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DETAILED SITE INVESTIGATION (Round 1)

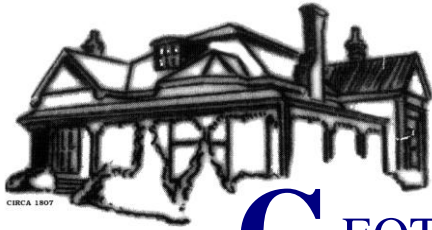
BUSHELLS CONCORD

LOT 2 IN DP230294, Lots 398 & 399 IN DP752023 and Lot 5 IN DP129325

160 BURWOOD ROAD, CONCORD

REPORT NO 20136/1 24 MAY 2022

(Version 1)



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Report No: 20136/1
24 May 2022
Version 1

New Concord Development Pty Ltd
C/- Hatch
Level 3, 50 Carrington Street
SYDNEY NSW 2000
Email: stephen.moore@hatch.com

Attention: Mr S Moore

Dear Sir,

re: **Bushells Concord**
Lot 2 in DP230294, Lots 398 & 399 in DP752023 and Lot 5 in DP129325
160 Burwood Road, Concord
Detailed Site Investigation (Round 1)

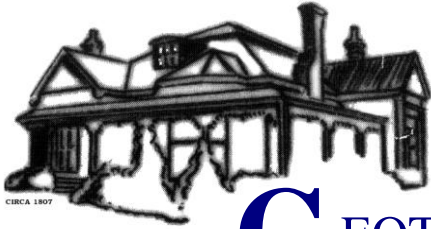
Please find herewith Detailed Site Investigation report (round 1) for the land known as Bushells Concord, registered as Lot 2 in DP230294, Lots 398 & 399 in DP752023 and Lot 5 in DP129325, and located at 160 Burwood Road, Concord (the site).

A brief of the outcome of the investigation is summarised in the Executive Summary.

Should you have any questions, please do not hesitate to contact the undersigned.

Yours faithfully
GEOTECHNIQUE PTY LTD

JAMES NGU
Senior Principal Environmental Engineer
BE MEngSc MIEAust CPEng NER



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EXECUTIVE SUMMARY

This Detailed Site Investigation (round 1) was carried out for the land known as Bushells Concord, registered as Lot 2 in DP230294, Lots 398 & 399 in DP752023 and Lot 5 in DP129325, and located at 160 Burwood Road, Concord (the site), in the local government area of City of Canada Bay Council.

This report was prepared generally in accordance with the NSW Environment Protection Authority (EPA), "Consultants reporting on contaminated land guidelines – NSW EPA, 2020, and to satisfy State "Environmental Planning Policy (Resilience and Hazards)" 2021 which has repealed "Managing Land Contamination: Planning Guidelines, State Environmental Planning Policy No. 55 – Remediation of Land".

The objective is to assess whether there is data gap which is required to be addressed in order to make the site suitable for the proposed neighbourhood centre, medium density residential and public recreation uses, after completion of 2014 and 2015 contamination investigations, 2022 desktop study and 2022 site inspection.

In order to achieve the objective, the scope of works included appraisal of the site history and site reconnaissance.

The historical aerial photographs, NSW Land Registry Services records, Planning Certificates, EPA records, SafeWork NSW records and previous reports (Appendices A, B, C, D, E, F and G) revealed that:

- aerial photographs: the site was developed for commercial / industrial use since 1961; the foreshore appears to be reclaimed between 1961 and 1978; the adjoining eastern property may have been used for industrial purposes prior to 1951 to 1994. Surrounding properties to the north, south and west were a public park, a road and occupied by residential buildings respectively.
- the site is and was owned by commercial / industrial companies. Part of the site (Lot 2, the foreshore) was owned by The Maritime Services Board of New South Wales in 1960s.
- Planning Certificates dated 29 March 2022, under Section 10.7 (2 & 5) of the Environmental Planning and Assessment Act 1979 showed that the site is not affected by any of the matters prescribed by Section 59(2) of the Contaminated Land Management Act 1997 and there was no contaminated land record.
- EPA notices for contaminated lands under Section 58 of the Contaminated Land Management (CLM) Act 1997: The notices relate to investigation and/or remediation of site contamination considered to pose a significant risk of harm under the definition in the CLM Act. A search of the EPA notices on 28 March, 2022 revealed no notices issued for the site.
- The EPA also issues environment protection licences to owners or operators of various industrial premises under the POEO Act to control the air, noise, water and waste impacts of an activity. A search of the POEO Public Register on 28 March 2022 found no records for the site.
- A search of the records held by SafeWork NSW confirmed the site was licensed to store dangerous goods (four Above Ground Storage Tanks {AST} containing sodium hydroxide solution, one AST containing liquid nitrogen, and a pressurised cylinder storage containing liquefied petroleum gas) on the site in 2015. The record also revealed four underground storage tanks (UST) containing flammable liquids (class 3) on the site between 1975 and 1992.

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Executive Summary continued

➤ 2014 Contamination Assessment ¹

The objective of the assessment was to ascertain whether the soil samples (recovered from BH1 to BH10 as shown on the attached Drawing No 13188/3-AA1) being assessed were likely to present a risk of harm to human health and the environment under the condition for the proposed high density residential use.

Fill was encountered at all boreholes up to depth of 5 metres (m).

Based on this assessment it is considered that soils collected are generally unlikely to pose a risk of harm to human health and the environment and are environmentally suitable to retain on site for the proposed development subjected to:

- *Addressing potential Arsenic contamination issue in vicinity of BH5 (0.1-0.4m), which is marginally exceed HIL B, by means of detail investigation, possible remediation and validation.*
- *Elevated BaP concentrations identified in samples BH2 (4.5-4.8m) and split sample S1 (original sample BH9 (2.0-2.3m)) would not pose a risk of harm to human health and the environment due to the fact that these concentrations appear deeper than 2.0m which are unlikely to significant upset any terrestrial ecosystem. However, if the soils were to be excavated and used as topsoil, then they may have an impact on the immediate ecosystems where they landed.*
- *Soil pH ranging from acidic (4) to alkaline (9). Acidic condition could have an impact on footing of structures.*

➤ 2015 Additional Contamination Assessment ²

Further to the above 2014 contamination assessment report; assessment of soil in the area between the pathway and the seawall (the foreshore) was conducted at locations (BH11 to BH16) as shown on the Drawing No 13188/3-AA1 was carried out.

The objective of the assessment was to ascertain whether the soil being assessed are likely to present a risk of harm to human health and the environment.

The six boreholes (BH11 to BH16) showed fill to depths ranging from 2m to 6m.

Based on this assessment, it was considered that the soil samples, recovered from boreholes BH11 to BH16 were unlikely to pose a risk of harm to human health and the terrestrial environment under the conditions for the proposed residential development. It is understood that this portion of the site is proposed for public recreation use.

1: Contamination Assessment report, 160 Burwood Road, Concord, 13188/2-AA, Geotechnique, 2014

2: Additional Contamination Assessment report, 160 Burwood Road, Concord, 13188/4-AA, Geotechnique, 2015

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Executive Summary continued

During site inspection on 18 March 2022, Geotechnique identified the following potential environmental concerns, as shown on the attached Drawing No. 20136/1-AA1:

- a cover lid (well cap) appears to be associated with UST was identified at a potential underground storage tank area (site feature 15);
- Transformer room

We were informed:

- ❖ Asbestos was identified in the main building (factory) and the gate house (guardhouse) ³.
- ❖ Other than liquid nitrogen, phosphorous acid and hydrochloric acid, lubricating oil, degreaser, hydraulic oil and solvents (Isopropyl Alcohol, Methyl Ethyl Ketone, Mineral Turpentine) were also used within the factory.
- ❖ The factory produced coffee from raw coffee bean. There were two main waste products from the process; coffee grounds and caustic solution. While coffee ground removal off site by contractor, the caustic solution which was used to clean the interior of the machineries was neutralised with acid on site and discharge into the sewer system.

Based on the desktop study and the site inspection, the potential environmental concerns (PEC) and the associated potential contaminants of concern within the site are as summarised in the following table.

3: Five Yearly Asbestos Audit For Freshfood Sydney Pty Ltd, 160 Burwood Road, Concord, NSW 10 April 2019, Benbow Environmental

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PEC	Rational / Details	Potential Contaminants
Underground storage tank (UST) areas	<ul style="list-style-type: none"> possible fuel leak Corrosion of possible metal tanks 	<ul style="list-style-type: none"> ➤ Metals ➤ Total Petroleum Hydrocarbons (TPH) ➤ Volatile Organic Compound (VOC) ➤ Benzene, Toluene, Ethyl Benzene and Xylenes (BTEX) ➤ Polycyclic Aromatic Hydrocarbons (PAH) ➤ Phenols
Fill within the site	<ul style="list-style-type: none"> Potential imported fill (soil, etc.) could have been contaminated at the source site(s) 	<ul style="list-style-type: none"> ➤ Asbestos, Metals, TPH, VOC, BTEX, PAH, Phenols ➤ Organochlorine Pesticides (OCP) ➤ Polychlorinated Biphenyls (PCB) ➤ etc.
Beneath and in the vicinity of the factory & guardhouse	<ul style="list-style-type: none"> Possible residue of asbestos containing material during construction Possible leaking of lubricating oil, degreaser, hydraulic oil and solvents (Isopropyl Alcohol, Methyl Ethyl Ketone, Mineral Turpentine) through the concrete slab of the factory 	<ul style="list-style-type: none"> ➤ Asbestos ➤ TPH, VOC, BTEX, PAH & Phenols (beneath and in the vicinity of the factory)
Transformer room	<ul style="list-style-type: none"> Possible PCB leak 	<ul style="list-style-type: none"> ➤ PCB
Prior to Bushells, the site was believed to have been occupied by a timber yard	<ul style="list-style-type: none"> Possible use or leaching of wood preservative 	<ul style="list-style-type: none"> ➤ Chromium, Copper, Arsenic, Boron ➤ Naphthalene ➤ OCP ➤ Pentachlorophenol ➤ Creosote (predominantly PAH and Phenols)
Adjoining eastern industrial property (prior to 1951 to 1994)	Potential off-site migration of any contaminants via groundwater or surface run-off	<ul style="list-style-type: none"> ➤ Metals, TPH, VOC, BTEX, PAH, OCP, Phenols ➤ Semi-Volatile Organic Compound (SVOC) ➤ etc.

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Executive Summary continued

The potential receptors, the potential sources and the potential exposure pathways would be as follows.

Potential Receptors	Potential Sources	Potential Exposure Pathways
<u>On-site:</u> <ul style="list-style-type: none"> Human Environment (groundwater and soil; plant) <u>Off-site:</u> <ul style="list-style-type: none"> Human Exile Bay / Parramatta River Groundwater and soil; plant 	<u>On-site:</u> <p>Contaminated soil/fill & potential contaminated groundwater</p> <u>Off-site:</u> <p>Potential contaminated soil & groundwater from adjoining eastern industrial property</p>	<u>On-site:</u> <ul style="list-style-type: none"> ➤ Outdoor and indoor inhalation of VOC vapours and asbestos fibres ➤ Incidental ingestion of dust particulates and dermal contact with dust particulates and groundwater <u>Off-site:</u> <ul style="list-style-type: none"> ➤ Outdoor and indoor inhalation of VOC vapours and asbestos fibres ➤ Incidental ingestion of dust particulates and contaminated surface water ➤ Dermal contact with dust particulates, surface water and groundwater

*Detailed Site Investigation (Round 1)
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Recommendations:

The 2015 contamination assessment indicated the soil samples recovered from boreholes BH11 to BH16 (the foreshore) were unlikely to pose a risk of harm to human health and the terrestrial environment under the conditions for the proposed residential development.

However, based on the above mentioned potential environmental concerns, with the consideration of the potential receptors, the potential sources and the potential exposure pathways, the following should be considered in order to make the site suitable for the proposed neighbourhood centre, medium density residential and public recreation uses.

- In accordance with the NSW EPA "*Sampling Design Guidelines for Contaminated Sites*", samples should be recovered from a minimum of 50 locations systematically across the site. Only 16 locations had been investigated so far. Completion of investigation for the remaining 34 locations will be required, preferable (due to access restriction) after completion of demolition of the factory the administration building, the transformer room and the gate house.
- Investigation of the soil at and in the vicinity of the existing / previous underground storage tanks (UST) will also be required to determine the contamination status.
- Should any new locations of concern be identified during the above proposed investigations, delineation will be required to determine the extent of contamination.

The 2014 report identified Arsenic concentration of concern at BH5 (0.1-0.4m) and Benzo(a)Pyrene (BaP) concentrations of concern at BH2 (4.5-4.8m) and BH9 (2.0-2.3m). Copper and Zinc concentrations of concern were also identified at BH2 (4.5-4.8m), delineation is therefore also be required

- Groundwater investigation and / or soil gas investigation would be required.

It is considered reasonable for conditional development consent to be issued to require the above recommendations. Based on the results of the testing to determine the need or otherwise for remediation. It is our opinion that based on this approach Council can be satisfied that the site can be made suitable for the proposed uses.

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Drawing No. 20136/1-AA1

Drawing No. 13188/3-AA1

APPENDICES

APPENDIX A: Historical Aerial Photographs

APPENDIX B: NSW Land Registry Services Records

APPENDIX C: Section 10.7 (2 & 5) Planning Certificates

APPENDIX D: NSW EPA Record of Notices & Environment Protection Licences

APPENDIX E: SafeWork NSW Records

APPENDIX F: 2014 Report 13188/2-AA

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APPENDIX H: WaterNSW Records

APPENDIX I: Environmental Notes

Detailed Site Investigation (Round 1)

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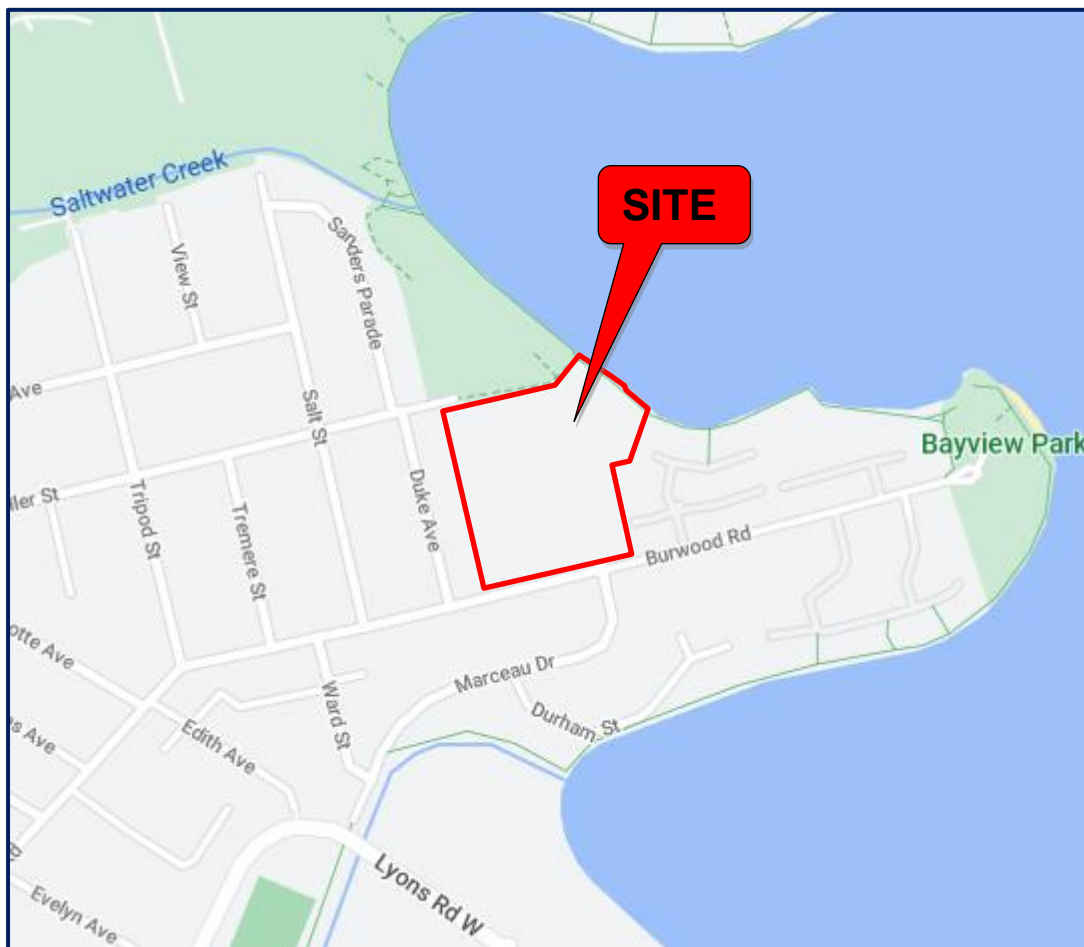
Lot 2 in DP230294, Lots 398 & 399 in DP752023, and Lot 5 in DP129325

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1.0 INTRODUCTION

This report presents the outcome of a detailed site investigation (round 1) for the land known as Bushells Concord, currently registered as Lot 2 in DP230294, Lots 398 & 399 in DP752023 and Lot 5 in DP129325, and located at 160 Burwood Road, Concord (the site) in the local government area of City of Canada Bay Council, as indicated below.



Map Data ©2022 Google

It is understood that the site is proposed for neighbourhood centre, medium density residential and public recreation uses. The objective of this investigation is to assess whether there is data gap which is required to be addressed in order to make the site suitable for the proposed neighbourhood centre, medium density residential and public recreation uses, after completion of 2014 and 2015 contamination investigations, 2022 desktop study and 2022 site inspection.

This report was prepared generally in accordance with the NSW Environment Protection Authority (EPA), "Consultants reporting on contaminated land guidelines – NSW EPA, 2020, and to satisfy State "Environmental Planning Policy (Resilience and Hazards)" 2021 which has repealed and "Managing Land Contamination: Planning Guidelines, State Environmental Planning Policy No. 55 – Remediation of Land".

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2.0 SCOPE OF WORKS

In order to achieve the objectives, the following scope of works was conducted:

- Desktop study of
 - historical aerial photographs
 - NSW Land Registry Services records
 - Section 10.7 (2 & 5) Planning Certificates
 - NSW Environment Protection Authority (EPA) records
 - SafeWork NSW records
 - geological and soil landscape maps
 - groundwater data
 - reports (13188/2-AA, 13188/4-AA, etc.) prepared in 2014, 2015 and 2019.
- An inspection for current site conditions and identification of any environmental concerns based on visual and olfactory indicators of potential contamination.

3.0 SITE IDENTIFICATION

The site is located at 160 Burwood Road, Concord in the local government area of City of Canada Bay Council and is registered as Lot 2 in DP230294, Lots 398 & 399 in DP752023, and Lot 5 in DP129325.

As shown on Drawing No. 20136/1-AA1, the site is irregular in shape covering an area of about 4 hectares.

Reference should be made to the cadastral, deposited and crown plans in Appendix B for details of the site location and dimensions.

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4.0 SITE HISTORY

In order to formulate a picture of the site history and to assist in identification of any potential contamination, Geotechnique Pty Ltd (Geotechnique) reviewed available information, including historical aerial photographs, NSW Land Registry Services records, Planning Certificate under Section 10.7 of the Environmental Planning and Assessment Act, NSW EPA record of Notices for Contaminated Land and records of the Protection of the Environment Operations (POEO) Public Register, SafeWork NSW information on potential licensing to keep dangerous goods, and previous reports.

The review is presented in the following sub-sections.

4.1 Aerial Photographs

Aerial photographs taken in 1951, 1961, 1971, 1978, 1986, 1994, 2002, 2009 and 2021 (Appendix A) were examined. Due to scale, some of the listed observations are best interpretations only.

1951	The site is mostly vacant. There is a large structure on the northern portion of the site with a jetty which extends into a water body. Some unidentified objects were noted within the site. Streets adjoin the northern and southern site boundaries; a possible industrial factory adjoins the eastern boundary and residential properties adjoin the western boundary of the site.
1961	The large structure in the northern portion of the site has been removed, disturbances appear throughout the site and there is a new building in the southern portion of the site. The land surrounding the site appears to remain unchanged since 1951
1971	The building is getting larger. The foreshore of the site appears to be extended north eastwards with obvious filling activities. Surrounding land appears unchanged since 1961 with an exception the adjoining land to the north appears to be a public park.
1978	Other than the building, there appears to be a carpark covers most of the remaining site. The surrounding land appears unchanged since 1971.
1986	The site and surrounding land appears unchanged since 1978.
1994	The site appears to be unchanged since 1986 with exception of what appears to be an above ground storage tank (AST) located in the south eastern corner of the site. Surrounding land appears unchanged since 1986 with exception of land clearing in the adjoining eastern property.
2002	The site and the surrounding land appears unchanged since 1994, with an exception residential development in the adjoining eastern land.
November 2009 & December 2021	The site and surrounding land appear unchanged since 2002.

In summary, the aerial photographs reveal that the site was developed for commercial / industrial use since 1961; the foreshore appears to be reclaimed between 1961 and 1978; the adjoining eastern property may have been used for industrial purposes prior to 1951 to 1994. Surrounding properties to the north, south and west were a public park, a road and occupied by residential buildings respectively.

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4.2 NSW Land Registry Services Records

Reference should be made to Appendix B for the NSW Land Registry Services records. The chronological list of proprietors for the site is summarised in the tables below.

Lot 2 DP230294

Year	Proprietor
1998 - 2022	Freshfood Sydney Pty Limited
1984 - 1998	Bushells Foods Pty Limited
1966 - 1984	Bushells Pty Limited
1966	The Maritime Services Board of New South Wales

Lots 398 & 399 DP752023 & Lot 5 DP129325

Year	Proprietor
1998 - 2022	Freshfood Sydney Pty Limited
1984 - 1998	Bushells Foods Pty Limited
1956 - 1984	Bushells Pty Limited
1951 - 1956	Murray Bros. Pty Limited

The records indicate generally the site is and was owned by commercial / industrial companies. Part of the site (Lot 2, the foreshore) was owned by The Maritime Services Board of New South Wales in 1960s.

4.3 Section 10.7 Planning Certificates

Planning Certificate Nos. PC2022/0752, PC2022/0753, PC2022/0754, and PC2022/0755 under Section 10.7 (2 & 5) of the Environmental Planning and Assessment Act 1979, for Lot 2 in DP230294, Lot 398 in DP752023, Lot 399 in DP752023 and Lot 5 in DP129325, issued on 29 March 2022 by City of Canada Bay Council (Appendix C), indicated the following:

- The site is zoned IN1 General Industrial.
- The site does not include or comprise critical habitat.
- The site is not within a conservation area.
- An item of environmental heritage is not situated on the site.
- The site is not affected by any of the matters prescribed by Section 59(2) of the Contaminated Land Management Act 1997.

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4.4 NSW EPA Record of Notices and Environment Protection Licences

- The NSW OEH maintains the record of EPA notices for contaminated lands under Section 58 of the Contaminated Land Management (CLM) Act 1997. The notices relate to investigation and/or remediation of site contamination considered to pose a significant risk of harm under the definition in the CLM Act. A search of the EPA notices on 28 March, 2022 revealed no notices issued for the site. It should be noted that the NSW EPA record for Contaminated Land does not provide a record of all contaminated lands in NSW. At the time of searching the records, 411 sites in NSW were registered in the database.
- The EPA issues environment protection licences to owners or operators of various industrial premises under the POEO Act to control the air, noise, water and waste impacts of an activity. A search of the POEO Public Register on 28 March 2022 found no records for the site.
-

NSW EPA and the POEO Public Register records are detailed in Appendix D of this report.

4.5 SafeWork NSW Records

A request was made to SafeWork NSW to search for any information on storage of hazardous chemicals.

A search of the records held by SafeWork NSW (Appendix E) revealed the site was licensed to store dangerous goods (four Above Ground Storage Tanks {AST} containing sodium hydroxide solution, one AST containing liquid nitrogen, and a pressurised cylinder storage containing liquefied petroleum gas) on the site in 2015. The record also revealed four underground storage tanks (UST) containing flammable liquids (class 3) on the site between 1975 and 1992.

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4.6 Summary of Previous Reports

Contamination Assessment Report 13188/2-AA 2014 (Appendix F)

The objective of the assessment was to ascertain whether the soil samples being assessed were likely to present a risk of harm to human health and the environment under the condition for the proposed high density residential use.

The available information associated with report prepared by SLR Consulting Australia Pty Ltd indicated 11 areas of environmental concern (AEC1 to AEC11) within the site and there was a potential for the site to be contaminated with “hydrocarbons, metals, pesticide, asbestos and PCBs”. Borehole locations were appropriately located corresponding to the AECs.

Bushells website provides an article about Bushell's history. According to the article, Bushells purchased the site in 1956. Prior to that, the site was believed to have been occupied by a timber yard.

Soil samples were recovered from ten (10) boreholes locations (as shown on the attached Drawing No 13188/3-AA1) in 2014 and forwarded to National Association of Testing Authorities (NATA) accredited testing laboratories for Chemical analysis.

Fill was encountered at all boreholes up to depth of 5 metres (m) as summarised in the table below.

Topsoil	The following types of topsoil were encountered: Type 1: Silty Sand, grey, with root fibres. Type 2: Silty Clay, grey, inclusion of sandstone fragments.
Fill	The following types of fill were encountered: Type 1: Silty Sand, brown with clay and gravel. Type 2: Silty Clay, grey, trace of ironstone. Type 3: Sandy Clay, dark brown, trace of gravel. Type 4: Silty Sand, grey, inclusion of gravel. Type 5: Silty Clay, grey, inclusion of gravel. Type 6: Sand Clay, dark grey.
Natural Soil	The following types of natural soil were encountered: Type 1: Silty SAND, dark grey. Type 2: Sandy CLAY, brown and grey. Type 3: Silty CLAY, grey.

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Based on site observation, the soil profile and the potential for contamination, the below testing strategy was adopted:

Environmental Concern	Borehole	Testing Strategy
<i>In the vicinity of above ground tanks (ASTs), potential underground fuel tanks (USTs)</i>	<i>BH2, BH5, BH9 and BH10</i>	<i>Full range including metals, TPH, BTEX, PAH, OCP, PCB, total Phenols, total Cyanides, pH and Asbestos for top layer of fill or topsoil, lower layer of fill and natural soil layer immediately below fill.</i>
<i>For screening in related to timber yard and possible pH issue</i>	<i>All boreholes</i>	<i>Metals, OCP, PAH and pH for all top layer topsoil or fill and some lower fill layers.</i>
<i>Screening for imported fill</i>	<i>All boreholes</i>	<i>Full range for each fill type.</i>

Based on this assessment it is considered that soils collected are generally unlikely to pose a risk of harm to human health and the environment and are environmentally suitable to retain on site for the proposed development subjected to:

- *Addressing potential Arsenic contamination issue in vicinity of BH5 (0.1-0.4m), which is marginally exceed HIL B, by means of detail investigation, possible remediation and validation.*
- *Elevated BaP concentrations were identified in samples BH2 (4.5-4.8m) and split sample S1 (original sample BH9 (2.0-2.3m)) do not pose a risk of harm to human health and the environment due to the fact that these concentrations appear deeper than 2.0m which are unlikely to significant upset any terrestrial ecosystem. However, if the soils were to be excavated and used as topsoil, then they may have an impact on the immediate ecosystems where they landed.*
- *Soil pH ranging from acidic (4) to alkaline (9). Acidic condition could have an impact on footing of structures.*

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Additional Contamination Assessment Report 13188/4-AA 2015 (Appendix G)

Further to the above 2014 contamination assessment report; assessment of soil in the area between the pathway and the seawall (the foreshore) was conducted at locations (BH11 to BH16) as shown on the Drawing No 13188/3-AA1 was carried out.

The objective of the assessment was to ascertain whether the soil being assessed are likely to present a risk of harm to human health and the environment under the conditions for the proposed residential development.

The six boreholes (BH11 to BH16) showed fill to depths ranging from 2m to 6m, overlying natural soil and overlying sandstone bedrock, as summarised in the table below.

Topsoil	Sandy Silt, dark brown with some roots
Fill	Sandy Gravel, yellow, brown Silty Sandy Clay, red brown Silty Clayey Sand, with some gravel Silty Clay, grey, with some gravels
Natural	Silty Sand, brown, red, with some ironstone Silty Sandy Clay, red, brown Silty Clayey Sand, grey, brown, red
Bedrock	Sandstone, grey, brown

The recovered soil samples were analysed for the following potential contaminants of concern:

- Metals, including, arsenic (As), cadmium (Cd), chromium (Cr), copper (Cu), lead (Pb), mercury (Hg), nickel (Ni) and zinc (Zn).
- Total Recoverable Hydrocarbons (TRH).
- Benzene, Toluene, Ethyl Benzene and Xylenes (BTEX).
- Organochlorine Pesticides (OCP).
- Polycyclic Aromatic Hydrocarbons (PAH).
- Polychlorinated Biphenyls (PCB).
- Cyanides.
- Phenols.
- Asbestos.

Based on this assessment, it was considered that the soil samples, recovered from boreholes BH11 to BH16 were unlikely to pose a risk of harm to human health and the terrestrial environment under the conditions for the proposed residential development. It is understood that this portion of the site is proposed for public recreation use.

Detailed Site Investigation (Round 1)

Bushells Concord

20136/1

Lot 2 in DP230294, Lots 398 & 399 in DP752023, and Lot 5 in DP129325

160 Burwood Road, Concord

24 May 2022 Version 1

5.0 SITE CONDITION AND SURROUNDING ENVIRONMENT

5.1 Site Condition

An Environmental Engineer from Geotechnique observed the following (as shown on the attached Drawing No. 20136/1-AA1) during site inspection on 18 March 2022:

- Guardhouse
- Administration building
- Coffee factory (main building)
- Bitumen car parks
- Trucks manoeuvring and loading concrete area
- Footpath
- Landscape areas
- Transformer room
- Above ground liquid nitrogen, phosphorous acid and hydrochloric acid storage tanks
- Scrap metal, disused furniture, caustic soda room, gas main supply, wheelbarrow, lawn mower, diesel oil staining, pallets, galvanized iron shed with liquefied petroleum gas cylinders, etc.

Open area of the site was covered with bitumen, concrete, grass or tree.

There were no obvious ash materials, asbestos sheets / pieces, odour in the landscape areas that would indicate the potential for contamination.

There were also no obvious features (bowser and breather pipe) associated with underground storage tank (UST); however, a cover lid (well cap) appears to be associated with UST was identified at a potential underground storage tank area (site feature 15, as shown on the attached Drawing No. 20136/1-AA1).

Asbestos was identified in the main building (factory) and the gate house (guardhouse).

Other than liquid nitrogen, phosphorous acid and hydrochloric acid, lubricating oil, degreaser, hydraulic oil and solvents (Isopropyl Alcohol, Methyl Ethyl Ketone, Mineral Turpentine) were also used within the factory.

The factory produced coffee from raw coffee bean. There were two main waste products from the process; coffee grounds and caustic solution. While coffee ground removal off site by contractor, the caustic solution which was used to clean the interior of the machineries was neutralised with acid on site and discharge into the sewer system. If the neutralization was not done appropriately or if there was spillage of either the caustic waste or the acid, soil pH within the site could be altered.

Detailed Site Investigation (Round 1)

Bushells Concord

20136/1

Lot 2 in DP230294, Lots 398 & 399 in DP752023, and Lot 5 in DP129325

160 Burwood Road, Concord

24 May 2022 Version 1

5.2 Surrounding Environment

At the time of the inspection, observations of the neighbouring properties were as follows:

To the north: Public Recreation.

To the south: Burwood Road; residential properties across the road.

To the east and west: residential properties.

To the north-east: Exile Bay / Parramatta River

The site features, as well as the layout of the site and surrounding properties are indicated on Drawing No. 20136/1-AA1.

6.0 TOPOGRAPHY, GEOLOGY & HYDROGEOLOGY

In general, the site was relatively flat.

The Geological Map of Sydney (Geological Series Sheet 9130, Scale 1:100,000, 1983), published by the Department of Mineral Resources indicates the residual soils within the site to be underlain by Hawkesbury Sandstone comprising medium to coarse grained quartz sandstone, very minor shale and laminitic lenses.

The Soil Landscape Map of Sydney (soil Landscape Series Sheet 9130, Scale 1:100,000, 2002), prepared by the Soil Conservation Service of NSW, indicates that most of the site is located within the Gympie Soil Landscape characterized by undulating to rolling rises and low hills on Hawkesbury Sandstone. The subsurface soils are typically characterised by high soil erosion hazard, rock outcrop, high permeability and very low fertility.

The Soil Landscape map also indicates the northern portion of the site encompasses disturbed terrain comprising land that is extensively disturbed by human activity including complete disturbance, removal or burial of soil, or landfill including soil, rock, building, and waste materials.

Groundwater² during auger boring was encountered at the following depths:

BH	Groundwater Depth (m)
11	4.0
12	1.8
13	2.5
14	3.0
16	3.0

A search was carried out on 28 March 2022 through the website of WaterNSW for any registered groundwater bore data within 500 metres (m) of the site. The search revealed no bores were present within this radius (Appendix H).

2: Additional geotechnical investigation report, 160 Burwood Road, Concord, 13188/3-AA, 3 August 2015, Geotechnique

Detailed Site Investigation (Round 1)

Bushells Concord

20136/1

Lot 2 in DP230294, Lots 398 & 399 in DP752023, and Lot 5 in DP129325

160 Burwood Road, Concord

24 May 2022 Version 1

7.0 CONCEPTUAL SITE MODELS

Based on the desktop study and the site inspection, the potential environmental concerns (PEC) and the associated potential contaminants of concern within the site are as summarised in the following table.

PEC	Rational / Details	Potential Contaminants
Underground storage tank (UST) areas	<ul style="list-style-type: none"> possible fuel leak Corrosion of possible metal tanks 	<ul style="list-style-type: none"> ➤ Metals ➤ Total Petroleum Hydrocarbons (TPH) ➤ Volatile Organic Compound (VOC) ➤ Benzene, Toluene, Ethyl Benzene and Xylenes (BTEX) ➤ Polycyclic Aromatic Hydrocarbons (PAH) ➤ Phenols
Fill within the site	<ul style="list-style-type: none"> Potential imported fill (soil, etc.) could have been contaminated at the source site(s) 	<ul style="list-style-type: none"> ➤ Asbestos, Metals, TPH, VOC, BTEX, PAH, Phenols ➤ Organochlorine Pesticides (OCP) ➤ Polychlorinated Biphenyls (PCB) ➤ etc.
Beneath and in the vicinity of the factory & guardhouse	<ul style="list-style-type: none"> Possible residue of asbestos containing material during construction Possible leaking of lubricating oil, degreaser, hydraulic oil and solvents (Isopropyl Alcohol, Methyl Ethyl Ketone, Mineral Turpentine) through the concrete slab of the factory 	<ul style="list-style-type: none"> ➤ Asbestos ➤ TPH, VOC, BTEX, PAH & Phenols (beneath and in the vicinity of the factory)
Transformer room	<ul style="list-style-type: none"> Possible PCB leak 	<ul style="list-style-type: none"> ➤ PCB
Prior to Bushells, the site was believed to have been occupied by a timber yard	<ul style="list-style-type: none"> Possible use or leaching of wood preservative 	<ul style="list-style-type: none"> ➤ Chromium, Copper, Arsenic, Boron ➤ Naphthalene ➤ OCP ➤ Pentachlorophenol ➤ Creosote (predominantly PAH and Phenols)
Adjoining eastern industrial property (prior to 1951 to 1994)	Potential off-site migration of any contaminants via groundwater or surface run-off	<ul style="list-style-type: none"> ➤ Metals, TPH, VOC, BTEX, PAH, OCP, Phenols ➤ Semi-Volatile Organic Compound (SVOC) ➤ etc.

Detailed Site Investigation (Round 1)

Bushells Concord

20136/1

Lot 2 in DP230294, Lots 398 & 399 in DP752023, and Lot 5 in DP129325

160 Burwood Road, Concord

24 May 2022 Version 1

Migration of any contaminants to the deeper soil and/or groundwater regime would generally be via leaching from the surface soil and or UST, facilitated by infiltration of surface water.

The site is mostly covered with buildings, concrete or bitumen which would minimise the potential for contaminants migrating to deeper soil and groundwater under current site condition.

Off-site impacts of any contaminants are generally governed by the transport media available and likely receptor(s). The most common transport medium is water and wind; receptors include uncontaminated soil, groundwater, surface water bodies, humans, flora and fauna.

Again, as the site is mostly covered with buildings and concrete / bitumen hardstands, off-site migration of any contaminants from the footprints of buildings and concrete / bitumen hardstands via the wind and the surface water run-off would be unlikely.

However, there is a possibility of leaching of any contaminants to deeper soil and/or groundwater due to surface water run-off, through the joints / any cracks of the hardstands; perhaps to an even greater extent after removal of concrete / bitumen hardstands during redevelopment of the site.

The foreshore Exile Bay / Parramatta River defines the site's north eastern boundary. There is a possibility of leaching of any contaminants from the uncovered north eastern portion of the site to the water body.

The potential receptors, the potential sources and the potential exposure pathways would be as follows.

Potential Receptors	Potential Sources	Potential Exposure Pathways
<u>On-site:</u> <ul style="list-style-type: none"> Human Environment (groundwater and soil; plant) <u>Off-site:</u> <ul style="list-style-type: none"> Human Exile Bay / Parramatta River Groundwater and soil; plant 	<u>On-site:</u> <p>Contaminated soil/fill & potential contaminated groundwater</p> <u>Off-site:</u> <p>Potential contaminated soil & groundwater from adjoining eastern industrial property</p>	<u>On-site:</u> <ul style="list-style-type: none"> ➤ Outdoor and indoor inhalation of VOC vapours and asbestos fibres ➤ Incidental ingestion of dust particulates and dermal contact with dust particulates and groundwater <u>Off-site:</u> <ul style="list-style-type: none"> ➤ Outdoor and indoor inhalation of VOC vapours and asbestos fibres ➤ Incidental ingestion of dust particulates and contaminated surface water ➤ Dermal contact with dust particulates, surface water and groundwater

Detailed Site Investigation (Round 1)

Bushells Concord

20136/1

Lot 2 in DP230294, Lots 398 & 399 in DP752023, and Lot 5 in DP129325

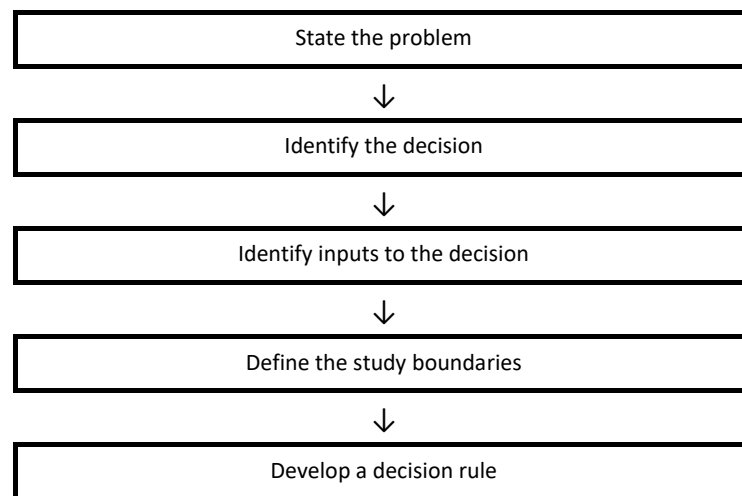
160 Burwood Road, Concord

24 May 2022 Version 1

8.0 DATA QUALITY OBJECTIVE

The Data quality objectives (DQO) developed for this investigation was generally based on the Guidelines for the NSW Site Auditor Scheme (3rd edition).

This site specific DQO adopted consists of the following steps and is outlined as follows:



State the Problem

It is understood that the site is proposed for neighbourhood centre, medium density residential and public recreation uses. The 'problem' as it stands is that previous and existing industrial land use might have given rise to soil and groundwater contamination, as well as might impact the proposed uses and Exile Bay / Parramatta River.

The sources of potential environmental concerns (PEC) within the site would be the underground fuel tanks, fill potentially be imported, asbestos and the transformer. In addition, possible off-site contaminants migrated from potential industrial activity within the adjoining eastern property to the site.

Identify the Decisions

The decisions to be made are as follows:

- Is there any data gap which is required to be addressed in order to make the site suitable for the proposed uses, after completion of 2014 and 2015 contamination investigations, recent desktop study and inspection?
- Is further investigation required to adequately address the abovementioned decisions?

Detailed Site Investigation (Round 1)

Bushells Concord

20136/1

Lot 2 in DP230294, Lots 398 & 399 in DP752023, and Lot 5 in DP129325

160 Burwood Road, Concord

24 May 2022 Version 1

Identify Inputs to the Decisions

The inputs into the decision process are as follows:

- Historical information (presented in Section 4.0).
- Site conditions (presented in Section 5.0).
- Geological and hydrogeological study (Section 6.0).
- Conceptual Site Models (Section 7.0).

The following key professional personnel were involved:

James Ngu	Senior Principal Environmental Engineer
Danda Sapkota	Associate (Senior Environmental Engineer)
An Nguyen	Environmental Scientist
Xiao Zhang	Environmental Scientist

Define the Study Boundaries

The study boundary for this investigation is defined by boundaries of the site, as shown on Drawing No 20136/1-AA1 and summarised in Section 3.0 of this report.

Develop a Decision Rule

The information obtained through the following desktop study and site inspection will be used to form a decision.

- Desktop study of
 - historical aerial photographs
 - NSW Land Registry Services records
 - Section 10.7 (2 & 5) Planning Certificates
 - NSW Environment Protection Authority (EPA) records
 - SafeWork NSW records
 - geological and soil landscape maps
 - groundwater data
 - reports (13188/2-AA, 13188/4-AA, etc.) prepared in 2014, 2015 and 2019.
- An inspection for current site conditions and identification of any environmental concerns based on visual and olfactory indicators of potential contamination.

Detailed Site Investigation (Round 1)

Bushells Concord

20136/1

Lot 2 in DP230294, Lots 398 & 399 in DP752023, and Lot 5 in DP129325

160 Burwood Road, Concord

24 May 2022 Version 1

9.0 RECOMMENDATIONS

The 2015 contamination assessment indicated the soil samples recovered from boreholes BH11 to BH16 (the foreshore) were unlikely to pose a risk of harm to human health and the terrestrial environment under the conditions for the proposed residential development.

However, based on the above mentioned potential environmental concerns, with the consideration of the potential receptors, the potential sources and the potential exposure pathways, the following should be considered in order to make the site suitable for the proposed neighbourhood centre, medium density residential and public recreation uses.

- In accordance with the NSW EPA "*Sampling Design Guidelines for Contaminated Sites*", samples should be recovered from a minimum of 50 locations systematically across the site. Only 16 locations had been investigated so far. Completion of investigation for the remaining 34 locations will be required, preferable (due to access restriction) after completion of demolition of the factory the administration building, the transformer room and the gate house.
- Investigation of the soil at and in the vicinity of the existing / previous underground storage tanks (UST) will also be required to determine the contamination status.
- Should any new locations of concern be identified during the above proposed investigations, delineation will be required to determine the extent of contamination.

The 2014 report identified Arsenic concentration of concern at BH5 (0.1-0.4m) and Benzo(a)Pyrene (BaP) concentrations of concern at BH2 (4.5-4.8m) and BH9 (2.0-2.3m). Copper and Zinc concentrations of concern were also identified at BH2 (4.5-4.8m), delineation is therefore also be required

- Groundwater investigation and / or soil gas investigation would be required.

It is considered reasonable for conditional development consent to be issued to require the above recommendations. Based on the results of the testing to determine the need or otherwise for remediation. It is our opinion that based on this approach Council can be satisfied that the site can be made suitable for the proposed uses.

*Detailed Site Investigation (Round 1)
Bushells Concord
20136/1
Lot 2 in DP230294, Lots 398 & 399 in DP752023, and Lot 5 in DP129325
160 Burwood Road, Concord
24 May 2022 Version 1*

10.0 LIMITATIONS

The services performed by Geotechnique in preparing this report were conducted in a manner consistent with the level of quality and skill generally exercised by members of the profession and consulting practice.

To the best of our knowledge, all information obtained and contained in this report is true and accurate. No further investigation has been carried out to authenticate the information provided. Supporting documentations were obtained where possible, some of which are contained in this report.

This report has been prepared for New Concord Development Pty Ltd and Hatch for the purpose stated within. City of Canada Bay Council can rely on the report in making development application determination. Any reliance on this report by other parties shall be at such parties' sole risk, as the report might not contain sufficient information for other purposes.

This report shall only be presented in full and may not be used to support any other objective than those set out in the report, except where written approval is provided by Geotechnique.

The information in this report is considered accurate at the completion of field work on 18 March 2022. Any variations to the site form or use beyond that date will nullify the conclusions and recommendations stated.

Presented in Appendix I is a document entitled "Environmental Notes", which should be read in conjunction with this report.

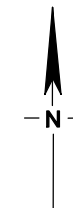
LIST OF REFERENCES

- *Additional Contamination Assessment report, 160 Burwood Road, Concord, 13188/4-AA, Geotechnique, 2015*
- *Additional geotechnical investigation report, 160 Burwood Road, Concord, 13188/3-AA, Geotechnique, 2015*
- *Consultants reporting on contaminated land guidelines – NSW EPA, 2020*
- *Contamination Assessment report, 160 Burwood Road, Concord, 13188/2-AA, Geotechnique, 2014*
- *Contaminated Land Management Act*
- *Contaminated Land Management: Guidelines for the NSW Site Auditor Scheme (3rd Edition) – NSW EPA*
- *Five Yearly Asbestos Audit For Freshfood Sydney Pty Ltd, 160 Burwood Road, Concord, NSW, Benbow Environmental, 2019*
- *Geological Map of Sydney (Geological Series Sheet 9130, Scale 1:100,000, 1983), published by the Department of Mineral Resources*
- *National Environment Protection (Assessment of Site Contamination) Measures, 1999 (April 2013) - National Environmental Protection Council*
- *Protection of the Environment Operations Act*
- *Soil Landscape Map of Sydney (soil Landscape Series Sheet 9130, Scale 1:100,000, 2002),*
- *State "Environmental Planning Policy (Resilience and Hazards)" 2021*

DRAWINGS

Drawing No. 20136/1-AA1

Drawing No. 13188/3-AA1



S/F#	Description
1	Above ground liquid nitrogen, phosphorous acid and hydrochloric acid storage tanks*
2	Bitumen car park (potentially filled) in the vicinity of administration building
3	Scrap metal, disused furniture etc.
4	Caustic soda * room
5	Coffee factory
6	Gas main supply
7	Wheelbarrow, lawn mower & diesel oil staining.
8	Transformer room
9	Pallets
10	Galvanized iron shed with liquefied petroleum gas cylinders *
11	Landscape area, previously occupied by building
12	Bitumen car park
13	Trucks manoeuvring and loading concrete area
14	Footpath
15	Potential underground storage tank
16	Administration building
17	Guardhouse

Note *: registered with Safe Work

LEGEND

--- Wire mesh fence

Open area was covered with concrete, bitumen, grass or tree

Imagery ©2022 NearMap.com



PO Box 880
Penrith NSW 2750
Tel: 02 4722 2700
Fax: 02 4722 2777
e-mail: info@geotech.com.au
www.geotech.com.au

NOTES

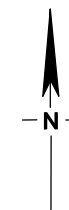
1. Site features are indicative and are not to scale.
2. This drawing has been produced using a base plan provided by others to which additional information e.g test pits, borehole locations or notes have been added. Some or all of the plan may not be relevant at the time of producing this drawing

Bushells Site
160 Burwood Road, Concord

Site Features

Drawing No: 20136/1
Job No: 20136/1
Drawn By: XZ
Date: 31 March 2022
Checked By: JN

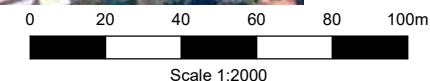
File No: 20136-1
Layers: 0, AA1



LEGEND

- Borehole (August 2014)
- Borehole (July 2015)

Imagery ©2014 NearMap.com



GEOTECHNIQUE
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Fax: 02 4722 2777
e-mail: info@geotech.com.au
www.geotech.com.au

NOTES

1. Site features are indicative and are not to scale.
2. This drawing has been produced using a base plan provided by others to which additional information e.g test pits, borehole locations or notes have been added. Some or all of the plan may not be relevant at the time of producing this drawing

Nix Management Pty Ltd
Proposed Development
Robert Timms Factory Site (Bushell's)
160 Burwood Road, Concord

Borehole Locations

Drawing No: 13188/3-AA1
Job No: 13188/3
Drawn By: MH
Date: 30 July 2015
Checked By: ZA

File No: 13188-3
Layers: 0, AA1

APPENDIX A

HISTORICAL AERIAL PHOTOGRAPHS

20136/1



December 2021



November 2009

20136/1



2002



1994

20136/1



1986

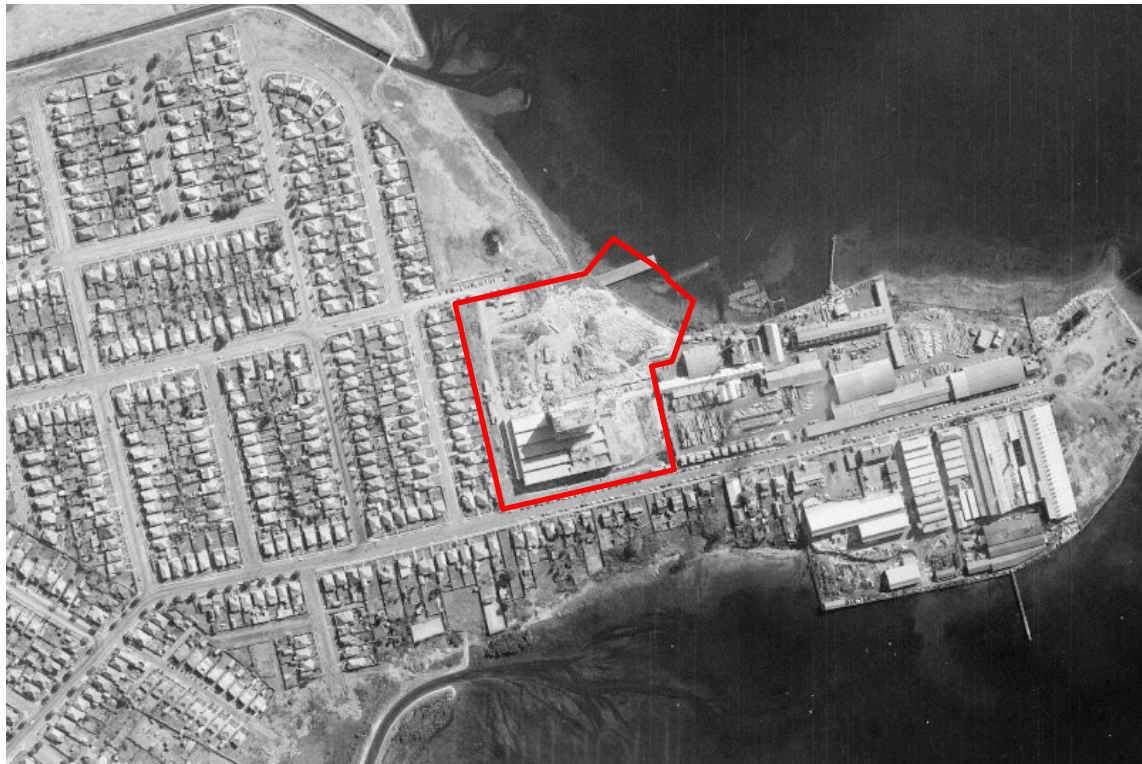


1978

20136/1

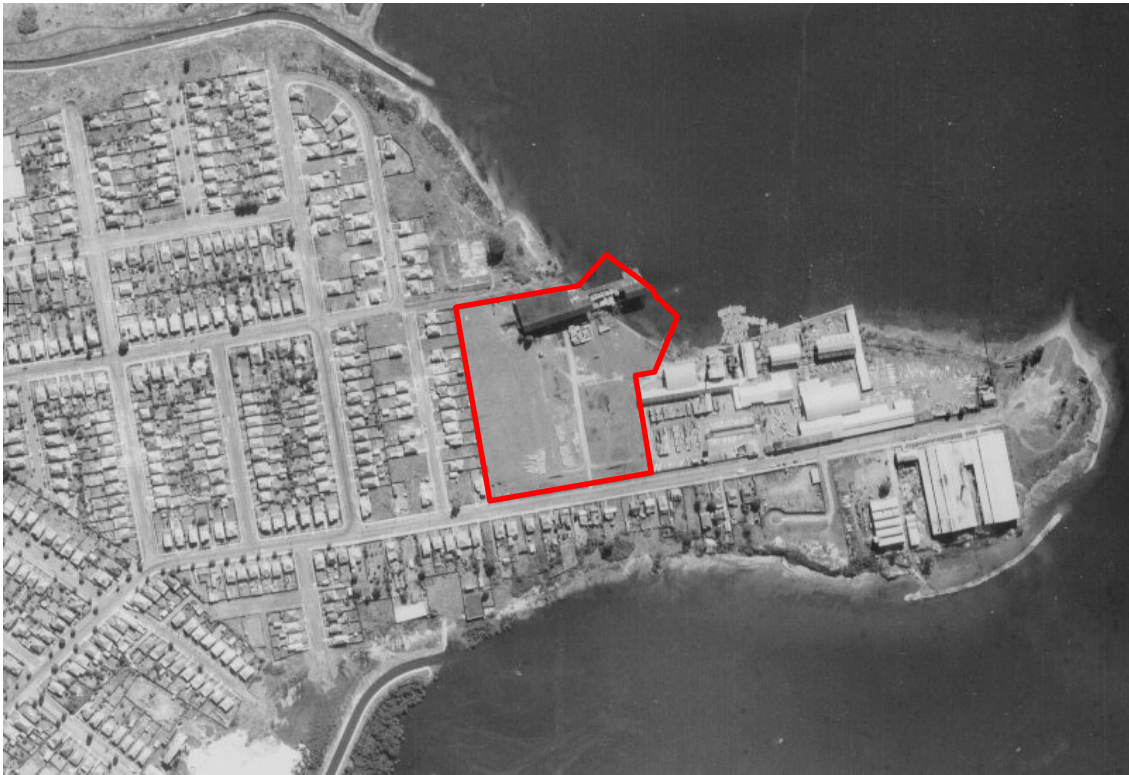


1971



1961

20136/1



1951

APPENDIX B

NSW LAND REGISTRY SERVICES RECORDS

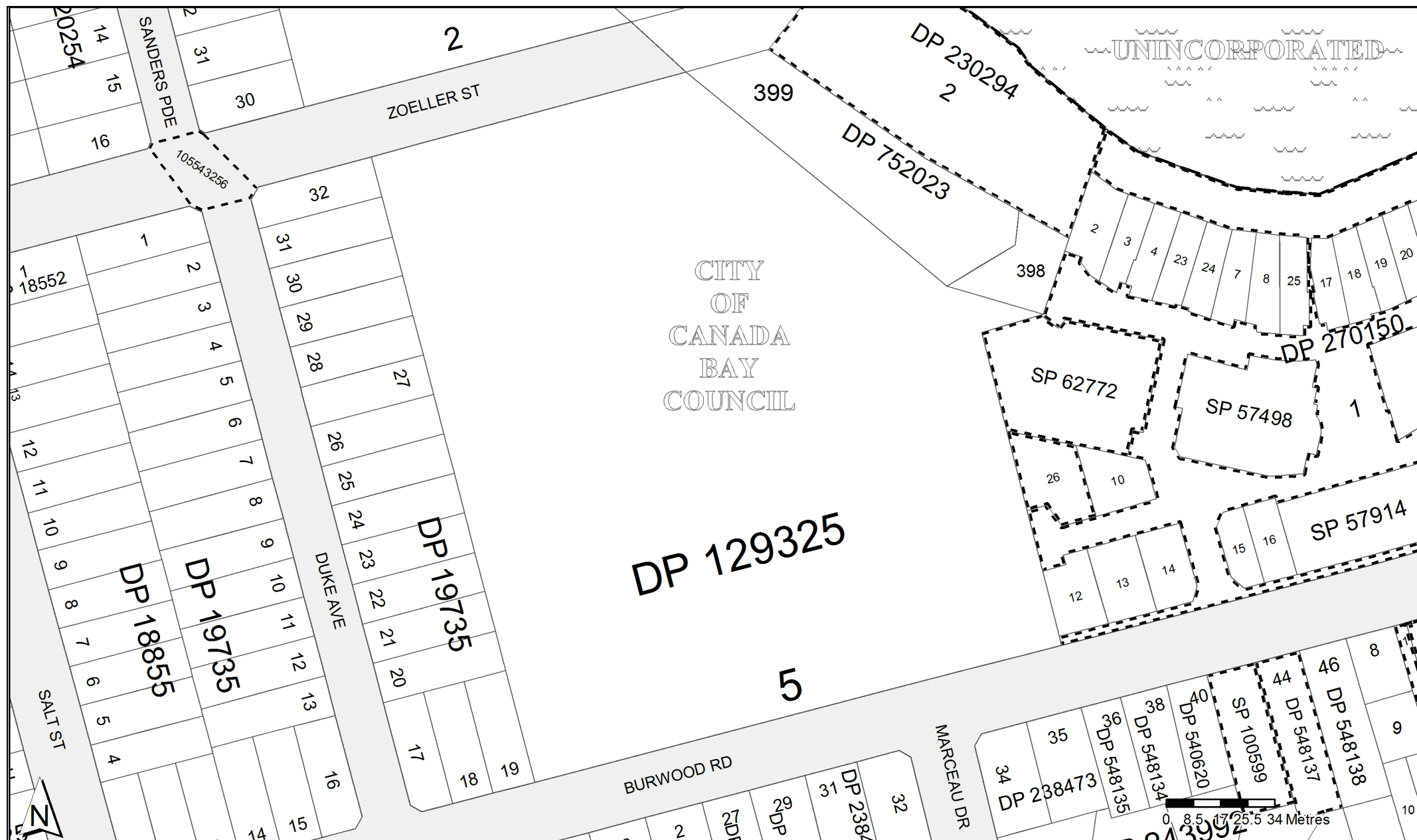
20136/1

**Summary of Proprietors
Lot 2 DP230294**

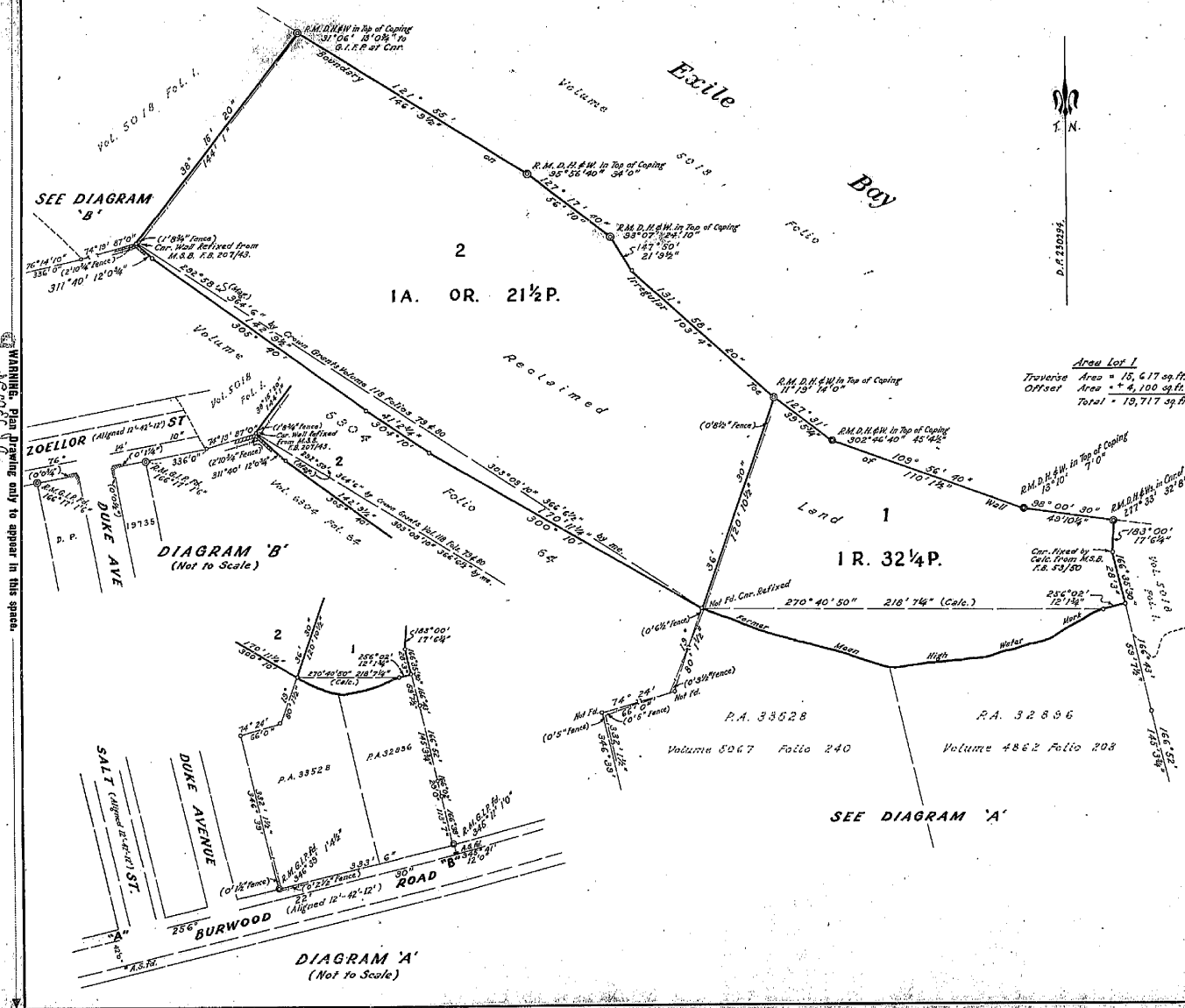
Year	Proprietor
1998 - 2022	Freshfood Sydney Pty Limited
1984 - 1998	Bushells Foods Pty Limited
1966 - 1984	Bushells Pty Limited
1966	The Maritime Services Board of New South Wales

**Lots 398 & 399 DP752023 & Lot 5 DP129325
(auto consol 6304-64)**

Year	Proprietor
1998 - 2022	Freshfood Sydney Pty Limited
1984 - 1998	Bushells Foods Pty Limited
1956 - 1984	Bushells Pty Limited
1951 - 1956	Murray Bros. Pty Limited



Plan Form 2—This form must NOT be used where it is intended to dedicate public roads or public reserves or create drainage reserves, easements, or restrictions as to use. See Form 3. WARNING: CREASING OR FOLDING WILL LEAD TO REJECTION.



DP 230294

Registered: 17.5.1966

C.A.:

Title System: Torrens

Purpose: Subdivision

Ref. Maps: Concord Sh. 10

Last Plan: Concord Sh. 10

PLAN OF I.R. 32 1/4 P. (lot 1) and I.A. OR. 21 1/2 P. (lot 2) being parts of an area comprised in Certificate of Title Volume 5018 Folio 1, dated 17th February 1938.

Scale: 40 feet to an inch

Mun./Shire: Concord

Locality: Exile Bay

Parish: Concord

County: Cumberland

I, Raymond George Smith, Sydney (M.S.B. of N.S.W.) a surveyor registered under the Surveyors Act, 1920, as amended, hereby certify that the survey represented in this plan is accurate and has been made (1) by me (2) under my immediate supervision in accordance with the Survey Practice Regulations, 1922, and are complied with the provisions of the Surveyors Act, 1920, as amended.

Signature: *R. G. Smith*

Surveyor registered under Surveyors Act, 1920, as amended. Expiry Date of Authority: 7-1-75

Drawn by: *John Davies*

Examined: *R. G. Smith*

Officer-in-Charge, Survey Draftsman (The Mortgages Services Board of N.S.W.) Field Book 2077/64 Calc. Sh. U/122-3. Plot No. 463

Council Clerk's Certificate.

I hereby certify that—

(a) the requirements of the Local Government Act, 1919 (other than the requirements for the registration of plans), and

(b) the requirements of section 343 of the Metropolitan Water, Sewerage, and Drainage Act, 1924, as amended, have been complied with by the applicant in relation to the proposed—

(Insert "new road" or "subdivision" set out herein.)

Subdivision No.

Date:

(Signature) Council Clerk.

* NOTE—This part of certificate to be deleted where the application is only for the opening of a new road or where the land to be subdivided is wholly outside the area of operations of the Metropolitan Water Sewerage and Drainage Board.

CONVERSION TABLE ADDED IN REGISTRAR GENERAL'S DEPARTMENT

DP: 230294

FEET INCHES	METRES
0 2/8	0.010
0 1/2	0.013
0 3/4	0.019
1 1/4	0.032
1 1/2	0.038
2 1/2	0.064
3 1/2	0.089
5	0.127
6 1/2	0.165
8 1/2	0.216
1	0.305
1 1/2	0.419
1 5/8	0.457
1 7/8	0.514
1 3/4	0.527
2 10 3/4	0.683
7	2.134
9	2.743
12	3.658
12 0 3/4	3.677
12 1 3/4	3.702
13 0 3/4	3.981
14	4.267
17 6 1/4	5.340
21 9 1/2	6.642
24 10	7.659
28 3	8.611
29	8.839
32 5	9.957
34	10.363
39 5 3/4	12.033
41 2 3/4	12.567
42	12.802
45 4 1/2	15.830
46 9 1/2	14.262
49 10 1/4	15.196
56 10	17.323
59 7 1/2	18.174
66	20.117
80 1 1/2	24.222
87	26.518
105 4	31.496
110 1 1/2	32.566
113 7	32.520
120 10 1/2	36.843
142 9 1/2	43.523
144 1	43.917
145 3 3/4	44.291
146 9 1/2	44.742
170 11 1/4	52.102
218 7 1/4	66.631
300	91.440
332 1 1/2	101.232
333 6	101.651
336	102.413
364 6	111.100
366 6 1/2	111.722

AC RD P.	SQ M
1 32 1/4	1827
1 21 1/2	4591

SQ FT	SQ M
4100	380.9
15617	1451
19717	1822


WARNING: Plan Drawing only to appear in this space.

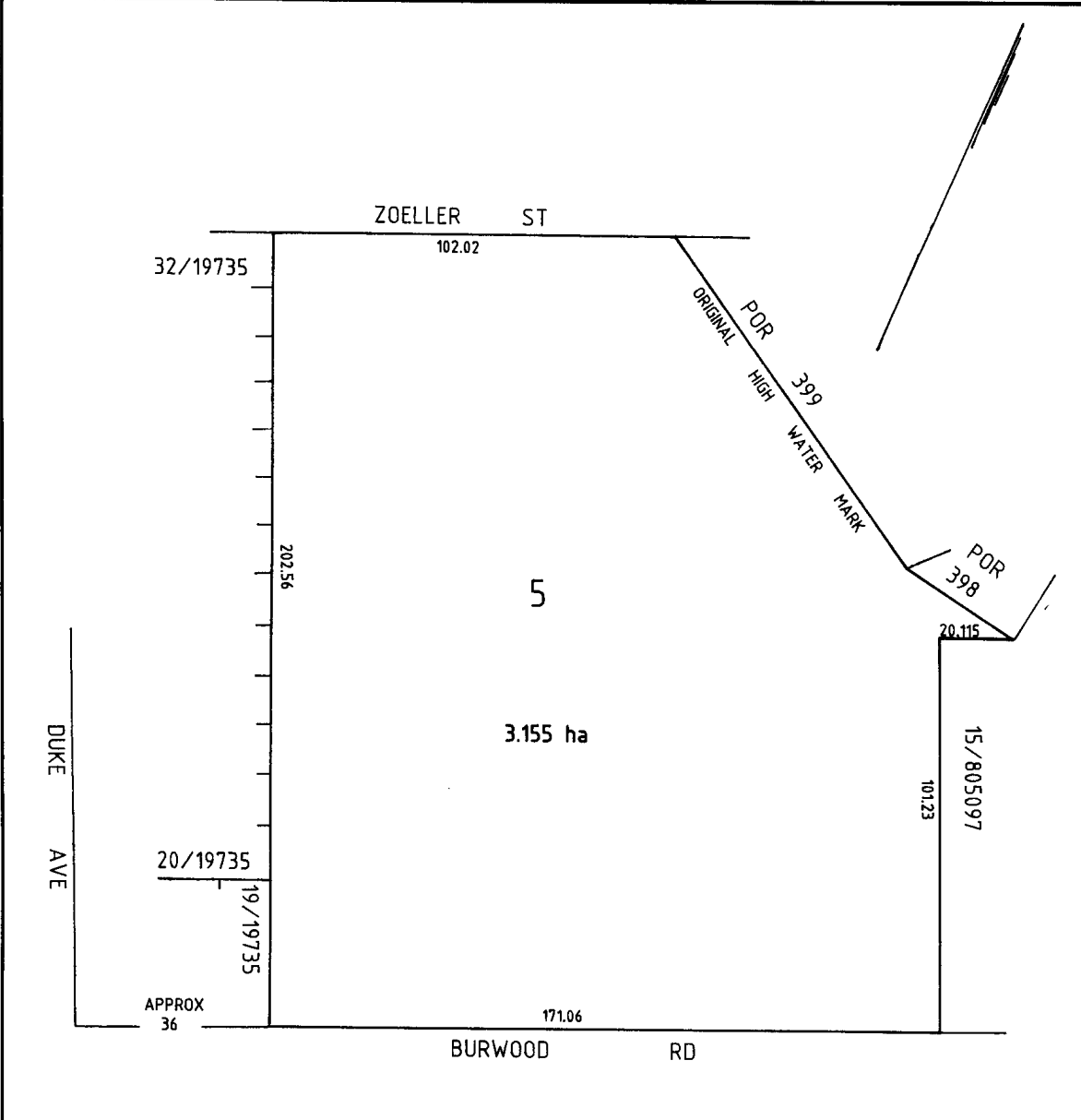
SURVEYORS REFERENCE R.P.628

I, Bruce Richard Davies, Registrar General for New South Wales, certify that this negative is a photograph made as a permanent record of a document in my custody this 17th day of June, 1977

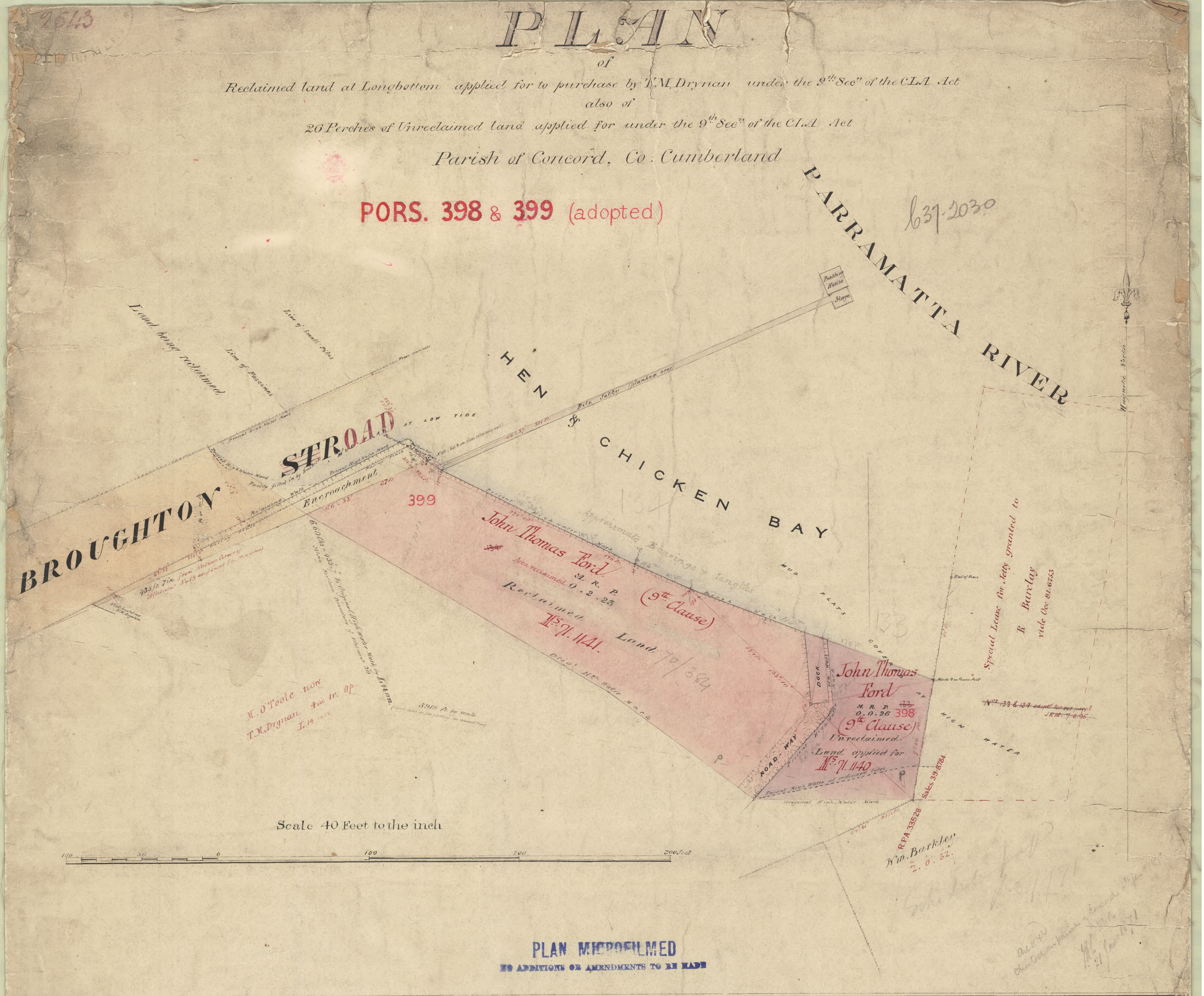
Table of measures

1

PLAN OF PART LOT 1 DP 69753 BEING PART OF LAND IN VOL 6304 FOL 64		D P 129325		20-0090	
L.G.A. _____		Registered:  13.2.95		N 0 0 1 D 1 B	
Mun./Shire/City <u>CONCORD</u>		C.A.: _____			
Town or Locality <u>CONCORD</u>		Title System: <u>TORRENS</u>			
Parish _____		Purpose: <u>DEPARTMENTAL</u>			
County <u>CUMBERLAND</u>		Ref. Map: <u>U 0945-12</u>			
Reduction Ratio 1:1250		Last Plan: <u>DP 69753</u>			
Lengths are in metres					



NOTE
FULL DIMENSIONS ARE NOT
AVAILABLE. ANY DIVISION
OF THE LAND HEREIN MAY
NECESSITATE THE LODGE-
MENT OF PLANS OF SURVEY.





NEW SOUTH WALES LAND REGISTRY SERVICES - TITLE SEARCH

FOLIO: 2/230294

SEARCH DATE	TIME	EDITION NO	DATE
-----	----	-----	----
25/3/2022	10:45 AM	8	2/7/2020

LAND

LOT 2 IN DEPOSITED PLAN 230294
AT EXILE BAY
LOCAL GOVERNMENT AREA CANADA BAY
PARISH OF CONCORD COUNTY OF CUMBERLAND
TITLE DIAGRAM DP230294

FIRST SCHEDULE

FRESHFOOD SYDNEY PTY LIMITED (T 3930008)

SECOND SCHEDULE (2 NOTIFICATIONS)

- 1 LAND EXCLUDES MINERALS
- 2 DP268777 RIGHT OF FOOTWAY VARIABLE WIDTH AFFECTING THE
PART(S) SHOWN SO BURDENED IN DP268777

NOTATIONS

UNREGISTERED DEALINGS: NIL

*** END OF SEARCH ***

advlgeo

PRINTED ON 25/3/2022

NEW SOUTH WALES LAND REGISTRY SERVICES - HISTORICAL SEARCH

SEARCH DATE

25/3/2022 10:53AM

FOLIO: 2/230294

First Title(s): SEE PRIOR TITLE(S)

Prior Title(s): VOL 10387 FOL 217

Recorded -----	Number -----	Type of Instrument -----	C.T. Issue -----
5/6/1987		TITLE AUTOMATION PROJECT	LOT RECORDED FOLIO NOT CREATED
7/4/1988		CONVERTED TO COMPUTER FOLIO	FOLIO CREATED CT NOT ISSUED
10/2/1998	3787010	CHANGE OF NAME	EDITION 1
17/2/1998	3801775	DEPARTMENTAL DEALING	EDITION 2
17/4/1998	DP268777	DEPOSITED PLAN	
20/4/1998	3925989	DEPARTMENTAL DEALING	EDITION 3
21/4/1998	3930008	TRANSFER	
21/4/1998	3930009	MORTGAGE	EDITION 4
27/3/2001	7408114	DEPARTMENTAL DEALING	
11/5/2006	AC249687	DISCHARGE OF MORTGAGE	EDITION 5
20/7/2017	AM580002	MORTGAGE	EDITION 6
22/9/2018	AN730188	DEPARTMENTAL DEALING	EDITION 7 CORD ISSUED
2/7/2020	AQ214702	DISCHARGE OF MORTGAGE	EDITION 8

*** END OF SEARCH ***

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PRINTED ON 25/3/2022

Form: 97-01TP
Licence: 27C/0042/95

TRANSFER

New South Wales
Real Property Act 1900

3930008 T



Office of State Revenue use only



OFFICE OF STATE REVENUE
STAMP DUTY (N.S.W. TREASURY)
1996/97
DUTY \$2-00

P3

1ST REC N° 20/422 86

(A) **LAND TRANSFERRED**

If appropriate, specify the share transferred.

2/230294

Auto Consol 6304-64

(B) **LODGED BY**

LTO Box

Name, Address or DX and Telephone

FREEHILL HOLLINGDALE & PAGE

Level 38, MLC Centre

19-29 Martin Place

SYDNEY NSW 2000

Phone (02) 9225 5000

DX 367 Sydney

CORRS CHAMBERS WESTGARTH

898S

898S BND 8140166 EBC

REFERENCE (15 character maximum): AAD:29F

(C) **TRANSFEROR** **BUSHELLS FOODS PTY LIMITED** A.C.N. 000 009 692

(D) acknowledges receipt of the consideration of \$17,300,000 and as regards the land specified above transfers to the transferee an estate in fee simple.

(E) Encumbrances (if applicable) 1. 2. 3.

(F) **TRANSFeree**

T

TS

(s713 LGA)

TW

(Sheriff)

FRESHFOOD

FRESHFOOD SYDNEY PTY LIMITED

A.C.N. 081 286 071

(G)

TENANCY:

(H) We certify this dealing correct for the purposes of the Real Property Act 1900

DATE

Signed in my presence by the transferor who is personally known to me
THE COMMON SEAL of **BUSHELLS FOODS PTY LIMITED** was affixed to this document
in the presence of

Seal



Secretary/Director

B. F. JONES

Name (PLEASE PRINT)

Director

E. E. ALLARD

Name (PLEASE PRINT)

Signed in my presence by the transferee who is personally known to me

Signature of Witness

Name of Witness (BLOCK LETTERS)

Address of Witness

Signature of Transferee

ANDREW DEMETER
If signed on the transferee's behalf by a solicitor
or licensed conveyancer, show the signatory's full
name in block letters



10387217

NEW SOUTH WALES

CERTIFICATE OF TITLE
PROPERTY ACT, 1900, as amended.

Application No. 16304
Prior Title Volume 5018 Folio 1

Vol. 10387 Fol. 217

Edition issued 5-9-1966



I certify that the person described in the First Schedule is the registered proprietor of the undermentioned estate in the land within described subject nevertheless to such exceptions encumbrances and interests as are shown in the Second Schedule.

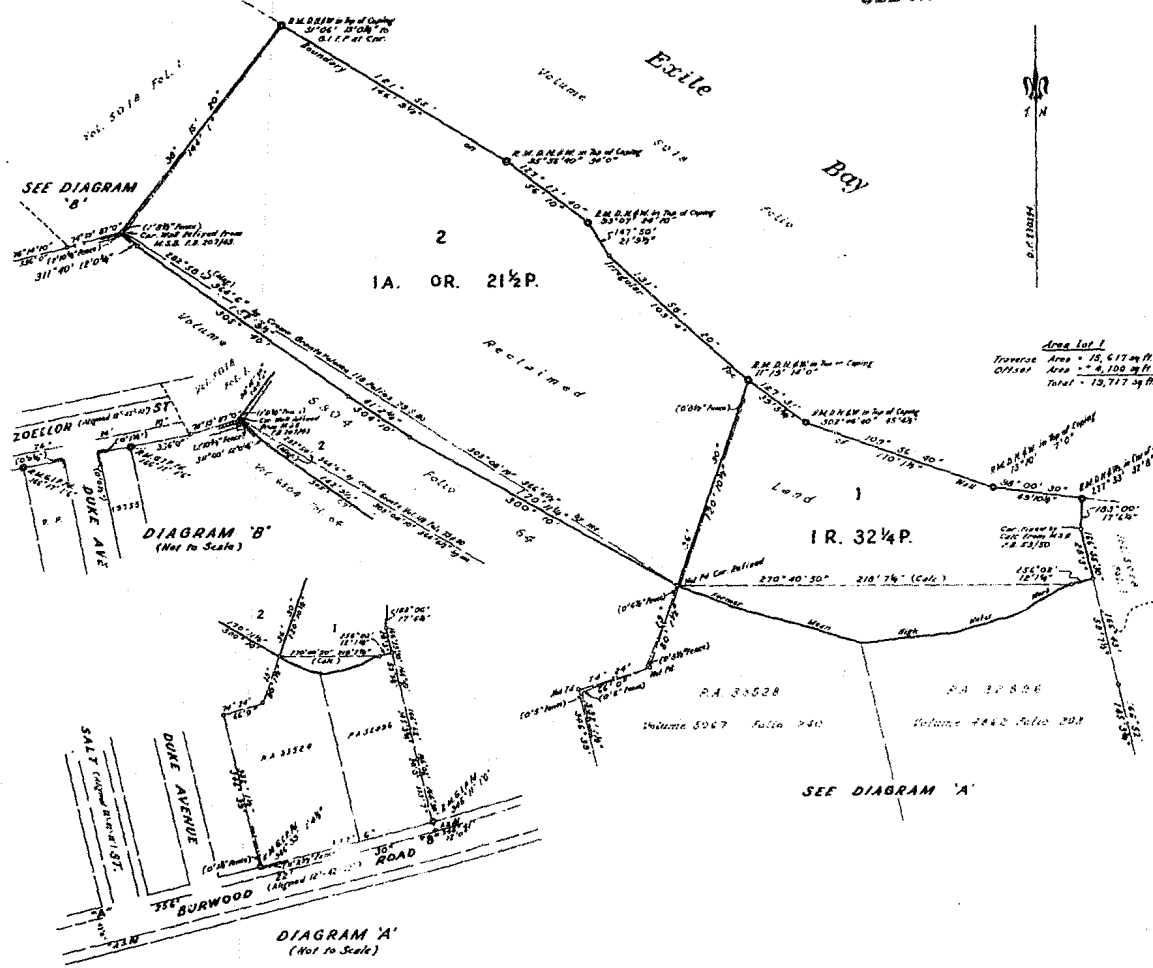
Witness D. Sullivan.

CANCELLED
Jaworski
Registrar General.



PLAN SHOWING LOCATION OF LAND

SEE AUTO FOLIO



ESTATE AND LAND REFERRED TO

Estate in Fee Simple in Lot 2 in Deposited Plan 230294 at Exile Bay in the Municipality of Concord Parish of Concord and County of Cumberland being land for which no Crown Grant has issued Excepting thereout all mines and deposits of coal, ironstone, kerosene, shale, limestone, slate and other minerals.

FIRST SCHEDULE (continued overleaf)

~~THE MARITIME SERVICES BOARD OF NEW SOUTH WALES.~~

Jaworski
Registrar General

SECOND SCHEDULE (continued overleaf)

GRN

XM

PERSONS ARE CAUTIONED AGAINST ALTERING OR ADDING TO THIS CERTIFICATE OR ANY NOTIFICATION HEREON

WARNING THIS DOCUMENT MUST NOT BE REMOVED FROM THE LAND FILES OFFICE

FIRST SCHEDULE (continued)					
REGISTERED PROPRIETOR	INSTRUMENT			ENTERED	Signature of Registrar-General
	NATURE	NUMBER	DATE		
Bushells Pty Limited	Transfer	K 683059	16.5.1967	30.5.1967	<i>Jackson</i>
CANCELLED					
SEE AUTO FOLIO					

CANCELLED

SEE AUTO FOLIO

[illegible]

NOTE: ENTRIES RULED THROUGH AND AUTHENTICATED BY THE SEAL OF THE REGISTRAR-GENERAL ARE CANCELLED



NEW SOUTH WALES LAND REGISTRY SERVICES - TITLE SEARCH

FOLIO: AUTO CONSOL 6304-64

SEARCH DATE	TIME	EDITION NO	DATE
25/3/2022	10:45 AM	5	2/7/2020

LAND

LAND DESCRIBED IN SCHEDULE OF PARCELS
AT CONCORD
LOCAL GOVERNMENT AREA CANADA BAY
PARISH OF CONCORD COUNTY OF CUMBERLAND
TITLE DIAGRAM SEE SCHEDULE OF PARCELS

FIRST SCHEDULE

FRESHFOOD SYDNEY PTY LIMITED (T 3930008)

SECOND SCHEDULE (2 NOTIFICATIONS)

- 1 RESERVATIONS AND CONDITIONS IN THE CROWN GRANT(S)
- 2 T964422 LEASE TO SYDNEY COUNTY COUNCIL OF SUBSTATION LOT 1
IN DP202324, AS REGARDS TO LOT 5 IN DP129325 TOGETHER
WITH RIGHT OF WAY & CABLE EASEMENT OVER ANOTHER PART
OF THE LAND WITHIN DESCRIBED. EXPIRES 31.12.2030.
AK971351 LEASE OF LEASE T964422 TO BLUE ASSET PARTNER PTY
LTD, ERIC ALPHA ASSET CORPORATION 1 PTY LTD, ERIC
ALPHA ASSET CORPORATION 2 PTY LTD, ERIC ALPHA
ASSET CORPORATION 3 PTY LTD & ERIC ALPHA ASSET
CORPORATION 4 PTY LTD EXPIRES: SEE DEALING. CLAUSE
2.3 (b) (ii).
AK971352 LEASE OF LEASE AK971351 TO BLUE OP PARTNER PTY
LTD, ERIC ALPHA OPERATOR CORPORATION 1 PTY LTD,
ERIC ALPHA OPERATOR CORPORATION 2 PTY LTD, ERIC
ALPHA OPERATOR CORPORATION 3 PTY LTD & ERIC ALPHA
OPERATOR CORPORATION 4 PTY LTD EXPIRES: SEE
DEALING. CLAUSE 12.1
AK971502 MORTGAGE OF LEASE AK971351 TO ANZ FIDUCIARY
SERVICES PTY LTD
AK971571 CHANGE OF NAME AFFECTING LEASE T964422 LESSEE
NOW ALPHA DISTRIBUTION MINISTERIAL HOLDING
CORPORATION

NOTATIONS

UNREGISTERED DEALINGS: NIL

END OF PAGE 1 - CONTINUED OVER

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NEW SOUTH WALES LAND REGISTRY SERVICES - TITLE SEARCH

FOLIO: AUTO CONSOL 6304-64

PAGE 2

SCHEDULE OF PARCELS

LOT 5 IN DP129325
LOTS 398-399 IN DP752023

TITLE DIAGRAM

DP129325
CROWN PLAN 37.2030.

*** END OF SEARCH ***

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PRINTED ON 25/3/2022

Obtained from NSW LRS on 25 March 2022 09:45 AM AEST

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* Any entries preceded by an asterisk do not appear on the current edition of the Certificate of Title. Warning: the information appearing under notations has not been formally recorded in the Register. GlobalX hereby certifies that the information contained in this document has been provided electronically by the Registrar General in accordance with Section 96B(2) of the Real Property Act 1900. Note: Information contained in this document is provided by GlobalX Pty Ltd, ABN 35 099 032 596, www.globalx.com.au an approved NSW Information Broker.



NEW SOUTH WALES LAND REGISTRY SERVICES - HISTORICAL SEARCH

SEARCH DATE

25/3/2022 10:53AM

FOLIO: 398/752023

First Title(s): SEE PRIOR TITLE(S)

Prior Title(s): VOL 6304 FOL 64

Recorded -----	Number -----	Type of Instrument -----	C.T. Issue -----
15/12/1988		TITLE AUTOMATION PROJECT	LOT RECORDED FOLIO NOT CREATED
16/2/1995		CONVERTED TO AUTO CONSOL 6304-64	CONSOL CREATED CT NOT ISSUED
27/3/2001	7408114	DEPARTMENTAL DEALING	

*** END OF SEARCH ***

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NEW SOUTH WALES LAND REGISTRY SERVICES - HISTORICAL SEARCH

SEARCH DATE

25/3/2022 10:53AM

FOLIO: 399/752023

First Title(s): SEE PRIOR TITLE(S)

Prior Title(s): VOL 6304 FOL 64

Recorded -----	Number -----	Type of Instrument -----	C.T. Issue -----
15/12/1988		TITLE AUTOMATION PROJECT	LOT RECORDED FOLIO NOT CREATED
16/2/1995		CONVERTED TO AUTO CONSOL 6304-64	CONSOL CREATED CT NOT ISSUED
27/3/2001	7408114	DEPARTMENTAL DEALING	

*** END OF SEARCH ***

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NEW SOUTH WALES LAND REGISTRY SERVICES - HISTORICAL SEARCH

SEARCH DATE

25/3/2022 10:53AM

FOLIO: 5/129325

First Title(s): SEE PRIOR TITLE(S)
Prior Title(s): VOL 6304 FOL 64

Recorded	Number	Type of Instrument	C.T. Issue
13/2/1995	DP129325	DEPOSITED PLAN	LOT RECORDED FOLIO NOT CREATED
15/2/1995		AMENDMENT: PARISH-COUNTY	
16/2/1995		CONVERTED TO AUTO CONSOL 6304-64	CONSOL CREATED CT NOT ISSUED
27/3/2001	7408114	DEPARTMENTAL DEALING	

*** END OF SEARCH ***

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PRINTED ON 25/3/2022

204

96499-2 12.48

Appn. No. 19753 (as to parts)
Reference to Last Certificate
Vol. 5426 Fol. 107

New South Wales

[CERTIFICATE OF TITLE.]



CANCELLED ☒
ON ISSUE OF NEW FOLIO *Auto. Cover 6304-64*
REGISTER BOOK
Vol. **6304** Fol. **64**

MURRAY BROS. PTY. LIMITED, Transferee under Instrument of Transfer No. F260552 is now the proprietor of an Estate in Fee Simple, subject nevertheless to the reservations and conditions, if any, contained in the Grants herein-after referred to, and also subject to such encumbrances liens and interests as are notified hereon, in Those pieces of Land situated in the Village of Longbottom Municipality of Concord Parish of Concord and County of Cumberland, more full particulars of which are set forth in the following Schedule, which said pieces of land are shown in the plan hereon and therein edged red, and were originally granted respectively by the Crown Grants mentioned in such Schedule.

SCHEDULE REFERRED TO

No. of Allotment	Area of Allotment	Name of Grantee	Date of Grant	Original Reference	
				Vol.	Fol.
16	Seven acres three roods seven and one half perches	Thomas Hunter	5th April 1848	-	-
Pt. 17		Esther Lewis	27th August 1850	-	-
Pt. 20		Michael O'Toole	2nd August 1853	-	-
-	Twenty six perches	John Thomas Ford	31st March 1871	118	79
-	Two roods twenty three perches	John Thomas Ford	31st March 1871	118	80

In Witness whereof I have hereunto signed my name and affixed my Seal, this Sixth day of April, 1951.

Signed in the presence of *J. Hells*

J. Hells
Registrar General



NOTIFICATION REFERRED TO

Amongst the reservations and conditions contained in the Grants above referred to are reservations in the Grants of 26 perches and 2 roods 23 perches of all mines of coal.

J. Hells
Registrar General

No. H826862 LEASE dated 1st May 1961
to The Sydney County Council together
with Right of Way and Cable Easement
Entered 27th February 1962
Expired 13.6.1984
J. Hells
REGISTRAR GENERAL

No G213840 MORTGAGE dated 11th November 1954
from Murray Bros Limited formerly
styled the said Murray Bros Pty Limited
to BANK OF NEW SOUTH WALES
Produced and entered 10th December 1957
at Sydney at 12 o'clock in the fore noon.
J. Hells
REGISTRAR GENERAL

REGISTERED PROPRIETOR Bushells Foods Pty
Limited see T964422
Registered 13.6.1984
Bennie
REGISTRAR GENERAL

MORTGAGE No. G213840 has been discharged.
See G635328 Entered 3rd January 1957
J. Hells
REGISTRAR GENERAL

T964422 Lease to The Sydney County Council of Substation Premises known as Lot 1 in DP202324 together with right of way and cable easement over another part of the land above described as shown in DP202324. Expires 31-12-2030. Registered 13.6.1984.

Bushells Limited is
now the registered proprietor of the land within described.
See TRANSFER No. G635329 dated 24th December 1956
Entered 3rd January 1957
J. Hells
REGISTRAR GENERAL

Bennie
REGISTRAR GENERAL

Persons are cautioned against altering or adding to this Certificate or any notification thereon.

Misc 213840

DP 635328

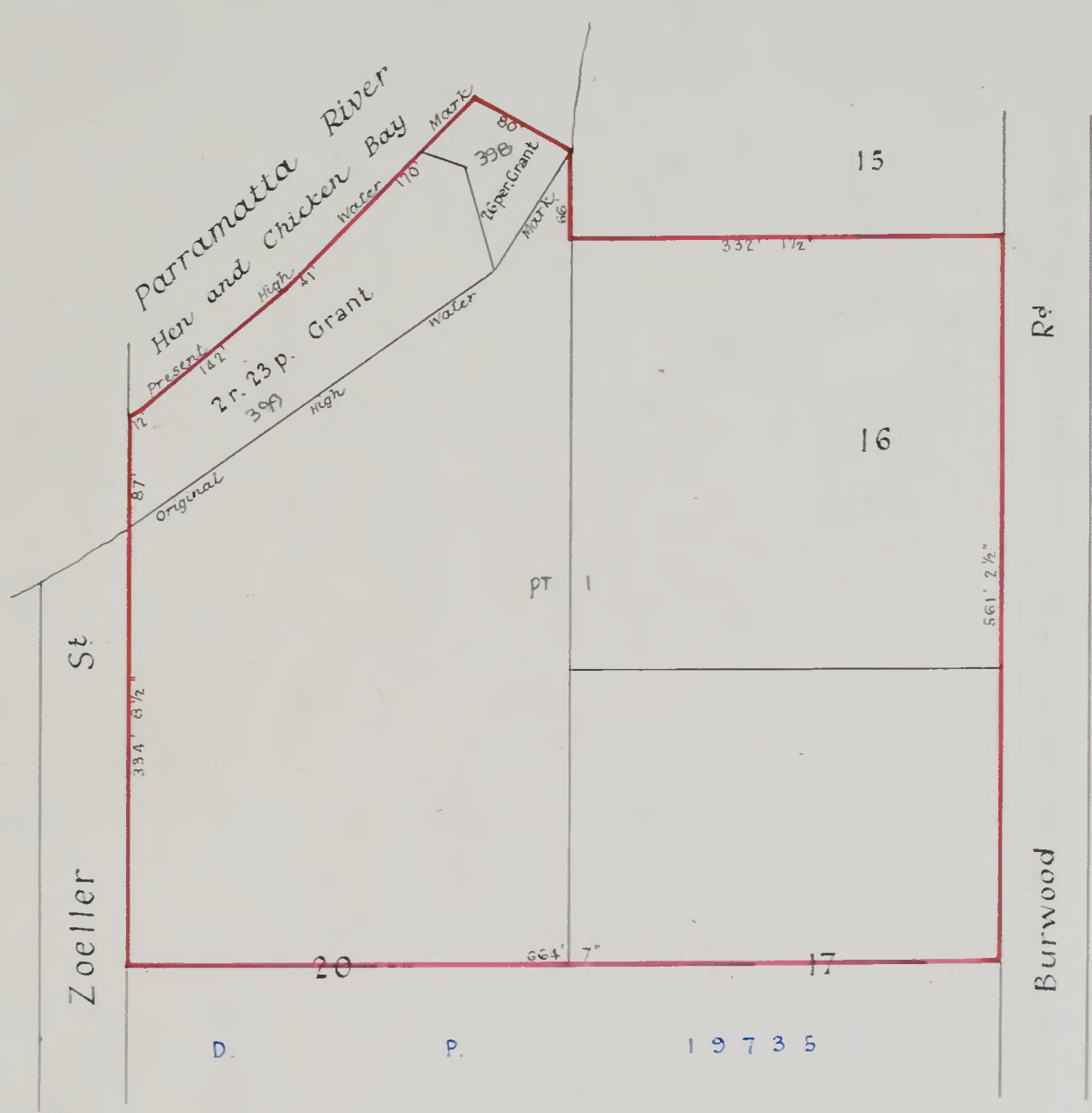
*DP 202324
H826862
H860751
T964422
Lot 1 DP 202324*

*Lease
H826862*

*RP
T964422*

*B
-422
(WRITE)*

6304-64



THE LAND WITHIN
DESCRIBED IS NOW PT 1
DP 69753 AND PORS 398 & 399

PT LOT 1
DP 69753
WITHIN DESCRIBED IS
LOT 5 DP 129325

Auto Consol
COMPUTER FOLIO 6304-64 NO FURTHER
DEALINGS TO BE REGISTERED.

