12.91</td></lod<></td></lod<></td></lod<>	9.48	<lod< td=""><td>152.97</td><td><lod< td=""><td>12.91</td></lod<></td></lod<>	152.97	<lod< td=""><td>12.91</td></lod<>	12.91
942	5/07/2022 14:47	Soil suitable to remain in-situ	15.31	<lod <lod< td=""><td>6.91</td><td><lod <lod< td=""><td>125.13</td><td><lod< td=""><td>9.27</td></lod<></td></lod<></lod </td></lod<></lod 	6.91	<lod <lod< td=""><td>125.13</td><td><lod< td=""><td>9.27</td></lod<></td></lod<></lod 	125.13	<lod< td=""><td>9.27</td></lod<>	9.27
943	5/07/2022 14:47	Soil suitable to remain in-situ	25.29	<lod <lod< td=""><td>10.36</td><td><lod <lod< td=""><td>182.83</td><td><lod <lod< td=""><td>13.88</td></lod<></lod </td></lod<></lod </td></lod<></lod 	10.36	<lod <lod< td=""><td>182.83</td><td><lod <lod< td=""><td>13.88</td></lod<></lod </td></lod<></lod 	182.83	<lod <lod< td=""><td>13.88</td></lod<></lod 	13.88
943	5/07/2022 14:47	Soil suitable to remain in-situ	32.09	<lod <lod< td=""><td>5.39</td><td><lod <lod< td=""><td>110.84</td><td><lod <lod< td=""><td>8.22</td></lod<></lod </td></lod<></lod </td></lod<></lod 	5.39	<lod <lod< td=""><td>110.84</td><td><lod <lod< td=""><td>8.22</td></lod<></lod </td></lod<></lod 	110.84	<lod <lod< td=""><td>8.22</td></lod<></lod 	8.22
944		Soil suitable to remain in-situ		<lod <lod< td=""><td></td><td><lod <lod< td=""><td></td><td>11.48</td><td></td></lod<></lod </td></lod<></lod 		<lod <lod< td=""><td></td><td>11.48</td><td></td></lod<></lod 		11.48	
945	5/07/2022 15:11 5/07/2022 15:12	Soil suitable to remain in-situ  Soil suitable to remain in-situ	26.88 20.5	<lod <lod< td=""><td>7.4 8.18</td><td><lod <lod< td=""><td>129.37 136.41</td><td><lod< td=""><td>6.63 11.02</td></lod<></td></lod<></lod </td></lod<></lod 	7.4 8.18	<lod <lod< td=""><td>129.37 136.41</td><td><lod< td=""><td>6.63 11.02</td></lod<></td></lod<></lod 	129.37 136.41	<lod< td=""><td>6.63 11.02</td></lod<>	6.63 11.02
947	5/07/2022 15:13	Soil suitable to remain in-situ	26.49	<lod< td=""><td>7.26</td><td><lod< td=""><td>133.77</td><td>10.68</td><td>6.99</td></lod<></td></lod<>	7.26	<lod< td=""><td>133.77</td><td>10.68</td><td>6.99</td></lod<>	133.77	10.68	6.99
948	5/07/2022 15:15	Soil suitable to remain in-situ	16.91	<lod< td=""><td>8.38</td><td><lod< td=""><td>165.92</td><td><lod< td=""><td>11.2</td></lod<></td></lod<></td></lod<>	8.38	<lod< td=""><td>165.92</td><td><lod< td=""><td>11.2</td></lod<></td></lod<>	165.92	<lod< td=""><td>11.2</td></lod<>	11.2
949	5/07/2022 15:18	Soil suitable to remain in-situ	11.32	<lod< td=""><td>11.38</td><td><lod< td=""><td>217.99</td><td><lod< td=""><td>14.37</td></lod<></td></lod<></td></lod<>	11.38	<lod< td=""><td>217.99</td><td><lod< td=""><td>14.37</td></lod<></td></lod<>	217.99	<lod< td=""><td>14.37</td></lod<>	14.37
950	5/07/2022 15:18	Soil suitable to remain in-situ	22.1	<lod< td=""><td>7.97</td><td><lod< td=""><td>146.68</td><td><lod< td=""><td>10.58</td></lod<></td></lod<></td></lod<>	7.97	<lod< td=""><td>146.68</td><td><lod< td=""><td>10.58</td></lod<></td></lod<>	146.68	<lod< td=""><td>10.58</td></lod<>	10.58