F260552

Total Area included in Certificate.

8a. 2r. 16 1/2 p.

All lengths shown hereon are in feet & inches
Scale: 100 feet to one inch.

APPENDIX C

SECTION 10.7 (2 & 5) PLANNING CERTIFICATES

APPLICANT: Geotechnique Pty Ltd
P O Box 880
PENRITH NSW 2750

PLANNING CERTIFICATE - under section 10.7
Environmental Planning and Assessment Act 1979

Property: 160 Burwood Road CONCORD NSW 2137

Title: Lot 2 DP 230294

Certificate No:	PC2022/0752	Certificate Date:	29/03/2022
Receipt No:	Online Receipt	Certificate Fee:	\$133.00
Land No:	33847	Applicant's Ref:	20136/1

SECTION 10.7(2)

In accordance with the requirements of section 10.7(2) of the Environmental Planning and Assessment Act (1979) ("the Act"), the following prescribed matters relate to the land at the date of this certificate.

ITEM 1 - Names of relevant planning instruments and DCPs

1. ***The following environmental planning instruments apply to the carrying out of development on the land:***

Canada Bay Local Environmental Plan 2013

State Environmental Planning Policy (Biodiversity and Conservation) 2021
State Environmental Planning Policy (Building Sustainability Index: BASIX) 2004
State Environmental Planning Policy (Exempt and Complying Development Codes) 2008
State Environmental Planning Policy (Housing) 2021
State Environmental Planning Policy (Industry and Employment) 2021
State Environmental Planning Policy No. 65 – Design Quality of Residential Flat Development
State Environmental Planning Policy (Planning Systems) 2021
State Environmental Planning Policy (Precincts – Central River City) 2021
State Environmental Planning Policy (Primary Production) 2021
State Environmental Planning Policy (Resilience and Hazards) 2021
State Environmental Planning Policy (Resources and Energy) 2021
State Environmental Planning Policy (Transport and Infrastructure) 2021

2. ***The following proposed environmental planning instruments apply to the carrying out of development on the land and are or have been the subject of community consultation or on public exhibition under the Environmental Planning and Assessment Act 1979:***

Planning Proposal - LEP Miscellaneous Amendments (PP2020/0002)
State Environmental Planning Policy (Environment)
Design and Place State Environmental Planning Policy

3. ***The following development control plans apply to the carrying out of development on the land:***

City of Canada Bay Development Control Plan
Sydney Harbour Foreshores & Waterways Area Development Control Plan

ITEM 2 - Zoning and land use under relevant LEPs

1. (a) ***Zoning details in the instruments identified in item 1(1) above***

Zone IN1 General Industrial

1 Objectives of zone

- To provide a wide range of industrial and warehouse land uses.
- To encourage employment opportunities.
- To minimise any adverse effect of industry on other land uses.
- To support and protect industrial land for industrial uses.

2 Permitted without consent

Environmental protection works

3 Permitted with consent

Depots; Freight transport facilities; Garden Centres; General industries; Hardware and Building Supplies; Industrial training facilities; Light industries; Neighbourhood shops; Roads; Places of Public Worship; Warehouse or distribution centres; Any other development not specified in item 2 or 4

4 Prohibited

Agriculture; Air transport facilities; Airstrips; Amusement centres; Boat launching ramps; Boat sheds; Camping grounds; Caravan parks; Cemeteries; Charter and tourism boating facilities; Child care centres; Commercial premises; Community facilities; Correctional centres; Crematoria; Eco-tourist facilities; Educational establishments; Entertainment facilities; Exhibition homes; Exhibition villages; Extractive industries; Farm buildings; Forestry; Function centres; Health services facilities; Heavy industrial storage establishments; Heavy industries; Helipads; Highway service centres; Home-based child care; Home businesses; Home occupations; Home occupations (sex services); Information and education facilities; Jetties; Marinas; Mooring pens; Moorings; Open cut mining; Public administration buildings; Recreation facilities (major); Registered clubs; Research stations; Residential accommodation; Respite day care centres; Restricted premises; Rural industries; Sex services premises; Tourist and visitor accommodation; Water recreation structures; Water supply systems; Wharf or boating facilities; Wholesale supplies

Additional permitted uses

No additional uses apply

(b) Are there development standards applying to the land, which fix minimum land dimensions for the erection of a dwelling house on the land?

No fixed minimum land dimensions apply to this land

(c) Does the land include or comprise critical habitat?

The land does not include or comprise critical habitat under an EPI

(d) Is the land within a heritage conservation area?

The land is not within a heritage conservation area

(e) Is there a heritage item situated on the land?

There are no heritage items situated on the land

2. (a) Zoning details in the instruments identified in item 1(2) above

No draft zoning applies to the land

Additional permitted uses

No draft additional uses apply

(b) Are there development standards applying to the land, which fix minimum land dimensions for the erection of a dwelling house on the land?

No fixed minimum land dimensions apply to the land under a draft environmental planning instrument

(c) Does the land include or comprise critical habitat?

The land does not include or comprise critical habitat under a draft EPI

(d) Is the land within a draft heritage conservation area?

The land is not within a draft heritage conservation area

(e) Is there a draft heritage item situated on the land?

There are no draft heritage items situated on the land

ITEM 2A - Zoning and land use under State Environmental Planning Policy (Sydney Region Growth Centres) 2006

Is the land identified within any zone under Part 3 of State Environmental Planning Policy (Sydney Region Growth Centres) 2006, a Precinct Plan, or a Proposed Precinct Plan that is or has been the subject of community consultation or on public exhibition under the Act?

No

ITEM 3 – Complying Development Exclusions

Is the land, land on which complying development may be carried out under clauses 1.17A(1)(c) to (e), (2), (3) and (4), 1.18 (1)(c3) and 1.19 of State Environmental Planning Policy (Exempt and Complying Development Codes) 2008?

Housing Code

No, to the extent that the land is affected by specific land exemptions listed below. You should consult the relevant local environmental plan maps to determine the extent of affection over the land.

Land that is identified as Class 1 or 2. However, if the land exemption only applies to part of the lot the exclusion does not apply to the remainder of the lot. Refer to Acid Sulfate Soils Maps for further detail on the part of the lot that may be affected.

Rural Housing Code

No, to the extent that the land is affected by specific land exemptions listed below. You

should consult the relevant local environmental plan maps to determine the extent of affection over the land.

Low Rise Housing Diversity Code

No, to the extent that the land is affected by specific land exemptions listed below. You should consult the relevant local environmental plan maps to determine the extent of affection over the land.

Land that is identified as Class 1 or 2. However, if the land exemption only applies to part of the lot the exclusion does not apply to the remainder of the lot. Refer to Acid Sulfate Soils Maps for further detail on the part of the lot that may be affected.

Greenfield Housing Code

No, to the extent that the land is affected by specific land exemptions listed below. You should consult the relevant local environmental plan maps to determine the extent of affection over the land.

Land that is identified as Class 1 or 2. However, if the land exemption only applies to part of the lot the exclusion does not apply to the remainder of the lot. Refer to Acid Sulfate Soils Maps for further detail on the part of the lot that may be affected.

Inland Code

No, to the extent that the land is affected by specific land exemptions listed below. You should consult the relevant local environmental plan maps to determine the extent of affection over the land.

Land that is identified as Class 1 or 2. However, if the land exemption only applies to part of the lot the exclusion does not apply to the remainder of the lot. Refer to Acid Sulfate Soils Maps for further detail on the part of the lot that may be affected.

Housing Alterations Code

Yes, under the Housing Alterations Code complying development may be carried out on the land.

General Development Code

Yes, under the General Development Code complying development may be carried out on the land.

Commercial and Industrial Alterations Code

Yes, under the General Commercial and Industrial Code complying development may be carried out on the land.

Commercial and Industrial (New Buildings and Additions) Code

No, to the extent that the land is affected by specific land exemptions listed below. You should consult the relevant local environmental plan maps to determine the extent of affection over the land.

Land that is identified as Class 1 or 2. However, if the land exemption only applies to part

of the lot the exclusion does not apply to the remainder of the lot. Refer to Acid Sulfate Soils Maps for further detail on the part of the lot that may be affected.

Container Recycling Facilities Code

Yes, under the Container Recycling Facilities Code complying development may be carried out on the land.

Subdivisions Code

Yes, under the Subdivisions Code complying development may be carried out on the land.

Demolition Code

Yes, under the Demolition Code complying development may be carried out on the land.

Fire Safety Code

Yes, under the Fire Safety Code complying development may be carried out on the land.

ITEM 4 – Repealed

ITEM 4A – Repealed

ITEM 4B – Annual charges under Local Government Act 1993 for coastal protection services that relate to existing coastal protection works

Has the owner (or any previous owner) of the land consented in writing to the land being subject to annual charges under section 496B of the Local Government Act 1993 for coastal protection services that relate to existing coastal protection works (within the meaning of section 553B of that Act)?

No

ITEM 5 – Mine subsidence

Is the land proclaimed to be in a mine subsidence district within the meaning of section 15 of the Mine Subsidence Compensation Act 1961?

No

ITEM 6 – Road widening and road realignment

Is the land affected by any road widening or road realignment under:

- (a) Division 2 of Part 3 of the Roads Act 1993; or*
- (b) Any environmental planning instrument; or*

(c) Any resolution of the Council?

No

ITEM 7 – Council and other public authority policies on hazard risk restrictions**(a) Whether or not the land is affected by a policy adopted by the Council that restricts the development of the land because of the likelihood of:-**

- | | | |
|-------|---------------------|-----|
| (i) | land slip | No |
| (ii) | bushfire | No |
| (iii) | tidal inundation | No |
| (iv) | subsidence | No |
| (v) | acid sulphate soils | Yes |

The land is identified as being within Class 2 on the Acid Sulfate Soil Map under the Canada Bay LEP 2013. Works prohibited without Council approval (except as provided by subclause 4 of clause 6.1 of the Canada Bay LEP 2013) include:

- Works below the natural ground surface
- Works by which the watertable is likely to be lowered.

- | | | |
|------|--------------------|-----|
| (vi) | land contamination | Yes |
|------|--------------------|-----|

Council has adopted by resolution a policy on contaminated land that applies to all land within the City of Canada Bay. Please note that this statement refers to whether or not Council has a policy regarding contamination and is not a statement on whether the property is affected by contamination or potential contamination.

(b) Whether or not the land is affected by a policy adopted by any other public authority and notified to the Council for the express purpose of its adoption by that authority being referred to in planning certificates issued by the Council that restricts the development of the land because of the likelihood of:-

- | | | |
|-------|---------------------|----|
| (i) | land slip | No |
| (ii) | bushfire | No |
| (iii) | tidal inundation | No |
| (iv) | subsidence | No |
| (v) | acid sulphate soils | No |
| (vi) | land contamination | No |

ITEM 7A – Flood related development controls**1. If the land or part of the land is within the flood planning area and subject to flood related development controls.**

No

2. ***If the land or part of the land is between the flood planning area and the probable maximum flood and subject to flood related development controls.***

Yes, please refer to Council's Planning Controls webpage for more information on Flood Planning.

ITEM 8 – Land reserved for acquisition

Is there an environmental planning instrument, or proposed environmental planning instrument referred to in clause 1 which makes provision in relation to the acquisition of the land by a public authority, as referred to in section 3.15 of the Environmental Planning and Assessment Act 1979?

No

ITEM 9 – Contributions plans

The name of each contributions plan applying to the land is:-

City of Canada Bay Local Infrastructure Contributions Plan

City of Canada Bay Affordable Housing Contributions Scheme

ITEM 9A - Biodiversity certified land

Is the land biodiversity certified land under Part 8 of the Biodiversity Conservation Act 2016 (including land certified under Part 7AA of the Threatened Species Conservation Act 1995)?

No

ITEM 10 – Biodiversity stewardship sites

Has Council been notified by the Chief Executive of the Office of Environment and Heritage that the land is a biodiversity stewardship site under a biodiversity stewardship agreement under Part 5 of the Biodiversity Conservation Act 2016 (including biobanking agreements under Part 7A of the Threatened Species Conservation Act 1995)?

No

ITEM 10A – Native vegetation clearing set asides

Under section 60ZC of the Local Land Service Act 2013, has Council been notified by Local Land Services (or is it registered in the public register under that section) that the land contains a set aside area?

No

ITEM 11 – Bush fire prone land

- | | | |
|-----|--|-----|
| (a) | <i>All of the land is bush fire prone land.</i> | No |
| (b) | <i>Some of the land is bush fire prone land.</i> | No |
| (c) | <i>None of the land is bush fire prone land.</i> | Yes |

ITEM 12 – Property vegetation plans

Has Council been notified (by the person or body that approved the plan) of the existence of a property vegetation plan approved under Part 4 of the Native Vegetation Act 2003 (and that continues in force) applying to the land?

No

ITEM 13 – Orders under Trees (Disputes Between Neighbours) Act 2006

Has Council been notified that an order has been made under the Trees (Disputes Between Neighbours) Act 2006 to carry out work in relation to a tree on the land?

No

ITEM 14 – Directions under Part 3A

Is there a direction by the Minister in force under section 75P (2) (c1) of the Environmental Planning and Assessment Act 1979 that a provision of an environmental planning instrument prohibiting or restricting the carrying out of a project or a stage of a project on the land under Part 4 of the Act does not have effect?

No

ITEM 15 – Site compatibility certificates and conditions for seniors housing

- (a) *Has a current site compatibility certificate (seniors housing), of which the Council is aware, been issued under State Environmental Planning Policy (Housing for Seniors or People with a Disability) 2004 in respect of proposed development on the land?*

No

- (b) *Have any terms of a kind referred to in clause 18(2) of State Environmental Planning Policy (Housing for Seniors or People with a Disability) 2004 been imposed as a condition of consent to a development application granted after 11 October 2007 in respect of the land?*

No

ITEM 16 – Site compatibility certificates for infrastructure, schools or TAFE establishments

Has a valid site compatibility certificate (infrastructure) or a site compatibility certificate (schools or TAFE establishments), of which the Council is aware, been issued?

No

ITEM 17 – Site compatibility certificates and conditions for affordable rental housing

1. *Has a current site compatibility certificate (affordable rental housing), of which the Council is aware, been issued in respect of proposed development on the land?*

No

2. *Have any terms of a kind referred to in clause 17(1) or 38(1) of State Environmental Planning Policy (Affordable Rental Housing) 2009 been imposed as a condition of consent to a development application in respect of the land?*

No

ITEM 18 – Paper subdivision information

Has a development plan been adopted that applies to the land or that is proposed to be subject to a consent ballot?

No

ITEM 19 – Site verification certificates

Has Council been made aware of a current site verification certificate that has been issued in respect of the land?

No

ITEM 20 – Loose – fill asbestos insulation

Has Council been notified that the land includes any residential premises (within the meaning of Division 1A of Part 8 of the Home Building Act 1989) that are listed on the register that is required to be maintained under that Division?

No. Contact NSW Fair Trading for more information.

ITEM 21 – Affected building notices and building product rectification orders

1. *Is any affected building notice in force in respect of the land?*

No

2. Is any building product rectification order in force in respect of the land that has not been fully complied with?

No

3. Has a notice of intention to make a building product rectification order been given in respect of that land that is outstanding?

No

ITEM 22 – Matters arising under the Contaminated Land Management Act 1997

Section 59(2) of the Contaminated Land Management Act 1997 prescribes the following additional matters to be specified in planning certificates:-

- (a) *At the date of this certificate, is the land (or part of the land) to which this certificate relates significantly contaminated land?*

No

- (b) *At the date of this certificate, is the land to which this certificate relates subject to a management order?*

No

- (c) *At the date of this certificate, is the land to which this certificate relates the subject of an approved voluntary management proposal?*

No

- (d) *At the date of this certificate, is the land to which this certificate relates subject to an ongoing maintenance order?*

No

- (e) *At the date of this certificate, is the land to which this certificate relates the subject of a site audit statement and a copy of such a statement has been provided to the Council?*

No

SECTION 10.7(5) ADVICE

In accordance with section 10.7(5) of the Act the following advice is given on other relevant matters affecting the land.

1. **Demolition**

Under the local environmental plan applying to the land, development consent is required for the demolition of any building on the land except where the demolition complies with the exempt development requirements specified in State Environmental Planning Policy (Exempt and Complying Development Codes) 2008 and the Canada Bay Local Environmental Plan, 2013.

2. Foreshore Building Line

Is the land affected by a foreshore building line?

No

3. Other Heritage considerations

Is the land adjoining or opposite a heritage item under the provisions of the Local Environmental Plan applying to the land?

Yes

Has the property been identified as one that is contributory to the heritage values of a conservation area?

No

Is the land adjoining or opposite a heritage conservation area under the provisions of the Local Environmental Plan applying to the land?

No

Does the land contain an item of environmental heritage identified within the Sydney Regional Environmental Plan (Sydney Harbour Catchment) 2005?

No

4. Aircraft Noise

Is the land affected by aircraft noise?

The property could be affected by aircraft noise. For further details contact Airservices Australia (www.airservices.gov.au), or refer to Council's Public Mapping Service (www.canadabay.nsw.gov.au/eservices/publicmapping-service).

5. Other Advice

The Council commissioned a flood study which applies to this land. Please refer to the Draft Exile Bay Flood Study for more information.

GENERAL INFORMATION

The absence of any reference to a matter affecting the land shall not imply that the land is not affected by that matter not referred to in this certificate.

Information provided under section 10.7(2) is in accordance with the matters prescribed under schedule 4 of the Environmental Planning and Assessment Regulation 2000 and is provided only to the extent that the Council has been notified by the Department of Public Works or Department of Planning.

When advice in accordance with section 10.7(5) is requested the Council is under no obligation to furnish any advice. If advice is provided Council draws your attention to section 10.7(6) and schedule 6 of the *Environmental Planning and Assessment Act 1979* which have the effect that Council shall not incur any liability in respect of advice provided in good faith pursuant to section 10.7(5), including the furnishing of advice in respect of contaminated land.

Any enquiries regarding State and Regional Environmental Planning Policies should be directed to the Department of Planning at **[http:// www.planning.nsw.gov.au](http://www.planning.nsw.gov.au)**

Please contact Council's Strategic Planning section for further information about this Planning Certificate.



John Clark
General Manager

APPLICANT: Geotechnique Pty Ltd
P O Box 880
PENRITH NSW 2750

PLANNING CERTIFICATE - under section 10.7
Environmental Planning and Assessment Act 1979

Property: 160 Burwood Road CONCORD NSW 2137

Title: Lot 398 DP 752023

Certificate No:	PC2022/0753	Certificate Date:	29/03/2022
Receipt No:	Online Receipt	Certificate Fee:	\$133.00
Land No:	33845	Applicant's Ref:	20136/1

SECTION 10.7(2)

In accordance with the requirements of section 10.7(2) of the Environmental Planning and Assessment Act (1979) ("the Act"), the following prescribed matters relate to the land at the date of this certificate.

ITEM 1 - Names of relevant planning instruments and DCPs**1. *The following environmental planning instruments apply to the carrying out of development on the land:***

Canada Bay Local Environmental Plan 2013

State Environmental Planning Policy (Biodiversity and Conservation) 2021
State Environmental Planning Policy (Building Sustainability Index: BASIX) 2004
State Environmental Planning Policy (Exempt and Complying Development Codes) 2008
State Environmental Planning Policy (Housing) 2021
State Environmental Planning Policy (Industry and Employment) 2021
State Environmental Planning Policy No. 65 – Design Quality of Residential Flat Development
State Environmental Planning Policy (Planning Systems) 2021
State Environmental Planning Policy (Precincts – Central River City) 2021
State Environmental Planning Policy (Primary Production) 2021
State Environmental Planning Policy (Resilience and Hazards) 2021
State Environmental Planning Policy (Resources and Energy) 2021
State Environmental Planning Policy (Transport and Infrastructure) 2021

2. *The following proposed environmental planning instruments apply to the carrying out of development on the land and are or have been the subject of community consultation or on public exhibition under the Environmental Planning and Assessment Act 1979:*

Planning Proposal - LEP Miscellaneous Amendments (PP2020/0002)
State Environmental Planning Policy (Environment)
Design and Place State Environmental Planning Policy

3. *The following development control plans apply to the carrying out of development on the land:*

City of Canada Bay Development Control Plan
Sydney Harbour Foreshores & Waterways Area Development Control Plan

ITEM 2 - Zoning and land use under relevant LEPs**1. (a) *Zoning details in the instruments identified in item 1(1) above***

Zone IN1 General Industrial

1 Objectives of zone

- To provide a wide range of industrial and warehouse land uses.
- To encourage employment opportunities.
- To minimise any adverse effect of industry on other land uses.
- To support and protect industrial land for industrial uses.

2 Permitted without consent

Environmental protection works

3 Permitted with consent

Depots; Freight transport facilities; Garden Centres; General industries; Hardware and Building Supplies; Industrial training facilities; Light industries; Neighbourhood shops; Roads; Places of Public Worship; Warehouse or distribution centres; Any other development not specified in item 2 or 4

4 Prohibited

Agriculture; Air transport facilities; Airstrips; Amusement centres; Boat launching ramps; Boat sheds; Camping grounds; Caravan parks; Cemeteries; Charter and tourism boating facilities; Child care centres; Commercial premises; Community facilities; Correctional centres; Crematoria; Eco-tourist facilities; Educational establishments; Entertainment facilities; Exhibition homes; Exhibition villages; Extractive industries; Farm buildings; Forestry; Function centres; Health services facilities; Heavy industrial storage establishments; Heavy industries; Helipads; Highway service centres; Home-based child care; Home businesses; Home occupations; Home occupations (sex services); Information and education facilities; Jetties; Marinas; Mooring pens; Moorings; Open cut mining; Public administration buildings; Recreation facilities (major); Registered clubs; Research stations; Residential accommodation; Respite day care centres; Restricted premises; Rural industries; Sex services premises; Tourist and visitor accommodation; Water recreation structures; Water supply systems; Wharf or boating facilities; Wholesale supplies

Additional permitted uses

No additional uses apply

(b) Are there development standards applying to the land, which fix minimum land dimensions for the erection of a dwelling house on the land?

No fixed minimum land dimensions apply to this land

(c) Does the land include or comprise critical habitat?

The land does not include or comprise critical habitat under an EPI

(d) Is the land within a heritage conservation area?

The land is not within a heritage conservation area

(e) Is there a heritage item situated on the land?

There are no heritage items situated on the land

2. (a) Zoning details in the instruments identified in item 1(2) above

No draft zoning applies to the land

Additional permitted uses

No draft additional uses apply

(b) Are there development standards applying to the land, which fix minimum land dimensions for the erection of a dwelling house on the land?

No fixed minimum land dimensions apply to the land under a draft environmental planning instrument

(c) Does the land include or comprise critical habitat?

The land does not include or comprise critical habitat under a draft EPI

(d) Is the land within a draft heritage conservation area?

The land is not within a draft heritage conservation area

(e) Is there a draft heritage item situated on the land?

There are no draft heritage items situated on the land

ITEM 2A - Zoning and land use under State Environmental Planning Policy (Sydney Region Growth Centres) 2006

Is the land identified within any zone under Part 3 of State Environmental Planning Policy (Sydney Region Growth Centres) 2006, a Precinct Plan, or a Proposed Precinct Plan that is or has been the subject of community consultation or on public exhibition under the Act?

No

ITEM 3 – Complying Development Exclusions

Is the land, land on which complying development may be carried out under clauses 1.17A(1)(c) to (e), (2), (3) and (4), 1.18 (1)(c3) and 1.19 of State Environmental Planning Policy (Exempt and Complying Development Codes) 2008?

Housing Code

Yes, under the Housing Code complying development may be carried out on the land.

Rural Housing Code

Yes, under the Rural Housing Code complying development may be carried out on the land.

Low Rise Housing Diversity Code

Yes, under the Low Rise Housing Diversity Code complying development may be carried out on the land.

Greenfield Housing Code

Yes, under the Greenfield Housing Code complying development may be carried out on the land.

Inland Code

Yes, under the Inland Housing Code complying development may be carried out on the land.

Housing Alterations Code

Yes, under the Housing Alterations Code complying development may be carried out on the land.

General Development Code

Yes, under the General Development Code complying development may be carried out on the land.

Commercial and Industrial Alterations Code

Yes, under the General Commercial and Industrial Code complying development may be carried out on the land.

Commercial and Industrial (New Buildings and Additions) Code

Yes, under the General Commercial and Industrial (New Buildings and Additions) Code complying development may be carried out on the land.

Container Recycling Facilities Code

Yes, under the Container Recycling Facilities Code complying development may be carried out on the land.

Subdivisions Code

Yes, under the Subdivisions Code complying development may be carried out on the land.

Demolition Code

Yes, under the Demolition Code complying development may be carried out on the land.

Fire Safety Code

Yes, under the Fire Safety Code complying development may be carried out on the land.

ITEM 4 – Repealed

ITEM 4A – Repealed

ITEM 4B – Annual charges under Local Government Act 1993 for coastal protection services that relate to existing coastal protection works

Has the owner (or any previous owner) of the land consented in writing to the land being subject to annual charges under section 496B of the Local Government Act 1993 for coastal protection services that relate to existing coastal protection works (within the meaning of section 553B of that Act)?

No

ITEM 5 – Mine subsidence

Is the land proclaimed to be in a mine subsidence district within the meaning of section 15 of the Mine Subsidence Compensation Act 1961?

No

ITEM 6 – Road widening and road realignment

Is the land affected by any road widening or road realignment under:

- (a) Division 2 of Part 3 of the Roads Act 1993; or*
- (b) Any environmental planning instrument; or*
- (c) Any resolution of the Council?*

No

ITEM 7 – Council and other public authority policies on hazard risk restrictions

- (a) Whether or not the land is affected by a policy adopted by the Council that restricts the development of the land because of the likelihood of:-*

- | | | |
|-------|---------------------|-----|
| (i) | land slip | No |
| (ii) | bushfire | No |
| (iii) | tidal inundation | No |
| (iv) | subsidence | No |
| (v) | acid sulphate soils | Yes |

The land is identified as being within Class 5 on the Acid Sulfate Soil Map under the Canada Bay LEP 2013. Works prohibited without Council approval (except as provided by subclause 4 of clause 6.1 of the Canada Bay LEP 2013) include:

- Works within 500 metres of adjacent Class 1, 2, 3 or 4 land that is below 5 metres Australian Height Datum by which the watertable is likely to be lowered below 1 metre Australian Height Datum on adjacent Class 1, 2, 3 or 4 land.

- (vi) land contamination Yes

Council has adopted by resolution a policy on contaminated land that applies to all land within the City of Canada Bay. Please note that this statement refers to whether or not Council has a policy regarding contamination and is not a statement on whether the property is affected by contamination or potential contamination.

- (b) ***Whether or not the land is affected by a policy adopted by any other public authority and notified to the Council for the express purpose of its adoption by that authority being referred to in planning certificates issued by the Council that restricts the development of the land because of the likelihood of:-***

- | | | |
|-------|---------------------|----|
| (i) | land slip | No |
| (ii) | bushfire | No |
| (iii) | tidal inundation | No |
| (iv) | subsidence | No |
| (v) | acid sulphate soils | No |
| (vi) | land contamination | No |

ITEM 7A – Flood related development controls

1. ***If the land or part of the land is within the flood planning area and subject to flood related development controls.***

No

2. ***If the land or part of the land is between the flood planning area and the probable maximum flood and subject to flood related development controls.***

Yes, please refer to Council's Planning Controls webpage for more information on Flood Planning.

ITEM 8 – Land reserved for acquisition

Is there an environmental planning instrument, or proposed environmental planning instrument referred to in clause 1 which makes provision in relation to the acquisition of the land by a public authority, as referred to in section 3.15 of the Environmental Planning and Assessment Act 1979?

No

ITEM 9 – Contributions plans

The name of each contributions plan applying to the land is:-

City of Canada Bay Local Infrastructure Contributions Plan

City of Canada Bay Affordable Housing Contributions Scheme

ITEM 9A - Biodiversity certified land***Is the land biodiversity certified land under Part 8 of the Biodiversity Conservation Act 2016 (including land certified under Part 7AA of the Threatened Species Conservation Act 1995)?***

No

ITEM 10 – Biodiversity stewardship sites***Has Council been notified by the Chief Executive of the Office of Environment and Heritage that the land is a biodiversity stewardship site under a biodiversity stewardship agreement under Part 5 of the Biodiversity Conservation Act 2016 (including biobanking agreements under Part 7A of the Threatened Species Conservation Act 1995)?***

No

ITEM 10A – Native vegetation clearing set asides***Under section 60ZC of the Local Land Service Act 2013, has Council been notified by Local Land Services (or is it registered in the public register under that section) that the land contains a set aside area?***

No

ITEM 11 – Bush fire prone land

- | | | |
|-----|--|-----|
| (a) | <i>All of the land is bush fire prone land.</i> | No |
| (b) | <i>Some of the land is bush fire prone land.</i> | No |
| (c) | <i>None of the land is bush fire prone land.</i> | Yes |

ITEM 12 – Property vegetation plans***Has Council been notified (by the person or body that approved the plan) of the existence of a property vegetation plan approved under Part 4 of the Native Vegetation Act 2003 (and that continues in force) applying to the land?***

No

ITEM 13 – Orders under Trees (Disputes Between Neighbours) Act 2006***Has Council been notified that an order has been made under the Trees (Disputes Between Neighbours) Act 2006 to carry out work in relation to a tree on the land?***

No

ITEM 14 – Directions under Part 3A

Is there a direction by the Minister in force under section 75P (2) (c1) of the Environmental Planning and Assessment Act 1979 that a provision of an environmental planning instrument prohibiting or restricting the carrying out of a project or a stage of a project on the land under Part 4 of the Act does not have effect?

No

ITEM 15 – Site compatibility certificates and conditions for seniors housing

- (a) *Has a current site compatibility certificate (seniors housing), of which the Council is aware, been issued under State Environmental Planning Policy (Housing for Seniors or People with a Disability) 2004 in respect of proposed development on the land?*

No

- (b) *Have any terms of a kind referred to in clause 18(2) of State Environmental Planning Policy (Housing for Seniors or People with a Disability) 2004 been imposed as a condition of consent to a development application granted after 11 October 2007 in respect of the land?*

No

ITEM 16 – Site compatibility certificates for infrastructure, schools or TAFE establishments

Has a valid site compatibility certificate (infrastructure) or a site compatibility certificate (schools or TAFE establishments), of which the Council is aware, been issued?

No

ITEM 17 – Site compatibility certificates and conditions for affordable rental housing

1. *Has a current site compatibility certificate (affordable rental housing), of which the Council is aware, been issued in respect of proposed development on the land?*

No

2. *Have any terms of a kind referred to in clause 17(1) or 38(1) of State Environmental Planning Policy (Affordable Rental Housing) 2009 been imposed as a condition of consent to a development application in respect of the land?*

No

ITEM 18 – Paper subdivision information

Has a development plan been adopted that applies to the land or that is proposed to be subject to a consent ballot?

No

ITEM 19 – Site verification certificates

Has Council been made aware of a current site verification certificate that has been issued in respect of the land?

No

ITEM 20 – Loose – fill asbestos insulation

Has Council been notified that the land includes any residential premises (within the meaning of Division 1A of Part 8 of the Home Building Act 1989) that are listed on the register that is required to be maintained under that Division?

No. Contact NSW Fair Trading for more information.

ITEM 21 – Affected building notices and building product rectification orders

1. **Is any affected building notice in force in respect of the land?**

No

2. **Is any building product rectification order in force in respect of the land that has not been fully complied with?**

No

3. **Has a notice of intention to make a building product rectification order been given in respect of that land that is outstanding?**

No

ITEM 22 – Matters arising under the Contaminated Land Management Act 1997

Section 59(2) of the Contaminated Land Management Act 1997 prescribes the following additional matters to be specified in planning certificates:-

(a) ***At the date of this certificate, is the land (or part of the land) to which this certificate relates significantly contaminated land?***

No

(b) ***At the date of this certificate, is the land to which this certificate relates subject to a management order?***

No

- (c) ***At the date of this certificate, is the land to which this certificate relates the subject of an approved voluntary management proposal?***

No

- (d) ***At the date of this certificate, is the land to which this certificate relates subject to an ongoing maintenance order?***

No

- (e) ***At the date of this certificate, is the land to which this certificate relates the subject of a site audit statement and a copy of such a statement has been provided to the Council?***

No

SECTION 10.7(5) ADVICE

In accordance with section 10.7(5) of the Act the following advice is given on other relevant matters affecting the land.

1. Demolition

Under the local environmental plan applying to the land, development consent is required for the demolition of any building on the land except where the demolition complies with the exempt development requirements specified in State Environmental Planning Policy (Exempt and Complying Development Codes) 2008 and the Canada Bay Local Environmental Plan, 2013.

2. Foreshore Building Line

Is the land affected by a foreshore building line?

No

3. Other Heritage considerations

Is the land adjoining or opposite a heritage item under the provisions of the Local Environmental Plan applying to the land?

No

Has the property been identified as one that is contributory to the heritage values of a conservation area?

No

Is the land adjoining or opposite a heritage conservation area under the provisions of the Local Environmental Plan applying to the land?

No

Does the land contain an item of environmental heritage identified within the Sydney Regional Environmental Plan (Sydney Harbour Catchment) 2005?

No

4. Aircraft Noise

Is the land affected by aircraft noise?

The property could be affected by aircraft noise. For further details contact Airservices Australia (www.airservices.gov.au), or refer to Council's Public Mapping Service (www.canadabay.nsw.gov.au/eservices/publicmapping-service).

5. Other Advice

The Council commissioned a flood study which applies to this land. Please refer to the Draft Exile Bay Flood Study for more information.

GENERAL INFORMATION

The absence of any reference to a matter affecting the land shall not imply that the land is not affected by that matter not referred to in this certificate.

Information provided under section 10.7(2) is in accordance with the matters prescribed under schedule 4 of the Environmental Planning and Assessment Regulation 2000 and is provided only to the extent that the Council has been notified by the Department of Public Works or Department of Planning.

When advice in accordance with section 10.7(5) is requested the Council is under no obligation to furnish any advice. If advice is provided Council draws your attention to section 10.7(6) and schedule 6 of the *Environmental Planning and Assessment Act 1979* which have the effect that Council shall not incur any liability in respect of advice provided in good faith pursuant to section 10.7(5), including the furnishing of advice in respect of contaminated land.

Any enquiries regarding State and Regional Environmental Planning Policies should be directed to the Department of Planning at [http:// www.planning.nsw.gov.au](http://www.planning.nsw.gov.au)

Please contact Council's Strategic Planning section for further information about this Planning Certificate.



John Clark
General Manager

APPLICANT: Geotechnique Pty Ltd
P O Box 880
PENRITH NSW 2750

PLANNING CERTIFICATE - under section 10.7
Environmental Planning and Assessment Act 1979

Property: 160 Burwood Road CONCORD NSW 2137

Title: Lot 399 DP 752023

Certificate No:	PC2022/0754	Certificate Date:	29/03/2022
Receipt No:	Online Receipt	Certificate Fee:	\$133.00
Land No:	33846	Applicant's Ref:	20136/1

SECTION 10.7(2)

In accordance with the requirements of section 10.7(2) of the Environmental Planning and Assessment Act (1979) ("the Act"), the following prescribed matters relate to the land at the date of this certificate.

ITEM 1 - Names of relevant planning instruments and DCPs**1. *The following environmental planning instruments apply to the carrying out of development on the land:***

Canada Bay Local Environmental Plan 2013

State Environmental Planning Policy (Biodiversity and Conservation) 2021
State Environmental Planning Policy (Building Sustainability Index: BASIX) 2004
State Environmental Planning Policy (Exempt and Complying Development Codes) 2008
State Environmental Planning Policy (Housing) 2021
State Environmental Planning Policy (Industry and Employment) 2021
State Environmental Planning Policy No. 65 – Design Quality of Residential Flat Development
State Environmental Planning Policy (Planning Systems) 2021
State Environmental Planning Policy (Precincts – Central River City) 2021
State Environmental Planning Policy (Primary Production) 2021
State Environmental Planning Policy (Resilience and Hazards) 2021
State Environmental Planning Policy (Resources and Energy) 2021
State Environmental Planning Policy (Transport and Infrastructure) 2021

2. *The following proposed environmental planning instruments apply to the carrying out of development on the land and are or have been the subject of community consultation or on public exhibition under the Environmental Planning and Assessment Act 1979:*

Planning Proposal - LEP Miscellaneous Amendments (PP2020/0002)
State Environmental Planning Policy (Environment)
Design and Place State Environmental Planning Policy

3. *The following development control plans apply to the carrying out of development on the land:*

City of Canada Bay Development Control Plan
Sydney Harbour Foreshores & Waterways Area Development Control Plan

ITEM 2 - Zoning and land use under relevant LEPs**1. (a) *Zoning details in the instruments identified in item 1(1) above***

Zone IN1 General Industrial

1 Objectives of zone

- To provide a wide range of industrial and warehouse land uses.
- To encourage employment opportunities.
- To minimise any adverse effect of industry on other land uses.
- To support and protect industrial land for industrial uses.

2 Permitted without consent

Environmental protection works

3 Permitted with consent

Depots; Freight transport facilities; Garden Centres; General industries; Hardware and Building Supplies; Industrial training facilities; Light industries; Neighbourhood shops; Roads; Places of Public Worship; Warehouse or distribution centres; Any other development not specified in item 2 or 4

4 Prohibited

Agriculture; Air transport facilities; Airstrips; Amusement centres; Boat launching ramps; Boat sheds; Camping grounds; Caravan parks; Cemeteries; Charter and tourism boating facilities; Child care centres; Commercial premises; Community facilities; Correctional centres; Crematoria; Eco-tourist facilities; Educational establishments; Entertainment facilities; Exhibition homes; Exhibition villages; Extractive industries; Farm buildings; Forestry; Function centres; Health services facilities; Heavy industrial storage establishments; Heavy industries; Helipads; Highway service centres; Home-based child care; Home businesses; Home occupations; Home occupations (sex services); Information and education facilities; Jetties; Marinas; Mooring pens; Moorings; Open cut mining; Public administration buildings; Recreation facilities (major); Registered clubs; Research stations; Residential accommodation; Respite day care centres; Restricted premises; Rural industries; Sex services premises; Tourist and visitor accommodation; Water recreation structures; Water supply systems; Wharf or boating facilities; Wholesale supplies

Additional permitted uses

No additional uses apply

(b) Are there development standards applying to the land, which fix minimum land dimensions for the erection of a dwelling house on the land?

No fixed minimum land dimensions apply to this land

(c) Does the land include or comprise critical habitat?

The land does not include or comprise critical habitat under an EPI

(d) Is the land within a heritage conservation area?

The land is not within a heritage conservation area

(e) Is there a heritage item situated on the land?

There are no heritage items situated on the land

2. (a) Zoning details in the instruments identified in item 1(2) above

No draft zoning applies to the land

Additional permitted uses

No draft additional uses apply

(b) Are there development standards applying to the land, which fix minimum land dimensions for the erection of a dwelling house on the land?

No fixed minimum land dimensions apply to the land under a draft environmental planning instrument

(c) Does the land include or comprise critical habitat?

The land does not include or comprise critical habitat under a draft EPI

(d) Is the land within a draft heritage conservation area?

The land is not within a draft heritage conservation area

(e) Is there a draft heritage item situated on the land?

There are no draft heritage items situated on the land

ITEM 2A - Zoning and land use under State Environmental Planning Policy (Sydney Region Growth Centres) 2006

Is the land identified within any zone under Part 3 of State Environmental Planning Policy (Sydney Region Growth Centres) 2006, a Precinct Plan, or a Proposed Precinct Plan that is or has been the subject of community consultation or on public exhibition under the Act?

No

ITEM 3 – Complying Development Exclusions

Is the land, land on which complying development may be carried out under clauses 1.17A(1)(c) to (e), (2), (3) and (4), 1.18 (1)(c3) and 1.19 of State Environmental Planning Policy (Exempt and Complying Development Codes) 2008?

Housing Code

No, to the extent that the land is affected by specific land exemptions listed below. You should consult the relevant local environmental plan maps to determine the extent of affection over the land.

Land that is identified as Class 1 or 2. However, if the land exemption only applies to part of the lot the exclusion does not apply to the remainder of the lot. Refer to Acid Sulfate Soils Maps for further detail on the part of the lot that may be affected.

Rural Housing Code

No, to the extent that the land is affected by specific land exemptions listed below. You

should consult the relevant local environmental plan maps to determine the extent of affection over the land.

Low Rise Housing Diversity Code

No, to the extent that the land is affected by specific land exemptions listed below. You should consult the relevant local environmental plan maps to determine the extent of affection over the land.

Land that is identified as Class 1 or 2. However, if the land exemption only applies to part of the lot the exclusion does not apply to the remainder of the lot. Refer to Acid Sulfate Soils Maps for further detail on the part of the lot that may be affected.

Greenfield Housing Code

No, to the extent that the land is affected by specific land exemptions listed below. You should consult the relevant local environmental plan maps to determine the extent of affection over the land.

Land that is identified as Class 1 or 2. However, if the land exemption only applies to part of the lot the exclusion does not apply to the remainder of the lot. Refer to Acid Sulfate Soils Maps for further detail on the part of the lot that may be affected.

Inland Code

No, to the extent that the land is affected by specific land exemptions listed below. You should consult the relevant local environmental plan maps to determine the extent of affection over the land.

Land that is identified as Class 1 or 2. However, if the land exemption only applies to part of the lot the exclusion does not apply to the remainder of the lot. Refer to Acid Sulfate Soils Maps for further detail on the part of the lot that may be affected.

Housing Alterations Code

Yes, under the Housing Alterations Code complying development may be carried out on the land.

General Development Code

Yes, under the General Development Code complying development may be carried out on the land.

Commercial and Industrial Alterations Code

Yes, under the General Commercial and Industrial Code complying development may be carried out on the land.

Commercial and Industrial (New Buildings and Additions) Code

No, to the extent that the land is affected by specific land exemptions listed below. You should consult the relevant local environmental plan maps to determine the extent of affection over the land.

Land that is identified as Class 1 or 2. However, if the land exemption only applies to part

of the lot the exclusion does not apply to the remainder of the lot. Refer to Acid Sulfate Soils Maps for further detail on the part of the lot that may be affected.

Container Recycling Facilities Code

Yes, under the Container Recycling Facilities Code complying development may be carried out on the land.

Subdivisions Code

Yes, under the Subdivisions Code complying development may be carried out on the land.

Demolition Code

Yes, under the Demolition Code complying development may be carried out on the land.

Fire Safety Code

Yes, under the Fire Safety Code complying development may be carried out on the land.

ITEM 4 – Repealed

ITEM 4A – Repealed

ITEM 4B – Annual charges under Local Government Act 1993 for coastal protection services that relate to existing coastal protection works

Has the owner (or any previous owner) of the land consented in writing to the land being subject to annual charges under section 496B of the Local Government Act 1993 for coastal protection services that relate to existing coastal protection works (within the meaning of section 553B of that Act)?

No

ITEM 5 – Mine subsidence

Is the land proclaimed to be in a mine subsidence district within the meaning of section 15 of the Mine Subsidence Compensation Act 1961?

No

ITEM 6 – Road widening and road realignment

Is the land affected by any road widening or road realignment under:

- (a) Division 2 of Part 3 of the Roads Act 1993; or*
- (b) Any environmental planning instrument; or*

(c) Any resolution of the Council?

No

ITEM 7 – Council and other public authority policies on hazard risk restrictions

(a) Whether or not the land is affected by a policy adopted by the Council that restricts the development of the land because of the likelihood of:-

- | | | |
|-------|---------------------|-----|
| (i) | land slip | No |
| (ii) | bushfire | No |
| (iii) | tidal inundation | No |
| (iv) | subsidence | No |
| (v) | acid sulphate soils | Yes |

The land is identified as being within Class 2 on the Acid Sulfate Soil Map under the Canada Bay LEP 2013. Works prohibited without Council approval (except as provided by subclause 4 of clause 6.1 of the Canada Bay LEP 2013) include:

- Works below the natural ground surface
- Works by which the watertable is likely to be lowered.

- | | | |
|------|--------------------|-----|
| (vi) | land contamination | Yes |
|------|--------------------|-----|

Council has adopted by resolution a policy on contaminated land that applies to all land within the City of Canada Bay. Please note that this statement refers to whether or not Council has a policy regarding contamination and is not a statement on whether the property is affected by contamination or potential contamination.

(b) Whether or not the land is affected by a policy adopted by any other public authority and notified to the Council for the express purpose of its adoption by that authority being referred to in planning certificates issued by the Council that restricts the development of the land because of the likelihood of:-

- | | | |
|-------|---------------------|----|
| (i) | land slip | No |
| (ii) | bushfire | No |
| (iii) | tidal inundation | No |
| (iv) | subsidence | No |
| (v) | acid sulphate soils | No |
| (vi) | land contamination | No |
-

ITEM 7A – Flood related development controls

1. If the land or part of the land is within the flood planning area and subject to flood related development controls.

No

2. ***If the land or part of the land is between the flood planning area and the probable maximum flood and subject to flood related development controls.***

Yes, please refer to Council's Planning Controls webpage for more information on Flood Planning.

ITEM 8 – Land reserved for acquisition

Is there an environmental planning instrument, or proposed environmental planning instrument referred to in clause 1 which makes provision in relation to the acquisition of the land by a public authority, as referred to in section 3.15 of the Environmental Planning and Assessment Act 1979?

No

ITEM 9 – Contributions plans

The name of each contributions plan applying to the land is:-

City of Canada Bay Local Infrastructure Contributions Plan

City of Canada Bay Affordable Housing Contributions Scheme

ITEM 9A - Biodiversity certified land

Is the land biodiversity certified land under Part 8 of the Biodiversity Conservation Act 2016 (including land certified under Part 7AA of the Threatened Species Conservation Act 1995)?

No

ITEM 10 – Biodiversity stewardship sites

Has Council been notified by the Chief Executive of the Office of Environment and Heritage that the land is a biodiversity stewardship site under a biodiversity stewardship agreement under Part 5 of the Biodiversity Conservation Act 2016 (including biobanking agreements under Part 7A of the Threatened Species Conservation Act 1995)?

No

ITEM 10A – Native vegetation clearing set asides

Under section 60ZC of the Local Land Service Act 2013, has Council been notified by Local Land Services (or is it registered in the public register under that section) that the land contains a set aside area?

No

ITEM 11 – Bush fire prone land

- | | | |
|-----|--|-----|
| (a) | <i>All of the land is bush fire prone land.</i> | No |
| (b) | <i>Some of the land is bush fire prone land.</i> | No |
| (c) | <i>None of the land is bush fire prone land.</i> | Yes |

ITEM 12 – Property vegetation plans

Has Council been notified (by the person or body that approved the plan) of the existence of a property vegetation plan approved under Part 4 of the Native Vegetation Act 2003 (and that continues in force) applying to the land?

No

ITEM 13 – Orders under Trees (Disputes Between Neighbours) Act 2006

Has Council been notified that an order has been made under the Trees (Disputes Between Neighbours) Act 2006 to carry out work in relation to a tree on the land?

No

ITEM 14 – Directions under Part 3A

Is there a direction by the Minister in force under section 75P (2) (c1) of the Environmental Planning and Assessment Act 1979 that a provision of an environmental planning instrument prohibiting or restricting the carrying out of a project or a stage of a project on the land under Part 4 of the Act does not have effect?

No

ITEM 15 – Site compatibility certificates and conditions for seniors housing

- (a) *Has a current site compatibility certificate (seniors housing), of which the Council is aware, been issued under State Environmental Planning Policy (Housing for Seniors or People with a Disability) 2004 in respect of proposed development on the land?*

No

- (b) *Have any terms of a kind referred to in clause 18(2) of State Environmental Planning Policy (Housing for Seniors or People with a Disability) 2004 been imposed as a condition of consent to a development application granted after 11 October 2007 in respect of the land?*

No

ITEM 16 – Site compatibility certificates for infrastructure, schools or TAFE establishments

Has a valid site compatibility certificate (infrastructure) or a site compatibility certificate (schools or TAFE establishments), of which the Council is aware, been issued?

No

ITEM 17 – Site compatibility certificates and conditions for affordable rental housing

1. *Has a current site compatibility certificate (affordable rental housing), of which the Council is aware, been issued in respect of proposed development on the land?*

No

2. *Have any terms of a kind referred to in clause 17(1) or 38(1) of State Environmental Planning Policy (Affordable Rental Housing) 2009 been imposed as a condition of consent to a development application in respect of the land?*

No

ITEM 18 – Paper subdivision information

Has a development plan been adopted that applies to the land or that is proposed to be subject to a consent ballot?

No

ITEM 19 – Site verification certificates

Has Council been made aware of a current site verification certificate that has been issued in respect of the land?

No

ITEM 20 – Loose – fill asbestos insulation

Has Council been notified that the land includes any residential premises (within the meaning of Division 1A of Part 8 of the Home Building Act 1989) that are listed on the register that is required to be maintained under that Division?

No. Contact NSW Fair Trading for more information.

ITEM 21 – Affected building notices and building product rectification orders

1. *Is any affected building notice in force in respect of the land?*

No

2. Is any building product rectification order in force in respect of the land that has not been fully complied with?

No

3. Has a notice of intention to make a building product rectification order been given in respect of that land that is outstanding?

No

ITEM 22 – Matters arising under the Contaminated Land Management Act 1997

Section 59(2) of the Contaminated Land Management Act 1997 prescribes the following additional matters to be specified in planning certificates:-

- (a) *At the date of this certificate, is the land (or part of the land) to which this certificate relates significantly contaminated land?*

No

- (b) *At the date of this certificate, is the land to which this certificate relates subject to a management order?*

No

- (c) *At the date of this certificate, is the land to which this certificate relates the subject of an approved voluntary management proposal?*

No

- (d) *At the date of this certificate, is the land to which this certificate relates subject to an ongoing maintenance order?*

No

- (e) *At the date of this certificate, is the land to which this certificate relates the subject of a site audit statement and a copy of such a statement has been provided to the Council?*

No

SECTION 10.7(5) ADVICE

In accordance with section 10.7(5) of the Act the following advice is given on other relevant matters affecting the land.

1. **Demolition**

Under the local environmental plan applying to the land, development consent is required for the demolition of any building on the land except where the demolition complies with the exempt development requirements specified in State Environmental Planning Policy (Exempt and Complying Development Codes) 2008 and the Canada Bay Local Environmental Plan, 2013.

2. Foreshore Building Line

Is the land affected by a foreshore building line?

No

3. Other Heritage considerations

Is the land adjoining or opposite a heritage item under the provisions of the Local Environmental Plan applying to the land?

Yes

Has the property been identified as one that is contributory to the heritage values of a conservation area?

No

Is the land adjoining or opposite a heritage conservation area under the provisions of the Local Environmental Plan applying to the land?

No

Does the land contain an item of environmental heritage identified within the Sydney Regional Environmental Plan (Sydney Harbour Catchment) 2005?

No

4. Aircraft Noise

Is the land affected by aircraft noise?

The property could be affected by aircraft noise. For further details contact Airservices Australia (www.airservices.gov.au), or refer to Council's Public Mapping Service (www.canadabay.nsw.gov.au/eservices/publicmapping-service).

5. Other Advice

The Council commissioned a flood study which applies to this land. Please refer to the Draft Exile Bay Flood Study for more information.

GENERAL INFORMATION

The absence of any reference to a matter affecting the land shall not imply that the land is not affected by that matter not referred to in this certificate.

Information provided under section 10.7(2) is in accordance with the matters prescribed under schedule 4 of the Environmental Planning and Assessment Regulation 2000 and is provided only to the extent that the Council has been notified by the Department of Public Works or Department of Planning.

When advice in accordance with section 10.7(5) is requested the Council is under no obligation to furnish any advice. If advice is provided Council draws your attention to section 10.7(6) and schedule 6 of the *Environmental Planning and Assessment Act 1979* which have the effect that Council shall not incur any liability in respect of advice provided in good faith pursuant to section 10.7(5), including the furnishing of advice in respect of contaminated land.

Any enquiries regarding State and Regional Environmental Planning Policies should be directed to the Department of Planning at **[http:// www.planning.nsw.gov.au](http://www.planning.nsw.gov.au)**

Please contact Council's Strategic Planning section for further information about this Planning Certificate.



John Clark
General Manager

APPLICANT: Geotechnique Pty Ltd
 P O Box 880
 PENRITH NSW 2750

PLANNING CERTIFICATE - under section 10.7
Environmental Planning and Assessment Act 1979

Property: 160 Burwood Road CONCORD NSW 2137

Title: Lot 5 DP 129325

Certificate No:	PC2022/0755	Certificate Date:	29/03/2022
Receipt No:	Online Receipt	Certificate Fee:	\$133.00
Land No:	23425	Applicant's Ref:	20136/1

SECTION 10.7(2)

In accordance with the requirements of section 10.7(2) of the Environmental Planning and Assessment Act (1979) ("the Act"), the following prescribed matters relate to the land at the date of this certificate.

ITEM 1 - Names of relevant planning instruments and DCPs

1. ***The following environmental planning instruments apply to the carrying out of development on the land:***

Canada Bay Local Environmental Plan 2013

State Environmental Planning Policy (Biodiversity and Conservation) 2021
State Environmental Planning Policy (Building Sustainability Index: BASIX) 2004
State Environmental Planning Policy (Exempt and Complying Development Codes) 2008
State Environmental Planning Policy (Housing) 2021
State Environmental Planning Policy (Industry and Employment) 2021
State Environmental Planning Policy No. 65 – Design Quality of Residential Flat Development
State Environmental Planning Policy (Planning Systems) 2021
State Environmental Planning Policy (Precincts – Central River City) 2021
State Environmental Planning Policy (Primary Production) 2021
State Environmental Planning Policy (Resilience and Hazards) 2021
State Environmental Planning Policy (Resources and Energy) 2021
State Environmental Planning Policy (Transport and Infrastructure) 2021

2. ***The following proposed environmental planning instruments apply to the carrying out of development on the land and are or have been the subject of community consultation or on public exhibition under the Environmental Planning and Assessment Act 1979:***

Planning Proposal - LEP Miscellaneous Amendments (PP2020/0002)
State Environmental Planning Policy (Environment)
Design and Place State Environmental Planning Policy

3. ***The following development control plans apply to the carrying out of development on the land:***

City of Canada Bay Development Control Plan
Sydney Harbour Foreshores & Waterways Area Development Control Plan

ITEM 2 - Zoning and land use under relevant LEPs

1. (a) ***Zoning details in the instruments identified in item 1(1) above***

Zone IN1 General Industrial

1 Objectives of zone

- To provide a wide range of industrial and warehouse land uses.
- To encourage employment opportunities.
- To minimise any adverse effect of industry on other land uses.
- To support and protect industrial land for industrial uses.

2 Permitted without consent

Environmental protection works

3 Permitted with consent

Depots; Freight transport facilities; Garden Centres; General industries; Hardware and Building Supplies; Industrial training facilities; Light industries; Neighbourhood shops; Roads; Places of Public Worship; Warehouse or distribution centres; Any other development not specified in item 2 or 4

4 Prohibited

Agriculture; Air transport facilities; Airstrips; Amusement centres; Boat launching ramps; Boat sheds; Camping grounds; Caravan parks; Cemeteries; Charter and tourism boating facilities; Child care centres; Commercial premises; Community facilities; Correctional centres; Crematoria; Eco-tourist facilities; Educational establishments; Entertainment facilities; Exhibition homes; Exhibition villages; Extractive industries; Farm buildings; Forestry; Function centres; Health services facilities; Heavy industrial storage establishments; Heavy industries; Helipads; Highway service centres; Home-based child care; Home businesses; Home occupations; Home occupations (sex services); Information and education facilities; Jetties; Marinas; Mooring pens; Moorings; Open cut mining; Public administration buildings; Recreation facilities (major); Registered clubs; Research stations; Residential accommodation; Respite day care centres; Restricted premises; Rural industries; Sex services premises; Tourist and visitor accommodation; Water recreation structures; Water supply systems; Wharf or boating facilities; Wholesale supplies

Additional permitted uses

No additional uses apply

(b) Are there development standards applying to the land, which fix minimum land dimensions for the erection of a dwelling house on the land?

No fixed minimum land dimensions apply to this land

(c) Does the land include or comprise critical habitat?

The land does not include or comprise critical habitat under an EPI

(d) Is the land within a heritage conservation area?

The land is not within a heritage conservation area

(e) Is there a heritage item situated on the land?

There are no heritage items situated on the land

2. (a) Zoning details in the instruments identified in item 1(2) above

No draft zoning applies to the land

Additional permitted uses

No draft additional uses apply

(b) Are there development standards applying to the land, which fix minimum land dimensions for the erection of a dwelling house on the land?

No fixed minimum land dimensions apply to the land under a draft environmental planning instrument

(c) Does the land include or comprise critical habitat?

The land does not include or comprise critical habitat under a draft EPI

(d) Is the land within a draft heritage conservation area?

The land is not within a draft heritage conservation area

(e) Is there a draft heritage item situated on the land?

There are no draft heritage items situated on the land

ITEM 2A - Zoning and land use under State Environmental Planning Policy (Sydney Region Growth Centres) 2006

Is the land identified within any zone under Part 3 of State Environmental Planning Policy (Sydney Region Growth Centres) 2006, a Precinct Plan, or a Proposed Precinct Plan that is or has been the subject of community consultation or on public exhibition under the Act?

No

ITEM 3 – Complying Development Exclusions

Is the land, land on which complying development may be carried out under clauses 1.17A(1)(c) to (e), (2), (3) and (4), 1.18 (1)(c3) and 1.19 of State Environmental Planning Policy (Exempt and Complying Development Codes) 2008?

Housing Code

Yes, under the Housing Code complying development may be carried out on the land.

Rural Housing Code

Yes, under the Rural Housing Code complying development may be carried out on the land.

Low Rise Housing Diversity Code

Yes, under the Low Rise Housing Diversity Code complying development may be carried out on the land.

Greenfield Housing Code

Yes, under the Greenfield Housing Code complying development may be carried out on the land.

Inland Code

Yes, under the Inland Housing Code complying development may be carried out on the land.

Housing Alterations Code

Yes, under the Housing Alterations Code complying development may be carried out on the land.

General Development Code

Yes, under the General Development Code complying development may be carried out on the land.

Commercial and Industrial Alterations Code

Yes, under the General Commercial and Industrial Code complying development may be carried out on the land.

Commercial and Industrial (New Buildings and Additions) Code

Yes, under the General Commercial and Industrial (New Buildings and Additions) Code complying development may be carried out on the land.

Container Recycling Facilities Code

Yes, under the Container Recycling Facilities Code complying development may be carried out on the land.

Subdivisions Code

Yes, under the Subdivisions Code complying development may be carried out on the land.

Demolition Code

Yes, under the Demolition Code complying development may be carried out on the land.

Fire Safety Code

Yes, under the Fire Safety Code complying development may be carried out on the land.

ITEM 4 – Repealed

ITEM 4A – Repealed

ITEM 4B – Annual charges under Local Government Act 1993 for coastal protection services that relate to existing coastal protection works

Has the owner (or any previous owner) of the land consented in writing to the land being subject to annual charges under section 496B of the Local Government Act 1993 for coastal protection services that relate to existing coastal protection works (within the meaning of section 553B of that Act)?

No

ITEM 5 – Mine subsidence

Is the land proclaimed to be in a mine subsidence district within the meaning of section 15 of the Mine Subsidence Compensation Act 1961?

No

ITEM 6 – Road widening and road realignment

Is the land affected by any road widening or road realignment under:

- (a) Division 2 of Part 3 of the Roads Act 1993; or*
- (b) Any environmental planning instrument; or*
- (c) Any resolution of the Council?*

No

ITEM 7 – Council and other public authority policies on hazard risk restrictions

- (a) Whether or not the land is affected by a policy adopted by the Council that restricts the development of the land because of the likelihood of:-**

- | | | |
|-------|---------------------|-----|
| (i) | land slip | No |
| (ii) | bushfire | No |
| (iii) | tidal inundation | No |
| (iv) | subsidence | No |
| (v) | acid sulphate soils | Yes |

The land is identified as being within Class 5 on the Acid Sulfate Soil Map under the Canada Bay LEP 2013. Works prohibited without Council approval (except as provided by subclause 4 of clause 6.1 of the Canada Bay LEP 2013) include:

- Works within 500 metres of adjacent Class 1, 2, 3 or 4 land that is below 5 metres Australian Height Datum by which the watertable is likely to be lowered below 1 metre Australian Height Datum on adjacent Class 1, 2, 3 or 4 land.

- (vi) land contamination Yes

Council has adopted by resolution a policy on contaminated land that applies to all land within the City of Canada Bay. Please note that this statement refers to whether or not Council has a policy regarding contamination and is not a statement on whether the property is affected by contamination or potential contamination.

- (b) ***Whether or not the land is affected by a policy adopted by any other public authority and notified to the Council for the express purpose of its adoption by that authority being referred to in planning certificates issued by the Council that restricts the development of the land because of the likelihood of:-***

- | | | |
|-------|---------------------|----|
| (i) | land slip | No |
| (ii) | bushfire | No |
| (iii) | tidal inundation | No |
| (iv) | subsidence | No |
| (v) | acid sulphate soils | No |
| (vi) | land contamination | No |

ITEM 7A – Flood related development controls

1. ***If the land or part of the land is within the flood planning area and subject to flood related development controls.***

No

2. ***If the land or part of the land is between the flood planning area and the probable maximum flood and subject to flood related development controls.***

Yes, please refer to Council's Planning Controls webpage for more information on Flood Planning.

ITEM 8 – Land reserved for acquisition

Is there an environmental planning instrument, or proposed environmental planning instrument referred to in clause 1 which makes provision in relation to the acquisition of the land by a public authority, as referred to in section 3.15 of the Environmental Planning and Assessment Act 1979?

No

ITEM 9 – Contributions plans

The name of each contributions plan applying to the land is:-

City of Canada Bay Local Infrastructure Contributions Plan

City of Canada Bay Affordable Housing Contributions Scheme

ITEM 9A - Biodiversity certified land***Is the land biodiversity certified land under Part 8 of the Biodiversity Conservation Act 2016 (including land certified under Part 7AA of the Threatened Species Conservation Act 1995)?***

No

ITEM 10 – Biodiversity stewardship sites***Has Council been notified by the Chief Executive of the Office of Environment and Heritage that the land is a biodiversity stewardship site under a biodiversity stewardship agreement under Part 5 of the Biodiversity Conservation Act 2016 (including biobanking agreements under Part 7A of the Threatened Species Conservation Act 1995)?***

No

ITEM 10A – Native vegetation clearing set asides***Under section 60ZC of the Local Land Service Act 2013, has Council been notified by Local Land Services (or is it registered in the public register under that section) that the land contains a set aside area?***

No

ITEM 11 – Bush fire prone land

- | | | |
|-----|--|-----|
| (a) | <i>All of the land is bush fire prone land.</i> | No |
| (b) | <i>Some of the land is bush fire prone land.</i> | No |
| (c) | <i>None of the land is bush fire prone land.</i> | Yes |

ITEM 12 – Property vegetation plans***Has Council been notified (by the person or body that approved the plan) of the existence of a property vegetation plan approved under Part 4 of the Native Vegetation Act 2003 (and that continues in force) applying to the land?***

No

ITEM 13 – Orders under Trees (Disputes Between Neighbours) Act 2006***Has Council been notified that an order has been made under the Trees (Disputes Between Neighbours) Act 2006 to carry out work in relation to a tree on the land?***

No

ITEM 14 – Directions under Part 3A

Is there a direction by the Minister in force under section 75P (2) (c1) of the Environmental Planning and Assessment Act 1979 that a provision of an environmental planning instrument prohibiting or restricting the carrying out of a project or a stage of a project on the land under Part 4 of the Act does not have effect?

No

ITEM 15 – Site compatibility certificates and conditions for seniors housing

- (a) *Has a current site compatibility certificate (seniors housing), of which the Council is aware, been issued under State Environmental Planning Policy (Housing for Seniors or People with a Disability) 2004 in respect of proposed development on the land?*

No

- (b) *Have any terms of a kind referred to in clause 18(2) of State Environmental Planning Policy (Housing for Seniors or People with a Disability) 2004 been imposed as a condition of consent to a development application granted after 11 October 2007 in respect of the land?*

No

ITEM 16 – Site compatibility certificates for infrastructure, schools or TAFE establishments

Has a valid site compatibility certificate (infrastructure) or a site compatibility certificate (schools or TAFE establishments), of which the Council is aware, been issued?

No

ITEM 17 – Site compatibility certificates and conditions for affordable rental housing

1. *Has a current site compatibility certificate (affordable rental housing), of which the Council is aware, been issued in respect of proposed development on the land?*

No

2. *Have any terms of a kind referred to in clause 17(1) or 38(1) of State Environmental Planning Policy (Affordable Rental Housing) 2009 been imposed as a condition of consent to a development application in respect of the land?*

No

ITEM 18 – Paper subdivision information

Has a development plan been adopted that applies to the land or that is proposed to be subject to a consent ballot?

No

ITEM 19 – Site verification certificates

Has Council been made aware of a current site verification certificate that has been issued in respect of the land?

No

ITEM 20 – Loose – fill asbestos insulation

Has Council been notified that the land includes any residential premises (within the meaning of Division 1A of Part 8 of the Home Building Act 1989) that are listed on the register that is required to be maintained under that Division?

No. Contact NSW Fair Trading for more information.

ITEM 21 – Affected building notices and building product rectification orders

1. **Is any affected building notice in force in respect of the land?**

No

2. **Is any building product rectification order in force in respect of the land that has not been fully complied with?**

No

3. **Has a notice of intention to make a building product rectification order been given in respect of that land that is outstanding?**

No

ITEM 22 – Matters arising under the Contaminated Land Management Act 1997

Section 59(2) of the Contaminated Land Management Act 1997 prescribes the following additional matters to be specified in planning certificates:-

(a) ***At the date of this certificate, is the land (or part of the land) to which this certificate relates significantly contaminated land?***

No

(b) ***At the date of this certificate, is the land to which this certificate relates subject to a management order?***

No

- (c) ***At the date of this certificate, is the land to which this certificate relates the subject of an approved voluntary management proposal?***

No

- (d) ***At the date of this certificate, is the land to which this certificate relates subject to an ongoing maintenance order?***

No

- (e) ***At the date of this certificate, is the land to which this certificate relates the subject of a site audit statement and a copy of such a statement has been provided to the Council?***

No

SECTION 10.7(5) ADVICE

In accordance with section 10.7(5) of the Act the following advice is given on other relevant matters affecting the land.

1. Demolition

Under the local environmental plan applying to the land, development consent is required for the demolition of any building on the land except where the demolition complies with the exempt development requirements specified in State Environmental Planning Policy (Exempt and Complying Development Codes) 2008 and the Canada Bay Local Environmental Plan, 2013.

2. Foreshore Building Line

Is the land affected by a foreshore building line?

No

3. Other Heritage considerations

Is the land adjoining or opposite a heritage item under the provisions of the Local Environmental Plan applying to the land?

Yes

Has the property been identified as one that is contributory to the heritage values of a conservation area?

No

Is the land adjoining or opposite a heritage conservation area under the provisions of the Local Environmental Plan applying to the land?

No

Does the land contain an item of environmental heritage identified within the Sydney Regional Environmental Plan (Sydney Harbour Catchment) 2005?

No

4. Aircraft Noise

Is the land affected by aircraft noise?

The property could be affected by aircraft noise. For further details contact Airservices Australia (www.airservices.gov.au), or refer to Council's Public Mapping Service (www.canadabay.nsw.gov.au/eservices/publicmapping-service).

5. Other Advice

The structural adequacy and maintenance of awnings attached to the property and which encroach over Council controlled land are the responsibility of the owner of the land pursuant to Section 142 of the Roads Act 1993 and Council's Safety of Shop Awnings Policy.

The Council commissioned a flood study which applies to this land. Please refer to the Draft Exile Bay Flood Study for more information.

GENERAL INFORMATION

The absence of any reference to a matter affecting the land shall not imply that the land is not affected by that matter not referred to in this certificate.

Information provided under section 10.7(2) is in accordance with the matters prescribed under schedule 4 of the Environmental Planning and Assessment Regulation 2000 and is provided only to the extent that the Council has been notified by the Department of Public Works or Department of Planning.

When advice in accordance with section 10.7(5) is requested the Council is under no obligation to furnish any advice. If advice is provided Council draws your attention to section 10.7(6) and schedule 6 of the *Environmental Planning and Assessment Act 1979* which have the effect that Council shall not incur any liability in respect of advice provided in good faith pursuant to section 10.7(5), including the furnishing of advice in respect of contaminated land.

Any enquiries regarding State and Regional Environmental Planning Policies should be directed to the Department of Planning at [http:// www.planning.nsw.gov.au](http://www.planning.nsw.gov.au)

Please contact Council's Strategic Planning section for further information about this Planning Certificate.



John Clark
General Manager

APPENDIX D

NSW EPA Record of Notices & Environment Protection Licences

Contaminated land - record of notices

Record under section 58 of the Contaminated Land Management Act 1997

This record is maintained by OEH in accordance with Part 5 of the [Contaminated Land Management Act 1997](#) (CLM Act).

The record **does** provide

- ✓ a record of written notices issued by OEH under the CLM Act, including preliminary investigation orders.
- ✓ the names of the sites, owners or occupiers **at the time of OEH action** in relation to the site
- ✓ copies of site audit statements (SAS) provided to OEH under section 52 of the CLM Act and relating to significantly contaminated land.

The record **does not** provide

- ✗ a record of all contaminated land in NSW. [See frequently asked questions](#)
- ✗ a list of [notifications of contamination](#) that OEH receives.
- ✗ the names of the sites, owners or occupiers if it changes **after OEH action** in relation to the site.
- ✗ some [personal information](#).

... [more about the CLM record of notices](#)

From 1 July 2009 there were changes to the terminology of certain OEH actions under the CLM Act. See the [list of these changes](#).

The record includes notices issued under sections 35 and 36 of the Environmentally Hazardous Chemicals Act 1985. These sections have been repealed. These notices are treated by the CLM Act as management orders.

Before using the record of notices see the [Disclaimer and terms of use](#).

As at Monday, 28 March 2022 there are 1920 notices in the record relating to 411 sites.

[Show me the entire record](#) or [Search the record](#)

28 March 2022

131 555 (tel:131555)

Online (<https://yoursay.epa.nsw.gov.au/epa-website-feedback>)

info@epa.nsw.gov.au (<mailto:info@epa.nsw.gov.au>)

EPA Office Locations (<https://www.epa.nsw.gov.au/about-us/contact-us/locations>)

Accessibility (<https://www.epa.nsw.gov.au/about-us/contact-us/website-service-standards/help-index>)

Disclaimer (<https://www.epa.nsw.gov.au/about-us/contact-us/website-service-standards/disclaimer>)

Privacy (<https://www.epa.nsw.gov.au/about-us/contact-us/website-service-standards/privacy>)

Copyright (<https://www.epa.nsw.gov.au/about-us/contact-us/website-service-standards/copyright>)

**For business
and industry** ^

**For local
government** ^

Contact us

in
(<https://au.l>
environmer
protection-
authrity-
epa)
(<https://au.l>
epa)

Find us on

Search results

Your search for: LGA: CITY OF CANADA BAY COUNCIL

Matched 130 notices
relating to 14 sites.

[Search Again](#)

[Refine Search](#)

Suburb	Address	Site Name	Notices related to this site
ABBOTSFORD	83 Wymston PARADE	Former Gasworks	1 current and 1 former
ABBOTSFORD	82, 83, 84 Wymston Pde, & 37, 39, 43, 45 St Albans STREET	Former Gasworks	1 former
ABBOTSFORD	43 St Albans STREET	Former Gasworks	1 former
CABARITA	Cabarita ROAD	Dulux (Orica Australia)	1 former
CABARITA	47 and 48 Phillips STREET	Wellcome Soil Containment Cells Cabarita	1 current and 12 former
CONCORD	Nullawarra AVENUE	Concord RSL Club	2 current
CONCORD	Nullawarra AVENUE	Majors Bay Reserve	1 current and 1 former
MORTLAKE	Tennyson ROAD	Former AGL site	22 former
MORTLAKE	Kendall BAY	Kendall Bay Sediments	5 current and 5 former
RHODES	Walker STREET	Former Allied Feeds site	7 former
RHODES	Walker STREET	Former UCAL site	1 current and 54 former
RHODES	Oulton AVENUE	Homebush Bay sediments adjoining former Berger Paint factory	1 current and 11 former
RHODES	Homebush BAY	Homebush Bay Sediments adjoining the former UCAL and Allied Feeds sites	1 current and 4 former
RHODES	Mary STREET	Rhodes Waterside	2 former

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Suburb	Address	Site Name	Notices related to this site
CONCORD	Nullawarra AVENUE	Concord RSL Club	2 current
CONCORD	Nullawarra AVENUE	Majors Bay Reserve	1 current and 1 former

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Suburb	Address	Site Name	Notices related to this site
CAPTAINS FLAT	1 Copper Creek Road ROAD	Rail corridor adjacent to Lake George Mine	2 current
	1 Copper Creek ROAD, CAPTAINS FLAT		
CARINGBAH	101-103 Cawarra ROAD	Adjacent to Spirent Australia	3 former
CARINGBAH	105 Cawarra ROAD	Spirent Australia	4 former
CASINO	86 Johnston STREET	Casino Roadhouse	2 current
CHARLESTOWN	273 Charlestown ROAD	7-Eleven Charlestown	2 former
CHARLESTOWN	81 Pacific HIGHWAY	Caltex Service Station	3 current and 3 former
CHARLESTOWN	91-93 Pacific HIGHWAY	Caltex Woolworths (Former BP)	5 former
CHATSWOOD	728 Pacific HIGHWAY	Chatswood Toyota	6 former
CHATSWOOD	607 Pacific HIGHWAY	Former Caltex Chatswood Service Station	8 former
CHESTER HILL	127 Orchard ROAD	Former Orica, Chester Hill	4 former
CHIPPENDALE	Wellington STREET	Cnr Regent Street & Wellington Street, Chippendale	2 current and 6 former
CHIPPING NORTON	85-107 Alfred STREET	Former ACR	3 current and 1 former
COFFS HARBOUR	134-136 Pacific HIGHWAY	BP Service Station	6 former
COFFS HARBOUR	Aviation DRIVE	Mobil Coffs Harbour Airport	1 former
COFFS HARBOUR	314-316 Harbour DRIVE	Mobil Service Station	9 former
COLYTON	86-88 Great Western HIGHWAY	Coles Express (former Ampol) Service Station	4 former
CONCORD	Nullawarra AVENUE	Concord RSL Club	2 current
CONCORD	Nullawarra AVENUE	Majors Bay Reserve	1 current and 1 former
CONDOBOLIN	6 Burnett STREET	Former Mobil Depot	5 former
COOMA	48-52 Sharp STREET	Former Shell Service Station	4 former

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Number	Name	Location	Type	Status	Issued date
6228	OWEN FERGUSON HEALTH PTY. LTD.	55 BURWOOD ROAD, CONCORD, NSW 2137	POEO licence	No longer in force	10 Jan 2000
1049890	OWEN FERGUSON HEALTH PTY. LTD.	55 BURWOOD ROAD, CONCORD, NSW 2137	s.58 Licence Variation	Issued	18 Jul 2005
5965	SUMMIT CULLENS PTY LIMITED	CNR PARRAMATTA & CONCORD ROADS, CONCORD, NSW 2137	POEO licence	Surrendered	13 May 2000
1031249	SUMMIT CULLENS PTY LIMITED	CNR PARRAMATTA & CONCORD ROADS, CONCORD, NSW 2137	s.80 Surrender of a Licence	Issued	01 Oct 2003

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Background

A strategy to systematically prioritise, assess and respond to notifications under Section 60 of the *Contaminated Land Management Act 1997* (CLM Act) has been developed by the EPA. This strategy acknowledges the EPA's obligations to make information available to the public under *Government Information (Public Access) Act 2009*.

When a site is notified to the EPA, it may be accompanied by detailed site reports where the owner has been proactive in addressing the contamination and its source. However, often there is minimal information on the nature or extent of the contamination.

After receiving a report, the first step is to confirm that the report does not relate to a pollution incident. The Protection of the Environment Operations Act 1997 (POEO Act) deals with pollution incidents, waste stockpiling or dumping. The EPA also has an incident management process to manage significant incidents (<https://www.epa.nsw.gov.au/reporting-and-incidents/incident-management>).

In many cases, the information indicates the contamination is securely immobilised within the site, such as under a building or carpark, and is not currently causing any significant risks for the community or environment. Such sites may still need to be cleaned up, but this can be done in conjunction with any subsequent building or redevelopment of the land. These sites do not require intervention under the CLM Act, and are dealt with through the planning and development consent process. In these cases, the EPA informs the local council or other planning authority, so that the information can be recorded and considered at the appropriate time (<https://www.epa.nsw.gov.au/your-environment/contaminated-land/managing-contaminated-land/role-of-planning-authorities>).

Where indications are that the contamination could cause actual harm to the environment or an unacceptable offsite impact (i.e. the land is 'significantly contaminated'), the EPA would apply the regulatory provisions of the CLM Act to have the responsible polluter and/or landowner investigate and remediate the site. If the reported contamination could present an immediate or long-term threat to human health NSW Health will be consulted. SafeWork NSW and Water NSW can also be consulted if there appear to be occupational health and safety risks or an impact on groundwater quality.

As such, the sites notified to the EPA and presented in the list of contaminated sites notified to the EPA are at various stages of the assessment and remediation process. Understanding the nature of the underlying contamination, its implications and implementing a remediation program where required, can take a considerable period of time. The list provides an indication, in relation to each nominated site, as to the management status of that particular site. Further detailed information may be available from the EPA or the person who notified the site.

The following questions and answers may assist those interested in this issue.

Frequently asked questions

Why does my land appear on the list of notified sites?

Your land may appear on the list because:

- the site owner and/or the polluter has notified the EPA under section 60 of the CLM Act
- the EPA has been notified via other means and is satisfied that the site is or was contaminated.

If a site is on the list, it does not necessarily mean the contamination is significant enough to regulate under the CLM Act.

Does the list contain all contaminated sites in NSW?

No. The list only contains contaminated sites that EPA is aware of. If a site is not on the list, it does not necessarily mean the site is not contaminated.

The EPA relies on responsible parties and the public to notify contaminated sites.

How are notified contaminated sites managed by the EPA?

There are different ways the EPA can manage notified contaminated sites. Options include:

- regulation under the CLM Act, POEO Act, or both
- notifying the relevant planning authority for management under the planning and development process
- managing the site under the Protection of the Environment Operation (Underground Petroleum Storage Systems) Regulation 2014.

There are specific cases where contamination is managed under a tailored program operated by another agency (for example, the Resources & Geoscience's Legacy Mines Program).

What should I do if I am a potential buyer of a site that appears on the list?

You should seek advice from the seller to understand the contamination issue. You may need to seek independent contamination or legal advice.

The information provided in the list is indicative only and a starting point for your own assessment. Land contamination from past site uses is common, mainly in urban environments. If the site is properly remediated or managed, it may not affect the intended future use of the site.

Who can I contact if I need more information about a site?

You can contact the Environment Line at any time by calling 131 555 or by emailing info@environment.nsw.gov.au.

List of NSW Contaminated Sites Notified to the EPA

Disclaimer

The EPA has taken all reasonable care to ensure that the information in the list of contaminated sites notified to the EPA (the list) is complete and correct. The EPA does not, however, warrant or represent that the list is free from errors or omissions or that it is exhaustive.

The EPA may, without notice, change any or all of the information in the list at any time.

You should obtain independent advice before you make any decision based on the information in the list.

The list is made available on the understanding that the EPA, its servants and agents, to the extent permitted by law, accept no responsibility for any damage, cost, loss or expense incurred by you as a result of:

1. any information in the list; or
2. any error, omission or misrepresentation in the list; or
3. any malfunction or failure to function of the list;
4. without limiting (2) or (3) above, any delay, failure or error in recording, displaying or updating information.

Site Status	Explanation
Under assessment	The contamination is being assessed by the EPA to determine whether regulation is required. The EPA may require further information to complete the assessment. For example, the completion of management actions regulated under the planning process or <i>Protection of the Environment Operations Act 1997</i> .
Under Preliminary Investigation Order	The EPA has issued a Preliminary Investigation Order under s10 of the <i>Contaminated Land Management Act 1997</i> , to obtain additional information needed to complete the assessment.
Regulation under CLM Act not required	The EPA has completed an assessment of the contamination and decided that regulation under the <i>Contaminated Land Management Act 1997</i> is not required.

Regulation being finalised	The EPA has completed an assessment of the contamination and decided that the contamination is significant enough to warrant regulation under the <i>Contaminated Land Management Act 1997</i> . A regulatory approach is being finalised.
Contamination currently regulated under CLM Act	The EPA has completed an assessment of the contamination and decided that the contamination is significant enough to warrant regulation under the Contaminated Land Management Act 1997 (CLM Act). Management of the contamination is regulated by the EPA under the CLM Act. Regulatory notices are available on the EPA's Contaminated Land Public Record.
Contamination currently regulated under POEO Act	Contamination is currently regulated under the Protection of the Environment Operations Act 1997 (POEO Act). The EPA as the appropriate regulatory authority reasonably suspects that a pollution incident is occurring/ has occurred and that it requires regulation under the POEO Act. The EPA may use environment protection notices, such as clean up notices, to require clean up action to be taken. Such regulatory notices are available on the POEO public register.
Contamination being managed via the planning process (EP&A Act)	The EPA has completed an assessment of the contamination and decided that the contamination is significant enough to warrant regulation. The contamination of this site is managed by the consent authority under the <i>Environmental Planning and Assessment Act 1979</i> (EP&A Act) planning approval process, with EPA involvement as necessary to ensure significant contamination is adequately addressed. The consent authority is typically a local council or the Department of Planning and Environment.
Contamination formerly regulated under the CLM Act	The EPA has determined that the contamination is no longer significant enough to warrant regulation under the <i>Contaminated Land Management Act 1997</i> (CLM Act). The contamination was addressed under the CLM Act.
Contamination formerly regulated under the POEO Act	The EPA has determined that the contamination is no longer significant enough to warrant regulation. The contamination was addressed under the <i>Protection of the Environment Operations Act 1997</i> (POEO Act).

Contamination was addressed via the planning process (EP&A Act)	The EPA has determined that the contamination is no longer significant enough to warrant regulation. The contamination was addressed by the appropriate consent authority via the planning process under the <i>Environmental Planning and Assessment Act 1979</i> (EP&A Act).
Ongoing maintenance required to manage residual contamination (CLM Act)	The EPA has determined that ongoing maintenance, under the Contaminated Land Management Act 1997 (CLM Act), is required to manage the residual contamination. Regulatory notices under the CLM Act are available on the EPA's Contaminated Land Public Record.