951	5/07/2022 15:19	Soil suitable to remain in-situ	16.51	<lod< td=""><td>9.21</td><td><lod< td=""><td>167.38</td><td><lod< td=""><td>12.6</td></lod<></td></lod<></td></lod<>	9.21	<lod< td=""><td>167.38</td><td><lod< td=""><td>12.6</td></lod<></td></lod<>	167.38	<lod< td=""><td>12.6</td></lod<>	12.6
952	5/07/2022 15:19	Soil suitable to remain in-situ	19.7	<lod< td=""><td>9.23</td><td><lod< td=""><td>204.45</td><td><lod< td=""><td>12.57</td></lod<></td></lod<></td></lod<>	9.23	<lod< td=""><td>204.45</td><td><lod< td=""><td>12.57</td></lod<></td></lod<>	204.45	<lod< td=""><td>12.57</td></lod<>	12.57
953	5/07/2022 15:20	Soil suitable to remain in-situ	29.28	8.42	5.2	<lod< td=""><td>139.68</td><td><lod< td=""><td>10.22</td></lod<></td></lod<>	139.68	<lod< td=""><td>10.22</td></lod<>	10.22
954	5/07/2022 15:20	Soil excavated and disposed at Burwood Landfill	30.37	14.01	5.92	<lod< td=""><td>145.94</td><td>13.73</td><td>7.45</td></lod<>	145.94	13.73	7.45
955	5/07/2022 15:21	Soil excavated and disposed at Burwood Landfill	14.12	24.7	7.81	<lod< td=""><td>198.24</td><td><lod< td=""><td>13.37</td></lod<></td></lod<>	198.24	<lod< td=""><td>13.37</td></lod<>	13.37
956	5/07/2022 15:21	Soil excavated and disposed at Burwood Landfill	2.11	79.14	28.46	<lod< td=""><td>606.02</td><td><lod< td=""><td>34.43</td></lod<></td></lod<>	606.02	<lod< td=""><td>34.43</td></lod<>	34.43
957	5/07/2022 15:21	Soil excavated and disposed at Burwood Landfill	7.73	18.87	10.55	<lod< td=""><td>304.58</td><td><lod< td=""><td>18.4</td></lod<></td></lod<>	304.58	<lod< td=""><td>18.4</td></lod<>	18.4
958	5/07/2022 15:22	Soil suitable to remain in-situ	10.92	<lod< td=""><td>12.89</td><td><lod< td=""><td>223.99</td><td><lod< td=""><td>17.63</td></lod<></td></lod<></td></lod<>	12.89	<lod< td=""><td>223.99</td><td><lod< td=""><td>17.63</td></lod<></td></lod<>	223.99	<lod< td=""><td>17.63</td></lod<>	17.63
959	5/07/2022 15:22	Soil suitable to remain in-situ	16.11	13.49	7.49	<lod< td=""><td>201</td><td><lod< td=""><td>13.98</td></lod<></td></lod<>	201	<lod< td=""><td>13.98</td></lod<>	13.98
960	5/07/2022 15:23	Soil excavated and disposed at Burwood Landfill	16.51	22.49	7.58	<lod< td=""><td>186.92</td><td><lod< td=""><td>13.09</td></lod<></td></lod<>	186.92	<lod< td=""><td>13.09</td></lod<>	13.09
961	5/07/2022 15:24	Soil excavated and disposed at Burwood Landfill	30.08	14.51	5.03	<lod <lod< td=""><td>131.39</td><td><lod< td=""><td>9.41</td></lod<></td></lod<></lod 	131.39	<lod< td=""><td>9.41</td></lod<>	9.41
		'		<lod< td=""><td>10.23</td><td><lod <lod< td=""><td>200.07</td><td><lod <lod< td=""><td>13.52</td></lod<></lod </td></lod<></lod </td></lod<>	10.23	<lod <lod< td=""><td>200.07</td><td><lod <lod< td=""><td>13.52</td></lod<></lod </td></lod<></lod 	200.07	<lod <lod< td=""><td>13.52</td></lod<></lod 	13.52
UK')	I 5/07/2022 15·25								
962 963	5/07/2022 15:25 5/07/2022 15:25	Soil suitable to remain in-situ Soil suitable to remain in-situ	14.91 19.7	<lod <lod< td=""><td>8.98</td><td><lod< td=""><td>160.74</td><td>12.54</td><td>8.01</td></lod<></td></lod<></lod 	8.98	<lod< td=""><td>160.74</td><td>12.54</td><td>8.01</td></lod<>	160.74	12.54	8.01

964	5/07/2022 15:26	Soil excavated and disposed at Burwood Landfill	26.89	26.68	6.11	<lod< th=""><th>141.91</th><th><lod< th=""><th>10.3</th></lod<></th></lod<>	141.91	<lod< th=""><th>10.3</th></lod<>	10.3
965	5/07/2022 15:27	Soil suitable to remain in-situ	30.07	<lod< td=""><td>8.87</td><td><lod <lod< td=""><td>185.04</td><td><lod <lod< td=""><td>12.31</td></lod<></lod </td></lod<></lod </td></lod<>	8.87	<lod <lod< td=""><td>185.04</td><td><lod <lod< td=""><td>12.31</td></lod<></lod </td></lod<></lod 	185.04	<lod <lod< td=""><td>12.31</td></lod<></lod 	12.31
966	5/07/2022 15:28	Soil suitable to remain in-situ	23.29	<lod< td=""><td>10.06</td><td><lod< td=""><td>199.55</td><td><lod< td=""><td>13.06</td></lod<></td></lod<></td></lod<>	10.06	<lod< td=""><td>199.55</td><td><lod< td=""><td>13.06</td></lod<></td></lod<>	199.55	<lod< td=""><td>13.06</td></lod<>	13.06
967	5/07/2022 15:28	Soil suitable to remain in-situ	18.5	<lod< td=""><td>10.11</td><td><lod< td=""><td>193.55</td><td><lod< td=""><td>13.33</td></lod<></td></lod<></td></lod<>	10.11	<lod< td=""><td>193.55</td><td><lod< td=""><td>13.33</td></lod<></td></lod<>	193.55	<lod< td=""><td>13.33</td></lod<>	13.33
968	5/07/2022 15:29	Soil suitable to remain in-situ	20.5	<lod <lod< td=""><td>9.44</td><td><lod <lod< td=""><td>174.86</td><td><lod <lod< td=""><td>12.28</td></lod<></lod </td></lod<></lod </td></lod<></lod 	9.44	<lod <lod< td=""><td>174.86</td><td><lod <lod< td=""><td>12.28</td></lod<></lod </td></lod<></lod 	174.86	<lod <lod< td=""><td>12.28</td></lod<></lod 	12.28
969	5/07/2022 15:33	Soil excavated and disposed at Burwood Landfill	4.14	19.12	11.6	<lod< td=""><td>293.21</td><td><lod< td=""><td>19.64</td></lod<></td></lod<>	293.21	<lod< td=""><td>19.64</td></lod<>	19.64
970	5/07/2022 15:33	Soil excavated and disposed at Burwood Landfill	4.14	43.03	19.64	<lod< td=""><td>527.21</td><td><lod< td=""><td>28.6</td></lod<></td></lod<>	527.21	<lod< td=""><td>28.6</td></lod<>	28.6
971	5/07/2022 15:34	Soil excavated and disposed at Burwood Landfill	13.72	70.49	13.55	381.64	203.45	<lod< td=""><td>18.42</td></lod<>	18.42
972	5/07/2022 15:35	Soil excavated and disposed at Burwood Landfill	8.12	31.78	13.37	<lod< td=""><td>293.62</td><td><lod< td=""><td>21.4</td></lod<></td></lod<>	293.62	<lod< td=""><td>21.4</td></lod<>	21.4
973	5/07/2022 15:35	Soil excavated and disposed at Burwood Landfill	5.73	73.48	30.28	<lod< td=""><td>575.21</td><td><lod< td=""><td>41.93</td></lod<></td></lod<>	575.21	<lod< td=""><td>41.93</td></lod<>	41.93
974	5/07/2022 15:37	Soil excavated and disposed at Burwood Landfill	6.53	88.05	18.68	423.88	277.34	<lod< td=""><td>21.9</td></lod<>	21.9
975	5/07/2022 15:37	Soil excavated and disposed at Burwood Landfill	5.34	106.35	26.86	<lod< td=""><td>467.38</td><td><lod< td=""><td>33.04</td></lod<></td></lod<>	467.38	<lod< td=""><td>33.04</td></lod<>	33.04
976	5/07/2022 15:37	Soil suitable to remain in-situ	12.92	<lod< td=""><td>14.19</td><td><lod< td=""><td>245.93</td><td>19.78</td><td>12.74</td></lod<></td></lod<>	14.19	<lod< td=""><td>245.93</td><td>19.78</td><td>12.74</td></lod<>	245.93	19.78	12.74