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
ABBOTSFORD	Former Gasworks	83 Wymston PARADE	Gasworks	Contamination formerly regulated under the CLM Act	-33.85288351	151.1265979
ABBOTSFORD	Former Gasworks	82, 83, 84 Wymston Pde, & 37, 39, 43, 45 St Albans STREET	Gasworks	Contamination formerly regulated under the CLM Act	-33.85288316	151.1267729
ABBOTSFORD	Former Gasworks	85 Wymston PARADE	Gasworks	Regulation under CLM Act not required	-33.85265214	151.1266277
ABBOTSFORD	Former Gasworks	80-81 Wymston Pde and 35 and 41 St Albans STREET	Gasworks	Regulation under CLM Act not required	-33.85306653	151.1268142
ABBOTSFORD	Former Gasworks	43 St Albans STREET	Gasworks	Contamination formerly regulated under the CLM Act	-33.85270604	151.126976
ABERDEEN	Former Transport Depot	87-89 St Andrew STREET	Other Industry	Regulation under CLM Act not required	-32.17160931	150.8972859
ALBION PARK	Caltex Albion Park Service Station	1 Calderwood ROAD	Service Station	Regulation under CLM Act not required	-34.57131362	150.7647971
ALBION PARK RAIL	Caltex Service Station	174 Princes HIGHWAY	Service Station	Regulation under CLM Act not required	-34.56134097	150.7953663
ALBION PARK RAIL	Caltex Service Station	31 Princes HIGHWAY	Service Station	Regulation under CLM Act not required	-34.55162786	150.7880626
ALBION PARK RAIL	Former Timber Storage Area	36 Rivulet CRESCENT	Other Industry	Regulation under CLM Act not required	-34.54872597	150.7899351
ALBURY	Mobil Depot, Railway Place Albury	1 Railway PLACE	Other Petroleum	Regulation under CLM Act not required	-36.08526805	146.9236999
ALBURY	Woolworths Petrol	515 Young STREET	Service Station	Regulation under CLM Act not required	-36.08073723	146.92351
ALBURY	Former Caltex Service Station	842 David STREET	Service Station	Regulation under CLM Act not required	-36.06398743	146.9252143
ALBURY	SRA Land, 514 to 526 Young Street	514 to 526 Young STREET	Other Petroleum	Regulation under CLM Act not required	-36.08084123	146.9241682
ALBURY	Former Gasworks and surrounding commercial land	441 Kiewa STREET	Gasworks	Contamination currently regulated under CLM Act	-36.08416926	146.9137704

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
ALBURY	Coles Express Albury	465 Guinea STREET	Service Station	Regulation under CLM Act not required	-36.07513665	146.9213077
ALBURY	Former Thales Australia site, Albury	161 Fallon STREET	Other Industry	Contamination formerly regulated under the CLM Act	-36.064966	146.9434831
ALBURY	Xpress Service Station	616-624 Young STREET	Service Station	Contamination formerly regulated under the CLM Act	-36.0755401	146.9255668
ALBURY	Albury Plaza	Cnr Smollett Street and Townsend STREET	Other Industry	Regulation under CLM Act not required	-36.08112933	146.9135719
ALBURY	Mobil Albury Aviation Fuel Depot	Hangar 8 (Albury Airport), Ogden PLACE	Other Petroleum	Regulation under CLM Act not required	-36.07178139	146.9530165
ALBURY	SRA Land	448 and 452 Young STREET	Unclassified	Regulation under CLM Act not required	-36.08438605	146.9235454
ALBURY	Caltex Service Station	Dean Street, Corner Creek STREET	Service Station	Regulation under CLM Act not required	-36.07978937	146.9110825
ALEXANDRIA	Former Mobil Service Station	20 O'Riordan STREET	Service Station	Regulation under CLM Act not required	-33.9075539	151.2014811
ALEXANDRIA	Caltex Alexandria Service Station	133 Wyndham St, cnr McEvoy STREET	Service Station	Regulation under CLM Act not required	-33.90220927	151.2000425
ALEXANDRIA	Former Cadbury Schweppes	49-59 O'Riordan STREET	Other Industry	Contamination formerly regulated under the CLM Act	-33.91406619	151.195067
ALEXANDRIA	Formerly Gas N Go Alexandria (fully redeveloped into residential apartment as of September 2016)	10-20 Botany ROAD	Service Station	Regulation under CLM Act not required	-33.89536227	151.1987818
ALEXANDRIA	Mascot Developments	494-504 Gardeners ROAD	Other Industry	Regulation under CLM Act not required	-33.9198218	151.191282
ALEXANDRIA	Alexandria GoGas	562 Botany ROAD	Service Station	Regulation under CLM Act not required	-33.91577222	151.2000753
ALEXANDRIA	Australian Refined Alloys	202-212 Euston ROAD	Metal Industry	Regulation under CLM Act not required	-33.91505136	151.185872
ALEXANDRIA	Alexandria Canal Sediments	Off Huntley STREET	Other Industry	Contamination currently regulated under CLM Act	-33.92204213	151.1770009

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
ALEXANDRIA	Australia Post	10-24 Ralph STREET	Other Industry	Contamination was addressed via the planning process (EP&A Act)	-33.91583041	151.197997
ALEXANDRIA	Perry Park	1B Maddox STREET	Landfill	Regulation under CLM Act not required	-33.90809949	151.1962945
ALEXANDRIA	Alexandria Gardens	146-156 Wyndham Street & 146-156 Botany ROAD	Unclassified	Regulation under CLM Act not required	-33.89956961	151.1997377
ALEXANDRIA	Sydney Park	Sydney Park ROAD	Landfill	Contamination currently regulated under CLM Act	-33.91031048	151.1844672
ALEXANDRIA	Former Industrial Site (now Value Suites)	16 O'Riordan STREET	Other Industry	Regulation under CLM Act not required	-33.9069796	151.201902
ALEXANDRIA	205-225 Euston Road, Alexandria	205-225 Euston ROAD	Other Industry	Regulation under CLM Act not required	-33.912233	151.185932
ALEXANDRIA	The Gentry Alexandria	31-41 William STREET	Unclassified	Regulation under CLM Act not required	-33.91258565	151.1981861
ALEXANDRIA	6 - 8 Huntley Street, Alexandria NSW 2004	6 - 8 Huntley STREET	Metal Industry	Under assessment	-33.909918	151.19268
ALEXANDRIA	566 Gardeners Road, Alexandria NSW	566 Gardeners ROAD	Unclassified	Under assessment	-33.919062	151.184108
ALSTONVILLE	Caltex Service Station Alstonville	73 Main STREET	Service Station	Regulation under CLM Act not required	-28.84115994	153.4388699
AMBARVALE	Caltex Service Station	37 Woodhouse DRIVE	Service Station	Regulation under CLM Act not required	-34.08438034	150.8019168
ANNANDALE	7-Eleven (former Mobil) Annandale Service Station	198 Parramatta ROAD	Service Station	Regulation under CLM Act not required	-33.88706434	151.1741135
ANNANDALE	Shell Coles Express Service Station	124-126 Johnston STREET	Service Station	Regulation under CLM Act not required	-33.88085651	151.1704805
APPIN	Elladale Creek Aqueduct Upper Canal	Macquariedale ROAD	Unclassified	Regulation under CLM Act not required	-34.18867067	150.7539597
APPIN	West Cliff Colliery	Wedderburn ROAD	Other Petroleum	Regulation under CLM Act not required	-34.21970612	150.8217522

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
ARDLETHAN	Landmark Fertiliser Storage Facility	18 & 24-26 Arah STREET	Chemical Industry	Regulation under CLM Act not required	-34.35696645	146.9007084
ARGENTON	NSW Mines Rescue Services - Argenton	533 Lake ROAD	Other Industry	Regulation under CLM Act not required	-32.93807208	151.6269664
ARMIDALE	Former Mobil Depot	132 Niagara STREET	Other Petroleum	Contamination formerly regulated under the CLM Act	-30.51115918	151.6490343
ARMIDALE	Caltex Service Station	146 Miller STREET	Service Station	Regulation under CLM Act not required	-30.51362759	151.6481123
ARMIDALE	RTA land adjoining Martin Street estate	Martin STREET	Other Industry	Contamination formerly regulated under the CLM Act	-30.50445941	151.6415415
ARMIDALE	Shell Service Station	93 Marsh STREET	Service Station	Regulation under CLM Act not required	-30.51299824	151.6697557
ARMIDALE	Parklands near the former gasworks	Beardy Street and Allingham STREET	Gasworks	Regulation under CLM Act not required	-30.51013465	151.6652722
ARMIDALE	Gasworks and portion of Harris Park	Corner of Beardy Street and Allingham STREET	Gasworks	Contamination currently regulated under CLM Act	-30.51157374	151.6623009
ARMIDALE	Former Lot 3 Martin Street	89 Martin STREET	Other Industry	Regulation under CLM Act not required	-30.50664682	151.64542
ARMIDALE	Martin Street Estate	Martin STREET	Other Industry	Regulation under CLM Act not required	-30.50559024	151.6431854
ARMIDALE	Caltex Armidale Girraween Service Station	6-8 Queen Elizabeth DRIVE	Service Station	Regulation under CLM Act not required	-30.50348872	151.6510748
ARMIDALE	Martin Street, Crown Land	Martin STREET	Other Industry	Contamination formerly regulated under the CLM Act	-30.50414076	151.6429516
ARMIDALE	Former Shell Depot	134 Niagara STREET	Other Petroleum	Regulation under CLM Act not required	-30.51180178	151.6488634
ARMIDALE	Caltex Service Station	144 Marsh STREET	Service Station	Regulation under CLM Act not required	-30.51709925	151.6675802
ARMIDALE	Caltex North Hill Service Station	2-4 Marsh STREET	Service Station	Regulation under CLM Act not required	-30.50320439	151.6727051

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
ARMIDALE	Mobil Armidale Service Station and Former Depot	10-12 McLennan STREET	Service Station	Regulation under CLM Act not required	-30.51107573	151.648242
ARMIDALE	Caltex Service Station	19/10541 New England HIGHWAY	Service Station	Regulation under CLM Act not required	-30.53210764	151.6160492
ARMIDALE	Armidale Dumaresq Council Grafton Road Depot	15-25 Grafton ROAD	Other Petroleum	Regulation under CLM Act not required	-30.52058076	151.6815261
ARNCLIFFE	7-Eleven Arncliffe	28 Princes HIGHWAY	Service Station	Under assessment	-33.93428397	151.1525438
ARNCLIFFE	Combined Projects Arncliffe	104-128 Princes HIGHWAY	Other Industry	Regulation under CLM Act not required	-33.93783874	151.1494559
ARTARMON	7-Eleven (former Mobil) Artarmon Service Station	477 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-33.81053826	151.1774248
ASHBY	Ashby Dry Dock	via Clarence STREET	Other Industry	Contamination formerly regulated under the CLM Act	-29.44158377	153.1972304
ASHFIELD	7-Eleven Ashfield	132 Liverpool Road STREET	Service Station	Contamination currently regulated under CLM Act	-33.8902785	151.1297902
ASHFIELD	Vehicle Workshop	445-449 Liverpool ROAD	Service Station	Regulation under CLM Act not required	-33.88826829	151.1167477
ASQUITH	BP Service Station	462 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-33.68982678	151.106156
ATTUNGA	Attunga Limestone Mine (Waste Oil Site)	Garthowen ROAD	Other Industry	Regulation under CLM Act not required	-30.92920627	150.8579435
AUBURN	DIC Australia	323 Chisholm ROAD	Other Industry	Regulation under CLM Act not required	-33.87228962	151.0157032
AUBURN	Former Ajax Chemical Factory	9 Short STREET	Other Industry	Contamination formerly regulated under the CLM Act	-33.83671601	151.0292071
AUBURN	Janyon	Manchester ROAD	Other Industry	Regulation under CLM Act not required	-33.84467826	151.020745
AUBURN	Maintrain Facility - Sydney Trains Auburn	Manchester ROAD	Other Industry	Regulation under CLM Act not required	-33.84410947	151.0242502

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
AUBURN	Department of Corrective Services land adjacent to the former Auburn Landfill	Jamieson STREET	Landfill	Contamination formerly regulated under the CLM Act	-33.82928257	151.0590653
AUBURN	Commercial Premises	11-13 Percy STREET	Other Industry	Under assessment	-33.849995	151.040652
AWABA	Awaba Colliery	Wilton ROAD	Other Industry	Regulation under CLM Act not required	-33.02098186	151.5383612
BALGOWLAH	BP Service Station	Cnr Sydney Road and Maretimo STREET	Service Station	Regulation under CLM Act not required	-33.79546175	151.2559309
BALGOWLAH	Part of Manly Council Maintenance Depot	8-10 Roseberry STREET	Other Petroleum	Regulation under CLM Act not required	-33.78928907	151.2679557
BALGOWNIE	Fuel Power Plus	99 Balgownie ROAD	Service Station	Contamination currently regulated under POEO Act	-34.38925632	150.8808544
BALLINA	Former Mobil Service Station	37-41 Cherry STREET	Service Station	Regulation under CLM Act not required	-28.86952673	153.5624436
BALLINA	Ballina Shell	273 River STREET	Service Station	Regulation under CLM Act not required	-28.86809272	153.5552789
BALLINA	Woolworths Petrol	Kerr STREET	Service Station	Regulation under CLM Act not required	-28.85824461	153.5605439
BALLINA	Ballina Mays Motors	River STREET	Other Petroleum	Regulation under CLM Act not required	-28.86935402	153.5585931
BALRANALD	Caltex Service Station	Sturt HIGHWAY	Service Station	Regulation under CLM Act not required	-34.66747746	143.5662034
BANKSIA	Woolworths Petrol Service Station Banksia	314 Princes HIGHWAY	Service Station	Regulation under CLM Act not required	-33.94567308	151.1416884
BANKSIA	Cooks Cove Development	Cooks Cove PARK	Landfill	Regulation under CLM Act not required	-33.94492759	151.1549947
BANKSMEADOW	Orica Botany Groundwater Project	16-20 Beauchamp ROAD	Chemical Industry	Contamination currently regulated under CLM Act	-33.95526361	151.2152005
BANKSMEADOW	Discovery Cove, Former Ampol Rail Terminal	1801 Botany ROAD	Other Petroleum	Regulation being finalised	-33.96162178	151.2184122

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
BANKSMEADOW	Caltex Terminal	1-3 Penrhyn ROAD	Other Petroleum	Contamination currently regulated under POEO Act	-33.96335328	151.2171062
BANKSMEADOW	Orica Botany (Pre-2003 Regulation)	Denison STREET	Chemical Industry	Contamination currently regulated under CLM Act	-33.9516159	151.2195804
BANKSMEADOW	Veolia Waste Transfer Terminal (former Keith Engineering site)	34-36 McPherson STREET	Other Industry	Regulation under CLM Act not required	-33.95811039	151.2195225
BANKSMEADOW	Orica Former Chlor Alkali Plant (same site as Orica Botany Groundwater Project)	Botany Industrial Park, off Denison STREET	Chemical Industry	Contamination currently regulated under CLM Act	-33.95664283	151.221685
BANKSMEADOW	Former Pipeline	Corish CIRCLE	Other Petroleum	Regulation being finalised	-33.94705787	151.2209919
BANKSMEADOW	Pacific National Rail Siding	1 Beauchamp ROAD	Chemical Industry	Contamination currently regulated under CLM Act	-33.95757712	151.2204974
BANKSMEADOW	Former Mobil Banksmeadow Terminal	Coal Pier ROAD	Other Petroleum	Regulation under CLM Act not required	-33.95405624	151.2142048
BANKSMEADOW	Orica Car Park Waste Encapsulation	Corish CIRCLE	Landfill	Contamination formerly regulated under the POEO Act	-33.94703665	151.22083
BANKSTOWN	7-Eleven Service Station	689 Henry Lawson DRIVE	Service Station	Regulation under CLM Act not required	-33.92749953	150.9804784
BANORA POINT	Caltex Service Station	Corner Leisure Drive and Darlington DRIVE	Service Station	Regulation under CLM Act not required	-28.21390712	153.5417434
BARGO	Tahmoor Colliery	Remembrance DRIVE	Other Industry	Regulation under CLM Act not required	-34.25090795	150.5793631
BARMEDMAN	Caltex - Barmedman	Corner Watson Street and Star STREET	Other Petroleum	Regulation under CLM Act not required	-34.14351302	147.3824934
BARRACK HEIGHTS	Caltex Service Station	332-336 Shellharbour ROAD	Service Station	Regulation under CLM Act not required	-34.56489171	150.8597814
BASS HILL	Woolworths Caltex Bass Hill	862 Hume HIGHWAY	Service Station	Regulation under CLM Act not required	-33.9008648	150.9991181
BATEAU BAY	Former landfill	The Entrance ROAD	Landfill	Contamination currently regulated under CLM Act	-33.3938305	151.4699046

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
BATEAU BAY	Woolworths Service Station Bateau Bay	9 Bay Village ROAD	Service Station	Regulation under CLM Act not required	-33.37316432	151.4737125
BATEHAVEN	Caltex Service Station	264 Beach ROAD	Service Station	Regulation under CLM Act not required	-35.73255166	150.1997536
BATEHAVEN	Coles Express Service Station Batehaven	198 Beach ROAD	Service Station	Regulation under CLM Act not required	-35.72671807	150.1944931
BATEMANS BAY	Caltex Service Station	87-89 Princes HIGHWAY	Service Station	Regulation under CLM Act not required	-35.71940701	150.1762788
BATHURST	Shell Coles Express Service Station	(Cnr Stewart and Rocket Street) 298 Stewart STREET	Service Station	Regulation under CLM Act not required	-33.41910999	149.5677773
BATHURST	Former Shell Depot Bathurst	56 Bant STREET	Other Petroleum	Regulation under CLM Act not required	-33.43471575	149.5774595
BATHURST	Bathurst Rail Fabrication Centre	34 Alpha STREET	Other Industry	Regulation under CLM Act not required	-33.42805153	149.5829156
BATHURST	Bathurst - Former Caltex Depot	114 Howick STREET	Other Petroleum	Regulation under CLM Act not required	-33.42296963	149.5862574
BATHURST	Caltex Bathurst Service Station	53 Durham STREET	Service Station	Regulation under CLM Act not required	-33.41689545	149.5848527
BATHURST	Former Police Station	Corner of William Street and Durham STREET	Other Petroleum	Contamination formerly regulated under the CLM Act	-33.41592424	149.5842233
BATHURST	Former Mobil Depot	1 Lambert STREET	Other Petroleum	Regulation under CLM Act not required	-33.42875534	149.5806344
BATHURST	Crago Mill site	Piper STREET	Other Industry	Regulation under CLM Act not required	-33.42777602	149.5809428
BATHURST	Former Mobil Depot	Lower Russell STREET	Other Petroleum	Regulation under CLM Act not required	-33.42497876	149.585128
BATHURST	Shell Coles Express Bathurst Service Station	59 Durham STREET	Service Station	Regulation under CLM Act not required	-33.41639415	149.5843243
BATHURST	Former Gasworks	71 Russell STREET	Gasworks	Contamination formerly regulated under the CLM Act	-33.42420302	149.5864517

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
BATHURST	Former Devro Cattle Hide Processing Plant	46 Vale ROAD	Other Industry	Regulation under CLM Act not required	-33.43926137	149.5803563
BATLOW	Crown Reserves	Mill ROAD	Other Industry	Regulation under CLM Act not required	-35.535161	148.155354
BAULKHAM HILLS	Caltex Baulkham Hills Service Station	117 Seven Hills ROAD	Service Station	Regulation under CLM Act not required	-33.76139872	150.9750767
BAULKHAM HILLS	Caltex Service Station	130 Seven Hills ROAD	Service Station	Regulation under CLM Act not required	-33.76180431	150.9746297
BAULKHAM HILLS	Shell Coles Express Service Station	363 Windsor ROAD	Service Station	Regulation under CLM Act not required	-33.7601819	150.9916224
BAULKHAM HILLS	IBM Baulkham Hills Data Centre	3 Brookhollow AVENUE	Other Petroleum	Regulation under CLM Act not required	-33.732493	150.968029
BEACON HILL	Caltex Service Station	176 Warringah ROAD	Service Station	Contamination currently regulated under CLM Act	-33.75381485	151.2602617
BEACON HILL	Former 7-Eleven Service Station, Beacon Hill	312 Warringah ROAD	Service Station	Regulation under CLM Act not required	-33.75129647	151.2469656
BEACONSFIELD	63-85 Victoria St, Beaconsfield	63-85 Victoria STREET	Other Industry	Regulation under CLM Act not required	-33.9102929	151.2016275
BEGA	Coles Express (former Caltex) Service Station	2-6 Swan (Corner Carp) STREET	Service Station	Regulation under CLM Act not required	-36.67388263	149.838163
BEGA	Former BP Service Station	100 - 102 Gipps STREET	Service Station	Regulation under CLM Act not required	-36.67563094	149.8433291
BEGA	Former Bega Gasworks	19-29 Upper STREET	Gasworks	Under preliminary investigation order	-36.67710613	149.8480253
BEGA	Caltex Service Station	36-40 Lagoon STREET	Service Station	Regulation under CLM Act not required	-36.66832965	149.8289048
BEGA	Lands Adjoining the Former Bega Gasworks	Part of Upper, East, Gordon & Gloucester STREET	Gasworks	Under preliminary investigation order	-36.67704706	149.848425
BEGA	Spenco Site - owned by Bega Spotlight Property 2 Pty Ltd	53-65 Bega Street STREET	Other Industry	Regulation under CLM Act not required	-36.67135539	149.8450828

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
BELMONT	Coles Express Belmont Service Station	502 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-33.03317155	151.6605194
BELMONT	Former Ampol Service Station	467-469 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-33.0299728	151.6613301
BELMONT NORTH	Woolworths Service Station Belmont North	399 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-33.02454211	151.6634893
BELMONT NORTH	Caltex Belmont North Service Station	406 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-33.02476876	151.6623655
BELMONT NORTH	Belmont Bus Depot	2 Floraville ROAD	Other Petroleum	Regulation under CLM Act not required	-33.02476269	151.6606657
BELMORE	SRA Land	348 Burwood ROAD	Unclassified	Regulation under CLM Act not required	-33.91753611	151.0859487
BELMORE	7-Eleven Service Station	792-794 Canterbury ROAD	Service Station	Regulation under CLM Act not required	-33.92567992	151.0873469
BELROSE	Glenrose Shopping Centre	56-58 Glen STREET	Unclassified	Contamination currently regulated under CLM Act	-33.73917996	151.2101029
BELROSE	Woolworths Petrol	60 Glen STREET	Service Station	Regulation under CLM Act not required	-33.74009002	151.2091045
BELROSE	Caltex Service Station	157 Forest WAY	Service Station	Regulation under CLM Act not required	-33.7347675	151.2212004
BENNETTS GREEN	Former Windale Wastewater Treatment Works	8 Templar PLACE	Other Industry	Regulation under CLM Act not required	-33.00317523	151.6936636
BERESFIELD	BP Beresfield Truckstop	2 Kinta Drive, corner John Renshaw DRIVE	Service Station	Regulation under CLM Act not required	-32.81122768	151.6393427
BERESFIELD	Former Koppers Timber Treatment Site	53 Weakleys DRIVE	Other Industry	Regulation under CLM Act not required	-32.79902937	151.6358846
BERKELEY VALE	Former Berkeley Vale Service Station	121-123 Lakedge AVENUE	Service Station	Regulation under CLM Act not required	-33.34899186	151.4423109
BERKSHIRE PARK	Shell Coles Express Berkshire Park	746 - 752 Richmond ROAD	Service Station	Regulation under CLM Act not required	-33.66508654	150.7990243

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
BEROWRA	Caltex Berowra Service Station	12-14 Berowra Waters ROAD	Service Station	Regulation under CLM Act not required	-33.6233827	151.1505554
BEROWRA	7-Eleven Berowra Service Station	965-969 Pacific (Cnr Waratah Rd) HIGHWAY	Service Station	Regulation under CLM Act not required	-33.62673163	151.1479171
BEROWRA	Shell Coles Express Berowra	955 Pacific (Cnr Yallambee Rd) HIGHWAY	Service Station	Regulation under CLM Act not required	-33.62818015	151.1475736
BEROWRA	42 Berowra Waters Road	42 Berowra Waters ROAD	Unclassified	Regulation under CLM Act not required	-33.6203823	151.1481246
BERRIGAN	Caltex Service Station Berrigan	155-165 Chanter STREET	Service Station	Regulation under CLM Act not required	-35.6557616	145.8015557
BERRY	Berry Service Centre - Shell Branded	88 Queen STREET	Service Station	Regulation under CLM Act not required	-34.77571634	150.6961713
BERRY	BP branded service station Berry (Formerly Shell)	75 Queen STREET	Service Station	Contamination currently regulated under POEO Act	-34.77500516	150.695167
BEXLEY	7-Eleven Bexley	474 Forest ROAD	Service Station	Regulation under CLM Act not required	-33.95160096	151.1252355
BEXLEY	7-Eleven (former Mobil) Service Station Bexley	613 Forest ROAD	Service Station	Regulation under CLM Act not required	-33.95539246	151.118447
BILAMBIL HEIGHTS	Former Banana Plantation Land	38 McAllisters ROAD	Other Industry	Regulation under CLM Act not required	-28.21218056	153.4778762
BILLINUDGEL	CSR Readymix	Mogo PLACE	Other Industry	Regulation under CLM Act not required	-28.50210255	153.5278161
BILLINUDGEL	Billinudgel General Store	2A Wilfred STREET	Service Station	Under assessment	-28.50210255	153.5278161
BLACKMANS FLAT	Mount Piper Extension Development Site	2847 Boulder ROAD	Other Industry	Regulation under CLM Act not required	-33.35619968	150.0279881
BLACKMANS FLAT	Western Coal Services (former Lamberts Gully Mine)	Castlereagh HIGHWAY	Other Industry	Regulation under CLM Act not required	-33.36713827	150.0483236
BLACKTOWN	Former Caltex Service Station	131 Richmond ROAD	Service Station	Regulation under CLM Act not required	-33.75866104	150.8962614

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
BLACKTOWN	Valspar Blacktown	4 Steel STREET	Chemical Industry	Regulation under CLM Act not required	-33.75425018	150.9127714
BLACKTOWN	Harpers Bush (Reserve 752)	Reservoir ROAD	Unclassified	Regulation under CLM Act not required	-33.79119448	150.8967838
BLACKTOWN	7-Eleven Service Station	60 Walters ROAD	Service Station	Regulation under CLM Act not required	-33.77599783	150.8948926
BLAKEHURST	Woolworths Service Station Blakehurst	390 Princes HIGHWAY	Service Station	Contamination currently regulated under CLM Act	-33.99019694	151.1135663
BLAKEHURST	The Bay Nursing Home	392 & 394 Princes HIGHWAY	Service Station	Regulation under CLM Act not required	-33.99030465	151.1140293
BLAXLAND	7-Eleven (former Mobil) Service Station	137 Great Western HIGHWAY	Service Station	Regulation under CLM Act not required	-33.74627	150.6137669
BOAMBEE	Lindsay Bros transport depot site	542 Pacific HIGHWAY	Other Petroleum	Regulation under CLM Act not required	-30.33106848	153.0802985
BOAMBEE	BP-branded (former Mobil) Boambee Service Station	601 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-30.33544287	153.0817266
BOBS FARM	Bob's Farm	15 Fenningham Island ROAD	Other Industry	Regulation under CLM Act not required	-32.74867207	152.0316217
BOGGABILLA	Former Caltex Service Station	90 Simpson Street, corner Newell HIGHWAY	Service Station	Regulation under CLM Act not required	-28.60654029	150.3571056
BOGGABILLA	Lowes (Former Mobil) Depot	Newell HIGHWAY	Other Petroleum	Regulation under CLM Act not required	-28.61023985	150.3529156
BOMADERRY	Caltex Service Station	341 Princes HIGHWAY	Service Station	Regulation under CLM Act not required	-34.84561952	150.5946978
BOMADERRY	Caltex Service Station Bomaderry	246 Princes HIGHWAY	Service Station	Regulation under CLM Act not required	-34.83833824	150.5958799
BOMADERRY	Former Mobil Emoleum Depot	7 Victa WAY	Other Petroleum	Regulation under CLM Act not required	-34.84454618	150.6139462
BOMADERRY	Former Shell Depot	44 Railway STREET	Other Petroleum	Regulation under CLM Act not required	-34.85193621	150.6117038

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
BOMADERRY	SRA Land	Lot 2 Meroo STREET	Unclassified	Regulation under CLM Act not required	-34.85314813	150.6099573
BOMADERRY	Bomaderry Works Depot	10 McIntyre WAY	Other Petroleum	Regulation under CLM Act not required	-34.84576748	150.6131411
BOMADERRY	Commercial Land	320 Princes HIGHWAY	Other Industry	Contamination currently regulated under CLM Act	-34.84424073	150.5958149
BOMBALA	Caltex Service Station Bombala	159-161 Maybe STREET	Service Station	Regulation under CLM Act not required	-36.91234945	149.2374622
BOMBALA	Former Bright Street Timber Mill	Bright STREET	Other Industry	Regulation under CLM Act not required	-36.91547645	149.2302454
BOMBALA	Caltex Bombala Service Station	High Street corner Stephen STREET	Service Station	Regulation under CLM Act not required	-36.90447935	149.241292
BOMBALA	Prime Pine site	Sandy LANE	Other Industry	Regulation under CLM Act not required	-36.9315425	149.2110959
BOMEN	Caltex Terminal	34 Lewington STREET	Other Petroleum	Regulation under CLM Act not required	-35.0700202	147.4121955
BOMEN	Enirgi Power Storage Recycling	509 Byrnes ROAD	Other Industry	Under assessment	-35.058638	147.428731
BONDI	BP-branded Service Station	185 Bondi ROAD	Service Station	Regulation under CLM Act not required	-33.89432208	151.2647671
BONDI	Caltex Service Station Bondi	51 Bondi ROAD	Service Station	Regulation under CLM Act not required	-33.8936307	151.260001
BONDI JUNCTION	Waverley Bus Depot	1-15 Oxford STREET	Other Industry	Regulation under CLM Act not required	-33.89165341	151.2421246
BONNY HILLS	Bonny View Store	923 Ocean DRIVE	Service Station	Regulation under CLM Act not required	-31.59075636	152.8392935
BONNYRIGG	Metro (Formerly United & AP SAVER) Service Station Bonnyrigg	709 Cabramatta (W) ROAD	Service Station	Regulation under CLM Act not required	-33.89297085	150.8925935
BONNYRIGG HEIGHTS	BP-Branded Service Station Bonnyrigg	451 North Liverpool ROAD	Service Station	Regulation under CLM Act not required	-33.89416327	150.8578378

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
BOOLAROO	Cardiff West Estate - Pasminco Cockle Creek	Adjacent to PCC Smelter at 13A Main ROAD	Metal Industry	Regulation under CLM Act not required	-32.93950137	151.6349183
BOOLAROO	Cockle Creek and Cockle Bay Sediments	Off Creek Reserve ROAD	Metal Industry	Contamination currently regulated under CLM Act	-32.96079541	151.6141327
BOOLAROO	Pasminco Cockle Creek Smelter	Lake ROAD	Metal Industry	Ongoing maintenance required to manage residual contamination (CLM Act)	-32.94434593	151.6307345
BOOLAROO	Incitec Pivot	13 Main STREET	Other Industry	Contamination formerly regulated under the CLM Act	-32.94803538	151.6302187
BOOLAROO	Bunnings Site - Pasminco Cockle Creek	13a Main ROAD	Metal Industry	Contamination formerly regulated under the CLM Act	-32.94364503	151.6252316
BOOLAROO	Part Lot 2 DP1127713 (proposed Lot G) - Pasminco Cockle Creek Smelter site	13a Main ROAD	Metal Industry	Contamination formerly regulated under the CLM Act	-32.94404392	151.6267695
BOOLAROO	Lot 600 DP1228699 (formerly Part Lot 2 DP1127713 & proposed 'Lot D') - Pasminco Cockle Creek Smelter site	Main ROAD	Metal Industry	Contamination formerly regulated under the CLM Act	-32.94440875	151.6264143
BOOROWA	Former Mobil Depot	14-16 Brial STREET	Other Petroleum	Regulation under CLM Act not required	-34.43673234	148.7300821
BOOROWA	Mobil Service Station	63-69 Marsden STREET	Service Station	Contamination formerly regulated under the CLM Act	-34.44157331	148.7162391
BOOROWA	Boorowa Service Station	84 Marsden STREET	Service Station	Under assessment	-34.443029	148.715109
BOTANY	Former Aerosols of Australia	1617 Botany ROAD	Chemical Industry	Regulation under CLM Act not required	-33.9529386	151.2037468
BOTANY	Allnex	49-61 Stephen ROAD	Chemical Industry	Contamination currently regulated under CLM Act	-33.9524442	151.2106446
BOTANY	Former Tannery	2 Daniel STREET	Other Industry	Regulation under CLM Act not required	-33.94126194	151.1991087
BOTANY	Botany, Underwood	14a Underwood AVENUE	Unclassified	Contamination being managed via the planning process (EP&A Act)	-33.94508532	151.1947626
BOTANY	Roads and Maritime Service	5 - 9 Lord STREET	Other Industry	Regulation under CLM Act not required	-33.94100279	151.1968763

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
BOTANY	Former Industrial Site	28 Folkestone PARADE	Unclassified	Contamination being managed via the planning process (EP&A Act)	-33.95187539	151.1960537
BOURKE	Caltex Service Station	82-86 Anson STREET	Service Station	Regulation under CLM Act not required	-30.09500388	145.9414388
BOURKE	Former Shell Bourke Depot	94-106 Anson STREET	Service Station	Regulation under CLM Act not required	-30.09548497	145.9436745
BOWENFELS	Bowenfels Field Support Centre	9-13 Coerwull ROAD	Other Petroleum	Regulation under CLM Act not required	-33.47514572	150.1323899
BOWRAL	Shell Coles Express Bowral Service Station	430 Bong Bong STREET	Service Station	Regulation under CLM Act not required	-34.48269596	150.417389
BOWRAL	Former Gasworks	Merrigang STREET	Gasworks	Contamination currently regulated under CLM Act	-34.4783957	150.4255053
BOX HILL	Former Waste Management Facility	25 Terry ROAD	Landfill	Regulation under CLM Act not required	-33.65559259	150.8977986
BOX HILL	Former Poultry Farm	27-33 Boundary ROAD	Other Industry	Regulation under CLM Act not required	-33.64866563	150.8815467
BOX HILL	Former Poultry Farm	19-25 Boundary ROAD	Other Industry	Regulation under CLM Act not required	-33.65038071	150.8813725
BRANXTON	Former Service Station Branxton	Part of 70 Maitland STREET	Service Station	Contamination currently regulated under CLM Act	-32.65631582	151.3516243
BRANXTON	Branxton Wastewater Treatment Works	2151 New England HIGHWAY	Other Industry	Regulation under CLM Act not required	-32.66069944	151.3625572
BREWARRINA	Dowell's Fuel	39 Doyle STREET	Service Station	Regulation under CLM Act not required	-29.96152786	146.8612561
BRIGHTON-LE-SANDS	Shell Service Station Brighton Le Sands & adjacent land	2 General Holmes DRIVE	Service Station	Contamination formerly regulated under the CLM Act	-33.95791132	151.1576486
BRIGHTON-LE-SANDS	Cook Park	General Holmes DRIVE	Service Station	Contamination formerly regulated under the CLM Act	-33.9581072	151.1579572
BROADMEADOW	Former Industrial Site	16 Broadmeadow ROAD	Service Station	Regulation under CLM Act not required	-32.91444096	151.7300112

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
BROADMEADOW	Nineways Broadmeadow Coles Express SS	Corner Brunker Road and Lambton ROAD	Service Station	Regulation under CLM Act not required	-32.92511185	151.7364247
BROADMEADOW	2 Georgetown Road, Broadmeadow NSW 2292	2 Georgetown ROAD	Metal Industry	Under assessment	-35.085626	147.403807
BROKEN HEAD	South Byron Sewage Treatment Works	Broken Head ROAD	Other Industry	Regulation under CLM Act not required	-28.67233626	153.6148974
BROKEN HILL	Former Caltex Depot	3 Kanandah ROAD	Service Station	Regulation under CLM Act not required	-31.98341823	141.4332211
BROKEN HILL	Former Caltex Service Station	167-173 Argent STREET	Service Station	Regulation under CLM Act not required	-31.96066663	141.4624175
BROKEN HILL	Caltex Service Station	535 Argent STREET	Service Station	Regulation under CLM Act not required	-31.95311924	141.4745274
BROKEN HILL	Tasco Petroleum (Former Mobil) Depot	5 Kanandah ROAD	Other Petroleum	Regulation under CLM Act not required	-31.9843986	141.4329127
BROKEN HILL	Former Mobil Aviation Refuelling Facility, Broken Hill Airport	Airport ROAD	Other Petroleum	Regulation under CLM Act not required	-31.99928312	141.4685759
BROKEN HILL	Caltex Service Station	73-87 Oxide STREET	Service Station	Contamination formerly regulated under the CLM Act	-31.95519591	141.4658647
BROKEN HILL	Former Mobil Depot	Corner Of Talc Street and Gossan STREET	Other Petroleum	Regulation under CLM Act not required	-31.96018102	141.4514752
BROKEN HILL	Former Gasworks	Cornish STREET	Gasworks	Contamination formerly regulated under the CLM Act	-31.96330562	141.4470611
BROKEN HILL	Broken Hill Gas Turbines	76A Pinnacles ROAD	Unclassified	Under assessment	-31.986401	141.420435
BROKEN HILL	Broken Hill Railway Yard	Crystal STREET	Landfill	Under assessment	-31.971951	141.452863
BROOKLYN	Former Oyster Farm	139 Brooklyn (Off Government) ROAD	Unclassified	Regulation under CLM Act not required	-33.54716867	151.2229744
BROOKVALE	Coles Express Service Station Brookvale	198 Harbord ROAD	Service Station	Regulation under CLM Act not required	-33.76332299	151.2794028

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
BROOKVALE	Woolworths Petrol Brookvale	756 Pittwater ROAD	Service Station	Regulation under CLM Act not required	-33.76170587	151.2762411
BROOKVALE	Caltex Service Station Brookvale	740-742 Pittwater ROAD	Service Station	Regulation under CLM Act not required	-33.76146721	151.2745358
BROOKVALE	Harrison Manufacturing	75 Old Pittwater ROAD	Other Industry	Regulation under CLM Act not required	-33.76497282	151.2637961
BROOKVALE	Brookvale Bus Depot	630-636 Pittwater ROAD	Other Petroleum	Regulation under CLM Act not required	-33.76641698	151.2705659
BROOKVALE	Warringah Mall	Cnr Condamine Street, Old Pittwater Rd & Cross STREET	Other Industry	Regulation under CLM Act not required	-33.76729923	151.2657272
BROOKVALE	Littles Dry Cleaning	123 Old Pittwater ROAD	Other Industry	Regulation under CLM Act not required	-33.76759121	151.2625932
BROOMS HEAD	Former Brooms Head General Store and Service Station	92 Ocean ROAD	Service Station	Regulation under CLM Act not required	-29.60711599	153.3346312
BROWNSVILLE	Caltex Service Station	342 Kanahooka ROAD	Service Station	Regulation under CLM Act not required	-34.48591734	150.8064373
BRUNSWICK HEADS	Caltex Service Station	5 Tweed STREET	Service Station	Regulation under CLM Act not required	-28.5381619	153.5487135
BUDGEWOI	Colongra Power Station	Off Scenic DRIVE	Other Industry	Under assessment	-33.21463137	151.5529338
BULAHDELAH	Caltex Service Station	8 Red Gum Road, Corner Mahogany STREET	Service Station	Regulation under CLM Act not required	-32.39837094	152.2106015
BULAHDELAH	Former Caltex Service Station	53-59 Bulahdelah WAY	Service Station	Regulation under CLM Act not required	-32.40721638	152.2110291
BULAHDELAH	BP-branded (former Mobil) Service Station	73-75 Bulahdelah WAY	Service Station	Regulation under CLM Act not required	-32.40971018	152.2105785
BULLABURRA	Former Burmah Bullaburra Service Station	367 - 369 Great Western HIGHWAY	Service Station	Regulation under CLM Act not required	-33.72482995	150.4124537
BULLI	Scrap Yard	7 Molloy STREET	Other Industry	Contamination formerly regulated under the CLM Act	-34.33663195	150.9131154

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
BULLI	Bulli Brickworks	Quilkey PLACE	Other Industry	Regulation under CLM Act not required	-34.33263113	150.9086247
BUNGALORA	Former landfill area	Part of 840 Terranora ROAD	Other Industry	Regulation under CLM Act not required	-28.2424318	153.4789209
BUNGENDORE	Former Timber Treatment Plant	Corner King Street and Butmaroo STREET	Other Industry	Contamination formerly regulated under the CLM Act	-35.26151273	149.4434907
BUNGENDORE	Bungendore Railway Station and Rail Corridor	Bungendore STREET	Unclassified	Under assessment	-35.25574	149.446405
BURONGA	Caltex Service Station	Sturt Hwy Cnr Silver City HIGHWAY	Service Station	Regulation under CLM Act not required	-34.17056496	142.1813847
BURWOOD	Burwood STA Depot	Cnr Shaftesbury and Parramatta ROADS	Other Industry	Contamination formerly regulated under the CLM Act	-33.86982934	151.1089057
BYRON BAY	Residential Development	Lot 15 Seaview STREET	Unclassified	Regulation under CLM Act not required	-28.65214464	153.6165573
BYRON BAY	Butler Street Reserve Byron Bay	Butler STREET	Landfill	Under assessment	-28.64340617	153.6099674
CABARITA	Dulux (Orica Australia)	Cabarita ROAD	Chemical Industry	Contamination formerly regulated under the CLM Act	-33.84643972	151.1157115
CABARITA	Wellcome Soil Containment Cells Cabarita	47 and 48 Phillips STREET	Other Industry	Ongoing maintenance required to manage residual contamination (CLM Act)	-33.85250251	151.1176366
CABRAMATTA	Caltex (former Mobil) Lansvale Service Station	141 Hume HIGHWAY	Service Station	Contamination formerly regulated under the CLM Act	-33.89442261	150.9571507
CABRAMATTA	Caltex Service Station Cabramatta	168 John STREET	Service Station	Regulation under CLM Act not required	-33.89422314	150.9279279
CABRAMATTA	Cabramatta Creek	17 A and 19A Liverpool Street STREET	Unclassified	Regulation under CLM Act not required	-33.90284952	150.9415616
CABRAMATTA WEST	BP Lansvale	115-119 Hume HIGHWAY	Service Station	Regulation being finalised	-33.89373753	150.9587201
CABRAMURRA	Selwyn Snowfields / Selwyn Snow Resort	213A Kings Cross ROAD	Other Industry	Regulation under CLM Act not required	-35.90578	148.4501785

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
CALGA	Former service station	101 Peats Ridge ROAD	Service Station	Contamination formerly regulated under the CLM Act	-33.37592138	151.2254951
CALLALA BEACH	Callala Beach General Store	(formerly 1 Quay Rd) 114A Quay ROAD	Service Station	Regulation under CLM Act not required	-35.0101817	150.6964322
CAMBRIDGE GARDENS	Caltex Cambridge Park	1 Boomerang PLACE	Service Station	Regulation under CLM Act not required	-33.74068794	150.717174
CAMDEN	Camden High School (former)	John STREET	Gasworks	Regulation under CLM Act not required	-34.05114079	150.6951285
CAMDEN	Caltex Camden Service Station	21 Barsden STREET	Service Station	Regulation under CLM Act not required	-34.05808413	150.6914744
CAMDEN SOUTH	Coles Express Service Station Camden South	273 Old Hume HIGHWAY	Service Station	Regulation under CLM Act not required	-34.08660995	150.6945444
CAMELLIA	Hymix Concrete	14 Grand AVENUE	Metal Industry	Contamination currently regulated under CLM Act	-33.82243454	151.044789
CAMELLIA	Mauri Foods	15 Grand AVENUE	Other Industry	Regulation being finalised	-33.81996985	151.0335725
CAMELLIA	James Hardie Factory (former, eastern portion)	1 Grand AVENUE	Other Industry	Ongoing maintenance required to manage residual contamination (CLM Act)	-33.81822448	151.0260958
CAMELLIA	Bitumen Manufacturer	12 Grand AVENUE	Other Industry	Contamination currently regulated under CLM Act	-33.82189695	151.0429251
CAMELLIA	Hambear	14 Thackeray STREET	Metal Industry	Regulation under CLM Act not required	-33.81920482	151.0419394
CAMELLIA	Former Asciano Properties	37A and 39 Grand AVENUE	Chemical Industry	Contamination currently regulated under CLM Act	-33.82056014	151.0443331
CAMELLIA	Railway Land	27 Grand AVENUE	Other Industry	Regulation under CLM Act not required	-33.81910822	151.0382483
CAMELLIA	Wrigg	13 Grand AVENUE	Metal Industry	Under preliminary investigation order	-33.81971361	151.0321525
CAMELLIA	Former Akzo Nobel site	6 Grand AVENUE	Chemical Industry	Contamination currently regulated under CLM Act	-33.82238826	151.0319264

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
CAMELLIA	Former Shell Clyde Refinery	Durham STREET	Other Industry	Contamination currently regulated under POEO Act	-33.82804924	151.0378966
CAMELLIA	Council Reserve	11B Grand AVENUE	Metal Industry	Regulation under CLM Act not required	-33.81850502	151.0302425
CAMELLIA	Veolia	37 Grand AVENUE	Chemical Industry	Contamination currently regulated under CLM Act	-33.81980027	151.0430689
CAMELLIA	Sydney Water	41 Grand AVENUE	Chemical Industry	Contamination formerly regulated under the CLM Act	-33.8217493	151.0453367
CAMELLIA	Maritime Services Board	33A Grand AVENUE	Metal Industry	Regulation under CLM Act not required	-33.81836086	151.0401249
CAMMERAY	Tunks Park	Brothers AVENUE	Landfill	Contamination formerly regulated under the CLM Act	-33.81734704	151.2113338
CAMMERAY	Coles Express Cammeray	477-483 Miller STREET	Service Station	Regulation under CLM Act not required	-33.82141124	151.2108658
CAMPBELLTOWN	Mobil Service Station	96-98 Queen STREET	Service Station	Regulation under CLM Act not required	-34.06407588	150.8170082
CAMPBELLTOWN	BP Macarthur Service Station	Cnr Blaxland ROAD and Campbelltown ROAD	Service Station	Regulation under CLM Act not required	-34.05312872	150.8234349
CAMPBELLTOWN	Former vehicle wrecking yard	38 Blaxland ROAD	Other Industry	Regulation under CLM Act not required	-34.06055735	150.8130598
CAMPERDOWN	Former Gee Graphics	27 Church STREET	Other Industry	Regulation under CLM Act not required	-33.88737747	151.1773616
CAMPERDOWN	O'Dea Reserve	Salisbury LANE	Landfill	Contamination formerly regulated under the CLM Act	-33.89072786	151.1736948
CAMPERDOWN	The Spruce	12-14 Marsden STREET	Other Industry	Regulation under CLM Act not required	-33.88720632	151.1784514
CAMPSIE	Budget Petroleum and adjacent property	403 Canterbury Road and 1 Una STREET	Service Station	Contamination currently regulated under CLM Act	-33.91605617	151.1086596
CAMPSIE	Former Sunbeam factory	60 Charlotte STREET	Other Industry	Contamination formerly regulated under the CLM Act	-33.92254225	151.1025796

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
CANLEY HEIGHTS	Former Caltex Canley Heights	368 Canley Vale ROAD	Service Station	Regulation under CLM Act not required	-33.88271081	150.9154176
CANLEY HEIGHTS	Caltex Canley Heights Service Station	280-286 Canley Vale ROAD	Service Station	Regulation under CLM Act not required	-33.88393501	150.9241656
CANLEY VALE	Coles Express Lansvale	99 Hume HIGHWAY	Service Station	Regulation under CLM Act not required	-33.89295753	150.9606136
CANLEY VALE	Former Mobil Service Station	96 Canley Vale ROAD	Service Station	Regulation under CLM Act not required	-33.88591573	150.9369801
CANOWINDRA	BP-branded Jasbe Service Station	76 Rodd STREET	Service Station	Regulation under CLM Act not required	-33.56131773	148.6682805
CANTERBURY	Metro Petroleum Service Station	13-19 Canterbury ROAD	Service Station	Contamination currently regulated under CLM Act	-33.90783455	151.125207
CAPTAINS FLAT	Rail corridor adjacent to Lake George Mine	1 Copper Creek Road ROAD	Other Industry	Contamination currently regulated under CLM Act	-35.589869	149.437657
CAPTAINS FLAT	Captains Flat former Station Masters Cottage	2 Copper Creek ROAD	Other Industry	Under assessment	-35.59027127	149.4384122
CARDIFF	7-Eleven Service Station	399 Main ROAD	Service Station	Regulation under CLM Act not required	-32.93391137	151.6562111
CARDIFF	Former Caltex Service Station	367 Main ROAD	Service Station	Regulation under CLM Act not required	-32.93761223	151.6577781
CARDIFF	Maneela Oval	Main ROAD	Other Industry	Regulation under CLM Act not required	-32.93018443	151.6435559
CARDIFF	Former Mobil Depot	7 Ranton STREET	Other Petroleum	Regulation under CLM Act not required	-32.94516764	151.6470387
CARDIFF	BP Service Station (Reliance Petroleum)	Corner Sturt and Main ROADS	Service Station	Regulation under CLM Act not required	-32.93792229	151.6569905
CARDIFF	Woolworths (former Mobil) Cardiff Service Station	43 Macquarie ROAD	Service Station	Regulation under CLM Act not required	-32.94118246	151.6578195
CARINGBAH	Adjacent to Spirent Australia	101-103 Cawarra ROAD	Other Industry	Contamination formerly regulated under the CLM Act	-34.03360747	151.1245577

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
CARINGBAH	Former Consumer Health Products Manufacturer	32-40 Cawarra ROAD	Other Industry	Regulation under CLM Act not required	-34.03024369	151.1277755
CARINGBAH	Caltex Lilli Pilli Service Station	477-481 Port Hacking ROAD	Service Station	Regulation under CLM Act not required	-34.05243807	151.1216353
CARINGBAH	7-Eleven Service Station	367 The KINGSWAY	Service Station	Regulation under CLM Act not required	-34.03948677	151.1203268
CARINGBAH	Spirent Australia	105 Cawarra ROAD	Other Industry	Contamination formerly regulated under the CLM Act	-34.03425343	151.1245092
CARINGBAH	BP Service Station Caringbah	54 Captain Cook DRIVE	Service Station	Regulation under CLM Act not required	-34.032986	151.1250656
CARLINGFORD	Caltex Service Station Carlingford	131 Pennant Hills ROAD	Service Station	Regulation under CLM Act not required	-33.78762398	151.0279422
CARLINGFORD	Caltex Service Station	797 Pennant Hills ROAD	Service Station	Regulation under CLM Act not required	-33.7757819	151.0516532
CARLTON	Shell Coles Express Service Station	277 Princes HIGHWAY	Service Station	Regulation under CLM Act not required	-33.9748579	151.1272732
CARRINGTON	Commercial Metals Company (CMC) Australia Pty Ltd	117-121 Bourke STREET	Other Industry	Regulation under CLM Act not required	-32.9148832	151.7677193
CARRINGTON	Carrington redevelopment site	11 Howden STREET	Other Industry	Regulation under CLM Act not required	-32.91309509	151.7625341
CARRINGTON	Forgacs Dockyard	81 Denison STREET	Other Industry	Regulation under CLM Act not required	-32.9207441	151.764816
CARRINGTON	NAT vacant land	Bourke STREET	Unclassified	Regulation under CLM Act not required	-32.91276029	151.7685894
CARRINGTON	Dyke Point Containment Cell	Dyke ROAD	Other Industry	Regulation under CLM Act not required	-32.91763422	151.7727101
CARRINGTON	Carrington Coal Tar Pavements	Bourke Street to Dyke ROAD	Other Industry	Regulation under CLM Act not required	-32.91441348	151.770271
CARRINGTON	Pasminco Ship Loader	Dyke Berth 2 (off Bourke Street) OTHER	Metal Industry	Regulation under CLM Act not required	-32.9148698	151.7716837

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
CARSS PARK	Vacant Property	334 Princes HIGHWAY	Other Industry	Regulation under CLM Act not required	-33.98628486	151.1133908
CARSS PARK	Kogarah War Memorial Pool	78 Carwar AVENUE	Other Industry	Under assessment	-33.989419	151.12005
CARWELL	Cement Australia Carwell Creek Quarries	Quarry ROAD	Other Industry	Regulation under CLM Act not required	-32.85570277	149.9170908
CASINO	Caltex Service Station and Depot Casino	28 & 32 Dyraaba STREET	Service Station	Regulation under CLM Act not required	-28.85488567	153.044806
CASINO	Caltex Service Station	96 Centre STREET	Service Station	Regulation under CLM Act not required	-28.86539567	153.0450654
CASINO	Former Gasworks	134-136 North STREET	Gasworks	Regulation under CLM Act not required	-28.86080712	153.0526043
CASINO	Woolworths Service Station Casino	130 Canterbury STREET	Service Station	Regulation under CLM Act not required	-28.86231341	153.0464642
CASINO	18 Beith Street, Casino	18 Beith STREET	Unclassified	Regulation under CLM Act not required	-28.84951426	153.0446585
CASINO	Corner Store	30 Barker STREET	Service Station	Regulation under CLM Act not required	-28.86316792	153.0389124
CASINO	Casino Roadhouse	86 Johnston STREET	Service Station	Contamination currently regulated under CLM Act	-28.85960698	153.0562429
CASULA	Caltex Casula Service Station	646 Hume HIGHWAY	Service Station	Regulation under CLM Act not required	-33.95641262	150.8934783
CATHERINE HILL BAY	Catherine Hill Bay Coal Handling and Preparation Plant	1A Keene STREET	Other Industry	Regulation under CLM Act not required	-33.16120556	151.6302456
CESSNOCK	Caltex Cessnock Service Station	103-105 Wollombi (Cnr James Street) ROAD	Service Station	Regulation under CLM Act not required	-32.83936243	151.3430078
CESSNOCK	Former Mobil Service Station	102 Wollombi ROAD	Service Station	Regulation under CLM Act not required	-32.83844074	151.3436022
CESSNOCK	Former Service Station	2-4 Allandale ROAD	Service Station	Regulation under CLM Act not required	-32.83118911	151.3560677

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
CHARBON	Charbon Colliery	Charbon ROAD	Other Industry	Regulation under CLM Act not required	-32.92390131	149.9839098
CHARLESTOWN	7-Eleven Charlestown	273 Charlestown ROAD	Service Station	Regulation under CLM Act not required	-32.95797076	151.6896275
CHARLESTOWN	Caltex Service Station	81 Pacific HIGHWAY	Service Station	Contamination currently regulated under CLM Act	-32.96715274	151.6955462
CHARLESTOWN	Caltex Woolworths (Former BP)	91-93 Pacific HIGHWAY	Service Station	Contamination formerly regulated under the CLM Act	-32.96631255	151.6959086
CHARLESTOWN	Ausgrid Powell Street Depot	8 Powell STREET	Other Industry	Regulation under CLM Act not required	-32.95912375	151.6944136
CHARMHAVEN	Caltex Charmhaven Service Station	13-15 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-33.21655768	151.5091452
CHATSWOOD	Former Caltex Chatswood Service Station	607 Pacific HIGHWAY	Service Station	Contamination formerly regulated under the CLM Act	-33.80396472	151.1795766
CHATSWOOD	Woolworths Chatswood	364-366 Eastern Valley WAY	Service Station	Regulation under CLM Act not required	-33.78667419	151.2010828
CHATSWOOD	Caltex Service Station Chatswood	572 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-33.80381271	151.1789656
CHATSWOOD	Auto Repairs	2 Devonshire STREET	Service Station	Regulation under CLM Act not required	-33.8015482	151.1859632
CHATSWOOD	Coles Express Service Station Chatswood	877-879 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-33.79182176	151.1804867
CHATSWOOD	Chatswood Toyota	728 Pacific HIGHWAY	Service Station	Contamination formerly regulated under the CLM Act	-33.79654247	151.1776136
CHERRYBROOK	Caltex Service Station	67 Shepherds DRIVE	Service Station	Regulation under CLM Act not required	-33.72069183	151.0451415
CHESTER HILL	Former Orica, Chester Hill	127 Orchard ROAD	Chemical Industry	Contamination formerly regulated under the CLM Act	-33.8869823	150.9952873
CHESTER HILL	Various industrial premises	191 Miller ROAD	Chemical Industry	Under assessment	-33.884091	150.995073

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
CHESTER HILL	Integrated Packaging	149 Orchard ROAD	Other Industry	Under assessment	-33.885645	150.995148
CHIPPENDALE	Cnr Regent Street & Wellington Street, Chippendale	Wellington STREET	Chemical Industry	Contamination currently regulated under CLM Act	-33.88668912	151.2015246
CHIPPING NORTON	Former Solchem (Mobil) Depot Chipping Norton	49-51 Riverside ROAD	Other Petroleum	Regulation under CLM Act not required	-33.91621314	150.9696948
CHIPPING NORTON	Former ACR	85-107 Alfred STREET	Chemical Industry	Contamination currently regulated under CLM Act	-33.92226795	150.9586496
CHISWICK	Former Sydney Wiremills (BHP) site	Blackwall Point ROAD	Other Industry	Regulation under CLM Act not required	-33.85131849	151.1369131
CHITTAWAY BAY	Former Caltex Chittaway Point	100 Chittaway ROAD	Service Station	Regulation under CLM Act not required	-33.32707555	151.4293546
CHULLORA	Chullora Railway Workshops	Worth STREET	Other Industry	Regulation under CLM Act not required	-33.88639388	151.0598201
CLANDULLA	Brogans Creek Quarry	Brogans Creek ROAD	Other Industry	Under assessment	-32.997442	149.960912
CLARENCE	Clarence Colliery	Chifley ROAD	Other Industry	Regulation under CLM Act not required	-33.46450217	150.2522729
CLARENDON	Coles Express Clarendon Service Station	244 Hawkesbury Valley WAY	Service Station	Regulation under CLM Act not required	-33.6083729	150.7890956
CLEARFIELD	Former Pamplings Dip Site	Off Clearfield ROAD	Cattle Dip	Regulation under CLM Act not required	-29.16287185	152.882974
CLYBUCCA	BP Service Station	2171 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-30.93845014	152.9422791
CLYDE	7-Eleven Clyde	3 Parramatta Road, corner Harbord STREET	Service Station	Regulation under CLM Act not required	-33.83494433	151.0222628
CLYDE	4 Tennyson Street, Clyde NSW 2142	4 Tennyson STREET	Other Industry	Regulation under CLM Act not required	-33.83268843	151.0267361
COBAR	Former Caltex (Bogas) Service Station Cobar	56-58 Marshall STREET	Service Station	Regulation under CLM Act not required	-31.49793339	145.8346684

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
COBAR	Mckinnons Gold Mine	Cobar ROAD	Metal Industry	Regulation under CLM Act not required	-31.78179755	145.693
COBAR	Caltex Service Station Cobar	99 Marshall (formerly Cnr Barrier Highway and Bathurst Street) STREET	Service Station	Regulation under CLM Act not required	-31.49631924	145.8275727
COBAR	Caltex Service Station	Lot 10 Railway PARADE	Service Station	Regulation under CLM Act not required	-31.49350124	145.8442372
COFFS HARBOUR	BP Service Station	134-136 Pacific HIGHWAY	Service Station	Contamination formerly regulated under the CLM Act	-30.29187037	153.1182106
COFFS HARBOUR	Dan Murphy's Coffs Harbour	10 Elbow STREET	Service Station	Regulation under CLM Act not required	-30.29439262	153.115069
COFFS HARBOUR	Mobil Service Station	314-316 Harbour DRIVE	Service Station	Contamination formerly regulated under the CLM Act	-30.3056983	153.131966
COFFS HARBOUR	Mobil Coffs Harbour Airport	Aviation DRIVE	Other Petroleum	Contamination formerly regulated under the CLM Act	-30.313385	153.1175018
COFFS HARBOUR	Woolworths Petrol	Park Beach Plaza, Arthur STREET	Service Station	Regulation under CLM Act not required	-30.28101154	153.132027
COFFS HARBOUR	Caltex Service Station	157 Orlando STREET	Service Station	Regulation under CLM Act not required	-30.28975334	153.1306354
COFFS HARBOUR	Coffs Harbour Slipway	38 Marina DRIVE	Other Industry	Regulation under CLM Act not required	-30.30325637	153.1441437
COFFS HARBOUR	Aussitel Backpackers Hostel	312 Harbour DRIVE	Service Station	Contamination formerly regulated under the CLM Act	-30.30585731	153.131645
COLEAMBALLY	Former Mobil Coleambally Depot	19 Bencubbin AVENUE	Other Petroleum	Regulation under CLM Act not required	-34.80279552	145.8945239
COLLARENEBRI	Former Shell Depot	Corner Narran Street and Queen STREET	Other Petroleum	Regulation under CLM Act not required	-29.54114772	148.5789365
COLONGRA	Munmorah Colliery	Scenic DRIVE	Other Industry	Regulation under CLM Act not required	-33.21297737	151.5416882
COLONGRA	Endeavour Colliery	Scenic DRIVE	Other Industry	Regulation under CLM Act not required	-33.21297737	151.5416882

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
COLYTON	Coles Express (former Ampol) Service Station	86-88 Great Western HIGHWAY	Service Station	Contamination formerly regulated under the CLM Act	-33.77552363	150.7953105
CONCORD	Caltex Service Station	89 Parramatta ROAD	Service Station	Regulation under CLM Act not required	-33.86785624	151.0993769
CONCORD WEST	Caltex Service Station - 369 -375 Concord Road, Concord West	369-375 Concord ROAD	Service Station	Regulation under CLM Act not required	-33.84113835	151.0888843
CONDOBOLIN	BP-Branded Service Station	38 Denison Street, corner Molong STREET	Service Station	Regulation under CLM Act not required	-33.08520378	147.1524976
CONDOBOLIN	Former Mobil Depot	6 Burnett STREET	Other Petroleum	Contamination formerly regulated under the CLM Act	-33.08010515	147.1642972
CONDOBOLIN	Former Ampol Depot	Cnr Parkes Road and Goobang STREET	Service Station	Regulation under CLM Act not required	-33.08034753	147.1642436
CONDOBOLIN	Former Caltex Depot	Parkes ROAD	Service Station	Regulation under CLM Act not required	-33.08255593	147.1585922
CONDOBOLIN	Mobil Condobolin Depot Railway Siding	Railway Siding behind 6 Burnett STREET	Other Petroleum	Regulation under CLM Act not required	-33.08058612	147.164225
CONSTITUTION HILL	Sydney Water Land	Caloola ROAD	Unclassified	Regulation under CLM Act not required	-33.79781738	150.9697436
COOGEE	Caltex Coogee Service Station	146-148 Coogee Bay Road, corner Mount STREET	Service Station	Regulation under CLM Act not required	-33.91989232	151.2517454
COOKS HILL	Former Council Depot Cooks Hill	152 Bruce Street and 115 Corlette STREET	Other Industry	Regulation under CLM Act not required	-32.93525537	151.7641074
COOLAC	Coolac Service Station	Corner Hume Highway and Coleman STREET	Service Station	Regulation under CLM Act not required	-34.95435052	148.1595525
COOLAH	BP Depot (Reliance Petroleum)	72 (formerly 17-23) Cunningham STREET	Other Petroleum	Regulation under CLM Act not required	-31.82275896	149.7243171
COOLONGLOOK	Caltex Service Station	Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-32.21648325	152.322813
COOMA	Caltex Cooma Service Station	44 Sharp Street, corner Baron STREET	Service Station	Regulation under CLM Act not required	-36.23323489	149.1304134

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
COOMA	Former Mobil Cooma Depot	2 Commissioner STREET	Other Petroleum	Regulation under CLM Act not required	-36.23266081	149.1346674
COOMA	Former Caltex Cooma Depot	2 Short STREET	Service Station	Regulation under CLM Act not required	-36.2338672	149.1348862
COOMA	Lowes Petroleum Cooma Depot and Service Station (Former BP Reliance Petroleum)	2-4 Sharp STREET	Other Petroleum	Regulation under CLM Act not required	-36.22819468	149.1357696
COOMA	Woolworths Caltex Cooma Service Station	Bombala Street Cnr Massie STREET	Service Station	Regulation under CLM Act not required	-36.23364626	149.1267469
COOMA	Former Shell Depot	48-50 Bradley STREET	Other Petroleum	Regulation under CLM Act not required	-36.23448955	149.1347987
COOMA	Former Shell Service Station	48-52 Sharp STREET	Service Station	Contamination formerly regulated under the CLM Act	-36.23350402	149.1299514
COONABARABRAN	Former Mobil Depot	49 Cowper STREET	Other Petroleum	Regulation under CLM Act not required	-31.27096226	149.2818461
COONABARABRAN	Shell Coles Express Service Station	2-6 John STREET	Service Station	Regulation under CLM Act not required	-31.27706775	149.27836
COONABARABRAN	Former Shell Coonabarabran CVRO	Corner Cowper St and Dawson St, formerly 51 Cowper STREET	Other Petroleum	Regulation under CLM Act not required	-31.27003745	149.281788
COONABARABRAN	Caltex Service Station	Cnr Dawson & Drummond STREET	Service Station	Regulation under CLM Act not required	-31.26994941	149.28183
COONABARABRAN	Caltex Service Station	85-87 John STREET	Service Station	Regulation under CLM Act not required	-31.27231215	149.2771297
COONAMBLE	Former Shell Coonamble Depot	Corner Aberford Street and Quambone ROAD	Other Petroleum	Regulation under CLM Act not required	-30.95349182	148.3793432
COONAMBLE	Caltex Service Station	Quambone ROAD	Service Station	Regulation under CLM Act not required	-30.95410067	148.3792167
COORANBONG	Former Poultry Farm - 91 Alton Road, Cooranbong	64 - 98 Alton ROAD	Unclassified	Regulation under CLM Act not required	-33.06860138	151.4512156
COORANBONG	Avondale Auto Centre	679 Freemans DRIVE	Service Station	Regulation under CLM Act not required	-33.06968809	151.4636293

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
COOTAMUNDRA	Former BP Depot	1-5 Murray STREET	Other Petroleum	Regulation under CLM Act not required	-34.62915841	148.0306962
COOTAMUNDRA	Caltex Service Station	26-34 Hovell STREET	Service Station	Regulation under CLM Act not required	-34.63624703	148.0347479
COOTAMUNDRA	Former Caltex Depot	219 Sutton STREET	Other Petroleum	Regulation under CLM Act not required	-34.65126548	148.0145283
COOTAMUNDRA	Former Ampol Service Station	72 Parker STREET	Service Station	Regulation under CLM Act not required	-34.63471008	148.0296112
COOTAMUNDRA	Cootamundra Gasworks	140-146 Hovell STREET	Gasworks	Contamination currently regulated under CLM Act	-34.64572841	148.0255049
COOTAMUNDRA	Former Amoco Depot	68-72 Hovell STREET	Other Petroleum	Contamination currently regulated under CLM Act	-34.63871124	148.0321134
COOTAMUNDRA	Former Ampol Cootamundra Rail Siding	Back Brawlin ROAD	Other Petroleum	Regulation under CLM Act not required	-34.65326425	148.0143068
CORAMBA	Martin Street	End of Martin Street and adjacent car park OTHER	Service Station	Ongoing maintenance required to manage residual contamination (CLM Act)	-30.22125208	153.0156997
CORNWALLIS	532 Cornwallis Road, Cornwallis	532 Cornwallis ROAD	Other Industry	Regulation under CLM Act not required	-33.57473895	150.7792839
COROWA	Corowa Shire Council Works Depot	24 Poseidon ROAD	Other Petroleum	Regulation under CLM Act not required	-35.98807923	146.3652266
COROWA	Former Ampol Corowa	10 Bow STREET	Service Station	Regulation under CLM Act not required	-35.99364786	146.3901259
COROWA	Cignall Corowa	280 Hume STREET	Service Station	Under preliminary investigation order	-36.00996015	146.3760437
CORRIMAL	Woolworths Petrol - Corrimal	275 Princes HIGHWAY	Service Station	Regulation under CLM Act not required	-34.37527426	150.8962637
CORRIMAL	7-Eleven Corrimal	138-146 Princes HIGHWAY	Service Station	Regulation under CLM Act not required	-34.36986818	150.8978241
COWRA	Landmark Fertiliser Storage Facility	Corner Young Road & Waratah STREET	Chemical Industry	Regulation under CLM Act not required	-33.84321832	148.6722578

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
COWRA	Lowes Petroleum (former BP Cowra Depot)	12 Campbell STREET	Other Petroleum	Regulation under CLM Act not required	-33.83803706	148.6977873
COWRA	Former Gasworks	30 Brougham STREET	Gasworks	Contamination currently regulated under CLM Act	-33.8389659	148.6963482
COWRA	Shell Depot	34 Brougham STREET	Other Petroleum	Contamination formerly regulated under the CLM Act	-33.83913341	148.6973491
COWRA	Cowra Residential Site	32 Brougham STREET	Landfill	Under assessment	-33.839137	148.697044
CRANGAN BAY	Big T Roadhouse	555 and 565 Pacific HIGHWAY	Service Station	Contamination currently regulated under CLM Act	-33.17306517	151.6084446
CREMORNE	Shell Coles Express Service Station	225 Military ROAD	Service Station	Regulation under CLM Act not required	-33.83063306	151.226223
CRESTWOOD	Former Caltex Depot Queanbeyan	36 Kendall (Cnr Stephens Rd) AVENUE	Other Petroleum	Regulation under CLM Act not required	-35.34615546	149.207807
CRESTWOOD	Former BP Queanbeyan	64 Uriarra ROAD	Service Station	Regulation under CLM Act not required	-35.34646177	149.2246263
CRONULLA	Breen Holdings	Bate Bay ROAD	Other Industry	Regulation under CLM Act not required	-34.03861737	151.1614114
CROWS NEST	Caltex Service Station	111-121 Falcon STREET	Service Station	Regulation under CLM Act not required	-33.82868236	151.2060317
CROYDON	Caltex Service Station	404-410 Liverpool ROAD	Service Station	Regulation under CLM Act not required	-33.88853994	151.115879
CROYDON	BP Ashfield	584 Parramatta ROAD	Service Station	Regulation under CLM Act not required	-33.87399409	151.1267296
CROYDON PARK	Mobil Service Station	334 Georges River ROAD	Service Station	Regulation under CLM Act not required	-33.89771626	151.0999194
CULCAIRN	Caltex Service Station	2883 Olympic HIGHWAY	Service Station	Regulation under CLM Act not required	-35.67441635	147.0356845
CULLEN BULLEN	Baal Bone Colliery	Castlereagh HIGHWAY	Other Industry	Regulation under CLM Act not required	-33.27193875	150.0587194

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
CUNDELTOWN	Caltex Service Station (1 Manning River Drive)	Old Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-31.89329598	152.5068225
CURL CURL	John Fisher Park	Corner Harbord and Abbott ROADS	Landfill	Regulation under CLM Act not required	-33.76622613	151.2860705
DACEYVILLE	Astrolabe Park	Cook AVENUE	Landfill	Regulation under CLM Act not required	-33.92963704	151.221773
DAPTO	7-Eleven Dapto	125 Princes HIGHWAY	Service Station	Under assessment	-34.4983106	150.7912911
DAPTO	RailCorp Dapto	(Rear of property) 12-14 Hamilton STREET	Other Industry	Regulation under CLM Act not required	-34.50045405	150.787353
DAPTO	Nicheinvest Pty Ltd (Former service station)	133-139 Lakelands DRIVE	Service Station	Regulation under CLM Act not required	-34.503453	150.80323
DARLINGHURST	Proposed Retail Unit	139-155 Palmer STREET	Unclassified	Regulation under CLM Act not required	-33.87504688	151.2168106
DARLINGHURST	Cross City Tunnel	Riley Street and William STREET	Service Station	Contamination was addressed via the planning process (EP&A Act)	-33.87424636	151.2158305
DARLINGHURST	18-28 Neild Avenue, Darlinghurst	18-28 Neild AVENUE	Landfill	Regulation under CLM Act not required	-33.87876581	151.2276546
DEE WHY	United Dee Why	148 Pacific Parade STREET	Service Station	Contamination currently regulated under CLM Act	-33.75569536	151.295963
DEE WHY	United Dee Why Pittwater	625 Pittwater (Cnr Mooramba Road) ROAD	Service Station	Under assessment	-33.7549455	151.2828442
DEE WHY	Caltex Service Station	793-797 Pittwater ROAD	Service Station	Regulation under CLM Act not required	-33.74566596	151.2920719
DEE WHY	Dee Why Town Centre	Pittwater ROAD	Other Industry	Regulation under CLM Act not required	-33.753169	151.2875805
DEE WHY	Roche Products Dee Why Facility	Inman ROAD	Other Industry	Contamination currently regulated under CLM Act	-33.73893118	151.2870389
DENHAM COURT	Denham Court Caravan Park and Service Station	505 Campbelltown ROAD	Service Station	Contamination currently regulated under CLM Act	-33.98208395	150.8459471

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
DENILIQUIN	Shell Coles Express Service Station	336 Victoria STREET	Service Station	Contamination formerly regulated under the CLM Act	-35.52373613	144.9807345
DENILIQUIN	Former Deniliquin Gasworks	365, 369 and 329-331 George and 380 and 386 Charlotte STREET	Gasworks	Under assessment	-35.52670898	144.9634996
DENILIQUIN	Landmark Fertiliser Storage Facility	99-101 Davidson STREET	Chemical Industry	Regulation under CLM Act not required	-35.52534735	144.975142
DENILIQUIN	Former Deniliquin Caltex Depot	116-118 Hardinge (Cnr Wood St) STREET	Service Station	Regulation under CLM Act not required	-35.53196985	144.9544597
DENILIQUIN	BP Depot (Reliance Petroleum)	125 - 127 Hardinge STREET	Service Station	Regulation under CLM Act not required	-35.53222124	144.9517397
DENILIQUIN	Former Shell Depot	143-147 Napier STREET	Other Petroleum	Regulation under CLM Act not required	-35.5342355	144.953169
DENILIQUIN	Previous Council depot site	392 - 394 Hay ROAD	Unclassified	Under assessment	-35.518857	144.977947
DENMAN	Former Industrial Site	10 Fontana WAY	Metal Industry	Regulation under CLM Act not required	-32.37945456	150.6868239
DENMAN	Former Industrial Site	9 Fontana WAY	Metal Industry	Regulation under CLM Act not required	-32.37911159	150.6869866
DORA CREEK	Former Service Station	4 Doree PLACE	Service Station	Regulation under CLM Act not required	-33.08452746	151.502415
DOUBLE BAY	64 Suttie Road, Double Bay NSW 2028	64 Suttie ROAD	Other Industry	Regulation under CLM Act not required	-33.885034	151.247311
DOYALSON	Part Lot 3 DP 259306	Off David STREET	Other Industry	Regulation under CLM Act not required	-33.20436131	151.5232558
DOYALSON	Munmorah Power Station	(Central Coast Highway) Scenic DRIVE	Other Industry	Under assessment	-33.20678347	151.540795
DOYALSON	Mannering Colliery (formerly Wyee)	Rutleys ROAD	Other Industry	Regulation under CLM Act not required	-33.17179576	151.5419248
DOYALSON NORTH	Caltex Service Station	235 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-33.18501024	151.5526114

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
DOYALSON NORTH	Shell Coles Express Service Station	260-270 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-33.18636608	151.5482399
DRUMMOYNE	Coles Express Service Station Drummoyne (Eastbound)	36-46 Victoria ROAD	Service Station	Regulation under CLM Act not required	-33.85576628	151.1593519
DRUMMOYNE	Former Dry Cleaners	225 Victoria ROAD	Chemical Industry	Regulation under CLM Act not required	-33.8507152	151.1537113
DRUMMOYNE	Coles Express Service Station Drummoyne South (Westbound)	39-45 Victoria ROAD	Service Station	Regulation under CLM Act not required	-33.85606575	151.1589061
DRUMMOYNE	Caltex Service Station	191-195 Lyons ROAD	Service Station	Regulation under CLM Act not required	-33.85699216	151.1460356
DUBBO	BP Reliance Petroleum Service Station (Former Mobil Depot)	107 Erskine STREET	Other Petroleum	Regulation under CLM Act not required	-32.24441287	148.6111704
DUBBO	Dubbo Police Station	143 Brisbane STREET	Other Petroleum	Regulation under CLM Act not required	-32.24652288	148.6034702
DUBBO	Shell Coles Express Service Station	131-133 Cobra STREET	Service Station	Regulation under CLM Act not required	-32.25511317	148.6126147
DUBBO	Shell Coles Express Service Station	45-49 Whylandra STREET	Service Station	Regulation under CLM Act not required	-32.2474598	148.5932769
DUBBO	Former Mobil depot	40-44 Morgan STREET	Other Petroleum	Regulation under CLM Act not required	-32.23912277	148.6182711
DUBBO	Caltex Service Station, Dubbo	60 Windsor PARADE	Service Station	Regulation under CLM Act not required	-32.25459322	148.6318
DUBBO	BP-Branded Service Station Dubbo West	51-63 Whylandra STREET	Service Station	Regulation under CLM Act not required	-32.24827657	148.5927084
DUBBO	Lowes Petroleum (BP-Branded) Depot, Dubbo	105 Erskine STREET	Service Station	Regulation under CLM Act not required	-32.24423247	148.6101676
DUBBO	Inland Petroleum (Former Shell) Depot	109 Erskine STREET	Other Petroleum	Regulation under CLM Act not required	-32.24470512	148.6124108
DUBBO	Former Caltex Depot	Phillip (corner Fitzroy) STREET	Service Station	Regulation under CLM Act not required	-32.24534863	148.6150144

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
DUBBO	Caltex Service Station	119 Bourke STREET	Service Station	Regulation under CLM Act not required	-32.24336464	148.6091931
DUBBO	Former Ambulance Station	165 Brisbane STREET	Other Petroleum	Contamination formerly regulated under the CLM Act	-32.24850755	148.6031749
DUBBO	United (former Volume Plus) Service Station	219-223 Cobra STREET	Service Station	Regulation under CLM Act not required	-32.2565155	148.6228586
DUBBO	Ampol Service Station, Dubbo	Cnr Brisbane Street and Cobra STREET	Service Station	Contamination currently regulated under CLM Act	-32.25322183	148.603164
DULWICH HILL	Former Tyre Recapping	115-117 Constitution ROAD	Other Industry	Regulation under CLM Act not required	-33.90300876	151.1387724
DULWICH HILL	Denison Road Playground	194 Denison ROAD	Landfill	Regulation under CLM Act not required	-33.90121956	151.1404637
DUNEDOO	Former Shell Depot Dunedoo	Cnr Bolaro and Redbank STREET	Other Petroleum	Regulation under CLM Act not required	-32.01565761	149.3922418
DUNGOG	Lot 54 Common Rd	54 Common ROAD	Unclassified	Regulation under CLM Act not required	-32.39490989	151.739821
DUNGOG	Former HWC Maintenance Depot for Civil Engineering Works	86 Abelard STREET	Other Industry	Regulation under CLM Act not required	-32.40429396	151.7514073
DUNMORE	Equestrian Centre	71 Fig Hill LANE	Unclassified	Regulation under CLM Act not required	-34.62313393	150.8421544
DURAL	Caltex Dural Service Station	917-923 Old Northern ROAD	Service Station	Regulation under CLM Act not required	-33.68312075	151.0287519
DURAL	BP Dural Service Station	580 Old Northern ROAD	Service Station	Regulation under CLM Act not required	-33.69569985	151.0283357
DURAL	Caltex Service Station	530 Old Northern ROAD	Service Station	Regulation under CLM Act not required	-33.69348472	151.0202716
DURAL	Woolworths Service Station	532 Old Northern ROAD	Service Station	Regulation under CLM Act not required	-33.69348472	151.0202716
DURAL	21 John Radley Avenue, Dural	21 John Radley AVENUE	Landfill	Under assessment	-33.717158	151.0332

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
DURI	Duri Store	13 Railway AVENUE	Service Station	Contamination currently regulated under CLM Act	-31.21710021	150.8183675
EAGLE VALE	BP Service Station	Corner Eagle Vale Drive and Gould ROAD	Service Station	Regulation under CLM Act not required	-34.03128043	150.816363
EARLWOOD	RTA Land	3 Jackson PLACE	Unclassified	Contamination currently regulated under CLM Act	-33.92724512	151.1433382
EARLWOOD	Wolli Creek Aqueduct	Unwin STREET	Unclassified	Regulation under CLM Act not required	-33.92788788	151.1480807
EARLWOOD	2, 4 & 6 Unwin Street Earwood	2, 4 & 6 Unwin STREET	Landfill	Regulation under CLM Act not required	-33.92683761	151.149505
EAST BALLINA	Caltex East Ballina Service Station	34 Links AVENUE	Service Station	Regulation under CLM Act not required	-28.85009113	153.5829246
EAST GOSFORD	Presbyterian Aged Care Facility	8-18 Enid CRESCENT	Landfill	Regulation under CLM Act not required	-33.4376675	151.3577947
EAST GOSFORD	Mobil Service Station	44 Victoria STREET	Service Station	Contamination formerly regulated under the CLM Act	-33.43804781	151.353303
EAST GOSFORD	Hylton Moore Park	Althrop STREET	Landfill	Contamination currently regulated under CLM Act	-33.4352203	151.3601193
EAST MAITLAND	United Service Station East Maitland	164 (also known as 250) Newcastle STREET	Service Station	Regulation under CLM Act not required	-32.75245246	151.5869136
EAST MAITLAND	Woolworths Caltex Green Hills	14 Mitchell DRIVE	Service Station	Regulation under CLM Act not required	-32.76182386	151.5927863
EAST MAITLAND	Former Gasworks Site	Corner Melbourne Street and Brisbane STREET	Gasworks	Regulation under CLM Act not required	-32.74939199	151.5788783
EAST MAITLAND	Caltex East Maitland Service Station	Newcastle Road, Corner William STREET	Service Station	Regulation under CLM Act not required	-32.74883712	151.5829296
EAST TAMWORTH	Caltex Service Station	350-362 Armidale ROAD	Service Station	Regulation under CLM Act not required	-31.11401974	150.9613327
EASTERN CREEK	Caltex Service Station	M4 (Eastbound) MOTORWAY	Service Station	Regulation under CLM Act not required	-33.801607	150.8857989

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
EASTERN CREEK	Caltex Service Station M4 Motorway Westbound	M4 (Westbound) MOTORWAY	Service Station	Regulation under CLM Act not required	-33.80255701	150.8829211
EASTERN CREEK	Fulton Hogan Industries (formerly Pioneer Road Services)	Honeycomb DRIVE	Other Industry	Regulation under CLM Act not required	-33.80231274	150.8288299
EASTGARDENS	130-150 Bunnerong Road Eastgardens	130 - 150 Bunnerong ROAD	Other Industry	Regulation under CLM Act not required	-33.94230414	151.2248138
EASTLAKES	Former Shell Rosebery service station and adjacent land	275-279 Gardeners ROAD	Service Station	Contamination formerly regulated under the CLM Act	-33.92471289	151.2100772
EASTLAKES	Eastlakes Reserve	Evans AVENUE	Service Station	Contamination formerly regulated under the CLM Act	-33.92497291	151.2102725
EASTLAKES	Budget Petroleum Eastlakes	102 Maloney STREET	Service Station	Contamination formerly regulated under the CLM Act	-33.93120382	151.2054267
EASTLAKES	73 Gardeners Road	73 Gardeners ROAD	Unclassified	Regulation under CLM Act not required	-33.92541594	151.2182856
EASTWOOD	Former Mobil Service Station Eastwood	3-5 Trelawney (Cnr Rutledge St) STREET	Service Station	Regulation under CLM Act not required	-33.79273381	151.079584
EDEN	Caltex Service Station	159 Imlay STREET	Service Station	Regulation under CLM Act not required	-37.06324099	149.9044022
EDEN	Former Caltex Eden Depot	80-82 Imlay STREET	Service Station	Contamination currently regulated under CLM Act	-37.0570984	149.9038538
EDENSOR PARK	Caltex Bonnyrigg Service Station, Edensor Park	549 Elizabeth DRIVE	Service Station	Regulation under CLM Act not required	-33.88840816	150.8822609
EDENSOR PARK	7-Eleven (former Mobil) Service Station	615-621 Cowpasture Road, corner Elizabeth DRIVE	Service Station	Regulation under CLM Act not required	-33.88326139	150.865591
EDGECLIFF	BP-branded (former Coles Express) Service Station	73-85A New South Head ROAD	Service Station	Regulation under CLM Act not required	-33.8769602	151.2311617
EDGEWORTH	Caltex Service Station	662 Main ROAD	Service Station	Regulation under CLM Act not required	-32.92566329	151.6278888
EDGEWORTH	Caltex-Woolworths Branded Service Station Edgeworth	738-742 Main ROAD	Service Station	Regulation under CLM Act not required	-32.92455492	151.6202897

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
EMERALD BEACH	Shell Coles Express Woolgoolga Service Station	1850 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-30.16450856	153.1826673
EMERTON	7-Eleven Emerton	135-137 Popondetta ROAD	Service Station	Regulation under CLM Act not required	-33.74463908	150.8102251
EMPIRE BAY	Empire Bay Marina	16B Sorrento ROAD	Other Industry	Regulation being finalised	-33.492429	151.3631
EMU HEIGHTS	7-Eleven Service Station	126 Old Bathurst ROAD	Service Station	Regulation under CLM Act not required	-33.74299098	150.6547098
EMU HEIGHTS	Woolworths Service Station	132 Old Bathurst ROAD	Service Station	Regulation under CLM Act not required	-33.7429739	150.6559655
EMU PLAINS	Woolworths Service Station	283 Great Western HIGHWAY	Service Station	Regulation under CLM Act not required	-33.75371349	150.6530165
ENGADINE	Former Caltex Service Station	995 Old Princes HIGHWAY	Service Station	Regulation under CLM Act not required	-34.06413459	151.0155734
ENGADINE	BP Service Station	1234 Princes HIGHWAY	Service Station	Contamination currently regulated under CLM Act	-34.07735416	151.01121
ENGADINE	BP Branded Service Station	963 Old Princes HIGHWAY	Service Station	Contamination currently regulated under CLM Act	-34.06428454	151.0167121
EPPING	7-Eleven (former Mobil) Service Station	246 Beecroft ROAD	Service Station	Regulation under CLM Act not required	-33.77073552	151.080581
ERINA	Coles Express Service Station Erina	211 The Entrance ROAD	Service Station	Regulation under CLM Act not required	-33.43547804	151.3850522
ERINA	7-Eleven Erina	214 The Entrance ROAD	Service Station	Regulation under CLM Act not required	-33.43494257	151.3879511
ERINA	7-Eleven Service Station	96 The Entrance ROAD	Service Station	Regulation under CLM Act not required	-33.43786868	151.3729331
ERINA	Jaycar Electronics Store	1 Aston ROAD	Other Petroleum	Contamination currently regulated under CLM Act	-33.434878	151.3845431
ERINA	Caltex Service Station	155 The Entrance ROAD	Service Station	Regulation under CLM Act not required	-33.43824871	151.3801096

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
ERMINGTON	Blue Star Ermington	700 Victoria ROAD	Service Station	Regulation under CLM Act not required	-33.80859566	151.0660133
ERMINGTON	Caltex Service Station	562 Victoria ROAD	Service Station	Regulation under CLM Act not required	-33.81392814	151.0547543
ERSKINE PARK	Western Sydney Service Centre	25-55 Templar ROAD	Other Industry	Regulation under CLM Act not required	-33.81897822	150.7937394
ERSKINEVILLE	Redevelopment Site (Former Industrial Park) Erskineville	36/1A Coulson STREET	Other Industry	Regulation under CLM Act not required	-33.90325501	151.1855668
ERSKINEVILLE	Department of Housing	52 John STREET	Other Industry	Regulation under CLM Act not required	-33.8982925	151.1840284
ERSKINEVILLE	RailCorp land	Coulson STREET	Other Industry	Regulation under CLM Act not required	-33.90483899	151.1838804
ERSKINEVILLE	Lot 4/1A Coulson Street	Coulson STREET	Other Industry	Regulation under CLM Act not required	-33.90316549	151.1867963
ERSKINEVILLE	Area B - Public Domain / The Roadway	1A Coulson STREET	Other Petroleum	Regulation under CLM Act not required	-33.90499999	151.1873028
EUABALONG WEST	BP Euabalong West Depot (Reliance Petroleum)	12 Illewong STREET	Other Petroleum	Regulation under CLM Act not required	-33.05720426	146.3946386
EVANS HEAD	Evans Head Aerodrome	Memorial Airport DRIVE	Other Industry	Regulation under CLM Act not required	-29.10389976	153.4216791
EVANS HEAD	Bundjalung National Park	The Gap ROAD	Unclassified	Regulation under CLM Act not required	-29.24433977	153.3626472
EVANS HEAD	Evans Head Residential subdivision	Bounded by Currajong, Woodburn, Carrabeen Streets and Tuckeroo CRESCENT	Unclassified	Regulation under CLM Act not required	-29.1080969	153.4243577
EVELEIGH	Macdonaldtown Triangle	Burren STREET	Gasworks	Contamination being managed via the planning process (EP&A Act)	-33.89803492	151.186059
EVELEIGH	Australian Technology Park	Henderson ROAD	Other Industry	Regulation under CLM Act not required	-33.89634136	151.1944915
FAIRFIELD	Endeavour Energy Fairfield Zone Substation	22 Hedges STREET	Other Industry	Regulation under CLM Act not required	-33.86133019	150.9555899

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
FAIRFIELD EAST	Speedway-Branded Service Station Fairfield	251 The Horsley DRIVE	Service Station	Regulation under CLM Act not required	-33.8711661	150.9630077
FAIRFIELD HEIGHTS	7-Eleven Fairfield Heights	234 Hamilton (Cnr The Boulevard) ROAD	Service Station	Regulation under CLM Act not required	-33.87208474	150.9373134
FAIRY MEADOW	Woolworths Petrol Service Station	47 Princes HIGHWAY	Service Station	Regulation under CLM Act not required	-34.39399705	150.8925369
FAIRY MEADOW	Caltex Fuel Depot and adjoining land	46 Montague STREET	Service Station	Contamination formerly regulated under the CLM Act	-34.40050499	150.8953125
FAIRY MEADOW	Deynal (Seeman)	51-59 Princes HIGHWAY	Service Station	Regulation under CLM Act not required	-34.39437085	150.8924666
FARLEY	Farley Wastewater Treatment Works	Owlpn LANE	Other Industry	Regulation under CLM Act not required	-32.74431314	151.5194217
FASSIFERN	Newstan Colliery	Fassifern ROAD	Other Industry	Regulation under CLM Act not required	-32.97942521	151.5660046
FASSIFERN	Former Arsenic Smelter	Fassifern ROAD	Other Industry	Regulation under CLM Act not required	-32.99649819	151.5618283
FEDERAL	Federal General Store	3-6 Federal DRIVE	Service Station	Contamination formerly regulated under the CLM Act	-28.65190728	153.4552976
FENNELL BAY	Fennell Bay Public School	2 Bay ROAD	Unclassified	Under assessment	-32.991544	151.601637
FERN BAY	Former service station	37 Fullerton (1006 Nelson Bay Road) STREET	Service Station	Regulation under CLM Act not required	-32.87245004	151.7939904
FIVE DOCK	7-Eleven Five Dock Service Station	231-235 Great North ROAD	Service Station	Regulation under CLM Act not required	-33.86488376	151.130002
FIVE DOCK	Caltex Five Dock Service Station	47 Ramsay Road, corner Fairlight STREET	Service Station	Regulation under CLM Act not required	-33.87002804	151.1301835
FORBES	BP (Former Mobil) Depot Forbes	3-15 Union STREET	Other Petroleum	Regulation under CLM Act not required	-33.37751977	148.0101422
FORBES	Former Gasworks	24-26 Union STREET	Gasworks	Contamination currently regulated under CLM Act	-33.37752036	148.0090064

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
FORBES	Woolworths (Former Save on Fuel) Service Station	26 Dowling STREET	Service Station	Regulation under CLM Act not required	-33.38148764	148.0109845
FORBES	BP Service Station Forbes	29 Dowling STREET	Service Station	Regulation under CLM Act not required	-33.38121776	148.0100351
FORBES	Former Shell Depot	Stephen STREET	Other Petroleum	Regulation under CLM Act not required	-33.37704755	148.0103001
FORBES	Caltex Service Station Forbes	Parkes ROAD	Service Station	Regulation under CLM Act not required	-33.36333714	148.0223727
FORESTVILLE	BP Service Station, Forestville	632 Warringah ROAD	Service Station	Contamination currently regulated under CLM Act	-33.75997969	151.2142944
FORESTVILLE	Shell Service Station	667 Warringah ROAD	Service Station	Contamination formerly regulated under the CLM Act	-33.76035336	151.2184929
FORRESTERS BEACH	Caltex Service Station	The Entrance Rd Cnr Bellevue ROAD	Service Station	Regulation under CLM Act not required	-33.40057818	151.4687631
FORSTER	Caltex Service Station	16-18 Lake STREET	Service Station	Regulation under CLM Act not required	-32.18306967	152.5162492
FORSTER	Shell (Kneebone's) Service Station	2-6 The Lakes WAY	Service Station	Regulation under CLM Act not required	-32.1946108	152.5145662
FORSTER	Enhance (Former Mobil) Service Station	86-88 Macintosh STREET	Service Station	Regulation under CLM Act not required	-32.19079468	152.5154847
FREDERICKTON	Former Service station	2-4 Great North ROAD	Service Station	Regulation under CLM Act not required	-31.03513998	152.8794105
FRENCHS FOREST	Former BP Service Station	Russell AVENUE	Service Station	Regulation under CLM Act not required	-33.75018093	151.2245005
FRENCHS FOREST	Former 7-Eleven / Mobil Beacon Hill Service Station, Frenchs Forest	312 Warringah ROAD	Service Station	Regulation under CLM Act not required	-33.75129647	151.2469656
FRESHWATER	Prime Service Station Freshwater	117 Harbord ROAD	Service Station	Regulation under CLM Act not required	-33.77286748	151.2794354
FRESHWATER	Former Dry Cleaners	121 Wyndora AVENUE	Other Industry	Regulation under CLM Act not required	-33.77425321	151.2821553

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
GATESHEAD	7-Eleven Gateshead	13-15 Pacific HIGHWAY	Service Station	Under assessment	-32.987453	151.691898
GEORGETOWN	Former Caltex Service Station	4 Georgetown ROAD	Service Station	Regulation under CLM Act not required	-32.91121105	151.7319693
GERRINGONG	Gerringong Cooperative	18 Belinda STREET	Other Petroleum	Regulation under CLM Act not required	-34.74518835	150.8181054
GILGANDRA	United (Former Mobil) Service Station	13 Castlereagh STREET	Service Station	Regulation under CLM Act not required	-31.71715641	148.6581574
GILGANDRA	Former Mobil Depot	2 Federation STREET	Other Petroleum	Regulation under CLM Act not required	-31.70937362	148.6522102
GILGANDRA	Former Mobil Depot	20 Federation STREET	Other Petroleum	Regulation under CLM Act not required	-31.70771744	148.6514198
GILGANDRA	Caltex Service Station Gilgandra	6425 Newell HIGHWAY	Service Station	Regulation under CLM Act not required	-31.72545524	148.65281
GILLENBAH	Caltex (Former Mobil) Narrandera Service Station	16321 - 16335 Newell HIGHWAY	Service Station	Regulation under CLM Act not required	-34.76124219	146.5398604
GIRRAWEE	Industrial Galvanizers Girraween	20-22 Amax AVENUE	Metal Industry	Regulation being finalised	-33.80500693	150.9396743
GIRRAWEE	Caltex Pendle Hill Service Station Girraween	602 Great Western HIGHWAY	Service Station	Regulation under CLM Act not required	-33.80827518	150.9421511
GLADESVILLE	Caltex Service Station	287-295 Victoria ROAD	Service Station	Regulation under CLM Act not required	-33.8285374	151.1268639
GLADESVILLE	Road Reserve	Pittwater ROAD	Other Industry	Regulation under CLM Act not required	-33.81603924	151.1355085
GLADESVILLE	Caltex Service Station	116 Victoria ROAD	Service Station	Regulation under CLM Act not required	-33.83575319	151.1277863
GLADESVILLE	Glade View Business Park	436-484 Victoria ROAD	Other Industry	Contamination currently regulated under CLM Act	-33.82382382	151.1223941
GLADSTONE	Barbers Auto Port	52-53 Barnard STREET	Service Station	Under assessment	151.691898	152.948223

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
GLEBE	The Hill and Jubilee Embankment	12 Maxwell ROAD	Other Industry	Regulation under CLM Act not required	-33.87573032	151.1776027
GLEN INNES	Ambulance Station	106 Bourke STREET	Unclassified	Regulation under CLM Act not required	-29.73805854	151.7313138
GLEN INNES	Telstra Depot Glen Innes	126 Lambeth STREET	Unclassified	Regulation under CLM Act not required	-29.73565341	151.7278271
GLEN INNES	Caltex Glen Innes Service Station	Meade Street, corner Church STREET	Service Station	Regulation under CLM Act not required	-29.73699014	151.7379335
GLEN INNES	Former Shell Depot	Lambeth STREET	Other Petroleum	Regulation under CLM Act not required	-29.7376309	151.7276309
GLEN INNES	Former Caltex Depot, Glen Innes	Lot 1 DP785636 Lambeth STREET	Other Petroleum	Regulation under CLM Act not required	-29.73525485	151.7279167
GLEN INNES	Council-owned Laneway	Lot 2 Lang STREET	Gasworks	Regulation under CLM Act not required	-29.74385432	151.7323049
GLEN INNES	Caltex Service Station	Cnr Taylor Street & Church STREET	Service Station	Regulation under CLM Act not required	-29.73289036	151.739653
GLEN INNES	Caltex Glen Innes Paddock	9979 New England HIGHWAY	Service Station	Regulation under CLM Act not required	-29.75608853	151.7344106
GLENBROOK	Caltex Service Station Glenbrook	78 Great Western HIGHWAY	Service Station	Regulation under CLM Act not required	-33.76545234	150.6215447
GLENDALE	Coles Express Glendale	593 Main ROAD	Service Station	Regulation under CLM Act not required	-32.92709242	151.637946
GLENDALE	Settlement Pond	65 Glendale DRIVE	Unclassified	Regulation under CLM Act not required	-32.93411399	151.6483695
GLENDALE	Former Service Station	334-342 Lake ROAD	Unclassified	Regulation under CLM Act not required	-32.92775076	151.6433463
GLENDALE	Woolworths Service Station	Stockland DRIVE	Service Station	Regulation under CLM Act not required	-32.93250548	151.6404097
GLENENNING	7-Eleven Plumpton Service Station Glendenning	1 Dublin Street, corner Richmond ROAD	Service Station	Regulation under CLM Act not required	-33.73988232	150.8603323

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
GLENORIE	Caltex Glenorie Service Station	912 Old Northern ROAD	Service Station	Regulation under CLM Act not required	-33.60550946	151.0126731
GLENTHORNE	Caltex Taree Service Station	Manning River DRIVE	Service Station	Regulation under CLM Act not required	-31.94415251	152.4703511
GLOUCESTER	Caltex Service Station	141 Church STREET	Service Station	Regulation under CLM Act not required	-32.01222514	151.9579521
GOOLMANGAR	Goolmangar General Store	851 Nimbin ROAD	Service Station	Regulation under CLM Act not required	-28.74694441	153.225401
GOONELLABAH	Former Invercauld Road Cattle Dip	161 Invercauld ROAD	Cattle Dip	Contamination formerly regulated under the CLM Act	-28.83098216	153.3097337
GOSFORD	United (former Mobil) Depot	Corner Merinee Road and Bowen CRESCENT	Other Petroleum	Regulation under CLM Act not required	-33.41523225	151.3257069
GOULBURN	Former Goulburn Gasworks	1 Blackshaw ROAD	Gasworks	Ongoing maintenance required to manage residual contamination (CLM Act)	-34.75313166	149.725032
GOULBURN	Goulburn Tannery	13 Gibson STREET	Other Industry	Regulation under CLM Act not required	-34.73756525	149.72059
GOULBURN	Caltex Depot	13 Sloane STREET	Other Petroleum	Regulation under CLM Act not required	-34.77423152	149.7088626
GOULBURN	Metro Goulburn Depot	23 Braidwood ROAD	Other Petroleum	Regulation under CLM Act not required	-34.76217302	149.7170897
GOULBURN	Caltex Service Station	72-74 Clinton STREET	Service Station	Regulation under CLM Act not required	-34.75728157	149.7135824
GOULBURN	Caltex Service Station	68 Goldsmith STREET	Service Station	Regulation under CLM Act not required	-34.75054432	149.7192098
GOULBURN	Former Shell Autoport Service Station	Corner Bruce Street and Lagoon STREET	Service Station	Regulation under CLM Act not required	-34.74807885	149.7266246
GOULBURN	Coles Express Service Station	90 Cowper (Corner Clinton Street) STREET	Service Station	Regulation under CLM Act not required	-34.75566648	149.7107831
GOULBURN	Mobil Service Station	129 Lagoon STREET	Service Station	Contamination formerly regulated under the CLM Act	-34.74618793	149.7330484

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
GOULBURN	Caltex Service Station	315 Auburn, corner Bradley STREET	Service Station	Regulation under CLM Act not required	-34.74942293	149.7232692
GOULBURN	Former Mobil Service Station Goulburn	422-426 Auburn STREET	Service Station	Regulation under CLM Act not required	-34.74869879	149.7229392
GOULBURN	Goulburn Roundhouse	12 Braidwood ROAD	Other Industry	Under assessment	151.691898	152.948223
GOULBURN	Goulburn JS Hollingworth & Wheat Siding Yards	Goulburn STREET	Other Industry	Under assessment	-35.084423	149.637919
GOULBURN	Broken Hill Kanandah Road Refuelling Depot	Kanandah ROAD	Service Station	Under assessment	-31.985103	141.428139
GRAFTON	Former General Store and Service Station Grafton	161 Turf STREET	Service Station	Regulation under CLM Act not required	-29.67412811	152.9336609
GRAFTON	Lowes Petroleum (BP-Branded) Depot, Grafton	13 Orara STREET	Other Petroleum	Regulation under CLM Act not required	-29.67016421	152.918161
GRAFTON	Former Shell Depot	2 Milton STREET	Other Petroleum	Regulation under CLM Act not required	-29.67723019	152.9205374
GRAFTON	Grafton Works Depot	26-28 Bruce STREET	Other Petroleum	Regulation under CLM Act not required	-29.67975507	152.9249357
GRAFTON	Former BP Service Station (Reliance Petroleum)	202 Queen STREET	Service Station	Regulation under CLM Act not required	-29.67645469	152.9423977
GRAFTON	Woolworths Petrol	75 - 77 Fitzroy Street Cnr of Duke STREET	Service Station	Regulation under CLM Act not required	-29.69221713	152.9343562
GRAFTON	Caltex Service Station	Corner Villiers St and Fitzroy STREET	Service Station	Regulation under CLM Act not required	-29.69296308	152.9366431
GRAFTON	BP Service Station (Reliance Petroleum)	14 Villiers (Cnr Fitzroy) STREET	Service Station	Regulation under CLM Act not required	-29.69345456	152.9373123
GRAFTON	Former Mobil Depot Grafton	2-16 Bruce STREET	Other Petroleum	Regulation under CLM Act not required	-29.68093591	152.9231289
GRAFTON	Caltex Service Station	179 Prince STREET	Service Station	Regulation under CLM Act not required	-29.68600117	152.9371093

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
GRANVILLE	Caltex Service Station	144 Parramatta ROAD	Service Station	Regulation under CLM Act not required	-33.83039605	151.0109216
GRANVILLE	Australand	15-17 Berry STREET	Other Industry	Regulation under CLM Act not required	-33.83600073	151.0211988
GRANVILLE	Woolworths Service Station Granville	158 Clyde STREET	Service Station	Regulation under CLM Act not required	-33.84623338	151.0124885
GRANVILLE	Commercial Property	2B Factory STREET	Other Industry	Ongoing maintenance required to manage residual contamination (CLM Act)	-33.84173556	151.0165687
GRANVILLE	Old Granville Depot	23 Elizabeth STREET	Unclassified	Regulation under CLM Act not required	-33.83765925	151.008528
GRANVILLE	7-Eleven Service Station	154-160 Parramatta ROAD	Service Station	Regulation under CLM Act not required	-33.83022685	151.0101322
GRANVILLE	A'Becketts Creek	Albert STREET	Unclassified	Contamination currently regulated under POEO Act	-33.82735776	151.0112255
GREEN POINT	7-Eleven Green Point	388-390 Avoca DRIVE	Service Station	Under assessment	-33.4623258	151.3627093
GREENACRE	Former Plating Works	12 Claremont STREET	Unclassified	Regulation under CLM Act not required	-33.89992254	151.0386128
GREENACRE	7-Eleven (former Mobil) Service Station	301-305 Hume HIGHWAY	Service Station	Regulation under CLM Act not required	-33.90524488	151.0419971
GREENACRE	Caltex Service Station	87 - 91 Roberts ROAD	Service Station	Regulation under CLM Act not required	-33.90461089	151.0648581
GREENACRE	Coles Greenacre	13-19 Boronia ROAD	Other Industry	Regulation under CLM Act not required	-33.9061123	151.0561759
GREENWICH	Gore Creek Reserve - Drainage Line	St Vincents ROAD	Other Industry	Regulation under CLM Act not required	-33.82888693	151.1819101
GRENFELL	Former SRA Fuel Depot	Grafton STREET	Other Petroleum	Regulation under CLM Act not required	-33.89351237	148.1560188
GRENFELL	Grenfell Gasworks	Corner Gooloogong Road & Bourke STREET	Gasworks	Regulation under CLM Act not required	-33.89006016	148.1615443

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
GRETA	Coles Express Greta	122 New England HIGHWAY	Service Station	Regulation under CLM Act not required	-32.67656357	151.3872818
GRETA	redevelopment site	112-114 High STREET	Other Industry	Regulation under CLM Act not required	-32.67706709	151.3876682
GRETA	Former landfill	Hollingshed ROAD	Landfill	Regulation under CLM Act not required	-32.66705287	151.3923474
GREYSTANES	Metro Branded (former Mobil) Service Station	73 Ettalong ROAD	Service Station	Regulation under CLM Act not required	-33.81822648	150.9513946
GRIFFITH	Liberty Depot (former Shell CVRO) Griffith	6-10 Mackay AVENUE	Other Petroleum	Regulation under CLM Act not required	-34.2910045	146.063824
GRIFFITH	Former Murrumbidgee Irrigation Depot	55-77 Banna AVENUE	Other Industry	Regulation under CLM Act not required	-34.28858242	146.0567509
GRIFFITH	Mobil Depot - Griffith Airport	Off Remembrance DRIVE	Other Petroleum	Regulation under CLM Act not required	-34.25618872	146.0620449
GRIFFITH	Former Ampol Depot	32-34 Mackay AVENUE	Other Petroleum	Regulation under CLM Act not required	-34.2933331	146.0679503
GRIFFITH	Caltex Service Station and Depot	2-4 Mackay AVENUE	Service Station	Regulation under CLM Act not required	-34.2908766	146.0630815
GRIFFITH	Former Landmark Fertiliser Storage Facility	2-8 Jensen ROAD	Chemical Industry	Regulation under CLM Act not required	-34.29365599	146.0536413
GRIFFITH	Belford Petroleum (former Mobil) Depot	30 Banna AVENUE	Service Station	Regulation under CLM Act not required	-34.29042827	146.0595497
GRIFFITH	Former BP Service Station (Reliance Petroleum)	81 Banna AVENUE	Service Station	Regulation under CLM Act not required	-34.28851251	146.0540815
GUILDFORD	7-Eleven Service Station Guildford West	176 Fowler ROAD	Service Station	Regulation under CLM Act not required	-33.85149493	150.9722491
GULGONG	Lowes Petroleum (former BP) Depot Gulgong	6 Railway STREET	Other Petroleum	Regulation under CLM Act not required	-32.35950625	149.5461499
GULGONG	The Oval Site	Queen STREET	Unclassified	Regulation under CLM Act not required	-32.36169815	149.531075

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
GULMARRAD	BP Service Station Maclean	3976 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-29.48537407	153.2004311
GUMLY GUMLY	Caltex Service Station	3723 Sturt HIGHWAY	Service Station	Regulation under CLM Act not required	-35.13590309	147.4424551
GUMLY GUMLY	Brick Kiln Reserve	Eunony Bridge ROAD	Landfill	Regulation under CLM Act not required	-35.12098411	147.4196309
GUNDAGAI	Former Mobil Depot	98 Mount STREET	Other Petroleum	Regulation under CLM Act not required	-35.08206783	148.096221
GUNNEDAH	Ampol Australia Petroleum Pty Ltd (previously Caltex Australia)	21 Abbott STREET	Service Station	Regulation under CLM Act not required	-30.98021001	150.2561856
GUNNEDAH	Former Shell Depot Gunnedah	85-89 Barber STREET	Other Petroleum	Regulation under CLM Act not required	-30.97949284	150.2507401
GUNNEDAH	Mobil Gunnedah Depot	16-24 Wentworth STREET	Other Petroleum	Regulation under CLM Act not required	-30.98428725	150.260609
GUNNEDAH	BP Depot Gunnedah	103 Mathias ROAD	Other Petroleum	Contamination currently regulated under CLM Act	-30.96665001	150.2326526
GUNNEDAH	BP Service Station	Corner Conadilly Street & Henry STREET	Service Station	Contamination formerly regulated under the CLM Act	-30.98116266	150.2583066
GUNNEDAH	Mobil Service Station	341 Conadilly STREET	Service Station	Contamination formerly regulated under the CLM Act	-30.9807394	150.2578428
GUNNEDAH	Property NSW Site	35-37 Abbott STREET	Other Petroleum	Regulation under CLM Act not required	-30.9789841	150.25737
GUNNEDAH	Former Telstra Line Depot	81 Barber STREET	Other Petroleum	Regulation under CLM Act not required	-30.97933809	150.2503121
GUNNEDAH	Adjacent to Service Station	Intersection of Henry Street and Conadilly STREET	Service Station	Contamination formerly regulated under the CLM Act	-30.98072588	150.2582802
GUNNEDAH	Former Caltex Depot	61 Railway AVENUE	Other Petroleum	Contamination formerly regulated under the CLM Act	-30.97953242	150.2494457
GUNNING	Gunning Motors	56 Yass STREET	Service Station	Regulation under CLM Act not required	-34.78159326	149.2684791