977	5/07/2022 15:40	Soil suitable to remain in-situ	16.5	<lod< td=""><td>11.14</td><td><lod< td=""><td>193</td><td>19.05</td><td>9.96</td></lod<></td></lod<>	11.14	<lod< td=""><td>193</td><td>19.05</td><td>9.96</td></lod<>	193	19.05	9.96
978	5/07/2022 15:40	Soil suitable to remain in-situ	14.91	<lod< td=""><td>11.09</td><td><lod< td=""><td>203.45</td><td>16.35</td><td>9.9</td></lod<></td></lod<>	11.09	<lod< td=""><td>203.45</td><td>16.35</td><td>9.9</td></lod<>	203.45	16.35	9.9
979	5/07/2022 15:41	Soil suitable to remain in-situ	10.53	<lod< td=""><td>14.36</td><td><lod< td=""><td>250.8</td><td><lod< td=""><td>19.05</td></lod<></td></lod<></td></lod<>	14.36	<lod< td=""><td>250.8</td><td><lod< td=""><td>19.05</td></lod<></td></lod<>	250.8	<lod< td=""><td>19.05</td></lod<>	19.05
980	5/07/2022 15:43	Soil suitable to remain in-situ	23.69	<lod< td=""><td>7.04</td><td><lod< td=""><td>130.28</td><td><lod< td=""><td>9.31</td></lod<></td></lod<></td></lod<>	7.04	<lod< td=""><td>130.28</td><td><lod< td=""><td>9.31</td></lod<></td></lod<>	130.28	<lod< td=""><td>9.31</td></lod<>	9.31
981	5/07/2022 15:43	Soil suitable to remain in-situ	12.51	<lod< td=""><td>9.72</td><td><lod< td=""><td>188.53</td><td><lod< td=""><td>13.42</td></lod<></td></lod<></td></lod<>	9.72	<lod< td=""><td>188.53</td><td><lod< td=""><td>13.42</td></lod<></td></lod<>	188.53	<lod< td=""><td>13.42</td></lod<>	13.42
982	5/07/2022 15:45	Soil suitable to remain in-situ	30.08	8.81	4.23	<lod< td=""><td>108.41</td><td><lod< td=""><td>8.27</td></lod<></td></lod<>	108.41	<lod< td=""><td>8.27</td></lod<>	8.27
983	5/07/2022 15:47	Soil suitable to remain in-situ	15.31	<lod< td=""><td>8.94</td><td><lod< td=""><td>166.24</td><td><lod< td=""><td>11.48</td></lod<></td></lod<></td></lod<>	8.94	<lod< td=""><td>166.24</td><td><lod< td=""><td>11.48</td></lod<></td></lod<>	166.24	<lod< td=""><td>11.48</td></lod<>	11.48
984	5/07/2022 15:48	Soil suitable to remain in-situ	19.7	<lod< td=""><td>7.06</td><td><lod< td=""><td>131.14</td><td><lod< td=""><td>9.59</td></lod<></td></lod<></td></lod<>	7.06	<lod< td=""><td>131.14</td><td><lod< td=""><td>9.59</td></lod<></td></lod<>	131.14	<lod< td=""><td>9.59</td></lod<>	9.59
985	5/07/2022 15:54	Soil excavated and disposed at Burwood Landfill	22.1	14.58	6.45	<lod< td=""><td>178.93</td><td><lod< td=""><td>11.89</td></lod<></td></lod<>	178.93	<lod< td=""><td>11.89</td></lod<>	11.89
986	5/07/2022 15:54	Soil excavated and disposed at Burwood Landfill	10.52	21.15	9.31	<lod< td=""><td>217.66</td><td><lod< td=""><td>16.55</td></lod<></td></lod<>	217.66	<lod< td=""><td>16.55</td></lod<>	16.55
987	5/07/2022 15:54	Soil suitable to remain in-situ	9.72	<lod< td=""><td>14.46</td><td><lod< td=""><td>261.01</td><td><lod< td=""><td>18.27</td></lod<></td></lod<></td></lod<>	14.46	<lod< td=""><td>261.01</td><td><lod< td=""><td>18.27</td></lod<></td></lod<>	261.01	<lod< td=""><td>18.27</td></lod<>	18.27
988	5/07/2022 15:58	Soil suitable to remain in-situ	16.51	<lod< td=""><td>10.15</td><td><lod< td=""><td>196.72</td><td><lod< td=""><td>13.8</td></lod<></td></lod<></td></lod<>	10.15	<lod< td=""><td>196.72</td><td><lod< td=""><td>13.8</td></lod<></td></lod<>	196.72	<lod< td=""><td>13.8</td></lod<>	13.8
989	5/07/2022 15:58	Soil suitable to remain in-situ	14.92	11.31	6.9	<lod< td=""><td>201.24</td><td><lod< td=""><td>12.97</td></lod<></td></lod<>	201.24	<lod< td=""><td>12.97</td></lod<>	12.97
990	5/07/2022 15:59	Soil suitable to remain in-situ	24.49	<lod< td=""><td>7.86</td><td><lod< td=""><td>156.11</td><td><lod< td=""><td>10.48</td></lod<></td></lod<></td></lod<>	7.86	<lod< td=""><td>156.11</td><td><lod< td=""><td>10.48</td></lod<></td></lod<>	156.11	<lod< td=""><td>10.48</td></lod<>	10.48
991	5/07/2022 15:59	Soil suitable to remain in-situ	30.07	<lod< td=""><td>7.35</td><td><lod< td=""><td>134.85</td><td>13.82</td><td>6.79</td></lod<></td></lod<>	7.35	<lod< td=""><td>134.85</td><td>13.82</td><td>6.79</td></lod<>	134.85	13.82	6.79
992	5/07/2022 16:07	Soil suitable to remain in-situ	12.51	<lod< td=""><td>10.11</td><td><lod< td=""><td>175.35</td><td><lod< td=""><td>13.94</td></lod<></td></lod<></td></lod<>	10.11	<lod< td=""><td>175.35</td><td><lod< td=""><td>13.94</td></lod<></td></lod<>	175.35	<lod< td=""><td>13.94</td></lod<>	13.94
993	5/07/2022 16:15	Soil suitable to remain in-situ	13.71	<lod< td=""><td>10.35</td><td><lod< td=""><td>191.61</td><td><lod< td=""><td>13.81</td></lod<></td></lod<></td></lod<>	10.35	<lod< td=""><td>191.61</td><td><lod< td=""><td>13.81</td></lod<></td></lod<>	191.61	<lod< td=""><td>13.81</td></lod<>	13.81
994	5/07/2022 16:16	Soil suitable to remain in-situ	12.11	<lod< td=""><td>11.75</td><td><lod< td=""><td>223.85</td><td><lod< td=""><td>15.46</td></lod<></td></lod<></td></lod<>	11.75	<lod< td=""><td>223.85</td><td><lod< td=""><td>15.46</td></lod<></td></lod<>	223.85	<lod< td=""><td>15.46</td></lod<>	15.46
995	5/07/2022 16:17	Soil suitable to remain in-situ	16.12	9.48	6.19	<lod< td=""><td>159.41</td><td><lod< td=""><td>12</td></lod<></td></lod<>	159.41	<lod< td=""><td>12</td></lod<>	12
996	5/07/2022 16:18	Soil suitable to remain in-situ	23.3	<lod< td=""><td>9.04</td><td><lod< td=""><td>174.98</td><td><lod< td=""><td>12.64</td></lod<></td></lod<></td></lod<>	9.04	<lod< td=""><td>174.98</td><td><lod< td=""><td>12.64</td></lod<></td></lod<>	174.98	<lod< td=""><td>12.64</td></lod<>	12.64
997	5/07/2022 16:19	Soil suitable to remain in-situ	20.89	<lod< td=""><td>9.06</td><td><lod< td=""><td>198.58</td><td><lod< td=""><td>12.55</td></lod<></td></lod<></td></lod<>	9.06	<lod< td=""><td>198.58</td><td><lod< td=""><td>12.55</td></lod<></td></lod<>	198.58	<lod< td=""><td>12.55</td></lod<>	12.55
998	5/07/2022 16:20	Soil suitable to remain in-situ	14.11	18.47	9.28	<lod< td=""><td>218.44</td><td>19.94</td><td>11.38</td></lod<>	218.44	19.94	11.38
999	5/07/2022 16:21	Soil suitable to remain in-situ	16.51	<lod< td=""><td>10.77</td><td><lod< td=""><td>239.51</td><td><lod< td=""><td>15.38</td></lod<></td></lod<></td></lod<>	10.77	<lod< td=""><td>239.51</td><td><lod< td=""><td>15.38</td></lod<></td></lod<>	239.51	<lod< td=""><td>15.38</td></lod<>	15.38
1000	5/07/2022 16:22	Soil suitable to remain in-situ	30.08	<lod< td=""><td>4.69</td><td><lod< td=""><td>98.59</td><td><lod< td=""><td>6.81</td></lod<></td></lod<></td></lod<>	4.69	<lod< td=""><td>98.59</td><td><lod< td=""><td>6.81</td></lod<></td></lod<>	98.59	<lod< td=""><td>6.81</td></lod<>	6.81