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
GUYRA	Guyra Fourways Service Centre	87-89 Bradley STREET	Service Station	Regulation under CLM Act not required	-30.21728173	151.6722825
GUYRA	Caltex-branded Service Station	4352 New England HIGHWAY	Service Station	Regulation under CLM Act not required	-30.20601937	151.6757291
GUYRA	StateRail land leased to Incitec	Starr ROAD	Other Industry	Regulation under CLM Act not required	-30.23157011	151.6707135
GWANDALAN	Metro Petroleum Gwandalan (Formerly Gwandalan Auto Care)	47 Orana ROAD	Service Station	Regulation under CLM Act not required	-33.13632941	151.5813396
GWANDALAN	Former Gwandalan Landfill	Kanangra DRIVE	Landfill	Regulation under CLM Act not required	-33.17497722	151.5917107
GYMEA	7-Eleven (former Mobil) Gynea Service Station	110 Gynea Bay ROAD	Service Station	Regulation under CLM Act not required	-34.03745848	151.0848547
GYMEA	Coles Express Kirrawee	470 Princes (Cnr The Boulevard) HIGHWAY	Service Station	Contamination currently regulated under CLM Act	-34.02735302	151.0845079
GYMEA	Former Shell Service Station Gynea	Gynea Bay ROAD	Service Station	Regulation under CLM Act not required	-34.04129676	151.0841328
HABERFIELD	7-Eleven Haberfield	25-35 Parramatta ROAD	Service Station	Contamination currently regulated under CLM Act	-33.88794591	151.14287
HALEKULANI	Former Halekulani Landfill	Macleay DRIVE	Landfill	Regulation under CLM Act not required	-33.21446301	151.5527625
HAMILTON	SRA Land	10 Maitland ROAD	Unclassified	Regulation under CLM Act not required	-32.91994358	151.7512417
HAMILTON	Taxi Services	116 Tudor STREET	Service Station	Contamination formerly regulated under the CLM Act	-32.92351606	151.7454742
HAMILTON	Caltex Hamilton	59-63 Tudor STREET	Service Station	Regulation under CLM Act not required	-32.92498593	151.7509313
HAMILTON	Newcastle Toyota	65 Tudor STREET	Other Petroleum	Regulation under CLM Act not required	-32.925171	151.7504048
HAMILTON	Hamilton Bus Depot	Cnr Denison Street and Gordon AVENUE	Other Petroleum	Regulation under CLM Act not required	-32.92687413	151.7501743

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
HAMILTON NORTH	Shell Newcastle Terminal	5 Chatham ROAD	Other Petroleum	Contamination currently regulated under CLM Act	-32.91630469	151.7408712
HAMILTON NORTH	Former Black and Decker Site	56 Clyde STREET	Metal Industry	Contamination currently regulated under CLM Act	-32.91080413	151.7358236
HAMILTON NORTH	Hamilton Gasworks	1 Chatham ROAD	Gasworks	Contamination currently regulated under CLM Act	-32.91362741	151.7406241
HAMILTON NORTH	Former ELMA Site	54 Clyde STREET	Other Industry	Contamination currently regulated under CLM Act	-32.91145768	151.7367691
HARDEN	SRA Site	31 Aurvill ROAD	Unclassified	Regulation under CLM Act not required	-34.54998656	148.3689577
HARDEN	SRA Site	51 Whitton LANE	Unclassified	Contamination formerly regulated under the CLM Act	-34.55396035	148.3713349
HARDEN	South West Fuel Harden	294 Albury STREET	Service Station	Regulation under CLM Act not required	-34.55007021	148.3513821
HAROLDS CROSS	Lot 59, Vernelly Road, Harolds Cross NSW 2622	Lot 59, Vernelly ROAD	Other Industry	Regulation under CLM Act not required	-35.548621	149.604441
HARRIS PARK	Dalley Street Reserve	2A Dalley STREET	Other Industry	Regulation under CLM Act not required	-33.82749123	151.0097539
HARTLEY VALE	Former Shale Oil Refinery	Lot 52 Hartley Vale ROAD	Unclassified	Contamination currently regulated under CLM Act	-33.52766912	150.2417878
HASTINGS POINT	Coles Express Hastings Point	99 Tweed Coast ROAD	Service Station	Regulation under CLM Act not required	-28.36914103	153.5725676
HAY	SRA Land	429, 431, 435, 437 & 439 Murray STREET	Other Industry	Regulation under CLM Act not required	-34.49965611	144.840976
HAY	SRA Land	443 Murray STREET	Other Industry	Contamination formerly regulated under the CLM Act	-34.49966753	144.8410778
HAY	Former Shell Hay Depot	391 Murray STREET	Other Petroleum	Regulation under CLM Act not required	-34.50028195	144.8463999
HAY	Former Mobil Depot Hay	397-399 Murray STREET	Other Petroleum	Regulation under CLM Act not required	-34.50019184	144.8456578

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
HAY SOUTH	Caltex Service Station	429-431 Moama STREET	Service Station	Regulation under CLM Act not required	-34.52001427	144.8380121
HAZELBROOK	Caltex Service Station Hazelbrook	198 Great Western HIGHWAY	Service Station	Regulation under CLM Act not required	-33.72106175	150.4520976
HEATHCOTE	Caltex Service Station	1344 Princes HIGHWAY	Service Station	Regulation under CLM Act not required	-34.08841066	151.0072048
HEATHCOTE	Caltex Service Station	1403 Princes HIGHWAY	Service Station	Regulation under CLM Act not required	-34.09059834	151.003752
HEATHCOTE	Shell Coles Express Service Station	1355 Princes HIGHWAY	Service Station	Regulation under CLM Act not required	-34.08780042	151.0069741
HEATHERBRAE	Bogas (Former Caltex) Service Station	3 Speedy Lock LANE	Service Station	Regulation under CLM Act not required	-32.78057822	151.7372135
HEATHERBRAE	Shell Coles Express Motto Farm Service Station	2137 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-32.79835449	151.7176284
HEXHAM	QR National - Hexham Precinct	179 & 3/67 Maitland ROAD	Other Industry	Regulation under CLM Act not required	-32.83474038	151.6821895
HEXHAM	Caltex Diesel Stop	360 Maitland ROAD	Service Station	Regulation under CLM Act not required	-32.82844873	151.6851063
HEXHAM	Cummins Newcastle Facility Hexham	21 Galleghan STREET	Other Industry	Regulation under CLM Act not required	-32.83186739	151.686709
HEXHAM	BP Service Station (Reliance Petroleum)	Corner Pacific Highway and Old Maitland ROAD	Service Station	Regulation under CLM Act not required	-32.82756403	151.6846929
HEXHAM	Former Forgacs Site	21 Sparke STREET	Chemical Industry	Contamination currently regulated under CLM Act	-32.85464558	151.6988053
HEXHAM	Caltex-Bogas Warehouse	239 Old Maitland ROAD	Service Station	Regulation under CLM Act not required	-32.82899942	151.6861849
HEXHAM	Industrial Galvanizers	312 Pacific HIGHWAY	Metal Industry	Contamination currently regulated under POEO Act	-32.83457186	151.6884941
HEXHAM	14 Sparke St Hexham	14 Sparke STREET	Metal Industry	Under assessment	-32.85394328	151.6960863

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
HILLSTON	Former BP Depot Hillston	141-143 Cowper STREET	Other Petroleum	Regulation under CLM Act not required	-33.48823546	145.5381623
HOLBROOK	Caltex Truckstop	Hume HIGHWAY	Service Station	Regulation under CLM Act not required	-35.71332625	147.3207237
HOME BUSH	Ausgrid Mason Park Substation	1 Underwood ROAD	Other Industry	Regulation under CLM Act not required	-33.85674677	151.0747044
HOME BUSH BAY	SUEZ Waste Recycling Centre (WRC) and Cleanaway Liquid Waste Treatment Plant (LWTP)	Corner Pondage Link and Hill ROAD	Landfill	Regulation under CLM Act not required	-33.84359299	151.0593656
HOME BUSH WEST	Caltex Service Station Homebush West	334-336 Parramatta ROAD	Service Station	Regulation under CLM Act not required	-33.8581543	151.0681261
HOME BUSH WEST	Former Ford Landfill and Adjacent Land	22 Mandemar AVENUE	Landfill	Regulation under CLM Act not required	-33.86142424	151.0625556
HORNSBY	Midas Car Care Centre Hornsby	2A Linda STREET	Other Industry	Regulation under CLM Act not required	-33.70052215	151.1004786
HORNSBY	Coles Express Hornsby	194- 206 Pacific HIGHWAY	Service Station	Contamination currently regulated under CLM Act	-33.7071993	151.0991452
HORNSBY	Hornsby Train Maintenance Centre	1B Stephen STREET	Other Industry	Regulation under CLM Act not required	-33.69370022	151.1035939
HOXTON PARK	Endeavour Energy Hoxton Park	490 Hoxton Park ROAD	Other Industry	Regulation under CLM Act not required	-33.92766437	150.8689069
HUNTERS HILL	Coles Express Hunters Hill	4 Ryde ROAD	Service Station	Regulation under CLM Act not required	-33.8317985	151.141655
HUNTERS HILL	Foreshore Land	Rear of 7, 9 & 11 Nelson PARADE	Other Industry	Contamination currently regulated under CLM Act	-33.84248362	151.1649249
HUNTERS HILL	7, 9 and 11 Nelson Parade Hunters Hill	7, 9 and 11 Nelson PARADE	Other Industry	Regulation under CLM Act not required	-33.84220148	151.1649724
HURLSTONE PARK	Former Telstra Depot	82 Canterbury ROAD	Service Station	Regulation under CLM Act not required	-33.90803171	151.1258121
HURLSTONE PARK	Former Speedway Petroleum Service Station	610 - 618 New Canterbury ROAD	Service Station	Contamination formerly regulated under the CLM Act	-33.90541228	151.1322009

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
HURLSTONE PARK	7-Eleven Hurlstone Park	670 New Canterbury ROAD	Service Station	Regulation under CLM Act not required	-33.90510388	151.1299825
HURSTVILLE GROVE	Moore Reserve	Morshhead DRIVE	Landfill	Contamination currently regulated under CLM Act	-33.97920603	151.0873578
INGLEBURN	7-Eleven Ingleburn	72 Cumberland Road, corner Oxford ROAD	Service Station	Regulation under CLM Act not required	-34.00041505	150.8679742
INVERELL	Former Shell Depot	25 Edward STREET	Other Petroleum	Regulation under CLM Act not required	-29.76151684	151.1182033
INVERELL	Former Service Station	20 Oliver STREET	Service Station	Regulation under CLM Act not required	-29.77229743	151.1152692
INVERELL	Former Caltex Depot Inverell	4 Edward STREET	Service Station	Regulation under CLM Act not required	-29.76123104	151.1147983
INVERELL	Former Mobil Inverell Depot	29-33 Edward STREET	Other Petroleum	Regulation under CLM Act not required	-29.76135322	151.1171412
INVERELL	Caltex Service Station	55-59 Ring STREET	Service Station	Regulation under CLM Act not required	-29.76204512	151.1141737
INVERELL	Former Mobil Service Station	Corner Otho Street and Henderson STREET	Service Station	Regulation under CLM Act not required	-29.7786926	151.1149921
INVERELL	Former Caltex Service Station	141 Otho STREET	Service Station	Regulation under CLM Act not required	-29.77819403	151.1145699
ISLINGTON	Caltex Service Station	240 Maitland ROAD	Service Station	Regulation under CLM Act not required	-32.91138644	151.7457701
ISLINGTON	Shell Pipeline Easement (vacant land)	24 Fern STREET	Other Petroleum	Regulation under CLM Act not required	-32.91706254	151.7473809
JAMISONTOWN	BP Service Station Jamisontown	124 - 128 Mulgoa ROAD	Service Station	Regulation under CLM Act not required	-33.76978323	150.6764977
JAMISONTOWN	Former Caltex Jamisontown	229-231 Mulgoa ROAD	Service Station	Regulation under CLM Act not required	-33.76661447	150.6784735
JAMISONTOWN	7-Eleven Service Station	92 Mulgoa ROAD	Service Station	Contamination currently regulated under CLM Act	-33.7667231	150.6796488

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
JANNALI	Former Mobil Service Station	121 Georges River ROAD	Service Station	Regulation under CLM Act not required	-34.01614613	151.0681921
JANNALI	Former IGA	541 Box ROAD	Other Industry	Regulation under CLM Act not required	-34.01602134	151.0660384
JENNINGS	Jennings Former Arsenic Poison Factory	Duke Street, Manor Street, and Ballandean STREET	Chemical Industry	Contamination currently regulated under CLM Act	-28.929342	151.9298622
JENNINGS	United Jennings Service Station	1823 New England HIGHWAY	Service Station	Regulation under CLM Act not required	-28.9323235	151.9260334
JESMOND	Caltex Service Station	27 Bluegum ROAD	Service Station	Regulation under CLM Act not required	-32.9029287	151.691164
JINDABYNE	BP Service Station (Reliance Petroleum)	8 Kosciuszko ROAD	Service Station	Regulation under CLM Act not required	-36.41478692	148.6178882
JINDABYNE	Caltex Service Station	50 Kosciuszko ROAD	Service Station	Regulation under CLM Act not required	-36.41395847	148.6225113
JINGELLIC	Former Jingellic School	3179 River ROAD	Other Industry	Regulation under CLM Act not required	-35.92649487	147.7010655
JUNEE	Subdivision Proposal	5858 Gundagai ROAD	Unclassified	Regulation under CLM Act not required	-34.87783587	147.6067578
JUNEE	United Junee Service Station	No. 118-134 BROADWAY	Service Station	Regulation under CLM Act not required	-34.86808328	147.5834883
JUNEE	Junee Railway Workshops	92 Harold STREET	Other Industry	Under assessment	-34.883768	147.579525
KANAHOOKA	Former Dapto Smelter Site, Kanahooka (redeveloped)	Off Kanahooka ROAD	Metal Industry	Regulation under CLM Act not required	-34.4941348	150.8224482
KANDOS	Cement Australia Kandos Cement Works	1 Jamison STREET	Other Industry	Regulation under CLM Act not required	-32.86399912	149.9779259
KANWAL	Kanwal General Store and Fuel Supplies and Adjacent Land	68 and part of 70 Craigie AVENUE	Service Station	Contamination currently regulated under CLM Act	-33.26310031	151.4817395
KANWAL	Former Bus and Truck Rental Yard	645-647 Pacific Highway HIGHWAY	Other Petroleum	Regulation under CLM Act not required	-33.26233802	151.4825469

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
KARIONG	Coles Express Kariong	6 Central Coast HIGHWAY	Service Station	Regulation under CLM Act not required	-33.43443192	151.2963401
KARIONG	Caltex Service Station	Lot 2 Langford DRIVE	Service Station	Regulation under CLM Act not required	-33.43934827	151.2935447
KARUAH	BP Roadhouse Karuah	403 Tarean ROAD	Service Station	Regulation under CLM Act not required	-32.65371781	151.9629963
KATOOMBA	Aldi Stores	201 Katoomba STREET	Service Station	Regulation under CLM Act not required	-33.71756625	150.3101649
KATOOMBA	Former Katoomba/Leura Gasworks	Megalong STREET	Gasworks	Contamination currently regulated under CLM Act	-33.71304308	150.3194624
KELLYVILLE	Caltex Service Station	3-5 Windsor ROAD	Service Station	Regulation under CLM Act not required	-33.71436125	150.9602175
KELLYVILLE	BP Service Station Kellyville	19-23 Windsor ROAD	Service Station	Regulation under CLM Act not required	-33.71280997	150.9590756
KELSO	Caltex Service Station Kelso	19 Sydney ROAD	Service Station	Regulation under CLM Act not required	-33.41904247	149.6023985
KELSO	BP Service Station (Reliance Petroleum)	63 Sydney ROAD	Service Station	Regulation under CLM Act not required	-33.41925328	149.6076677
KELSO	23 Zagreb Street, Kelso NSW	23 Zagreb STREET	Other Industry	Under assessment	-33.427135	149.609708
KEMBLA GRANGE	ShawCor Australia	66 West Dapto ROAD	Other Petroleum	Regulation under CLM Act not required	-34.46875328	150.8106326
KEMBLAWARRA	Griffins Bay, Lake Illawarra	Shellharbour ROAD	Landfill	Regulation under CLM Act not required	-34.49653984	150.8943776
KEMPS CREEK	Caltex-branded Service Station	1163 Mamre ROAD	Service Station	Regulation under CLM Act not required	-33.86972102	150.7966074
KEMPSEY	Kempsey Showground	19 Sea STREET	Unclassified	Contamination being managed via the planning process (EP&A Act)	-31.07334836	152.8308795
KEMPSEY	Former Shell Depot	43-51 Gladstone STREET	Other Petroleum	Regulation under CLM Act not required	-31.07500944	152.8346699

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
KEMPSEY	Former Mobil Depot	14 Hopetoun STREET	Other Petroleum	Regulation under CLM Act not required	-31.07603107	152.8350132
KEMPSEY	Shell Coles Express Service Station Kempsey	165 Smith STREET	Service Station	Regulation under CLM Act not required	-31.07036743	152.8461571
KEMPSEY	Mobil Depot	154 Belgrave STREET	Service Station	Regulation under CLM Act not required	-31.07965043	152.8326303
KEMPSEY	Liberty (Former Mobil) Service Station	108-112 Smith STREET	Service Station	Regulation under CLM Act not required	-31.07492508	152.8431945
KENSINGTON	7-Eleven Kensington	135 Anzac PARADE	Service Station	Regulation under CLM Act not required	-33.91035885	151.2228537
KENSINGTON	Former Ampol Service Station	76-82 Anzac PARADE	Service Station	Regulation under CLM Act not required	-33.9059246	151.2242891
KENSINGTON	Footpath adjacent to 10-20 Anzac Parade	10-20 Anzac PARADE	Service Station	Regulation under CLM Act not required	-33.9032124	151.2237836
KENSINGTON	Caltex Service Station	211-213 Anzac PARADE	Service Station	Regulation under CLM Act not required	-33.91460752	151.2251266
KENTHURST	Vacant Land	259 McClymonts ROAD	Unclassified	Regulation under CLM Act not required	-33.61283529	150.9425303
KHANCOBAN	Khancoban Tip	Alpine WAY	Landfill	Regulation under CLM Act not required	-36.21994191	148.1542718
KIAMA	Former Gasworks	105 to 109 and 113 Shoalhaven STREET	Gasworks	Regulation under CLM Act not required	-34.67416881	150.8504143
KIAMA HEIGHTS	Former Mobil Service Station Kiama	7-9 South Kiama DRIVE	Service Station	Regulation under CLM Act not required	-34.69553931	150.8437977
KILLARA	7-Eleven Service Station (Former Mobil)	496 Pacific HIGHWAY	Service Station	Contamination currently regulated under CLM Act	-33.77146554	151.1606903
KILLARA	Former Caltex Service Station	692B-694 Pacific HIGHWAY	Service Station	Contamination formerly regulated under the CLM Act	-33.76306802	151.1550109
KILLARA	Killara Garage	544 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-33.76974164	151.1599696

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
KILLARA	Former BP Service Station Lindfield	478 Pacific HIGHWAY	Service Station	Contamination currently regulated under CLM Act	-33.7719298	151.1613874
KILLARA	Land Adjacent to Former Service Station Site	684-684a, 690, 692 and 696 Pacific HIGHWAY	Service Station	Contamination formerly regulated under the CLM Act	-33.7631019	151.1548963
KINCUMBER	Frost Reserve	Avoca DRIVE	Landfill	Contamination currently regulated under CLM Act	-33.47065695	151.3909044
KINGS PARK	Multi-Fill	14 Garling ROAD	Chemical Industry	Under assessment	-33.74478046	150.9111964
KINGS PARK	Former Dow Corning Factory	21 Tattersall ROAD	Chemical Industry	Contamination formerly regulated under the CLM Act	-33.75012653	150.9138477
KINGSFORD	Caltex Service Station	603-611 Anzac PARADE	Service Station	Regulation under CLM Act not required	-33.93435787	151.2371198
KINGSFORD	Coles Express Service Station Kingsford	58 Gardeners ROAD	Service Station	Regulation under CLM Act not required	-33.9250054	151.2257601
KINGSGROVE	Shell Coles Express Service Station	137 Kingsgrove ROAD	Service Station	Regulation under CLM Act not required	-33.93276948	151.099026
KINGSGROVE	Caltex Kingsgrove	351-357 Stoney Creek ROAD	Service Station	Regulation under CLM Act not required	-33.95132175	151.0926872
KINGSGROVE	State Transit Authority Depot	17-23 Richland STREET	Other Petroleum	Regulation under CLM Act not required	-33.93646086	151.0973617
KIRRAWEE	Ingal Civil Products	127-141 Bath ROAD	Metal Industry	Regulation under CLM Act not required	-34.03029516	151.0754469
KIRRAWEE	7-Eleven (former Mobil) Service Station	542-546 Princes HIGHWAY	Service Station	Regulation under CLM Act not required	-34.03238179	151.0758071
KIRRAWEE	Caltex-branded Kirrawee Service Station	(1-3 Waratah Street) 487 Princes HIGHWAY	Service Station	Regulation under CLM Act not required	-34.02915971	151.0808279
KOGARAH	Scarborough Park South	184R Production AVENUE	Landfill	Regulation being finalised	-33.97922253	151.140276
KOGARAH	Caltex Service Station	29 President AVENUE	Service Station	Regulation under CLM Act not required	-33.96516866	151.141145

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KOGARAH	Former 7-Eleven Kogarah	734 Princes HIGHWAY	Service Station	Contamination currently regulated under CLM Act	-33.96406472	151.1376011
KOGARAH	Woolworths Petrol Service Station	69 Princes HIGHWAY	Service Station	Regulation under CLM Act not required	-33.96330397	151.1371182
KOOLKHAN	Former Koolkhan Power Station	Summerland WAY	Other Industry	Regulation under CLM Act not required	-29.61688704	152.9300645
KOORAGANG	NPC, berths 2 and 3	Heron ROAD	Metal Industry	Regulation under CLM Act not required	-32.89260063	151.7742527
KOORAGANG	Kooragang Island Waste Facility	Off Cormorant ROAD	Metal Industry	Contamination currently regulated under POEO Act	-32.86901125	151.7377773
KOORAGANG	Orica Kooragang Island	15 Greenleaf ROAD	Chemical Industry	Contamination currently regulated under CLM Act	-32.89654619	151.7771372
KOORAGANG	Former Boral Timber Export Facility	16 Heron ROAD	Other Industry	Regulation under CLM Act not required	-32.89710295	151.7739966
KOORAGANG	Cleanaway Technical Services	19 Egret STREET	Other Industry	Regulation under CLM Act not required	-32.8812145	151.766282
KOORAGANG	Industrial Facility	39 Heron ROAD	Chemical Industry	Under assessment	-32.89106439	151.7784064
KOORAGANG	Vacant Land	Raven Street and Cormorant ROAD	Unclassified	Regulation under CLM Act not required	-32.88410199	151.7701334
KOORAGANG	Linx Logistics	240 Cormorant ROAD	Other Industry	Regulation under CLM Act not required	-32.87480951	151.7757352
KOORINGAL	Former Shell Wagga Depot	11-15 Lake Albert ROAD	Other Petroleum	Regulation under CLM Act not required	-35.12273113	147.3786005
KOORINGAL	Caltex Service Station	265-267 Lake Albert ROAD	Service Station	Regulation under CLM Act not required	-35.14078443	147.3755442
KOORINGAL	Caltex-branded (former Mobil) Service Station	24 Lake Albert ROAD	Service Station	Regulation under CLM Act not required	-35.12239591	147.3769936
KOSCIUSZKO	Smiggin Holes Snow Clearing Shed	Link ROAD	Landfill	Regulation under CLM Act not required	-36.39098211	148.4304981

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KOSCIUSZKO	Khancoban Spoil Dump	Alpine WAY	Landfill	Regulation under CLM Act not required	-36.21982803	148.1527401
KOSCIUSZKO	Sawpit Creek landfill	13km from Jindabyne, off Kosciuszko ROAD	Landfill	Regulation under CLM Act not required	-36.34858097	148.5673374
KURMOND	BP Service Station	501 Bells Line of road ROAD	Service Station	Contamination formerly regulated under the CLM Act	-33.55099195	150.6912536
KURNELL	Former Phillips Imperial Chemicals site	260 Captain Cook DRIVE	Chemical Industry	Regulation under CLM Act not required	-34.02493837	151.1952149
KURNELL	Caltex Kurnell Terminal (refer also to ID23868)	2 Solander STREET	Other Petroleum	Contamination currently regulated under POEO Act	-34.0175214	151.2159572
KURNELL	Abbott Australasia	Captain Cook DRIVE	Chemical Industry	Contamination formerly regulated under the CLM Act	-34.02339937	151.19921
KURNELL	Former Caltex Kurnell Service Station	Corner Captain Cook Drive and Solander STREET	Service Station	Regulation under CLM Act not required	-34.01269846	151.2094347
KURRI KURRI	United Petroleum Service Station Kurri Kurri	279-281 Lang STREET	Service Station	Contamination formerly regulated under the CLM Act	-32.82047175	151.477646
KURRI KURRI	Kurri Kurri Smelter	Hart ROAD	Metal Industry	Regulation under CLM Act not required	-32.7873063	151.4828827
KYOGLE	Caltex Service Station	22-24 Summerland WAY	Service Station	Regulation under CLM Act not required	-28.61806766	153.003862
LAKE HAVEN	Caltex Service Station	Goobarabah Ave Cnr Gorokan DRIVE	Service Station	Regulation under CLM Act not required	-33.24337276	151.5065335
LAKEMBA	Former Lakemba Police Station	59 Quigg STREET	Unclassified	Regulation under CLM Act not required	-33.92199239	151.079412
LAKEMBA	Caltex Service Station - Corner Punchbowl Rd and Wangee Rd	81 Wangee ROAD	Service Station	Regulation under CLM Act not required	-33.91153044	151.073306
LAKEMBA	Caltex Service Station	961-967 Canterbury ROAD	Service Station	Regulation under CLM Act not required	-33.92671102	151.0814905
LAMBTON	Caltex Service Station	422 Newcastle ROAD	Service Station	Regulation under CLM Act not required	-32.9095592	151.7109684

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
LAMBTON	4-26 Verulam Road, Lambton NSW 2299	4-26 Verulam ROAD	Metal Industry	Under assessment	-32.91130954	151.7170534
LANE COVE	7-Eleven Service Station	203 Burns Bay ROAD	Service Station	Regulation under CLM Act not required	-33.81458334	151.1543844
LANE COVE	BP-branded Jasbe Service Station	62-70 Epping ROAD	Service Station	Regulation under CLM Act not required	-33.81108427	151.1641531
LANE COVE	Pacific Power	Sirius ROAD	Other Industry	Ongoing maintenance required to manage residual contamination (CLM Act)	-33.80701776	151.1449658
LANE COVE	Coles Express Service Station Burns Bay	254 Burns Bay ROAD	Service Station	Regulation under CLM Act not required	-33.81719214	151.1518774
LANE COVE	331-335 Burns Bay Road, Lane Cove NSW 2066	331 and 333 - 335 Burns Bay ROAD	Other Industry	Contamination currently regulated under CLM Act	-33.8211575	151.1493074
LANE COVE	315-317 Burns Bay Road, Lane Cove	315-317 Burns Bay ROAD	Unclassified	Under preliminary investigation order	-33.82065224	151.1496027
LANE COVE NORTH	Former Caltex Service Station	428-432 Mowbray ROAD	Service Station	Regulation under CLM Act not required	-33.80804563	151.1721538
LANE COVE NORTH	BP Artarmon Service Station, Lane Cove North	432 Pacific HIGHWAY	Service Station	Contamination currently regulated under CLM Act	-33.8112038	151.175547
LANE COVE WEST	Caltex Lane Cove West	235-245 Burns Bay ROAD	Service Station	Regulation under CLM Act not required	-33.81719214	151.1518774
LANE COVE WEST	Ventemans Reach Bushland	Off Mars ROAD	Unclassified	Regulation under CLM Act not required	-33.80499552	151.1450719
LANE COVE WEST	Lovetts Reserve Walking Track	301B Burns Bay ROAD	Unclassified	Contamination currently regulated under CLM Act	-33.82044223	151.1492125
LANSVALE	Mobil Service Station	44 Hume HIGHWAY	Service Station	Regulation under CLM Act not required	-33.89172416	150.9656537
LAURIETON	Camden Haven Tyre and Brake Centre (Former Caltex Service Station)	461 Ocean DRIVE	Service Station	Regulation under CLM Act not required	-31.64367775	152.7977735
LAVENDER BAY	SRA Land	French STREET	Unclassified	Regulation under CLM Act not required	-33.84560621	151.2030148

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LAVINGTON	Former Caltex Service Station	373-375 Wagga ROAD	Service Station	Regulation under CLM Act not required	-36.04797551	146.9385325
LAVINGTON	Caltex Service Station	436 Wagga (corner Dick Road) ROAD	Service Station	Regulation under CLM Act not required	-36.04500034	146.9444932
LAVINGTON	Former ERS liquid waste treatment and storage facility	819 Knights ROAD	Other Industry	Regulation under CLM Act not required	-36.06763885	146.942143
LEETON	Former Mobil Depot	108 Calrose STREET	Other Petroleum	Regulation under CLM Act not required	-34.55813326	146.3921296
LEETON	Caltex Service Station	1 Belah STREET	Service Station	Regulation under CLM Act not required	-34.55421752	146.3998431
LEETON	Yenda Producers (formerly Incitec) Leeton	1 - 2 Canal STREET	Other Petroleum	Regulation under CLM Act not required	-34.55184684	146.3862573
LEETON	Former Fuel Depot, Leeton	1-3 Short STREET	Other Petroleum	Regulation under CLM Act not required	-34.55253237	146.3864507
LEETON	United Leeton Service Station	110 Kurrajong AVENUE	Service Station	Regulation under CLM Act not required	-34.55573364	146.4099077
LEICHHARDT	SRA Land	10-11 Balmain ROAD	Other Industry	Contamination formerly regulated under the CLM Act	-33.8776803	151.1591041
LEICHHARDT	Former Kolotex site	22 George STREET	Other Industry	Contamination currently regulated under CLM Act	-33.88855307	151.1482106
LEICHHARDT	Former Labelcraft Site	30-40 George STREET	Chemical Industry	Contamination currently regulated under CLM Act	-33.88778798	151.1484773
LEICHHARDT	Leichhardt Bus Depot Area E	240 Balmain Road, corner City West LINK	Other Industry	Regulation under CLM Act not required	-33.87589727	151.1598073
LEICHHARDT	RailCorp Leichhardt	7 Darley ROAD	Other Industry	Regulation under CLM Act not required	-33.87520846	151.1539012
LENNOX HEAD	Former Caltex Lennox Head	Byron STREET	Service Station	Regulation under CLM Act not required	-28.79189328	153.5883225
LENNOX HEAD	Spoors Dip	13 Fig Tree Hill DRIVE	Cattle Dip	Contamination formerly regulated under the CLM Act	-28.78258175	153.5752527

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
LEPPINGTON	Coles Express Leppington	1443 Camden Valley WAY	Service Station	Regulation under CLM Act not required	-33.96631609	150.8154793
LEUMEAH	Caltex Service Station	6 Rudd ROAD	Service Station	Regulation under CLM Act not required	-34.05398325	150.8299209
LEURA	Former Leura Garage	126-128 Leura MALL	Service Station	Regulation under CLM Act not required	-33.7125311	150.3315386
LIDCOMBE	Metro Lidcombe (former Liberty)	134 John STREET	Service Station	Contamination currently regulated under POEO Act	-33.85456019	151.0468136
LIDDELL	Liddell Power Station	New England HIGHWAY	Other Industry	Regulation under CLM Act not required	-32.37393962	150.9756283
LIDSDALE	Angus Place Colliery	Wolgan ROAD	Other Industry	Regulation under CLM Act not required	-33.35274573	150.0996773
LIDSDALE	Kerosene Vale Colliery	Wolgan ROAD	Other Industry	Regulation under CLM Act not required	-33.38232515	150.0943561
LIDSDALE	Kerosene Vale Ash Repository	110 Skelly ROAD	Other Industry	Under assessment	-33.395693	150.086435
LIGHTNING RIDGE	Former Ambulance Station	18 - 42 Pandora STREET	Other Industry	Regulation under CLM Act not required	-29.43133877	147.9812981
LIGHTNING RIDGE	Caltex Service Station	Onyx Street, corner Morilla STREET	Service Station	Regulation under CLM Act not required	-29.42922885	147.9747954
LILLIAN ROCK	Former 'Peters Dip' Cattle Tick Dip Site	427 Lillian Rock ROAD	Cattle Dip	Regulation under CLM Act not required	-28.5314327	153.1556392
LINDFIELD	7-Eleven (former Mobil) Service Station	238 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-33.7788603	151.1689594
LISAROW	OneSteel Recycling	902A Pacific HIGHWAY	Metal Industry	Regulation under CLM Act not required	-33.38420179	151.3655856
LISMORE	Caltex Lismore Service Station	136 Woodlark STREET	Service Station	Regulation under CLM Act not required	-28.80807597	153.2807591
LISMORE	Shell Coles Express Service Station	100 Dawson STREET	Service Station	Regulation under CLM Act not required	-28.81140865	153.2800472

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
LISMORE	Former Shell Depot	116 Wilson STREET	Other Petroleum	Regulation under CLM Act not required	-28.81070081	153.2621577
LISMORE	Caltex Service Station	73-75 Dawson STREET	Service Station	Regulation under CLM Act not required	-28.80894415	153.2809619
LISMORE	Lismore Gasworks	Cnr John Street & Keen STREET	Gasworks	Contamination formerly regulated under the CLM Act	-28.81764489	153.2710196
LISMORE	SRA Land	Norco LANE	Unclassified	Regulation under CLM Act not required	-28.810742	153.2702306
LISMORE HEIGHTS	Coles Express Lismore Heights	426 Ballina ROAD	Service Station	Contamination currently regulated under CLM Act	-28.81068067	153.3053065
LISMORE HEIGHTS	Impacted land, below Beardow Street landslide	22 New Ballina ROAD	Unclassified	Regulation under CLM Act not required	-28.80410458	153.2939349
LISMORE HEIGHTS	Roadside Embankment (Beardow Street)	Between Beardow and 22 New Ballina ROAD	Unclassified	Regulation under CLM Act not required	-28.81346	153.276493
LITHGOW	Former Shell CVRO and Depot	77 Bridge Street and 6 Gas Works LANE	Other Petroleum	Regulation under CLM Act not required	-33.47995091	150.162216
LITHGOW	Lithgow Thales	4 Martini PARADE	Metal Industry	Contamination formerly regulated under the CLM Act	-33.48988084	150.141366
LITHGOW	Former Mobil Depot	353 Main STREET	Other Petroleum	Regulation under CLM Act not required	-33.48235166	150.1383012
LITHGOW	Former Gasworks	Mort STREET	Gasworks	Regulation under CLM Act not required	-33.47995167	150.1635401
LITHGOW	Jasbe BP-branded Service Station (Former Reliance Petroleum)	1106 Great Western HIGHWAY	Service Station	Regulation under CLM Act not required	-33.48426647	150.134992
LITHGOW	Caltex Lithgow (Quota Park)	Adjacent to 1131 Great Western HIGHWAY	Unclassified	Regulation under CLM Act not required	-33.47927554	150.1366238
LIVERPOOL	AC McGrath (Wholesale) Pty Ltd	20 Shepherd Street and 6A & 6B Atkinson STREET	Other Industry	Regulation under CLM Act not required	-33.9320192	150.9236862
LIVERPOOL	Former Car Park	4 - 6 Rose STREET	Unclassified	Regulation under CLM Act not required	-33.93258955	150.9157936

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
LIVERPOOL	Woolworths Service Station	59-67 Orange Grove ROAD	Service Station	Regulation under CLM Act not required	-33.90711248	150.9178855
LIVERPOOL	68 Speed Street (former gasworks)	2A Mill ROAD	Gasworks	Regulation under CLM Act not required	-33.92992649	150.9224472
LIVERPOOL	Woodward Park	84 Memorial AVENUE	Other Industry	Under assessment	-33.924752	150.917075
LOFTUS	BP Freedom Fuel Service Station Loftus	127 Loftus AVENUE	Service Station	Regulation under CLM Act not required	-34.04570765	151.0508004
LONG JETTY	Metro Petroleum Service Station Long Jetty	326 The Entrance ROAD	Service Station	Under assessment	-33.35897356	151.4847709
LONG JETTY	Caltex Service Station	431 The Entrance ROAD	Service Station	Regulation under CLM Act not required	-33.36022468	151.4826553
LONG JETTY	Westside Petroleum Service Station	290-294 The Entrance ROAD	Service Station	Contamination currently regulated under CLM Act	-33.35686757	151.4861479
LONG JETTY	7-Eleven (former Mobil) Service Station	184-186 The Entrance ROAD	Service Station	Regulation under CLM Act not required	-33.35089363	151.4924904
LONGUEVILLE	Caltex Service Station	5 Northwood ROAD	Service Station	Regulation under CLM Act not required	-33.82427366	151.1724497
LOXFORD	Kurri Kurri Wastewater Treatment Plant	McLeod ROAD	Other Industry	Regulation under CLM Act not required	-32.802024	151.485587
LUCAS HEIGHTS	Harringtons Quarry	access from Little Forest ROAD	Landfill	Contamination currently regulated under CLM Act	-34.03555347	150.9751826
LUCAS HEIGHTS	IWC landfill	Little Forest ROAD	Landfill	Contamination formerly regulated under the CLM Act	-34.03214889	150.9753474
LUDDENHAM	Caltex Service Station	3019-3035 The Northern ROAD	Service Station	Regulation under CLM Act not required	-33.87536093	150.6888872
MACKSVILLE	Caltex Service Station	Pacific (22-24 Cooper Street) HIGHWAY	Service Station	Regulation under CLM Act not required	-30.70977455	152.9198448
MACLEAN	MacLean Outdoors	255 River STREET	Service Station	Regulation under CLM Act not required	-29.45782683	153.1970725

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
MACQUARIE FIELDS	Caltex Service Station	68 Harold STREET	Service Station	Regulation under CLM Act not required	-33.98557276	150.8933681
MACQUARIE PARK	Caltex North Ryde Service Station	41-43 Epping ROAD	Service Station	Regulation under CLM Act not required	-33.79138236	151.1312248
MACQUARIE PARK	1-7 Waterloo Road, Macquarie Park	1-7 Waterloo ROAD	Other Petroleum	Regulation under CLM Act not required	-33.78806877	151.1332148
MACQUARIE PARK	Porters Creek Depot - Proposed Operations Centre Site	160 Wicks ROAD	Landfill	Regulation under CLM Act not required	-33.78581579	151.1367075
MACQUARIE PARK	De Burghs Cycleway - Lane Cove National Park	Riverside DRIVE	Other Petroleum	Regulation under CLM Act not required	-33.77668985	151.136542
MAITLAND	Maitland Gasworks	Charles STREET	Gasworks	Contamination currently regulated under CLM Act	-32.73603658	151.5578926
MAITLAND	Hannan and High Street	Hannan Street and High STREET	Service Station	Regulation under CLM Act not required	-32.72731682	151.5515673
MAITLAND	Coles Express Service Station	235 High STREET	Service Station	Regulation under CLM Act not required	-32.73923807	151.5620399
MALABAR	ANZAC Rifle Range former landfill	Franklin STREET	Landfill	Regulation being finalised	-33.95792671	151.2566373
MANDALONG	Mandalong Mine	Mandalong ROAD	Other Industry	Regulation under CLM Act not required	-33.11725583	151.4616452
MANGROVE MOUNTAIN	Poultry Litter Containment Pit site	258 Waratah ROAD	Unclassified	Regulation under CLM Act not required	-33.28917947	151.1672284
MANILLA	Tamworth Regional Council Works Depot - Manilla	73 River STREET	Other Petroleum	Regulation under CLM Act not required	-30.74879943	150.7181011
MANLY	Caltex Service Station	86 Pittwater ROAD	Service Station	Regulation under CLM Act not required	-33.79306889	151.2858638
MANLY	Open Space at end of Stuart Street (Lot 1 DP544297)	End of Stuart STREET	Gasworks	Regulation under CLM Act not required	-33.8078063	151.2898273
MANLY	St Patrick's Estate	151 Darley ROAD	Unclassified	Regulation under CLM Act not required	-33.8044568	151.2938595

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
MANLY	Former Little Manly Point Gasworks	Stuart STREET	Gasworks	Ongoing maintenance required to manage residual contamination (CLM Act)	-33.8081596	151.287697
MANLY VALE	Caltex Service Station Manly Vale	236-238 Condamine STREET	Service Station	Regulation under CLM Act not required	-33.78508231	151.2674386
MANLY VALE	Former Landfill Addiscombe Road	Addiscombe ROAD	Landfill	Contamination currently regulated under CLM Act	-33.78307439	151.2747846
MANNERING PARK	Parkview General Store (a former service station)	2 Vales ROAD	Service Station	Regulation under CLM Act not required	-33.14753814	151.5387832
MANNERING PARK	Mannerling Park Mini Mart	70 Vales ROAD	Service Station	Regulation under CLM Act not required	-33.15236501	151.5371767
MARAYONG	7-Eleven (former Mobil Blacktown West) Service Station Marayong	173 Richmond ROAD	Service Station	Regulation under CLM Act not required	-33.75472796	150.8913605
MARAYONG	Woolworths Petrol Service Station Marayong	Corner Vardys Road and Turbo ROAD	Service Station	Regulation under CLM Act not required	-33.7452356	150.9041601
MARDI	Former Mardi Landfill	70-90 McPherson ROAD	Landfill	Regulation under CLM Act not required	-33.29273289	151.4100941
MARKS POINT	Former Mobil Service Station (now 7-Eleven)	770-772 Pacific HIGHWAY	Service Station	Contamination formerly regulated under the CLM Act	-33.05646268	151.6533795
MARKS POINT	Former Mobil Aviation Depot Belmont Airport	864 Pacific HIGHWAY	Other Petroleum	Regulation under CLM Act not required	-33.06657244	151.6497674
MAROUBRA	Coles Express Pagewood Service Station, Maroubra	299 Bunnerong PARADE	Service Station	Regulation under CLM Act not required	-33.94071282	151.2285063
MARRANGAROO	United (Former Mobil) Service Station Marrangaroo	394-398 Great Western HIGHWAY	Service Station	Regulation under CLM Act not required	-33.45253322	150.1181023
MARRICKVILLE	Former Mobil Service Station	384 Illawarra ROAD	Service Station	Regulation under CLM Act not required	-33.91534969	151.1506717
MARRICKVILLE	TRW Steering and Suspension	22-28 Carrington ROAD	Other Industry	Ongoing maintenance required to manage residual contamination (CLM Act)	-33.92012667	151.1566181
MARRICKVILLE	Woolworths Petrol Service Station Marrickville	490 Illawarra ROAD	Service Station	Regulation under CLM Act not required	-33.91845177	151.1459951

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MARRICKVILLE	RailCorp	361 Victoria ROAD	Other Industry	Regulation under CLM Act not required	-33.91404835	151.1557132
MARRICKVILLE	Mackey Park	Cnr Richardsons Crescent and Carrington ROAD	Landfill	Regulation under CLM Act not required	-33.9220263	151.1547903
MARRICKVILLE	Cooks River Aqueduct	Thornley STREET	Unclassified	Contamination formerly regulated under the CLM Act	-33.92224311	151.1479744
MARRICKVILLE	2 Carrington Road	2 Carrington ROAD	Unclassified	Regulation under CLM Act not required	-33.91567088	151.1589931
MARRICKVILLE	Former Dry Cleaners and Loading Dock	Smidmore STREET	Other Industry	Contamination currently regulated under CLM Act	-33.90752498	151.1717761
MARSDEN PARK	226 Grange Avenue	226 Grange AVENUE	Unclassified	Regulation under CLM Act not required	-33.70259609	150.83825
MARSFIELD	Coles Express Service Station Marsfield	189 Epping ROAD	Service Station	Regulation under CLM Act not required	-33.77519246	151.1053691
MARULAN	BP Express Marulan (Northbound)	(Northbound) Hume HIGHWAY	Service Station	Regulation under CLM Act not required	-34.7188332	149.9949547
MARULAN	BP Service Station	(Southbound) Hume HIGHWAY	Service Station	Regulation under CLM Act not required	-34.71932066	150.0014827
MARYVILLE	7-Eleven Service Station	184-188 Hannell STREET	Service Station	Contamination formerly regulated under the CLM Act	-32.91336028	151.7579315
MASCOT	Former Zinc Smelter and Paint Manufacturing Facility	163 O'Riordan STREET	Metal Industry	Regulation under CLM Act not required	-33.92526513	151.1892582
MASCOT	Caltex Service Station	125 O'Riordan STREET	Service Station	Regulation under CLM Act not required	-33.92309169	151.1911539
MASCOT	Mascot Pioneer Plating	25-29 Ricketty STREET	Metal Industry	Contamination currently regulated under CLM Act	-33.92075288	151.1824801
MASCOT	Heritage Business Centre	5-9 Ricketty STREET	Unclassified	Regulation under CLM Act not required	-33.92029202	151.1816656
MASCOT	Telstra Exchange	904-922 Botany ROAD	Other Industry	Regulation under CLM Act not required	-33.9293166	151.1942777

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
MASCOT	Former Shell Service Station Mascot	746 Botany ROAD	Service Station	Contamination formerly regulated under the CLM Act	-33.92352295	151.1955852
MASCOT	Former Freight Distribution Facility (now High-Density Residential / Commercial)	19-33 Kent ROAD	Unclassified	Regulation under CLM Act not required	-33.9227711	151.1854202
MASCOT	Former Mascot Galvanising	336-348 King STREET	Metal Industry	Contamination currently regulated under CLM Act	-33.92902126	151.185874
MASCOT	Sokol Corporation	50-56 Robey STREET	Other Industry	Regulation under CLM Act not required	-33.93162265	151.1904955
MASCOT	Linear Park	Off O'Riordan STREET	Landfill	Regulation under CLM Act not required	-33.92278693	151.1904751
MATRAVILLE	Port Botany Bus Depot	7 Bumborah Point ROAD	Other Petroleum	Regulation under CLM Act not required	-33.96880413	151.2255889
MATRAVILLE	Former Golden Fleece Terminal No2	151 Beauchamp ROAD	Other Petroleum	Contamination formerly regulated under the CLM Act	-33.95719404	151.2259884
MATRAVILLE	Former Rieco Incinerator	Kain AVENUE	Other Industry	Contamination being managed via the planning process (EP&A Act)	-33.95980534	151.2423679
MATRAVILLE	7-Eleven Service Station Matraville	515 Bunnerong ROAD	Service Station	Contamination currently regulated under CLM Act	-33.95943536	151.2317598
MATRAVILLE	Former Golden Fleece Terminal No1	133 -149 Beauchamp ROAD	Other Petroleum	Contamination formerly regulated under the CLM Act	-33.95759006	151.2252023
MATRAVILLE	Vacant Lot	3 Wilkes AVENUE	Other Industry	Regulation under CLM Act not required	-33.96006406	151.2431087
MATRAVILLE	Eastern Suburbs Memorial Park	12 Military ROAD	Chemical Industry	Regulation under CLM Act not required	-33.9719906	151.2274386
MAYFIELD	7-Eleven (Former Mobil) Service Station	412-416 Maitland ROAD	Service Station	Regulation under CLM Act not required	-32.89292005	151.7300948
MAYFIELD	Shell Coles Express Service Station	63-69 Maud STREET	Service Station	Regulation under CLM Act not required	-32.89358962	151.7221298
MAYFIELD	Hunter River Sediments	Bed Sediments of the Hunter adjacent to Lot 221 DP1013964 RIVER	Metal Industry	Contamination formerly regulated under the CLM Act	-32.89203741	151.7646702

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
MAYFIELD	Australian Tube Mills Newcastle Site	Industrial DRIVE	Metal Industry	Under assessment	-32.88835767	151.7450751
MAYFIELD	BHP Steel River	The Buffer Zone' extending directly adjacent to the Hunter River; near the Tourle Street Bridge STREET	Metal Industry	Contamination currently regulated under CLM Act	-32.8773556	151.7252427
MAYFIELD	Waratah Steel Mill	23 Frith STREET	Metal Industry	Regulation under CLM Act not required	-32.89426592	151.7257429
MAYFIELD	OneSteel (BHP)	Industrial DRIVE	Metal Industry	Contamination currently regulated under CLM Act	-32.88365878	151.7448793
MAYFIELD NORTH	BHPB Closure site and bed sediments of the Hunter River	Bound by Hunter River, Selwyn Street & Industrial DRIVE	Metal Industry	Ongoing maintenance required to manage residual contamination (CLM Act)	-32.89436064	151.7590762
MAYFIELD NORTH	OneSteel - Newcastle Wire, Rod and Bar Mills	141 & 151 Ingall STREET	Metal Industry	Under assessment	-32.89008485	151.752949
MAYFIELD NORTH	Former BHPB Supply site	Industrial DRIVE	Metal Industry	Ongoing maintenance required to manage residual contamination (CLM Act)	-32.88583061	151.7386157
MAYFIELD WEST	Stevenson Park landfill	2/559 Maitland ROAD	Landfill	Regulation under CLM Act not required	-32.88472556	151.7224791
MAYFIELD WEST	Koppers Coal Tar	East of Woodstock Street and Tourle STREET	Other Industry	Contamination currently regulated under POEO Act	-32.88592437	151.7361839
MAYFIELD WEST	Tourle Street Bridge Project	Tourle STREET	Landfill	Regulation under CLM Act not required	-32.88075518	151.7330073
MCDUGALLS HILL	Caltex Service Station	4949 New England HIGHWAY	Service Station	Regulation under CLM Act not required	-32.54484714	151.1490757
MEADOWBANK	Former Council Works Depot	2 Parsonage STREET	Unclassified	Regulation under CLM Act not required	-33.82191421	151.0951974
MENAI	7-Eleven (Former Mobil) Service Station Menai	289 Menai ROAD	Service Station	Regulation being finalised	-34.01579095	151.0131737
MENAI	Caltex Service Station Menai	1 Carter Road ROAD	Service Station	Regulation under CLM Act not required	-34.01654043	151.0124133
MENANGLE	285 Finns Road, Menangle NSW	285 Finns ROAD	Unclassified	Regulation under CLM Act not required	-34.1292	150.700703

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
MEREWETHER	Merewether Childcare Centre	2/23 Caldwell STREET	Unclassified	Regulation under CLM Act not required	-32.94249653	151.7504279
MEREWETHER HEIGHTS	Burwood Beach Wastewater Treatment Works	Lot 1, Scenic DRIVE	Other Industry	Regulation under CLM Act not required	-32.954267	151.741358
MERIMBULA	Caltex Service Station	19-25 Merimbula DRIVE	Service Station	Regulation under CLM Act not required	-36.88757881	149.9089159
MERIMBULA	Former Mobil Service Station	27 Market STREET	Service Station	Regulation under CLM Act not required	-36.88941693	149.9103485
MERRYLANDS	Former Timber Yard and Hardware	11-19 Centenary ROAD	Other Petroleum	Regulation under CLM Act not required	-33.83083025	150.9698915
MERRYLANDS	Caltex Service Station	229 Woodville ROAD	Service Station	Regulation under CLM Act not required	-33.84547463	150.9983413
MERRYLANDS	Caltex Service Station Merrylands	148 Woodville ROAD	Service Station	Regulation under CLM Act not required	-33.83818499	150.9997199
MERRYLANDS	Stockland Merrylands Court	249-259 Merrylands ROAD	Service Station	Regulation under CLM Act not required	-33.83560037	150.9869735
MERRYLANDS	7-Eleven Merrylands Service Station	295-297 Merrylands Road, corner Windsor ROAD	Service Station	Regulation under CLM Act not required	-33.83533205	150.9851801
MERRYLANDS	Former Stockfeed Manufacturing Site	1-7 & 9-11 Neil STREET	Other Petroleum	Regulation under CLM Act not required	-33.83390257	150.9947449
MERRYLANDS WEST	Former Mobil Service Station	3 Centenary ROAD	Service Station	Regulation under CLM Act not required	-33.83214226	150.9698958
MILLER	Caltex Service Station	86 Cartwright AVENUE	Service Station	Regulation under CLM Act not required	-33.91878146	150.8827514
MILLERS FOREST	Chichester Trunk Gravity Main	water pipeline ACCESS	Other Industry	Contamination currently regulated under POEO Act	-32.772877	151.6826841
MILLERS POINT	Former AGL Gasworks	30 - 34 Hickson ROAD	Gasworks	Regulation under CLM Act not required	-33.86179594	151.2031726
MILLERS POINT	Moores Wharf UPSS	4 Towns PLACE	Other Petroleum	Regulation under CLM Act not required	-33.85581123	151.2024759

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
MILLERS POINT	Former AGL Gasworks	38 Hickson and road reserve ROAD	Gasworks	Contamination being managed via the planning process (EP&A Act)	-33.86280104	151.2032452
MILLERS POINT	Former AGL Gasworks	Berths 5, 6 and 7 (already demolished) and part Hickson ROAD	Gasworks	Contamination formerly regulated under the CLM Act	-33.86239771	151.2024819
MILLERS POINT	Former AGL Gasworks 36 Hickson Road	36 Hickson ROAD	Gasworks	Contamination formerly regulated under the CLM Act	-33.86243824	151.2032514
MILPERRA	Heatcraft Australia Pty Ltd	286 Horsley ROAD	Other Industry	Regulation under CLM Act not required	-33.94031556	150.9958606
MILPERRA	United Group Rail Pty Limited	373 Horsley ROAD	Landfill	Regulation under CLM Act not required	-33.93286283	150.9934071
MILPERRA	Caltex Service Station	264 Milperra ROAD	Service Station	Regulation under CLM Act not required	-33.93018101	150.9910964
MILPERRA	Former Landfill	479 Henry Lawson DRIVE	Landfill	Regulation under CLM Act not required	-33.93394617	150.9776715
MILTON	Former Sanitary Depot	Slaughterhouse ROAD	Other Industry	Regulation under CLM Act not required	-35.33819825	150.4471917
MILTON	Caltex Milton Service Station and Depot	331 Princes HIGHWAY	Service Station	Regulation under CLM Act not required	-35.33154474	150.4492852
MINCHINBURY	7-Eleven (former Mobil) Service Station	815 Great Western HIGHWAY	Service Station	Regulation under CLM Act not required	-33.78812909	150.8495992
MINCHINBURY	BP Service Station	1055 Great Western Highway corner Archbold ROAD	Service Station	Regulation under CLM Act not required	-33.78211857	150.8244185
MINTO	Land adjacent to Former Shell depot	Airds Road and Essex STREET	Other Petroleum	Regulation under CLM Act not required	-34.02140447	150.8415134
MINTO	Shell Coles Express Service Station	73 Pembroke STREET	Service Station	Regulation under CLM Act not required	-34.02316454	150.8503118
MINTO	Former Endeavour Energy Depot	Pembroke ROAD	Other Petroleum	Regulation under CLM Act not required	-34.0408973	150.8451837
MINTO	Logistics Hub - Culverston Road, Minto	Culverston ROAD	Other Petroleum	Regulation under CLM Act not required	-34.0421711	150.833825

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
MIRANDA	Woolworths Service Station	455 Kingsway OTHER	Service Station	Contamination currently regulated under CLM Act	-34.03492814	151.1124681
MITTAGONG	Enhance (former Coles Express) Service Station	224 Old Hume HIGHWAY	Service Station	Regulation under CLM Act not required	-34.44746118	150.4326183
MITTAGONG	Lots 1 and 2 Alfred St.	Alfred STREET	Other Petroleum	Contamination formerly regulated under the CLM Act	-34.44738105	150.4565159
MITTAGONG	Caltex Mittagong Service Station	65 Bowral ROAD	Service Station	Regulation under CLM Act not required	-34.45245915	150.4381291
MOAMA	Caltex Moama Service Station	73 Meninya (Cnr Regent St) STREET	Service Station	Regulation under CLM Act not required	-36.10815134	144.752849
MOLONG	Cabonne BP Service Station	2 Gidley STREET	Service Station	Contamination currently regulated under CLM Act	-33.09026307	148.8695809
MOLONG	Former Gasworks	Hill STREET	Gasworks	Ongoing maintenance required to manage residual contamination (CLM Act)	-33.09074595	148.8703262
MONA VALE	Mona Vale Bus Depot	58 Darley STREET	Other Petroleum	Contamination currently regulated under CLM Act	-33.67452414	151.3074246
MONA VALE	Former Caltex service station and adjacent properties	79 Barrenjoey Road, 2 Polo Avenue, 6 Polo Avenue, 45 Bassett STREET	Service Station	Contamination formerly regulated under the CLM Act	-33.6743659	151.3096932
MONA VALE	7-Eleven (former Mobil) Service Station	24 Barrenjoey ROAD	Service Station	Regulation under CLM Act not required	-33.676909	151.3082515
MONA VALE	BP Peninsula Express Service Station	Corner Barrenjoey Road and Darley Street East STREET	Service Station	Regulation under CLM Act not required	-33.67670799	151.3090068
MONA VALE	BP Service Station Mona Vale	1721 Pittwater ROAD	Service Station	Regulation under CLM Act not required	-33.68043443	151.3023553
MONA VALE	Caltex Investigation Area	Polo Ave, Perak STREET	Service Station	Contamination formerly regulated under the CLM Act	-33.67431333	151.3091148
MONA VALE	Taronga Place Mona Vale properties	Taronga PLACE	Other Petroleum	Contamination currently regulated under CLM Act	-33.67422848	151.3066972
MOOBALL	Mooball General Store	5913 Tweed Valley WAY	Service Station	Regulation under CLM Act not required	-28.44204594	153.4887648

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
MOONBI	Caltex Moonbi Service Station	New England HIGHWAY	Service Station	Regulation under CLM Act not required	-31.02264369	151.069094
MOORE PARK	Area 2, Moore Park	Driver AVENUE	Unclassified	Regulation under CLM Act not required	-33.89426868	151.2226839
MOOREBANK	Caltex Service Station	216 Newbridge ROAD	Service Station	Regulation under CLM Act not required	-33.92930835	150.9551469
MOOREBANK	Joyce Foam Products	5-9 Bridges ROAD	Chemical Industry	Regulation under CLM Act not required	-33.92596302	150.9335273
MOOREBANK	ABB Australia Pty Ltd	(a) 1 Bapaume ROAD	Other Industry	Ongoing maintenance required to manage residual contamination (CLM Act)	-33.94143741	150.9208754
MOOREBANK	Caltex Service Station Moorebank	2 Bridges ROAD	Service Station	Regulation under CLM Act not required	-33.92839682	150.9327012
MOOREBANK	Former Concrete Recyclers property, Newbridge Road, Moorebank	Newbridge ROAD	Landfill	Contamination being managed via the planning process (EP&A Act)	-33.9390295	150.9653979
MOOREBANK	Helles Park	Helles AVENUE	Landfill	Under assessment	-33.935917	150.92196
MOORLAND	Caltex Service Station	99 Jericho ROAD	Service Station	Regulation under CLM Act not required	-31.79436622	152.6514849
MOREE	Former Freedom Service Station Site Moree	1 Dover STREET	Service Station	Contamination formerly regulated under the CLM Act	-29.4715814	149.8440279
MOREE	Caltex Depot	101 Gosport STREET	Other Petroleum	Regulation under CLM Act not required	-29.47603684	149.8476728
MOREE	Former Golden Fleece Depot	Gosport STREET	Other Petroleum	Contamination formerly regulated under the CLM Act	-29.47698315	149.8477108
MOREE	Former Mobil Depot	Gosport STREET	Other Petroleum	Contamination formerly regulated under the CLM Act	-29.47764104	149.8478284
MOREE	Moree Airport Evaporation Pond	Newell HIGHWAY	Unclassified	Regulation under CLM Act not required	-29.50289837	149.8411301
MOREE	Caltex Service Station	54 Alice STREET	Service Station	Contamination currently regulated under CLM Act	-29.47158492	149.8433182

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
MOREE	Former Shell Depot	Adelaide STREET	Other Petroleum	Contamination formerly regulated under the CLM Act	-29.47655335	149.8465698
MOREE	Shell Coles Express Service Station	Corner Gwydir and Balo STREET	Service Station	Regulation under CLM Act not required	-29.46081826	149.8419975
MOREE	BP Truckstop and Depot Moree	Newell Highway - 423 Frome STREET	Service Station	Regulation under CLM Act not required	-29.48223274	149.8463679
MOREE	Sunnyside Road	Sunnyside ROAD	Unclassified	Regulation under CLM Act not required	-29.45652718	149.8226682
MORISSET	Railcorp Station Masters Cottage	24 Dora STREET	Unclassified	Regulation under CLM Act not required	-33.10849681	151.4880317
MORISSET	Morisset High School	Bridge STREET	Unclassified	Regulation under CLM Act not required	-33.10475221	151.4866482
MORISSET	Sanyog Holdings Pty Ltd	57 Dora STREET	Service Station	Under assessment	-33.107318	151.490061
MORPETH	Telstra Cable Installation and RTA Bridge work	Northumberland STREET	Other Petroleum	Regulation under CLM Act not required	-32.72489729	151.6266795
MORPETH	Former Service Station	Swan STREET	Service Station	Regulation under CLM Act not required	-32.72477413	151.6250642
MORTLAKE	Former Petroleum Storage Site	108-116 Tennyson ROAD	Other Petroleum	Regulation under CLM Act not required	-33.83979033	151.1064889
MORTLAKE	Kendall Bay Sediments	Kendall BAY	Gasworks	Contamination currently regulated under CLM Act	-33.83905999	151.1120458
MORTLAKE	Former AGL site	Tennyson ROAD	Gasworks	Contamination formerly regulated under the CLM Act	-33.84287407	151.1109313
MORTLAKE	Majors Bay Redevelopment	14-22 Hilly STREET	Other Industry	Regulation under CLM Act not required	-33.83954617	151.1054674
MORUYA	Former Fuel Depot Moruya	11 to 13 Ford STREET	Other Petroleum	Regulation under CLM Act not required	-35.9112243	150.0826475
MORUYA	Caltex Service Station Moruya	80-84 Campbell STREET	Service Station	Regulation under CLM Act not required	-35.91195596	150.0824213

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
MORUYA	Caltex Service Station	26 Campbell STREET	Service Station	Regulation under CLM Act not required	-35.9104985	150.0711419
MOSMAN	7-Eleven Mosman	162A Spit Road Corner Mitchell ROAD	Service Station	Regulation under CLM Act not required	-33.81747016	151.2433633
MOSMAN	BP Service Station	175 Ourimbah ROAD	Service Station	Regulation under CLM Act not required	-33.82106757	151.233291
MOSMAN	BP Express Mosman	175 Ourimbah ROAD	Service Station	Regulation under CLM Act not required	-33.821206	151.232961
MOSMAN	7-Eleven Service Station Mosman	45 Spit ROAD	Service Station	Regulation under CLM Act not required	-33.82302718	151.2435627
MOSMAN	Allan Border Oval	Myahgah ROAD	Landfill	Regulation under CLM Act not required	-33.82681534	151.2417712
MOSS VALE	Woolworths Service Station Moss Vale	609 Argyle STREET	Service Station	Regulation under CLM Act not required	-34.55409411	150.3609797
MOSS VALE	Coles Express Service Station	579 Argyle STREET	Service Station	Regulation under CLM Act not required	-34.55313422	150.364684
MOSS VALE	Moss Vale Refuelling Facility	Lackey ROAD	Other Petroleum	Regulation under CLM Act not required	-34.54662421	150.3721525
MOUNT ANNAN	Woolworths Caltex Mount Annan	157 Narellan (Corner Smeaton Grange Road) ROAD	Service Station	Regulation under CLM Act not required	-34.04685527	150.7610434
MOUNT ANNAN	Great Southern Railways Aqueduct	Off Narellan ROAD	Unclassified	Regulation under CLM Act not required	-34.07308479	150.7707436
MOUNT COLAH	Caltex Service Station Mount Colah	603 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-33.67034662	151.1151861
MOUNT COLAH	Foxglove Oval	Foxglove ROAD	Landfill	Contamination currently regulated under CLM Act	-33.65829855	151.1229638
MOUNT DRUITT	Caltex (former Mobil) Service Station, 17 Mount Street, Mount Drutt	17 Mount STREET	Service Station	Regulation under CLM Act not required	-33.76567994	150.8244544
MOUNT DRUITT	7-Eleven Mount Drutt	Lot 6 Luxford ROAD	Other Petroleum	Regulation under CLM Act not required	-33.76483839	150.8254157

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
MOUNT HUTTON	Woolworths Service Station	46 Wilsons ROAD	Service Station	Regulation under CLM Act not required	-32.9836378	151.67309
MOUNT PRITCHARD	7-Eleven Service Station	352 Elizabeth DRIVE	Service Station	Regulation under CLM Act not required	-33.90260656	150.8963326
MOUNT THORLEY	Bulga Surface Operations	Broke ROAD	Other Industry	Regulation under CLM Act not required	-32.68325751	151.1206158
MOUNT THORLEY	Lowes Petroleum (Former BP) Depot Mount Thorley	74 Mount Thorley ROAD	Other Petroleum	Regulation under CLM Act not required	-32.62443074	151.1025122
MOUNT VICTORIA	Former Mobil Service Station	81 Great Western HIGHWAY	Service Station	Regulation under CLM Act not required	-33.5889727	150.2511783
MOUNT VICTORIA	Caltex Service Station	36a Great Western HIGHWAY	Service Station	Regulation under CLM Act not required	-33.58436517	150.2465528
MUDGEES	Caltex Service Station	114-116 Church STREET	Service Station	Regulation under CLM Act not required	-32.59428029	149.5876199
MUDGEES	Shell Coles Express Service Station	47 Church STREET	Service Station	Regulation under CLM Act not required	-32.59347493	149.5884623
MUDGEES	BP Service Station Mudgee	77 Church STREET	Service Station	Regulation under CLM Act not required	-32.59545872	149.588123
MUDGEES	Mobil Depot	47 Douro STREET	Other Petroleum	Contamination currently regulated under CLM Act	-32.60023979	149.5823448
MUDGEES	Mudgee Gasworks	Mortimer Street and Court STREET	Gasworks	Regulation under CLM Act not required	-32.59168859	149.5817705
MUDGEES	Former Essential Energy Depot	27-31 Inglis STREET	Other Industry	Regulation under CLM Act not required	-32.60076552	149.5858905
MUDGEES	Former Caltex Depot Mudgee	cnr Nicholson Street & Atkinson STREET	Other Petroleum	Regulation under CLM Act not required	-32.60125298	149.5851398
MULGRAVE	7-Eleven (former Mobil) Service Station	Corner Windsor Road and Mulgrave ROAD	Service Station	Regulation under CLM Act not required	-33.61687781	150.8341809
MULLUMBIMBY	Station Street, Mullumbimby NSW 2482	Station STREET	Other Industry	Regulation being finalised	-28.547627	153.503538

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
MULWALA	Mulwala ADI Explosives Factory	Bayly STREET	Other Industry	Regulation under CLM Act not required	-35.97572689	145.9809786
MURWILLUMBAH	Murwillumbah Ambulance Depot	27 Queen STREET	Other Petroleum	Regulation under CLM Act not required	-28.32552576	153.4000182
MURWILLUMBAH SOUTH	Puma Murwillumbah (formerly Matilda)	182 Tweed Valley WAY	Service Station	Contamination currently regulated under CLM Act	-28.3263681	153.4103824
MURWILLUMBAH SOUTH	Former Norco Butter Factory (Eastern Portion)	230 Tweed Valley WAY	Other Petroleum	Regulation under CLM Act not required	-28.32791359	153.4073052
MUSWELLBROOK	Former Caltex Depot	1 Lower William STREET	Other Petroleum	Regulation under CLM Act not required	-32.26614257	150.8865136
MUSWELLBROOK	Vacant Rail Land	27 Brook STREET	Unclassified	Regulation under CLM Act not required	-32.26346086	150.8873181
MUSWELLBROOK	United Branded (Former Mobil) Service Station Muswellbrook	49-51 Maitland STREET	Service Station	Regulation under CLM Act not required	-32.27218162	150.8900206
MUSWELLBROOK	Former Mobil Depot Muswellbrook	43-51 Ford STREET	Other Petroleum	Regulation under CLM Act not required	-32.2599725	150.887573
MUSWELLBROOK	Woolworths Petrol	72 Brook STREET	Service Station	Regulation under CLM Act not required	-32.26325377	150.8905966
MUSWELLBROOK	Caltex Muswellbrook Service Station	84-86 Maitland STREET	Service Station	Regulation under CLM Act not required	-32.27793094	150.8980938
MUSWELLBROOK	Former Gasworks	Corner Carl Street and Foley STREET	Gasworks	Regulation under CLM Act not required	-32.26672337	150.8935982
MUSWELLBROOK	Bayswater Power Station	New England HIGHWAY	Other Industry	Regulation under CLM Act not required	-32.3954046	150.9502683
MUSWELLBROOK	Former Industrial Site	Lot 89 Rathmore STREET	Other Industry	Regulation under CLM Act not required	-32.30544071	150.8823657
MUSWELLBROOK	Caltex Service Station	12-16 Sydney STREET	Service Station	Regulation under CLM Act not required	-32.26785559	150.8879601
MUSWELLBROOK	Former Caltex Depot	47-50 Victoria STREET	Service Station	Regulation under CLM Act not required	-32.26788823	150.8930609

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
MUSWELLBROOK	Former Pit Top No. 1 Colliery Muswellbrook Coal	Corner Clendinning Street and Victoria STREET	Other Industry	Regulation under CLM Act not required	-32.27031992	150.9009981
NABIAC	Caltex Service Station NABIAC	3964 Wallanbah (Cnr Wallanbah Rd and Pacific Hwy) ROAD	Service Station	Regulation under CLM Act not required	-32.09864883	152.3754346
NAMBUCCA HEADS	Former Mobil Service Station	6 Bowra STREET	Service Station	Regulation under CLM Act not required	-30.64282127	153.0035884
NARELLAN	Caltex Service Station Narellan	1 George Hunter DRIVE	Service Station	Regulation under CLM Act not required	-34.03963992	150.7432386
NARELLAN	Former Landfill	1 Elyard STREET	Landfill	Regulation under CLM Act not required	-34.043474	150.7393256
NAROOMA	Narooma Service Station	60 Princes HIGHWAY	Service Station	Regulation under CLM Act not required	-36.21617955	150.126261
NAROOMA	Former Caltex - Narooma	82 Princes HIGHWAY	Service Station	Contamination formerly regulated under the CLM Act	-36.21711766	150.1279305
NARRABEEN	Caltex Service Station	1509-1511 Pittwater ROAD	Service Station	Regulation under CLM Act not required	-33.70455756	151.2969352
NARRABEEN	Shell Coles Express Service Station	1418 Pittwater ROAD	Service Station	Regulation under CLM Act not required	-33.70013931	151.3002782
NARRABEEN	Narrabeen Shotgun Range Sydney Academy of Sport	Wakehurst PARKWAY	Unclassified	Ongoing maintenance required to manage residual contamination (CLM Act)	-33.72138423	151.2642798
NARRABEEN	7-Eleven Service Station	1234 Pittwater ROAD	Service Station	Regulation under CLM Act not required	-33.71958892	151.298272
NARRABEEN	7-Eleven Narrabeen North	1497 Pittwater Road, corner Gondola ROAD	Service Station	Regulation being finalised	-33.7078448	151.2966483
NARRABRI	Caltex Service Station	13 Doyle STREET	Service Station	Regulation under CLM Act not required	-30.3239182	149.7843052
NARRABRI	Lowes Petroleum (Former Mobil) Narrabri Depot	3 Old Gunnedah ROAD	Other Petroleum	Regulation under CLM Act not required	-30.33473586	149.789587
NARRABRI	Caltex Service Station	31-35 Cooma ROAD	Service Station	Regulation under CLM Act not required	-30.33968576	149.7657241

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
NARRABRI	Caltex Narrabri Service Station	31 Dangar (Cnr Anne and Dangar) STREET	Service Station	Regulation under CLM Act not required	-30.32989667	149.7756598
NARRABRI	Caltex Service Station	12 Reid STREET	Other Petroleum	Regulation under CLM Act not required	-30.32282764	149.7901182
NARRABRI	Cargill Soapstock Disposal Site	Westport ROAD	Unclassified	Contamination formerly regulated under the CLM Act	-30.4698458	149.6981931
NARRABRI	Caltex Service Station	7-13 James STREET	Service Station	Regulation under CLM Act not required	-30.33016168	149.7940732
NARRANDERA	Former Mobil Narrandera Depot	24 Whitton STREET	Other Petroleum	Regulation under CLM Act not required	-34.7410523	146.5620667
NARRANDERA	Former Mobil Emoleum Narrandera Depot	5-7 Margaret STREET	Other Petroleum	Regulation under CLM Act not required	-34.74105391	146.5628144
NARROMINE	Narromine Fuel (Former Caltex) Service Station	Cnr Burraway Street and Algalah STREET	Service Station	Regulation under CLM Act not required	-32.23565321	148.2454259
NELLIGEN	Former Clay Target Shooting Range	1398 Kings Highway and adjoining land on Old Bolaro Mountain ROAD	Unclassified	Contamination currently regulated under CLM Act	-35.64392469	150.0955224
NELLIGEN	Lot 2 Old Bolaro Road	Old Bolaro ROAD	Unclassified	Contamination formerly regulated under the CLM Act	-35.64485609	150.0937341
NELSON BAY	Shell Coles Express Service Station	25 Stockton STREET	Service Station	Regulation under CLM Act not required	-32.72265762	152.1437317
NELSON BAY	Former Caltex Service Station Nelson Bay	38 Stockton STREET	Service Station	Regulation under CLM Act not required	-32.72335662	152.1429384
NEMINGHA	Caltex Service Station and Depot Nemingha	428 Armidale (previously 16 New England Highway) ROAD	Service Station	Regulation under CLM Act not required	-31.12425169	150.9909054
NEUTRAL BAY	Caltex Service Station	16-38 Military ROAD	Service Station	Regulation under CLM Act not required	-33.82907162	151.2163342
NEUTRAL BAY	Shell Coles Express Service Station	200-204 Ben Boyd ROAD	Service Station	Regulation under CLM Act not required	-33.82915781	151.219437
NEW LAMBTON	Caltex Service Station New Lambton	144 Bridges ROAD	Service Station	Regulation under CLM Act not required	-32.93283668	151.7141748

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
NEW LAMBTON	BP Service Station	105 St James ROAD	Service Station	Regulation under CLM Act not required	-32.92910325	151.7155801
NEW LAMBTON	7-Eleven (former Mobil) Service Station	291 Turton ROAD	Service Station	Regulation under CLM Act not required	-32.91773864	151.7243096
NEWCASTLE	Reclaimed Land	26-28 Honeysuckle DRIVE	Unclassified	Contamination formerly regulated under the CLM Act	-32.92604705	151.7649508
NEWCASTLE	Wharf Road Newcastle Car Park	313-317 Wharf ROAD	Unclassified	Regulation under CLM Act not required	-32.92570385	151.7744076
NEWCASTLE	Newcastle Foreshore	40 Stevenson Place STREET	Other Industry	Regulation under CLM Act not required	-32.92556503	151.7876742
NEWCASTLE	SRA Land	Scott STREET	Gasworks	Regulation under CLM Act not required	-32.92641425	151.7837817
NEWCASTLE WEST	Former Mobil Service Station	113 Parry STREET	Service Station	Regulation under CLM Act not required	-32.92560628	151.7558542
NEWPORT	7-Eleven (former Mobil) Service Station	307 Barrenjoey ROAD	Service Station	Regulation under CLM Act not required	-33.65632902	151.3182089
NEWPORT	Former Caltex Service Station Newport	316-324 Barrenjoey ROAD	Service Station	Regulation under CLM Act not required	-33.65634516	151.3191571
NEWTOWN	Caltex Service Station Newtown	26 - 36 Enmore ROAD	Service Station	Regulation under CLM Act not required	-33.89851331	151.17714
NEWTOWN	Former Service Station	81 Wilson STREET	Service Station	Contamination formerly regulated under the CLM Act	-33.89626791	151.1827556
NEWTOWN	Aluminium Enterprises	66 Brocks LANE	Metal Industry	Contamination was addressed via the planning process (EP&A Act)	-33.89467126	151.1847528
NEWTOWN	Adjacent to Former Service Station	79 Wilson STREET	Service Station	Contamination formerly regulated under the CLM Act	-33.89630155	151.1826567
NORAVILLE	Former Toukley Landfill	Wilfred Barrett DRIVE	Landfill	Regulation under CLM Act not required	-33.27734185	151.5537784
NORTH ALBURY	Caltex Service Station and Diesel Stop	79 Union ROAD	Service Station	Regulation under CLM Act not required	-36.05496713	146.9487635

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
NORTH BOAMBEE VALLEY	Caltex Service Station	Cnr Pacific Hwy & Halls ROAD	Service Station	Regulation under CLM Act not required	-30.30639482	153.1007996
NORTH BONDI	Caltex Service Station North Bondi	321 Old South Head ROAD	Service Station	Regulation under CLM Act not required	-33.88463526	151.268551
NORTH NARRABEEN	7-Eleven Service Station	1501-1503 Pittwater ROAD	Service Station	Regulation under CLM Act not required	-33.70749859	151.296351
NORTH RICHMOND	Caltex Service Station	50 Bells Line Of ROAD	Service Station	Regulation under CLM Act not required	-33.57991338	150.7202346
NORTH ROCKS	7-Eleven Service Station North Rocks	340 North Rocks ROAD	Service Station	Regulation under CLM Act not required	-33.76895144	151.0305952
NORTH ST MARYS	BP Service Station	76 Glossop STREET	Service Station	Regulation under CLM Act not required	-33.76020183	150.7818149
NORTH ST MARYS	Mt Druitt Transmissi9on Substation	69 Kurrajong AVENUE	Other Industry	Under assessment	-33.764111	150.79208
NORTH STRATHFIELD	Budget Service Station	143 Concord ROAD	Service Station	Regulation under CLM Act not required	-33.85945248	151.0927853
NORTH STRATHFIELD	Former Caltex Service Station	92a Concord ROAD	Service Station	Regulation under CLM Act not required	-33.86244297	151.0932434
NORTH SYDNEY	Iora Complex	1 Kiara PLACE	Gasworks	Regulation under CLM Act not required	-33.843145	151.2161142
NORTH SYDNEY	Neutral Bay Sediments	Adjacent to Sub Base Platypus, High STREET	Gasworks	Contamination formerly regulated under the CLM Act	-33.8417682	151.2158756
NORTH SYDNEY	Sub Base Platypus (previously HMAS Platypus)	High STREET	Gasworks	Contamination formerly regulated under the CLM Act	-33.84325935	151.2170347
NORTH WOLLONGONG	Former Mobil Depot	122-126 Montague STREET	Other Petroleum	Regulation under CLM Act not required	-34.40988259	150.8939374
NORTHMEAD	Former Prestige Plastics	1C Redbank ROAD	Other Industry	Regulation under CLM Act not required	-33.79716925	150.989926
NORTHMEAD	Coles Express Service Station Northmead	197 Windsor ROAD	Service Station	Regulation under CLM Act not required	-33.77741733	151.0001719

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
NORTHMEAD	Sydney Water Land	51c Hammers ROAD	Landfill	Regulation under CLM Act not required	-33.7887535	150.9858088
NORTHMEAD	Caltex Service Station	98-100 Windsor ROAD	Service Station	Regulation under CLM Act not required	-33.78786563	150.9945909
NORTHMEAD	7-Eleven Service Station Northmead	56 Windsor ROAD	Service Station	Regulation under CLM Act not required	-33.79090731	150.9967332
NOWRA	Former Gasworks Managers Residence	24 Osborne STREET	Gasworks	Regulation under CLM Act not required	-34.8708875	150.5992586
NOWRA	Fire Station	69 Bridge ROAD	Gasworks	Regulation under CLM Act not required	-34.87081582	150.6004881
NOWRA	Historically Filled Land	70 Bridge ROAD	Unclassified	Regulation under CLM Act not required	-34.87081809	150.6013231
NOWRA	Shell Coles Express Service Station	55 Kinghorne STREET	Service Station	Regulation under CLM Act not required	-34.87633757	150.6023481
NOWRA	Former gasworks	Lamonds LANE	Gasworks	Ongoing maintenance required to manage residual contamination (CLM Act)	-34.87111182	150.6000803
NOWRA	Former Hollingworth Scrap Yard	72-74 Jervis and 117 East STREET	Other Industry	Regulation under CLM Act not required	-34.88324216	150.6034361
NOWRA	Woolworths Service Station	60 North Street STREET	Service Station	Regulation under CLM Act not required	-34.87266278	150.6014052
NOWRA	Harry Sawkins Park	Bounded by Princes Hwy, Graham St & McGrath AVENUE	Gasworks	Regulation under CLM Act not required	-34.87093993	150.6037157
NOWRA EAST	Mobil Service Station	Lot 3 Kalandar STREET	Service Station	Contamination formerly regulated under the CLM Act	-34.88850535	150.6093504
NYNGAN	Caltex Service Station	39-41 Pangee STREET	Service Station	Regulation under CLM Act not required	-31.56101006	147.1914997
NYNGAN	Caltex Service Station	126 Pangee STREET	Service Station	Regulation under CLM Act not required	-31.56482841	147.2002892
NYNGAN	Main West Rail Line	Mitchell HIGHWAY	Other Industry	Regulation under CLM Act not required	-31.567428	147.206263

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
OAK FLATS	Shellharbour City Works Depot	132 Industrial ROAD	Other Industry	Regulation under CLM Act not required	-34.56546013	150.8087225
OBERON	Caltex Service Station and Depot	Lowes Mount ROAD	Service Station	Regulation under CLM Act not required	-33.69509055	149.8570553
OBERON	Oberon Timber Complex	Lowes Mount ROAD	Other Industry	Regulation under CLM Act not required	-33.69264862	149.8564588
OBERON	Former Shell Depot	32 O'Connell ROAD	Other Petroleum	Regulation under CLM Act not required	-33.6997172	149.8450057
OBERON	CSR Ltd Property and King's Stockyard Creek	Off Endeavour STREET	Other Industry	Contamination formerly regulated under the CLM Act	-33.6922152	149.8686909
OCEAN SHORES	Former Ocean Shores Service Station	Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-28.51270299	153.5301496
OLD GUILDFORD	Caltex Service Station	636-644 Woodville ROAD	Service Station	Regulation under CLM Act not required	-33.86670857	150.9879189
OLD TOONGABBIE	Baulkham Hills Transmission Substation	191z Old Windsor ROAD	Other Industry	Under assessment	-33.782105	150.968634
ORANGE	Former Fuel Depot	24-28 Peisley STREET	Other Petroleum	Contamination currently regulated under CLM Act	-33.29624293	149.1017277
ORANGE	Caltex Orange Depot	184 Byng STREET	Service Station	Regulation under CLM Act not required	-33.28285589	149.1050273
ORANGE	Woolworths Orange Service Station	357-361 Summer Street, corner William STREET	Service Station	Regulation under CLM Act not required	-33.28445811	149.1053604
ORANGE	BP Orange Service Station (Reliance Petroleum)	81 Summer STREET	Service Station	Regulation under CLM Act not required	-33.2825884	149.0951535
ORANGE	BP-Branded Lowes Petroleum Depot	197 - 201 Margaret STREET	Other Petroleum	Regulation under CLM Act not required	-33.27145977	149.1078103
ORANGE	Caltex Summer Street Service Station Orange	70-74 Summer Street, corner Hill STREET	Service Station	Regulation under CLM Act not required	-33.28311722	149.0940712
ORANGE	Lowes Petroleum (BP-branded) Service Station	76 Peisley STREET	Service Station	Regulation under CLM Act not required	-33.29025034	149.1027194

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
ORANGE	Former Mobil Service Station	24-28 Bathurst ROAD	Service Station	Regulation under CLM Act not required	-33.2866912	149.1066505
ORANGE	BP (Reliance Petroleum) Service Station Orange	56-60 Bathurst ROAD	Service Station	Regulation under CLM Act not required	-33.28980053	149.1086212
ORANGE	Former Mobil Service Station	168 Peisley STREET	Service Station	Regulation under CLM Act not required	-33.28525478	149.1037259
ORANGE	5-7 Edward St Orange	5-7 Edward STREET	Other Industry	Contamination currently regulated under CLM Act	-33.2991077	149.1034092
OURIMBAH	Palmdale Service Centre Pty Ltd	3130 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-33.3381336	151.374586
OURIMBAH	United Ourimbah	51 Pacific HIGHWAY	Service Station	Under assessment	-33.36025941	151.3694483
OURIMBAH	Shell Coles Express Service Station	78-80 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-33.3468202	151.3710098
OXLEY VALE	Hayes Transport Services	10 Manilla ROAD	Other Petroleum	Regulation under CLM Act not required	-31.06991417	150.9101381
OYSTER BAY	Shell Coles Express Service Station	20 Carvers ROAD	Service Station	Contamination currently regulated under CLM Act	-34.00934475	151.0758626
OYSTER COVE	Cove Marine Pty Ltd	60 Frederick STREET	Unclassified	Contamination currently regulated under POEO Act	-32.73549959	151.952446
PADDINGTON	7-Eleven Service Station	59 Oxford STREET	Service Station	Contamination currently regulated under CLM Act	-33.88322921	151.2205024
PADDINGTON	Former Workshop	52 Hopewell STREET	Other Industry	Regulation under CLM Act not required	-33.88195798	151.2220744
PADSTOW	Caltex Padstow	115 Fairford ROAD	Service Station	Regulation under CLM Act not required	-33.9434571	151.0345671
PADSTOW	Selleys / Dulux	1-29 Gow STREET	Chemical Industry	Regulation under CLM Act not required	-33.93904125	151.0381725
PADSTOW	Former Exide Battery Manufacturing & Recycling	55 Bryant STREET	Other Industry	Contamination currently regulated under CLM Act	-33.94265241	151.0378986

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
PADSTOW	Galvatech	49 Gow STREET	Metal Industry	Contamination currently regulated under POEO Act	-33.93808679	151.0346862
PADSTOW	Foseco Australia	7 Stuart STREET	Chemical Industry	Regulation under CLM Act not required	-33.94342957	151.0377316
PADSTOW	Sebel Furniture	Parts 64 and 92 Gow STREET	Other Industry	Regulation under CLM Act not required	-33.93606752	151.0322057
PAGEWOOD	Former Email Site	Corner of Page Street and Holloway STREET	Metal Industry	Ongoing maintenance required to manage residual contamination (CLM Act)	-33.94302462	151.2132036
PAMBULA	Offsite area (roadways) adjacent to United Service Station Pambula (former Shell)	Corner Quondola Street and Bullara STREET	Service Station	Regulation under CLM Act not required	-36.93104481	149.8746763
PARKES	Caltex Service Station Parkes	352-360 Clarinda STREET	Service Station	Regulation under CLM Act not required	-33.13317454	148.173643
PARKES	Former Caltex Parkes (Mugincoble) Depot - Eugowra Rd, Mugincoble	Eugowra ROAD	Service Station	Regulation under CLM Act not required	-33.19007031	148.224822
PARKES	BP Truckstop	(Newell Highway) 1 Forbes ROAD	Other Petroleum	Regulation under CLM Act not required	-33.14309226	148.1710282
PARKES	Former BP Telescope Service Station	339-341 Clarinda STREET	Service Station	Regulation under CLM Act not required	-33.13216152	148.1743239
PARKES	BP Reliance East End Service Station Parkes	46 Clarinda STREET	Service Station	Regulation under CLM Act not required	-33.14243539	148.1846227
PARKES	Former Parkes Gas Works (including Rail Corridor and offsite land)	129 Woodward Street and land within the Parkes railway CORRIDOR	Gasworks	Contamination currently regulated under CLM Act	-33.14480316	148.1844397
PARKLEA	Caltex Parklea Service Station	Old Windsor (north of Miami Street) ROAD	Service Station	Regulation under CLM Act not required	-33.72427108	150.9388531
PARRAMATTA	BP Service Station	435 Church STREET	Service Station	Regulation under CLM Act not required	-33.80498714	151.0056151
PARRAMATTA	Coleman Oval Embankment	Cnr of Pitt STREET and Maquarie STREET	Unclassified	Regulation under CLM Act not required	-33.80441625	150.9954841
PARRAMATTA	7-Eleven (former Mobil) Service Station	81 Victoria ROAD	Service Station	Regulation under CLM Act not required	-33.80919769	151.0142894

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
PARRAMATTA	Parramatta Park Toilet Block Demolition	The Cresent Toilet Block Parramatta PARK	Unclassified	Regulation under CLM Act not required	-33.81054034	150.9961968
PAUPONG	Former Timber Treatment Plant	Off Paupong ROAD	Other Industry	Regulation under CLM Act not required	-36.57657408	148.6624998
PENDLE HILL	7-Eleven Service Station	217 Wentworth AVENUE	Service Station	Regulation under CLM Act not required	-33.8017814	150.9577994
PENNANT HILLS	Shell Coles Express Pennant Hills West	386 Pennant Hills ROAD	Service Station	Contamination formerly regulated under the CLM Act	-33.73928611	151.0679704
PENRITH	Mirvac Industrial Site	2101 Castlereagh ROAD	Other Industry	Regulation under CLM Act not required	-33.73497514	150.6954097
PENRITH	7-Eleven (former Mobil) Service Station	212-222 Andrews ROAD	Service Station	Regulation under CLM Act not required	-33.73059678	150.6952571
PENRITH	Lowes Petroleum (Former Mobil) Depot Penrith	174 Coreen AVENUE	Other Petroleum	Regulation under CLM Act not required	-33.74484268	150.6980504
PENRITH	Caltex Service Station	Castlereagh Rd Cnr Lugard STREET	Service Station	Regulation under CLM Act not required	-33.73426843	150.6933382
PENRITH	BP Express Service Station	Corner Coreen Avenue and Castlereagh ROAD	Service Station	Regulation under CLM Act not required	-33.74385498	150.6925743
PENRITH	Crane Enfield Metals	2115-2131 Castlereagh ROAD	Metal Industry	Ongoing maintenance required to manage residual contamination (CLM Act)	-33.73734959	150.696442
PENRITH	7-Eleven Service Station Penrith	30 Henry STREET	Service Station	Regulation under CLM Act not required	-33.75408799	150.7045594
PENRITH	Caltex Penrith Service Station	153 Coreen AVENUE	Service Station	Regulation under CLM Act not required	-33.74287244	150.6927071
PENRITH	Jet 60 Dry Cleaners	Shop 3 134-138 Henry STREET	Unclassified	Regulation under CLM Act not required	-33.75231953	150.6964541
PENRITH	Former Dry Cleaners	Shop 3, 134-138 Henry STREET	Other Industry	Regulation under CLM Act not required	-33.75231953	150.6964541
PENSHURST	7-Eleven Service Station	612 Forest ROAD	Service Station	Regulation under CLM Act not required	-33.96153533	151.0793525

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
PENSHURST	Caltex Service Station	641 King Georges ROAD	Service Station	Regulation under CLM Act not required	-33.95985335	151.0891118
PERISHER VALLEY	Perisher Centre Loading Dock	Kosciuszko ROAD	Other Petroleum	Regulation under CLM Act not required	-36.40392862	148.4111593
PERISHER VALLEY	Perisher Ski Resort	Kosciuszko ROAD	Other Petroleum	Regulation under CLM Act not required	-36.41106374	148.4005469
PETERSHAM	Fanny Durack Aquatic Centre	Station STREET	Unclassified	Regulation under CLM Act not required	-33.89194583	151.151824
PETERSHAM	7-Eleven Petersham	8-10 Crystal STREET	Service Station	Under assessment	-33.88862	151.158667
PHEASANTS NEST	7-Eleven Service Station	(Southbound) Hume HIGHWAY	Service Station	Regulation under CLM Act not required	-34.28291571	150.6394606
PHEASANTS NEST	7-Eleven (former Mobil) Service Station	(Northbound) Hume HIGHWAY	Service Station	Regulation under CLM Act not required	-34.28303112	150.6363145
PICTON	Coles Express Picton	93-99 Argyle STREET	Service Station	Regulation under CLM Act not required	-34.16844337	150.6114236
PICTON	McDonalds	69 -71 Argyle STREET	Service Station	Regulation under CLM Act not required	-34.16711877	150.6121524
PITT TOWN	Whites Water Service	1 Canning PLACE	Other Industry	Regulation under CLM Act not required	-33.57418268	150.8811385
PLUMPTON	Woolworths Service Station Plumpton (Plumpton Marketplace Shops)	260 Jersey ROAD	Service Station	Regulation under CLM Act not required	-33.74478874	150.8369408
POINT PIPER	5 Wunulla Road, Point Piper	5 Wunulla ROAD	Other Industry	Under assessment	-33.868382	151.253274
PORT BOTANY	Vopak B	20 Friendship ROAD	Chemical Industry	Regulation under CLM Act not required	-33.97946548	151.2121752
PORT BOTANY	Vopak A	49 Friendship ROAD	Chemical Industry	Regulation under CLM Act not required	-33.97426175	151.2206228
PORT BOTANY	Terminals	45 Friendship ROAD	Chemical Industry	Regulation under CLM Act not required	-33.97609287	151.2174402

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
PORT BOTANY	Bunnerong Canal	Between Brotherson Dock and Bumborah Point ROAD	Unclassified	Regulation under CLM Act not required	-33.96798227	151.2230052
PORT BOTANY	Bulk Liquids Berth UPSS, Port Botany	Charlotte ROAD	Other Petroleum	Regulation under CLM Act not required	-33.97386329	151.2120157
PORT BOTANY	Port Operations Centre UPSS, Port Botany	Penrhyn ROAD	Other Petroleum	Regulation under CLM Act not required	-33.96803686	151.2205968
PORT BOTANY	Port Botany Railway Corridors	Friendship ROAD	Other Industry	Regulation under CLM Act not required	-33.95467008	151.2178012
PORT BOTANY	Smith Bros	4 Bumborah Point ROAD	Other Petroleum	Regulation under CLM Act not required	-33.9681757	151.2239505
PORT BOTANY	Vopak Terminals	21 Fishburn ROAD	Other Industry	Under assessment	-33.97946548	151.2121752
PORT KEMBLA	Coates Hire Facility (Eastern Portion)	1 Flinders STREET	Other Industry	Regulation under CLM Act not required	-34.47104817	150.89162
PORT KEMBLA	Shell Port Kembla CVRO	87-89 Flinders STREET	Other Petroleum	Regulation under CLM Act not required	-34.46964995	150.8953859
PORT KEMBLA	Darcy Road Rail Sidings	Darcy ROAD	Other Industry	Regulation under CLM Act not required	-34.47792834	150.9105503
PORT KEMBLA	No 2 Steelworks	Five Islands ROAD	Metal Industry	Contamination formerly regulated under the CLM Act	-34.45965024	150.8844432
PORT KEMBLA	Port Kembla Orica	Foreshore Road and Darcy ROAD	Other Industry	Contamination currently regulated under CLM Act	-34.47773583	150.9054545
PORT KEMBLA	Port Kembla, Auszinc Metals and Alloys	Lot 2 Shellharbour ROAD	Metal Industry	Regulation under CLM Act not required	-34.49335414	150.8961205
PORT KEMBLA	South Yard Rail Sidings	Lot 3 Old Port ROAD	Unclassified	Regulation under CLM Act not required	-34.47500551	150.8951759
PORT KEMBLA	Manildra Park	Flinders STREET	Other Petroleum	Contamination formerly regulated under the CLM Act	-34.46946878	150.8935731
PORT KEMBLA	Port Kembla Copper Smelter	Military ROAD	Metal Industry	Contamination currently regulated under POEO Act	-34.4810006	150.9063426