Appendix F – Laboratory Reports		



Analytica Laboratories Limited Ruakura Research Centre 10 Bisley Road Hamilton 3214, New Zealand Ph +64 (07) 974 4740 sales@analytica.co.nz www.analytica.co.nz

# Certificate of Analysis

Momentum Environmental Ltd 19 Robertsons Road, Kirwee

Christchurch 7671

Attention: Nicola Peacock Phone: 0275134057

Email: hollie@momentumenviro.co.nz

Sampling Site: 60 Leeston Dunsandel Road, Leeston

Lab Reference: 22-24777
Submitted by: Hollie Griffith
Date Received: 07/07/2022
Testing Initiated: 7/07/2022
Date Completed: 13/07/2022

Order Number:

Reference: 595

## **Report Comments**

Samples were collected by yourselves (or your agent) and analysed as received at Analytica Laboratories. Samples were in acceptable condition unless otherwise noted on this report.

Specific testing dates are available on request.

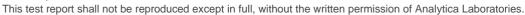
#### **Heavy Metals in Soil**

	Clien	t Sample ID	VS1 wall	VS2 wall	VS3 base	VS4 base	VS5 wall
	Da	te Sampled	05/07/2022	05/07/2022	05/07/2022	05/07/2022	05/07/2022
Analyte	Unit	Reporting Limit	22-24777-1	22-24777-2	22-24777-3	22-24777-4	22-24777-5
Arsenic	mg/kg dry wt	0.125	15.0	8.9	11	11	12
Cadmium	mg/kg dry wt	0.005	0.18	0.17	0.16	0.22	0.16
Chromium	mg/kg dry wt	0.125	24.1	19.5	27.7	21.5	20.3
Copper	mg/kg dry wt	0.075	14.2	10.2	11.2	11.5	10.8
Lead	mg/kg dry wt	0.25	30.3	32.3	28.8	23.6	26.7
Nickel	mg/kg dry wt	0.05	14.2	12.6	13.9	13.8	12.4
Zinc	mg/kg dry wt	0.05	88.0	76.6	83.2	85.7	77.5

#### **Heavy Metals in Soil**

	Clien	t Sample ID	VS6 wall	VS7 base	VS8 wall	VS9 wall	VS10 base
	Da	te Sampled	05/07/2022	05/07/2022	05/07/2022	05/07/2022	05/07/2022
Analyte	Unit	Reporting Limit	22-24777-6	22-24777-7	22-24777-8	22-24777-9	22-24777-10
Arsenic	mg/kg dry wt	0.125	15.1	15.6	16.4	13.9	11
Cadmium	mg/kg dry wt	0.005	0.19	0.20	0.19	0.16	0.17
Chromium	mg/kg dry wt	0.125	21.7	21.7	22.4	18.9	20.7
Copper	mg/kg dry wt	0.075	14.0	13.4	12.4	11.5	10.3
Lead	mg/kg dry wt	0.25	25.8	24.9	25.2	22.3	31.6
Nickel	mg/kg dry wt	0.05	12.3	12.9	13.4	11.4	13.8
Zinc	mg/kg dry wt	0.05	91.2	90.1	91.5	80.8	83.6

All tests reported herein have been performed in accordance with the laboratory's scope of accreditation with the exception of tests marked \*, which are not accredited.





## **Heavy Metals in Soil**

	Clien	t Sample ID	VS11 wall	VS12 wall	VS13 wall	VS14 base	VS15 base
	Da	te Sampled	05/07/2022	05/07/2022	05/07/2022	05/07/2022	05/07/2022
Analyte	Unit	Reporting Limit	22-24777-11	22-24777-12	22-24777-13	22-24777-14	22-24777-15
Arsenic	mg/kg dry wt	0.125	16.5	12	4.6	19.7	6.8
Cadmium	mg/kg dry wt	0.005	0.14	0.20	0.036	0.16	0.037
Chromium	mg/kg dry wt	0.125	22.5	21.6	15.8	23.3	16.9
Copper	mg/kg dry wt	0.075	10.8	10.5	11.8	12.2	12.7
Lead	mg/kg dry wt	0.25	25.3	20.7	13.3	24.0	13.5
Nickel	mg/kg dry wt	0.05	14.6	12.1	13.9	13.7	13.7
Zinc	mg/kg dry wt	0.05	88.2	78.1	50.7	118	50.8

#### **Heavy Metals in Soil**

	Clien	t Sample ID	VS16 wall
	Da	te Sampled	05/07/2022
Analyte	Unit	Reporting Limit	22-24777-16
Arsenic	mg/kg dry wt	0.125	8.3
Cadmium	mg/kg dry wt	0.005	0.047
Chromium	mg/kg dry wt	0.125	20.2
Copper	mg/kg dry wt	0.075	14.0
Lead	mg/kg dry wt	0.25	16.2
Nickel	mg/kg dry wt	0.05	13.7
Zinc	mg/kg dry wt	0.05	63.5

## **Method Summary**

**Elements in Soil** 

Samples dried and passed through a 2 mm sieve followed by acid digestion and analysis by ICP-MS. In accordance with in-house procedure based on US EPA method 200.8.

Sandra Mathews, B.Eng. Laboratory Technician

Appendix G – Dispos	sal Documentation	on	



# Christchurch City Council Special Waste Permit

	Permit number	22/088
	To be completed by En	vironmental Health Team
Permission is given	to (Company Name)	Palmers Transport Ltd
to dispose of	200	(Units) m3
Of product description	on Soil	
Received from (sou	rce/company) 60 Leeston	Dunsandel Road
At Burwood	Landfill Site	
Resource Consent I	Number (if applicable)	Selwyn RC225368
Suitable for surface	cover?	☐ No
Time	1	ne Landfill Kiosk Operator 03 383 1331, days before commencement of disposal.
Date	17/06/202	2
Signature	A	van der Erf

122-040

140.34

Chargi

Palmers

660518



## CHRISTCHURCH CITY COUNCIL

Civil Offices: 53 Hereford Street, Christchurch 8011 AccountsReceivable,

G.S.T. Reg. No. 53-198-554

P O Box 73015, Christchurch, 8154 Telephone (03)941-8999 Fax (03)941-8984 Email debtmanagement@ccc.govt.nz Web www.ccc.govt.nz

TAX INVOICE

PALMERS TRANSPORT LIMITED PALMERS TRANSPORT LIMITED 6 Wilson Street Southbridge 7602

29.07.2022 Date: 4176976 Customer No: 900000456467 Account No: 100004503515 Invoice No: 20.08.2022 Payment Due By:

Page No:

1 of 1

REFERENCE No.