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
PORT KEMBLA	Caltex Service Station	16 Flinders STREET	Service Station	Regulation under CLM Act not required	-34.47058088	150.8945864
PORT KEMBLA	BHP Area 21	Springhill ROAD	Metal Industry	Contamination formerly regulated under the CLM Act	-34.45243931	150.8676495
PORT KEMBLA	Port Kembla Steelworks Recycling Area	Springhill ROAD	Unclassified	Regulation under CLM Act not required	-34.45271181	150.8677127
PORT KEMBLA	Commonwealth Rolling Mills (CRM)	Old Port ROAD	Metal Industry	Regulation under CLM Act not required	-34.47476117	150.8974746
PORT KEMBLA	Port Kembla, Former Electricity Commission Site	Old Port Road/Christie Drive ROAD	Other Industry	Regulation under CLM Act not required	-34.46899143	150.8982854
PORT KEMBLA	Port Kembla Steelworks - Steelhaven	Five Islands ROAD	Other Industry	Regulation under CLM Act not required	-34.47605247	150.891144
PORT KEMBLA	Port Kembla Steelworks - No.1 Works Site	Five Islands ROAD	Metal Industry	Regulation under CLM Act not required	-34.47386606	150.8794912
PORT KEMBLA	Port Kembla Springhill Works	Springhill ROAD	Metal Industry	Regulation under CLM Act not required	-34.45574479	150.875052
PORT MACQUARIE	Former Mobil Depot	211 Lake ROAD	Other Petroleum	Regulation under CLM Act not required	-31.44688513	152.8864499
PORT MACQUARIE	Caltex Service Station	112-114 Gordon STREET	Service Station	Regulation under CLM Act not required	-31.43491709	152.9047618
PORT MACQUARIE	Caltex Port Macquarie Service Station	29 Lord STREET	Service Station	Regulation under CLM Act not required	-31.43326436	152.9169873
PORT MACQUARIE	Coles Myer	43 John Oxley DRIVE	Service Station	Regulation under CLM Act not required	-31.45741442	152.8739626
PORT MACQUARIE	Air BP Avgas Facility	Oliver DRIVE	Other Petroleum	Regulation under CLM Act not required	-31.43227222	152.8681083
PORT MACQUARIE	Former Mobil Service Station	Corner Oxley Highway and Major Innes DRIVE	Service Station	Regulation under CLM Act not required	-31.45738931	152.873956
PORT MACQUARIE	Port Macquarie Council Depot	Koala STREET	Unclassified	Regulation under CLM Act not required	-31.45341586	152.9032764

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
PORT MACQUARIE	Shell Coles Express Port Macquarie Service Station	121 Gordon STREET	Service Station	Regulation under CLM Act not required	-31.4343131	152.9046869
PORT MACQUARIE	Caltex Service Station	92 Hastings River DRIVE	Service Station	Regulation under CLM Act not required	-31.42934052	152.8830188
PORT MACQUARIE	Caltex Service Station	12-14 Bolwarra ROAD	Service Station	Regulation under CLM Act not required	-31.45015286	152.8854769
PORT MACQUARIE	Car park	28 Hayward STREET	Other Industry	Regulation under CLM Act not required	-31.43385131	152.9072399
PORTLAND	Ivanhoe Colliery	Pipers Flat ROAD	Other Industry	Regulation under CLM Act not required	-33.36595748	150.0099577
PORTLAND	Mt Piper Power Station	350 Boulder ROAD	Other Petroleum	Regulation under CLM Act not required	-33.35581541	150.0350801
PRAIRIEWOOD	7-Eleven (former Caltex) Service Station	485-487 Smithfield ROAD	Service Station	Regulation under CLM Act not required	-33.87102509	150.9031383
PRESTONS	Jalco Automotive Pty Ltd	238 Hoxton Park ROAD	Unclassified	Under assessment	-33.928012	150.892804
PROSPECT	7-Eleven (former Mobil) Service Station Prospect	354 Flushcombe ROAD	Service Station	Regulation under CLM Act not required	-33.79541624	150.9049417
PROSPECT	Pincott's Cottage, Gate C1	Off Reservoir ROAD	Unclassified	Regulation under CLM Act not required	-33.81589773	150.9144343
PROSPECT	Gatehouse, 544 Reservoir Road	544 Reservoir ROAD	Unclassified	Regulation under CLM Act not required	-33.81026272	150.9160605
PROSPECT	Cottage 3, William Lawson Drive	William Lawson DRIVE	Unclassified	Regulation under CLM Act not required	-33.81490331	150.9149885
PUNCHBOWL	Former BP Service Station	1375 Canterbury Road, corner Victoria ROAD	Service Station	Regulation under CLM Act not required	-33.93170424	151.0537302
PUNCHBOWL	Punchbowl Laundry	42-44 Belmore ROAD	Chemical Industry	Contamination currently regulated under CLM Act	-33.93582701	151.0562638
PUNCHBOWL	Caltex Service Station Punchbowl	1285-1289 Canterbury ROAD	Service Station	Regulation under CLM Act not required	-33.93146308	151.0596348

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
PUTNEY	Putney Marina	20 Waterview STREET	Other Industry	Regulation under CLM Act not required	-33.82608091	151.1003966
PYMBLE	Caltex Service Station	1089 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-33.74102977	151.1385257
PYMBLE	Shell Coles Express Service Station	21 Ryde ROAD	Service Station	Regulation under CLM Act not required	-33.75198512	151.1438115
PYMBLE	Former 3M site	950 Pacific HIGHWAY	Gasworks	Regulation under CLM Act not required	-33.75050288	151.1460578
PYMBLE	Pymble West Dry Cleaners	6 Philip MALL	Other Industry	Under preliminary investigation order	-33.76109009	151.1284329
PYRMONT	Former Council Works Depot (Fig and Wattle Depot)	14-26 Wattle STREET	Other Industry	Regulation under CLM Act not required	-33.8752655	151.1942645
QUAKERS HILL	7-Eleven (former Mobil) Service Station	83 Lalor ROAD	Service Station	Regulation under CLM Act not required	-33.72759077	150.8966764
QUAKERS HILL	BP Branded Parkway (Former Caltex) Service Station Quakers Hill	450 Quakers Hill PARKWAY	Service Station	Regulation under CLM Act not required	-33.72998613	150.9023617
QUEANBEYAN	Former Mobil Service Station	153 Uriarra ROAD	Service Station	Regulation under CLM Act not required	-35.34425514	149.2148687
QUEANBEYAN	Bill Lilley Automotive	169 Crawford STREET	Service Station	Regulation under CLM Act not required	-35.35138121	149.232486
QUEANBEYAN	Woolworths Queanbeyan Service Station	196 Crawford (Cnr Morisset St) STREET	Service Station	Regulation under CLM Act not required	-35.35163055	149.2335759
QUEANBEYAN	Caltex Queanbeyan Service Station	88 Macquoid (also known as Bungendore Rd) STREET	Service Station	Regulation under CLM Act not required	-35.34930535	149.2438607
QUEANBEYAN	Former Mobil Emoleum Depot	109-111 High STREET	Other Petroleum	Regulation under CLM Act not required	-35.3396115	149.237556
QUEANBEYAN	Former Caltex Depot	20-30 Railway STREET	Other Petroleum	Regulation under CLM Act not required	-35.34187485	149.2247277
QUEANBEYAN EAST	BP-Branded Service Station Queanbeyan	50 Yass ROAD	Service Station	Regulation under CLM Act not required	-35.34126641	149.2445103

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
QUEANBEYAN WEST	Caltex Service Station	Lanyon Dr Cnr Mccrae St (1 Suraci Place) STREET	Service Station	Regulation under CLM Act not required	-35.36372923	149.2067531
QUIRINDI	Former Mobil Depot Quirindi	4-6 Cross STREET	Other Petroleum	Regulation under CLM Act not required	-31.49903355	150.681972
QUIRINDI	Tamarang ServiCentre Quirindi	113-117 Station (also known as 119-121 Nowland) STREET	Service Station	Under assessment	-31.50179204	150.6814611
QUIRINDI	Caltex Service Station, Quirindi	199-201 George STREET	Service Station	Regulation under CLM Act not required	-31.5068778	150.6805874
RAMSGATE	Shell Coles Express Service Station	Grand Parade cnr Ramsgate ROAD	Service Station	Regulation under CLM Act not required	-33.98537988	151.1471234
RANDWICK	7-Eleven Service Station	126-130 Barker STREET	Service Station	Contamination currently regulated under CLM Act	-33.92096152	151.2355927
RANDWICK	Caltex Service Station	2 Alison ROAD	Service Station	Regulation under CLM Act not required	-33.9065752	151.2320697
RANDWICK	Metro Petroleum	345 Avoca STREET	Service Station	Regulation under CLM Act not required	-33.92544832	151.2396799
RANDWICK	Service Station, Randwick	33-37 Carrington ROAD	Service Station	Contamination currently regulated under CLM Act	-33.90655015	151.2525065
RAVENSWORTH	Ravensthorpe Operations Narama Mine	Lemington ROAD	Other Industry	Regulation under CLM Act not required	-32.47115903	151.0359579
RAVENSWORTH	Cumnock Colliery	Pikes Gully ROAD	Other Industry	Regulation under CLM Act not required	-32.40218281	150.9960082
RAYMOND TERRACE	Shell Coles Express Raymond Terrace	107 Adelaide (formerly Pacific Highway) STREET	Service Station	Regulation under CLM Act not required	-32.76110922	151.7492847
RAYMOND TERRACE	Caltex Service Station Raymond Terrace	136 Adelaide Street, corner Glenelg STREET	Service Station	Regulation under CLM Act not required	-32.76503842	151.7425264
RAYMOND TERRACE	Former Motor Registry	53 William STREET	Other Petroleum	Regulation under CLM Act not required	-32.76286473	151.7445839
RAYMOND TERRACE	Raymond Terrace Wastewater Treatment Works	22 Elizabeth AVENUE	Other Industry	Regulation under CLM Act not required	-32.7745339	151.7498871

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
RAZORBACK	Muscat Developments Pty Ltd	115 Mount View CLOSE	Unclassified	Under assessment	-34.157069	150.634647
REDFERN	BP Service Station	116 Regent STREET	Service Station	Regulation under CLM Act not required	-33.89367876	151.1995256
REDFERN	Former Printing Works	101a Marriott STREET	Other Industry	Regulation under CLM Act not required	-33.89512556	151.2113422
REDFERN	BP-branded Jasbe Surry Hills	411 Cleveland STREET	Service Station	Regulation under CLM Act not required	-33.89183974	151.2132466
REDFERN	Surry Hills Shopping Village	397-399 Cleveland & 2-38 Baptist STREET	Other Industry	Regulation under CLM Act not required	-33.89229521	151.2119397
REVESBY	Dorf Clark Industries	184-194 Milperra ROAD	Metal Industry	Regulation under CLM Act not required	-33.93387149	151.000553
REVESBY	Thetis Pty Ltd - Bituminous Products	33-35 Violet STREET	Chemical Industry	Contamination currently regulated under CLM Act	-33.93702092	151.0067896
REVESBY	Mirotone Pty Ltd	21 Marigold STREET	Chemical Industry	Contamination currently regulated under POEO Act	-33.93559608	151.0002207
REVESBY	Caltex Service Station Revesby	181 The River ROAD	Service Station	Regulation under CLM Act not required	-33.95573605	151.0171779
RHODES	Homebush Bay Sediments adjoining the former UCAL and Allied Feeds sites	Homebush BAY	Chemical Industry	Ongoing maintenance required to manage residual contamination (CLM Act)	-33.8263749	151.0839216
RHODES	Former Glad factory site	10-16 Marquet STREET	Chemical Industry	Regulation under CLM Act not required	-33.82884048	151.0848716
RHODES	Former Allied Feeds site	Walker STREET	Other Industry	Contamination formerly regulated under the CLM Act	-33.82465376	151.0870401
RHODES	Former UCAL site	Walker STREET	Chemical Industry	Ongoing maintenance required to manage residual contamination (CLM Act)	-33.82727505	151.0853195
RHODES	Homebush Bay sediments adjoining former Berger Paint factory	Oulton AVENUE	Chemical Industry	Contamination currently regulated under CLM Act	-33.83535308	151.083238
RICHMOND	Caltex Richmond Service Station	98 March (Cnr East Market St) STREET	Service Station	Regulation under CLM Act not required	-33.59937996	150.7514483

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
RIVERSTONE	Axalta Coating Systems	15-23 Melbourne ROAD	Other Industry	Regulation under CLM Act not required	-33.6636649	150.8557519
RIVERSTONE	7-Eleven Riverstone	55 Garfield ROAD	Service Station	Regulation under CLM Act not required	-33.67802232	150.8635246
RIVERSTONE	Woolworths Vineyard Service Station, Riverstone	1 Woodland Street, corner of Windsor ROAD	Service Station	Regulation under CLM Act not required	-33.65607641	150.8724067
RIVERSTONE	Vacant Commercial Land	88-94 Junction ROAD	Unclassified	Regulation under CLM Act not required	-33.66226398	150.8789967
RIVERWOOD	7-Eleven Riverwood	30 Bonds ROAD	Service Station	Regulation under CLM Act not required	-33.9523701	151.0583887
ROCKDALE	7-Eleven (former Mobil) Service Station	293 West Botany STREET	Service Station	Regulation under CLM Act not required	-33.94995672	151.1484667
ROCKDALE	7-Eleven Service Station	99 Railway STREET	Service Station	Regulation under CLM Act not required	-33.95247322	151.1356785
ROCKDALE	Lindsay St, Rockdale	7 Lindsay STREET	Other Industry	Under assessment	-33.95900867	151.1436466
ROOTY HILL	7-Eleven (former Mobil) Service Station	106 Rooty Hill Road South ROAD	Service Station	Regulation under CLM Act not required	-33.78036181	150.8501998
ROOTY HILL	7-Eleven (former Mobil) Service Station	1042 Great Western HIGHWAY	Service Station	Regulation under CLM Act not required	-33.78214955	150.8287656
ROOTY HILL	Infrabuild NSW Pty Ltd (formerly OneSteel NSW Pty Ltd)	22 Kellogg ROAD	Other Industry	Regulation under CLM Act not required	-33.76664143	150.8493465
ROSE BAY	Caltex Rose Bay Service Station	488 Old South Head ROAD	Service Station	Regulation under CLM Act not required	-33.87475145	151.2723847
ROSE BAY	Rose Bay Budget Service station	638-646 New South Head ROAD	Service Station	Contamination formerly regulated under the CLM Act	-33.87062149	151.2677617
ROSEBERY	Autofoil P/L	2 Mentmore AVENUE	Other Industry	Regulation under CLM Act not required	-33.91121318	151.2054882
ROSEBERY	Caltex Rosebery Service Station	321 Gardeners (Cnr Macquarie St) ROAD	Service Station	Contamination formerly regulated under the CLM Act	-33.92302898	151.2059541

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
ROSEBERY	Former Industrial Site (Former Electroplating Facility)	108 Dunning AVENUE	Other Industry	Regulation under CLM Act not required	-33.91630811	151.201557
ROSEBERY	Rosebery Service Station	395 Gardeners ROAD	Service Station	Contamination formerly regulated under the CLM Act	-33.92246784	151.2024589
ROSEHILL	James Hardie Australia and former James Hardie lands	8 and 10 Colquhoun Street and 5 Devon STREET	Landfill	Ongoing maintenance required to manage residual contamination (CLM Act)	-33.82539019	151.0339466
ROSEHILL	2 Ritchie Street, Rosehill	2 Ritchie STREET	Unclassified	Contamination formerly regulated under the CLM Act	-33.82691192	151.0154948
ROSEHILL	James Hardie Factory (former, western portion)	181 James Ruse DRIVE	Other Industry	Ongoing maintenance required to manage residual contamination (CLM Act)	-33.81605834	151.0238145
ROSELANDS	Roselands Shopping Centre	24 Roseland AVENUE	Service Station	Regulation under CLM Act not required	-33.93499281	151.0691284
ROSELANDS	Woolworths Caltex Petrol Service Station Roselands	218 King Georges ROAD	Service Station	Regulation under CLM Act not required	-33.93303118	151.0735036
ROSELANDS	7-Eleven (former Mobil) Service Station	91 Canary's ROAD	Service Station	Regulation under CLM Act not required	-33.93356078	151.0736274
ROSEVILLE	Mobil Service Station	2 Boundary STREET	Service Station	Regulation under CLM Act not required	-33.78769177	151.1796011
ROSEVILLE CHASE	Coles Express Roseville Chase	388 Eastern Valley WAY	Service Station	Regulation under CLM Act not required	-33.78337722	151.1973901
ROZELLE	Caltex Service Station	121 Victoria ROAD	Service Station	Regulation under CLM Act not required	-33.86252996	151.168497
ROZELLE	7-Eleven (former Mobil) Service Station	178-180 (176-184) Victoria ROAD	Service Station	Regulation under CLM Act not required	-33.8630268	151.1680857
ROZELLE	Kennards Rozelle	15-39 Wellington STREET	Other Petroleum	Regulation under CLM Act not required	-33.86176757	151.1686519
ROZELLE	White Bay Power Station	Robert STREET	Other Industry	Regulation under CLM Act not required	-33.86674636	151.1772204
ROZELLE	BP Service Station	Corner Darling Street and Thornton STREET	Service Station	Regulation under CLM Act not required	-33.8591647	151.1716591

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
RUFUS RIVER	SA Water Depot - Rufus River	Old Wentworth STREET	Other Petroleum	Regulation under CLM Act not required	-34.04191512	141.2679475
RUSHCUTTERS BAY	d'Albora Marinas	1b New Beach ROAD	Other Industry	Contamination currently regulated under POEO Act	-33.87351297	151.2345082
RUTHERFORD	Rutherford Transpacific	11 Kyle STREET	Other Industry	Regulation under CLM Act not required	-32.71105203	151.500311
RUTHERFORD	Shell Coles Express Service Station Rutherford	118 New England HIGHWAY	Service Station	Regulation under CLM Act not required	-32.7208703	151.5394595
RUTHERFORD	Caltex Service Station	134-138 New England HIGHWAY	Service Station	Regulation under CLM Act not required	-32.7202589	151.5381526
RUTHERFORD	Transpacific Industrial Services/Nationwide Oil Pty Ltd	99 Kyle STREET	Chemical Industry	Regulation under CLM Act not required	-32.71262159	151.5013865
RUTHERFORD	former Anambah Landfill	Anambah ROAD	Landfill	Under assessment	-32.698605	151.504263
RYDALMERE	Caltex Service Station	309 Victoria ROAD	Service Station	Regulation under CLM Act not required	-33.81196193	151.0371185
RYDALMERE	Mitsubishi Electric	348 Victoria ROAD	Other Industry	Contamination currently regulated under CLM Act	-33.81040138	151.0392812
RYDALMERE	Rheem Australia	1 Alan STREET	Other Industry	Contamination formerly regulated under the CLM Act	-33.81545013	151.0295476
RYDALMERE	BP Service Station	265 Victoria ROAD	Service Station	Regulation under CLM Act not required	-33.8109483	151.0328101
RYDALMERE	Hunter Douglas	Victoria ROAD	Chemical Industry	Regulation under CLM Act not required	-33.81009112	151.0384732
RYDALMERE	United Petroleum (former 7-Eleven) Service Station Rydalmere	262-272 Victoria ROAD	Service Station	Regulation under CLM Act not required	-33.81006724	151.032377
RYDE	Shell Coles Express Ryde	45 Lane Cove ROAD	Service Station	Regulation under CLM Act not required	-33.80726028	151.109981
RYDE	Caltex Service Station	110 Lane Cove ROAD	Service Station	Regulation under CLM Act not required	-33.80142973	151.1137925

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
RYDE	7-Eleven (former Mobil) Service Station	326-328 Blaxland ROAD	Service Station	Regulation under CLM Act not required	-33.80242183	151.1004278
RYDE	Ryde Bus Depot	51 - 75 Buffalo ROAD	Other Petroleum	Regulation under CLM Act not required	-33.81679771	151.1225255
SANCTUARY POINT	United Service Station, Sanctuary Point	147 Larmer AVENUE	Service Station	Regulation under CLM Act not required	-35.09918861	150.6329537
SANDGATE	Caltex Service Station Sandgate	162 Maitland ROAD	Service Station	Regulation under CLM Act not required	-32.86501596	151.706161
SANDGATE	North Limited Storage Handling facility	Maitland ROAD	Other Industry	Contamination formerly regulated under the CLM Act	-32.86598453	151.7012866
SANS SOUCI	7-Eleven (Former Mobil) Service Station	474 Rocky Point ROAD	Service Station	Regulation under CLM Act not required	-33.99088939	151.1333779
SANS SOUCI	BP Sans Souci	520 Rocky Point ROAD	Service Station	Contamination currently regulated under CLM Act	-33.99245122	151.1323571
SANS SOUCI	Kendall Street Reserve	Lawson Street and Kendall STREET	Landfill	Under preliminary investigation order	-33.99966431	151.13005
SANS SOUCI	Former Service Station	542-544 Rocky Point ROAD	Service Station	Contamination was addressed via the planning process (EP&A Act)	-33.99376148	151.1316131
SANS SOUCI	Former 7-Eleven Ramsgate	368 Rocky Point ROAD	Service Station	Contamination formerly regulated under the CLM Act	-33.98615125	151.1359961
SCHOFIELDS	Reserve 478, Grange Avenue, Schofields	Reserve 478, Grange AVENUE	Landfill	Regulation under CLM Act not required	-33.701489	150.852739
SCONE	Shell Coles Express Service Station	91- 93 Kelly STREET	Service Station	Contamination currently regulated under CLM Act	-32.04715941	150.8676346
SCONE	Scone Works Depot	220 Susan STREET	Other Petroleum	Regulation under CLM Act not required	-32.04444892	150.879152
SCONE	Mobil Scone Airport Elt	8 Walter Pye AVENUE	Other Petroleum	Regulation under CLM Act not required	-32.03596733	150.8323698
SCONE	BP - Former Depot	Scone St, Guernsey St & Susan STREET	Service Station	Contamination formerly regulated under the CLM Act	-32.04599284	150.8662046

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
SCONE	BP Scone	26 Kelly STREET	Service Station	Regulation under CLM Act not required	-32.04033034	150.86549
SCONE	BP Scone Service Station	58 Kelly STREET	Service Station	Contamination currently regulated under CLM Act	-32.043752	150.866301
SEVEN HILLS	7-Eleven (Former Mobil) Service Station Seven Hills	151 Prospect HIGHWAY	Service Station	Regulation under CLM Act not required	-33.76894646	150.9427004
SEVEN HILLS	Australia Post	3 Powers ROAD	Unclassified	Regulation under CLM Act not required	-33.77434009	150.9395495
SEVEN HILLS	Car Park (Former Brickworks / Warehouse)	1 Powers ROAD	Other Industry	Regulation under CLM Act not required	-33.77387442	150.9379787
SEVEN HILLS	BP-branded Jasbe Petroleum Service Station	156 Prospect HIGHWAY	Service Station	Regulation under CLM Act not required	-33.76906502	150.9414821
SEVEN HILLS	Caltex Service Station	38 Abbott ROAD	Service Station	Regulation under CLM Act not required	-33.76692649	150.9548271
SEVEN HILLS	Caltex Service Station Seven Hills	105 Station ROAD	Service Station	Regulation under CLM Act not required	-33.77435881	150.9448733
SEVEN HILLS	Former Australian Waste Oil Refineries Site	27 Powers ROAD	Other Industry	Contamination formerly regulated under the CLM Act	-33.77536127	150.9511122
SHELLY BEACH	Former Shelly Beach Landfill	Oaks AVENUE	Landfill	Regulation under CLM Act not required	-33.36700551	151.4913631
SHORTLAND	Former Astra Street Landfill	2 (part) & 28 (part) Astra STREET	Landfill	Contamination currently regulated under CLM Act	-32.8689426	151.6974685
SHORTLAND	Tuxford Park landfill	10 King STREET	Landfill	Regulation under CLM Act not required	-32.87721139	151.6936837
SHORTLAND	Former Lorna St landfill	8/475 Sandgate ROAD	Landfill	Regulation under CLM Act not required	-32.87888726	151.7023245
SHORTLAND	7-Eleven (Former BP) Service Station	298-302 Sandgate ROAD	Service Station	Regulation under CLM Act not required	-32.8861645	151.6953912
SHORTLAND	Shortland Wastewater Treatment Works	Aden STREET	Other Industry	Under assessment	-32.882996	151.684745

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
SILVERWATER	Former Silverwater Landfill	Carnarvon ROAD	Landfill	Contamination currently regulated under CLM Act	-33.83506394	151.033214
SILVERWATER	Vacant property	103-105 Silverwater ROAD	Other Industry	Regulation under CLM Act not required	-33.83831374	151.0472576
SILVERWATER	Storage Facility	54-58 Derby STREET	Unclassified	Under assessment	-33.83855869	151.0478649
SILVERWATER	Former Printing Facility	46-58 Derby STREET	Other Industry	Under assessment	-33.83866058	151.0482675
SILVERWATER	Silverwater Correctional Complex	Holker STREET	Landfill	Regulation under CLM Act not required	-33.83123611	151.0585298
SINGLETON	BP Service Station Singleton	53 George (Cnr Macquarie St) STREET	Other Petroleum	Regulation under CLM Act not required	-32.56182325	151.1748054
SINGLETON	Singleton Gasworks	55-57 John STREET	Gasworks	Contamination formerly regulated under the CLM Act	-32.56774715	151.1658188
SINGLETON	Shell Coles Express Service Station	69-73 George STREET	Service Station	Regulation under CLM Act not required	-32.56297156	151.1755215
SINGLETON	Mobil Singleton Airport Elt	74B Range ROAD	Other Petroleum	Regulation under CLM Act not required	-32.60270846	151.1944828
SINGLETON	Putty Saw Mill	(via Singleton) Putty ROAD	Other Industry	Contamination currently regulated under CLM Act	-32.99958725	150.7111684
SINGLETON	NSW Mines Rescue Services - Singleton	6 Lachlan AVENUE	Other Industry	Regulation under CLM Act not required	-32.54537821	151.156584
SMITHFIELD	Caltex Smithfield	16-18 Tait STREET	Service Station	Regulation under CLM Act not required	-33.84596441	150.9435497
SMITHFIELD	Freestones	1 Hume ROAD	Other Petroleum	Regulation under CLM Act not required	-33.83577694	150.9310112
SMITHFIELD	Liquip International	13 Hume ROAD	Other Industry	Regulation under CLM Act not required	-33.83802635	150.9319034
SMITHFIELD	Coles Express (former Mobil) Service Station	678 The Horsley Drive, corner Smithfield ROAD	Service Station	Regulation under CLM Act not required	-33.85376154	150.9400104

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
SMITHFIELD	Former Landfill	Little STREET	Landfill	Contamination being managed via the planning process (EP&A Act)	-33.85025253	150.9411561
SOUTH ALBURY	BP Border Service Station	Corner Ebdon Street and Wodonga PLACE	Service Station	Contamination formerly regulated under the CLM Act	-36.08875942	146.9093882
SOUTH BOWENFELS	Shell Coles Express Service Station	Lot 1 Great Western HIGHWAY	Service Station	Regulation under CLM Act not required	-33.50589001	150.1238487
SOUTH COOGEE	Caltex South Coogee Service Station	169-173 Malabar ROAD	Service Station	Regulation under CLM Act not required	-33.93233184	151.2574377
SOUTH GRAFTON	Shell Coles Express Service Station	91 Bent STREET	Service Station	Regulation under CLM Act not required	-29.70605829	152.9400329
SOUTH GRAFTON	Former United (former Mobil) Service Station	Corner Pacific Highway and Charles STREET	Service Station	Regulation under CLM Act not required	-29.70814828	152.9412928
SOUTH GRAFTON	Former Caltex Service Station	46-58 Schwinghammer STREET	Service Station	Regulation under CLM Act not required	-29.71149672	152.9453337
SOUTH GRAFTON	Former Caltex Depot South Grafton	72-82 Swallow ROAD	Other Petroleum	Regulation under CLM Act not required	-29.73168549	152.944024
SOUTH GRAFTON	Caltex Service Station	Pacific Hwy Cnr Gwyder HIGHWAY	Service Station	Regulation under CLM Act not required	-29.70739015	152.9425508
SOUTH GRANVILLE	Enhance Service Station South Granville	2 Rawson ROAD	Service Station	Regulation under CLM Act not required	-33.86366193	151.0088768
SOUTH KEMPSEY	Caltex Service Station	52 Lachlan STREET	Service Station	Regulation under CLM Act not required	-31.09361084	152.8370796
SOUTH LISMORE	North Coast Petroleum (Former Mobil) Depot Lismore	19-21 Elliot ROAD	Other Petroleum	Regulation under CLM Act not required	-28.81212046	153.2661935
SOUTH LISMORE	Former Mobil Service Station	126 - 128 Union STREET	Service Station	Regulation under CLM Act not required	-28.81242175	153.267541
SOUTH LISMORE	Caltex Service Station	237 Union STREET	Service Station	Regulation under CLM Act not required	-28.82052708	153.2648111
SOUTH LISMORE	Former Mobil Depot	26-32 Phyllis STREET	Other Petroleum	Regulation under CLM Act not required	-28.81005206	153.2660073

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
SOUTH MURWILLUMBAH	Former Caltex Depot	39 Lundberg DRIVE	Service Station	Regulation under CLM Act not required	-28.332622	153.4212884
SOUTH MURWILLUMBAH	Caltex Service Station	1-7 Buchanan (Cnr Tweed Valley Way) STREET	Service Station	Regulation under CLM Act not required	-28.32687988	153.4093274
SOUTH MURWILLUMBAH	Former Mobil Depot	45 Wardrop STREET	Other Petroleum	Regulation under CLM Act not required	-28.33421395	153.3993772
SOUTH NOWRA	Caltex South Nowra	100 Princes HIGHWAY	Service Station	Regulation under CLM Act not required	-34.90516081	150.6029621
SOUTH PENRITH	7-Eleven Service Station	45 Aspen STREET	Service Station	Regulation under CLM Act not required	-33.77727694	150.7107228
SOUTH TAMWORTH	Coles Express Tamworth	251 - 253 Goonoo Goonoo ROAD	Service Station	Contamination currently regulated under CLM Act	-31.1118945	150.9228523
SOUTH TAMWORTH	Caltex Service Station	2 Kathleen Street, corner Kent STREET	Service Station	Regulation under CLM Act not required	-31.10361712	150.9186343
SOUTH WENTWORTHVILLE	Aldi Stores Development	331-339 Great Western HIGHWAY	Metal Industry	Regulation under CLM Act not required	-33.81605854	150.9697429
SOUTH WENTWORTHVILLE	Caltex Service Station	313 Great Western HIGHWAY	Service Station	Regulation under CLM Act not required	-33.81643692	150.9718802
SOUTH WEST ROCKS	Former Trial Bay Caltex Depot	Phillip DRIVE	Other Petroleum	Under assessment	-30.89190078	153.0573056
SOUTH WEST ROCKS	Former Shell Trial Bay Depot	Phillip DRIVE	Other Petroleum	Regulation under CLM Act not required	-30.89273836	153.0612772
SOUTH WEST ROCKS	Residential area and Reserve opposite Former Caltex terminal	Phillip DRIVE	Other Petroleum	Regulation under CLM Act not required	-30.89172594	153.0573164
SPRINGVALE	Springvale Colliery	Castlereagh HIGHWAY	Other Industry	Regulation under CLM Act not required	-33.40334736	150.1070462
ST CLAIR	7-Eleven (former Mobil) Service Station	4 Endeavour AVENUE	Service Station	Regulation under CLM Act not required	-33.79430926	150.7885793
ST IVES	7-Eleven (former Mobil) St Ives Service Station	157-159 Mona Vale Road, corner Putarri AVENUE	Service Station	Regulation under CLM Act not required	-33.73265301	151.1563899

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
ST IVES	Caltex Service Station	452 Mona Vale ROAD	Service Station	Regulation under CLM Act not required	-33.70752272	151.187545
ST IVES	Caltex Service Station	164 Mona Vale ROAD	Service Station	Regulation under CLM Act not required	-33.7307595	151.1570462
ST IVES	Caltex Service Station St Ives	363 Mona Vale ROAD	Service Station	Regulation under CLM Act not required	-33.7168971	151.1735263
ST IVES	Shell Service Station	179-181 Mona Vale ROAD	Service Station	Contamination formerly regulated under the CLM Act	-33.73124859	151.1575827
ST LEONARDS	Telstra Data Centre	4A Herbert STREET	Other Petroleum	Regulation under CLM Act not required	-33.81873741	151.1914222
ST MARYS	Former Woolworths Service Station	120-128 Forrester ROAD	Service Station	Regulation under CLM Act not required	-33.75525115	150.7752897
ST MARYS	7-Eleven (former Mobil) Service Station	2 Christie STREET	Service Station	Regulation under CLM Act not required	-33.74790843	150.7767667
ST MARYS	7-Eleven (former Mobil) Service Station	2 Wilson STREET	Service Station	Regulation under CLM Act not required	-33.77790415	150.771689
ST MARYS	Solveco	38 LINKS ROAD	Other Industry	Contamination currently regulated under CLM Act	-33.73875413	150.7716457
ST MARYS	Integral Energy Mt Druitt Transmission Substation	69 Kurrajong North ROAD	Other Industry	Regulation under CLM Act not required	-33.76376093	150.7921691
ST MARYS	Caltex St Marys Service Station	Wordoo St Cnr Forrester ROAD	Service Station	Regulation under CLM Act not required	-33.75334263	150.7755489
ST MARYS	Chemcolour Industries	19-25 Anne STREET	Chemical Industry	Regulation under CLM Act not required	-33.75027071	150.7725397
ST MARYS	Old Drycleaning location	1-7 Queen STREET	Other Industry	Under assessment	-33.76223376	150.774412
ST MARYS	St Mary's Shopping Village	10 Charles Hackett DRIVE	Other Industry	Regulation under CLM Act not required	-33.76647672	150.7710143
ST PETERS	Cooks River Rail Terminal	20 Canal ROAD	Unclassified	Regulation under CLM Act not required	-33.91943986	151.1726689

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
ST PETERS	Camdenville Park	May STREET	Other Industry	Regulation under CLM Act not required	-33.90911815	151.176951
ST PETERS	Former Tidyburn Facility	53 Barwon Park ROAD	Chemical Industry	Contamination formerly regulated under the CLM Act	-33.9130091	151.1809912
ST PETERS	BP Express Service Station	2 Princes HIGHWAY	Service Station	Regulation under CLM Act not required	-33.90982281	151.1809936
ST PETERS	Former Industrial Manufacturing Facility (Taubman's Paints)	75 Mary STREET	Other Industry	Regulation under CLM Act not required	-33.91307297	151.1731383
ST PETERS	Burrows Industrial Estate	1-3 Burrows ROAD	Landfill	Regulation under CLM Act not required	-33.91725	151.180616
STANMORE	125 Corunna Road	125 Corunna ROAD	Unclassified	Regulation under CLM Act not required	-33.88937382	151.1644589
STOCKTON	Former Coroba Landfill	310 Fullerton STREET	Landfill	Regulation under CLM Act not required	-32.89578751	151.7898857
STRATHFIELD	7-Eleven (former Mobil) Service Station	577 Liverpool ROAD	Service Station	Regulation under CLM Act not required	-33.88736091	151.0743474
STRATHFIELD SOUTH	Former Landfill Site	7-9 Dunlop STREET	Landfill	Regulation under CLM Act not required	-33.89509698	151.0796751
STROUD	Stroud Fuel Supplies (Former Caltex) Service Station	1 Cowper STREET	Service Station	Regulation under CLM Act not required	-32.39092749	151.9563089
SUFFOLK PARK	BP Service Station	207-209 Broken Head ROAD	Service Station	Regulation under CLM Act not required	-28.68800088	153.6083821
SUFFOLK PARK	Suffolk Park dip site	Cnr Broken Head Road & Beech DRIVE	Cattle Dip	Regulation under CLM Act not required	-28.6874242	153.6072824
SUMMER HILL	Maurice Dry Cleaners	150 Smith STREET	Other Industry	Under assessment	-33.891935	151.137331
SURRY HILLS	Woolworths Petrol Surry Hills	475 Cleveland STREET	Service Station	Regulation under CLM Act not required	-33.89223271	151.2161434
SURRY HILLS	Former Legion Cabs (Trading) Cooperative	81 & 81A (Formerly 69 - 81) Foveaux STREET	Service Station	Regulation under CLM Act not required	-33.88470082	151.2107944

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
SURRY HILLS	Ausgrid Road Reserve	Mary STREET	Other Industry	Regulation under CLM Act not required	-33.88292195	151.2095176
SUTHERLAND	United Service Station and Sutherland Reservoir	1 to 3 Oxford STREET	Service Station	Contamination currently regulated under CLM Act	-34.029532	151.0579906
SUTHERLAND	7-Eleven Service Station	693 Old Princes HIGHWAY	Service Station	Regulation under CLM Act not required	-34.02976735	151.0588789
SUTTON FOREST	Coles Express Sutton Forest West	Hume HIGHWAY	Service Station	Regulation under CLM Act not required	-34.60808989	150.2250592
SWANSEA	Caltex Service Station	126 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-33.08811841	151.6381764
SWANSEA	Swansea 1 - Wastewater Pumping Station	137 and 137a Northcote AVENUE	Other Industry	Regulation under CLM Act not required	-33.09733813	151.6473669
SYDENHAM	SRA Land	117 Railway PARADE	Other Industry	Regulation under CLM Act not required	-33.91560723	151.1656846
SYDENHAM	Sydenham XPT Maintenance Facility	Way STREET	Other Industry	Regulation under CLM Act not required	-33.91698468	151.1614089
SYDNEY	Interpro House (OSP 46581)	447 Kent STREET	Other Petroleum	Regulation under CLM Act not required	-33.87225413	151.204761
SYDNEY	Eurostar Dry Cleaners	100 Oxford STREET	Chemical Industry	Regulation under CLM Act not required	-33.8792987	151.2156647
SYDNEY	Chifley Tower (basement fuel storage area)	2 Chifley SQUARE	Other Petroleum	Under assessment	-33.865992	151.211838
SYDNEY OLYMPIC PARK	RMS Western Precinct	14A-14E and 16 Hill ROAD	Other Petroleum	Regulation under CLM Act not required	-33.82239777	151.0758664
SYDNEY OLYMPIC PARK	Haslams Creek South Area 3	At Kronos Hill, Kevin Coombes AVENUE	Landfill	Contamination formerly regulated under the CLM Act	-33.84113059	151.0602966
SYDNEY OLYMPIC PARK	Bicentennial Park	Bicentennial DRIVE	Landfill	Ongoing maintenance required to manage residual contamination (CLM Act)	-33.84456248	151.0788116
SYDNEY OLYMPIC PARK	Former Golf Driving Range Landfill	Sarah Durack AVENUE	Landfill	Ongoing maintenance required to manage residual contamination (CLM Act)	-33.85358517	151.0713987

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
SYDNEY OLYMPIC PARK	Kronos Hill Landfill	Kevin Coombes AVENUE	Landfill	Ongoing maintenance required to manage residual contamination (CLM Act)	-33.84014442	151.0649521
SYDNEY OLYMPIC PARK	Wilson Park (Former oil gas plant site)	Newington ROAD	Gasworks	Ongoing maintenance required to manage residual contamination (CLM Act)	-33.82623982	151.0536833
SYDNEY OLYMPIC PARK	Woo-la-ra Landfill	Hill ROAD	Landfill	Ongoing maintenance required to manage residual contamination (CLM Act)	-33.82695807	151.07282
SYDNEY OLYMPIC PARK	Aquatic Centre Carpark Landfill	Shane Gould AVENUE	Landfill	Ongoing maintenance required to manage residual contamination (CLM Act)	-33.85153457	151.0678127
SYDNEY OLYMPIC PARK	Blaxland Common Landfill	Jamieson STREET	Landfill	Ongoing maintenance required to manage residual contamination (CLM Act)	-33.82638382	151.05972
SYLVANIA	Caltex Service Station	61 Port Hacking ROAD	Service Station	Regulation under CLM Act not required	-34.0140089	151.104212
SYLVANIA HEIGHTS	Ampol Service Station (former Caltex) - Sylvania Heights	414-416 Princes HIGHWAY	Service Station	Contamination currently regulated under CLM Act	-34.02361051	151.0895394
TALBINGO	Old Town Landfill	Bridle STREET	Landfill	Regulation under CLM Act not required	-35.59018237	148.3041771
TALBINGO	T3 Spoil dump and adjoining river sediments	Off Snowy Mountains HIGHWAY	Landfill	Contamination formerly regulated under the CLM Act	-35.6177268	148.2926158
TALBINGO	Former grit blasting site	Old Damsite ROAD	Other Industry	Regulation under CLM Act not required	-35.60894551	148.3030165
TALLAWANG	Rail Corridor at Tallawang	Whistons LANE	Other Industry	Under assessment	-32.201009	149.45324
TAMINDA	Taminda Depots and Adjacent Areas	27-29 Gunnedah ROAD	Other Petroleum	Under assessment	-31.09642128	150.9058193
TAMINDA	Mobil Depot	9 Hinkler ROAD	Other Petroleum	Regulation under CLM Act not required	-31.09584286	150.9040493
TAMINDA	Cleanaway Operations Pty Ltd	31 Gunnedah ROAD	Other Industry	Under assessment	-31.09621029	150.9051567
TAMINDA	Cummins South Pacific Pty Ltd	141 Gunnedah ROAD	Other Petroleum	Under assessment	-31.096677	150.891745

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
TAMWORTH	Caltex Tamworth Service Station	109 Gunnedah ROAD	Service Station	Regulation under CLM Act not required	-31.09723226	150.8955299
TAMWORTH	Curlew Crescent	19-29 Curlew CRESCENT	Metal Industry	Regulation under CLM Act not required	-31.06963607	150.9069306
TAMWORTH	Former Service Station, Fitzpatrick Super Fund, Tamworth	210 Goonoo Goonoo ROAD	Service Station	Regulation under CLM Act not required	-31.10613594	150.9234143
TAMWORTH	Gunnedah Road Site	49 GUNNEDAH ROAD	Other Industry	Contamination formerly regulated under the CLM Act	-31.09574904	150.9021583
TAMWORTH	Elovera Former Sheep Dip	730 Ascot Calala ROAD	Cattle Dip	Regulation under CLM Act not required	-31.1801846	150.962897
TAMWORTH	Housing NSW	29 -33 White STREET	Other Petroleum	Regulation under CLM Act not required	-31.0915651	150.9357811
TAMWORTH	Former Mobil Service Station	373-375 Armidale ROAD	Service Station	Regulation under CLM Act not required	-31.10122679	150.9441341
TAMWORTH	Kensell's Mitsubishi	11-14 Kable AVENUE	Other Petroleum	Regulation under CLM Act not required	-31.08921565	150.9273063
TAMWORTH	Caltex Star Tamworth	21 White STREET	Service Station	Regulation under CLM Act not required	-31.09255137	150.9341709
TAMWORTH	Former Service Station Tamworth	(Cnr Scott Rd) 254-256 Goonoo Goonoo ROAD	Service Station	Regulation under CLM Act not required	-31.1118945	150.9228523
TAMWORTH	Elgas Depot (former gasworks)	115 Marius STREET	Gasworks	Under preliminary investigation order	-31.08546191	150.926437
TAMWORTH	Proposed ALDI Store Tamworth	194-196 Peel STREET	Other Industry	Under assessment	-31.08522053	150.9260054
TARAGO	Tarago Railway Siding	Goulburn STREET	Other Industry	Contamination currently regulated under CLM Act	-35.0695949	149.6516166
TARAGO	Tarago former Station Masters Cottage	106 Goulburn STREET	Landfill	Under assessment	-35.069381	149.652123
TARCUITA	Mobil Service Station	(Hume Highway) 32 Sydney STREET	Service Station	Contamination formerly regulated under the CLM Act	-35.2772942	147.73574

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
TAREE	Caltex Taree	12 Pitt STREET	Service Station	Regulation under CLM Act not required	-31.90551738	152.4783334
TAREE	Former Caltex Depot	44 Stevenson STREET	Other Petroleum	Regulation under CLM Act not required	-31.90563595	152.4640848
TAREE	Former BP Service Station (Reliance Petroleum)	150 Manning River DRIVE	Service Station	Regulation under CLM Act not required	-31.93842026	152.4682056
TAREE	Former Shell Depot	53-55 Stevenson STREET	Other Petroleum	Regulation under CLM Act not required	-31.90514622	152.4649706
TAREE	United Service Station and Former Mobil Depot	85 Muldoon Street, corner Grey Gum ROAD	Service Station	Regulation under CLM Act not required	-31.89744109	152.4508569
TAREE	Caltex Service Station	104-106 Commerce STREET	Service Station	Regulation under CLM Act not required	-31.90720519	152.4500926
TAREE	Footpath in front of the former BP service station	53-55 Victoria STREET	Service Station	Regulation under CLM Act not required	-31.91015653	152.4659073
TAREN POINT	Former Oyster Farm	Part 2R Alexander Avenue and part 98 Woodlands ROAD	Other Industry	Contamination was addressed via the planning process (EP&A Act)	-34.01714802	151.1252694
TAREN POINT	Former Oyster Farmer	1A Atkinson ROAD	Other Industry	Regulation under CLM Act not required	-34.02081803	151.1283282
TAREN POINT	Former manufacturing site	46-50 Bay ROAD	Other Industry	Regulation under CLM Act not required	-34.0236184	151.1231649
TAREN POINT	Mangrove Lane Cycle pathway	Mangrove LANE	Unclassified	Regulation under CLM Act not required	-34.02404025	151.1324783
TAREN POINT	Caltex Service Station	114 Taren Point ROAD	Service Station	Regulation under CLM Act not required	-34.02065958	151.1218938
TAREN POINT	Shell Coles Express Service Station	99-103 Parraweena ROAD	Service Station	Regulation under CLM Act not required	-34.02630233	151.1200897
TAREN POINT	Redevelopment Site	25 Bay ROAD	Landfill	Regulation under CLM Act not required	-34.02119591	151.1274727
TELARAH	Former Ausgrid Depot	Green STREET	Other Industry	Regulation under CLM Act not required	-32.7276446	151.5269745

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
TELARAH	ACIRL	5 Junction STREET	Other Industry	Regulation under CLM Act not required	-32.73457183	151.5400128
TEMORA	Woolworths Caltex Temora	98-100 Hoskins STREET	Service Station	Regulation under CLM Act not required	-34.44324584	147.5318667
TEMORA	Former Temora Roundhouse	Corner Victoria and Camp STREET	Unclassified	Regulation under CLM Act not required	-34.450492	147.528955
TEMPE	Tempe Depot	1a Gannon STREET	Other Petroleum	Regulation under CLM Act not required	-33.92408255	151.1596469
TEMPE	Caltex Service Station	775 Princes HIGHWAY	Service Station	Contamination currently regulated under CLM Act	-33.9253681	151.1596532
TEMPE	Former Tempe Tip	South STREET	Landfill	Contamination currently regulated under CLM Act	-33.92558642	151.1667178
TEMPE	Railcorp Site Renwick Street	Renwick STREET	Other Industry	Regulation under CLM Act not required	-33.91997709	151.1576058
TENTERFIELD	United Tenterfield Service Station	94 Rouse STREET	Service Station	Under assessment	-29.06260969	152.0168305
TERALBA	Lake Macquarie Teralba Sanitary Depot	Griffen ROAD	Landfill	Regulation under CLM Act not required	-32.9372059	151.6214528
TERALBA	Lucky's Scrap Metal Yard	21 Racecourse ROAD	Metal Industry	Contamination currently regulated under CLM Act	-32.946854	151.617083
TERANIA CREEK	Former Izzards Cattle Tick Dip	Wallace ROAD	Cattle Dip	Contamination formerly regulated under the CLM Act	-28.64999469	153.2788615
THE ENTRANCE NORTH	The Entrance North Beach (Crown Reserve)	25CR Hargraves STREET	Landfill	Under assessment	-33.337535	151.504779
THE ROCKS	Dawes Point Park	Hickson ROAD	Other Industry	Regulation under CLM Act not required	-33.855334	151.209726
THIRLMERE	Thirlmere Rail Heritage Museum	10 Barbour ROAD	Other Industry	Regulation under CLM Act not required	-34.20689245	150.5693902
THORNLEIGH	Caltex Thornleigh Service Station	192-198 Pennant Hills (Cnr Duffy Ave) ROAD	Service Station	Regulation under CLM Act not required	-33.72660793	151.08364

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
THORNLEIGH	Coles Express Service Station Thornleigh	188 - 190 Pennant Hills ROAD	Service Station	Regulation under CLM Act not required	-33.72502184	151.0850569
THORNTON	Energy Australia Thornton Pole Yard	55 Weakleys DRIVE	Other Industry	Regulation under CLM Act not required	-32.79973875	151.6374998
TIGHES HILL	Holcim Australia Cement Batching Plant	340 Industrial DRIVE	Other Industry	Regulation under CLM Act not required	-32.90532418	151.7574857
TIGHES HILL	SRA Land	73 Elizabeth STREET	Unclassified	Regulation under CLM Act not required	-32.90795794	151.754631
TIGHES HILL	Former Ampol Depot	94 Elizabeth STREET	Other Petroleum	Regulation under CLM Act not required	-32.90658137	151.757239
TIGHES HILL	Former Mobil Terminal	110 Elizabeth STREET	Other Petroleum	Contamination formerly regulated under the CLM Act	-32.90600406	151.7586907
TOCUMWAL	Former Mobil Depot	250 Murray STREET	Other Petroleum	Regulation under CLM Act not required	-35.79180653	145.5648214
TOCUMWAL	Former Mobil Depot	79-83 Deniliquin ROAD	Other Petroleum	Regulation under CLM Act not required	-35.80914914	145.5585528
TOMAGO	Balcombe Sweat Furnace	26 Laverick AVENUE	Metal Industry	Regulation under CLM Act not required	-32.82557395	151.7056416
TOMAGO	Former Hydromet Site	25 School DRIVE	Metal Industry	Under assessment	-32.8301553	151.7300603
TOMAGO	RZM Site - Tomago	1877 Pacific HIGHWAY	Other Industry	Regulation under CLM Act not required	-32.81419433	151.6985159
TOMERONG	Log Cabin Service Station (United Petroleum)	D1300 Princes HIGHWAY	Service Station	Regulation under CLM Act not required	-35.01820959	150.5779687
TOONGABBIE	7-Eleven (Former Mobil) Service Station Toongabbie	3 Metella ROAD	Service Station	Regulation under CLM Act not required	-33.78692357	150.9462837
TOORMINA	Caltex Service Station	2 Minorca PLACE	Service Station	Regulation under CLM Act not required	-30.35229568	153.0906606
TORONTO	Coles XP (Former Mobil) Toronto Service Station	133 - 137 Cary (Cnr Thorne St) STREET	Service Station	Regulation under CLM Act not required	-33.01187681	151.5930879

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
TORONTO	BP Toronto Service Station	132 Cary (Cnr Donnelly Ave) STREET	Service Station	Regulation under CLM Act not required	-33.01144673	151.5937863
TORONTO	Toronto Hotel	74 Victory PARADE	Unclassified	Regulation under CLM Act not required	-33.01214835	151.5958127
TORONTO	Caltex Service Station	147 Cary STREET	Service Station	Regulation under CLM Act not required	-33.01288007	151.5928388
TORONTO	155B Brighton Avenue, Toronto NSW 2283	155B Brighton AVENUE	Other Industry	Under assessment	-33.014912	151.59974
TOUKLEY	Former Shell Toukley Autoport	211 Main ROAD	Service Station	Regulation under CLM Act not required	-33.26383791	151.5386268
TOUKLEY	7-Eleven Australia	287 Main ROAD	Service Station	Regulation under CLM Act not required	-33.26469166	151.5462414
TRANGIE	Caltex Service Station	(Mitchell Hwy) 76 Narromine STREET	Service Station	Regulation under CLM Act not required	-32.03234676	147.985164
TUGGERAH	BP Tuggerah	100 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-33.30578167	151.4198083
TUMBARUMBA	Former Caltex Depot	150 Albury STREET	Other Petroleum	Regulation under CLM Act not required	-35.77024081	147.9927182
TUMBI UMBI	Former Tumbi Landfill	140 Bellevue ROAD	Landfill	Regulation under CLM Act not required	-33.3993472	151.456471
TUMUT	CSR Blue Dam	Jepsen AVENUE	Other Industry	Regulation under CLM Act not required	-35.30098337	148.1958308
TUMUT	CSR Railway cutting	Jepsen AVENUE	Unclassified	Regulation under CLM Act not required	-35.30422002	148.1942579
TUMUT	Former Telstra Depot	22-26 Carey STREET	Other Industry	Regulation under CLM Act not required	-35.29873079	148.2191122
TUNCESTER	Asbestos Waste Burial Site	13 Rifle Range ROAD	Other Industry	Contamination currently regulated under CLM Act	-28.79939255	153.2193708
TUROSS HEAD	Tern Inn Restaurant (abandoned UPSS)	2 Trafalgar ROAD	Service Station	Regulation under CLM Act not required	-36.05871059	150.1308443

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
TURRAMURRA	7-Eleven (former Mobil) Service Station Turramurra	1408 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-33.73326389	151.1264194
TURRAMURRA	Woolworths Service Station	1233 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-33.73317594	151.1313195
TURRELLA	Tulloch Australia Pty Ltd	61 Turrella STREET	Chemical Industry	Contamination currently regulated under CLM Act	-33.92857213	151.1475387
TWEED HEADS	Former Mobil Quix Service Station	60 MINJUNGBAL DRIVE	Service Station	Contamination formerly regulated under the CLM Act	-28.20143775	153.5445381
TWEED HEADS	Francis Street Road Reserve adjacent to 79-81 Wharf Street, Tweed Heads	79-81 Wharf STREET	Other Petroleum	Regulation under CLM Act not required	-28.17351959	153.542262
TWEED HEADS	Tweed Heads Slipway	8 Terranora TERRACE	Landfill	Under assessment	-28.180667	153.541125
TWEED HEADS SOUTH	Former BP Depot	142 Minjungbal DRIVE	Other Petroleum	Regulation under CLM Act not required	-28.20860702	153.5455932
TWEED HEADS SOUTH	Coles Express Service Station	Corner Minjungbal Drive and Heffron STREET	Service Station	Regulation under CLM Act not required	-28.19459987	153.5419978
TWEED HEADS SOUTH	Woolworths Plus Petrol	98-102 Pacific (100 Minjungbal Drive) HIGHWAY	Service Station	Regulation under CLM Act not required	-28.20488521	153.5448675
TWEED HEADS WEST	Caltex Service Station	96 to 98 Kennedy DRIVE	Service Station	Regulation under CLM Act not required	-28.1871486	153.5229866
TYAGARAH	Tyagarah Airstrip	25 Staceys WAY	Other Petroleum	Regulation under CLM Act not required	-28.59511995	153.546834
ULAN	Ulan Coal Mine	4505 Ulan ROAD	Other Industry	Regulation under CLM Act not required	-32.25620603	149.7558075
ULLADULLA	Coles Express Ulladulla	153 Princes HIGHWAY	Service Station	Regulation under CLM Act not required	-35.36288274	150.47272
ULLADULLA	Woolworths Petrol Station	155-157 Princes HIGHWAY	Service Station	Regulation under CLM Act not required	-35.36316263	150.4725668
ULLADULLA	Caltex Service Station	62A Deering Street, corner Princes HIGHWAY	Service Station	Regulation under CLM Act not required	-35.36276828	150.473578

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
ULTIMO	Shell Coles Express Service Station	387-429 Wattle STREET	Service Station	Regulation under CLM Act not required	-33.88138825	151.1966791
UNANDERRA	Endeavour Energy Springhill Field Service Centre	195 Five Island ROAD	Other Industry	Regulation under CLM Act not required	-34.45837706	150.8598825
UNANDERRA	BlueScope Stainless Steel	13 Marley PLACE	Metal Industry	Contamination currently regulated under CLM Act	-34.44959798	150.8571632
UNANDERRA	Unanderra Weekend Detention Centre	34-40 Lady Penryhn DRIVE	Landfill	Regulation under CLM Act not required	-34.4620226	150.8473821
UNANDERRA	Veolia Environmental Services	9 Waynote PLACE	Other Industry	Regulation under CLM Act not required	-34.46042393	150.863232
UNANDERRA	Caltex Service Station	86-98 Princes HIGHWAY	Service Station	Regulation under CLM Act not required	-34.45414951	150.845165
UNANDERRA	Former Prime Service Station and adjoining lands	41-49 Princes HIGHWAY	Service Station	Contamination formerly regulated under the CLM Act	-34.45056105	150.8490833
UNANDERRA	DGL Environmental Pty Ltd	201 Five Islands ROAD	Metal Industry	Under assessment	-34.453808	150.855247
URALLA	Caltex Service Station	103 Bridge STREET	Service Station	Regulation under CLM Act not required	-30.64524911	151.4934484
URALLA	Phoenix Foundry	44 Duke STREET	Metal Industry	Regulation under CLM Act not required	-30.65093272	151.5004479
URANQUINTY	Former Caltex Depot Kapooka (Wagga Wagga)	6876 Olympic (Uranquinty Rd) HIGHWAY	Service Station	Regulation under CLM Act not required	-35.15319793	147.3085469
URUNGA	Former Antimony Process plant	Hillside DRIVE	Chemical Industry	Contamination currently regulated under CLM Act	-30.50422942	153.0132011
VALENTINE	BP Express Service Station	855 Macquarie DRIVE	Service Station	Regulation under CLM Act not required	-33.00801109	151.6425806
VALENTINE	Valentine Public School	Tallawalla ROAD	Unclassified	Regulation under CLM Act not required	-33.0091613	151.6423231
VALLA	BP Nambucca Heads (Travel Centre and Truckstop)	2 Corkwood ROAD	Other Industry	Regulation under CLM Act not required	-30.628134	152.972702

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
VILLAWOOD	Nepotian (Former Toll) Site	110A Christina ROAD	Other Industry	Under preliminary investigation order	-33.87919117	150.9812193
VILLAWOOD	Former Defence Site	29 Biloela STREET	Landfill	Regulation under CLM Act not required	-33.88782978	150.9886275
VILLAWOOD	Former Siemens/Westinghouse	49 Miowera ROAD	Other Industry	Contamination formerly regulated under the CLM Act	-33.87641909	150.9836746
VILLAWOOD	Former Orica Crop Care	2 Christina ROAD	Chemical Industry	Contamination formerly regulated under the CLM Act	-33.880329	150.9896329
VILLAWOOD	PPG Industries	9 Birmingham AVENUE	Chemical Industry	Regulation under CLM Act not required	-33.87800757	150.9887929
VILLAWOOD	Former Electrical Component Manufacturer	66 Christina ROAD	Other Industry	Ongoing maintenance required to manage residual contamination (CLM Act)	-33.88018315	150.9838773
VILLAWOOD	Ettason Villawood Site	2A Birmingham AVENUE	Chemical Industry	Regulation under CLM Act not required	-33.87877335	150.9827722
VINEYARD	Shell Coles Express Service Station	731 Windsor ROAD	Service Station	Regulation under CLM Act not required	-33.65780463	150.8753245
WAGGA WAGGA	Caltex Service Station	170 Fitzmaurice STREET	Service Station	Regulation under CLM Act not required	-35.10289587	147.3679002
WAGGA WAGGA	Former BP Service Station	31 Bourke STREET	Service Station	Regulation under CLM Act not required	-35.12626628	147.3547199
WAGGA WAGGA	Caltex (former Mobil) Service Station	106 Edward STREET	Service Station	Regulation under CLM Act not required	-35.11910909	147.3682364
WAGGA WAGGA	Former Caltex Depot	60 Lake Albert DRIVE	Service Station	Regulation under CLM Act not required	-35.12316794	147.37724
WAGGA WAGGA	Former Mobil Depot Wagga Wagga	97-99 Coleman STREET	Other Petroleum	Regulation under CLM Act not required	-35.12173871	147.3576651
WAGGA WAGGA	Ashmont Autoport	Cnr Tobruk Street and Bardia STREET	Service Station	Regulation under CLM Act not required	-35.12517373	147.329919
WAGGA WAGGA	Former Caltex Service Station	343 Hammond AVENUE	Service Station	Regulation under CLM Act not required	-35.12420793	147.4157959

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
WAGGA WAGGA	Caltex Service Station	56 - 60 Docker St STREET	Service Station	Regulation under CLM Act not required	-35.11737947	147.3558145
WAGGA WAGGA	Former Iron Foundry	212-230 Hammond STREET	Metal Industry	Regulation under CLM Act not required	-35.12605478	147.4045461
WAGGA WAGGA	Coles Express Wagga Wagga	353-355 Edward STREET	Service Station	Regulation under CLM Act not required	-35.11606625	147.3509339
WAGGA WAGGA	Former Wiradjuri landfill	Narrung STREET	Landfill	Under assessment	-35.09628532	147.3619535
WAGGA WAGGA	Former Gasworks	54 Chaston STREET	Gasworks	Ongoing maintenance required to manage residual contamination (CLM Act)	-35.12262069	147.3482778
WAGGA WAGGA	Former Gasworks	Cnr Tarcutta Street and Cross STREET	Gasworks	Ongoing maintenance required to manage residual contamination (CLM Act)	-35.10871183	147.3737933
WAGGA WAGGA	BP Wagga Wagga	180 Edward STREET	Service Station	Regulation under CLM Act not required	-35.11850802	147.3639619
WAGGA WAGGA	Former Dry Cleaning Facility	183 Fitzmaurice STREET	Other Industry	Contamination currently regulated under CLM Act	-35.10209987	147.3683852
WAHROONGA	Coles Express Wahroonga	1601 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-33.71945571	151.1163002
WAHROONGA	7-Eleven Service Station	1579 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-33.71974617	151.1168106
WAITARA	Caltex Service Station	59-61 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-33.71064349	151.1024644
WALGETT	Former Shell Depot	Castlereagh HIGHWAY	Other Petroleum	Regulation under CLM Act not required	-30.00861179	148.1239938
WALLERAWANG	Wallerawang Power Station	1 Main STREET	Other Petroleum	Regulation under CLM Act not required	-33.40339296	150.0855101
WALLERAWANG	Lidsdale Coal Loading Facility	Main STREET	Other Industry	Regulation under CLM Act not required	-33.39996523	150.0737717
WALLSEND	Caltex Maryland Service Station Wallsend	41 Minmi ROAD	Service Station	Regulation under CLM Act not required	-32.88967866	151.6619253

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
WALLSEND	Coles Express Wallsend East	15 Thomas STREET	Service Station	Regulation under CLM Act not required	-32.90719444	151.6693426
WALLSEND	OneSteel Recycling	64-80 Sandgate ROAD	Metal Industry	Regulation under CLM Act not required	-32.89425477	151.6799648
WALLSEND	Ausgrid Wallsend Depot	Abbott STREET	Other Industry	Regulation under CLM Act not required	-32.90162796	151.6857267
WALLSEND	Cnr of Douglas Street and 111 Newcastle Road Wallsend	111 Newcastle ROAD	Metal Industry	Regulation under CLM Act not required	-32.90416617	151.6832227
WAMBERAL	Caltex Service Station	654 The Entrance ROAD	Service Station	Regulation under CLM Act not required	-33.42338668	151.4375685
WANGI WANGI	Myuna Colliery	Wangi Point ROAD	Other Industry	Regulation under CLM Act not required	-33.06139532	151.5697186
WARATAH	Waratah Area Health	Turton ROAD	Unclassified	Regulation under CLM Act not required	-32.90961233	151.7260867
WARATAH	Waratah former Gasworks	Turton and Georgetown ROADS	Gasworks	Contamination currently regulated under CLM Act	-32.90591166	151.7272715
WARDELL	Nancy's Cattle Dip, Thurgates Lane, Wardell	Thurgates LANE	Cattle Dip	Regulation under CLM Act not required	-28.9540212	153.4274874
WARILLA	Woolworths Petrol Warilla	43 -57 Shellharbour ROAD	Service Station	Regulation under CLM Act not required	-34.5470966	150.863748
WARKWORTH	Emulsion Plant, Dyno Nobel Asia Pacific Pty Ltd	186 Long Point ROAD	Chemical Industry	Regulation under CLM Act not required	-32.5781708	151.0834387
WARKWORTH	United Colliery	Jerrys Plains ROAD	Other Industry	Regulation under CLM Act not required	-32.5654356	150.9916698
WARNERS BAY	Caltex Service Station	55 King STREET	Service Station	Regulation under CLM Act not required	-32.97418806	151.6476184
WARNERS BAY	7-Eleven (former Mobil) Service Station	393 Hillsborough ROAD	Service Station	Regulation under CLM Act not required	-32.9659363	151.6543264
WARNERS BAY	Historically Filled Land	41-43 Charles STREET	Unclassified	Regulation under CLM Act not required	-32.97340461	151.6464383

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
WARNERVALE	Former Timber Treatment Plant	Aldenhams and Railway ROADS	Other Industry	Contamination formerly regulated under the CLM Act	-33.24732018	151.4469037
WARRAGAMBA	Warragamba Dam Viewing Platform	Eighteenth STREET	Unclassified	Regulation under CLM Act not required	-33.88545624	150.6016219
WARRAGAMBA	Megarrity's Creek Site	Weir ROAD	Unclassified	Regulation under CLM Act not required	-33.8873146	150.5967305
WARRAWONG	Caltex Service Station	75-77 King STREET	Service Station	Regulation under CLM Act not required	-34.49037817	150.888802
WARREN	Former Shell Depot	8 Dubbo STREET	Other Petroleum	Regulation under CLM Act not required	-31.69379262	147.8308088
WARREN	Caltex Warren Service Station	1 Coonamble ROAD	Service Station	Regulation under CLM Act not required	-31.69508383	147.8405578
WARREN	Former Mobil Warren Depot	16 Dubbo STREET	Other Petroleum	Contamination currently regulated under CLM Act	-31.6943058	147.8314606
WARWICK FARM	Warwick Farm Public School	95 Lawrence Hargrave ROAD	Unclassified	Regulation under CLM Act not required	-33.90978695	150.9291852
WATERLOO	Proposed Construction Site	2 John STREET	Other Industry	Regulation under CLM Act not required	-33.89989686	151.2010324
WATERLOO	Waverley Woollahra Process Plant	355 Botany ROAD	Other Industry	Regulation under CLM Act not required	-33.9063092	151.2042672
WATERLOO	Shell Coles Express Service Station	867-877 South Dowling STREET	Service Station	Regulation under CLM Act not required	-33.90179774	151.2143789
WATERLOO	Lawrence Dry Cleaners	887-893 Bourke STREET	Unclassified	Contamination currently regulated under CLM Act	-33.89897433	151.2101436
WATERLOO	Diversity Waterloo Blocks C & D and adjacent plaza / park	1, 9, 13, 13A, 13B and 23 Archibald Avenue, 20 Dunkerley Place and 850 Bourke STREET	Other Industry	Regulation under CLM Act not required	-33.90200158	151.2098496
WATERLOO	Iconic (Former Chubb Factory) Waterloo	830-838 Elizabeth STREET	Other Industry	Regulation under CLM Act not required	-33.90227718	151.2060305
WATERLOO	22-24 Archibald Avenue	22-24 Archibald AVENUE	Other Petroleum	Regulation under CLM Act not required	-33.90206938	151.2139293

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
WAUCHOPE	Expressway Spares UST	3 Sancrox ROAD	Other Petroleum	Regulation under CLM Act not required	-31.44163879	152.8231104
WAUCHOPE	Former Shell Depot	56-64 High STREET	Other Petroleum	Regulation under CLM Act not required	-31.45804845	152.7314151
WAUCHOPE	Wauchope Service Station	57 High STREET	Service Station	Regulation under CLM Act not required	-31.45737022	152.7305018
WAUCHOPE	Former Timber Treatment Site	Blackbutt DRIVE	Other Industry	Regulation under CLM Act not required	-31.46575645	152.7228555
WAUCHOPE	Shell Coles Express Service Station	64 High STREET	Service Station	Regulation under CLM Act not required	-31.45764495	152.7315975
WAUCHOPE	Wauchope Public Primary School	2 Waugh STREET	Unclassified	Regulation under CLM Act not required	-31.45602953	152.7295059
WAVERTON	SRA Land	95 Bay ROAD	Unclassified	Contamination formerly regulated under the CLM Act	-33.83716728	151.1969497
WAVERTON	Berry's Bay Woodley's Marina	1 Balls Head DRIVE	Other Industry	Contamination formerly regulated under the POEO Act	-33.84441851	151.1947433
WAVERTON	Oyster Cove AGL	2 King STREET	Gasworks	Ongoing maintenance required to manage residual contamination (CLM Act)	-33.83637995	151.193541
WEE JASPER	Wee Jasper Tavern	6499 Wee Jasper ROAD	Other Industry	Regulation under CLM Act not required	-35.10992483	148.679428
WELLINGTON	Former Caltex Service Station	124-128 Lee STREET	Service Station	Regulation under CLM Act not required	-32.55082729	148.9411537
WELLINGTON	BP Wellington Service Station	35A Maxwell STREET	Service Station	Under assessment	-32.55835121	148.9447284
WELLINGTON	Woolworths Petrol Wellington	79 Lee STREET	Service Station	Regulation under CLM Act not required	-32.54874227	148.9408531
WELLINGTON	The Wash Shed (Laundromat)	67 Gobolion STREET	Gasworks	Under assessment	-32.545494	-32.545494
WELLINGTON	Police Citizens Youth Club (PCYC)	69 Gobolion STREET	Gasworks	Under assessment	-32.5456	148.944004

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
WELLINGTON	J&J Mechanical	1 Warrawee STREET	Gasworks	Under assessment	-32.545802	148.943318
WENTWORTH	Caltex - Wentworth	110 Adams STREET	Service Station	Regulation under CLM Act not required	-34.1024927	141.9160539
WENTWORTH FALLS	Bodington Hospital	Bodington DRIVE	Unclassified	Contamination formerly regulated under the CLM Act	-33.73204611	150.3874554
WENTWORTH POINT	RMS Eastern Precinct	3-7 Burroway ROAD	Other Petroleum	Regulation under CLM Act not required	-33.8233882	151.0815668
WENTWORTH POINT	Former TNT Express	23 Bennelong PARKWAY	Other Petroleum	Regulation under CLM Act not required	-33.83115118	151.0726636
WENTWORTHVILLE	Former Workshop	2 Rawson Rd and 8 Barfil CRESCENT	Unclassified	Regulation under CLM Act not required	-33.81568808	150.9671853
WERRINGTON	Caltex Service Station	Cnr Dunheved Rd and Henry Lawson DRIVE	Service Station	Regulation under CLM Act not required	-33.74577725	150.7409877
WERRINGTON	Claremont Meadows Former landfill	Gipps STREET	Landfill	Regulation under CLM Act not required	-33.77341076	150.7557628
WERRINGTON COUNTY	7-Eleven Werrington	Lot 122 Dunheved ROAD	Service Station	Regulation under CLM Act not required	-33.74699408	150.7428609
WEST BALLINA	Caltex Big Prawn Service Station	Pacific HIGHWAY	Service Station	Contamination formerly regulated under the CLM Act	-28.86374913	153.5321482
WEST GOSFORD	Caltex Service Station	283 Manns ROAD	Service Station	Regulation under CLM Act not required	-33.41659727	151.325219
WEST GOSFORD	Caltex Service Station	69-71 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-33.42729985	151.3214621
WEST GOSFORD	Caltex Service Station	30a Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-33.42778813	151.3190581
WEST GOSFORD	Adcock Memorial Park	Central Coast HIGHWAY	Landfill	Contamination currently regulated under CLM Act	-33.42963075	151.3273331
WEST NOWRA	Endeavour Energy Nowra Field Service Centre	20 Depot ROAD	Other Industry	Regulation under CLM Act not required	-34.88993085	150.5878854

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
WEST PENNANT HILLS	7-Eleven (former Mobil) Service Station	552 Pennant Hills ROAD	Service Station	Regulation under CLM Act not required	-33.74686545	151.0508067
WEST RYDE	7-Eleven (former Mobil) Service Station	917 Victoria ROAD	Service Station	Regulation under CLM Act not required	-33.80921103	151.0932917
WEST RYDE	Pfizer Australia Pty Ltd	38-42 Wharf ROAD	Chemical Industry	Regulation under CLM Act not required	-33.81021085	151.0693631
WEST RYDE	Reckitt Benckiser	44 Wharf ROAD	Chemical Industry	Regulation under CLM Act not required	-33.81172205	151.0692752
WEST RYDE	JHM Property Development	2A Mellor STREET	Other Industry	Regulation under CLM Act not required	-33.81207534	151.094598
WEST TAMWORTH	Woolworths Petrol	119 Bridge STREET	Service Station	Regulation under CLM Act not required	-31.09358262	150.9167693
WEST WALLSEND	West Wallsend Cemetery	6 Cemetery ROAD	Unclassified	Regulation under CLM Act not required	-32.902828	151.570636
WEST WYALONG	Lowes Petroleum (Former BP) Depot West Wyalong	Compton (formerly known as Town Bypass/Railway Road) ROAD	Other Petroleum	Regulation under CLM Act not required	-33.93440247	147.2154596
WEST WYALONG	Caltex Depot	(Wyalong By-pass Rd) Lot 1-3 Showground ROAD	Service Station	Regulation under CLM Act not required	-33.92580863	147.1978504
WEST WYALONG	Former Mobil Depot	104 Compton ROAD	Other Petroleum	Regulation under CLM Act not required	-33.93449194	147.2147948
WESTON	Illegal Dumping Site	Corner Kline Street & First STREET	Unclassified	Regulation under CLM Act not required	-32.81367986	151.4551507
WETHERILL PARK	Former Fuel Storage Depot	200-212 Cowpasture ROAD	Other Petroleum	Regulation under CLM Act not required	-33.84568871	150.8764012
WETHERILL PARK	Sims Wetherill Park	35-37 Frank STREET	Metal Industry	Regulation under CLM Act not required	-33.84056122	150.9086265
WETHERILL PARK	Shell Coles Express Service Station	565 Polding STREET	Service Station	Regulation under CLM Act not required	-33.8569731	150.8992804
WETHERILL PARK	Cleanaway (Formerly Nationwide Oil) Wetherill Park	6 Davis ROAD	Other Industry	Regulation under CLM Act not required	-33.83770038	150.9045197

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
WETHERILL PARK	BOC Sydney Operations Centre	428-440 Victoria STREET	Chemical Industry	Regulation being finalised	-33.84375988	150.8960027
WETHERILL PARK	Camide Former Landfill	Newton ROAD	Landfill	Regulation under CLM Act not required	-33.83898879	150.8963813
WETHERILL PARK	Fairfield Sustainable Resource Centre	Corner Hassall Street and Widemere ROAD	Other Industry	Under assessment	-33.838947	150.914593
WICKHAM	Caltex Terminal and "Building 33" on offsite adjacent land	156 Hannell Street and 33 Annie STREET	Other Petroleum	Contamination currently regulated under CLM Act	-32.9153413	151.7560062
WICKHAM	Former Warehouse	10 Dangar STREET	Unclassified	Regulation under CLM Act not required	-32.92383206	151.759761
WICKHAM	Former Factory	57 Annie STREET	Other Industry	Regulation under CLM Act not required	-32.91524827	151.7539893
WICKHAM	Railcorp Wickham	50 Railway STREET	Other Industry	Regulation under CLM Act not required	-32.9210433	151.7544687
WICKHAM	Fuchs Lubricants Wickham	2 Holland STREET	Other Industry	Contamination currently regulated under CLM Act	-32.9214709	151.7556928
WILBERFORCE	Former Drum Reconditioners	12-14 Box AVENUE	Other Industry	Contamination formerly regulated under the CLM Act	-33.5453884	150.8587934
WILBERFORCE	Former Solvent Recycling Site	13 Box AVENUE	Chemical Industry	Regulation under CLM Act not required	-33.54557427	150.8577006
WILEY PARK	Sydney Water Property	1B Hillcrest STREET	Other Industry	Regulation under CLM Act not required	-33.92391634	151.0676256
WILLIAMTOWN	Hunter Land Effluent Pond	38 Cabbage Tree ROAD	Other Industry	Regulation under CLM Act not required	-32.80750069	151.8310107
WILLOUGHBY	Shell Coles Express Service Station	616-626 Willoughby ROAD	Service Station	Regulation under CLM Act not required	-33.80593769	151.1988559
WILLOUGHBY	Caltex Service Station	157 Penhur STREET	Service Station	Regulation under CLM Act not required	-33.79793513	151.1981926
WILLOUGHBY	BP Willoughby Express Tower	498 Willoughby STREET	Service Station	Contamination currently regulated under POEO Act	-33.81022918	151.199315

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
WILLOUGHBY	Bicentennial Reserve, Flat Rock Gully, Willoughby Leisure Centre	Small STREET	Other Industry	Under assessment	-33.811902	151.202797
WILLOUGHBY EAST	Willoughby Bus Depot	Corner Ann Street and Stan STREET	Other Industry	Regulation under CLM Act not required	-33.7982569	151.2038993
WILTON	Condell Park Homestead	(Part Lot 17 DP 270536) Condell Park ROAD	Unclassified	Regulation under CLM Act not required	-34.21910141	150.6837962
WINDANG	Caltex Service Station	244-248 Windang ROAD	Service Station	Regulation under CLM Act not required	-34.5274434	150.8691161
WINDSOR	Former Caltex Service Station	46-52 Macquarie STREET	Service Station	Regulation under CLM Act not required	-33.60783315	150.8213428
WINDSOR	Former Caltex Windsor Depot and Service Station	48-50 Mileham STREET	Service Station	Regulation under CLM Act not required	-33.61538627	150.8157517
WINDSOR	Woolworths (former Caltex) Service Station	Cnr Macquarie Street & Baker STREET	Service Station	Regulation under CLM Act not required	-33.60569346	150.8232803
WINDSOR	Former Fire Station Windsor	19 Fitzgerald STREET	Other Industry	Under assessment	-33.6064873	150.8199089
WINDSOR	Windsor Zone Substation	56-60 Macquarie STREET	Other Industry	Under assessment	-33.608114	150.820854
WINGHAM	Former Caltex Service Station	1036-1038 Wingham ROAD	Service Station	Regulation under CLM Act not required	-31.86236594	152.3805752
WINGHAM	Bogas Service Station	Cnr Primrose Street and Isabella STREET	Service Station	Regulation under CLM Act not required	-31.86833656	152.3716346
WINMALEE	Prime Winmalee Service Station	281 Hawkesbury ROAD	Service Station	Regulation under CLM Act not required	-33.68223276	150.5997203
WIRLINGA	Former Liquid Waste Disposal Facility	704 Riverina ROAD	Unclassified	Regulation under CLM Act not required	-36.07103958	147.0193522
WOLLI CREEK	Former Ausgrid Substation 10061	13 Gertrude STREET	Other Industry	Regulation under CLM Act not required	-33.93364031	151.1543818
WOLLONGONG	Redevelopment site	33 - 39 Beatson STREET	Other Petroleum	Regulation under CLM Act not required	-34.43196083	150.8976661

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
WOLLONGONG	Caltex Service Station	9 Flinders STREET	Service Station	Regulation under CLM Act not required	-34.41505616	150.8932515
WOLLONGONG	Greenhouse Park	Springhill ROAD	Landfill	Contamination currently regulated under CLM Act	-34.44119949	150.8931764
WOLLONGONG	Former Wollongong Gasworks	120 and 122 Smith STREET	Gasworks	Regulation under CLM Act not required	-34.42030173	150.8906745
WOLLONGONG	Woolworths Service Station	425 Crown STREET	Service Station	Contamination currently regulated under CLM Act	-34.42637378	150.8799288
WOLLONGONG	Wollongong Harbour Central Spur	Off Endeavour DRIVE	Other Petroleum	Regulation under CLM Act not required	-34.42066879	150.906821
WOODBURN	Caltex Service Station	129 River STREET	Service Station	Regulation under CLM Act not required	-29.07206887	153.3409769
WOODBURN	Crown Reserve 88037 Woodburn	Pacific HIGHWAY	Landfill	Regulation under CLM Act not required	-29.06580577	153.3541886
WOOLGOOLGA	Caltex Woolgoolga Service Station	16 Bosworth ROAD	Service Station	Regulation under CLM Act not required	-30.12569561	153.1946006
WOOLGOOLGA	United Petroleum Service Station(1868 Solitary Islands Way)	56 Clarence STREET	Service Station	Contamination currently regulated under CLM Act	-30.11045544	153.1904609
WOOLLAHRA	Former Service Station	20 Wallis STREET	Service Station	Regulation under CLM Act not required	-33.8901965	151.2372752
WOOLLAHRA	Proposed Jewish Care Centre	7-21 Saber STREET	Unclassified	Regulation under CLM Act not required	-33.8904055	151.2480062
WOOLLAHRA	Caltex Woollahra Service Station	116 Old South Head ROAD	Service Station	Contamination formerly regulated under the CLM Act	-33.88959697	151.2553736
WOOLLOOMOOLOO	Former BP Service Station	2 Dowley STREET	Service Station	Contamination being managed via the planning process (EP&A Act)	-33.86940191	151.2218741
WOLOMIN	Woolomin Gold Rush Store	65 Nundle ROAD	Other Petroleum	Contamination formerly regulated under the CLM Act	-31.30415134	151.149729
WOOLOOWARE	Caltex Service Station	100 Woolooware ROAD	Service Station	Regulation under CLM Act not required	-34.05274635	151.1408413

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
WOOLLOOWARE	Oyster Farm	Captain Cook DRIVE	Other Industry	Regulation under CLM Act not required	-34.03807914	151.1476055
WOONGARRAH	Former Warnervale Landfill	236-264 Hakone ROAD	Landfill	Regulation under CLM Act not required	-33.2376313	151.464362
WOOTTON	Former Chemical Spill Site	11859 Pacific HIGHWAY	Chemical Industry	Regulation under CLM Act not required	-32.28168548	152.3117819
WOY WOY	Mobil Former Woy Woy Service Station and adjacent land	177-181 Blackwall ROAD	Service Station	Contamination formerly regulated under the CLM Act	-33.49257884	151.3273559
WOY WOY	Barry Robertson Holden	231 Blackwall ROAD	Service Station	Regulation under CLM Act not required	-33.49621068	151.3285128
WOY WOY	Bogas Service Station	66 Memorial AVENUE	Service Station	Contamination currently regulated under CLM Act	-33.5069738	151.3315579
WOY WOY	Rogers Park	Dunban ROAD	Landfill	Regulation under CLM Act not required	-33.50009693	151.3181347
WOY WOY	Austin Butler Memorial Oval	Blackwall ROAD	Landfill	Regulation under CLM Act not required	-33.48672201	151.3283032
WOY WOY	James Browne Oval	Welcome STREET	Landfill	Regulation under CLM Act not required	-33.49720596	151.3242986
WOY WOY	7-Eleven Service Station	Corner Rawson and Ocean Beach ROADS	Service Station	Under assessment	-33.493563	151.320598
WYALONG	Caltex Service Station	50 Neeld (Newell Highway) STREET	Service Station	Regulation under CLM Act not required	-33.92665025	147.2446546
WYOMING	Caltex Service Station Wyoming	465 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-33.40945391	151.3499812
WYONG	Wyong Bayer/Kemcon	16 Lucca ROAD	Chemical Industry	Contamination formerly regulated under the CLM Act	-33.26192339	151.4429446
WYONG	Caltex Service Station	M1 Pacific (Northbound) MOTORWAY	Service Station	Regulation under CLM Act not required	-33.25641477	151.4024821
WYONG	Caltex Service Station	M1 Pacific (Southbound) MOTORWAY	Service Station	Regulation under CLM Act not required	-33.25330747	151.4053862

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
WYONG	IXOM Facility	8 Pavitt CRESCENT	Other Industry	Regulation under CLM Act not required	-33.26379108	151.4485113
YAGOONA	Galserv Galvanising Services	117-153 Rookwood ROAD	Metal Industry	Contamination currently regulated under POEO Act	-33.89493085	151.0388013
YAGOONA	BP Service Station Potts Hill (Yagoona)	155 Rookwood ROAD	Service Station	Regulation under CLM Act not required	-33.89330525	151.0390969
YAGOONA	7-Eleven (former Mobil) Service Station	519 Hume HIGHWAY	Service Station	Regulation under CLM Act not required	-33.90760623	151.0207783
YAGOONA	Shell Coles Express Service Station	112 Rookwood ROAD	Service Station	Regulation under CLM Act not required	-33.89856213	151.0370458
YAGOONA	Sydney Water Corporation Potts Hill Complex	91 Brunker ROAD	Other Industry	Regulation under CLM Act not required	-33.89887589	151.0289165
YALLAH	Tallawarra Power Station site	Princes HIGHWAY	Unclassified	Ongoing maintenance required to manage residual contamination (CLM Act)	-34.52412143	150.8062159
YAMBA	Caltex Service Station	22 Treelands DRIVE	Service Station	Regulation under CLM Act not required	-29.42701701	153.3279204
YANCO	Former Service Station	14 Main AVENUE	Service Station	Contamination formerly regulated under the CLM Act	-34.60356494	146.4105016
YASS	Caltex Service Station	228 Comur STREET	Service Station	Regulation under CLM Act not required	-34.84440036	148.9140179
YASS	Caltex Service Station	1715 Yass Valley WAY	Service Station	Regulation under CLM Act not required	-34.80708856	148.8824228
YASS	Former Mobil Depot Yass and adjacent land	54-58 Laidlaw STREET	Service Station	Ongoing maintenance required to manage residual contamination (CLM Act)	-34.83252976	148.9068888
YASS	Former Gasworks	Dutton STREET	Gasworks	Contamination currently regulated under CLM Act	-34.83982614	148.9060029
YASS	Transgrid Depot Yass	Perry STREET	Unclassified	Under assessment	-34.86238341	148.9052809
YENNORA	Former Alcoa Australia Rolled Products Facility - Area 3	1 Kiora CRESCENT	Metal Industry	Regulation under CLM Act not required	-33.86568158	150.9649297

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
YENNORA	Spicer Axle Australia Manufacturing Facility	205-231 Fairfield ROAD	Other Industry	Regulation under CLM Act not required	-33.85655114	150.9579167
YENNORA	Former Caltex Service Station	137-141 Fairfield STREET	Service Station	Regulation under CLM Act not required	-33.86824768	150.9706137
YENNORA	Former Metal Plant	44 Larra STREET	Metal Industry	Contamination formerly regulated under the CLM Act	-33.86340576	150.9764349
YENNORA	TetraPak Site	6 Foray STREET	Other Industry	Contamination formerly regulated under the CLM Act	-33.8557183	150.9561605
YENNORA	19 Pine Road, Yennora	Pine ROAD	Metal Industry	Contamination currently regulated under CLM Act	-33.86713232	150.9621172
YETHOLME	Yetholme CCA Timber Treatment Plant	351 Eusdale ROAD	Other Industry	Contamination formerly regulated under the CLM Act	-33.45386256	149.8537787
YOUNG	Former Mobil Depot and Service Station Young	149 Lovell STREET	Service Station	Regulation under CLM Act not required	-34.31024587	148.290424
YOUNG	Former Shell Depot	166 Nasmyth STREET	Other Petroleum	Regulation under CLM Act not required	-34.31025192	148.2931008
YOUNG	Former battery recycler	45 Nasmyth STREET	Metal Industry	Contamination currently regulated under CLM Act	-34.31201571	148.306772
YOUNG	Adjacent to former battery recycler	47 Nasmyth STREET	Metal Industry	Contamination formerly regulated under the CLM Act	-34.31176273	148.3064765
YOUNG	Mobil Depot	186 Nasmyth STREET	Other Petroleum	Contamination currently regulated under CLM Act	-34.30954389	148.2908476
YOUNG	Former Caltex Depot	95 Lovell STREET	Service Station	Regulation under CLM Act not required	-34.31127119	148.2955092
ZETLAND	Energy Australia/ Ausgrid Zetland Depot	122 - 138 Joynton AVENUE	Other Industry	Regulation under CLM Act not required	-33.90883116	151.2101184
ZETLAND	Former Goodrich Control Systems, Zetland	84 - 92 Epsom ROAD	Other Industry	Regulation under CLM Act not required	-33.91025707	151.2078048

APPENDIX E

SAFEWORK NSW RECORDS

Frances Kuipers

From: Licensing <licensing@safework.nsw.gov.au>
Sent: Thursday, 31 March 2022 2:25 PM
To: Frances Kuipers
Subject: SafeWork NSW: 00677002 –Site Search application – Result found [ref:_00D281hl6J._5004a7h6FM:ref]
Attachments: THIS FILE Concord, 160 Burwood Rd - site plan_pdf.html;
THIS FILE 160 Burwood Road Concord- Results_pdf.html

Security Classification: Sensitive Personal
Please do not amend the subject line of this email

Dear Frances

**Re: Site Search for Schedule 11 Hazardous Chemicals on premises
Application – Result found**

I refer to your application for a Site Search for Schedule 11 Hazardous Chemicals on premises for the following site: 160 Burwood Road Concord NSW 2750

Please find attached copies of the documents that SafeWork NSW holds on record number 35/005234 relating to the storage of Hazardous Chemicals at the above-mentioned premises.

If you have any further information or if you have any questions, please use one of the following options, quoting the SafeWork NSW enquiry reference number: 00677002

- Email: licensing@safework.nsw.gov.au
- Phone: 13 10 50

Kind regards

Gabriela Draper

Licensing Representative

SafeWork NSW | Better Regulation Division

Department of Customer Service

p- 13 10 50

e- licensing@safework.nsw.gov.au | www.customerservice.nsw.gov.au

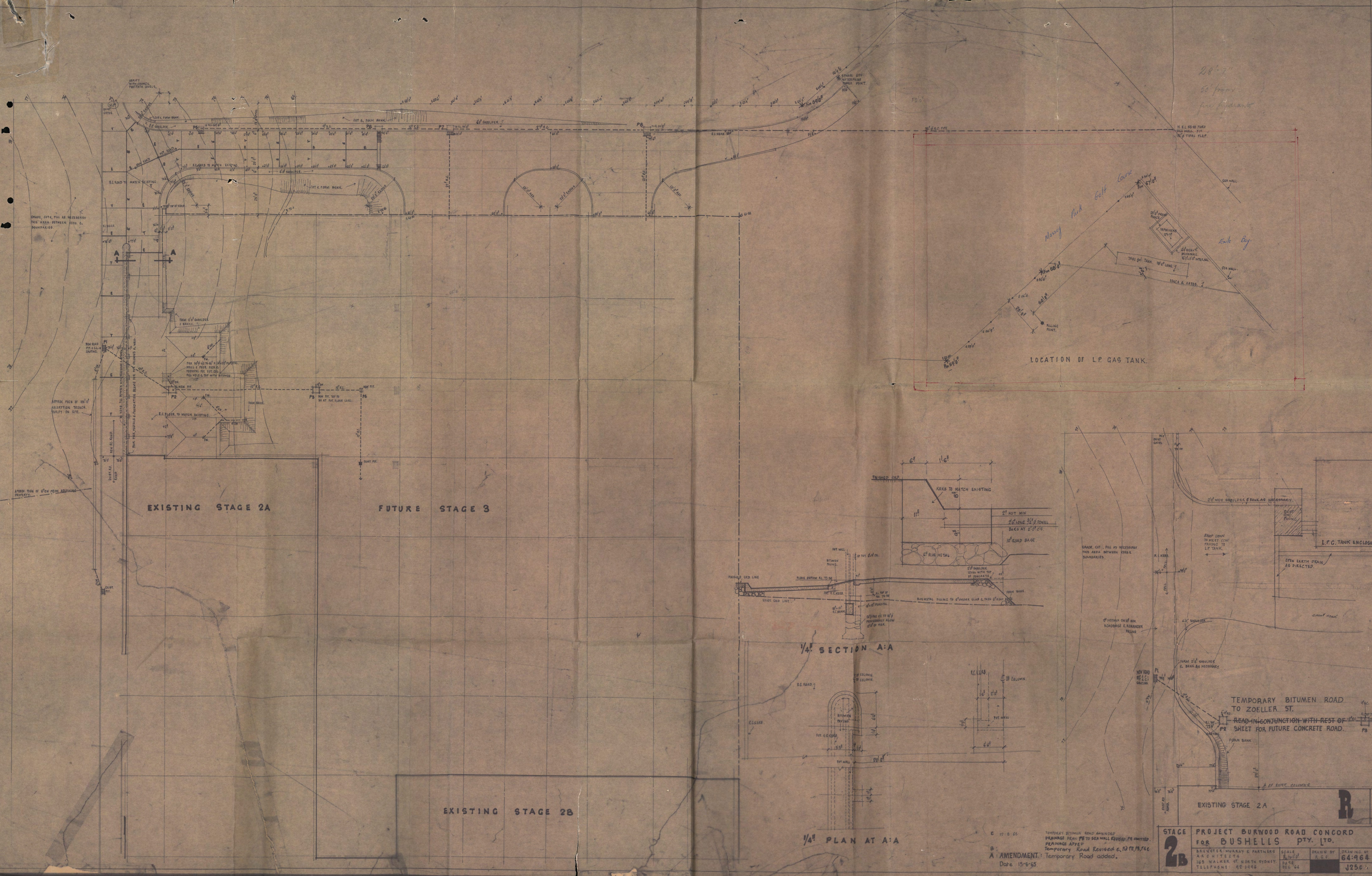
Level 3, 32 Mann Street, Gosford, NSW 2250



We are always looking for ways that we can improve our services. You may be contacted by email in the next few weeks to complete a short survey and provide us with your feedback on what we did well and where we can improve. If you do not wish to participate in our surveys, please email us at: licensingQA@customerservice.nsw.gov.au and we will ensure that you are not contacted.



ref:_00D281hl6J._5004a7h6FM:ref



12-6-65
 B:
 A: AMENDMENT: Temporary Road added.
 Date 15-6-65

2B	STAGE PROJECT BURWOOD ROAD CONCORD FOR BUSHELLS PTY. LTD.	
	BREVETTES MURRAY & PARTNERS A.C. WHITE & CO 105 WALKER ST. NORTH SYDNEY TELEPHONE: 92-0446	SCALE: 1/4" = 1'-0" DATE: DEC 64 DRAWN BY: A.C.W. DRAWING NO: 64-964 J25C

LICENCE No.	VOL
35005234	

N.S.W. GOVERNMENT DEPARTMENT OF INDUSTRIAL RELATIONS

~~DANGEROUS GOODS BRANCH~~

FILE SCANNED

DATE _____

- 2 NOV 1991

BY

MG

DISK NAME

DG 7B

BUSHEL'S FOODS P/LTD.
160 BURWOOD RD.
CONCORD.

KEEPING LICENCE

INSPECTION DISTRICT NO. 4

WEST & BANTOWN.

[illegible]



ME 35

INSPECTION RECORDLicence No. 5234Licencee: _____

Address: _____Storage licensed: _____

Sketch of Premises (Dimensions of depot and distance of same from adjoining "protected works" to be shown).

I have this date inspected the above premises and hereby certify
that the depot detailed on the most recent licence form (DG1) dated
..... agree with the all licensable dangerous
goods depots located on the premises.

Inspector of Dangerous Goods

Date

Inspected	Initials	Requisitions made or state of depot
5.2.87	gal	Now Comdis left DL' with Kevin
26.04.94	Janna Fielding	P.N 34346, 34347
29.11.95	Bill Brooks.	Notis compliat with. Licence applk to folow in mail.



35/005234

[illegible]



NOTIFICATION OF HAZARDOUS CHEMICALS CHECKLIST

INFRA #: _____

WORKFLOW #: 73986

TRIM #: _____

Acknowledgment Number (if provided): NDG or NHC 005234

New notification ☐ - Notification fee of \$100.00 received and processed Yes ☐ No ☐

Significant change ☐

Closure of record ☐

Abandonment of tank ☐

Contact details ☒

New Owner ☐

Replacement ☐ - Replacement fee of \$31.00 received and processed Yes ☐ No ☐

Site Occupier:

Freshfood Corporation plc

Site Address:

160 Burwood Rd.
Concord.

FOLLOW-UP NOTES

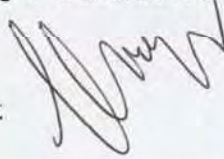
DATA ENTRY (GLS)

	Yes	No	N/A
ASIC/ABN search done to confirm name	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
GLS organisation fields updated	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Depots updated	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sketch scanned (if necessary)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

APPLICATION FINALISED

	Yes	No	N/A
Acknowledgment printed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Notification not required (below manifest)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TRIM record and hard copy file created (new sites only)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DG's mail register updated as completed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

PROCESSING OF NOTIFICATION COMPLETED

Data entry and processing of notification form completed.	
Staff members name:	
Staff member's signature:	Date:

Neal, Christian

From: Jaka Widjaja [Jaka.Widjaja@freshfood.com.au]
Sent: Tuesday, 24 February 2015 9:37 AM
To: Customer Service Centre Operations
Subject: Site Plan and Emergency Contacts
Attachments: Hazardous Chemicals Site Plan 24.02.2015.pdf

Hi Workcover,

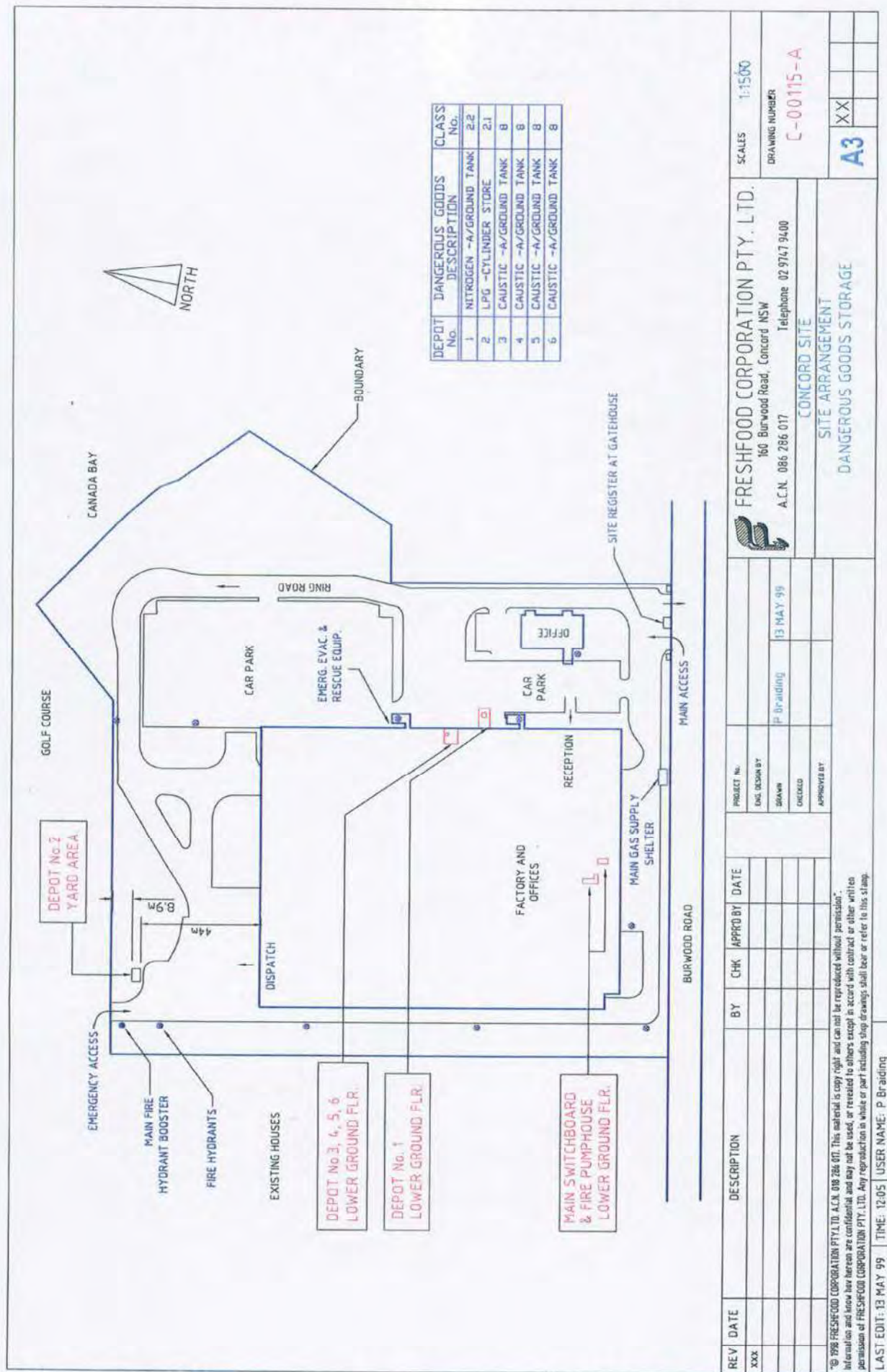
See attach for our site plan for 160 Burwood Road Concord NSW 2137. Acknowledgement Number NDG005234.
After hour contact details:

- Jaka Widjaja – 9747 9529, 0405105882
- Ramon Alvarez – 9747 9477, 0427 233 802.

Regards,

Jaka Widjaja
Project Engineer
FreshFood Corporation Pty Ltd
160 Burwood Road, Concord NSW 2137
Reception: 02 9747 9400
Direct: 02 9747 9529
Facsimile: 02 9747 9579
Email: j.widjaja@freshfood.com.au

This document and any attachments are intended solely for the named addressee, are confidential and may contain legally privileged information. The unauthorised use of this information may result in liability for breach of confidentiality, privilege or copyright.





Customer Service Centre – Operations
Ph: 13 10 50 Fax: 02 9287 5500

WorkCover NSW
92-100 Donnison Street, Gosford, NSW 2250
Locked Bag 2906, Lisarow, NSW 2252
T 02 4321 5000 F 02 4325 4145
WorkCover Assistance Service 13 10 50
DX 731 Sydney workcover.nsw.gov.au

13 February 2015

FRESH FOOD CORPORATION PTY LTD
160 Burwood Rd
CONCORD NSW 2137

ACKNOWLEDGEMENT OF NOTIFICATION OF HAZARDOUS CHEMICALS ON PREMISES

ISSUED UNDER AND SUBJECT TO THE PROVISIONS OF THE WORK HEALTH AND SAFETY
ACT 2011 AND REGULATION THEREUNDER

Acknowledgement Number NDG005234

Issued To FRESH FOOD CORPORATION PTY LTD

Trading as

Premises where notified hazardous chemicals are stored/handled

160 Burwood Rd, CONCORD NSW 2137, AUSTRALIA

Emergency Contacts for this site:

1. Jaka Widjaja

Ph. 02 9747 9400

Site Staffing Site Hours: Site Hours: 24 HRS 7 DAYS 150 STAFF

This acknowledgement must be retained as PROOF OF NOTIFICATION
You must notify WorkCover of applicable changes, specified in the Work Health and Safety
Regulation 2011, to the Hazardous Chemicals used, handled or stored on these premises.



WorkCover NSW
92-100 Donnison Street, Gosford, NSW 2250
Locked Bag 2906, Lisarow, NSW 2252
T 02 4321 5000 F 02 4325 4145
WorkCover Assistance Service 13 10 50
DX 731 Sydney workcover.nsw.gov.au

Issued To FRESH FOOD CORPORATION PTY LTD
Acknowledgement Number NDG005234

13 February 2015

Storage ID	Storage Type	Maximum Storage Capacity (Kg/L)		
1	Above Ground Tank	5700		
UN Number	Product Name	Class/Division	Typical Quantity	Packing Group
1977	NITROGEN, REFRIGERATED LIQUID	2.2	2500L	II
Storage ID	Storage Type	Maximum Storage Capacity (Kg/L)		
2	Cylinder Store	300		
UN Number	Product Name	Class/Division	Typical Quantity	Packing Group
1075	PETROLEUM GASES, LIQUEFIED	2.1	150L	
Storage ID	Storage Type	Maximum Storage Capacity (Kg/L)		
3	Above Ground Tank	1500		
UN Number	Product Name	Class/Division	Typical Quantity	Packing Group
1824	SODIUM HYDROXIDE SOLUTION	8	1500L	II
Storage ID	Storage Type	Maximum Storage Capacity (Kg/L)		
4	Above Ground Tank	2000		
UN Number	Product Name	Class/Division	Typical Quantity	Packing Group
1824	SODIUM HYDROXIDE SOLUTION	8	2000L	
Storage ID	Storage Type	Maximum Storage Capacity (Kg/L)		
5	Above Ground Tank	2000		
UN Number	Product Name	Class/Division	Typical Quantity	Packing Group
1824	SODIUM HYDROXIDE SOLUTION	8	2000L	
Storage ID	Storage Type	Maximum Storage Capacity (Kg/L)		
6	Above Ground Tank	2500		
UN Number	Product Name	Class/Division	Typical Quantity	Packing Group
1824	SODIUM HYDROXIDE SOLUTION	8	2500L	

This acknowledgement must be retained as PROOF OF NOTIFICATION
You must notify WorkCover of applicable changes, specified in the Work Health and Safety
Regulation 2011, to the Hazardous Chemicals used, handled or stored on these premises.

**NOTIFICATION OF DANGEROUS GOODS ON PREMISES
CHECKLIST (FDG01)**

INFRA #: 670595

WORKFLOW #: 19716

TRIM #: _____

Licence/Acknowledgment Number: NDG _____

005234

Site Occupier:

Freshfood corporation Pty Ltd.

Site Address:

160 Borwood Road.

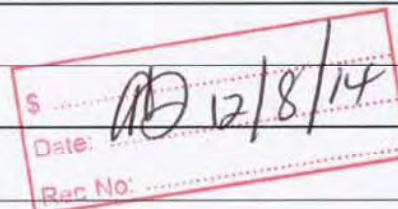
Concord NSW 2137.

Current Expiry Date: _____ / _____ / _____

Notification fee of \$100.00 received and processed ☐ Yes

RI-2485 108758

FOLLOW-UP NOTES



DATA ENTRY (GLS)

	Yes	No
ASIC/ABN search done to confirm name	<input type="checkbox"/>	<input type="checkbox"/>
GLS organisation fields updated	<input type="checkbox"/>	<input type="checkbox"/>
Depots updated	<input type="checkbox"/>	<input type="checkbox"/>
Sketch scanned (if necessary)	<input type="checkbox"/>	<input type="checkbox"/>

EXPIRY DATE DETAILS

	Yes	No
<u>Expiry Date Reset</u>		
Re-notification for further 12 months	<input type="checkbox"/>	<input type="checkbox"/>
Reset date of expiry (if necessary)	<input type="checkbox"/>	<input type="checkbox"/>

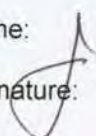
APPLICATION FINALISED

	Yes	No
Acknowledgment printed	<input type="checkbox"/>	<input type="checkbox"/>
Notification not required (below manifest)	<input type="checkbox"/>	<input type="checkbox"/>
TRIM record and hard copy file created (new sites only)	<input type="checkbox"/>	<input type="checkbox"/>
DG's mail register updated as completed	<input type="checkbox"/>	<input type="checkbox"/>

PROCESSING OF NOTIFICATION COMPLETED

Data entry and processing of notification form completed.

Staff members name:

Staff member's signature:  8/8/14

Date:



Notification of dangerous goods on premises form

RECEIVED

21 JUL 2014

DG - 01

1. APPLICATION TYPE (select only one box)

- ☐ New site \$100 fee applies.
- ☐ Further notification To be supplied every 12 months - \$100 fee applies.
- ☒ New occupier of an existing dangerous goods notifiable site (where the notification has expired) \$100 fee applies.

Please provide the following for a further notification or, if you are a new occupier of an existing dangerous goods notifiable site.

Acknowledgement number for the site (if known)
35/

Expiry date (DD/MM/YYYY)

/ / or the site address

Street number/street name (include Lot or DP number if applicable)

Street name

Suburb

State

Postcode

Westpac

Westpac Banking Corporation

275 GEORGE ST SYDNEY NSW

FreshFood Corporation Pty Ltd

ABN 74 081 286 017



PAY TO THE ORDER OF
WORKCOVER NEW SOUTH WALES

DATE 07.07.2014

\$ *****100.00*

THE SUM OF ONE HUNDRED DOLLARS AND ZERO CENTS ONLY

NOT NEGOTIABLE
A/C PAYEE ONLY

For and on behalf of FreshFood Corporation Pty. Ltd.

Handwritten signature

Handwritten signature

⑈012660⑈ 032⑈044⑈ 44⑈9316⑈

2.2 Corporation occupier

Legal name

FRESHFOOD CORPORATION PTY LTD

Registered business (trading name)

FRESHFOOD CORPORATION PTY LTD

ABN

74-081-286-017

Please go to section 2.3

135 V. 1. 1. 1.
135 V. 1. 1. 1.





FreshFood Corporation Pty Ltd

ABN 74 081 286 017

160 Burwood Road, Concord NSW 2137
Telephone: (61) (2) 9747 9400 Fax: (61) (2) 9747 9600

REMITTANCE

ADVICE

012660

CHEQUE DATE

07.07.2014

WORKCOVER NEW SOUTH WALES
LOCKED BAG 2906
LISAROW NSW 2252

REMIT
TO

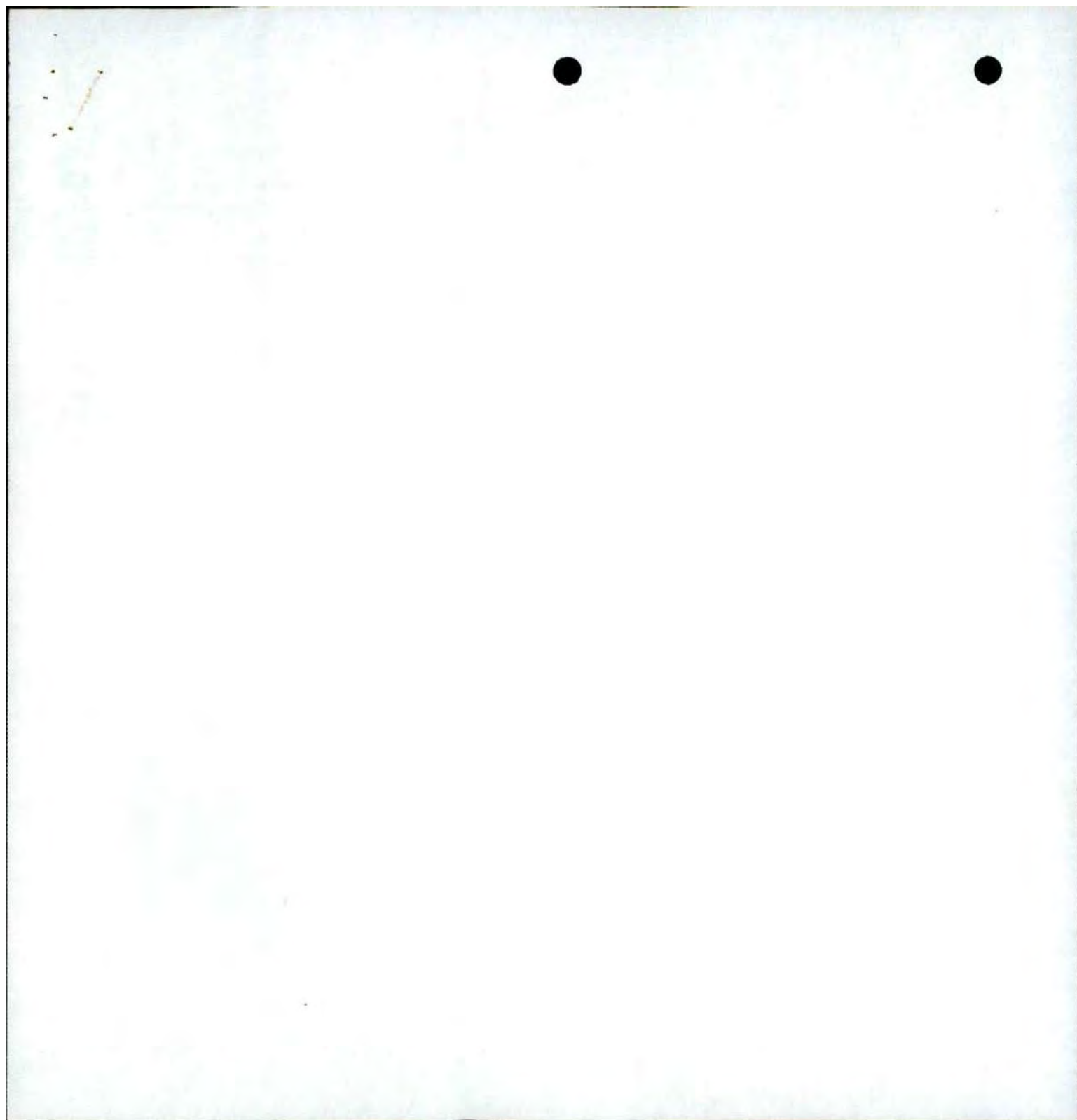
Page : 1/1

YOUR REF.	TAX INVOICE DATE	TAX INVOICE AMOUNT	TRANSACTION TYPE	DISCOUNT TAKEN	NET CHEQUE AMOUNT
-----------	------------------	--------------------	------------------	----------------	-------------------

PERMIT 01/07/14	01.07.2014	100.00	INV	0.00	100.00
-----------------	------------	--------	-----	------	--------

RECEIVED
GOS-MAIL CENTRE
21 JUL 2014
WORKCOVER
NEW SOUTH WALES

100.00



Notification of dangerous goods on premises form

This form is to be used by the occupier of a site where dangerous goods are stored and handled in quantities that, in total, exceed or are likely to exceed quantities specified in the column headed 'Manifest quantity' in schedule 5 of the OHS Regulation.

If you are taking over an existing dangerous goods site during a current notification period, do not use this form. Instead, please use the *Amendment to notification of dangerous goods on premises* (DG – 03) form (catalogue no. WC00902).

If you are notifying of the abandonment of a tank at a workplace that is underground, partially underground or fully mounded and the tank was used to store flammable gasses or flammable liquids use the *Notification of abandonment of tank* (NFTAT) form (catalogue no. WC03413).

For more information, please refer to the *Notification of dangerous goods on premises guide* (catalogue no. WC01385).

Fee

A \$100 fee is payable when submitting this form.

How to fill in this form

Please use **black ink** only and print within the boxes in **BLOCK LETTERS**.

Where options are provided, please mark box(es) with an ☒ to indicate selection(s).

Only persons over the age of 18 years can notify on behalf of the occupier of premises where dangerous goods are stored.

'Business name' means trading name and refers to registrations made to the Office of Fair Trading.

Enquiries – 13 10 50

Privacy compliance statement

This information is collected by WorkCover NSW for the purposes of undertaking the evaluation, assessment and processing of a notification of dangerous goods on premises as required by the OHS Act.

WorkCover may also use this information for the purposes of confirming applicant details and it may also be used to establish and maintain a database and to assist the WorkCover inspectorate with their work generally. This information may also be made available to other state or territory or the commonwealth regulatory agencies including Trade and Investment NSW.

Except for the purpose of prosecution and unless such disclosure is otherwise required or permitted by law, the information will not be otherwise accessed by any third parties in a way that would identify the individual, without the consent of that individual. Applicants are able to gain access to personal information pertaining to their application that is held by WorkCover. You may also apply to WorkCover to access and correct any of your own personal information WorkCover holds if that information is inaccurate, incomplete, not relevant or out of date. Applications should be made in writing to the Privacy Contact Officer, WorkCover NSW, Gosford Office, Locked Bag 2906, Lisarow, NSW 2252.

1. APPLICATION TYPE (select only one box)

☐ New site \$100 fee applies.

☐ Further notification To be supplied every 12 months - \$100 fee applies.

☒ New occupier of an existing dangerous goods notifiable site (where the notification has expired) \$100 fee applies.

Please provide the following for a further notification or, if you are a new occupier of an existing dangerous goods notifiable site.

Acknowledgement number for the site (if known)

Expiry date (DD/MM/YYYY)

or the site address

Street number/street name (include Lot or DP number if applicable)

Street name

Suburb

State

Postcode

2.1 Individual occupier

Title

Given name

Other names

Date of birth (DD/MM/YYYY)

Daytime contact number

Mobile number

Fax number

Email

Please go to section 2.4

2.2 Corporation occupier

Legal name

Registered business (trading name)

ABN

Please go to section 2.3

2.3 Contact person's details (to be completed for corporation occupiers)

Title
Mr

Family/Surname
WILDJAJA

Given name
JAKA

Other names

Date of birth (DD/MM/YYYY)
07/12/1981

Daytime contact number
0297479400

Mobile number

Fax number
0297479579

After hours contact number

Email
j.wildja@freshfood.com.au

2.4 Postal address (the address that will be used to send information to the occupier such as the acknowledgment letter and renewal reminder)

☒ Same as the site address

Street number/street name (include Lot or DP number if applicable)

Street name															State					Postcode		
Suburb																						

Please go to section 2.5

2.5 Emergency after hours contact person's details

☒ Same as above

Title Family/Surname

Given name

Other names

Date of birth (DD/MM/YYYY)

Daytime contact number Mobile number Fax number

After hours contact number

3. PREVIOUS OCCUPIER'S DETAILS (to be completed by the new occupier, if known)**Individual**

Title

Family/Surname

Given name

Other names

Corporation

Legal name

Registered business (trading name)

ABN

4. SITE DETAILS (complete for a new notification)

An A4 size sketch of the site, showing all storage facilities must be submitted with this application form and a photocopy of a street directory map or other map showing the locality of the site. The site must be marked on this map with an X. Refer to the *Notification of dangerous goods on premises guide* (catalogue no. WC01385) for more information.

☒ I have attached an A4 size sketch of the site.☒ I have attached a photocopy from a local street directory or other map showing the locality of the site. The location of the site has been marked on the map with an X.

Street number/street name (include Lot or DP number if applicable)

Street name

Suburb

State

Postcode

Nearest cross street

ANSZIC Code

Description

Is this a coal workplace or mining workplace? ☐ Yes ☐ No**5. SITE STAFFING DETAILS** (complete for a new notification or for further notifications if details have changed since the last notification)Is the site staffed? ☒ Yes. Please complete the following ☐ No. Please go to section 6.Number of staff on site Hours per day Days per week

6. STORAGE DETAILS (must be completed for both new notifications and further notifications)

If space is insufficient please provide details on a separate sheet of paper.

Storage facility
identifier

1

Type of storage facility

ABOVE GROUND TANK

Class or division

2.2

Maximum storage capacity

5700

Unit (L or kg or number)

L

UN number

1977

Class or division

Typical quantity

3000

Unit (L or kg or number)

L

Packing group

Proper shipping name

NITROGEN REFRIGERATED LIQUID

Product or common name

LIQUID NITROGEN

UN number

Class or division

Typical quantity

Unit (L or kg or number)

Packing group

Proper shipping name

Product or common name

UN number

Class or division

Typical quantity

Unit (L or kg or number)

Packing group

Proper shipping name

Product or common name

UN number

Class or division

Typical quantity

Unit (L or kg or number)

Packing group

Proper shipping name

Product or common name

Storage facility
identifier

2

Type of storage facility

CYLINDER STORE

Class or division

2.1

Maximum storage capacity

300

Unit (L or kg or number)

L

UN number

1075

Class or division

Typical quantity

150

Unit (L or kg or number)

L

Packing group

Proper shipping name

PETROLEUM GASES LIQUEFIED

Product or common name

LPG

UN number

Class or division

Typical quantity

Unit (L or kg or number)

Packing group

Proper shipping name

Product or common name

UN number

Class or division

Typical quantity

Unit (L or kg or number)

Packing group

Proper shipping name

Product or common name

UN number

Class or division

Typical quantity

Unit (L or kg or number)

Packing group

Proper shipping name

Product or common name

Storage facility
identifier

3

Type of storage facility

ABOVE GROUND TANK

Class or division

8

Maximum storage capacity

1500

Unit (L or kg or number)

L

UN number

1824

Class or division

Typical quantity

1500

Unit (L or kg or number)

L

Packing group

Proper shipping name

SODIUM HYDROXIDE SOLUTION

Product or common name

CAUSTIC

UN number

Class or division

Typical quantity

Unit (L or kg or number)

Packing group

Proper shipping name

Product or common name

UN number

Class or division

Typical quantity

Unit (L or kg or number)

Packing group

Proper shipping name

Product or common name

UN number

Class or division

Typical quantity

Unit (L or kg or number)

Packing group

Proper shipping name

Product or common name

Storage facility
identifier

4

Type of storage facility

ABOVE GROUND TANK

Class or division

8

Maximum storage capacity

2000

Unit (L or kg or number)

L

UN number

1824

Class or division

Typical quantity

2000

Unit (L or kg or number)

L

Packing group

Proper shipping name

SODIUM HYDROXIDE SOLUTION

Product or common name

CAUSTIC

UN number

Class or division

Typical quantity

Unit (L or kg or number)

Packing group

Proper shipping name

Product or common name

UN number

Class or division

Typical quantity

Unit (L or kg or number)

Packing group

Proper shipping name

Product or common name

UN number

Class or division

Typical quantity

Unit (L or kg or number)

Packing group

Proper shipping name

Product or common name

Storage facility
identifier

5

Type of storage facility

ABOVE GROUND TANK

Class or division

8

Maximum storage capacity

2000

Unit (L or kg or number)

L

UN number

1824

Class or division

Typical quantity

2000

Unit (L or kg or number)

L

Packing group

Proper shipping name

SODIUM HYDROXIDE SOLUTION

Product or common name

CAUSTIC

UN number

Class or division

Typical quantity

Unit (L or kg or number)

Packing group

Proper shipping name

Product or common name

UN number

Class or division

Typical quantity

Unit (L or kg or number)

Packing group

Proper shipping name

Product or common name

UN number

Class or division

Typical quantity

Unit (L or kg or number)

Packing group

Proper shipping name

Product or common name

Storage facility
identifier

6

Type of storage facility

ABOVE GROUND TANK

Class or division

8

Maximum storage capacity

2500

Unit (L or kg or number)

L

UN number

1824

Class or division

Typical quantity

2500

Unit (L or kg or number)

L

Packing group

Proper shipping name

SODIUM HYDROXIDE SOLUTION

Product or common name

CAUSTIC

UN number

Class or division

Typical quantity

Unit (L or kg or number)

Packing group

Proper shipping name

Product or common name

UN number

Class or division

Typical quantity

Unit (L or kg or number)

Packing group

Proper shipping name

Product or common name

UN number

Class or division

Typical quantity

Unit (L or kg or number)

Packing group

Proper shipping name

Product or common name

Proper shipping name

Product or common name					

UN number	Class or division	Typical quantity	Unit (L or kg or number)	Packing group

Proper shipping name

[illegible]

UN number	Class or division	Typical quantity	Unit (L or kg or number)	Packing group
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Proper shipping name

[illegible]

UN number	Class or division	Typical quantity	Unit (L or kg or number)	Packing group
<div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>

Proper shipping name

[illegible]

10. CHECKLIST TO SUBMIT YOUR APPLICATION**Attached Document**

- ☒ A4 size site sketch map. Refer to the *Notification of dangerous goods on premises guide* (catalogue no. WC01385).
- ☒ Legible photocopy from a local street directory or other map showing the locality of the site. Mark the location of the site on the map with an X.
- ☒ \$100 fee.

11. HOW TO SUBMIT THIS FORM

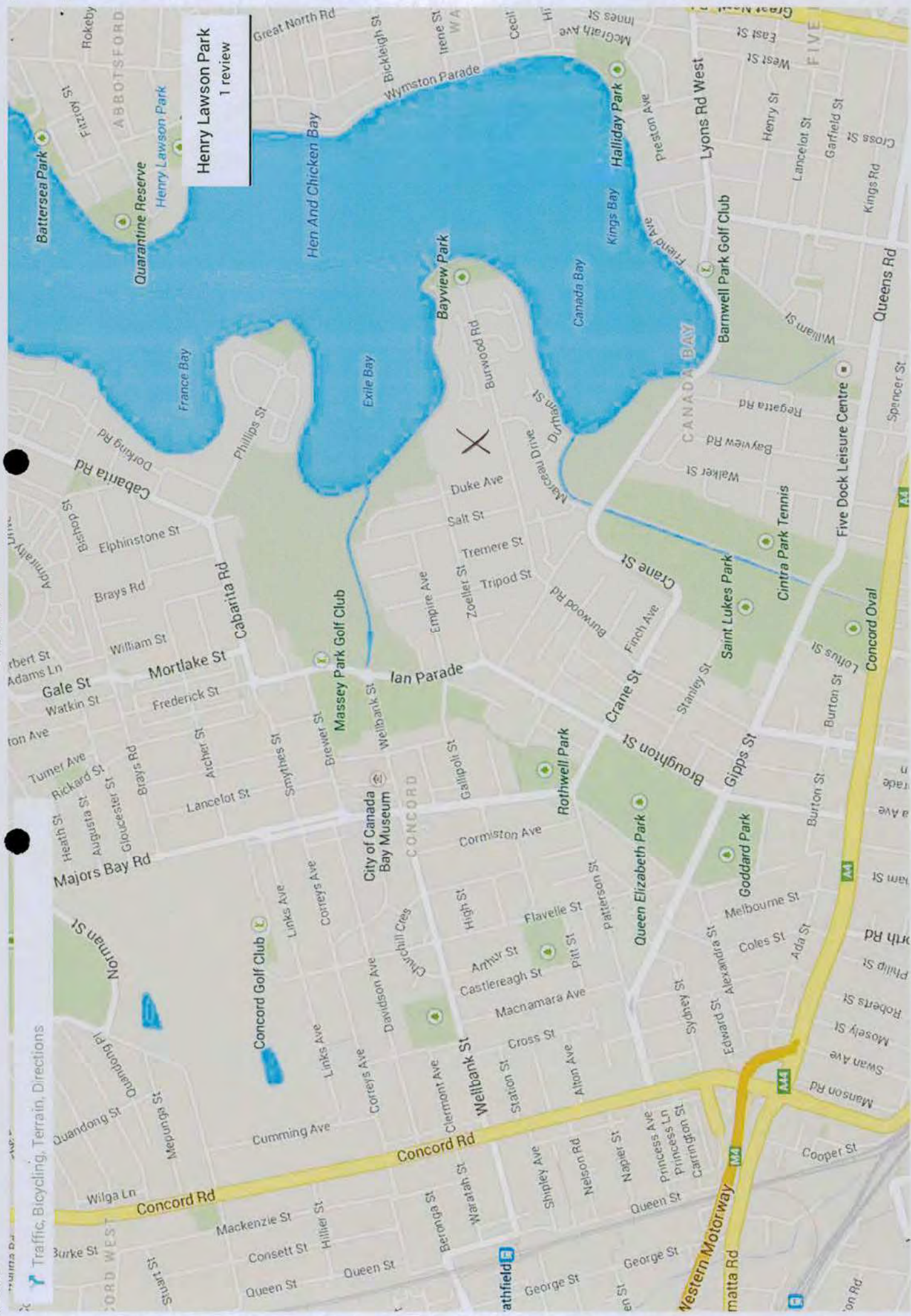
The declaration signature must be visible on any applications lodged by fax. Please fax or post or hand deliver the application to WorkCover. Do not do all three.

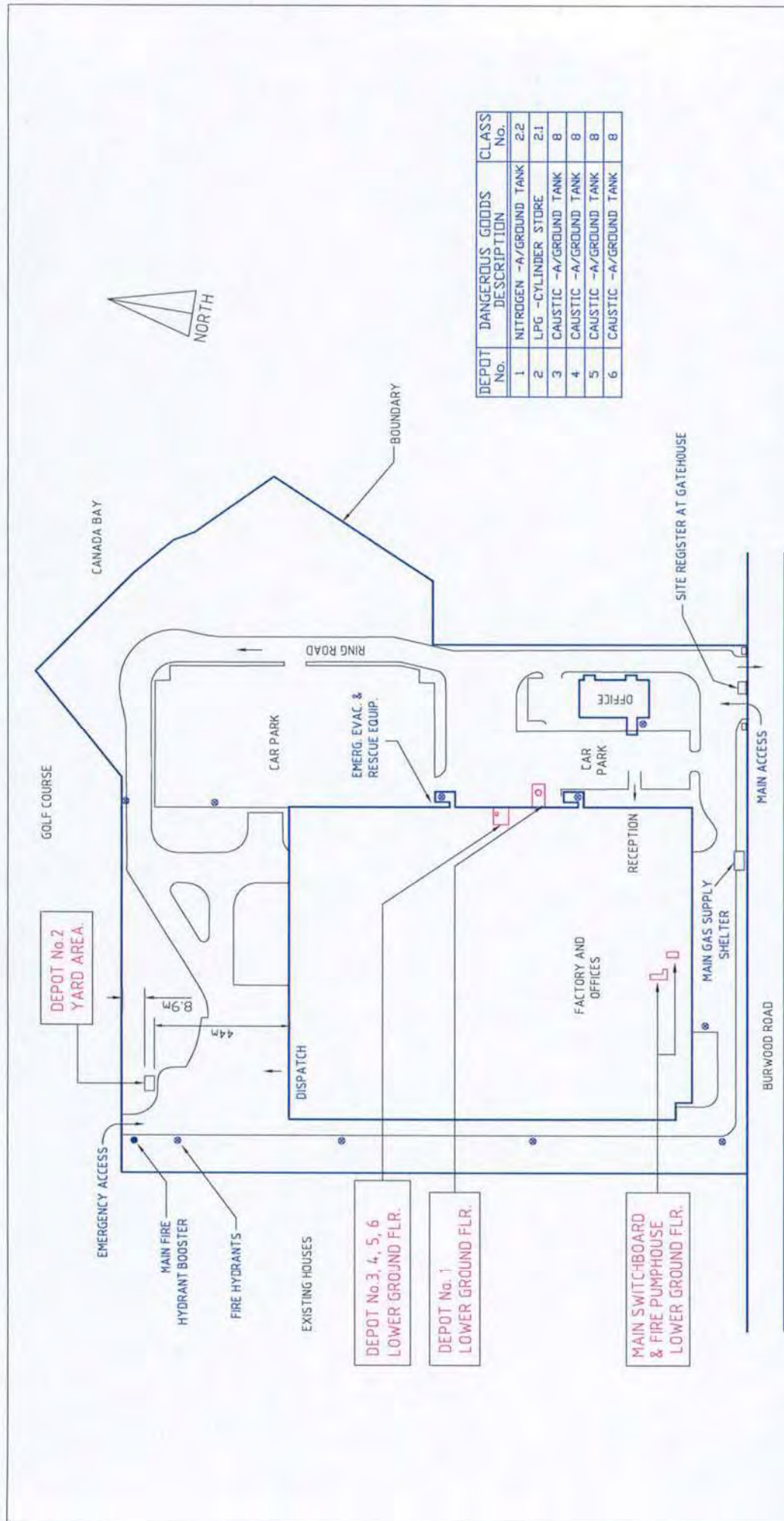
Fax: (02) 9287 5500

Post: Licensing Solutions, WorkCover NSW, Locked Bag 2906, Lisarow, NSW 2252.

At any WorkCover office. WorkCover office locations are listed on the WorkCover website workcover.nsw.gov.au

Note: It is a requirement of clause 361 Emergency Plans of the *Work Health and Safety Regulation 2011* that you lodge an emergency plan with Fire and Rescue NSW. For more information, please refer to the Fire and Rescue NSW website fire.nsw.gov.au





DEPOT No.	DEPOT DESCRIPTION	CLASS No.
1	NITROGEN -A/GROUND TANK	2.2
2	LPG -CYLINDER STORE	2.1
3	CAUSTIC -A/GROUND TANK	8
4	CAUSTIC -A/GROUND TANK	8
5	CAUSTIC -A/GROUND TANK	8
6	CAUSTIC -A/GROUND TANK	8

REV	DATE	DESCRIPTION	BY	CHK	APPROD BY	DATE	PROJECT No.	ENG DESIGN BY	DATE	SCALE	1:1500
XXX											
© 1998 FRESHFOOD CORPORATION PTY LTD. A.C.N. 086 286 017. This material is copy right and can not be reproduced without permission. Information and know how hereon are confidential and may not be used, or revealed to others except in accord with contract or other written permission of FRESHFOOD CORPORATION PTY LTD. Any reproduction in whole or part including shop drawings shall bear or refer to this stamp.										LAST EDIT: 13 MAY 99 TIME: 12:05 USER NAME: P Braiding	
FRESHFOOD CORPORATION PTY. LTD. 160 Burwood Road, Concord NSW A.C.N. 086 286 017 Telephone 02 9747 9400										DRAWING NUMBER C-00115-A	
CONCORD SITE SITE ARRANGEMENT DANGEROUS GOODS STORAGE										A3 XX	

**NOTIFICATION OF DANGEROUS GOODS ON PREMISES
CHECKLIST (FDG01)**

R1-20 3873/679

INFRA # 549237

Licence/Acknowledgment Number: NDG 005234
Site Occupier: Fresh Food Corporation
Site Address: 160 Burwood Rd
Concord NSW 2137
Current Expiry Date: ____/____/____
Notification fee of \$100 received: ☐ Yes

FOLLOW-UP NOTES

[Stamp: Date: 09/08/13, Rec No: 90]

DATA ENTRY (GLS)

	Yes	No
ASIC/ABN search done to confirm name	<input type="checkbox"/>	<input type="checkbox"/>
GLS organisation fields updated	<input type="checkbox"/>	<input type="checkbox"/>
Depots updated	<input type="checkbox"/>	<input type="checkbox"/>
Sketch scanned (if necessary)	<input type="checkbox"/>	<input type="checkbox"/>

EXPIRY DATE DETAILS

	Yes	No
<u>Expiry Date Reset</u>		
Re-notification for further 12 months	<input type="checkbox"/>	<input type="checkbox"/>
Reset date of expiry (if necessary)	<input type="checkbox"/>	<input type="checkbox"/>

APPLICATION FINALISED

	Yes	No
Acknowledgment printed	<input type="checkbox"/>	<input type="checkbox"/>
Notification not required (below manifest)	<input type="checkbox"/>	<input type="checkbox"/>

TRIM record and hard copy file created (New sites only)



INFRA mail register updated as completed



PROCESSING OF NOTIFICATION COMPLETED

Data entry and processing of notification form completed.

Staff members name: *D/HAYLES*

Staff member's signature: *D/HAYLES*

Date:

6/8/2013



FreshFood Sydney Pty Ltd

ABN 86 081 286 071

160 Burwood Road, Concord NSW 2137
Telephone: (61) (2) 9747 9400 Fax: (61) (2) 9747 9600

REMITTANCE
ADVICE
001688
CHEQUE DATE
23.07.2013

WORK COVER NEW SOUTH WALES
GPO BOX 5364
SYDNEY NSW 2001

REMIT
TO

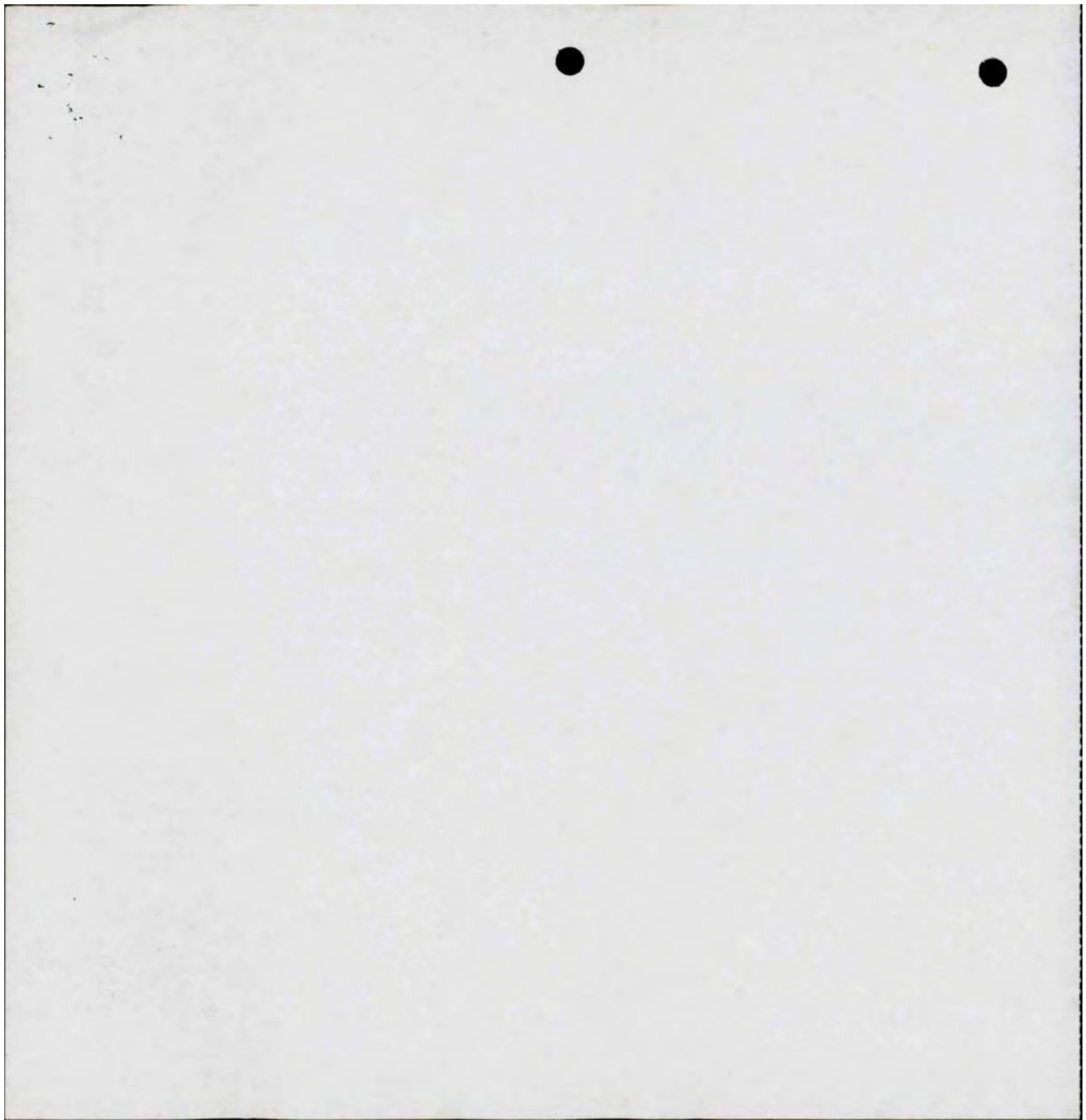
Page : 1/1

YOUR REF.	INVOICE DATE	INVOICE AMOUNT	TRANSACTION TYPE	DISCOUNT TAKEN	NET CHEQUE AMOUNT
LICENSE 10/07/1310.07.2013		100.00	INV	0.00	100.00

RECEIVED
GOS-MAIL CENTRE
30 JUL 2013
WORKCOVER
NEW SOUTH WALES

REMSYD

100.00



Notification of dangerous goods on premises form

30 JUL 2013 DG-01

1. APPLICATION TYPE (select only one box)

- ☐ New site \$100 fee applies.
- ☐ Further notification To be supplied every 12 months – \$100 fee applies.
- ☒ New occupier of an existing dangerous goods notifiable site (where the notification has expired) \$100 fee applies.

Please provide the following for a further notification or, if you are a new occupier of an existing dangerous goods notifiable site.

Acknowledgement number for the site (if known)

35/

Expiry date (DD/MM/YYYY)

/ / or the site address

Street number/street name (include Lot or DP number if applicable)

Street name

Suburb

State

Postcode

Westpac Westpac Banking Corporation
275 George Street Sydney NSW

FreshFood Sydney Pty Ltd

ABN 86 081 286 071

PAY TO THE ORDER OF

WORK COVER NEW SOUTH WALES

DATE

23.07.2013

THE SUM OF ONE HUNDRED DOLLARS AND ZERO CENTS ONLY

\$

*****100.00

For and on behalf of FreshFood Sydney Pty. Ltd.

[Signature]

[Signature]

⑈001688⑈ 032⑈044⑈ 44⑈9375⑈

FRESHFOOD CORPORATION PTY LTD

Registered business (trading name)

FRESHFOOD CORPORATION PTY LTD

ABN

74-081-286-017

Please go to section 2.3



WorkCover

Occupational Health and Safety Act 2000 (OHS Act) –
Occupational Health and Safety Regulation 2001 (OHS Regulation)

DG – 01
June 2012

Notification of dangerous goods on premises form

This form is to be used by the occupier of a site where dangerous goods are stored and handled in quantities that, in total, exceed or are likely to exceed quantities specified in the column headed 'Manifest quantity' in schedule 5 of the OHS Regulation.

If you are taking over an existing dangerous goods site during a current notification period, do not use this form. Instead, please use the *Amendment to notification of dangerous goods on premises* (DG – 03) form (catalogue no. WC00902).

If you are notifying of the abandonment of a tank at a workplace that is underground, partially underground or fully mounded and the tank was used to store flammable gasses or flammable liquids use the *Notification of abandonment of tank* (NFTAT) form (catalogue no. WC03413).

For more information, please refer to the *Notification of dangerous goods on premises guide* (catalogue no. WC01385).

Fee

A \$100 fee is payable when submitting this form.

How to fill in this form

Please use **black** ink only and print within the boxes in **BLOCK LETTERS**.

Where options are provided, please mark box(es) with an **X** to indicate selection(s).

Only persons over the age of 18 years can notify on behalf of the occupier of premises where dangerous goods are stored.

'Business name' means trading name and refers to registrations made to the Office of Fair Trading.

Enquiries – 13 10 50

Privacy compliance statement

This information is collected by WorkCover NSW for the purposes of undertaking the evaluation, assessment and processing of a notification of dangerous goods on premises as required by the OHS Act.

WorkCover may also use this information for the purposes of confirming applicant details and it may also be used to establish and maintain a database and to assist the WorkCover inspectorate with their work generally. This information may also be made available to other state or territory or the commonwealth regulatory agencies including Trade and Investment NSW.

Except for the purpose of prosecution and unless such disclosure is otherwise required or permitted by law, the information will not be otherwise accessed by any third parties in a way that would identify the individual, without the consent of that individual. Applicants are able to gain access to personal information pertaining to their application that is held by WorkCover. You may also apply to WorkCover to access and correct any of your own personal information WorkCover holds if that information is inaccurate, incomplete, not relevant or out of date. Applications should be made in writing to the Privacy Contact Officer, WorkCover NSW, Gosford Office, Locked Bag 2906, Lisarow, NSW 2252.

1. APPLICATION TYPE (select only one box)

- ☐ New site \$100 fee applies.
- ☐ Further notification To be supplied every 12 months – \$100 fee applies.
- ☒ New occupier of an existing dangerous goods notifiable site (where the notification has expired) \$100 fee applies.

Please provide the following for a further notification or, if you are a new occupier of an existing dangerous goods notifiable site.

Acknowledgement number for the site (if known)

35/

Expiry date (DD/MM/YYYY)

/ /

or the site address

Street number/street name (include Lot or DP number if applicable)

Street name

Suburb

State

Postcode

2. SITE OCCUPIER'S DETAILS (person in control of the site)

Required for a new site or a new occupier of an existing dangerous goods notifiable site (where the notification period has expired). It is only required for a further notification where details have changed.

2.1 Individual occupier

Title

Family/Surname

Given name

Other names

Date of birth (DD/MM/YYYY)

/ /

Daytime contact number

Mobile number

Fax number

Email

Please go to section 2.4

2.2 Corporation occupier

Legal name

F R E S H F O O D C O R P O R A T I O N P T Y L T D

Registered business (trading name)

F R E S H F O O D C O R P O R A T I O N P T Y L T D

ABN

7 4 - 0 8 1 - 2 8 6 - 0 1 7

Please go to section 2.3

2.3 Contact person's details (to be completed for corporation occupiers)

Title Family/Surname

Given name

Other names

Date of birth (DD/MM/YYYY)

Daytime contact number Mobile number Fax number

After hours contact number

Email

2.4 Postal address (the address that will be used to send information to the occupier such as the acknowledgment letter and renewal reminder)

☒ Same as the site address

Street number/street name (include Lot or DP number if applicable)

Street name

Suburb

State

Postcode

Please go to section 2.5

2.5 Emergency after hours contact person's details

☒ Same as above

Title	Family/Surname	
Given name	Other names	
Date of birth (DD/MM/YYYY)	Daytime contact number	Mobile number
	After hours contact number	Fax number

3. PREVIOUS OCCUPIER'S DETAILS (to be completed by the new occupier, if known)**Individual**

Title

Family/Surname

Given name

Other names

Corporation

Legal name

Registered business (trading name)

ABN

4. SITE DETAILS (complete for a new notification)

An A4 size sketch of the site, showing all storage facilities must be submitted with this application form and a photocopy of a street directory map or other map showing the locality of the site. The site must be marked on this map with an X. Refer to the *Notification of dangerous goods on premises guide* (catalogue no. WC01385) for more information.

☒ I have attached an A4 size sketch of the site.☒ I have attached a photocopy from a local street directory or other map showing the locality of the site. The location of the site has been marked on the map with an X.

Street number/street name (include Lot or DP number if applicable)

Street name

Suburb

State

Postcode

Nearest cross street

ANSZIC Code

Description

Is this a coal workplace or mining workplace? ☐ Yes ☐ No**5. SITE STAFFING DETAILS** (complete for a new notification or for further notifications if details have changed since the last notification)Is the site staffed? ☒ Yes. Please complete the following ☐ No. Please go to section 6.Number of staff on site Hours per day Days per week

6. STORAGE DETAILS (must be completed for both new notifications and further notifications)

If space is insufficient please provide details on a separate sheet of paper.

Storage facility
identifier

1

Type of storage facility

ABOVE GROUND TANK

Class or division

2.1

Maximum storage capacity

4200

Unit (L or kg or number)

L

UN number

1075

Class or division

Typical quantity

2100

Unit (L or kg or number)

L

Packing group

Proper shipping name

PETROLEUM GASES LIQUEFIED

Product or common name

PETROLEUM GASES LIQUEFIED

UN number

Class or division

Typical quantity

Unit (L or kg or number)

Packing group

Proper shipping name

Product or common name

UN number

Class or division

Typical quantity

Unit (L or kg or number)

Packing group

Proper shipping name

Product or common name

UN number

Class or division

Typical quantity

Unit (L or kg or number)

Packing group

Proper shipping name

Product or common name

Storage facility
identifier

2

Type of storage facility

CYLINDER

STORE

Class or division

2.1

Maximum storage capacity

300

Unit (L or kg or number)

L

UN number

1075

Class or division

Typical quantity

150

Unit (L or kg or number)

L

Packing group

Proper shipping name

PETROLEUM

GASES

LIQUEFIED

Product or common name

LPG

UN number

Class or division

Typical quantity

Unit (L or kg or number)

Packing group

Proper shipping name

Product or common name

UN number

Class or division

Typical quantity

Unit (L or kg or number)

Packing group

Proper shipping name

Product or common name

UN number

Class or division

Typical quantity

Unit (L or kg or number)

Packing group

Proper shipping name

Product or common name

Notification of dangerous goods on premises form

DG - 01

Storage facility
identifier

3

Type of storage facility

ABOVE GROUND TANK

Class or division

8

Maximum storage capacity

1500

Unit (L or kg or number)

L

UN number

1824

Class or division

Typical quantity

1500

Unit (L or kg or number)

L

Packing group

Proper shipping name

SODIUM HYDROXIDE SOLUTION

Product or common name

CAUSTIC

UN number

Class or division

Typical quantity

Unit (L or kg or number)

Packing group

Proper shipping name

Product or common name

UN number

Class or division

Typical quantity

Unit (L or kg or number)

Packing group

Proper shipping name

Product or common name

UN number

Class or division

Typical quantity

Unit (L or kg or number)

Packing group

Proper shipping name

Product or common name

Notification of dangerous goods on premises form

DG - 01

Storage facility
identifier

4

Type of storage facility

ABOVE GROUND TANK

Class or division

2.2

Maximum storage capacity

2500

Unit (L or kg or number)

L

UN number

1977

Class or division

Typical quantity

5000

Unit (L or kg or number)

L

Packing group

Proper shipping name

NITROGEN REFRIGERATED LIQUID

Product or common name

LIQUID NITROGEN

UN number

Class or division

Typical quantity

Unit (L or kg or number)

Packing group

Proper shipping name

Product or common name

UN number

Class or division

Typical quantity

Unit (L or kg or number)

Packing group

Proper shipping name

Product or common name

UN number

Class or division

Typical quantity

Unit (L or kg or number)

Packing group

Proper shipping name

Product or common name

Notification of dangerous goods on premises form

DG - 01

Storage facility
identifier

6

Type of storage facility

ABOVE GROUND TANK

Class or division

8

Maximum storage capacity

2000

Unit (L or kg or number)

L

UN number

1824

Class or division

Typical quantity

2000

Unit (L or kg or number)

L

Packing group

Proper shipping name

SODIUM HYDROXIDE SOLUTION

Product or common name

CAUSTIC

UN number

Class or division

Typical quantity

Unit (L or kg or number)

Packing group

Proper shipping name

Product or common name

UN number

Class or division

Typical quantity

Unit (L or kg or number)

Packing group

Proper shipping name

Product or common name

UN number

Class or division

Typical quantity

Unit (L or kg or number)

Packing group

Proper shipping name

Product or common name

Notification of dangerous goods on premises form

DG - 01

Storage facility
identifier

7

Type of storage facility

ABOVE GROUND TANK

Class or division

8

Maximum storage capacity

2000

Unit (L or kg or number)

L

UN number

1824

Class or division

Typical quantity

2000

Unit (L or kg or number)

L

Packing group

Proper shipping name

SODIUM HYDROXIDE SOLUTION

Product or common name

CAUSTIC

UN number

Class or division

Typical quantity

Unit (L or kg or number)

Packing group

Proper shipping name

Product or common name

UN number

Class or division

Typical quantity

Unit (L or kg or number)

Packing group

Proper shipping name

Product or common name

UN number

Class or division

Typical quantity

Unit (L or kg or number)

Packing group

Proper shipping name

Product or common name

Notification of dangerous goods on premises form

DG - 01

Storage facility
identifier

5

Type of storage facility

ABOVE GROUND TANK

Class or division

8

Maximum storage capacity

2500

Unit (L or kg or number)

L

UN number

1824

Class or division

Typical quantity

2500

Unit (L or kg or number)

L

Packing group

Proper shipping name

SODIUM HYDROXIDE SOLUTION

Product or common name

CAUSTIC

UN number

Class or division

Typical quantity

Unit (L or kg or number)

Packing group

Proper shipping name

Product or common name

UN number

Class or division

Typical quantity

Unit (L or kg or number)

Packing group

Proper shipping name

Product or common name

UN number

Class or division

Typical quantity

Unit (L or kg or number)

Packing group

Proper shipping name

Product or common name

10. CHECKLIST TO SUBMIT YOUR APPLICATION**Attached Document**

- ☒ A4 size site sketch map. Refer to the *Notification of dangerous goods on premises guide* (catalogue no. WC01385).
- ☒ Legible photocopy from a local street directory or other map showing the locality of the site. Mark the location of the site on the map with an X.
- ☒ \$100 fee.

11. HOW TO SUBMIT THIS FORM

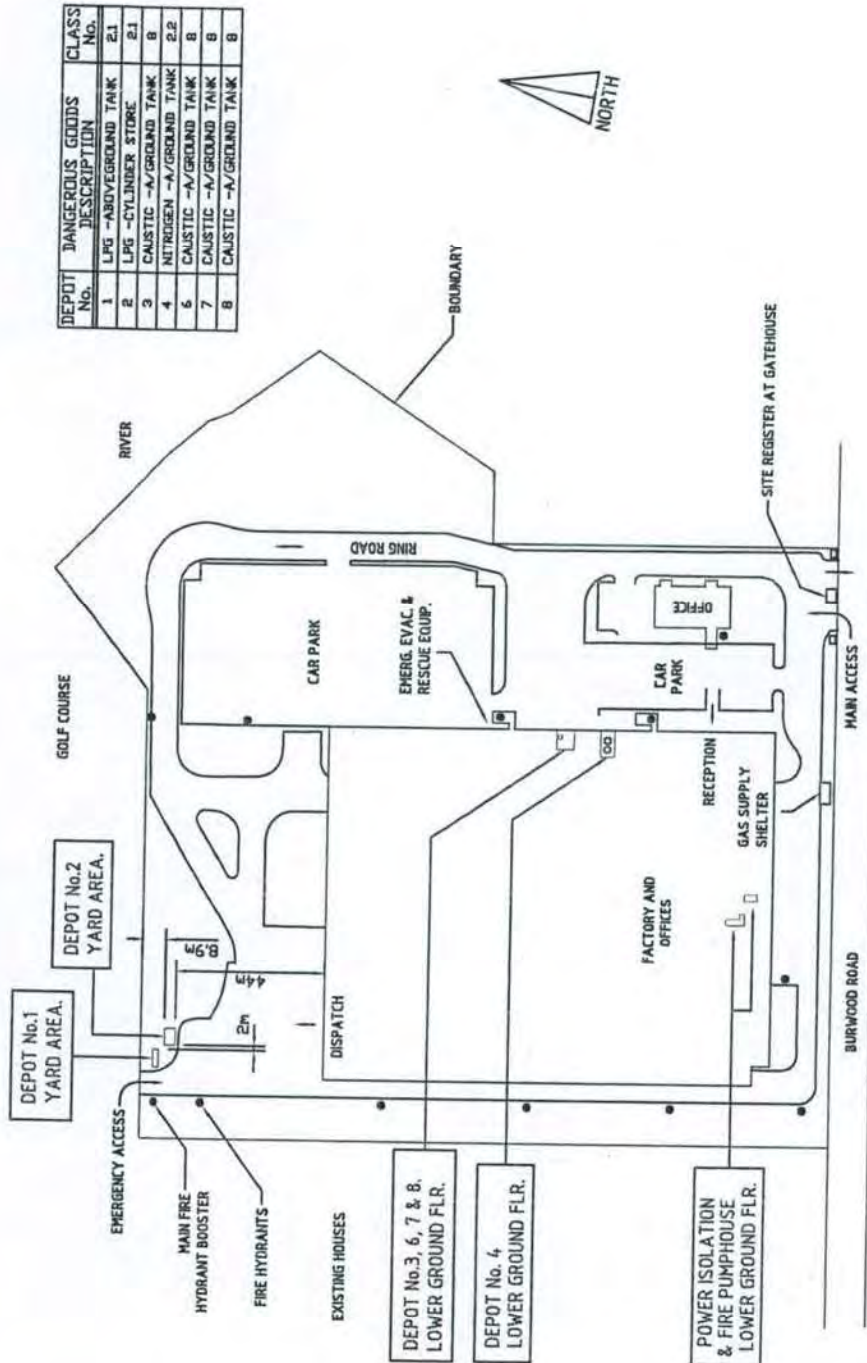
The declaration signature must be visible on any applications lodged by fax. Please fax or post or hand deliver the application to WorkCover. Do not do all three.

Fax: (02) 9287 5500

Post: Licensing Solutions, WorkCover NSW, Locked Bag 2906, Lisarow, NSW 2252.

At any WorkCover office. WorkCover office locations are listed on the WorkCover website workcover.nsw.gov.au

Note: It is a requirement of clause 361 Emergency Plans of the *Work Health and Safety Regulation 2011* that you lodge an emergency plan with Fire and Rescue NSW. For more information, please refer to the Fire and Rescue NSW website fire.nsw.gov.au



DEPOT No.	DANGEROUS GOODS DESCRIPTION	CLASS No.
1	LPG - ABOVEGROUND TANK	2.1
2	LPG - CYLINDER STORE	2.1
3	CAUSTIC - A/GROUND TANK	8
4	NITROGEN - A/GROUND TANK	2.2
6	CAUSTIC - A/GROUND TANK	8
7	CAUSTIC - A/GROUND TANK	8
8	CAUSTIC - A/GROUND TANK	8

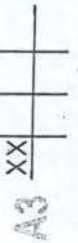
REV	DATE	DESCRIPTION	BY	CHK	APPROD BY	DATE
XXX						

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 Information and know how herein are confidential and may not be used, or revealed to others except in accord with contract or other written permission of FRESHFOOD CORPORATION PTY. LTD. Any reproduction in whole or part including shop drawings shall bear or refer to this stamp.
 LAST EDIT: 13 MAY 99 TIME: 12:05 USER NAME: P Braiding

PROJECT No.	
DESIGN BY	
DRAWN	P Braiding
CHECKED	13 MAY 99
APPROVED BY	

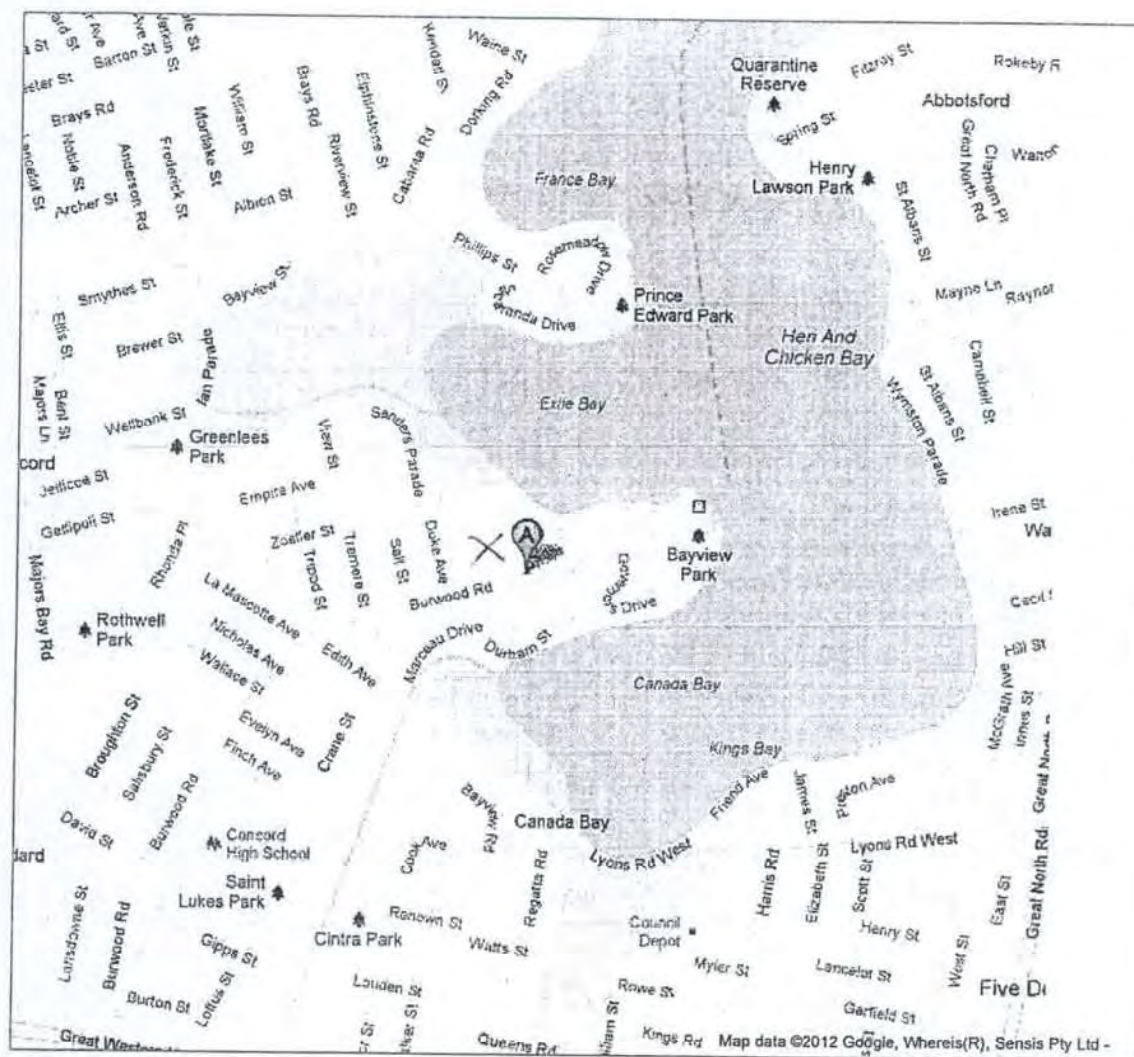
160 Burwood Road, Concord NSW
 A.C.N. 086 286 017 Telephone 02 9747 9400
 CONCORD SITE
 SITE ARRANGEMENT
 DANGEROUS GOODS STORAGE

SCALES 1:1500
 DRAWING NUMBER
 C-00115-A



Digitized by Google

To see all the details that are visible on the screen, use the **Print** link next to the map.



INFRA # 421659.

FOLLOW-UP NOTES

~~XXXXXXXXXXXXXXXXXXXX~~
R 1-1556260763

	Yes	No
ASIC/ABN search done to confirm name	<input type="checkbox"/>	<input type="checkbox"/>
SCID organisation fields updated	<input type="checkbox"/>	<input type="checkbox"/>
Depots updated	<input type="checkbox"/>	<input type="checkbox"/>
Sketch scanned	<input type="checkbox"/>	<input type="checkbox"/>
Site mapped	<input type="checkbox"/>	<input type="checkbox"/>

<u>Expiry Date Reset</u>		Yes	No
Re-notification for further 12 months	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Period Of Non Notification</u>			
Old Exp Date: <u>2002/2011</u>	App received date: <u>1107/2012</u>	New Exp Date: <u>1107/2013</u>	
Reset date of expiry	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

APPLICATION FINALISED

	Yes	No
Acknowledgment printed	<input type="checkbox"/>	<input type="checkbox"/>
Notification not required (below manifest)	<input type="checkbox"/>	<input type="checkbox"/>
TRIM record and hard copy file created (New sites only)	<input type="checkbox"/>	<input type="checkbox"/>
DG's mail register updated as completed	<input type="checkbox"/>	

PROCESSING OF NOTIFICATION COMPLETED

Data entry and processing of notification form completed.

Staff members name: R Carr

Staff member's signature: RE Date: 17/07/12

RECEIVED
11 JUL 2012
BY:

Notification of dangerous goods on premises

DG-01

1. APPLICATION TYPE (select only one box)

- ☐ New site \$100 fee applies.
- ☐ Further notification To be supplied every 12 months – \$100 fee applies.
- ☒ New occupier of an existing dangerous goods notifiable site (where the notification has expired) \$100 fee applies.

Please provide the following for a further notification or, if you are a new occupier of an existing dangerous goods notifiable site.

Acknowledgement number for the site (if known)

35/

Expiry date (DD/MM/YYYY)

/ / or the site address

Street number/street name (include Lot or DP number if applicable)

Street name

St.

Westpac Westpac Banking Corporation
27 George Street Sydney NSW

FreshFood Sydney Pty Ltd
ABN 86 081 286 071

DATE 06.07.2012

PAY TO THE ORDER OF
WORK COVER NEW SOUTH WALES

THE SUM OF ONE HUNDRED DOLLARS AND ZERO CENTS ONLY

For and on behalf of FreshFood Sydney Pty. Ltd.

NEGOTIABLE
PAYEE ONLY

\$ *****100.00*

[Signature]

[Signature]

⑈001411⑈ 032⑈044⑈ 44⑈9375⑈

2.2 Corporation occupier

Legal name

FRESHFOOD CORPORATION PTY LTD

Registered business (trading name)

FRESHFOOD CORPORATION PTY LTD

ABN

74-081-286-017

Please go to section 2.3



Notification of dangerous goods on premises form

This form is to be used by the occupier of a site where dangerous goods are stored and handled in quantities that, in total, exceed or are likely to exceed quantities specified in the column headed 'Manifest quantity' in schedule 5 of the WHS Regulation.

If you are taking over an existing dangerous goods site during a current notification period, do not use this form. Instead, please use the *Amendment to notification of dangerous goods on premises* (DG – 03) form (catalogue no. WC00902).

For more information, please refer to the *Notification of dangerous goods on premises guide* (catalogue no. WC01385).

Fee

A \$100 fee is payable when submitting this form.

How to fill in this form

Please use **black** ink only and print within the boxes in BLOCK LETTERS.

Where options are provided, please mark box(es) with an ☒ to indicate selection(s).

Only persons over the age of 18 years can notify on behalf of the occupier of premises where dangerous goods are stored.

'Business name' means trading name and refers to registrations made to the Office of Fair Trading.

Enquiries – 13 10 50

Privacy compliance statement

This information is collected by WorkCover for the purposes of undertaking the evaluation, assessment and processing of a notification of dangerous goods on premises, as required by the WHS Regulation.

WorkCover will also use this information for the purposes of confirming applicant details for further notifications, to establish and maintain a database and to assist the WorkCover inspectorate with their work generally. This information may also be made available to other State government agencies, including the NSW Fire Brigades, Industry and Investment NSW and the Department of Environment, Climate Change and Water NSW.

Applicants are able to gain access to personal information pertaining to their application that is held by WorkCover. You may also apply to WorkCover to access and correct any of your own personal information WorkCover holds if that information is inaccurate, incomplete, not relevant or out of date. Applications should be made in writing to the Privacy Contact Officer, WorkCover NSW, Gosford Office, Locked Bag 2906, Lisarow, NSW 2252.



1. APPLICATION TYPE (select only one box)

- ☐ New site \$100 fee applies.
- ☐ Further notification To be supplied every 12 months – \$100 fee applies.
- ☒ New occupier of an existing dangerous goods notifiable site (where the notification has expired) \$100 fee applies.

Please provide the following for a further notification or, if you are a new occupier of an existing dangerous goods notifiable site.

Acknowledgement number for the site (if known)

35/

Expiry date (DD/MM/YYYY)

/ / or the site address

Street number/street name (include Lot or DP number if applicable)

Street name

Suburb

State

Postcode

2. SITE OCCUPIER'S DETAILS (person in control of the site)

Required for a new site or a new occupier of an existing dangerous goods notifiable site (where the notification period has expired). It is only required for a further notification where details have changed.

2.1 Individual occupier

Title

Family/Surname

Given name

Other names

Date of birth (DD/MM/YYYY)

Daytime contact number

Mobile number

Fax number

Email

Please go to section 2.4

2.2 Corporation occupier

Legal name

F R E S H F O O D C O R P O R A T I O N P T Y L T D

Registered business (trading name)

F R E S H F O O D C O R P O R A T I O N P T Y L T D

ABN

7 4 - 0 8 1 - 2 8 6 - 0 1 7

Please go to section 2.3

Title Family/Surname

Given name

Other names

Date of birth (DD/MM/YYYY)

Daytime contact number Mobile number Fax number

After hours contact number

Email

☒ Same as the site address

Street name																				State					Postcode				
Suburb																													

Please go to section 2.5

☐ Same as above

Title
Mrs

Family/Surname
DELEEUW

Given name
KAREN

Other names

Date of birth (DD/MM/YYYY)
28/01/1975

Daytime contact number
0297479485

Mobile number
0450400919

Fax number
0297479600

After hours contact number
0297479400

3. PREVIOUS OCCUPIER'S DETAILS (to be completed by the new occupier, if known)**Individual**

Title

Family/Surname

Given name

Other names

Corporation

Legal name

Registered business (trading name)

ABN

4. SITE DETAILS (complete for a new notification)

An A4 size sketch of the site, showing all storage facilities must be submitted with this application form and a photocopy of a street directory map or other map showing the locality of the site. The site must be marked on this map with an X. Refer to the *Notification of dangerous goods on premises guide* (catalogue no. WC01385) for more information.

☒ I have attached an A4 size sketch of the site.

☒ I have attached a photocopy from a local street directory or other map showing the locality of the site. The location of the site has been marked on the map with an X.

Street number/street name (include Lot or DP number if applicable)

Street name

Suburb

State

Postcode

Nearest cross street

ANSZIC Code

Description

Is this a coal workplace or mining workplace? ☐ Yes ☒ No**5. SITE STAFFING DETAILS** (complete for a new notification or for further notifications if details have changed since the last notification)Is the site staffed? ☒ Yes. Please complete the following ☐ No. Please go to section 6.Number of staff on site 150 Hours per day 24Days per week 7

6. STORAGE DETAILS (must be completed for both new notifications and further notifications)

If space is insufficient please provide details on a separate sheet of paper.

Storage facility
identifier

1

Type of storage facility

ABOVE GROUND TANK

Class or division

2.1

Maximum storage capacity

4200

Unit (L or kg or number)

L

UN number

1075

Class or division

Typical quantity

2100

Unit (L or kg or number)

L

Packing group

Proper shipping name

PETROLEUM GASES LIQUEFIED

Product or common name

PETROLEUM GASES LIQUEFIED

UN number

Class or division

Typical quantity

Unit (L or kg or number)

Packing group

Proper shipping name

Product or common name

UN number

Class or division

Typical quantity

Unit (L or kg or number)

Packing group

Proper shipping name

Product or common name

UN number

Class or division

Typical quantity

Unit (L or kg or number)

Packing group

Proper shipping name

Product or common name

Storage facility
identifier

2

Type of storage facility

CYLINDER STORE

Class or division

2.1

Maximum storage capacity

300

Unit (L or kg or number)

L

UN number

1075

Class or division

Typical quantity

150

Unit (L or kg or number)

L

Packing group

Proper shipping name

PETROLEUM GASES LIQUEFIED

Product or common name

LPG

UN number

Class or division

Typical quantity

Unit (L or kg or number)

Packing group

Proper shipping name

Product or common name

UN number

Class or division

Typical quantity

Unit (L or kg or number)

Packing group

Proper shipping name

Product or common name

UN number

Class or division

Typical quantity

Unit (L or kg or number)

Packing group

Proper shipping name

Product or common name

Storage facility
identifier

3

Type of storage facility

ABOVE GROUND TANK

Class or division

8

Maximum storage capacity

1500

Unit (L or kg or number)

L

UN number

1824

Class or division

Typical quantity

1500

Unit (L or kg or number)

L

Packing group

Proper shipping name

SODIUM HYDROXIDE SOLUTION

Product or common name

CAUSTIC

UN number

Class or division

Typical quantity

Unit (L or kg or number)

Packing group

Proper shipping name

Product or common name

UN number

Class or division

Typical quantity

Unit (L or kg or number)

Packing group

Proper shipping name

Product or common name

UN number

Class or division

Typical quantity

Unit (L or kg or number)

Packing group

Proper shipping name

Product or common name

Storage facility
identifier

4

Type of storage facility

ABOVE GROUND TANK

Class or division

2.2

Maximum storage capacity

2500

Unit (L or kg or number)

L

UN number

1977

Class or division

Typical quantity

2000

Unit (L or kg or number)

L

Packing group

Proper shipping name

NITROGEN REFRIGERATED LIQUID

Product or common name

LIQUID NITROGEN

UN number

Class or division

Typical quantity

Unit (L or kg or number)

Packing group

Proper shipping name

Product or common name

UN number

Class or division

Typical quantity

Unit (L or kg or number)

Packing group

Proper shipping name

Product or common name

UN number

Class or division

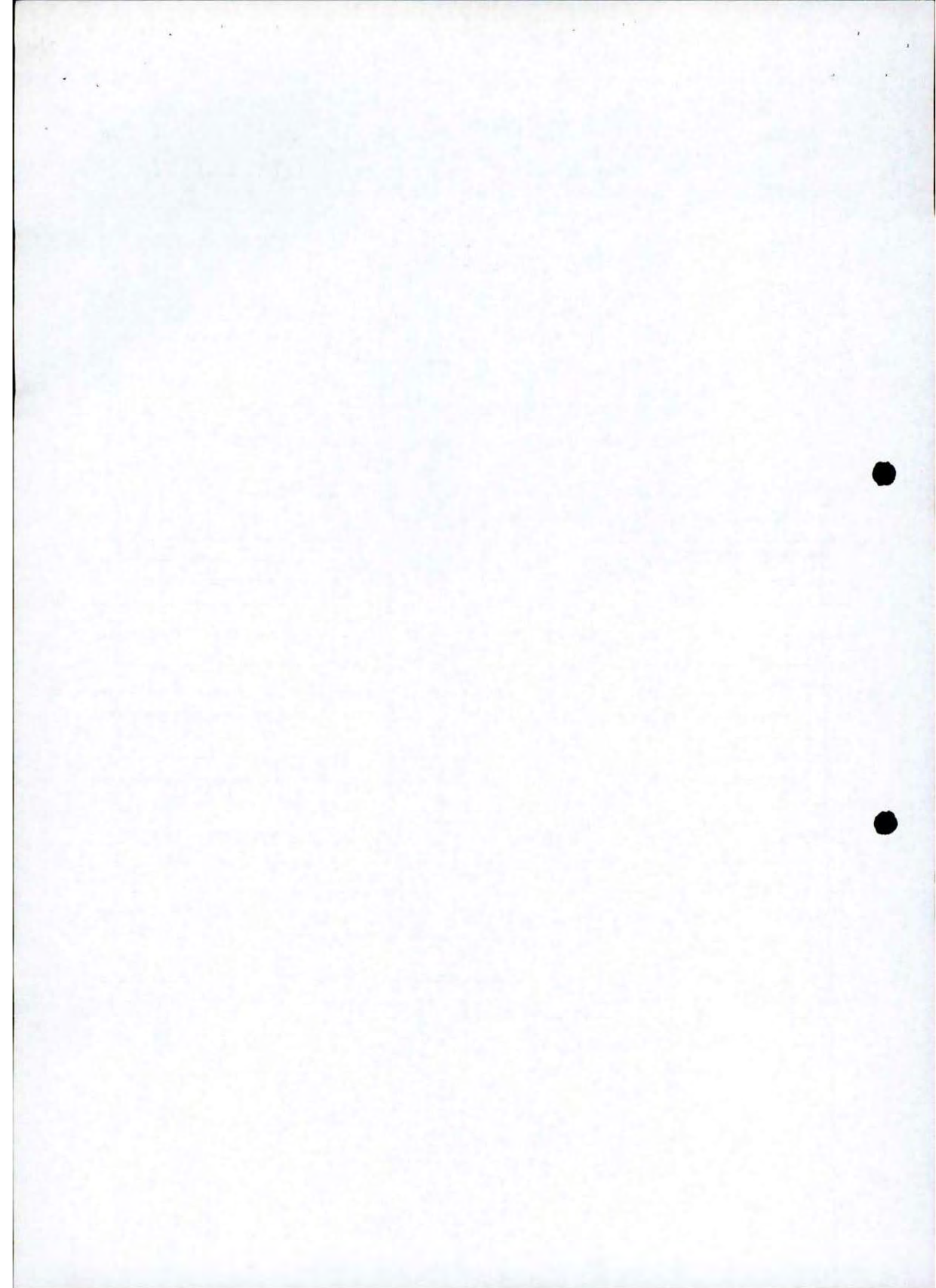
Typical quantity

Unit (L or kg or number)

Packing group

Proper shipping name

Product or common name



Storage facility
identifier

5

Type of storage facility

ABOVE GROUND TANK

Class or division

8

Maximum storage capacity

2500

Unit (L or kg or number)

L

UN number

1824

Class or division

Typical quantity

2500

Unit (L or kg or number)

L

Packing group

Proper shipping name

SODIUM HYDROXIDE SOLUTION

Product or common name

CAUSTIC

UN number

Class or division

Typical quantity

Unit (L or kg or number)

Packing group

Proper shipping name

Product or common name

UN number

Class or division

Typical quantity

Unit (L or kg or number)

Packing group

Proper shipping name

Product or common name

UN number

Class or division

Typical quantity

Unit (L or kg or number)

Packing group

Proper shipping name

Product or common name

Storage facility
identifier

6

Type of storage facility

ABOVE GROUND TANK

Class or division

8

Maximum storage capacity

2000

Unit (L or kg or number)

L ✓

UN number

1824

Class or division

Typical quantity

2000

Unit (L or kg or number)

L

Packing group

Proper shipping name

SODIUM HYDROXIDE SOLUTION

Product or common name

CAUSTIC

UN number

Class or division

Typical quantity

Unit (L or kg or number)

Packing group

Proper shipping name

Product or common name

UN number

Class or division

Typical quantity

Unit (L or kg or number)

Packing group

Proper shipping name

Product or common name

UN number

Class or division

Typical quantity

Unit (L or kg or number)

Packing group

Proper shipping name

Product or common name

Storage facility
identifier

7

Type of storage facility

ABOVE GROUND TANK

Class or division

8

Maximum storage capacity

2000

Unit (L or kg or number)

L

UN number

1824

Class or division

Typical quantity

2000

Unit (L or kg or number)

L

Packing group

Proper shipping name

SODIUM HYDROXIDE SOLUTION

Product or common name

CAUSTIC

UN number

Class or division

Typical quantity

Unit (L or kg or number)

Packing group

Proper shipping name

Product or common name

UN number

Class or division

Typical quantity

Unit (L or kg or number)

Packing group

Proper shipping name

Product or common name

UN number

Class or division

Typical quantity

Unit (L or kg or number)

Packing group

Proper shipping name

Product or common name

10. CHECKLIST TO SUBMIT YOUR APPLICATION**Attached Document**

- ☒ A4 size site sketch map. Refer to the *Notification of dangerous goods on premises guide* (catalogue no. WC01385).
- ☒ Legible photocopy from a local street directory or other map showing the locality of the site. Mark the location of the site on the map with an X.
- ☒ \$100 fee.

11. HOW TO SUBMIT THIS FORM

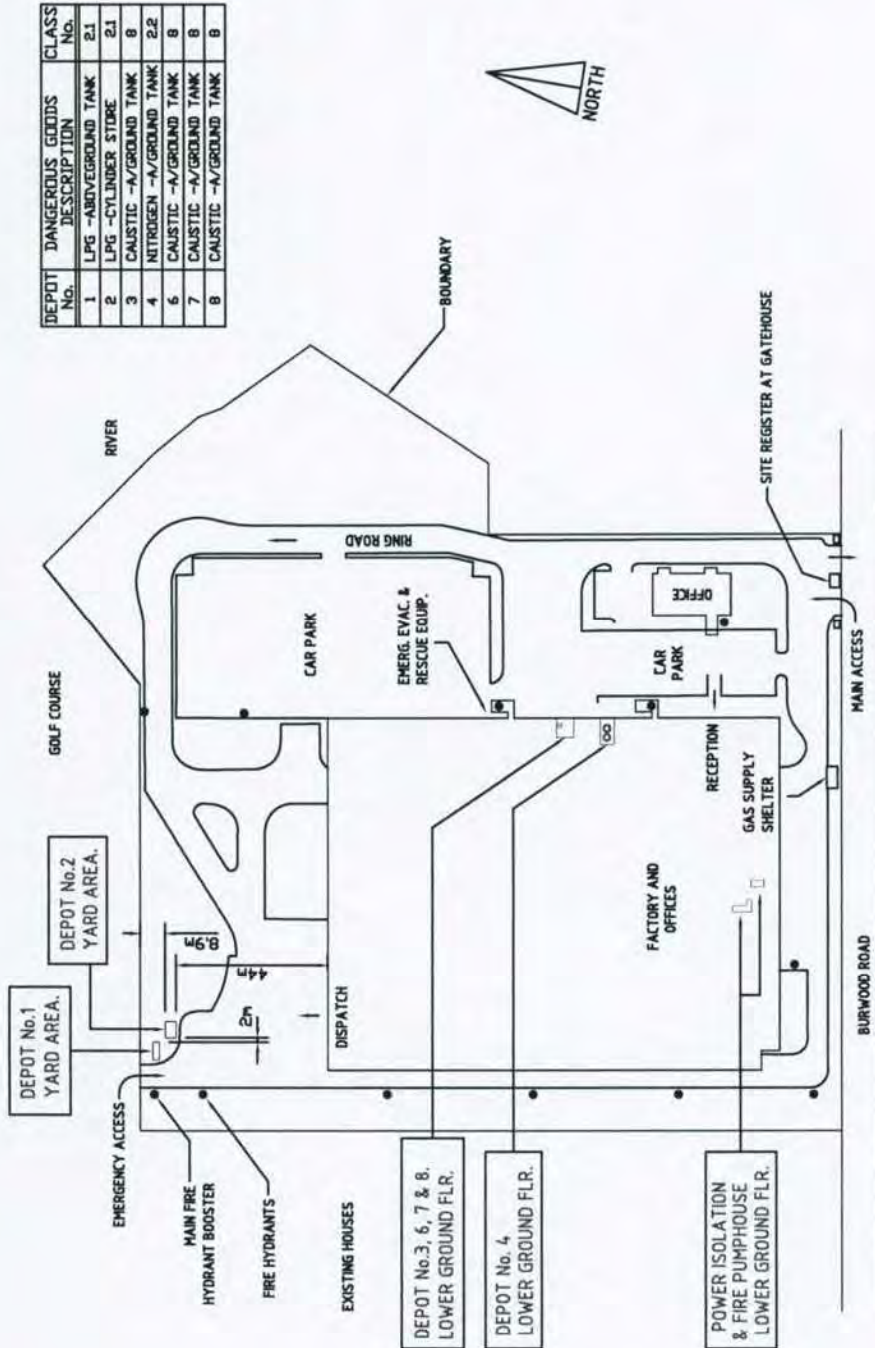
The declaration signature must be visible on any applications lodged by fax. Please fax or post or hand deliver the application to WorkCover. Do not do all three.

Fax: (02) 9287 5500

- * Post: Licensing Solutions, WorkCover NSW, Locked Bag 2906, Lisarow, NSW 2252.

At any WorkCover NSW office. WorkCover NSW office locations are listed on the WorkCover website workcover.nsw.gov.au

Note: it is a requirement of clause 174ZC Planning for Emergencies of the WHS Regulation that you lodge an emergency plan with the NSW Fire Brigades. For more information, please refer to the NSW Fire Brigades website fire.nsw.gov.au



DEPOT No.	DANGEROUS GOODS DESCRIPTION	CLASS No.
1	LPG -AIR/VEHICLE TANK	2.1
2	LPG -CYLINDER STORE	2.1
3	CAUSTIC -A/GROUND TANK	8
4	NITROGEN -A/GROUND TANK	2.2
6	CAUSTIC -A/GROUND TANK	8
7	CAUSTIC -A/GROUND TANK	8
8	CAUSTIC -A/GROUND TANK	8

REV	DATE	DESCRIPTION	BY	CHK	APPR'D BY	DATE	PROJECT No.	FRESHFOOD CORPORATION PTY. LTD. 160 Burwood Road, Concord NSW A.C.N. 086 286 017 Telephone 02 9747 9400		SCALES	1:1500
XXX							ENG. DESIGNED BY	P Braiding	13 MAY 99	DRAWING NUMBER	C-00115-A
							DRAWN				
							CHECKED				
							APPROVED BY				
								CONCORD SITE			
								SITE ARRANGEMENT			
								DANGEROUS GOODS STORAGE			
								A3 XX			

© 1998 FRESHFOOD CORPORATION PTY. LTD. A.C.N. 086 286 017. This material is copy right and can not be reproduced without permission. Information and know how herein are confidential and may not be used, or revealed to others except in accord with contract or other written permission of FRESHFOOD CORPORATION PTY. LTD. Any reproduction in whole or part including shop drawings shall bear or refer to this stamp.

LAST EDIT: 13 MAY 99 TIME: 12:05 USER NAME: P Braiding

Google

To see all the details that are visible on the screen, use the Print link next to the map.



NOTIFICATION OF DANGEROUS GOODS ON PREMISES CHECKLIST (FDG01)

Licence/Acknowledgment Number: 351 005234

Site Occupier: FRESH FOOD CORPORATION P/L

Site Address: 160 BURWOOD ROAD
CONCORD

Current Expiry Date: 20 / 2 / 2010

Notification fee of \$100 received and processed: ☒ Yes

FOLLOW-UP NOTES

DATA ENTRY (SCID)

	Yes	No
ASIC/ABN search done to confirm name	<input checked="" type="checkbox"/>	<input type="checkbox"/>
SCID organisation fields updated	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Depots updated	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sketch scanned	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Site mapped	<input checked="" type="checkbox"/>	<input type="checkbox"/>

EXPIRY DATE DETAILS

	Yes	No
<u>Expiry Date Reset</u>		
Re-notification for further 12 months	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<u>Period Of Non Notification</u>		
Old Exp Date: ___/___/___ App received date: ___/___/___ New Exp Date: ___/___/___		
Reset date of expiry	<input type="checkbox"/>	<input type="checkbox"/>

32004/01409
4405

APPLICATION FINALISED

	Yes	No
Acknowledgment printed	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Notification not required (below manifest)	<input type="checkbox"/>	<input type="checkbox"/>
TRIM record and hard copy file created (New sites only)	<input type="checkbox"/>	<input type="checkbox"/>
DG's mail register updated as completed	<input checked="" type="checkbox"/>	<input type="checkbox"/>

PROCESSING OF NOTIFICATION COMPLETED

Data entry and processing of notification form completed.

Staff members name:

Staff member's signature: *Maya* Date: *22/3/2010*



NSW Occupational Health and Safety Act 2000 • NSW Occupational Health and Safety Regulation 2001

ABN 77 682 742 966

FDG01
January 2008

NOTIFICATION

OF DANGEROUS GOODS ON PREMISES FORM

EXPLANATORY NOTES AND FORM CHECKLIST

This form is used to notify WorkCover of dangerous goods stored on premises. This form is to be completed in conjunction with the Guide – Notification of Dangerous Goods on Premises (GDG01). Notification is a requirement of the Occupational Health and Safety Regulation 2001.

Persons who wish to handle explosives or security sensitive dangerous substances need to obtain a licence under the Explosives Regulation 2005. See the WorkCover website www.workcover.nsw.gov.au or call 13 10 50 for information about explosives licensing.

LODGMET INSTRUCTIONS

1. You must complete all sections of this form.
2. You may lodge your notification with Australia Post or with Workcover NSW at Locked Bag 2906 Lisarow NSW 2252.
3. You must sign and date this notification by completing the declaration on the last page.
4. Payment of the notification fee must accompany this form.

Note: No proof of identity check is required for this notification.

NOTIFICATION CHECKLIST

Please tick the appropriate box to ensure that your notification is complete and secure prior to submission to Australia Post or WorkCover

Notifier Use Only

- Notification Form (this form) Completed and Signed
- Site Sketch(es) – only A4 size is acceptable
- Photocopy from street directory or map showing locality
- Non-refundable fee \$100

☐
☐
☐
☐

PRIVACY COMPLIANCE STATEMENT

This information is collected by WorkCover New South Wales ('WorkCover') for the purposes of undertaking an evaluation, assessment and processing a notification of dangerous goods on premises as required by the *Occupational Health and Safety Act 2000* and the *Occupational Health and Safety Regulation 2001*.

This information may also be used by WorkCover for the purposes of confirming applicant details in the event replacement acknowledgements are applied for, and may also be used to establish and maintain a database and to assist the WorkCover inspectorate with their work generally. Information is also made available to local councils and emergency services assist with emergency response and planning.

Except for the purposes of prosecution and unless such disclosure is otherwise required by law, the information will not be accessed by any third parties in a way that would identify the individual without the consent of that individual.

You may also apply to WorkCover to access and correct any information WorkCover holds if that information is inaccurate, incomplete, not relevant or out of date. Applications should be made in writing to:

Privacy Contact Officer, WorkCover NSW Head Office Locked Bag 2906 Lisarow NSW 2252

NOTIFICATION OF DANGEROUS GOODS ON PREMISES FORM

FDG01

CONTACT FOR NOTIFICATION INQUIRIES

Title: Mr / Miss / Ms / Mrs / Other (please specify) _____ Family name JUSKA
Given name VYTA Other names _____
Business phone 9747 9400 Business fax number 9747 9600
Business email address V.JUSKA@FRESHFOOD.COM.AU

Previous Licence Number or Acknowledgement Number (if known)

35/005234

Previous Occupier (if known)

Site on which dangerous goods are to be kept

Number Street

160 BURWOOD ROAD

Suburb/Town/Locality

CONCORD NSW

Postcode

2137

Nearest cross Street

DUKE ST

Lot and DP if no street number

Is the site staffed? If yes state number of employees

140

Site staffing: Hours per day

24

Days per week

7

Site Emergency Contact

Phone number

(02) 9747 9400

Name

MR. KEIJI MATSUOKA

Nature of site (eg petrol station, warehouse etc)

MANUFACTURING + WAREHOUSING

Nature of primary business activity

COFFEE PRODUCTS

ABN Number (if any)

74 081 286 017

Website details (if any)

What is the ANSZIC code most applicable to your business? (see guide for list of codes and further information)

Code

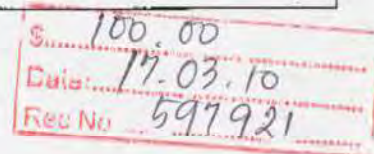
217

Description

COFFEE PRODUCTION - OTHER FOOD MANUFACTURING

Attach a site sketch(s) of the premises. Refer to the Guide GDG01 for information on the requirements for the site sketch.

Attach a legible photocopy page from a local Street Directory or other map showing the locality of the premises. Mark the location of the premises with an X.



NOTIFICATION OF DANGEROUS GOODS ON PREMISES FORM

FDG01

List the dangerous goods that will be stored and/or processed on these premises (refer to Guide GDG01). Copy this page and attach additional sheets if there is insufficient space.

Depot No	Type of storage location or process	Class	Maximum Storage Capacity (L, kg)
1	ABOVEGROUND GAS TANK	2.1	4200 L

UN Number	Proper Shipping Name	Class	PG (I, II, III)	Product or Common Name	HazChem Code	Typical Qty	Unit eg L, kg
1075	PETROLEUM GAS LIQUEFIED	2.1	N/A	LPG	2WE	4200	L

Depot No	Type of storage location or process	Class	Maximum Storage Capacity (L, kg)
2	ABOVEGROUND ROOFED TANK	8	1500 L

UN Number	Proper Shipping Name	Class	PG (I, II, III)	Product or Common Name	HazChem Code	Typical Qty	Unit eg L, kg
1824	SODIUM HYDROXIDE SOLUTION	8	II	CAUSTIC SOLUTION	2E	1500	L

Depot No	Type of storage location or process	Class	Maximum Storage Capacity (L, kg)
3	ABOVEGROUND ROOFED TANK	8	1000 L

UN Number	Proper Shipping Name	Class	PG (I, II, III)	Product or Common Name	HazChem Code	Typical Qty	Unit eg L, kg
1824	SODIUM HYDROXIDE SOLUTION	8	II	CAUSTIC SOLUTION	2E	1000	L

Depot No	Type of storage location or process	Class	Maximum Storage Capacity (L, kg)
4	ABOVEGROUND ROOFED GAS TANK	2.2	3000 L

UN Number	Proper Shipping Name	Class	PG (I, II, III)	Product or Common Name	HazChem Code	Typical Qty	Unit eg L, kg
1977	NITROGEN REFRIGERATED LIQUID	2.2	N/A	NITROGEN	2RE	3000	L

Depot No	Type of storage location or process	Class	Maximum Storage Capacity (L, kg)

UN Number	Proper Shipping Name	Class	PG (I, II, III)	Product or Common Name	HazChem Code	Typical Qty	Unit eg L, kg

REMITTANCE
ADVICE

007432

CHEQUE DATE
12.03.2010

Page : 1/1

160 Burwood Road, Concord NSW 2137
Telephone: (61) (2) 9747 9400 Fax: (61) (2) 9747 9600REMIT
TOWORKCOVER NEW SOUTH WALES
LOCKED BAG 2906
LISAROW NSW 2252

YOUR REF.	INVOICE DATE	INVOICE AMOUNT	TRANSACTION TYPE	DISCOUNT TAKEN	NET CHEQUE AMOUNT
10/03/10	10.03.2010	100.00	INV	0.00	100.00

100.00

SECURITY FEATURE INCLUDED IN THIS CHEQUE IS A MICROPRINTED SIGNATURE LINE, THE ABSENCE OF WHICH COULD INDICATE A FRAUDULENT CHEQUE.

Westpac Westpac Banking Corporation
275 George Street Sydney NSW
PAY TO THE ORDER OF
WORKCOVER NEW SOUTH WALES

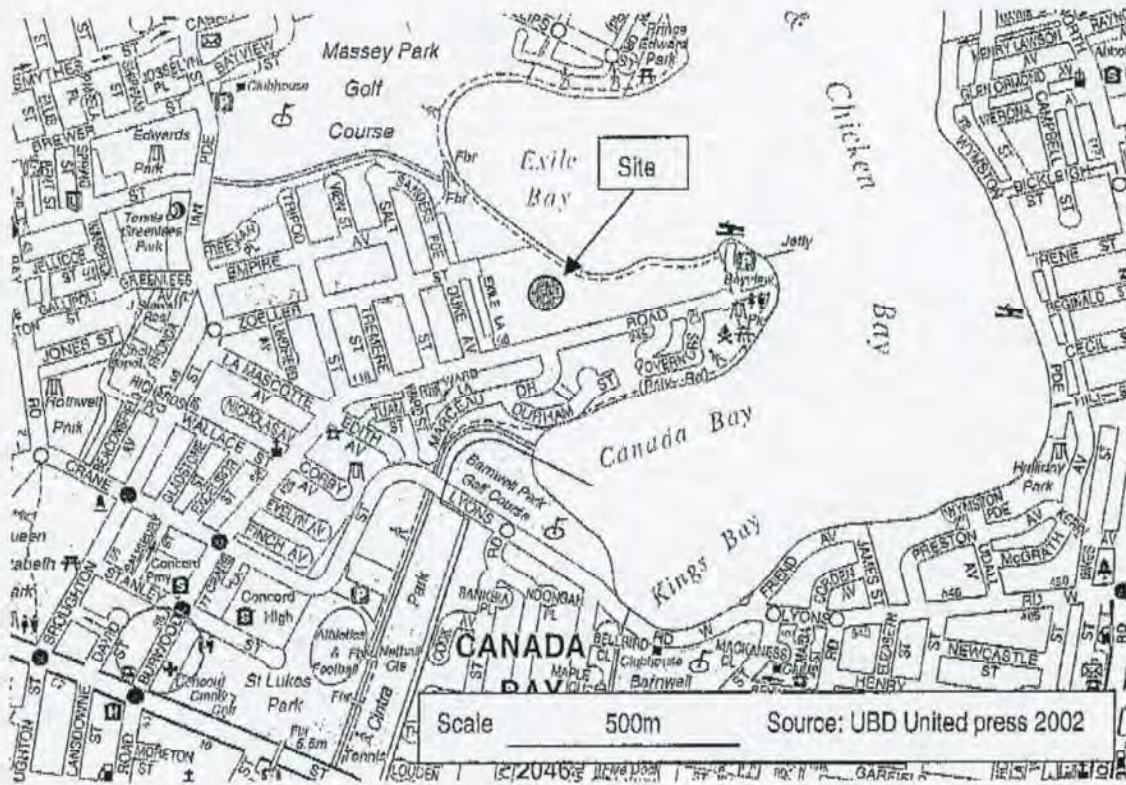
DATE 12.03.2010

THE SUM OF ONE HUNDRED DOLLARS AND ZERO CENTS ONLY

\$ *****100.00*

For and on behalf of FreshFood Corporation Pty. Ltd.