DESCRIPTION

AMOUNT

1,176.91

22/1001053

Burwood Landfill Weighbridge

Dumping Charges at Burwood Landfill for the period 1/07/2022 to 31/07/2022

as per attached schedule

Enquiries to Grant Gillard on DDI 941 8272

grant.gillard@ccc.govt.nz

2000

Where the amount invoiced has not been paid by the stated due date, the Council may commence debt recovery action.

The Council reserves the right to charge interest, payable from the date the debt became due, and recover costs incurred in pursuing recovery of the debt as outlined in the Fees and Charges Schedule of the Council's Long Term Plan.

You can pay the total now payable by internet banking to the following account: 02 0800 0044765 03

GST content of this invoice

TOTAL (inclusive of GST)

1,176.91

153.51

Please enter your invoice number in the particulars field, your account number in the code field, and your customer number in the reference field.



# CHRISTCHURCH CITY COUNCIL

Civic Offices: 53 Hereford Street, Christchurch 8011

AccountsReceivable,

P O Box 73015, Christchurch, 8154 Telephone (03)941-8999 Fax (03)941-8984

Email debtmanagement@ccc.govt.nz

Customer No.

4176976

Account No. Invoice No. 900000456467 100004503515

Payment Due By

20.08.2022

PALMERS TRANSPORT LIMITED PALMERS TRANSPORT LIMITED 6 Wilson Street Southbridge 7602

Total Now Payable

1,176.91



## CHRISTCHURCH CITY COUNCIL

Civ.c Offices: 53 Hereford Street, Christchurch 8011

AccountsReceivable,

G.S.T. Reg. No. 53-198-554

P O Box 73015, Christchurch, 8154 Telephone (03)941-8999 Fax (03)941-8984 Email debtmanagement@ccc.govt.nz Web www.ccc.govt.nz

## TAX INVOICE

PALMERS TRANSPORT LIMITED PALMERS TRANSPORT LIMITED 6 Wilson Street Southbridge 7602

Date:

30.06.2022

Customer No: Account No:

4176976 900000456467

Invoice No: Payment Due By: 100004319160

Page No:

20.07.2022 1 of 1

REFERENCE No.

DESCRIPTION

**AMOUNT** 

9,122.51

22/858275

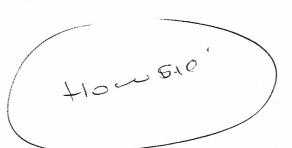
Burwood Landfill Weighbridge

Dumping Charges at Burwood Landfill for the period 1/06/2022 to 30/06/2022

as per attached schedule

Enquiries to Grant Gillard on DDI 941 8272

grant.gillard@ccc.govt.nz



Where the amount invoiced has not been paid by the stated due date, the Council may commence debt recovery action.

The Council reserves the right to charge interest, payable from the date the debt became due, and recover costs incurred in pursuing recovery of the debt as outlined in the sees and Charges Schedule of the Council's Long Term Plan.

You can pay the total now payable by internet banking to the following account: 02 0800 0044765 03

TOTAL (inclusive of GST)

9,122.51

GST content of this invoice

1,189.89

Please enter your invoice number in the particulars field, your account number in the code field, and your customer number in the reference field.



# CHRISTCHURCH CITY COUNCIL

Civic Offices: 53 Hereford Street, Christchurch 8011

AccountsReceivable,

P O Box 73015, Christchurch, 8154 Telephone (03)941-8999 Fax (03)941-8984

Email debtmanagement@ccc.govt.nz

Customer No.

4176976

Account No.

Invoice No. Payment Due By 900000456467 100004319160

20.07.2022

PALMERS TRANSPORT LIMITED PALMERS TRANSPORT LIMITED 6 Wilson Street Southbridge 7602

Total Now Payable

9,122.51

Thankyou.

For all account enquiries, please phone 03 941 8999

Job Billing Customer: CCC Landfill Manifest Number: 660518 Number: CCC Address: Misc

Customer

Date Second Weight Transporter Vehicle First Weight Product Net Weight Out 465710 20/06/2022 12:40:41 20/06/2022 01:19:59 Palmers PTL03T Special Soil 25,420 6,460 18,960 Transport X X Q 9 g g

Docket Number

Number

106-854-270

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Tax Invoice

Please phone 03 941 8999 For all account enquiries, Thankyou.