⑈007432⑈ 032⑈044⑈ 44⑈9316⑈



EXX 92875127

TO EDDY: XWORKCOVER XSW

Please see faxed document
in 7 pages including cheque # 7432 - \$ 100

~~Kindly advise if you~~

Please confirm receipt.

Thanks,

Celina Ramos

A/P OFFICE

02 - 9747 - 9452

email: c.ramos@freshfood.com.au

NOTIFICATION OF DANGEROUS GOODS ON PREMISES CHECKLIST (FDG01)

Licence/Acknowledgment Number:	35/ <u>005234</u>
Site Occupier:	<u>Fresh Food Corporation</u>
Site Address:	<u>160 Burwood Rd</u> <u>Concord.</u>
Current Expiry Date:	<u>2012 / 1 / 2011</u>
Notification fee of \$100 received and processed:	<input checked="" type="checkbox"/> Yes 22/3

FOLLOW-UP NOTES

DATA ENTRY (SCID)

	Yes	No
ASIC/ABN search done to confirm name	<input type="checkbox"/>	<input type="checkbox"/>
SCID organisation fields updated	<input type="checkbox"/>	<input type="checkbox"/>
Depots updated	<input type="checkbox"/>	<input type="checkbox"/>
Sketch scanned	<input type="checkbox"/>	<input type="checkbox"/>
Site mapped	<input type="checkbox"/>	<input type="checkbox"/>

EXPIRY DATE DETAILS

	Yes	No
<u>Expiry Date Reset</u>		
Re-notification for further 12 months	<input type="checkbox"/>	<input type="checkbox"/>
<u>Period Of Non Notification</u>		
Old Exp Date: <u> </u> / <u> </u> / <u> </u> App received date: <u> </u> / <u> </u> / <u> </u> New Exp Date: <u> </u> / <u> </u> / <u> </u>		
Reset date of expiry	<input type="checkbox"/>	<input type="checkbox"/>

APPLICATION FINALISED

	Yes	No
Acknowledgment printed	<input type="checkbox"/>	<input type="checkbox"/>
Notification not required (below manifest)	<input type="checkbox"/>	<input type="checkbox"/>
TRIM record and hard copy file created (New sites only)	<input type="checkbox"/>	<input type="checkbox"/>
DG's mail register updated as completed	<input type="checkbox"/>	

PROCESSING OF NOTIFICATION COMPLETED

Data entry and processing of notification form completed.

Staff members name:

Staff member's signature: _____ Date: _____

NOTIFICATION

OF DANGEROUS GOODS ON PREMISES FORM

EXPLANATORY NOTES AND FORM CHECKLIST

This form is used to notify WorkCover of dangerous goods stored on premises. This form is to be completed in conjunction with the Guide – Notification of Dangerous Goods on Premises (GDG01). Notification is a requirement of the Occupational Health and Safety Regulation 2001.

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LODGMET INSTRUCTIONS

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4. Payment of the notification fee must accompany this form.

Note: No proof of identity check is required for this notification.

NOTIFICATION CHECKLIST

Please tick the appropriate box to ensure that your notification is complete and secure prior to submission to Australia Post or WorkCover

Notifier Use Only

- Notification Form (this form) Completed and Signed
- Site Sketch(s) – only A4 size is acceptable
- Photocopy from street directory or map showing locality
- Non-refundable fee \$100

☐
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Privacy Contact Officer, WorkCover NSW Head Office Locked Bag 2906 Lisarow NSW 2252

CONTACT FOR NOTIFICATION INQUIRIES

Title: Mr / Miss / Ms / Mrs / Other (please specify) _____ Family name JUSKA
Given name VYAS Other names _____
Business phone 9747 9400 Business fax number 9747 9600
Business email address V.JUSKA@FRESHFOOD.COM.AU

Previous Licence Number or Acknowledgement Number (if known)

35/ 005234

Previous Occupier (if known)

Site on which dangerous goods are to be kept

Number

Street

160 BURWOOD ROAD

Suburb/Town/Locality

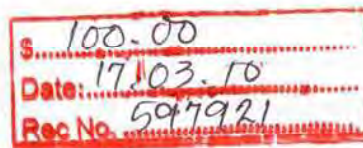
Postcode

CONCORD NSW 2137

Nearest cross Street

DUKE ST

Lot and DP if no street number

Is the site staffed? If yes state number of employees 140Site staffing: Hours per day 24 Days per week 7

Site Emergency Contact

Phone number

Name

(02) 9747 9400 MR. KEIJI MATSUOKA

Nature of site (eg petrol station, warehouse etc)

MANUFACTURING + WAREHOUSING

Nature of primary business activity

COFFEE PRODUCTS

ABN Number (if any)

Website details (if any)

74 081 286 017

What is the ANSZIC code most applicable to your business? (see guide for list of codes and further information)

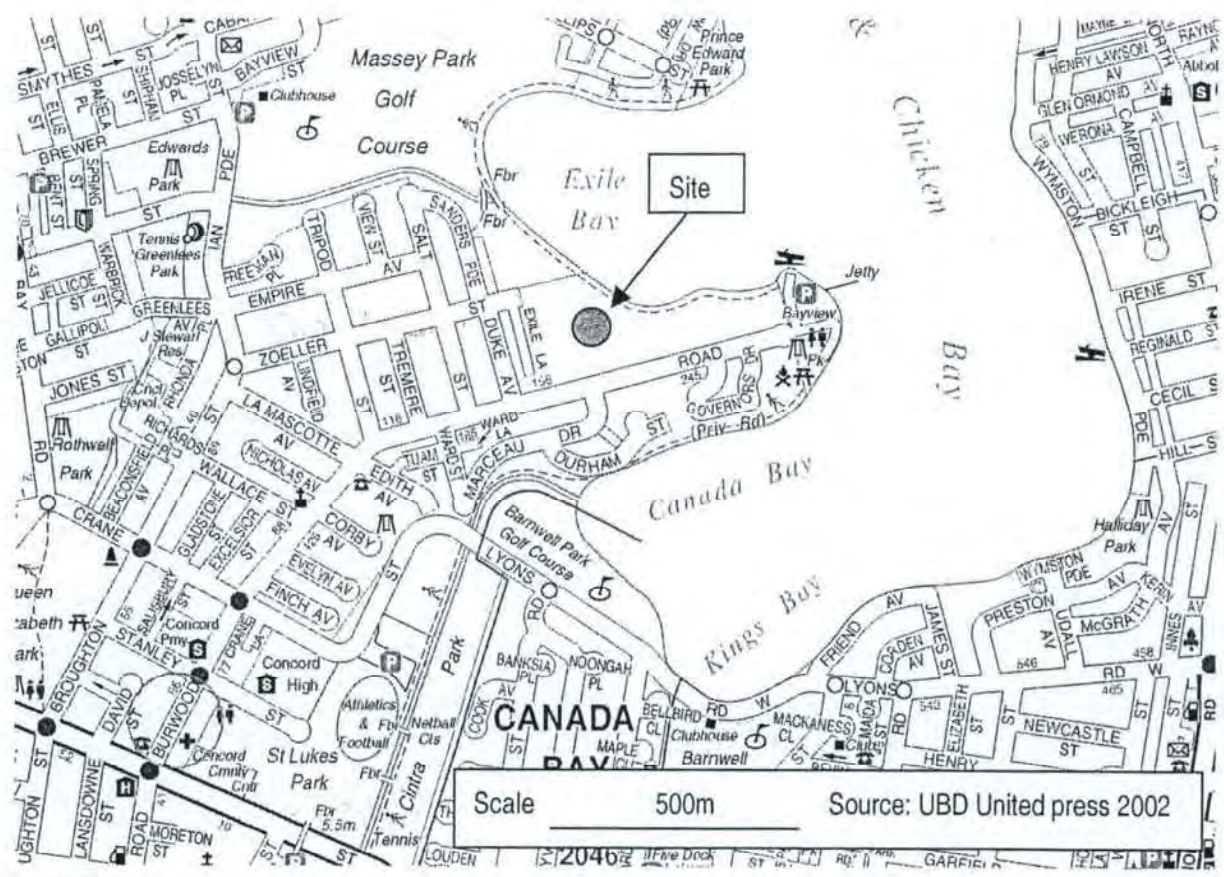
Code

Description

217 COFFEE PRODUCTION - OTHER FOOD MANUFACTURING

Attach a site sketch(s) of the premises. Refer to the Guide GDG01 for information on the requirements for the site sketch.

Attach a legible photocopy page from a local Street Directory or other map showing the locality of the premises. Mark the location of the premises with an X.



Sanders PDE

Golf Course

Zoeller Street rear locked access

4,200L LPG tank Class 2.1

1

Car Parking

Sprinkler Stop Paste Warehousing

Factory

Manufacturing

Fire Pump house

NG

Burwood Road

Duke Avenue Residential

Internal road

Car Park

Oil and Paint Storage in Workshop

1000L tank Class 8

3

1500L tank Class 8

2

3000L Gas tank Class 2.2

4

30 tonne coffee beans in basement

Office Office Office Office Office

Car Park

NG

Parramatta River Catchment

Parramatta River Catchment

Residential

Notes: Multi storey plant, NG Isolation on 2nd floor near lift well. Minor caustic solution on third floor in a tank. Fragrances, Class 3, minor quantities in refrigerated room, ground floor.

LEGEND:

- Fire Extinguisher
- Fire Water Hydrant
- Fire Hose Reel
- Power Isolation Switch
- NG
- Natural Gas

Residential

Gate House

scale 100m



Dangerous Goods Manifest

FreshFoods Corporation Pty Ltd

Date: 20/08/06 | Drawn By: B. Veston | Drawing No: 1
 PREPARED BY: Environmental Audit of Australia
 13 Balding Street North Parramatta 2124 Australia
 PO Box 687 Parramatta NSW 2124 Australia
 Telephone: 02 96365895 Fax: 02 96365899
 E-Mail: info@benbow.com.au Website: www.benbow.com.au

List the dangerous goods that will be stored and/or processed on these premises (refer to Guide GDG01). Copy this page and attach additional sheets if there is insufficient space.

Depot No	Type of storage location or process	Class	Maximum Storage Capacity (L, kg)
1	ABOVEGROUND GAS TANK	2-1	4200 L

UN Number	Proper Shipping Name	Class	PG (I, II, III)	Product or Common Name	HazChem Code	Typical Qty	Unit eg L, kg
1075	PETROLEUM GAS LIQUEFIED	2-1	N/A	LPG	2WE	4200	L

Depot No	Type of storage location or process	Class	Maximum Storage Capacity (L, kg)
2	ABOVEGROUND ROOFED TANK	8	1500 L

UN Number	Proper Shipping Name	Class	PG (I, II, III)	Product or Common Name	HazChem Code	Typical Qty	Unit eg L, kg
1824	SODIUM HYDROXIDE SOLUTION	8	II	CAUSTIC SOLUTION	2R	1500	L

Depot No	Type of storage location or process	Class	Maximum Storage Capacity (L, kg)
3	ABOVEGROUND ROOFED TANK	8	1000 L

UN Number	Proper Shipping Name	Class	PG (I, II, III)	Product or Common Name	HazChem Code	Typical Qty	Unit eg L, kg
1824	SODIUM HYDROXIDE SOLUTION	8	II	CAUSTIC SOLUTION	2R	1000	L

Depot No	Type of storage location or process	Class	Maximum Storage Capacity (L, kg)
4	ABOVEGROUND ROOFED GAS TANK	2-2	3000 L

UN Number	Proper Shipping Name	Class	PG (I, II, III)	Product or Common Name	HazChem Code	Typical Qty	Unit eg L, kg
1977	NITROGEN REFRIGERATED LIQUID	2-2	N/A	NITROGEN	2RE	3000	L

Depot No	Type of storage location or process	Class	Maximum Storage Capacity (L, kg)

UN Number	Proper Shipping Name	Class	PG (I, II, III)	Product or Common Name	HazChem Code	Typical Qty	Unit eg L, kg

PROOF OF FAXED
COPY SENT TO

EDDY: 092875127

TRANSMISSION VERIFICATION REPORT



TIME : 17/03/2010 12:04
NAME :
FAX : +612-97479600
TEL :
SER.# : 000H9N126514

DATE, TIME
FAX NO./NAME
DURATION
PAGE(S)
RESULT
MODE

17/03 12:01
092875127
00:02:37
08
OK
STANDARD
ECM

EDDY: 92875127

TO EDDY: WORKCOVER NSW

Please see faxed document
in 7 pages including cheque # 7432 - \$ 100

~~Kindly advise if you~~

Please confirm receipt.

Thanks,

Celina Ramos

A/P Office

FreshFood Corporation Pty Ltd

ABN 74 081 286 017

160 Burwood Road, Concord NSW 2137

Telephone: (61) (2) 9747 9400 Fax: (61) (2) 9747 9600

18 MAR 2010
WORKCOVER
NEW SOUTH WALES

REMITTANCE
ADVICE

007432

CHEQUE DATE
12.03.2010

Page : 1/1

REMIT
TO

WORKCOVER NEW SOUTH WALES
LOCKED BAG 2906
LISAROW NSW 2252

YOUR REF.	INVOICE DATE	INVOICE AMOUNT	TRANSACTION TYPE	DISCOUNT TAKEN	NET CHEQUE AMOUNT
10/03/10	10.03.2010	100.00	INV	0.00	100.00

100.00

SECURITY FEATURE INCLUDED IN THIS CHEQUE IS A MICROPRINTED SIGNATURE LINE. THE ABSENCE OF WHICH COULD INDICATE A FRAUDULENT CHEQUE.

Westpac Westpac Banking Corporation
275 George Street Sydney NSW

FreshFood Corporation Pty Ltd

ABN 74 081 286 017

PAY TO THE ORDER OF
WORKCOVER NEW SOUTH WALES

DATE 12.03.2010

THE SUM OF ONE HUNDRED DOLLARS AND ZERO CENTS ONLY

\$ *****100.00*

For and on behalf of FreshFood Corporation Pty. Ltd.

NOT NEGOTIABLE
ACCEPTOR ONLY

[Signature]

007432 03200441 4409316

**NOTIFICATION OF
DANGEROUS GOODS ON PREMISES
CHECKLIST (FDG01)**

DATE CHECKED BY LCT

24/2/09

Cleanskin Yes ☐ No ☒

Checked By (Initial): Kim

☒ Re-notification

☐ New Notification

☐ Transfer

Licence/Acknowledgment Number: 35/ 005234

Site Occupier: Freshfood Corporation P/L

Site Address: 160 Burwood Road

CONCORD

Current Expiry Date: 8/11/08

FOLLOW-UP NOTES

Payment

DOCUMENTATION REQUIRED

Notification form with the following sections completed and signed:

- Contact for Notification Enquiries ☒
- Site on which dangerous goods are stored or kept ☒
- Site staffing ☒
- Emergency Contact ☒
- Manifest provided (completed on page 3 or attached) ☒
 - Gases & Liquids must be in litres
 - Solids must be in kilograms
 - Must contain Depot #'s, type of storage, class, capacity, UN #, PG, common name
- Site Occupier Information ☒
- Declaration ☒

Payment of \$100 fee

☒

B2004/01409
440B

Site sketch (mandatory if NEW)



REFERRAL

If referral was required, complete details below.

Referred to Technical Team



Date referred: ____/____/____

Reason: _____

DATA ENTRY (SCID)

ASIC/ABN search done to confirm name

Yes

No



SCID organisation fields updated



Depots updated



Sketch scanned



Site mapped



EXPIRY DATE DETAILS

Expiry Date Reset

Yes

No

Re-notification for additional 12 months



Reset due to common expiry date in use



Common Expiry Date: ____/____/____

Period Of Non Notification

Old Exp Date: 8/11/08

App received date: 20/2/09

New Exp Date: 20/2/10

(This notification was not current from date of old expiry to date of new application received)

Mail Register Updated as complete




APPLICATION FINALISED

	Yes	No
Acknowledgment printed	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Notification not required (below manifest)	<input type="checkbox"/>	<input type="checkbox"/>
More Info required (see notes below)	<input type="checkbox"/>	<input type="checkbox"/>
TRIM record and hard copy file created for new sites	<input type="checkbox"/>	<input type="checkbox"/>

RECOMMENDATION AND APPROVAL

Initial data entry complete

Staff members name: P. Newb

Staff member's signature: 

Date: 27 / 2 / 09

Approval complete

Staff members name:

Staff member's signature:

Date:

PROCESS ASSURANCE

Audit conducted by:	Date:
Comments:	

2015/04/24

NOTIFICATION

OF DANGEROUS GOODS ON PREMISES FORM

Received
20/2/09

EXPLANATORY NOTES AND FORM CHECKLIST

This form is used to notify WorkCover of dangerous goods stored on premises. This form is to be completed in conjunction with the Guide – Notification of Dangerous Goods on Premises (GDG01). Notification is a requirement of the Occupational Health and Safety Regulation 2001.

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LODGMET INSTRUCTIONS

1. You must complete all sections of this form.
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3. **You must sign and date this notification by completing the declaration on the last page.**
4. Payment of the notification fee must accompany this form.

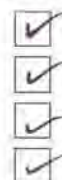
Note: No proof of identity check is required for this notification.

NOTIFICATION CHECKLIST

Please tick the appropriate box to ensure that your notification is complete and secure prior to submission to Australia Post or WorkCover

Notifier Use Only

- Notification Form (this form) Completed and Signed
- Site Sketch(s) – only A4 size is acceptable
- Photocopy from street directory or map showing locality
- Non-refundable fee \$100



PRIVACY COMPLIANCE STATEMENT

This information is collected by WorkCover New South Wales ('WorkCover') for the purposes of undertaking an evaluation, assessment and processing a notification of dangerous goods on premises as required by the *Occupational Health and Safety Act 2000* and the *Occupational Health and Safety Regulation 2001*.

This information may also be used by WorkCover for the purposes of confirming applicant details in the event replacement acknowledgements are applied for, and may also be used to establish and maintain a database and to assist the WorkCover inspectorate with their work generally. Information is also made available to local councils and emergency services assist with emergency response and planning.

Except for the purposes of prosecution and unless such disclosure is otherwise required by law, the information will not be accessed by any third parties in a way that would identify the individual without the consent of that individual.

You may also apply to WorkCover to access and correct any information WorkCover holds if that information is inaccurate, incomplete, not relevant or out of date. Applications should be made in writing to:

Privacy Contact Officer, WorkCover NSW Head Office Locked Bag 2906 Lisarow NSW 2252

CONTACT FOR NOTIFICATION INQUIRIES

Title: Mr / Miss / Ms / Mrs / Other (please specify) _____ Family name BEECH
Given name DAVID Other names _____
Business phone 02 9747 9400 Business fax number 02 9747 9600
Business email address D.BEECH@FRESHFOOD.COM.AU

Previous Licence Number or Acknowledgement Number (if known)

35/005234

Previous Occupier (if known)

Site on which dangerous goods are to be kept

Number Street

160 BLURWOOD ROAD

Suburb/Town/Locality

CONCORD NSW

Postcode

2137

Nearest cross Street

DUKE STREET

Lot and DP if no street number

Is the site staffed? If yes state number of employees 140Site staffing: Hours per day 24 Days per week 7

Site Emergency Contact

Phone number

(02) 9747 9400

Name

MR. KEIJI MATSUOKA

Nature of site (eg petrol station, warehouse etc)

OFFICES, MANUFACTURING & WAREHOUSE

Nature of primary business activity

COFFEE PROCESSING

ABN Number (if any)

74 081 286 017

Website details (if any)

What is the ANSZIC code most applicable to your business? (see guide for list of codes and further information)

Code

217

Description

COFFEE PRODUCTION - OTHER FOOD MANUFACTURING

Attach a site sketch(s) of the premises. Refer to the Guide GDG01 for information on the requirements for the site sketch.

Attach a legible photocopy page from a local Street Directory or other map showing the locality of the premises. Mark the location of the premises with an X.

List the dangerous goods that will be stored and/or processed on these premises (refer to Guide GDG01). Copy this page and attach additional sheets if there is insufficient space.

Depot No	Type of storage location or process	Class	Maximum Storage Capacity (L, kg)
1	ABOVEGROUND GAS TANK	2.1	4,200 L

UN Number	Proper Shipping Name	Class	PG (I, II, III)	Product or Common Name	HazChem Code	Typical Qty	Unit eg L, kg
1075	PETROLEUM GAS LIQUIFIED	2.1	N/A	LPG	2WE	4,200	L

Depot No	Type of storage location or process	Class	Maximum Storage Capacity (L, kg)
2	ABOVEGROUND ROOFED TANK	8	1,500 L

UN Number	Proper Shipping Name	Class	PG (I, II, III)	Product or Common Name	HazChem Code	Typical Qty	Unit eg L, kg
1824	SODIUM HYDROXIDE SOLUTION	8	II	CAUSTIC SOLUTION	2R	1,500	L

Depot No	Type of storage location or process	Class	Maximum Storage Capacity (L, kg)
3	ABOVEGROUND ROOFED TANK	8	1,000 L

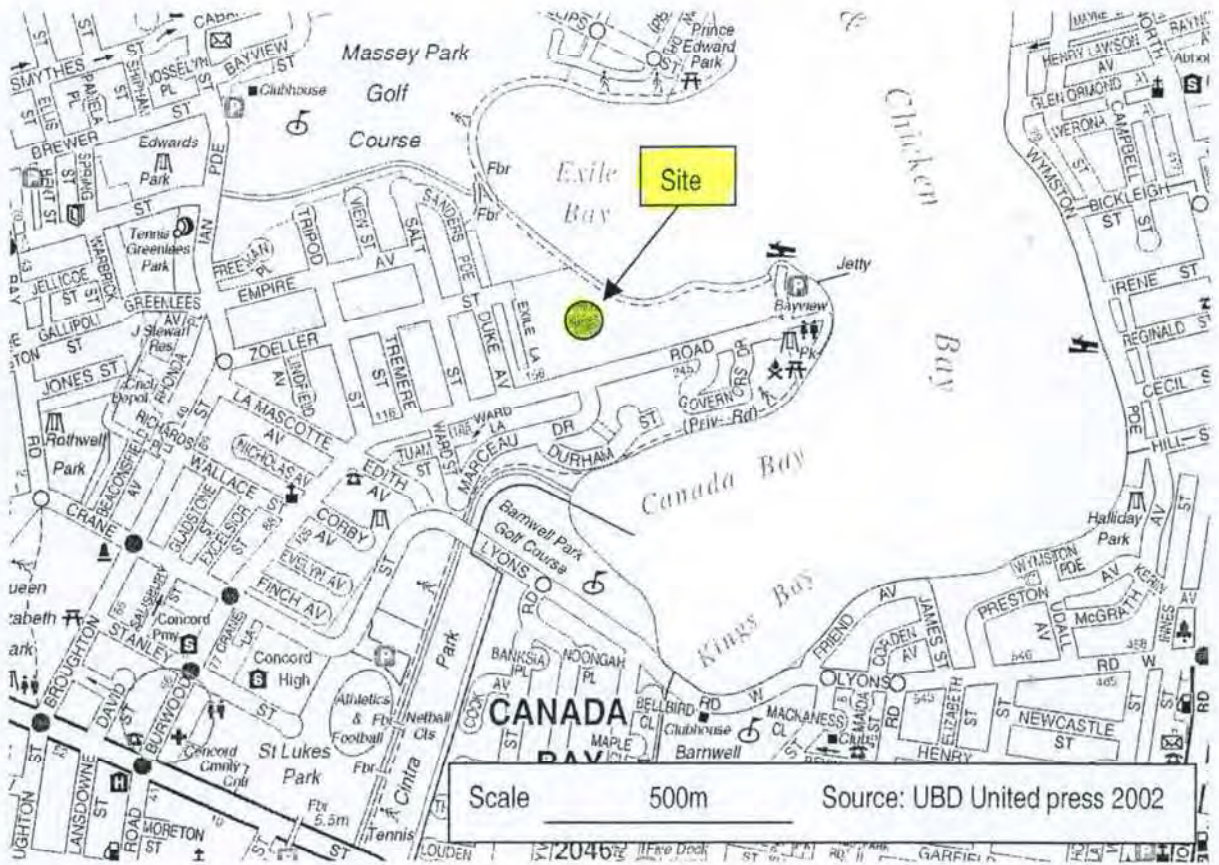
UN Number	Proper Shipping Name	Class	PG (I, II, III)	Product or Common Name	HazChem Code	Typical Qty	Unit eg L, kg
1824	SODIUM HYDROXIDE SOLUTION	8	II	CAUSTIC SOLUTION	2R	1,000	L

Depot No	Type of storage location or process	Class	Maximum Storage Capacity (L, kg)
4	ABOVEGROUND ROOFED GAS TANK	2.2	3,000 L

UN Number	Proper Shipping Name	Class	PG (I, II, III)	Product or Common Name	HazChem Code	Typical Qty	Unit eg L, kg
1977	NITROGEN	2.2	N/A	NITROGEN	2RE	1,650	L

Depot No	Type of storage location or process	Class	Maximum Storage Capacity (L, kg)

UN Number	Proper Shipping Name	Class	PG (I, II, III)	Product or Common Name	HazChem Code	Typical Qty	Unit eg L, kg



Sanders PDE

Golf Course

Zoeller Street rear locked access

4,200L LPG tank Class 2.1

1

Car Parking

Sprinkler Stop Paste Warehousing

Car Park

Oil and Paint Storage in Workshop

1000L tank Class 8

3

1500L tank Class 8

2

3000L Gas tank Class 2.2

4

30 tonne coffee beans in basement

Office Office Office Office Office

Car Park

Factory Manufacturing

Fire Pump house

NG

Burwood Road

Residential

Duke Avenue

Residential

Parramatta River Catchment

Parramatta River Catchment



Notes: Multi storey plant, NG Isolation on 2nd floor near lift well. Minor caustic solution on third floor in a tank. Fragrances, Class 3, minor quantities in refrigerated room, ground floor.

- LEGEND:
- Fire Extinguisher
 - Fire Water Hydrant
 - Fire Hose Reel
 - Power Isolation Switch
 - NG
 - Natural Gas

Residential

Gate House

N

100m

scale



Benbow ENVIRONMENTAL

Dangerous Goods Manifest

FreshFoods Corporation Pty Ltd

Date: 20/09/06 | Drawn By: B. Vester | Drawing No: 1
 PREPARED BY: Environmental Address of Australia
 13 Daking Street North, Parramatta 2150 Australia
 PO Box 687 Parramatta NSW 2124 Australia
 Telephone: 612 99955993 Facsimile: 612 99955999
 E-Mail: info@benbow.com.au Website: www.benbow.com.au

Newton, Paul

From: Newton, Paul
Sent: Wednesday, 18 February 2009 4:09 PM
To: 'dbeech@freshfood.com.au'
Subject: Notification of dangerous goods on premises

Attachments: 896 Notification of Dangerous Goods on Premises Form FDG01 final 7-8-06.pdf

Hello David,

As discussed, please find attached a dangerous goods notification form. We have received cheque payment for this along (dated 16 January 2009) with only the completed back page of the form (dated 10 December 2008).

Could you please arrange to submit a fully completed form as soon as possible. Note that your most recent notification expired on 8 November 2008.



896 Notification of
Dangerous ...

Regards

PAUL NEWTON
A/Senior Licensing Officer
Dangerous Goods Notification Team - Licensing Solutions
Business Risk Management & Site Services
Corporate Services Division

Making a difference for people through service, support and solutions

WorkCover NSW
Locked Bag 2906
Lisarow NSW 2252

☎ 02 4321 5195 ☎ 02 9287 5500
✉ paul.newton@workcover.nsw.gov.au

For more information on WorkCover please visit our web site at:

\$	100.00
Date:	26.02.09
Rec No.	561891

351005234?



FreshFood Corporation Pty Ltd

ABN 74 081 286 017

160 Burwood Road, Concord NSW 2137
Telephone: (61) (2) 9747 9400 Fax: (61) (2) 9747 9600

REMITTANCE
ADVICE
005851

CHEQUE DATE
16.01.2009



WORKCOVER NEW SOUTH WALES
LOCKED BAG 2906
LISAROW NSW 2252

REMIT
TO

Page : 1/1

YOUR REF.	INVOICE DATE	INVOICE AMOUNT	TRANSACTION TYPE	DISCOUNT TAKEN	NET CHEQUE AMOUNT
10/12/08	10.12.2008	100.00	INV	0.00	100.00

\$ 100.00
Date: 26.02.09
Rec No. 561891

100.00

Still haven't
received original
or correct paperwork.

Left message 11/2/09
at 1.32pm.

Left second message
12/2/09 at 10.51am.

Left third message 13/2/09
at 10.38am.

35 | 005234
160 Burwood Rd
Concord

Expired 8/11/08.
d.beech@freshfood.com.au

Left message 16/02/09.
at 9.41am.

Rang again 16/2/09
11.50am got through to
accounts payable. They
are chasing up David
Beech about the rest
of the paperwork.



Dangerous Goods Notification Check Sheet

Notification Number:

Site address:

160 Burwood Rd
Concord

35/ 005234

TYPE OF APPLICATION:

RE-NOTIFICATION

☒

FEE PAID

☒

VERIFIED

NEW

☐

AMENDMENT (NO FEE PAYABLE)

☐

TRANSFER

☐

EXPLOSIVES (REFER TO HAZ ACT)

☐**NOTIFICATION CHECKLIST**

YES

NO

ASIC /ABN search done to confirm name

☐☒

SCID organisation fields updated

☐☒

Manifest provided

☒☐

Depots Updated

☒☐

Sketch provided

☒☐

Locality map provided

☒☐

YES

NOT REQ

VERIFIED

Scanned

☐☒

Mapped

☒☐**EXPIRY DATE RESET**

YES

NO

Re-notification for additional 12 Months

☒☐

Reset due to Common Expiry Date in Use

☐☐

Common Expiry Date: ___/___/___

PERIOD OF NON NOTIFICATION

Old Exp Date: 14/12/06

Application Received Date: 8/11/07

New Exp Date: 8/11/08

(This notification was not current from date of old expiry to date of new application received)

APPLICATION FINALISED

YES

NO

LETTER SENT

Acknowledgment printed

☒☐

PROCESSED BY

Closure (Declaration A)

☐☐☐

Notification not required (Below Manifest)

☐☐☐

More Info Required (See Notes below)

☐☐☐

Brent Jones

Date 13/11/07

MORE INFORMATION REQUIRED/NOTES:



FreshFood Corporation Pty Ltd

ABN 74 081 286 017

160 Burwood Road, Concord NSW 2137
Telephone: (61) (2) 9747 9400 Fax: (61) (2) 9747 9600

REMITTANCE
ADVICE
004309

CHEQUE DATE

23.10.2007

Page : 1/1

RECEIVED
SERVICE CENTRE

08 NOV 2007

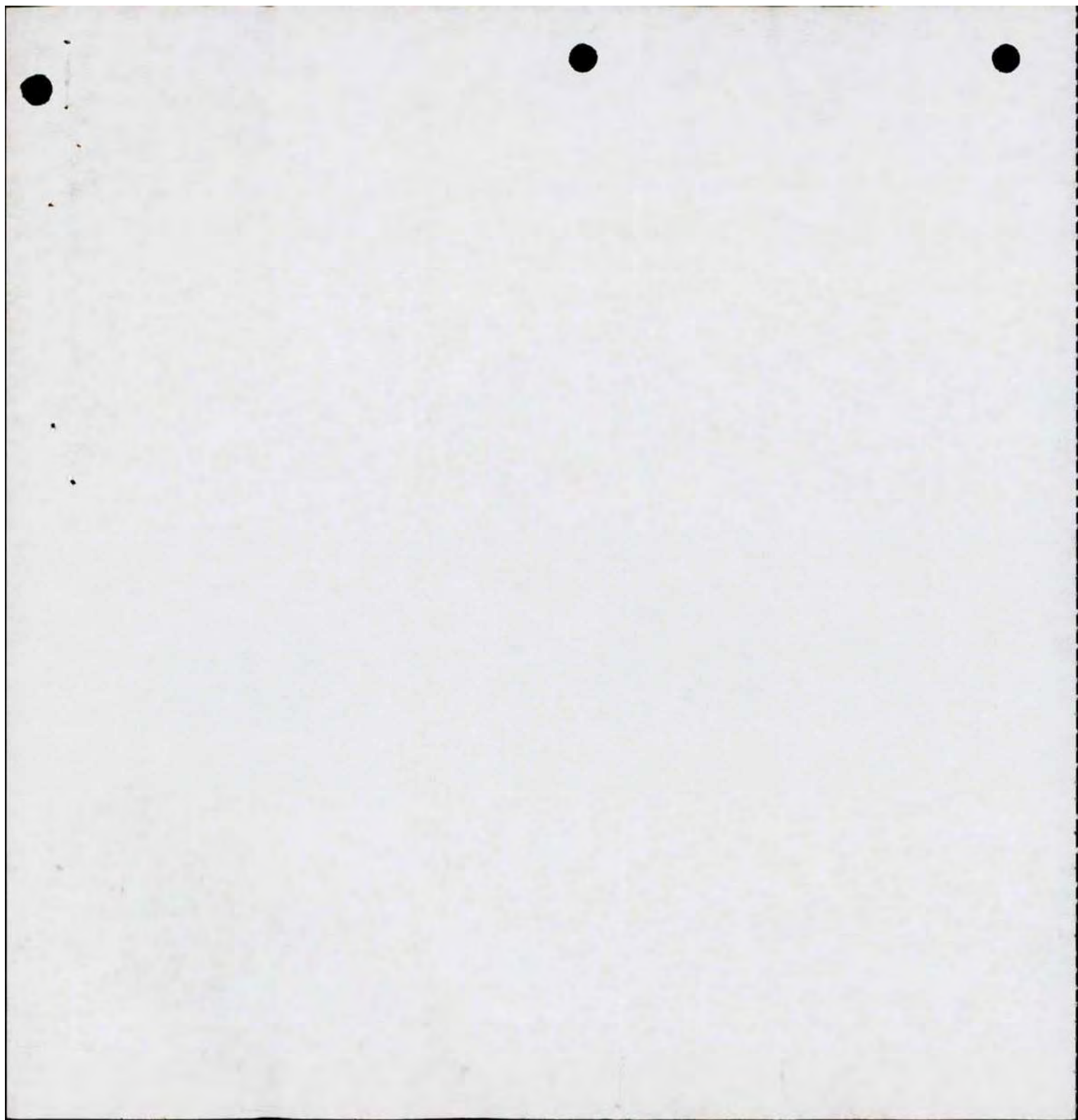
WORKCOVER
NEW SOUTH WALES

WORKCOVER NEW SOUTH WALES
LOCKED BAG 2906
LISAROW NSW 2252

REMIT
TO

YOUR REF.	INVOICE DATE	INVOICE AMOUNT	TRANSACTION TYPE	DISCOUNT TAKEN	NET CHEQUE AMOUNT
25/9/07	25.09.2007	100.00	INV	0.00	100.00
					100.00

MIS CORP



NOTIFICATION

OF DANGEROUS GOODS ON PREMISES FORM



EXPLANATORY NOTES AND FORM CHECKLIST

This form is used to notify WorkCover of dangerous goods stored on premises. This form is to be completed in conjunction with the Guide – Notification of Dangerous Goods on Premises (GDG01). Notification is a requirement of the Occupational Health and Safety Regulation 2001.

Persons who wish to handle explosives or security sensitive dangerous substances need to obtain a licence under the Explosives Regulation 2005. See the WorkCover website www.workcover.nsw.gov.au or call 13 10 50 for information about explosives licensing.

LODGMET INSTRUCTIONS

1. You must complete all sections of this form.
2. You may lodge your notification with Australia Post or with Workcover NSW at Locked Bag 2906 Lisarow NSW 2252.
3. You must sign and date this notification by completing the declaration on the last page.
4. Payment of the notification fee must accompany this form.

Note: No proof of identity check is required for this notification.

NOTIFICATION CHECKLIST

Please tick the appropriate box to ensure that your notification is complete and secure prior to submission to Australia Post or WorkCover

Notifier Use Only

- Notification Form (this form) Completed and Signed
- Site Sketch(s) – only A4 size is acceptable
- Photocopy from street directory or map showing locality
- Non-refundable fee \$100

☐
☐
☐
☐

PRIVACY COMPLIANCE STATEMENT

This information is collected by WorkCover New South Wales ('WorkCover') for the purposes of undertaking an evaluation, assessment and processing a notification of dangerous goods on premises as required by the *Occupational Health and Safety Act 2000* and the *Occupational Health and Safety Regulation 2001*.

This information may also be used by WorkCover for the purposes of confirming applicant details in the event replacement acknowledgements are applied for, and may also be used to establish and maintain a database and to assist the WorkCover inspectorate with their work generally. Information is also made available to local councils and emergency services assist with emergency response and planning.

Except for the purposes of prosecution and unless such disclosure is otherwise required by law, the information will not be accessed by any third parties in a way that would identify the individual without the consent of that individual.

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Privacy Contact Officer, WorkCover NSW Head Office Locked Bag 2906 Lisarow NSW 2252

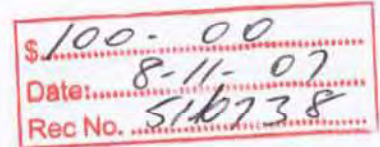
CONTACT FOR NOTIFICATION INQUIRIES

Title: Mr / Miss / Ms / Mrs / Other (please specify) _____ Family name BEECH
Given name DAVID Other names _____
Business phone 02 9747 9400 Business fax number 02 9747 9600
Business email address D.BEECH@FRESHFOOD.COM.AU

Previous Licence Number or Acknowledgement Number (if known)

35/003234

Previous Occupier (if known)



Site on which dangerous goods are to be kept

Number Street

160 BURWOOD ROAD

Suburb/Town/Locality

CONCORD NSW

Postcode

2137

Nearest cross Street

DUKE ST

Lot and DP if no street number

Is the site staffed? If yes state number of employees 140Site staffing: Hours per day 24 Days per week 7

Site Emergency Contact

Phone number

02 9747 9400

Name

MR. CRAIG HEMER

Nature of site (eg petrol station, warehouse etc)

MANUFACTURING & WAREHOUSING

Nature of primary business activity

COFFEE PRODUCTION

ABN Number (if any)

74 081 286 017

Website details (if any)

What is the ANSZIC code most applicable to your business? (see guide for list of codes and further information)

Code

217

Description

COFFEE PRODUCTION - OTHER FOOD MANUFACTURING

Attach a site sketch(s) of the premises. Refer to the Guide GDG01 for information on the requirements for the site sketch.

Attach a legible photocopy page from a local Street Directory or other map showing the locality of the premises. Mark the location of the premises with an X.



List the dangerous goods that will be stored and/or processed on these premises (refer to Guide GDG01). Copy this page and attach additional sheets if there is insufficient space.

Depot No	Type of storage location or process	Class	Maximum Storage Capacity (L, kg)
1	ABOVEGROUND GAS TANK	2.1	4200 L

UN Number	Proper Shipping Name	Class	PG (I, II, III)	Product or Common Name	HazChem Code	Typical Qty	Unit eg L, kg
1075	PETROLEUM GASES LIQUIFIED	2.1	N/A	LPG	2WE	4200	L

Depot No	Type of storage location or process	Class	Maximum Storage Capacity (L, kg)
2	ABOVEGROUND ROOFED TANK	8	1500 L

UN Number	Proper Shipping Name	Class	PG (I, II, III)	Product or Common Name	HazChem Code	Typical Qty	Unit eg L, kg
1824	SODIUM HYDROXIDE SOLUTION	8	II	CAUSTIC SOLUTION	2R	1500	L

manifest
Class 8.

8/24/07

Depot No	Type of storage location or process	Class	Maximum Storage Capacity (L, kg)
3	ABOVEGROUND ROOFED TANK	8	1000 L

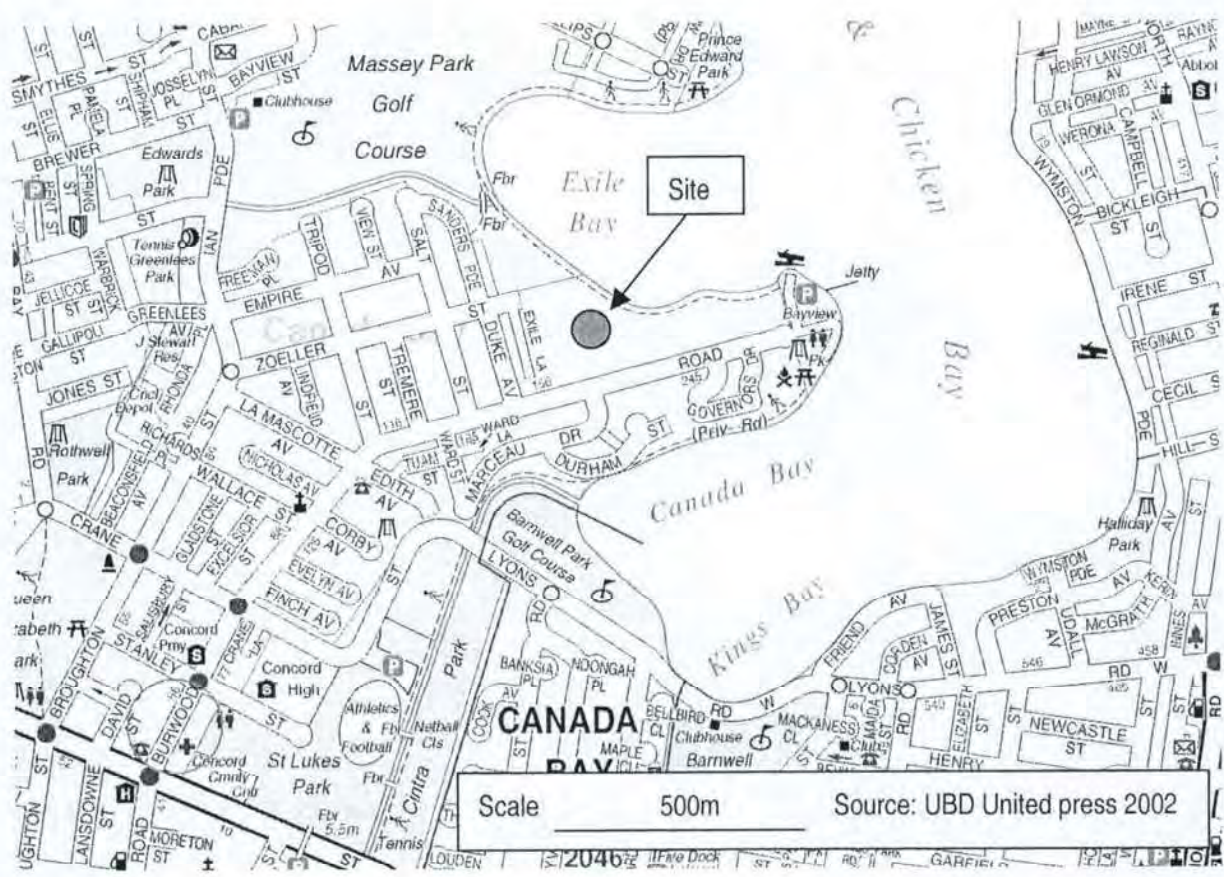
UN Number	Proper Shipping Name	Class	PG (I, II, III)	Product or Common Name	HazChem Code	Typical Qty	Unit eg L, kg
1824	SODIUM HYDROXIDE SOLUTION	8	II	CAUSTIC SOLUTION	2R	1000	L

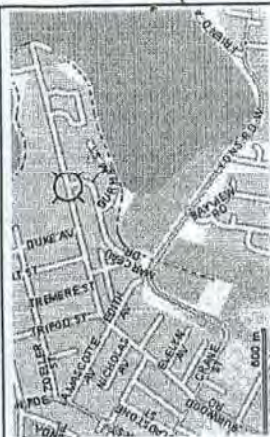
Depot No	Type of storage location or process	Class	Maximum Storage Capacity (L, kg)
4	ABOVEGROUND ROOFED GAS TANK	2.2	3000 L

UN Number	Proper Shipping Name	Class	PG (I, II, III)	Product or Common Name	HazChem Code	Typical Qty	Unit eg L, kg
1977	NITROGEN REFRIGERATED LIQUID	2.2	N/A	NITROGEN	2RE	3000	L

Depot No	Type of storage location or process	Class	Maximum Storage Capacity (L, kg)

UN Number	Proper Shipping Name	Class	PG (I, II, III)	Product or Common Name	HazChem Code	Typical Qty	Unit eg L, kg





Parramatta River Catchment

Parramatta River Catchment

Residential

Notes: Multi storey plant.
NG Isolation on 2nd floor near lift well
Minor caustic solution on third floor
in a tank
Fragrances, Class 3, minor quantities in refrigerated room, ground floor.

Golf Course

Sanders PDE

Zoeller Street rear locked access

4,200L LPG tank Class 2.1

Car Parking

Sprinkler Stop Paste Warehousing

Car Park

Oil and Paint Storage in Workshop

1000L tank Class 8

1500L tank Class 8

3000L Gas tank Class 2.2

30 tonne coffee beans in basement

Office Office Office Office Office

Car Park

Factory Manufacturing

Fire Pump house

Burwood Road

Duke Avenue Residential

Gate House

N

Residential

100m

scale

- LEGEND:
- Fire Extinguisher
 - Fire Water Hydrant
 - Fire Hose Reel
 - Power Isolation Switch
 - NG
 - Natural Gas

Benbow
ENVIRONMENTAL

Dangerous Goods Manifest

FreshFoods Corporation Pty Ltd

Date: 28/09/06 Draught No: 1

Prepared By: Environmental Audits of Australia

13 Buling Street North Parramatta 2151 Australia

P.O. Box 687 Parramatta NSW 2124 Australia

Telephone: 612 98905099 Facsimile: 612 98905395

E-Mail: admin@benbow.com.au Website: www.benbow.com.au

CONTACT FOR NOTIFICATION INQUIRIES

Title: ☒ Mr / Miss / Ms / Mrs / Other (please specify) _____ Family name JUSKA
Given name VY TAS Other names _____
Gender Male / Female (please circle) Date of birth 21 / 4 / 1953 Place of birth Great Britain
Postal address 160 BURWOOD ROAD
Suburb CONCORD State NSW Postcode 2137
Business phone 02 9747 9400 Business fax number 02 9747 9600
Business email address v.juska @ fresh food . com . au

Previous Licence Number or Acknowledgement Number (if known)

35/ 005234

Previous Occupier (if known)

N/A

Site on which dangerous goods are to be kept

Number Street

160 BURWOOD ROAD CONCORD

Nearest cross Street

DUKE AVENUE

Lot and DP if no street number

160 BURWOOD ROAD CONCORD NSW 2137Is the site staffed? If yes state number of employees 140Site staffing: Hours per day 24 Days per week 7

Site Emergency Contact

Phone number

02 9747 9400

Name

CRAIG HEMER

Nature of site (eg petrol station, warehouse etc)

MANUFACTURING & WAREHOUSING

Nature of your primary business activity

COFFEE PRODUCTION

ABN Number (if any)

82081286053

Website details (if any)

WWW.

What is the ANSZIC code most applicable to your business? (see guide for list of codes and further information)

Code

217

Description

COFFEE PRODUCTION - OTHER FOOD MANUFACTURING

Attach a site sketch(s) of the premises. Refer to the Guide for information on the requirements for the site sketch.

Attach a photocopy page from a local Street Directory or other map showing the locality of the premises. Mark the location of the premises with an X

14/12/05

\$ 200.00
Date 13.9.06
Rec. No. 474548

p/t.

29/11/06
105



Benbow
ENVIRONMENTAL

A.B.N. 61 478 755 308

RECEIVED
SERVICE CENTRE

12 SEP 2006

WORKCOVER
NEW SOUTH WALES

13 Daking Street North Parramatta NSW 2151 Australia
P.O. Box 687 Parramatta NSW 2124 Australia

Telephone: 61 2 9890 5099 Facsimile: 61 2 9890 5399
E-mail: admin@benbowenviro.com.au

Visit Our website at www.benbowenviro.com.au

RTB/
Ref. WorkCover_DG_let.doc
1 September 2006

Dangerous Goods Licensing
WorkCover Authority
Locked Bag 2906
LISAROW NSW 2250

Dear Sir,

Re: **Dangerous Goods Application for
FreshFoods Corporation**

Enclosed are the notification documents for the FreshFoods Corporation 160 Burwood Road Concord NSW 2137.

\$100 dollar payment has been made to Australia Post.

Thank you for your assistance with processing this application. If you have any queries, please do not hesitate to contact our office on 02 9890-5099.

Yours faithfully
for Benbow Environmental

R T Benbow
Principal Consultant
WorkCover Accredited Dangerous Goods Consultant
Class 2, 3, 4, 5, 6.1, 8 & 9

Encl.

1947-1948
1949-1950

1951-1952
1953-1954

List the dangerous goods that will be stored and/or processed on these premises. Copy this page and attach additional sheets if there is insufficient space.

Identifier	Type of storage location or process	Class	Maximum Storage Capacity (L, kg, M ³)
1	ABOVEGROUND GAS TANK	2.1	4200 L

UN Number	Proper Shipping Name	Class	PG (I, II, III)	Product or Common Name	HazChem Symbol	Typical Qty	Unit eg L, kg, M ³
1075	PETROLEUM GASES, LIQUEFIED	2.1	N/A	LPG	2WE	4200	L

Identifier	Type of storage location or process	Class	Maximum Storage Capacity (L, kg, M ³)
2	ABOVEGROUND ROOFED TANK	8	1500 L

UN Number	Proper Shipping Name	Class	PG (I, II, III)	Product or Common Name	HazChem Symbol	Typical Qty	Unit eg L, kg, M ³
1824	SODIUM HYDROXIDE SOLUTION	8	II	CAUSTIC SOLUTION	2R	1500	L

Identifier	Type of storage location or process	Class	Maximum Storage Capacity (L, kg, M ³)
3	ABOVEGROUND ROOFED TANK	8	1000 L

UN Number	Proper Shipping Name	Class	PG (I, II, III)	Product or Common Name	HazChem Symbol	Typical Qty	Unit eg L, kg, M ³
1824	SODIUM HYDROXIDE SOLUTION	8	II	CAUSTIC SOLUTION	2R	1500	L

Identifier	Type of storage location or process	Class	Maximum Storage Capacity (L, kg, M ³)
4	ABOVEGROUND ROOFED GAS TANK	2.2	3000 L

UN Number	Proper Shipping Name	Class	PG (I, II, III)	Product or Common Name	HazChem Symbol	Typical Qty	Unit eg L, kg, M ³
1977	NITROGEN, REFRIG- ERATED LIQUID	2.2	N/A	Nitrogen	2RE	3000	L

Identifier	Type of storage location or process	Class	Maximum Storage Capacity (L, kg, M ³)

UN Number	Proper Shipping Name	Class	PG (I, II, III)	Product or Common Name	HazChem Symbol	Typical Qty	Unit eg L, kg, M ³



*2112 18

OCCUPIER INFORMATION

Name of Occupier

FRESH FOOD CORPORATION PLC

Postal Address of Occupier

160 BURWOOD ROAD

Suburb/Town

CONCORD

Postcode

2137

Trading Name if different

Type of business entity

Company ☒ Sole Trader ☐ Partnership ☐ Other ☐ please specify: _____**DETAILS OF PERSON MAKING APPLICATION**Title: Mr / Miss / Ms / Mrs / Other (please specify) _____ Family name JUSKAGiven name VYTAS Other names _____**DECLARATION**I (print your name in BLOCK LETTERS) VYTAS JUSKA Phone number 9747 9400
of (print your home address) 80 DARCEY RD CASTLE HILL NSW Postcode 2154

hereby declare that:

- I am 18 years of age, or over;
- The information contained in this application is true and correct in every particular;
- I am authorised to complete this application and make this declaration on behalf of the occupier;
- I am aware that it is an offence under section 356 of the *Occupational Health and Safety Act 2000* to provide any information or produce any documentation in an application that I know is false or misleading in a material particular.

Signature of person making this declaration  Date 11/9/06**Proof of Identity – Australia Post use only**

NO PROOF OF IDENTITY CHECK IS REQUIRED FOR THIS TRANSACTION

Name of Australia Post Checking Officer _____

Signature _____ Date _____

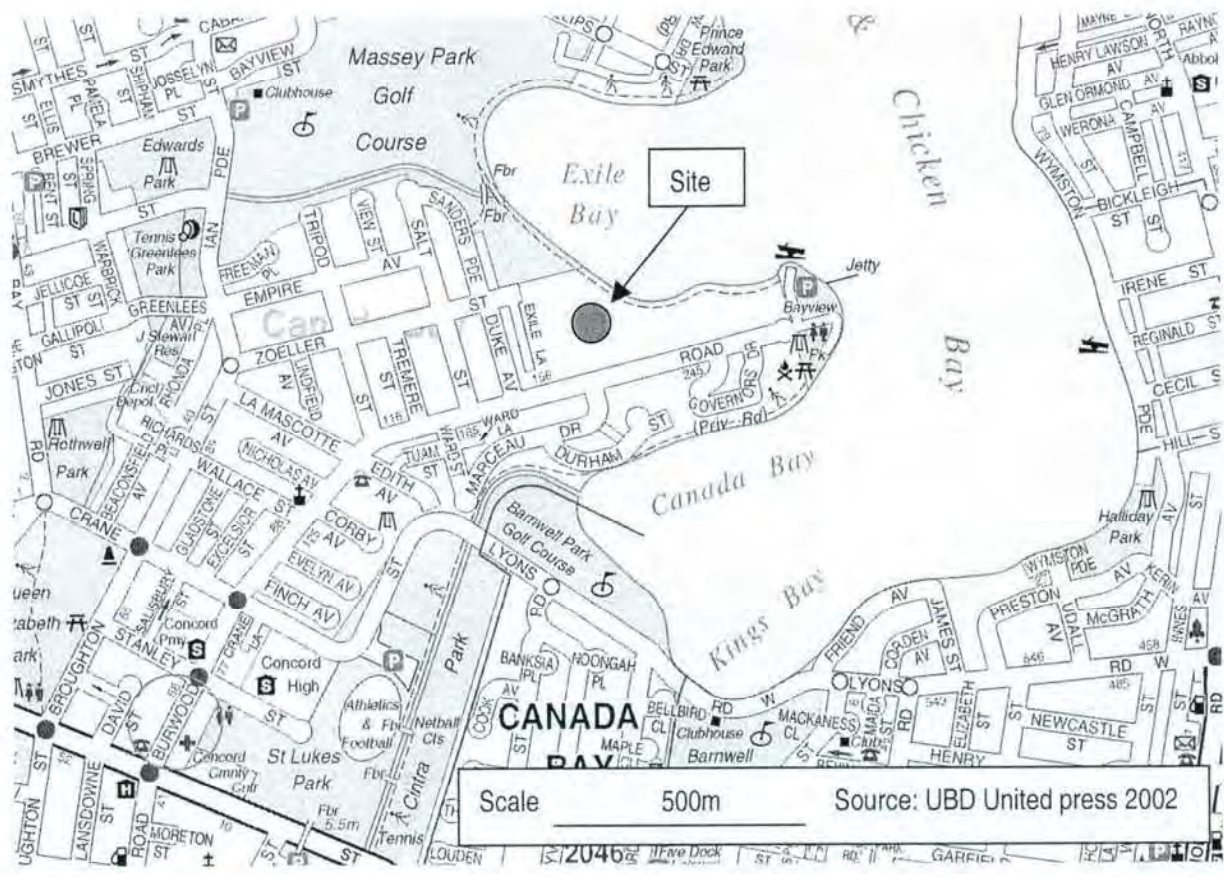
Name of Post office/agency _____

Australia Post Disclaimer

Australia Post is acting as an agent for WorkCover to identify you under the requirements set out by *Occupational Health and Safety Act 2000*.

Your application will be forwarded to WorkCover.

All correspondence in respect of this notification must be addressed to WorkCover.



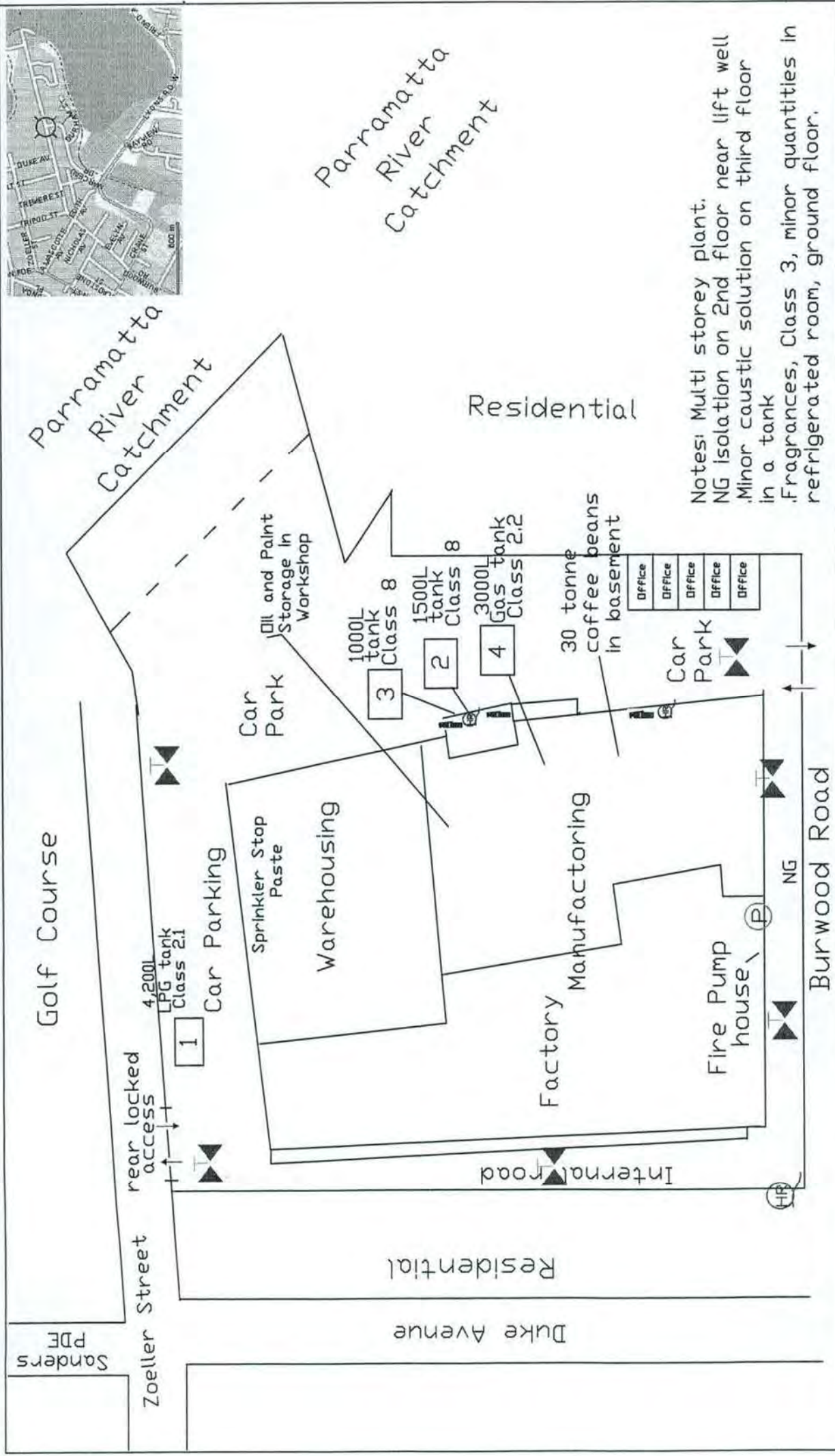


Parramatta River Catchment

Parramatta River Catchment

Residential

Notes: Multi storey plant, NG isolation on 2nd floor near lift well. Minor caustic solution on third floor in a tank. Fragrances, Class 3, minor quantities in refrigerated room, ground floor.



LEGEND:

- Fire Extinguisher
- Fire Water Hydrant
- Fire Hose Reel
- Pump Isolation Switch
- Natural Gas

Benbow ENVIRONMENTAL

Dangerous Goods Manifest

FreshFoods Corporation Pty Ltd

Date: 20/08/06 | Drawn By: B. Voston | Drawing No: 1

PREPARED BY: Environmental Audit of Australia

13 Baking Street North Parramatta 2151 Australia

P.O. Box 487 Parramatta NSW 2124 Australia

Telephone: 612 96905999 Fax: 612 96905399

E-Mail: info@benbow.com.au Website: www.benbow.com.au

Gate House

Residential

100

scale

35/005234



Licence No. 35/005234



APPLICATION FOR RENEWAL OF LICENCE TO KEEP DANGEROUS GOODS

ISSUED UNDER AND SUBJECT TO THE PROVISIONS OF THE DANGEROUS GOODS ACT, 1975 AND REGULATION THEREUNDER

DECLARATION: Please renew licence number 35/005234 to 15/12/2003. I confirm that all the licence details shown below are correct (amend if necessary).

D. Hughes
(Signature)

DENNIS HUGHES
(Please print name)

10/12/02
(Date signed)

for: FRESH FOOD CORPORATION PTY LTD

THIS SIGNED DECLARATION SHOULD BE RETURNED TO: (please do not fax)

WorkCover New South Wales
Dangerous Goods Licensing Section
GPO BOX 5364
SYDNEY 2001

Enquiries: ph (02) 9370 5187
fax (02) 9370 6104

Details of licence on 15 November 2002

Licence Number 35/005234 Expiry Date 15/12/2002
Licensee FRESH FOOD CORPORATION PTY LTD ACN 081 286 017

Postal Address: PRIVATE BAG 90 CONCORD WEST NSW 2138

Licensee Contact TOM FLYNN Ph. 9747 9400 Fax. 9747 9600

DENNIS HUGHES
Premises Licensed to Keep Dangerous Goods
FRESH FOOD CORPORATION PTY LTD
160 BURWOOD RD CONCORD 2137

Nature of Site FOOD MANUFACTURING N.E.C.

Major Supplier of Dangerous Goods VARIOUS

Emergency Contact for this Site DON HALE Ph. 9747 9400

Site staffing 24 HRS 7 DAYS

Details of Depots

Depot No.	Depot Type	Goods Stored in Depot	Qty
1	ABOVE-GROUND TANK	Class 2.1	4200 L
		UN 1075 PETROLEUM GASES, LIQUEFIED	2100 L
2	CYLINDER STORE	Class 2.1	300 L
		UN 1075 PETROLEUM GASES, LIQUEFIED	150 L
3	ABOVE-GROUND TANK	Class 8	1500 L
		UN 1824 SODIUM HYDROXIDE SOLUTION	1500 L
4	ABOVE-GROUND TANK	Class 2.2	2500 L
		UN 1977 NITROGEN, REFRIGERATED LIQUID	2000 L
6	ABOVE-GROUND TANK	Class 8	2500 L
		UN 1824 SODIUM HYDROXIDE SOLUTION	2500 L
7	ABOVE-GROUND TANK	Class 8	2000 L
		UN 1824 SODIUM HYDROXIDE SOLUTION	2000 L
8	ABOVE-GROUND TANK	Class 8	2000 L
		UN 1824 SODIUM HYDROXIDE SOLUTION	2000 L

*Amended & Renewed Licence
Van Rooyen 10/12/02
Paperwork ATT*



Alexandria

WorkCover New South Wales, 400 Kent Street, Sydney 2000. Tel: 9370 5000 Fax: 9370 5999 ALL MAIL TO G.P.O. BOX 5364 SYDNEY 2001

Licence No. 35/005234

**APPLICATION FOR RENEWAL
OF LICENCE TO KEEP DANGEROUS GOODS**

ISSUED UNDER AND SUBJECT TO THE PROVISIONS OF THE DANGEROUS GOODS ACT, 1975 AND REGULATION THEREUNDER

DECLARATION: Please renew licence number 35/005234 to 15/12/2002. I confirm that all the licence details shown below are correct (amend if necessary).

(Signature)

for: FRESH FOOD CORPORATION PTY LTD

Tom Flynn

(Please print name)

30/11/01

(Date signed)

THIS SIGNED DECLARATION SHOULD BE RETURNED TO: (please do not fax)WorkCover New South Wales
Dangerous Goods Licensing Section
GPO BOX 5364
SYDNEY 2001Enquiries: ph (02) 9370 5187
fax (02) 9370 6104**Details of licence on 20 November 2001**

Licence Number 35/005234

Expiry Date 15/12/2001

Licensee FRESH FOOD CORPORATION PTY LTD ACN 081 286 017

Postal Address: PRIVATE BAG 90 CONCORD WEST NSW 2138

Licensee Contact TOM FLYNN Ph. 9747 9400 Fax. 9747 9600

Premises Licensed to Keep Dangerous GoodsFRESH FOOD CORPORATION PTY LTD
160 BURWOOD RD CONCORD 2137

Nature of Site FOOD MANUFACTURING N.E.C.

Major Supplier of Dangerous Goods VARIOUS

Emergency Contact for this Site JOHN CURTIS/TOM FLYNN Ph. 9747 9400

Site staffing 24 HRS 7 DAYS

JOHN HALE

Details of Depots

Depot No.	Depot Type	Goods Stored in Depot	Qty
1	ABOVE-GROUND TANK	Class 2.1	4200 L
		UN 1075 PETROLEUM GASES, LIQUEFIED	2100 L
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		UN 1075 PETROLEUM GASES, LIQUEFIED	150 L
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7	ABOVE-GROUND TANK	Class 8	2000 L
		UN 1824 SODIUM HYDROXIDE SOLUTION	2000 L
8	ABOVE-GROUND TANK	Class 8	2000 L
		UN 1824 SODIUM HYDROXIDE SOLUTION	2000 L



RECEIVED
15 DEC 2001
NEW SOUTH WALES
WORKCOVER
SERVICE CENTRE
SYDNEY



Licence No. 35/005234 *ab*

APPLICATION FOR RENEWAL OF LICENCE TO KEEP DANGEROUS GOODS

ISSUED UNDER AND SUBJECT TO THE PROVISIONS OF THE DANGEROUS GOODS ACT, 1975 AND REGULATION THEREUNDER

DECLARATION: Please renew licence number 35/005234 to 15/12/2001. I confirm that all the licence details shown below are correct (amend if necessary).

T.P. Flynn *Tom Flynn* *13/12/00*
(Signature) (Please print name) (Date signed)

for: FRESH FOOD CORPORATION PTY LTD

THIS SIGNED DECLARATION SHOULD BE RETURNED TO: (please do not fax)

WorkCover New South Wales
Dangerous Goods Licensing Section
GPO BOX 5364
SYDNEY 2001

Enquiries: ph (02) 9370 5187
fax (02) 9370 6104

Details of licence on 1 December 2000

Licence Number 35/005234 Expiry Date 15/12/2000
Licensee FRESH FOOD CORPORATION PTY LTD ACN 081 286 017



Postal Address: PRIVATE BAG 90 CONCORD WEST NSW 2138

Licensee Contact TOM FLYNN Ph. 9747 9400 Fax. 9747 9600

Premises Licensed to Keep Dangerous Goods
FRESH FOOD CORPORATION PTY LTD
160 BURWOOD RD CONCORD 2137

Nature of Site FOOD MANUFACTURING N.E.C.

Major Supplier of Dangerous Goods VARIOUS

Emergency Contact for this Site ~~JOHN CURTIS~~/TOM FLYNN Ph. 9747 9400

Site staffing 24 HRS 7 DAYS *DON HALE*

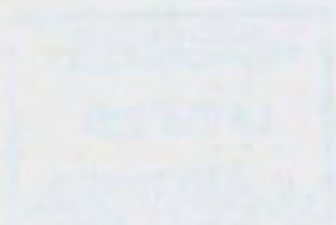
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		UN 1824 SODIUM HYDROXIDE SOLUTION	2500 L
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		UN 1824 SODIUM HYDROXIDE SOLUTION	2000 L
8	ABOVE-GROUND TANK	Class 8	2000 L
		UN 1824 SODIUM HYDROXIDE SOLUTION	2000 L

*Data Complete
ps 19/12/00*



National Library of Medicine
Bethesda, Maryland 20894





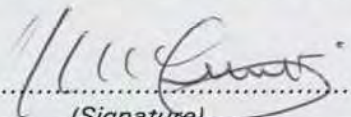
Licence No. 35/005234



APPLICATION FOR RENEWAL OF LICENCE TO KEEP DANGEROUS GOODS

ISSUED UNDER AND SUBJECT TO THE PROVISIONS OF THE DANGEROUS GOODS ACT, 1975 AND REGULATION THEREUNDER

DECLARATION: Please renew licence number 35/005234 to 16/12/1999. I confirm that all the licence details shown below are correct (amend if necessary).


(Signature)

J M Curtis
(Please print name)

28/11/98
(Date signed)

for: ~~UNILEVER AUSTRALIA P/L~~
Fresh Food Corporation Pty. Ltd

THIS SIGNED DECLARATION SHOULD BE RETURNED TO:

WorkCover New South Wales
Dangerous Goods Licensing Section
GPO BOX 5364
SYDNEY 2001

Enquiries: ph (02) 9370 5187
fax (02) 9370 6105

Details of licence on 10 November 1998

Licence Number 35/005234 Expiry Date 16/12/1998

~~Fresh Food Corporation Pty. Ltd~~
Licensee UNILEVER AUSTRALIA P/L ACN 004 050 828 ACN 081 286 017 1000
UNIFOODS DIVISION

Postal Address: PRIVATE BAG 2 P.O. EPPING NSW 2121
90, Concord West NSW 2138

Licensee Contact TOM FLYNN Ph. 9747 9400 Fax. 9747 9600

Premises Licensed to Keep Dangerous Goods

~~UNILEVER AUSTRALIA P/L UNIFOODS DIVISION~~ Fresh Food Corporation Pty. Ltd
160 BURWOOD RD CONCORD 2137

Nature of Site FOOD MANUFACTURING N.E.C.

Major Supplier of Dangerous Goods VARIOUS

Emergency Contact for this Site JOHN CURTIS / TOM FLYNN Ph. 9747 9400

Site staffing 24 HRS 7 DAYS

Details of Depots

Depot No.	Depot Type	Goods Stored in Depot	Qty
1	ABOVE-GROUND TANK	Class 2.1	4200 L
		UN 1075 PETROLEUM GASES, LIQUEFIED	2100 L
2	CYLINDER STORE	Class 2.1	300 L
		UN 1075 PETROLEUM GASES, LIQUEFIED	150 L
3	ABOVE-GROUND TANK	Class 8	1500 L
		UN 1824 SODIUM HYDROXIDE SOLUTION	1500 L
4	ABOVE-GROUND TANK	Class 2.2	2500 L
		UN 1977 NITROGEN, REFRIGERATED LIQUID	2000 L
6	ABOVE-GROUND TANK	Class 8	2500 L
		UN 1824 SODIUM HYDROXIDE SOLUTION	2500 L
7	ABOVE-GROUND TANK	Class 8	2000 L
		UN 1824 SODIUM HYDROXIDE SOLUTION	2000 L
8	ABOVE-GROUND TANK	Class 8	2000 L
		UN 1824 SODIUM HYDROXIDE SOLUTION	2000 L

Form DG10

Licences are issued, for a specified site, if control of a site is transferred (by way of sale or lease or otherwise), the person who held the licence concerned immediately before the transfer must, within 7 days after the transfer, notify the Chief Inspector. This notification must be in writing and must specify the date on which the transfer was effected and the name and address of the transferee.

Dangerous Goods are divided into classes and an explanation is shown below. Certain dangerous goods may be kept without a licence, providing the quantity of the goods does not exceed the amount specified in the exemptions listed below.

EXPLANATION OF DANGEROUS GOODS AND THEIR CLASSES

- 1.1 Blasting explosives (including detonators).
- 1.4 Safety cartridges
- 2.1 Flammable gases (e.g. L.P.Gas, acetylene).
- 2.2 Non flammable, non toxic gases (e.g. liquid oxygen, liquid nitrogen).
- 2.3 Poisonous Gases (e.g. chlorine, anhydrous ammonia)
- 3 Flammable liquids (e.g. any or all of petrol, kerosene, solvents, methylated spirits).
- C1 *Combustible liquids (e.g. distillate, diesel fuel, heating oil).*
- 4 Flammable solids (e.g. nitro cellulose, sodium metal, calcium carbide).
- 5.1 Oxidising substances (e.g. pool chlorine, ammonium nitrate).
- 5.2 Organic peroxides (e.g. dibenzoyl peroxide)
- 6.1 (a) Poisons (e.g. sodium cyanide, some pesticides);
(b) Harmful substances (e.g. sodium fluorosilicate, some pesticides).
- 6.2 Infectious substances
- 7 Radioactive substances (storage of Class 7 is NOT covered by the Dangerous Goods Act, 1975).
- 8 Corrosives (e.g. hydrochloric acid, sulphuric acid, sodium hydroxide, sodium hypochlorite).

EXEMPTIONS FROM LICENCE

- 1. *Acetylene*: Storage of 60 cu.m or less of acetylene per premises (i.e. up to and including 8 x "G" class cylinders, the most common size of acetylene cylinder).
- 2. *Class C1-Distillate, Diesel Fuel, Heating Oil*: Storage of 50,000 litres or less per tank.
- 3. *Petrol and other class 3 packaging group I & II dangerous goods* : Storage of 100 litres or less per premises.
- 4. *Kerosene and other class 3 packaging group III dangerous goods* : Storage of 1,000 litres or less per premises when stored aboveground.
- 5. *Class 6 - Poisonous Substances* : Packaging group I not more than 10L/kg, packaging group II not more than 100L/kg, packaging group III not more than 1000L/kg,
- 6. *Class 8 - Corrosive Substances* : Packaging group I not more than 50L/kg, packaging group II not more than 500L/kg, packaging group III not more than 1000L/kg,

Please contact the WorkCover Authority ☎ (02) 370 5187 for further exemptions.

OTHER WORKCOVER AUTHORITY OFFICES - Advice on Dangerous Goods* can also be obtained from the following offices.

☎		☎	
GOSFORD	(043) 24 3384	HURSTVILLE	(02) 598 3366
NEWCASTLE	(049) 21 2900	LINDFIELD	(02) 936 3000
ORANGE	(063) 61 7070	LIVERPOOL	(02) 827 8600
PORT MACQUARIE	(065) 84 1188	PARRAMATTA	(02) 841 8550
WAGGA WAGGA	(069) 21 8766		
WOLLONGONG	(042) 22 7333		

* Dangerous Goods licensing enquiries to Scientific Services Branch ☎ (02) 370 5187

35/005234.

FreshFood Corporation Pty Ltd

ACN 081 286 017



20 November 1997

Ref: 099

WorkCover NSW
Scientific Services Branch
GPO Box 5364
SYDNEY NSW 2001

Attention: V Andrews

Dear Sir/Madam

Re: Licence for the Keeping of Dangerous Goods No.35/005234

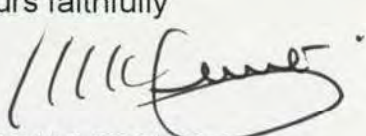
We refer to your letter of 10 November 1998 enclosing the renewal application for the above licence.

We wish to advise that as of 6 April 1998, Unilever Australia Pty Ltd was taken over by FreshFood Corporation Pty Ltd. For us to renew this licence, could you please reassign same to FreshFood Corporation Pty Ltd - ACN 081 286 017.

Contacts, telephone numbers and all other details remain the same, with the exception of the postal address which is Private Bag 90, Concord West NSW 2138.

Thanking you for your attention to this matter.

Yours faithfully


JOHN M CURTIS
Works Manager



A.C.N. 900 020 799

Workcover Authority
The Chief Inspector of Dangerous Goods
Locked Bag 10
SYDNEY NSW 2000



Contractor's Certificate
Abandonment of Underground Tanks

Gilbarco Aust Ltd hereby certifies that the tanks referred to in the Schedule of this Certificate have been taken out of service by the following method:

- ~~1. Removal of tank/s to an approved place.~~
2. Filling with an inert solid material, sand or concrete.
(Delete as applicable)

35-005234

The procedure has been carried out under the provisions of the Dangerous Goods Act, 1975, and Section 9.8.13 of Australian Standard 1940-1993 and acceptance of the Chief Inspector of Dangerous Goods.

Owner of Premises:

UNIFOODS

Address of Premises:

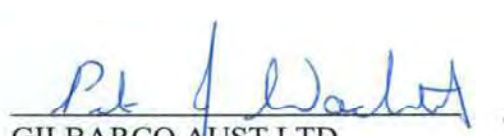
160 Burwood Road

Concord NSW 2137

SCHEDULE

1 x Tank	16500 Litres	} IN GARDEN BED.
2 x Tank	5000 Litres	
1 x Tank	13500 Litres	ADJACENT GUARD HOUSE
Tank	Litres	

Dated this 13 day of MARCH 1998.


GILBARCO AUST LTD
Authorised Officer

WORKCOVER NEW SOUTH WALES

DETAILS OF LICENCE FOR KEEPING DANGEROUS GOODS ON 18 MARCH 1998

Licence Number 35/005234

Expiry Date 16/12/98

Licensee Details

Licensee UNILEVER AUSTRALIA P/L ACN 004 050 828

Trading name UNIFOODS DIVISION

Postal Address PRIVATE BAG 2 P O, EPPING 2121

Licensee Contact Tom Flynn Ph. 9747 9400 Fax. 9747 9600

Site Details

Premises Licensed to Keep Dangerous Goods

160 BURWOOD RD

CONCORD 2137

Nature of Site Food Manufacturing NEC Supplier VARIOUS

Emergency Contact John Curtis / Tom Flynn ph. 9747 9400

Site staffing 24 hrs 7 days

Details of Depots

Depot No.	Depot Type	Goods Stored in Depot	Qty
1	ABOVE-GROUND TANK	Class 2.1 UN 1075 PETROLEUM GASES, LIQUE	4200 L 2100 L
2	CYLINDER STORE	Class 2.1 UN 1075 PETROLEUM GASES, LIQUE	300 L 150 L
3	ABOVE-GROUND TANK	Class 8 UN 1824 SODIUM HYDROXIDE SOLUT	1500 L 1500 L
4	ABOVE-GROUND TANK	Class 2.2 UN 1977 NITROGEN, REFRIGERATED	2500 L 2000 L
6	ABOVE-GROUND TANK	Class 8 UN 1824 SODIUM HYDROXIDE SOLUT	2500 L 2500 L
7	ABOVE-GROUND TANK	Class 8 UN 1824 SODIUM HYDROXIDE SOLUT	2000 L 2000 L
8	ABOVE-GROUND TANK	Class 8 UN 1824 SODIUM HYDROXIDE SOLUT	2000 L 2000 L



35/005234 File in
RS

ACN 004 050 828

PLEASE ADVISE IF THERE WERE ANY TECHNICAL PROBLEMS WITH RECEIPT OF THIS MESSAGE

ADDRESS: 160 Burwood Road
CONCORD NSW 2137
(Private Bag No. 2
EPPING NSW 2121)

TELEPHONE: (61) (02) 9747 9400**FACSIMILE:** (61) (02) 9747 9600**REF:** 002**TO:** Nancy Tabeta - WorkCover**FROM:** John Curtis**DATE:** 16 January 1998**SUBJECT:** ABANDONMENT OF UNDERGROUND TANKS**FAX NO:** 9370 6105**NO. OF PAGES:** 1

Nancy,

Many thanks for the information supplied. While we have been able to find some further information, it is insufficient to completely clarify the situation.

We have commissioned Gilbarco to investigate and establish if there are still four (4) tanks in the area indicated and which have been correctly abandoned. They will then take appropriate action to make them safe according to the 1993 regulation reference DG310 previously supplied.

On completion we will advise you and supply suitable documentation.

Yours faithfully

JOHN M CURTIS

Works Manager

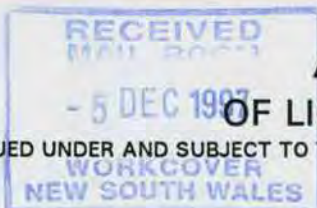


RECEIVED

- 5 DEC 1997



Reference



APPLICATION FOR RENEWAL

OF LICENCE TO KEEP DANGEROUS GOODS

ISSUED UNDER AND SUBJECT TO THE PROVISIONS OF THE DANGEROUS GOODS ACT, 1975 AND REGULATION THEREUNDER

DECLARATION: Please renew licence number 35/005234 to 1998. I confirm that all the licence details shown below are correct (amend if necessary).

T.P. Flynn

(Signature)

for: UNILEVER AUSTRALIA P/L

Tom Flynn

(Please print name)

24/11/97

(Date signed)

THIS SIGNED DECLARATION SHOULD BE RETURNED TO:

WorkCover New South Wales
Dangerous Goods Licensing Section (Level 3)
Locked Bag 10
P O CLARENCE STREET 2000

Enquiries: ph (02) 9370 5187
fax (02) 9370 6105

Details of licence on 30 October 1997

Licence Number 35/005234 Expiry Date 16/12/97
Licensee UNILEVER AUSTRALIA P/L ACN 004 050 828
UNIFOODS DIVISION
Postal Address PRIVATE BAG 2 P O, EPPING 2121
Licensee Contact Tom Flynn Ph. 9747 9400 Fax. 9747 9600
Premises Licensed to Keep Dangerous Goods
160 BURWOOD RD
CONCORD 2137



Nature of Site Food Manufacturing NEC Major Supplier of Dangerous Goods VARIOUS

Emergency Contact for this Site John Curtis / Tom Flynn ph. 9747 9400

Site staffing 24 hrs 7 days

Details of Depots

Depot No.	Depot Type	Goods Stored in Depot	Qty
1	ABOVE-GROUND TANK	Class 2.1 UN 1075 PETROLEUM GASES, LIQUE	4200 L 2100 L
2	CYLINDER STORE	Class 2.1 UN 1075 PETROLEUM GASES, LIQUE	300 L 150 L
3	ABOVE-GROUND TANK	Class 8 UN 1824 SODIUM HYDROXIDE SOLUT	1500 L 1500 L
4	ABOVE-GROUND TANK	Class 2.2 UN 1977 NITROGEN, REFRIGERATED	2500 L 2000 L
* 5	ABOVE-GROUND TANK	Class 2.2 UN 1977 NITROGEN, REFRIGERATED	2500 L 2000 L
6	ABOVE-GROUND TANK	Class 8 UN 1824 SODIUM HYDROXIDE SOLUT	2500 L 2500 L

* ONE TANK REMOVED OCTOBER 1997 BY BOC GASES
(OWNER OF TANK).

Form DG10

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EXPLANATION OF DANGEROUS GOODS AND THEIR CLASSES

- 1.1 Blasting explosives (including detonators).
- 1.4 Safety cartridges
- 2.1 Flammable gases (e.g. L.P.Gas, acetylene).
- 2.2 Non flammable, non toxic gases (e.g. liquid oxygen, liquid nitrogen).
- 2.3 Poisonous Gases (e.g. chlorine, anhydrous ammonia)
- 3 Flammable liquids (e.g. any or all of petrol, kerosene, solvents, methylated spirits).
- C1 *Combustible liquids (e.g. distillate, diesel fuel, heating oil).*
- 4 Flammable solids (e.g. nitro cellulose, sodium metal, calcium carbide).
- 5.1 Oxidising substances (e.g. pool chlorine, ammonium nitrate).
- 5.2 Organic peroxides (e.g. dibenzoyl peroxide)
- 6.1 (a) Poisons (e.g. sodium cyanide, some pesticides);
(b) Harmful substances (e.g. sodium fluorosilicate, some pesticides).
- 6.2 Infectious substances
- 7 Radioactive substances (storage of Class 7 is NOT covered by the Dangerous Goods Act, 1975).
- 8 Corrosives (e.g. hydrochloric acid, sulphuric acid, sodium hydroxide, sodium hypochlorite).

EXEMPTIONS FROM LICENCE

- 1. *Acetylene*: Storage of 60 cu.m or less of acetylene per premises (i.e. up to and including 8 x "G" class cylinders, the most common size of acetylene cylinder).
- 2. *Class C1-Distillate, Diesel Fuel, Heating Oil*: Storage of 50,000 litres or less per tank.
- 3. *Petrol and other class 3 packaging group I & II dangerous goods*: Storage of 100 litres or less per premises.
- 4. *Kerosene and other class 3 packaging group III dangerous goods*: Storage of 1,000 litres or less per premises when stored aboveground.
- 5. *Class 6 - Poisonous Substances*: Packaging group I not more than 10L/kg, packaging group II not more than 100L/kg, packaging group III not more than 1000L/kg,
- 6. *Class 8 - Corrosive Substances*: Packaging group I not more than 50L/kg, packaging group II not more than 500L/kg, packaging group III not more than 1000L/kg.

Please contact the WorkCover Authority ☎ (02) 370 5187 for further exemptions.

OTHER WORKCOVER AUTHORITY OFFICES - Advice on Dangerous Goods* can also be obtained from the following offices.

GOSFORD	(043) 24 3384		
NEWCASTLE	(049) 21 2900	HURSTVILLE	(02) 598 3366
ORANGE	(063) 61 7070	LINDFIELD	(02) 936 3000
PORT MACQUARIE	(065) 84 1188	LIVERPOOL	(02) 827 8600
WAGGA WAGGA	(069) 21 8766	PARRAMATTA	(02) 841 8550
WOLLONGONG	(042) 22 7333		

* Dangerous Goods licensing enquiries to Scientific Services Branch ☎ (02) 370 5187

Reference



APPLICATION FOR RENEWAL OF LICENCE TO KEEP DANGEROUS GOODS

ISSUED UNDER AND SUBJECT TO THE PROVISIONS OF THE DANGEROUS GOODS ACT, 1975 AND REGULATION THEREUNDER

7	ABOVE-GROUND TANK	Class 8 UN 1824 SODIUM HYDROXIDE SOLUT	2000 L 2000 L
8	ABOVE-GROUND TANK	Class 8 UN 1824 SODIUM HYDROXIDE SOLUT	2000 L 2000 L

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- 1.1 Blasting explosives (including detonators).
- 1.4 Safety cartridges
- 2.1 Flammable gases (e.g. L.P. Gas, acetylene).
- 2.2 Non flammable, non toxic gases (e.g. liquid oxygen, liquid nitrogen).
- 2.3 Poisonous Gases (e.g. chlorine, anhydrous ammonia)
- 3 Flammable liquids (e.g. any or all of petrol, kerosene, solvents, methylated spirits).
- C1 *Combustible liquids (e.g. distillate, diesel fuel, heating oil).*
- 4 Flammable solids (e.g. nitro cellulose, sodium metal, calcium carbide).
- 5.1 Oxidising substances (e.g. pool chlorine, ammonium nitrate).
- 5.2 Organic peroxides (e.g. dibenzoyl peroxide)
- 6.1 (a) Poisons (e.g. sodium cyanide, some pesticides);
(b) Harmful substances (e.g. sodium fluorosilicate, some pesticides).
- 6.2 Infectious substances
- 7 Radioactive substances (storage of Class 7 is NOT covered by the Dangerous Goods Act, 1975).
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EXEMPTIONS FROM LICENCE

- 1. *Acetylene*: Storage of 60 cu.m or less of acetylene per premises (i.e. up to and including 8 x "G" class cylinders, the most common size of acetylene cylinder).
- 2. *Class C1-Distillate, Diesel Fuel, Heating Oil*: Storage of 50,000 litres or less per tank.
- 3. *Petrol and other class 3 packaging group I & II dangerous goods*: Storage of 100 litres or less per premises.
- 4. *Kerosene and other class 3 packaging group III dangerous goods*: Storage of 1,000 litres or less per premises when stored aboveground.
- 5. *Class 6 - Poisonous Substances*: Packaging group I not more than 10L/kg, packaging group II not more than 100L/kg, packaging group III not more than 1000L/kg.
- 6. *Class 8 - Corrosive Substances*: Packaging group I not more than 50L/kg, packaging group II not more than 500L/kg, packaging group III not more than 1000L/kg.

Please contact the WorkCover Authority ☎ (02) 370 5187 for further exemptions.

OTHER WORKCOVER AUTHORITY OFFICES - Advice on Dangerous Goods* can also be obtained from the following offices.

GOSFORD	(043) 24 3384		
NEWCASTLE	(049) 21 2900	HURSTVILLE	(02) 598 3366
ORANGE	(063) 61 7070	LINDFIELD	(02) 936 3000
PORT MACQUARIE	(065) 84 1188	LIVERPOOL	(02) 827 8600
WAGGA WAGGA	(069) 21 8766	PARRAMATTA	(02) 841 8550
WOLLONGONG	(042) 22 7333		

* Dangerous Goods licensing enquiries to Scientific Services Branch ☎ (02) 370 5187

FAX



TO John Curtis
Unilever Australia P/L

FAX 9747 9600

**NUMBER OF PAGES
INCLUDING THIS ONE** 4

FROM Dangerous Goods Licensing
SCIENTIFIC SERVICES BRANCH
Nancy Tabeta

FAX 9370 6105

PHONE 9370 5187

DATE 13/11/97

RE: ABANDONMENT OF UNDERGROUND TANKS.
PREMISES: 160 Burwood Rd, Concord.

Please accept the attached information as per you request on fax dated 19 December 1997.

- Copy of notification received in December 1993 that the four (4) tanks were abandoned.
- Copy of contractor's certificate of 2 underground tanks
- and copy of sketch showing the position of the 4 underground tanks.

I hope this will be of assistance to you.

157

* * * COMMUNICATION RESULT REPORT (12.JAN.1998 10:49) * * *

TTI SCIENTIFIC SERVICES 93706105

FILE MODE	OPTION	ADDRESS (GROUP)	RESULT	PAGE
429 MEMORY TX		097479600	OK	P. 4/4

REASON FOR ERROR

E-1) HANG UP OR LINE FAIL
E-3) NO ANSWERE-2) BUSY
E-4) NO FACSIMILE CONNECTION**FAX****TO** John Curtis
Unilever Australia P/L**FAX** 9747 9600**NUMBER OF PAGES
INCLUDING THIS ONE** 4**FROM** Dangerous Goods Licensing
SCIENTIFIC SERVICES BRANCH
Nancy Tabeta**FAX** 9370 6105**PHONE** 9370 5187**DATE** 13/11/97**RE: ABANDONMENT OF UNDERGROUND TANKS.
PREMISES: 160 Burwood Rd, Concord.**

Please accept the attached information as per your request on fax dated 19 December

(division of unilever)
unifoods

Home of
Bushells

35/005234

Unifoods Pty Ltd
A.C.N. 000 608 079

Factory Address:
160 Burwood Road
Concord
New South Wales 2137

Postal Address:
Private Bag No. 2
Epping
New South Wales 2121

Telephone (02) 747 9400
Facsimile (02) 747 9600

13 December 1993

Ref: 088

Chief Inspector, Dangerous Goods
Workcover Authority
400 Kent Street
SYDNEY NSW 2000



Dear Sir,

I have enclosed the application for the renewal of our Dangerous Goods Licence.

Please note the following information:

1. Underground Tanks Depots 1, 2, 3 and 4 (previous licence) have been abandoned.

No's 1, 2, and 3 were licensed.
No. 4 = diesel, now removed.

2. Depots 6 and 7 Flammable Liquids Cabinet x 2

These are to be used in the short term for the storage of:

Safety Solvent Class 6.1(b), Combustible C.1 in quantities below licence exemption limits.

3. Depot 3 Aboveground Tank Class 8

Requires bunding.

4. Depot 8 Aboveground Tank Class 8 - requires bunding.

The bund wall to tank separation distance doesn't comply with the Regulations, therefore, as an alternative a spillage baffle has been installed.

I have also enclosed the site map, the certificate of abandonment for the underground tanks and two diagrams illustrating the proposed bunding for the caustic tanks.

Should you require any further information, please do not hesitate to contact me.

Yours faithfully

A handwritten signature in dark ink, appearing to read "E.A. Sandwith".

ELIZABETH SANDWITH
Occupational Health and Safety Nurse

Handwritten text in blue ink, possibly a signature or date, located in the top left corner.

35-005234

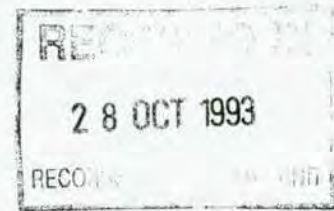
check

Gilbarco AUST. LTD.
A.C.N. 000 020 799

GILBARCO AUST. LTD.
12-38 TALAVERA ROAD, P.O. BOX 63
NORTH RYDE, N.S.W. 2113
AUSTRALIA

TELEX: AA120832 PHONE: (02) 888 4888
N.S.W. OFFICE FAX: (02) 878 4038
N.S.W. STORES: (02) 878 6009

SCIENTIFIC SERVICES
BRANCH
28 OCT 1993
DANGEROUS
GOODS



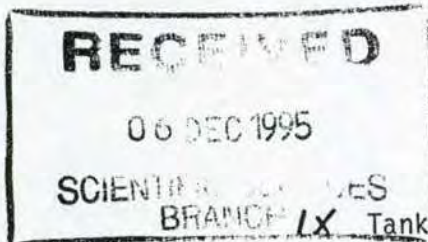
Workcover Authority
The Chief Inspector of Dangerous Goods
Locked Bag 10
CLARENCE STREET NSW 2000

Dangerous Goods Act, 1975
Contractor's Certificate
Abandonment of Underground Tanks

Gilbarco Aust Ltd hereby certifies that the tanks referred to in the Schedule to this Certificate have been abandoned by the removal of the flammable liquid and by gas-freeing the tank, filling with water containing a corrosion inhibitor, * WATERGY, and sealing the filling, suction, dip and vent pipes with metal caps.

This procedure has been carried out under the provisions of the Dangerous Goods Act, 1975, and Section 8.7.8 of Australian Standard 1940 and acceptance of the Chief Inspector of Dangerous Goods.

Owner of Premises : UNIFOODS P/L
Address of Premises : 160 BURWOOD RD
CONCORD



SCHEDULE

SCIENTIFIC SERVICES BRANCH	1X Tank	14200 1/4	Litres
	1X Tank	6500 1/4	Litres
	* 1X Tank	10000 1/4	Litres
	Tank		Litres

Dated this 27TH day of SEPTEMBER 1993

* Insert rust inhibitor used.

GILBARCO AUST LTD
Authorised Officer

* NB. ON-BOARD TIO DISPOSED OF THROUGH AGENT.

FOR THE INSTALLATION OF

COMPANY EQUIPMENT

RMSI

Name of Customer

BUSHHELLS PTY LTD

Trade Name of Customer

Address 160 BUSHWOOD RD CONCORDTelephone No. 745-0044

Class of Agreement — Reseller

Industrial ☒

Nature of Business

Nature of Proposal — New Installation

Replacement ☒Removal ☐Purchase ☐

EQUIPMENT

Already Installed

Required

PUMPS								TANKS					
MANUAL		RESELLER METER				INDUSTRIAL METER		500	1000	2000	3000	4000	
S.	D.	S. Tall	S. Squat	D. Tall	D. Squat	*Class 1	*Class 2						
			1						2		1		
											1		

Product to be used — M/S Super ☒

M/S Standard

Distillate

Kerosine

Approval granted by — County Council

Local Council

Roads Board

WORK REQUIRED BY

1/12/19

Person to Contact re job

Price at which Product to be sold

(for Meter Heads only)

Type of electric current available

Necessary alterations to switchboard: YES/NO N/R

Equipment to be consigned to

by ROAD/RAIL

Is a Concrete Slab required over Tank? NO

If required, show dimensions below.

DISTANCES		Type of Country	Surface at Point of Excavation	Type of Building Walls
Tank to Pump	ft.	Sandy	Concrete	Wood
Tank to Fill Point	ft.	Clay	Wood Floor	Iron
Tank to Wall for Air Vent	ft.	Gravel	Asphalt	Brick
Wiring — Pump to nearest entry to Building	ft.	Rock	Earth	
Wiring — Entry to Building to Switchboard	ft.			

SKETCH OF PROPOSED INSTALLATION — SHOW SCALE

Liquid seal in 1 x 13,620 litre

U/G tank as per drawing No. 127290.

Tank to be installed as per Shell Company's specification No. 016.

1 x 1000 HOLED TO BE
REMOVED & REPLACED
BY 1 x 16500 U/GEXISTING 2 x 1000 U/G.
1 x 3000 U/G.

S/E PUMP

GATE HOUSE





35-005234

ACN 004 050 828

PLEASE ADVISE IF THERE WERE ANY TECHNICAL PROBLEMS WITH RECEIPT
OF THIS MESSAGE

ADDRESS: 160 Burwood Road
CONCORD NSW 2137
(Private Bag No. 2
EPPING NSW 2121)

TELEPHONE: (61) (02) 9747 9400

FACSIMILE: (61) (02) 9747 9600

REF: 015

TO: Dangerous Goods Licensing
Scientific Services Branch

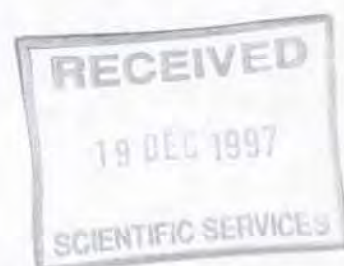
FROM: John Curtis - Works Manager

DATE: 19 December 1997

SUBJECT: ABANDONMENT OF UNDERGROUND TANKS

FAX NO: 9370 6105

NO. OF PAGES: 1



Dear Sir/Madam,

Thank you for your fax dated 4 December 1997 concerning underground tanks at this factory.