Manifest Number: 660518 Billing Customer: CCC Landfill Customer

: blrod

989997:

100-824-270

:

This is a Tax Invoice

11'180 Kd

15'450 Kd

53' 600 Kg

: CCC Special Soil Clas:

: 20/06/2022 10:17:13 at

re 62:71:60 S202/80/02:

: TPI Unknown Customer

osiM : see TabbA dol

Job Number: CCC

Net Weight

Product

Vehicle

Date Out

na etad

Second Weight

First Weight

Transporter

Docket Number

GST Number

RESOURCE BURWOOD

RECOVERY BURWOOD

This is a Tax Invoice

: PTLO4T

L89997 :

0LZ-798-90T :

.

11'050 Kg

57'080 Kd

: CCC Special Soil Clas:

: IbI Nuknown Customer

: 20/06/2022 10:18:22 at

se 80:12:60 SZ0S/90/0Z :

Manifest Number: 660518 Billing Customer: CCC Landfill Custome: osiM :aserbbA dot Job Number: CCC

bjesse byone 03 941 8699 For all account enquiries, Трапкуои.

Net Weight

Product

Лертсте

Date Out

mI etsQ

Second Weight

First Weight

Transporter

Docket Number

GST Number

Billing Customer: CCC Landfill For all account enquiries, Manifest Number: Thankyou. please phone 03 941 8999 660518 Custome

Job Number: CCC Job Address: Misc Second Weight Net Weight First Weight TPI Unknown Customer PTL07 Special 25,000 12,340 12,660 Soil Z Z Z Z Class

Date In Product Vehicle Transporter Date Docket Number Out 20/06/2022 20/06/2022 465688

2 09:22:01 2 10:19:52

<u>a</u> a

GST Number This H.  $\Omega$ Tax Invoice 106-854-270

er i Halland die RECOVERY

BURWOOD

PARK RECOVERY KEZONBCE BURWOOD

First Weight : CCC Special Soil Class Eroquet : PTLO1T Vehicle Transporter

Billing Customer: CCC Landfill Customer

: Palmers Transport Ltd

18'150 Kd

7,040 Kg

56,160 Kg

re E2:62:60 SZ0Z/90/0Z : Date Out

: 20/06/2022 08:54:03 at nl etal #8999# :

Docket Number

: 10e-824-270 GST Number

This is a Tax Invoice

bjesse byoue 03 041 8888

For all account enquiries,

Manifest Number: 660518

osiM :asasibbA dot

Job Number: CCC

Net Weight

Second Weight

Thankyou.

: CCC Special Soil Clas:

13'350 KB 11'450 KB 54'140 KB

: PTL03 bil fransport Ltd :

Transporter

JuO etad rd f2:61:10 S20S/90/0Z : rd 09:68:21 ZZ0Z/90/0Z :

Billing Customer: CCC Landfill Custome:

ni əjad Docket Number 60L99t :

For all account enquirites, please phone 03 941 8999

812033 : TedmuN JaalinaM

10b Address: Misc

Job Number: CCC

Thankyou.

Net Weight

Product

Vehicle

Second Weight

First Weight

04Z-198-901: 106-854-270

This is a Tax Invoice

PARK RECOVERY RESOURCE **GOOWAU8** 

Job Job Billing Customer: CCC Lo Manifest Number: 660518 For all account enquiries, Thankyou. please phone Address: Misc Number: CCC 03 CCC Landfill Custome 941 8999

Transporter Vehicle Date In Docket Number First Weight Second Weight Product Net Weight Palmers Transport PTL07 18/07/2022 07:46:08 466393 aca Special 12,340 24,380 12,040 Soil Class Ltd.

Number This L'S Ø Tax 106-854-270

Invoice



# PARK RECOVERY RESOURCE BURWOOD

This is a Tax Invoice

: JOE-854-270

GST Number

Date Out : 20/06/2022 09:25:26 as re 18:83:80 ZZ0Z/90/0Z : ni əteO Docket Number : 165683

: PTLO1 Transporter : Palmers Transport Ltd

Product : CCC Special Soil Clas:

10'800 Kd 15'100 Kd 53'050 Kd

Job Number: CCC

Net Weight

Vehicle

Second Weight

First Weight

Billing Customer: CCC Landfill Customer osiM :searbbA dol

812033 :redmuN JeelinsM

byease phone 03 941 8999 For "11 account enquiries, Thankyou.

# PARK RECOVERY RESOURCE BURWOUD

This is a Tax Invoice

012-428-90T : GST Number

Date Out : 20/06/2022 10:20:20 at re 81:52:60 2202/90/02: ni ətad Docket Namber 689997 :

: CCC Special Soil Clas: Product Vehicle : PTLO7T Transporter : TPI Unknown Customer

Net Weight 18'350 Kd e'680 Kd Second Weight 52'300 Kd First Weight

Manifest Number: 660518 Billing Customer: CCC Landfill Customer osiM :asembbA dot JOD :Tedmin dol

bjesse byone 03 941 8666 For all account enquiries, Thankyou.