We have searched our records and can only find limited reference to the abandonment of tanks. We have established that Gilbarco may well have carried out the work connected with the abandonment.

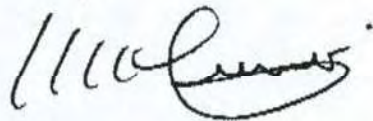
Gilbarco have carried out two (2) searches of their archives, without success. Unilever's archives are in the process of being moved from these premises to another. At the first opportunity we will search for them.

Meanwhile, I note from your fax that you received notification in December 1993 that four (4) tanks were abandoned. From your records does the letter(s) notify you of the intention to abandon the tanks indicate anything that would assist us in our searches. Could we also have a copy of the certificate(s) that you do have. Any or all of this information could assist us and any contractors involved in the abandonment.

Incidentally, are we sure that four (4) underground tanks existed in October 1993? One of the tanks while below Burwood Road street level was not buried and may have been classified as above ground in the certificate.

We would be grateful for any assistance.

Yours faithfully

A handwritten signature in dark ink, appearing to read 'John M. Curtis', written in a cursive style.

JOHN M. CURTIS
Works Manager

2



FAX



TO John Curtis
Unilever Australia P/L

FAX 9747 9600

**NUMBER OF PAGES
INCLUDING THIS ONE** 2

FROM Dangerous Goods Licensing
SCIENTIFIC SERVICES BRANCH

FAX 9370 6105

PHONE 9370 5187

DATE 04/12/97

RE: ABANDONMENT OF UNDERGROUND TANKS.
PREMISES: 160 Burwood Rd, Concord.

I refer to the underground tanks at the above-mentioned premises.

On our records, there were 4 underground tanks at site previously. In December 1993, advice has been received that the 4 underground tanks have been abandoned.

The contractor's certificate which was received in October 1993 only showed the abandonment of 2 underground tanks with capacity of 6,500 litres and 14,200 litres.

Would you please advise the Dangerous Goods Licensing Section of WorkCover, **in writing**, of the method(s) which was / were used to abandoned the other 2 underground tanks, when this work was carried out and by whom. Enclosed is information regarding the requirements for abandoning underground tanks under the Dangerous Goods Regulations.

If you have any queries, please phone Dangerous Goods Licensing staff on 9370 5187.

A handwritten signature in blue ink, appearing to be '107' or a similar stylized mark.

FAX



TO John Curtis
Unilever Australia P/L

FAX 9747 9600

**NUMBER OF PAGES
INCLUDING THIS ONE** 2

FROM Dangerous Goods Licensing
SCIENTIFIC SERVICES BRANCH

FAX 9370 6105

PHONE 9370 5187

DATE 04/12/97

RE: ABANDONMENT OF UNDERGROUND TANKS.
PREMISES: 160 Burwood Rd, Concord.

I refer to the underground tanks at the above-mentioned premises.

On our records, there were 4 underground tanks at site previously. In December 1993, advice has been received that the 4 underground tanks have been abandoned.

The contractor's certificate which was received in October 1993 only showed the abandonment of 2 underground tanks with capacity of 6,500 litres and 14,200 litres.

Would you please advise the Dangerous Goods Licensing Section of WorkCover, **in writing**, of the method(s) which was / were used to abandoned this / these underground tanks, when this work was carried out and by whom. Enclosed is information regarding the requirements for abandoning underground tanks under the Dangerous Goods Regulations.

If you have any queries, please phone Dangerous Goods Licensing staff on 9370 5187.

* * * COMMUNICATION RESULT REPORT (5.DEC.1997 7:23) * * *

TTI SCIENTIFIC SERVICES 93706105

FILE MODE	OPTION	ADDRESS (GROUP)	RESULT	PAGE
361 MEMORY TX		097479600	OK	P. 2/2

REASON FOR ERROR

E-1) HANG UP OR LINE FAIL
E-3) NO ANSWERE-2) BUSY
E-4) NO FACSIMILE CONNECTION**FAX****TO** John Curtis
Unilever Australia P/L**FAX** 9747 9600**NUMBER OF PAGES
INCLUDING THIS ONE** 2**FROM** Dangerous Goods Licensing
SCIENTIFIC SERVICES BRANCH**FAX** 9370 6105**PHONE** 9370 5187**DATE** 04/12/97**RE: ABANDONMENT OF UNDERGROUND TANKS.
PREMISES: 160 Burwood Rd, Concord.**

I refer to the underground tanks at the above-mentioned premises

61 2 9241 2900

KINHILL

Kinhill Pty Ltd

ACN 007 660 317

Price Waterhouse Tower

201 Kent Street

GPO Box 1618 Sydney

New South Wales 2001

Australia

Telephone (02) 9911 0000

Facsimile (02) 9241 2900

FACSIMILE TRANSMISSIONAttention Senior Licensing Clerk - *Attn. Jane Fielding*

Organisation Work Cover Dangerous Goods Section Fax no. 9370 6105

From Chris Hanson

Our ref. SM8003-C1-S010F

Copy to

Number of pages including cover sheet 2

Date 20 November 1997

MESSAGE**Environmental audit for Unilever site - 160 Burwood Road, Concord**

Further to our request dated 19.11.97 for information in regard to the history of Dangerous Goods licenses at 160 Burwood Rd Concord we have been informed of the presence of two underground storage tanks on the site that are not currently in use. The tanks are registered under license no. 35/005 234, expiry date 16.12.97. Could you please forward any information available on these tanks in addition to the details of any other dangerous goods licenses.

As stated in our previous letter, this information is required as a matter of urgency. Your speedy attention to this request would be appreciated.

Please fax the information to Lynette Coleman on (02) 9241 2900 or if you have any questions relating to the request contact her on (02) 9911 0107.



Chris Hanson

Project Co-ordinator

FAXED
20/11/97**RECEIVED**
26 NOV 1997
SCIENTIFIC SERVICES

P:\SM\SM8003\C1\CI_F010.DOC

A member of

**Brown & Root** Engineering and Construction

This facsimile may contain privileged or confidential information and is intended for the addressee only. Any unauthorised use of this information is prohibited. If you have received this facsimile by mistake, please immediately telephone us (reverse charges). Thank you.



Unilever

20-22 Cambridge Street Epping New South Wales 2121
Telephone (02) 9869 6400 Telex 20646 Facsimile (02) 9869 6430

19 November 1997

LETTER OF AUTHORITY

TO: Kinhill Pty Limited

This letter authorises Kinhill Pty Limited to make enquiries and conduct searches as necessary for the purposes of carrying out an environmental audit on the facility and land at 160 Burwood Road, Concord.

This authority is given by Unilever Australia Limited on its own behalf and on behalf of its wholly owned subsidiary companies Bushells Pty Limited and Bushells Foods Pty Limited.

Yours faithfully

B. F. JONES
Company Secretary



WORKCOVER TECHSOURCE

400 KENT STREET, SYDNEY NSW 2000
LOCKED BAG 10 CLARENCE STREET, SYDNEY NSW 2000
PHONE: (02) 9370 5912 OR 9370 5773 FACSIMILE: (02) 9370 6120

INVOICE

Attn: Accounts Payable
KINHILL P/L
PRICE WATERHOUSE TOWER
201 KENT STREET
SYDNEY, NSW, 2000

Chris Hanson

Number 629036		Date 24-NOV-97
Page 1 of 1	Purchase Order	
Customer Reference LYNETTE COLEMAN 9911 0107		
Our Reference NANCY TABETA RS/NT 35-005234		
WorkCover Branch SCIENTIFIC SERVICES ADMIN		
Due Date 24-DEC-97	A/C No. 14744	

JOHN CURTIS WORKS Mgr not attended
? two of 9 tanks

PLEASE PAY INVOICE BY DUE DATE.

160 Burwood

(FAX) 9747 9600

Terms: Net 30 days from date of Invoice

Description		Qty	Unit	Unit Price	Ext. Amount
1	FILE SEARCH FOR DG LICENSING INFORMATION FOR 160 BURWOOD RD, CONCORD	1	EA	120.00	120.00
<div><p><i>Gilbarco 4 tanks on plan</i></p><p><i>enhancer 2 abandoned</i></p><p><i>2 left at site</i></p><p><i>is 2 tanks</i></p><p><i>13 620 10</i></p><p><i>15,000 20</i></p><p><i>5,000</i></p><p><i>Chris Hanson</i></p><p><i>99 11 0062</i></p><p><i>still have the 1x16,500</i></p><p><i>1x5,000 removed</i></p></div>					
In countries outside Australia please remit in \$AUD and draw on an Australian Bank					TOTAL DUE 120.00



REMITTANCE ADVICE

Please tear off and send with your remittance to:

WorkCover New South Wales
Locked Bag 10, Clarence Street
Sydney NSW 2000

Customer	KINHILL P/L		
Invoice No.:	629036	Invoice Date	24-NOV-97
A/C No.	14744	Total amount Due:	120.00

Terms: Net 30 days from date of Invoice

new house

John Curtis works with
the old house
handwritten
(L.A.) 1944-1945

**KINHILL****FACSIMILE TRANSMISSION**

Attention Nancy Tabeta

Organisation Work Cover - Dangerous Goods

Fax no. (02) 9370 6105

From Beth Medway

Our ref. SM8003-C1-S18-F

Copy to

Number of pages including cover sheet 1

Date 24 November 1997

KinHill Pty Ltd

ACN 007 660 317

Price Waterhouse Tower

201 Kent Street

GPO Box 1618 Sydney

New South Wales 2001

Australia

Telephone (02) 9911 0000

Facsimile (02) 9241 2900

MESSAGE

Nancy


DUE DILIGENCE AUDIT FOR 160 BURWOOD RD, CONCORD

Further to our phone conversation this fax is to confirm that KinHill agrees to pay \$120.00 for the information obtained from the search relating to Dangerous Goods on the property located at 160 Burwood Rd, Concord. Could you please forward the information by fax to Lynette Coleman on (02) 9241 2900. Could you also include in the fax an invoice for the services provided.

Thanks

Beth Medway
Project Supervisor

P:\SM\SM8003\C1\C1_F018.DOC

A member of  **Brown & Root** Engineering and Construction

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61 2 9241 2900

KINHILL**FACSIMILE TRANSMISSION**

Attention Senior Licensing Clerk

Organisation Work Cover Dangerous Goods Section Fax no. 9370 6105

From Chris Hanson

Our ref. SM8003-C1-S010F

Copy to

Number of pages including cover sheet 2

Date 20 November 1997

Kinchill Pty Ltd

ACN 007 660 317

Price Waterhouse Tower

201 Kent Street

GPO Box 1618 Sydney

New South Wales 2001

Australia

Telephone (02) 9911 0000


Facsimile (02) 9241 2900

MESSAGE**Environmental audit for Unilever site - 160 Burwood Road, Concord**

Further to our request dated 19.11.97 for information in regard to the history of Dangerous Goods licenses at 160 Burwood Rd Concord we have been informed of the presence of two underground storage tanks on the site that are not currently in use. The tanks are registered under license no. 35/005 234, expiry date 16.12.97. Could you please forward any information available on these tanks in addition to the details of any other dangerous goods licenses.

As stated in our previous letter, this information is required as a matter of urgency. Your speedy attention to this request would be appreciated.

Please fax the information to Lynette Coleman on (02) 9241 2900 or if you have any questions relating to the request contact her on (02) 9911 0107.


Chris Hanson

Project Co-ordinator



P:\SM\SM8003\C1\C1_F010.DOC

A member of

**Brown & Root** Engineering and Construction

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61 2 9241 2900



Unilever

20-22 Cambridge Street Fpping New South Wales 2121
Telephone (02) 9869 6400 Telex 20646 Facsimile (02) 9869 6430

19 November 1997

LETTER OF AUTHORITY

TO: Kinhill Pty Limited

This letter authorises Kinhill Pty Limited to make enquiries and conduct searches as necessary for the purposes of carrying out an environmental audit on the facility and land at 160 Burwood Road, Concord.

This authority is given by Unilever Australia Limited on its own behalf and on behalf of its wholly owned subsidiary companies Bushells Pty Limited and Bushells Foods Pty Limited.

Yours faithfully

B. F. JONES
Company Secretary

61 2 9241 2900

KINHILL

Kinhill Pty Ltd

ACN 007 660 317

Price Waterhouse Tower

201 Kent Street

GPO Box 1618

Sydney

New South Wales 2001

Australia

Telephone (02) 9911 0000

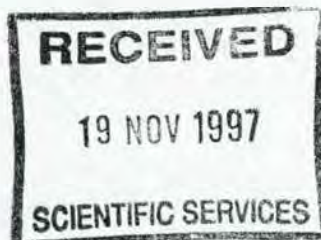
Facsimile (02) 9241 2900

SM8003-C1-8

LC:lc

19 November 1997

Senior Licensing Clerk
Dangerous Goods Section
Work Cover Authority
Level 3
400 Kent Street
SYDNEY NSW 2000



Dear Sir

ENVIRONMENTAL AUDIT FOR UNILEVER SITE LOCATED AT 160
BURWOOD RD, CONCORD.

Kinhill has been appointed to conduct an environmental audit of the Unilever site located at 160 Burwood Rd, Concord. As part of this audit we require information about the history of any Dangerous Goods licences which may have been held for the site. This information is required as a matter of urgency and we would appreciate your speedy attention to this request.

When the information is available could you please fax it to Lynette Coleman on (02) 9241 2900.

If you have any questions relating to this request please contact Lynette Coleman on (02) 9911 0107.

Yours faithfully

Beth Medway
Project Supervisor



61 2 9241 2900

KINHILL

Kinhill Pty Ltd

ACN 007 660 317

Price Waterhouse Tower

201 Kent Street

GPO Box 1618 Sydney

New South Wales 2001

Australia

Telephone (02) 9911 0000

Facsimile (02) 9241 2900

FACSIMILE TRANSMISSIONAttention **Senior Licensing Clerk**Organisation **Work Cover Authority**Fax no. **9370 6105**From **Lynette Coleman**Our ref. **SM8003-C1-S8-F**

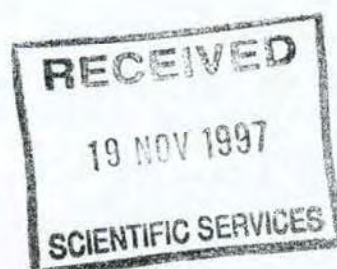
Copy to

Number of pages including cover sheet **2**Date **19 November 1997****MESSAGE**

Dear Sir

Please find attached a letter requesting an historical search of any Dangerous Goods Licenses for a Unilever site located at 160 Burwood Rd, Concord.

Regards



(No Filename Assigned)

A member of

**Brown & Root Engineering and Construction**

This facsimile may contain privileged or confidential information and is intended for the addressee only. Any unauthorised use of this information is prohibited. If you have received this facsimile by mistake, please immediately telephone us (reverse charges). Thank you.

FAX



TO Lynette Coleman

FAX 9241 2900

NUMBER OF PAGES
INCLUDING THIS ONE 2

FROM

Nancy Tabeta

FAX 02 9370 6105

PHONE 9370 5187

DATE 25/11/97

Re: 160 Burwood Rd, Concord.

Please accept attached, the only drawing (sketch)
on file: which shows the underground tanks.

I Apologise for not include the sketch yesterday.

thank you
N7.

PRIVACY AND CONFIDENTIALITY NOTICE:

THE INFORMATION CONTAINED IN THIS FACSIMILE IS INTENDED FOR THE NAMED RECIPIENT(S) ONLY AND MAY CONTAIN PRIVILEGED AND CONFIDENTIAL INFORMATION AND IF YOU ARE NOT THE INTENDED RECIPIENT, YOU MUST NOT COPY, DISTRIBUTE OR TAKE ANY ACTION IN RELIANCE. IF YOU HAVE RECEIVED THIS FACSIMILE IN ERROR, PLEASE NOTIFY THE SENDER IMMEDIATELY BY TELEPHONE AND IF REQUESTED FORWARD THE ORIGINAL TO THE SENDER BY MAIL.

FAX



TO *LYNETTE COLEMAN*

FAX *9241 2900*

NUMBER OF PAGES
INCLUDING THIS ONE *11*

FROM *NANCY TABETA*

FAX 02 9370 6105

PHONE

DATE *24 NOV 97*

*PLS FIND ENCLOSED THE FOLLOWING LETTER AND
PAGES.*

REGARDS NANCY

*Fax
9241 2900*

PRIVACY AND CONFIDENTIALITY NOTICE:

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Reference

SCIENTIFIC SERVICES BRANCH

Dangerous Goods Licensing
ph. (02) 9370 5187 fax (02) 9370 6105



Attn: Ms Lynette Coleman
Kinhill P/L
Price Waterhouse Tower
201 Kent St
SYDNEY NSW 2000

24 November 1997

Dear Ms Coleman

REQUEST FOR INFORMATION ON LICENCES TO KEEP DANGEROUS GOODS PREMISES at 160 Burwood Rd, Concord.

I refer to your fax of 20 November 1997 requesting information on Licences to Keep Dangerous Goods for a site at 160 Burwood Rd, Concord.

Enclosed are copies of the documents which WorkCover holds on Dangerous Goods Licence file 35/005234 relating to the 4 underground tanks at 160 Burwood Rd, Concord and details of other dangerous goods storage.

WorkCover has information to indicate that these tanks have been abandoned (1 removed and copy of contractor's certificate for abandoning the other 3 tanks attached).

An invoice for this information will be forwarded separately.

If you have any further queries, please contact WorkCover's Dangerous Goods Licensing staff ☎ (02) 9370 5187 or Chemical Safety Unit ☎ (02) 9370 5210.

Yours faithfully

A handwritten signature in blue ink, appearing to read 'Nancy Tabeta'.

Nancy Tabeta
A/Senior Licensing Clerk, Dangerous Goods
encs.

* * * TRANSMISSION RESULT REPORT (24.NOV.1997 12:22) * * *

TTI SCIENTIFIC SERVICES 93706105

DATE	TIME	ADDRESS	MODE	TIME	PAGE	RESULT	PERS. NAME	FILE
24.NOV.	12:19	61 2 92412900	TES	3'41"	P.11	OK		062

BATCH
M : MEMORY
S : STANDARDC : CONFIDENTIAL
L : SEND LATER
D : DETAIL\$: TRANSFER
@ : FORWARDING
F : FINEP : POLLING
E : ECM
> : REDUCTION

WORKCOVER NEW SOUTH WALES

DETAILS OF LICENCE FOR KEEPING DANGEROUS GOODS ON 21 NOVEMBER 1997

Licence Number 35/005234

Expiry Date 16/12/97

Licensee Details

Licensee UNILEVER AUSTRALIA P/L ACN 004 050 828

Trading name UNIFOODS DIVISION

Postal Address PRIVATE BAG 2 P O, EPPING 2121

Licensee Contact Tom Flynn Ph. 747 9400 Fax. 747 9600

Site Details

Premises Licensed to Keep Dangerous Goods

160 BURWOOD RD
CONCORD 2137

Nature of Site Food Manufacturing NEC Supplier VARIOUS

Emergency Contact John Curtis / Tom Flynn ph. 747 9400

Site staffing 24 hrs 7 days

Details of Depots

Depot No.	Depot Type	Goods Stored in Depot	Qty
1	ABOVE-GROUND TANK	Class 2.1 UN 1075 PETROLEUM GASES, LIQUE	4200 L 2100 L
2	CYLINDER STORE	Class 2.1 UN 1075 PETROLEUM GASES, LIQUE	300 L 150 L
3	ABOVE-GROUND TANK	Class 8 UN 1824 SODIUM HYDROXIDE SOLUT	1500 L 1500 L
4	ABOVE-GROUND TANK	Class 2.2 UN 1977 NITROGEN, REFRIGERATED	2500 L 2000 L
5	ABOVE-GROUND TANK	Class 2.2 UN 1977 NITROGEN, REFRIGERATED	2500 L 2000 L
6	ABOVE-GROUND TANK	Class 8 UN 1824 SODIUM HYDROXIDE SOLUT	2500 L 2500 L
7	ABOVE-GROUND TANK	Class 8 UN 1824 SODIUM HYDROXIDE SOLUT	2000 L 2000 L
8	ABOVE-GROUND TANK	Class 8 UN 1824 SODIUM HYDROXIDE SOLUT	2000 L 2000 L

0/R **WORKCOVER AUTHORITY** **DANGEROUS GOODS ACT, 1975**

LICENCE No.

35

5234

**SCIENTIFIC SERVICES
BRANCH**

- 7 MAY 1992

**DANGEROUS
GOODS**

 APPLICATION FOR LICENCE (or AMENDMENT or TRANSFER of LICENCE)*
 FOR THE KEEPING OF DANGEROUS GOODS

(* Delete whichever is not required)

Mur 9/ plan no = 379

Name of Applicant in full (see Item 1 - Explanatory notes - page 4)	UNILEVER AUSTRALIA LIMITED		
Trading name or occupier's name (if any)	UNIFOODS PTY. LTD		
Postal Address	P.O. BOX 162, CONCORD, N.S.W.	Postcode	2137
Address of the premises to be licensed. (Including Street No.)	160 BURWOOD ROAD, CONCORD, N.S.W.	Postcode	2137
Nature of premises (See Item 2 - Explanatory notes - page 4)	FOOD PROCESSING MANUFACTURING PLANT		
Telephone number of applicant	STD Code (02)	Number	747-9400

Particulars of type of depots and maximum quantities of dangerous goods to be kept at any one time.

Depot number	Type of depot (See Item 3 - Explanatory notes - page 4)	Storage capacity	Dangerous goods	C & C Office use only
			Product being stored	
			<i>DD Add 010</i>	
1	Underground Tank	10,000 Litres	Flammable Liquids/Class 3	
2	Underground Tank	20,000 "	Flammable Liquids/Class 3	
3	Underground Tank	5,000 "	Flammable Liquids/Class 3	
4	Underground Tank	5,000 "	Flammable Liquids/Class 3	
5	Aboveground Tank	5,000 "	Flammable Gases/Class 2.1	
6	Roofed Store	300 "	Flammable Liquids/Class 3	
7	Roofed Store	300 "	Flammable Liquids/Class 3	
8	<i>Cylinder</i> Roofed Store	300 "	LPG Cylinder Store/Class 2-1	100.007.300 L
9	Aboveground Tank	2,500 "	Non Flammable Gaseous/Class 2-2 Nitrogen	044.001.25x2
10	Aboveground Tank	2,500 "	Non Flammable Gaseous/Class 2-2	044.001.25x2
11			DATA	
12			- 6 AUG 1992	

Has site plan been approved by the Dangerous Goods Branch?

 Yes
 No

If yes, no plans required

If no, please attach site plan, or provide sketch plan overleaf, which has been checked by an accredited consultant

Have premises previously been licensed?

 Yes
 No

If yes, state name of previous occupier, and licence No. (if known)

UNILEVER AUST. LTD, UNIFOODS DIV. 35005234

Name of oil company supplying flammable liquid (if applicable).

Signature of applicant

Date 4.5.92

For external explosives magazine(s), please fill in page 3.

 CRAIG ABRAHAM
 (PLANT ENGINEER)

FOR OFFICE USE ONLY

CERTIFICATE OF INSPECTION

I, being an Inspector under the Dangerous Goods Act, 1975, do hereby certify that the premises described above do comply with the requirements of the Dangerous Goods Act, 1975, and the Dangerous Goods Regulation with regard to their situation and construction for the keeping of dangerous goods of the nature and in the quantity specified.

Signature of Inspector.....

Date.....

WORKCOVER AUTHORITY **DANGEROUS GOODS ACT, 1975**

LICENCE No.

35 -

005234

APPLICATION FOR LICENCE (or AMENDMENT or TRANSFER of LICENCE)
 FOR THE KEEPING OF DANGEROUS GOODS



MAR 91

Name of Applicant in full (see Item 1 - Explanatory notes - page 4)	NF UNILEVER AUSTRALIA PTY LTD		
Trading name or occupier's name (if any)	TF UNIFOODS PTY LTD		
Postal Address	F		Postcode
Address of the premises to be licensed. (Including Street No.)	PF 160 BURWOOD ROAD	PP CONCORD NSW	Postcode 2137
Nature of premises (See Item 2 - Explanatory notes - page 4)	FOOD PROCESSING MANUFACTURING PLANT		
Telephone number of applicant	STD Code X 02	Number	747 9400

Particulars of type of depots and maximum quantities of dangerous goods to be kept at any one time.

Depot number	Type of depot (See Item 3 - Explanatory notes - page 4)	Storage capacity	Dangerous goods	C & C Office use only Add 8
			Product being stored	
1	UNDERGROUND TANK	10,000 LITRES	CLASS 3 FLAMM LIQUID	
2	" "	20,000 "	" 3 " "	
3	" "	5,000 "	" 3 " "	
4	" "	5,000 "	" 3 " "	
5	ABOVEGROUND TANK	5,000 "	" 2.1 LPG	
6	ROOFED STORE	300 "	" 3 FLAMM LIQUID	
7	" "	300 "	" 3 " "	
8	Cylinder	300 "	" 2.1 LPG CYLINDER-	100.007.300 L
9			STORE	
10				
11				
12				

Has site plan been approved by the Dangerous Goods Branch?

Yes
~~No~~

If yes, no plans required.

If no, please attach site plan, or provide sketch plan overleaf. which has been checked by an accredited consultant

Have premises previously been licensed?

Yes
~~No~~

If, yes, state name of previous occupier, and licence No. (if known)

BUSHILLS PTY LTD 35/005234

Name of oil company supplying flammable liquid (if applicable).

Signature of applicant.....

Date

18/3/92

For external explosives magazine(s), please fill in page 3.

CRAIG ABRAHAM (PLANT ENGINEER)

FOR OFFICE USE ONLY

CERTIFICATE OF INSPECTION

I, being an Inspector under the Dangerous Goods Act, 1975, do hereby certify that the premises described above do comply with the requirements of the Dangerous Goods Act, 1975, and the Dangerous Goods Regulation with regard to their situation and construction for the keeping of dangerous goods of the nature and in the quantity specified.

Signature of Inspector.....

Date.....

(1)

APPLICATION FOR LICENCE (or AMENDMENT or TRANSFER of LICENCE)*
FOR THE KEEPING OF DANGEROUS GOODS

Enclosed is the fee of \$ 15

(* delete whichever is not required)

FEE: \$15.00 per Depot for new licence.

\$15.00 for amendment or transfer. ✓

Name of Applicant in full (see Item 1 - Explanatory notes - page 4)	BUSHBILLS P/L		
Trading name or occupier's name (if any)			
Postal Address	P.O. BOX 162 CONCORD	Postcode 2137	
Address of the premises to be licensed. (Including Street No.)	160 BURWOOD RD. CONCORD	Postcode 2137	
Nature of premises (See Item 2 - Explanatory notes - page 4)	FACTORY		
Telephone number of applicant	STD Code 02	Number 7450044	

Particulars of type of depots and maximum quantities of dangerous goods to be kept at any one time.

Depot number	Type of depot (See item 3 - Explanatory notes - page 4)	Storage capacity	Dangerous goods		C & C Office use only
			Product being stored		
1	Underground tank	13 620	350052341	100	0071206
2	"	15000	209011 18/02/87 CHQ		2 02014
3	"	5000	3.1		2 02024
4	"	5000	3.1		2 02053
5	Aboveground "	4575	2.1	L.P. Gas.	2 02053
6	Recessed Storage	250 L	3.1	Various	1 10053
7	"	250 L	3.1		6 02032
8					6 02020
9					
10					
11					
12					

DATA ENTERED
26 FEB 1987
OPERATOR THREE

DATA ENTERED
26 FEB 1987
OPERATOR THREE

Has site plan been approved by the Dangerous Goods Branch? Yes ☒ No ☐ If yes, no plans required. If no, please attach site plan, or provide sketch plan overleaf.

Have premises previously been licensed? Yes ☒ No ☐ If yes, state name of previous occupier, and licence No. (if known).

Name of oil company supplying flammable liquid (if applicable). Various

Signature of applicant K. Butler Date 12.2.87

For external explosives magazine(s), please fill in page 3.

FOR OFFICE USE ONLY

CERTIFICATE OF INSPECTION

I, Richard Chilvers being an Inspector under the Dangerous Goods Act, 1975, do hereby certify that the premises described above do comply with the requirements of the Dangerous Goods Act, 1975, and the Dangerous Goods Regulation with regard to their situation and construction for the keeping of dangerous goods of the nature and in the quantity specified.

Signature of Inspector R. ChilversDate 12.3.87

LICENCE No. 35005234.1

DANGEROUS GOODS ACT, 1975

APPLICATION FOR LICENCE (or AMENDMENT or TRANSFER of LICENCE) FOR THE KEEPING OF DANGEROUS GOODS

Application is hereby made for—
 *a licence (or amendment of the licence) for the keeping of dangerous goods in or on the premises described below.
 *the transfer of the licence

(*delete whichever is not required)

FEE: \$10.00 per Depot

9400 2/05/80 03A

Name of Applicant in full
(see over)Surname BUSHILLS P/L Given Names _____Trading name or occupier's
name (if any)

AS ABOVE

Postal address

P.O. Box 162 CONCORD

Postcode 2137

Telephone number of applicant

STD Code

Number

Address of the premises in or on
which the depot or depots are
situated (including street
number, if any)

160 BURNWOOD RD CONCORD

Postcode 2137

Nature of premises (see over)

manufacturers + warehouse

PLEASE ATTACH SITE PLAN

Particulars of type of depots and maximum quantities of dangerous goods to be kept at any one time.

Depot number	Type of depot (see over)	Storage capacity	Dangerous goods	
			Product being stored	
				006.120.8 C & C Office use only
1	rooftop package stor	4000 litres	Flammable liquids	3.6.020.43
2	underground tank	13620	petrol	3.1.2.020.14
3	"	15000	"	2.020.24
4	"	5000	"	2.020.53
5	"	5000	"	2.020.53
6	aboveground tank	4575	LDG	2.1.1.100.53
7				
8				
9				
10				
11				
12				

Name of company supplying flammable liquid (if any)

Shell

Have premises previously been licensed?

Yes

If known, state name of previous occupier

as above

Licence No. 35005234.1

Signature of applicant

X

D. J. Murphy

Date

23/5/75

For external explosives magazine(s), please fill in side 2.

Production Director

LICENCE No.

FOR OFFICE USE ONLY

CERTIFICATE OF INSPECTION

I, William A. Machon being an Inspector under the Dangerous Goods Act, 1975, do hereby certify that the premises described above do comply with the requirements of the Dangerous Goods Act, 1975, and the Dangerous Goods Regulation with regard to their situation and construction for the keeping of dangerous goods of the nature and in the quantity specified.

Signature of Inspector

W. A. Machon

Date 23.5.80



FORM B

INFLAMMABLE LIQUID ACT, 1915

APPLICATION FOR:

REGISTRATION OF PREMISES
STORE LICENCE
AMENDMENT TO REGISTRATION OR LICENCEFOR THE KEEPING OF
INFLAMMABLE LIQUID
AND/OR DANGEROUS GOODS.

3

Name of Occupier in full	BUSHELLS PTY. LIMITED (Surname/s)	(First Names in full)
Trading Name (if any)	BUSHELLS PTY. LIMITED	
Postal Address	P.O. Box 120, CONCORD	Postcode 2137
Address of the premises in which the depot or depots are situated	160 BURWOOD ROAD, CONCORD. N.S.W.	Postcode 2137
Occupation	TEA AND COFFEE MERCHANTS	
Nature of Premises	MANUFACTURING AND WAREHOUSING	

Particulars of construction of depots and maximum quantities of inflammable liquid and/or dangerous goods at any one time.

~~PLEASE SKETCH SITE ON BACK OR ATTACH PLAN~~

Tank or Depot Number	Construction of depots *			Inflammable Liquid		Dangerous Goods					
	Walls	Roof	Floor	Mineral spirit litres	Mineral oil litres	Class 1 litres	Class 2 litres	Class 3 kg	Class 4 m ³	Class 5A* litres	Class 5B* litres
1	Brick	Concrete	Concrete		4000						
2	Underground	tank		13620							
3				15000							
4				5000							
5				5000							
6	Aboveground									37500	
7										11575	
8											
9											
10											
TOTAL									CHQ	4.00 (A)	

If kept in tanks describe depots as underground or aboveground tanks.

Insert water capacity of tanks or cylinders.

Name of Company supplying inflammable liquid

Shell

Have premises previously been licensed?

Yes

Licence No.

5234-3

If known, state name of previous occupier

as above

Signature of applicant

T. G. Jones
T. G. Jones

Date

30.6.77

FOR OFFICE USE ONLY:

CERTIFICATE OF INSPECTION

John E. Brooks being an Inspector under the Inflammable Liquid Act, 1915, do hereby certify that the premises or store described above does comply with the requirements of that Act and regulations with regard to its situation and construction for the keeping of inflammable liquid and/or dangerous goods in quantity and nature specified.

Signature of Inspector

Date

29-6-77

Dangerous Goods Branch
Box 846, P.O.
DARLINGHURST 2010
(6th Floor, 1 Oxford
Street, Sydney)

CHQ. 8046

P.T.O.

DEPARTMENT OF LABOUR AND INDUSTRY

INFLAMMABLE LIQUID ACT, 1915

LICENCE No. 5234

APPLICANT FOR:

REGISTRATION OF PREMISES
STORE LICENCE
AMENDMENT TO REGISTRATION OR LICENCEB.
FOR THE KEEPING OF
INFLAMMABLE LIQUID
AND/OR DANGEROUS GOODS.

Name of Occupier

Bushells Pty. Ltd.
(Surname)

(First Names)

Trading Name (if any)

As above

Postal Address

P.O. Box 162 Concord

2137
PostcodeAddress of the
premises in which the
depot or depots are
situated

160 Burwood Road Concord

2137
Postcode

Occupation

Manufacturer

Nature of Premises

Factory & Offices

Particulars of construction of depots and maximum quantities of inflammable liquid and/or dangerous goods
at any one time.

Amendment

PLEASE SKETCH SITE ON BACK OR ATTACH PLAN

Depot No.	Construction of depots *			Inflammable Liquid		Dangerous Goods						
	Walls	Roof	Floor	Mineral spirit litres	Mineral oil litres	Class 1 litres	Class 2 litres	Class 3 kg	Class 4 m ³	Class 5A# litres	Class 5B# litres	Class 9 litres
1	Brick	Concrete	Concrete		4000							
2	Underground	Tank		15000								
3	✓		✓	5000								
4	✓		✓	5000								
5	✓		✓	5000								
6	Aboveground		✓							37500		
7	✓		✓							4575		
8												
9												
0												
TOTAL												

* If kept in tanks describe depots as underground or aboveground tanks.

Insert water capacity of tanks or cylinders.

Name of Company supplying inflammable liquid ShellHave premises previously been licensed? Yes B5234(3)

If known, state name of previous occupier

Signature of applicant

D. F. Murphy.

Date

26/8/1975

Manager - Concord Division.

CERTIFICATE OF INSPECTION

I, William A. Machon being an Inspector under the
Inflammable Liquid Act, 1915, do hereby certify that the premises or store described above does comply with the
requirements of that Act and regulations with regard to its situation and construction for the keeping of inflammable
liquid and/or dangerous goods in quantity and nature specified.

Signature of Inspector

Date

William A. Machon
26-8-1975

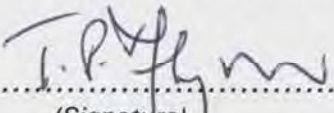


Reference

APPLICATION FOR RENEWAL OF LICENCE TO KEEP DANGEROUS GOODS

ISSUED UNDER AND SUBJECT TO THE PROVISIONS OF THE DANGEROUS GOODS ACT, 1975 AND REGULATION THEREUNDER

DECLARATION: *Please renew licence number 35/005234 to 1997. I confirm that all the licence details shown below are correct (amend if necessary).*


 THOMAS P. FLYNN
 29/11/96
 (Signature) (Please print name) (Date signed)
 for: UNILEVER AUSTRALIA P/L

THIS SIGNED DECLARATION SHOULD BE RETURNED TO:

WorkCover New South Wales
Dangerous Goods Licensing Section (Level 3)
Locked Bag 10
P O CLARENCE STREET 2000

Details of licence on 1 November 1996

Licence Number 35/005234 Expiry Date 16/12/96
 Licensee UNILEVER AUSTRALIA P/L ACN 004 050 828
 UNIFOODS DIVISION
 Postal Address PRIVATE BAG 2 P O, EPPING 2121
 Licensee Contact Tom Flynn Ph. 747 9400 Fax. 747 9600
 Premises Licensed to Keep Dangerous Goods
 160 BURWOOD RD
 CONCORD 2137



Nature of Site Food Manufacturing NEC **Major Supplier of Dangerous Goods** VARIOUS

Emergency Contact for this Site ~~Jim Begnell~~ / Tom Flynn ph. 747 9400

Site staffing 24 hrs 7 days

John Curtis

Details of Depots

Depot No.	Depot Type	Goods Stored in Depot	Qty
1	ABOVE-GROUND TANK	Class 2.1 UN 1075 PETROLEUM GASES, LIQUE	4200 L 2100 L
2	CYLINDER STORE	Class 2.1 UN 1075 PETROLEUM GASES, LIQUE	300 L 150 L
3	ABOVE-GROUND TANK	Class 8 UN 1824 SODIUM HYDROXIDE SOLUT	1500 L 1500 L
4	ABOVE-GROUND TANK	Class 2.2 UN 1977 NITROGEN, REFRIGERATED	2500 L 2000 L
5	ABOVE-GROUND TANK	Class 2.2 UN 1977 NITROGEN, REFRIGERATED	2500 L 2000 L
6	ABOVE-GROUND TANK	Class 8	2500 L



Licences are issued, for a specified site, if control of a site is transferred (by way of sale or lease or otherwise), the person who held the licence concerned immediately before the transfer must, within 7 days after the transfer, notify the Chief Inspector. This notification must be in writing and must specify the date on which the transfer was effected and the name and address of the transferee.

Dangerous Goods are divided into classes and an explanation is shown below. Certain dangerous goods may be kept without a licence, providing the quantity of the goods does not exceed the amount specified in the exemptions listed below.

EXPLANATION OF DANGEROUS GOODS AND THEIR CLASSES

- 1.1 Blasting explosives (including detonators).
- 1.4 Safety cartridges
- 2.1 Flammable gases (e.g. L.P.Gas, acetylene).
- 2.2 Non flammable, non toxic gases (e.g. liquid oxygen, liquid nitrogen).
- 2.3 Poisonous Gases (e.g. chlorine, anhydrous ammonia)
- 3 Flammable liquids (e.g. any or all of petrol, kerosene, solvents, methylated spirits).
- C1 *Combustible liquids (e.g. distillate, diesel fuel, heating oil).*
- 4 Flammable solids (e.g. nitro cellulose, sodium metal, calcium carbide).
- 5.1 Oxidising substances (e.g. pool chlorine, ammonium nitrate).
- 5.2 Organic peroxides (e.g. dibenzoyl peroxide)
- 6.1 (a) Poisons (e.g. sodium cyanide, some pesticides);
(b) Harmful substances (e.g. sodium fluorosilicate, some pesticides).
- 6.2 Infectious substances
- 7 Radioactive substances (storage of Class 7 is NOT covered by the Dangerous Goods Act, 1975).
- 8 Corrosives (e.g. hydrochloric acid, sulphuric acid, sodium hydroxide, sodium hypochlorite).

EXEMPTIONS FROM LICENCE

- 1. *Acetylene*: Storage of 60 cu.m or less of acetylene per premises (i.e. up to and including 8 x "G" class cylinders, the most common size of acetylene cylinder).
- 2. *Class C1-Distillate, Diesel Fuel, Heating Oil*: Storage of 50,000 litres or less per tank.
- 3. *Petrol and other class 3 packaging group I & II dangerous goods* : Storage of 100 litres or less per premises.
- 4. *Kerosene and other class 3 packaging group III dangerous goods* : Storage of 1,000 litres or less per premises when stored aboveground.
- 5. *Class 6 - Poisonous Substances* : Packaging group I not more than 10L/kg, packaging group II not more than 100L/kg, packaging group III not more than 1000L/kg,
- 6. *Class 8 - Corrosive Substances* : Packaging group I not more than 50L/kg, packaging group II not more than 500L/kg, packaging group III not more than 1000L/kg,

Please contact the WorkCover Authority ☎ (02) 370 5187 for further exemptions.

OTHER WORKCOVER AUTHORITY OFFICES - Advice on Dangerous Goods* can also be obtained from the following offices.

	☎		☎
GOSFORD	(043) 24 3384	HURSTVILLE	(02) 598 3366
NEWCASTLE	(049) 21 2900	LINDFIELD	(02) 936 3000
ORANGE	(063) 61 7070	LIVERPOOL	(02) 827 8600
PORT MACQUARIE	(065) 84 1188	PARRAMATTA	(02) 841 8550
WAGGA WAGGA	(069) 21 8766		
WOLLONGONG	(042) 22 7333		

* Dangerous Goods licensing enquiries to Scientific Services Branch ☎ (02) 370 5187

Reference

APPLICATION FOR RENEWAL OF LICENCE TO KEEP DANGEROUS GOODS

ISSUED UNDER AND SUBJECT TO THE PROVISIONS OF THE DANGEROUS GOODS ACT, 1975 AND REGULATION THEREUNDER

		UN 1824 SODIUM HYDROXIDE SOLUT	2500 L
7	ABOVE-GROUND TANK	Class 8	2000 L
		UN 1824 SODIUM HYDROXIDE SOLUT	2000 L
8	ABOVE-GROUND TANK	Class 8	2000 L
		UN 1824 SODIUM HYDROXIDE SOLUT	2000 L

Licences are issued, for a specified site, if control of a site is transferred (by way of sale or lease or otherwise), the person who held the licence concerned immediately before the transfer must, within 7 days after the transfer, notify the Chief Inspector. This notification must be in writing and must specify the date on which the transfer was effected and the name and address of the transferee.

Dangerous Goods are divided into classes and an explanation is shown below. Certain dangerous goods may be kept without a licence, providing the quantity of the goods does not exceed the amount specified in the exemptions listed below.

EXPLANATION OF DANGEROUS GOODS AND THEIR CLASSES

- 1.1 Blasting explosives (including detonators).
- 1.4 Safety cartridges
- 2.1 Flammable gases (e.g. L.P.Gas, acetylene).
- 2.2 Non flammable, non toxic gases (e.g. liquid oxygen, liquid nitrogen).
- 2.3 Poisonous Gases (e.g. chlorine, anhydrous ammonia)
- 3 Flammable liquids (e.g. any or all of petrol, kerosene, solvents, methylated spirits).
- C1 *Combustible liquids (e.g. distillate, diesel fuel, heating oil).*
- 4 Flammable solids (e.g. nitro cellulose, sodium metal, calcium carbide).
- 5.1 Oxidising substances (e.g. pool chlorine, ammonium nitrate).
- 5.2 Organic peroxides (e.g. dibenzoyl peroxide)
- 6.1 (a) Poisons (e.g. sodium cyanide, some pesticides);
(b) Harmful substances (e.g. sodium fluorosilicate, some pesticides).
- 6.2 Infectious substances
- 7 Radioactive substances (storage of Class 7 is NOT covered by the Dangerous Goods Act, 1975).
- 8 Corrosives (e.g. hydrochloric acid, sulphuric acid, sodium hydroxide, sodium hypochlorite).

EXEMPTIONS FROM LICENCE

- 1. *Acetylene*: Storage of 60 cu.m or less of acetylene per premises (i.e. up to and including 8 x "G" class cylinders, the most common size of acetylene cylinder).
- 2. *Class C1-Distillate, Diesel Fuel, Heating Oil*: Storage of 50,000 litres or less per tank.
- 3. *Petrol and other class 3 packaging group I & II dangerous goods* : Storage of 100 litres or less per premises.
- 4. *Kerosene and other class 3 packaging group III dangerous goods* : Storage of 1,000 litres or less per premises when stored aboveground.
- 5. *Class 6 - Poisonous Substances* : Packaging group I not more than 10L/kg, packaging group II not more than 100L/kg, packaging group III not more than 1000L/kg,
- 6. *Class 8 - Corrosive Substances* : Packaging group I not more than 50L/kg, packaging group II not more than 500L/kg, packaging group III not more than 1000L/kg.

Please contact the WorkCover Authority ☎ (02) 370 5187 for further exemptions.

OTHER WORKCOVER AUTHORITY OFFICES - Advice on Dangerous Goods* can also be obtained from the following offices.

	☎		☎
GOSFORD	(043) 24 3384	HURSTVILLE	(02) 598 3366
NEWCASTLE	(049) 21 2900	LINDFIELD	(02) 936 3000
ORANGE	(063) 61 7070	LIVERPOOL	(02) 827 8600
PORT MACQUARIE	(065) 84 1188	PARRAMATTA	(02) 841 8550
WAGGA WAGGA	(069) 21 8766		
WOLLONGONG	(042) 22 7333		

* Dangerous Goods licensing enquiries to Scientific Services Branch ☎ (02) 370 5187

Application for Licence to Keep Dangerous Goods



Application for ☐ new licence ☒ amendment ☐ transfer ☒ renewal of expired licence

Expiry: 16.12.96

PART A - Applicant and site information

1 Name of applicant ACN
☒ UNILEVER AUSTRALIA PTY LTD - UNIFOODS DIVISION 004 050 828

2 Postal address of applicant Suburb/Town Postcode
PRIVATE BAG 2 EPPING NSW 2121

Trading name or site occupier's name
UNILEVER AUSTRALIA PTY LTD UNIFOODS DIVISION

4 Contact for licence inquiries
Phone Fax Name
(02) 747 9400 (02) 747 9600 TOM FLYNN

5 Previous licence number (if known) 35/ 005 234

6 Previous occupier (if known) -

7 Site to be licensed
No Street
160 BURWOOD ROAD

Suburb / Town Postcode
CONCORD N.S.W. 2137

8 Main business of site COFFEE MANUFACTURING & 2179.

9 Site staffing: Hours per day 24 Days per week 7

10 Emergency contact
Phone Name
(02) 747 9400 SIM BEGNELL TOM FLYNN

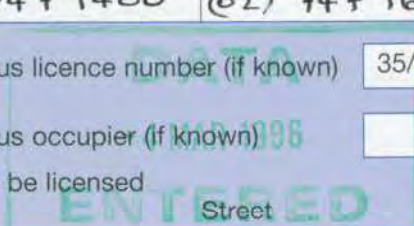
11 Major supplier of dangerous goods ELGAS, CIG, LEVER INDUSTRIAL

12 If a new site or for amendments to depots
Plan stamped by: Name of Accredited Consultant Date stamped
ROSS UNDERWOOD 23/8/94

I certify that the details in this application (including any accompanying computer disk) are correct and cover all licensable quantities of dangerous goods kept on the premises.

13 Signature of applicant Date
T.P. Flynn 8/12/95 - MAR 1996

Please send your application, marked **CONFIDENTIAL**, to:
**Dangerous Goods Licensing, Level 3, Locked Bag 10, Clarence Street,
SYDNEY NSW 2000**

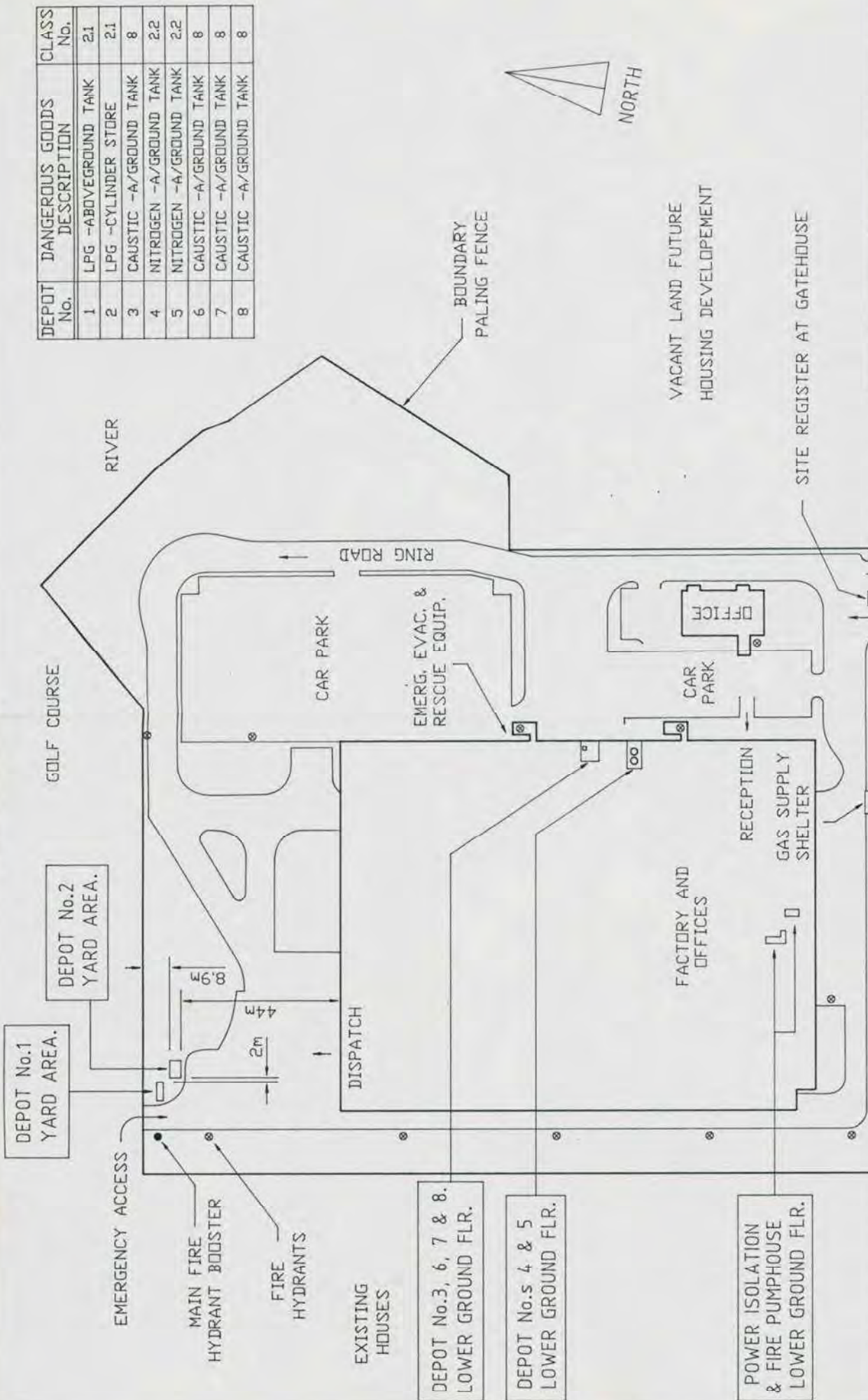


PART B

Site Sketch Please carefully read the instructions on page 3 of the guide before sketching the site.

SEE ATTACHED DRAWING.

35-005234



DEPOT No.	DANGEROUS GOODS DESCRIPTION	CLASS No.
1	LPG -ABOVEGROUND TANK	2.1
2	LPG -CYLINDER STORE	2.1
3	CAUSTIC -A/GROUND TANK	8
4	NITROGEN -A/GROUND TANK	2.2
5	NITROGEN -A/GROUND TANK	2.2
6	CAUSTIC -A/GROUND TANK	8
7	CAUSTIC -A/GROUND TANK	8
8	CAUSTIC -A/GROUND TANK	8



unifoods		160 BURWOOD ROAD CONCORD	
DWN BY	K TAYLOR	SHEET	OF
DATE	04/08/94	TITLE	
APP BY		SITE ARRANGEMENT	
DATE		DANGEROUS GOODS STORAGE	
SCALE	1:1	DRAWING NO.	CXXL0056
			A3

32-00227

PART C - Dangerous Goods Storage Complete one section per depot.

If you have more depots than the space provided, photocopy sufficient sheets first.

Depot Number	Type of depot	Depot Class	Maximum storage capacity
1	ABOVE GROUND TANK	2.1	4,200 KL

UN Number	Correct Shipping Name	Class	PG (I, II, III)	Product or common name	Typical quantity	Unit, e.g. L, kg, m ³
	LIQUIFIED PETROLEUM GAS (L.P.G.)	2.1	as is	EL GAS Reg N° 213439	2,100	KL

Depot Number	Type of depot	Depot Class	Maximum storage capacity
2	CYLINDER STORE	2.1	300 L

UN Number	Correct Shipping Name	Class	PG (I, II, III)	Product or common name	Typical quantity	Unit, e.g. L, kg, m ³
	LIQUIFIED PETROLEUM GAS (L.P.G.)	2.1	as is	EL GAS	150	L

Depot Number	Type of depot	Depot Class	Maximum storage capacity
3	ABOVE GROUND TANK	is 8	1,500 L

UN Number	Correct Shipping Name	Class	PG (I, II, III)	Product or common name	Typical quantity	Unit, e.g. L, kg, m ³
1824	SODIUM HYDROXIDE	8	II	PH CONTROL	1,500	L

Depot Number	Type of depot	Depot Class	Maximum storage capacity
4	ABOVE GROUND TANK	2.2 5	2,500 L

UN Number	Correct Shipping Name	Class	PG (I, II, III)	Product or common name	Typical quantity	Unit, e.g. L, kg, m ³
1977	LIQUID NITROGEN	2	as is	LIQUID NITROGEN	2000	L

PART C – Dangerous Goods Storage Complete one section per depot.

If you have more depots than the space provided, photocopy sufficient sheets first.

[illegible][illegible]

PART C - Dangerous Goods Storage Complete one section per depot.

If you have more depots than the space provided, photocopy sufficient sheets first.

Depot Number	Type of depot	Depot Class	Maximum storage capacity
5	ABOVE GROUND TANK	2.2	2,500 L

UN Number	Correct Shipping Name	PG Class (I, II, III)	Product or common name	Typical quantity	Unit, e.g. L, kg, m³
1977	LIQUID NITROGEN	2	LIQUID NITROGEN	2,000	L

Depot Number	Type of depot	Depot Class	Maximum storage capacity
6	ABOVE GROUND TANK	8	2,500 L

UN Number	Correct Shipping Name	PG Class (I, II, III)	Product or common name	Typical quantity	Unit, e.g. L, kg, m³
1824	SODIUM HYDROXIDE	8 II	CIPDET	2,500	L

* delete UN 2810.

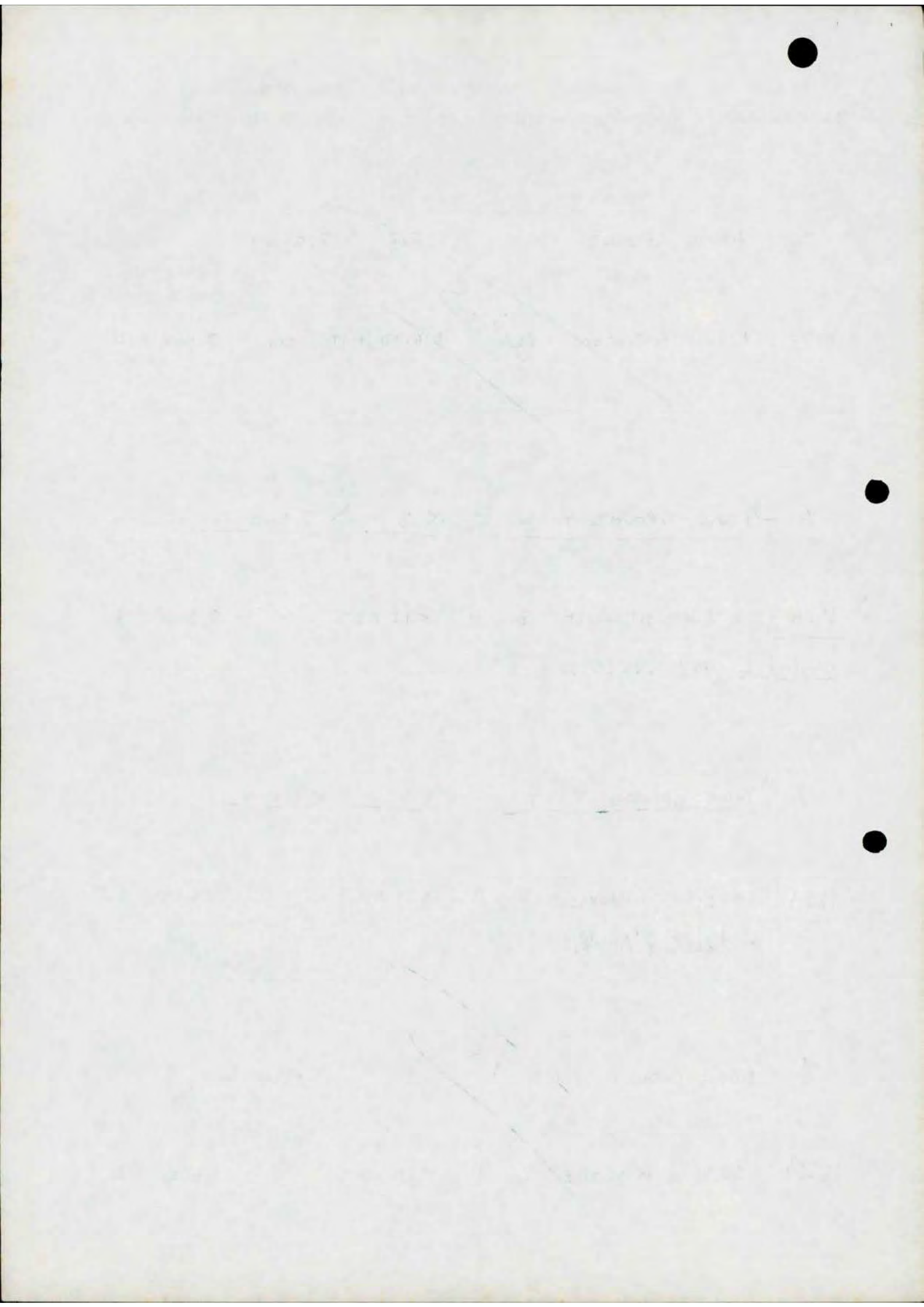
Depot Number	Type of depot	Depot Class	Maximum storage capacity
7	ABOVE GROUND TANK	8	2,000 L

UN Number	Correct Shipping Name	PG Class (I, II, III)	Product or common name	Typical quantity	Unit, e.g. L, kg, m³
1824	SODIUM HYDROXIDE	8 II	CIPDET	2,000	L

* delete UN 2810

Depot Number	Type of depot	Depot Class	Maximum storage capacity
8	ABOVE GROUND TANK	8	2,000 L

UN Number	Correct Shipping Name	PG Class (I, II, III)	Product or common name	Typical quantity	Unit, e.g. L, kg, m³
1824	SODIUM HYDROXIDE	8 II	CIPDET	1,000	L



NOTE ON FLAMMABLE LIQUID CABINETS

Please note that the two flammable liquid cabinets that were previously included in the list of dangerous goods depots (original depots 6 and 7) have been decommissioned and removed. The cabinets were in an unacceptable condition and as there was no longer a requirement to store any flammable liquids in such a way they were not replaced.

Depots 6 and 7 in the current licence application are for two new caustic storage tanks. The numbering for the other depots has been retained.

Part D - Checklist

For depots for Class 6.1 (Poisons) or Class 8 (Corrosives) ONLY

Please fill in a separate form for each depot (that is, each tank, drum store etc)

Depot number

3

Class

6.1



8

Please answer all questions by stating YES, NO or N/A (not applicable) in the box provided.

- 1 Storage area clearly identified with appropriate diamond sign (at least 250 x 250 mm), and the sign is clearly visible from all approaches

YES

- 2 The storage area is 5 m or more from:

YES

(a) other classes of dangerous goods

(b) easily combustible materials such as flammable liquids, waste paper, rags, hay, sawdust, dry grass, shrubs and dense overhanging tree branches

YES

(c) anything that could react with the poisons (such as acids) or with the corrosives (such as incompatible corrosives, oxidising substances)

YES

(d) foodstuffs (this applies only to Class 6.1 goods)

YES

- 3 Spillage containment is provided for liquids, in packages, 25% of the total quantity in tanks, 100% of the largest or single tank

YES

- 4 At least one fire extinguisher of Type 2A60B(E) or better is

(a) easily accessible in or near the storage, and

(b) serviced every six months

YES

- 5 All packages containing 500mL or 500g or more are marked with the appropriate diamond sign and the correct shipping name

YES

- 6 I certify that the details on this checklist are correct.

Signature of applicant:

T. P. Flynn

Date

8/12/95

Please send your application, marked **CONFIDENTIAL**, to:

Dangerous Goods Licensing, Level 3, Locked Bag 10, Clarence Street, SYDNEY NSW 2000

Part D - Checklist

For depots for Class 6.1 (Poisons) or Class 8 (Corrosives) ONLY

Please fill in a separate form for each depot (that is, each tank, drum store etc)

Depot number

6

Class

6.1

☒ 8

Please answer all questions by stating YES, NO or N/A (not applicable) in the box provided.

- 1 Storage area clearly identified with appropriate diamond sign (at least 250 x 250 mm), and the sign is clearly visible from all approaches YES
- 2 The storage area is 5 m or more from:
 - (a) other classes of dangerous goods YES
 - (b) easily combustible materials such as flammable liquids, waste paper, rags, hay, sawdust, dry grass, shrubs and dense overhanging tree branches YES
 - (c) anything that could react with the poisons (such as acids) or with the corrosives (such as incompatible corrosives, oxidising substances) YES
 - (d) foodstuffs (this applies only to Class 6.1 goods) N/A
- 3 Spillage containment is provided for liquids,
in packages, 25% of the total quantity
in tanks, 100% of the largest or single tank YES
- 4 At least one fire extinguisher of Type 2A60B(E) or better is
 - (a) easily accessible in or near the storage, and
 - (b) serviced every six monthsYES
- 5 All packages containing 500mL or 500g or more are marked with the appropriate diamond sign and the correct shipping name YES
- 6 I certify that the details on this checklist are correct.

Signature of applicant:

T.P. Fly

Date

8/12/95

Please send your application, marked **CONFIDENTIAL**, to:

**Dangerous Goods Licensing, Level 3, Locked Bag 10, Clarence Street,
SYDNEY NSW 2000**

Part D - Checklist

For depots for Class 6.1 (Poisons) or Class 8 (Corrosives) ONLY

Please fill in a separate form for each depot (that is, each tank, drum store etc)

Depot number

7

Class

6.1

☒

8

Please answer all questions by stating YES, NO or N/A (not applicable) in the box provided.

- 1 Storage area clearly identified with appropriate diamond sign (at least 250 x 250 mm), and the sign is clearly visible from all approaches YES
- 2 The storage area is 5 m or more from:
 - (a) other classes of dangerous goods YES
 - (b) easily combustible materials such as flammable liquids, waste paper, rags, hay, sawdust, dry grass, shrubs and dense overhanging tree branches YES
 - (c) anything that could react with the poisons (such as acids) or with the corrosives (such as incompatible corrosives, oxidising substances) YES
 - (d) foodstuffs (this applies only to Class 6.1 goods) N/A
- 3 Spillage containment is provided for liquids,
in packages, 25% of the total quantity
in tanks, 100% of the largest or single tank YES
- 4 At least one fire extinguisher of Type 2A60B(E) or better is
 - (a) easily accessible in or near the storage, and
 - (b) serviced every six monthsYES
- 5 All packages containing 500mL or 500g or more are marked with the appropriate diamond sign and the correct shipping name YES
- 6 I certify that the details on this checklist are correct.

Signature of applicant:

T.P. Fly

Date

8/12/95

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SYDNEY NSW 2000**

Part D - Checklist

For depots for Class 6.1 (Poisons) or Class 8 (Corrosives) ONLY

Please fill in a separate form for each depot (that is, each tank, drum store etc)

Depot number

8

Class

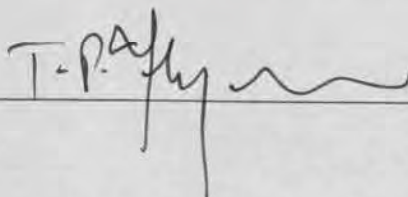
6.1

☒ 8

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in packages, 25% of the total quantity
in tanks, 100% of the largest or single tank YES
- 4 At least one fire extinguisher of Type 2A60B(E) or better is
 - (a) easily accessible in or near the storage, and
 - (b) serviced every six monthsYES
- 5 All packages containing 500mL or 500g or more are marked with the appropriate diamond sign and the correct shipping name YES
- 6 I certify that the details on this checklist are correct.

Signature of applicant:



Date

8/12/95

Please send your application, marked **CONFIDENTIAL** to:
**Dangerous Goods Licensing, Level 3, Locked Bag 10, Clarence Street,
SYDNEY NSW 2000**

Reference 35/005234

WORKCOVER AUTHORITY



Chemical Safety Unit

Telephone: (02) 370 5164

Facsimile: (02) 370 6105

8 August 1994

Mr R Underwood
Safety Engineering &
Technical Services Pty Ltd
10 The Boulevard
CHELTENHAM NSW 2119

Dear Mr Underwood

RE: BUNDING OF TANKS OF CLASS 8 DANGEROUS GOODS TO AS1940-1993
UNILEVER PTY LTD-UNIFOODS DIVISION, 160 BURWOOD ROAD, CONCORD
(Licence No 35/005234)

I refer to your facsimile of July 5, 1994 and mine of July 18 in respect of the above.

I confirm for the above site that the bund arrangement of AS1940-1993 as expressed in Clause 5.9.3 is an acceptable alternative arrangement to the strict provisions of clause 171(5)(b)(ii) of the Dangerous Goods Regulation, 1978.

Yours sincerely

Phil L BUTT
Chief Inspector of Dangerous Goods

PLB/gm/35-Files/005234.35



Safety Engineering & Technical Services Pty. Ltd.

A.C.N. 003 112 045

10 THE BOULEVARDE, CHELTENHAM, N.S.W. 2119 • PHONE: (02) 876 6828

5 July 1994

The Chief Inspector of Dangerous Goods
WorkCover Authority
400 Kent Street
SYDNEY NSW 2000
Attention: Mr Phil Butt

Dear Sir,

re: **Dangerous Goods Matters - Request for Confirmation that Bundling of Tanks for Class 8 Dangerous Goods to AS 1940-1993 Complies with Dangerous Goods Regulation 1978 - Unilever Pty Ltd - Unifoods Division, 160 Burwood Road, Concord (Licence number 35/005234)**

We write on behalf of the Unifoods Division of Unilever Pty Ltd to obtain formal confirmation that conformance with the provisions of AS 1940-1993 (Clause 5.9.3 Design and construction) satisfies the Dangerous Goods Regulation requirement that any bund wall must be situated at a distance from each tank of at least half the height of the tank.

The Unifoods Division are finalising the design arrangement of a small tank farm to keep caustic soda at their Burwood Road, Concord site. The proposed arrangement because of space limitations has tanks in positions close to a full height masonry wall, the top of which meets the bund crest locus criteria of AS 1940-1993 but not the provisions of the Dangerous Goods Regulation 1978 for the keeping of Class 8 dangerous goods in tanks.

Could you please confirm that the bund arrangement of AS 1940-1993 as expressed in Clause 5.9.3 is an acceptable alternative arrangement to the strict provisions of Clause 171 (5) (b) (ii) of the Dangerous Goods Regulation 1978.

I thank you for your assistance in this matter.

Yours faithfully,
Safety Engineering & Technical Services Pty Ltd

Ross Underwood MIEAust CPEng

APPROVED**CHIEF INSPECTOR OF DANGEROUS GOODS**

DEPOT No.	DANGEROUS GOODS DESCRIPTION	CLASS No.
1	LPG -ABOVEGROUND TANK	2.1
2	LPG -CYLINDER STORE	2.1
3	CAUSTIC -A/GROUND TANK	8
4	NITROGEN -A/GROUND TANK	2.2
5	NITROGEN -A/GROUND TANK	2.2
6	CAUSTIC -A/GROUND TANK	8
7	CAUSTIC -A/GROUND TANK	8
8	CAUSTIC -A/GROUND TANK	8

This plan conforms with
 Dangerous Goods Act NSW
 1975 and Austr. Standard
 AS 1596 - 1989
 Signed for SAFETY ENGINEERING
 AND TECHNICAL SERVICES PTY. LTD.
 Date: 23/3/94

BOUNDARY
 PALING FENCE

⊗ SUBJECT TO EXEMPTION
 FROM CIDG - REFER
 ATTACHED
 LETTERS



VACANT LAND FUTURE
 HOUSING DEVELOPEMENT

SITE REGISTER AT GATEHOUSE

DWN BY	K TAYLOR	unifoods	160 BURWOOD ROAD CONCORD
DATE	04/08/94		
APP BY			
DATE			
SCALE	1:1	TITLE	160 BURWOOD ROAD
SITE ARRANGEMENT		SHEET	DF
DANGEROUS GOODS STORAGE		DRAWING NO.	CXXL0056
			A3

GOLF COURSE
 RIVER

DEPOT No.2
 YARD AREA.

DEPOT No.1
 YARD AREA.

EMERGENCY ACCESS

MAIN FIRE
 HYDRANT BOOSTER

FIRE
 HYDRANTS

EXISTING
 HOUSES

DEPOT No.3, 6, 7 & 8.
 LOWER GROUND FLR.

DEPOT No.s 4 & 5
 LOWER GROUND FLR.

POWER ISOLATION
 & FIRE PUMPHOUSE
 LOWER GROUND FLR.

DISPATCH

CAR PARK

EMERG. EVAC. &
 RESCUE EQUIP.

FACTORY AND
 OFFICES

RECEPTION

GAS SUPPLY
 SHELTER

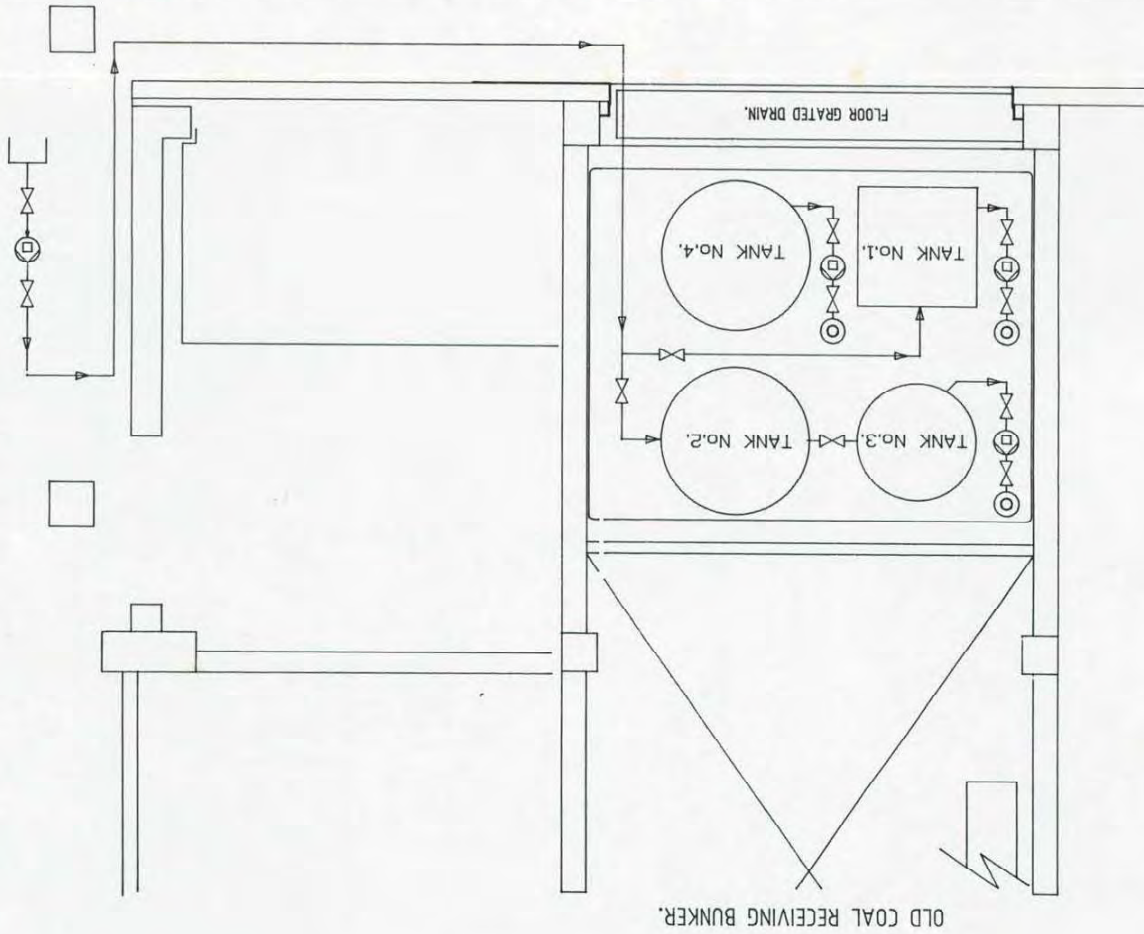
OFFICE

CAR
 PARK

BURWOOD ROAD

MAIN ACCESS

TANKER SUPPLY INFEED.



PLAN VIEW OF
EQUIPMENT LOCATION:

CAUSTIC BUNDERED STORAGE.

⑤ *Sub to be removed with side gate < 1/2 in. 18 in. 1/2 in. 5/8 in. 1/2 in.*
300 HIGH BUNDERED WALL.

**This plan conforms with the
Dangerous Goods Act NSW
1975 and Austr. Standard
AS
Signed for SAFETY ENGINEERING
AND TECHNICAL SERVICES PTY. LTD.
Date: 23/8/94**

DVN BY K.TAYLOR.	unifoods	160 BURWOOD ROAD	CONCORD
DATE 13/07/94			
APP BY			
DATE			
SCALE 1:50			
CAUSTIC SODA BUND WALL, BOILER HOPPER ROOM, YARD LEVEL.		SHEET OF	DRAWING NO. REV
		CXXL0052	A

THE UNIVERSITY OF CHICAGO
LIBRARY
540 EAST 57TH STREET
CHICAGO, ILL. 60637
U.S.A.



35/005234

A division of Unilever Australia Ltd
A.C.N. 004 050 828
Factory Address:
160 Burwood Road, Concord
New South Wales 2137

Telephone (02) 747 9400
Facsimile (02) 747 9600

Postal Address:
Private Bag No. 2
Epping
New South Wales 2121
Australia

Workcover Authority
Scientific Services Branch
Dangerous Goods Licensing
Locked Bag 10
Clarence St
SYDNEY NSW 2000

9 January 1995



Dear Sir,

This is to advise that further to our conversation of Thursday 25 January we have still not yet received our renewed Dangerous Goods licence. I understand from our phone call that although our application has been received there are delays in processing the renewal. Can you please advise us regarding the status of our licence as we are obviously concerned that the expiry date on our previous licence was December 16th.

Regards,

Thomas P. Flynn
Coffee Processing Manager



unifoods

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A.C.N. 004 050 828
Factory Address:
160 Burwood Road, Concord
New South Wales 2137

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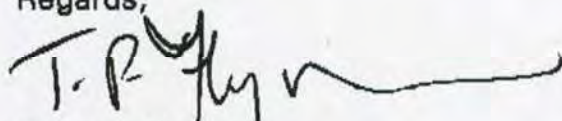
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Regards,


Thomas P. Flynn
Coffee Processing Manager



24

RECEIVED
JAN 23 1968
BRANCH
ST. LOUIS, MO.

with app 14/12/95
Reference

35/005234

WORKCOVER AUTHORITY



Chemical Safety Unit

Telephone: (02) 370 5164

Facsimile: (02) 370 6105

8 August 1994

Mr R Underwood
Safety Engineering &
Technical Services Pty Ltd
10 The Boulevard
CHELTENHAM NSW 2119

Dear Mr Underwood

RE: BUNDING OF TANKS OF CLASS 8 DANGEROUS GOODS TO AS1940-1993
UNILEVER PTY LTD-UNIFOODS DIVISION, 160 BURWOOD ROAD, CONCORD
(Licence No 35/005234)

I refer to your facsimile of July 5, 1994 and mine of July 18 in respect of the above.

I confirm for the above site that the bund arrangement of AS1940-1993 as expressed in Clause 5.9.3 is an acceptable alternative arrangement to the strict provisions of clause 171(5)(b)(ii) of the Dangerous Goods Regulation, 1978.

Yours sincerely

Phil L BUTT
Chief Inspector of Dangerous Goods

PLB/gm/35-Files/005234.35



Safety Engineering & Technical Services Pty. Ltd.

A.C.N. 003 112 945

10 THE BOULEVARDE, CHELTENHAM, N.S.W. 2119 • PHONE: (02) 876 6828

FACSIMILE TRANSMISSION

Date : 18 July 1994

Send : Today/Rush

Page 1 of 11

To : Mr Phil Butt
Chief Inspector - Dangerous Goods
WorkCover Authority
400 Kent Street
SYDNEY NSW 2000
FAX No. (02) 370 6105

From : Ross Underwood

Phone : (02) 876 6828

Fax : (02) 876 6828

Subject: Application for Exemptions Pursuant to Clause 28(1) of the Dangerous Goods Regulation 1978 - Unifoods, Vidler Uretex and Polymer Coatings and Adhesives.

Dear Phil,

I am attaching three separate letters previously forwarded to Jurgen while you were away and his response to me about which I am now seeking further clarification. I have tried to contact Jurgen today but have been advised that he will be difficult to contact all week.

Could you please assist by:

- 1) for Unifoods - telling me what will be said in your alternative 'acceptable' bunding letter (or saying yes or no to my exemption request as per my letter of 5 July 1994)?
- 2) for Vidler Uretex - indicate whether the proposed removable bund gate arrangement is acceptable as per my letter of 5 July 1994 - a system I have seen adopted elsewhere?
- 3) for Polymer Coatings and Adhesives -
 - a) proposed naphthalene storage is of cold flake, not hot molten - therefore no phase change hazard or fuming,
 - b) request for exemption for manufactured product is related to the provisions of Clause 73 where DG Regs appear inconsistent with AS 1940 Minor Storage provisions (which we have discussed previously). As I read the regs, an exemption is required to keep manufactured product elsewhere than in a licensed depot for Class 3 if there is a licensed depot for Class 3.

Best regards



Reference

35/005234

WORKCOVER AUTHORITY



Chemical Safety Unit

Telephone: (02) 370 5164

Facsimile: (02) 370 6105

8 August 1994

Mr R Underwood
Safety Engineering &
Technical Services Pty Ltd
10 The Boulevard
CHELTENHAM NSW 2119

Nancy

ATK

Thanks
Grove

Dear Mr Underwood

RE: BUNDING OF TANKS OF CLASS 8 DANGEROUS GOODS TO AS1940-1993
UNILEVER PTY LTD-UNIFOODS DIVISION, 160 BURWOOD ROAD, CONCORD
(Licence No 35/005234)

I refer to your facsimile of July 5, 1994 and mine of July 18 in respect of the above.

I confirm for the above site that the bund arrangement of AS1940-1993 as expressed in Clause 5.9.3 is an acceptable alternative arrangement to the strict provisions of clause 171(5)(b)(ii) of the Dangerous Goods Regulation, 1978.

Yours sincerely

Phil L BUTT
Chief Inspector of Dangerous Goods

PLB/gm/35-Files/005234.35





Safety Engineering & Technical Services Pty. Ltd.

A.C.N. 003 112 945

10 THE BOULEVARDE, CHELTENHAM, N.S.W. 2119 • PHONE: (02) 876 6828

FACSIMILE TRANSMISSION

Date : 5 July 1994		Send : Today/Rush	
		Page 1 of 2	
To : Jurgen Strauch Chemical Safety Unit WorkCover Authority 400 Kent Street SYDNEY NSW 2000			
FAX No. (02) 370 6105			
From : Ross Underwood		Phone : (02) 876 6828 Fax : (02) 876 6828	
Subject : Dangerous Goods Matters - Request for Confirmation that Bundling of Tanks for Class 8 Dangerous Goods to AS 1940-1993 Complies with Dangerous Goods Regulation 1978 - Unilever Pty Ltd - Unifoods Division, 160 Burwood Road, Concord (Licence number 35/005234)			

Dear Jurgen,

Self-explanatory letter enclosed.

This company has been issued with an improvement notice by Joanna Fielding and has until late July to get a complying depot for Class 8 storage (among rectifying other defects).

They feel that their improvement notice while certainly warranted on many grounds was a bit picky in others. They remain a bit nervous that despite my undertaking that a full height bund is acceptable closer to the tank than the distance specified in Clause 171, they are not fully protected if Joanna doesn't agree. Hence the formal request.

If you have any problems with this request, please give me a call. I shall be away from 8 to 15 July inclusive but you stand an excellent chance of catching me at home most other times.

001266

Best regards

Ross



001100





Safety Engineering & Technical Services Pty. Ltd.

A.C.N. 003 112 945

10 THE BOULEVARDE, CHELTENHAM, N.S.W. 2119 • PHONE: (02) 876 6828

5 July 1994

The Chief Inspector of Dangerous Goods
WorkCover Authority
400 Kent Street
SYDNEY NSW 2000
Attention: Mr Phil Butt

Dear Sir,

re: **Dangerous Goods Matters - Request for Confirmation that Bundling of
Tanks for Class 8 Dangerous Goods to AS 1940-1993 Complies with
Dangerous Goods Regulation 1978 - Unilever Pty Ltd -
Unifoods Division, 160 Burwood Road, Concord
(Licence number 35/005234)**

We write on behalf of the Unifoods Division of Unilever Pty Ltd to obtain formal confirmation that conformance with the provisions of AS 1940-1993 (Clause 5.9.3 Design and construction) satisfies the Dangerous Goods Regulation requirement that any bund wall must be situated at a distance from each tank of at least half the height of the tank.

The Unifoods Division are finalising the design arrangement of a small tank farm to keep caustic soda at their Burwood Road, Concord site. The proposed arrangement because of space limitations has tanks in positions close to a full height masonry wall, the top of which meets the bund crest locus criteria of AS 1940-1993 but not the provisions of the Dangerous Goods Regulation 1978 for the keeping of Class 8 dangerous goods in tanks.

Could you please confirm that the bund arrangement of AS 1940-1993 as expressed in Clause 5.9.3 is an acceptable alternative arrangement to the strict provisions of Clause 171 (5) (b) (ii) of the Dangerous Goods Regulation 1978.

I thank you for your assistance in this matter.

Yours faithfully,
Safety Engineering & Technical Services Pty Ltd

Ross Underwood MIEAust CPEng

Complete 1 section per depot

If you have more depots than the space provided, photocopy sufficient sheets first.

Depot number	Type of depot	Class		Licensed maximum storage capacity	
1	ROOFED PACKAGE STORE	6.1		60,000 L	

UN number	Shipping name	Class	Pkg. Group	EPG	Product or common name	Typical quantity	Unit, kg, m³
2489	DIAMENYL METHANE-4,4'-DIISOCYANATE.	6.1B	III	EPG	CRUDE M.D.I.	40,000	L
1593	DICHLOROMETHANE	6.1B	III	687	METHYLENE CHLORIDE	1000	L

Depot number	Type of depot	Class		Licensed maximum storage capacity	

UN number	Shipping name	Class	Pkg. Group	EPG	Product or common name	Typical quantity	Unit, kg, m³

SCIENTIFIC SERVICES
BRANCH
- 6 JUL 1984
DANGEROUS
GOODS





Safety Engineering & Technical Services Pty. Ltd.

A.C.N. 003 112 945

10 THE BOULEVARDE, CHELTENHAM, N.S.W. 2119 • PHONE: (02) 876 6828

FACSIMILE TRANSMISSION

Date : 5 July 1994		Send : Today/Rush	
		Page 1 of 2	
To :	Jurgen Strauch Chemical Safety Unit WorkCover Authority 400 Kent Street SYDNEY NSW 2000		
FAX No.		(02) 370 6105	
From :	Ross Underwood	Phone :	(02) 876 6828
		Fax :	(02) 876 6828
Subject :	Dangerous Goods Matters - Request for Confirmation that Bunding of Tanks for Class 8 Dangerous Goods to AS 1940-1993 Complies with Dangerous Goods Regulation 1978 - Unilever Pty Ltd - Unifoods Division, 160 Burwood Road, Concord (Licence number 35/005234)		

Dear Jurgen,

Self-explanatory letter enclosed.

This company has been issued with an improvement notice by Joanna Fielding and has until late July to get a complying depot for Class 8 storage (among rectifying other defects).

They feel that their improvement notice while certainly warranted on many grounds was a bit picky in others. They remain a bit nervous that despite my undertaking that a full height bund is acceptable closer to the tank than the distance specified in Clause 171, they are not fully protected if Joanna doesn't agree. Hence the formal request.

If you have any problems with this request, please give me a call. I shall be away from 8 to 15 July inclusive but you stand an excellent chance of catching me at home most other times.

Best regards

Ross

*** TRANSMISSION REPORT ***

S.I.D. :

SCIENTIFIC SERVICES N° :

61/2/3706105

Date : 18/07/94 14:15

Date/Time	18-07 14:14
Dialled number	08766828
Subscriber	61 02 876 6828
Durat.	0'56"
Mode	NORM
Name	
Pages	1
Status	Correct

Page from : 61 02 876 6828

18/07/94 12:24 Pg: 3



Safety Engineering & Technical Services Pty. Ltd.

A.C.N. 003 112 045

10 THE BOULEVARD, CHELTENHAM, N.S.W. 2119 • PHONE: (02) 876 0828

5 July 1994

The Chief Inspector of Dangerous Goods
WorkCover Authority
400 Kent Street
SYDNEY NSW 2000
Attention: Mr Phil Butt

Dear Sir,

re: **Dangerous Goods Matters - Request for Confirmation that Bunding of Tanks for Class 6 Dangerous Goods to AS 1940-1993 Complies with Dangerous Goods Regulation 1978 - Unilever Pty Ltd - Unifoods Division, 160 Burwood Road, Concord (Licence number 38/005234)**

We write on behalf of the Unifoods Division of Unilever Pty Ltd to obtain formal confirmation that conformance with the provisions of AS 1940-1993 (Clause 5.9.3 Design and construction) satisfies the Dangerous Goods Regulation requirement that any bund wall must be situated at a distance from each tank of at least half the height of the tank.

The Unifoods Division are finalising the design arrangement of a small tank farm to keep caustic soda at their Burwood Road, Concord site. The proposed arrangement because of space limitations has tanks in positions close to a full height masonry wall, the top of which meets the bund crest locus criteria of AS 1940-1993 but not the provisions of the Dangerous Goods Regulation 1978 for the keeping of Class 6 dangerous goods in tanks.

Could you please confirm that the bund arrangement of AS 1940-1993 as expressed in Clause 5.9.3 is an acceptable alternative arrangement to the strict provisions of Clause 171 (5) (b) (ii) of the Dangerous Goods Regulation 1978.

I thank you for your assistance in this matter.

Yours faithfully,
Safety Engineering & Technical Services Pty Ltd

Ross Underwood

Ross Underwood MIEAust CPEng

APPROVED

Phil Butt
18/7/94

CHIEF INSPECTOR OF DANGEROUS GOODS



Safety Engineering & Technical Services Pty. Ltd.

A.C.N. 003 112 946

10 THE BOULEVARDE, CHELTENHAM, N.S.W. 2119 • PHONE: (02) 876 6828

5 July 1994

The Chief Inspector of Dangerous Goods
WorkCover Authority
400 Kent Street
SYDNEY NSW 2000
Attention: Mr Phil Butt

Dear Sir,

re: **Dangerous Goods Matters - Request for Confirmation that Bundling of Tanks for Class 8 Dangerous Goods to AS 1940-1993 Complies with Dangerous Goods Regulation 1978 - Unilever Pty Ltd - Unifoods Division, 160 Burwood Road, Concord**
(Licence number 35/005234)

We write on behalf of the Unifoods Division of Unilever Pty Ltd to obtain formal confirmation that conformance with the provisions of AS 1940-1993 (Clause 5.9.3 Design and construction) satisfies the Dangerous Goods Regulation requirement that any bund wall must be situated at a distance from each tank of at least half the height of the tank.

The Unifoods Division are finalising the design arrangement of a small tank farm to keep caustic soda at their Burwood Road, Concord site. The proposed arrangement because of space limitations has tanks in positions close to a full height masonry wall, the top of which meets the bund crest locus criteria of AS 1940-1993 but not the provisions of the Dangerous Goods Regulation 1978 for the keeping of Class 8 dangerous goods in tanks.

Could you please confirm that the bund arrangement of AS 1940-1993 as expressed in Clause 5.9.3 is an acceptable alternative arrangement to the strict provisions of Clause 171 (5) (b) (ii) of the Dangerous Goods Regulation 1978.

I thank you for your assistance in this matter.

Yours faithfully,
Safety Engineering & Technical Services Pty Ltd

Ross Underwood MIEAust CPEng

APPROVED**CHIEF INSPECTOR OF DANGEROUS GOODS**



APPROVED

WorkCover AUTHORITY



LICENCE TO KEEP DANGEROUS GOODS

(Dangerous Goods Act 1975)

Application for new licence, amendment or transfer

Expiry: 16.12.95

1. Name of applicant <u>P/L</u>		ACN
<input checked="" type="checkbox"/> UNIFOODS PTY. LTD		<input checked="" type="checkbox"/> 004050828
<div style="border: 2px solid black; padding: 5px; text-align: center;"> SCIENTIFIC SERVICES BRANCH 16 DEC 1993 DANGEROUS GOODS </div>		
2. Site to be licensed		
No	Street	
160	BURWOOD ROAD,	
Suburb/Town		Postcode
CONCRD		2137
3. Previous licence number (if known) 35/005234		
4. Nature of site COFFEE MANUFACTURING <u>* 2176</u>		
5. Emergency contact on site:		
Phone	Name	
<input checked="" type="checkbox"/> (02) 747-9400	<input checked="" type="checkbox"/> JIM BEGNELL <input checked="" type="checkbox"/> TOM FLYNN	
6. Site staffing: Hours per day <input checked="" type="checkbox"/> 24 Days per week <input checked="" type="checkbox"/> 7		
7. Major supplier of dangerous goods <input checked="" type="checkbox"/> ELGAS/C. I. G. /LEVER INDUSTRIAL <input checked="" type="checkbox"/> Various		
8. If new site or significant modification		
Plan stamped by:	Accredited consultant's name:	Date stamped
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> ROSS UNDERWOOD	<input checked="" type="checkbox"/> 13/12/93
9. Number of dangerous goods depots at site 8		
10. Trading name or occupier's name		
<u>UNIFOODS PTY. LTD</u> <u>* delete trading name.</u>		
11. Postal address of applicant		Suburb/Town Postcode
<input checked="" type="checkbox"/> PRIVATE BAG 2 <u>PO</u>		<input checked="" type="checkbox"/> EPPING, N.S.W. 2121
12. Contact for licence enquiries:		
Phone	Fax	Name
<input checked="" type="checkbox"/> (02) 747-9400	<input checked="" type="checkbox"/> (02) 747-9600	<input checked="" type="checkbox"/> TOM FLYNN
I certify that the details contained in this application (or the accompanying computer disk) are true and correct		
13. Signature of applicant <u>E. A. Sandwell</u>		Date <u>14/12/93</u>

Please complete attached site sketch, depot listing and check sheet (if required) and return to WorkCover Authority in envelope provided.

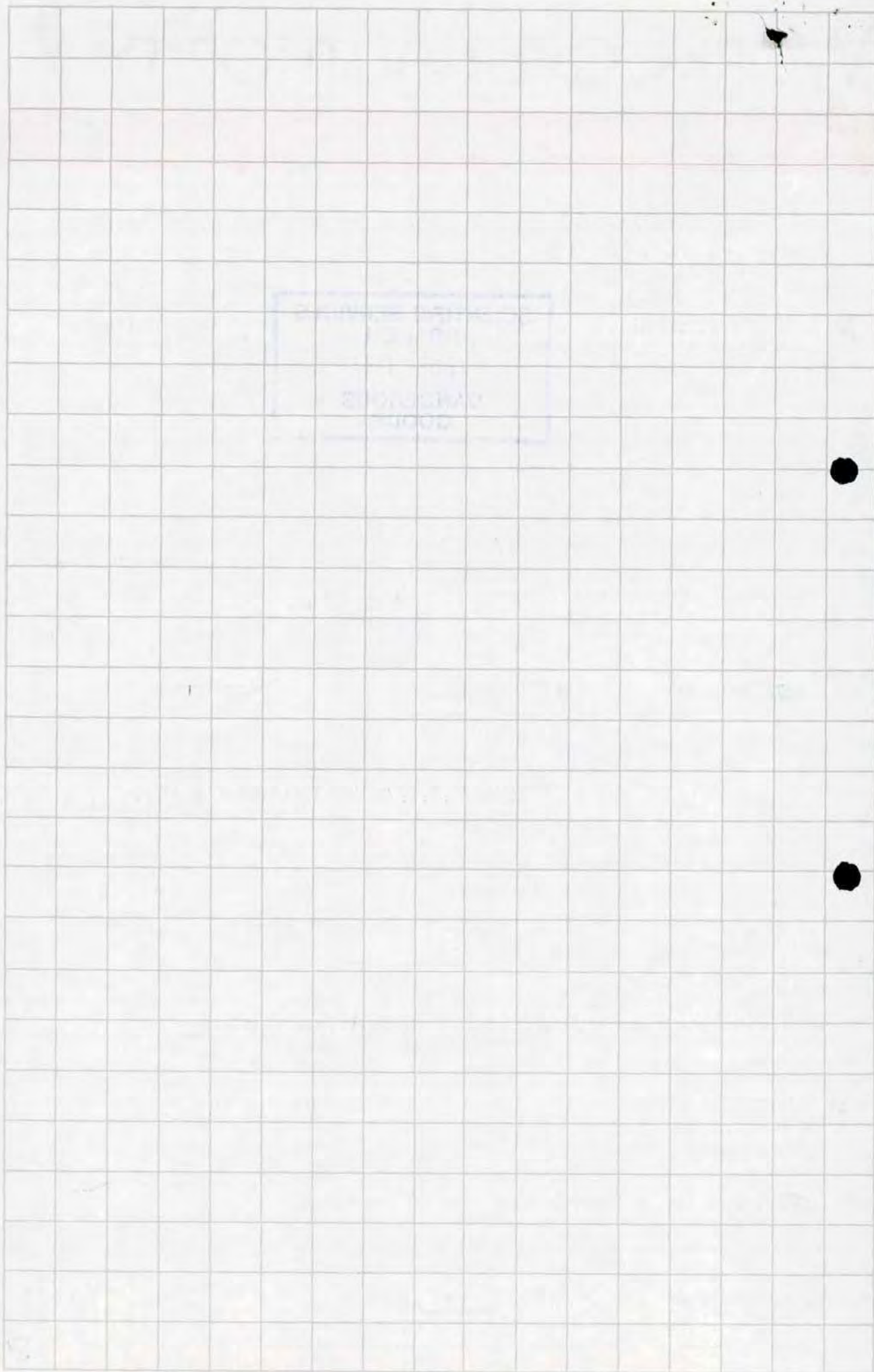
Form DG1

Sub 23/1/94
CH

PART B

Site Sketch

Please carefully read the instructions in Part B of the guide before sketching the site.



PART C

Complete 1 section per depot

CHEMICAL STORAGE

35/005284

If you have more depots than the space provided, photocopy sufficient sheets first.

**delete all depots then Add*

Depot number	Type of depot	Class		Licensed maximum storage capacity	
* 1	ABOVE GROUND TANK	2.1		4.2 KL 4200 L	

UN number	Shipping name	Pkg. Class Group	EPG	Product or common name	Typical quantity	Unit eg. L, kg, m ³
* 1075	(LIQUIFIED) PETROLIUM GAS (L.P.G.)	2.1	- EPG 2.1.001	EL GAS LPG	2,100	* L
				REG. NO. 213439		

Depot number	Type of depot	Class		Licensed maximum storage capacity	
* 2	CYLINDER STORE	2.1		300 L	

UN number	Shipping name	Pkg. Class Group	EPG	Product or common name	Typical quantity	Unit eg. L, kg, m ³
* 1075	(LIQUIFIED) PETROLIUM GAS	2.1	- EPG 2.1.001	EL GAS LPG	150	L

Depot number	Type of depot	Class		Licensed maximum storage capacity	
* 3	ABOVE GROUND TANK	8		1,500 L	

UN number	Shipping name	Pkg. Class Group	EPG	Product or common name	Typical quantity	Unit eg. L, kg, m ³
* 1824	SODIUM HYDROXIDE SOLUTION	8	II 8AI	PH CONTROL (50)	1,500	* L

Depot number	Type of depot	Class		Licensed maximum storage capacity	
* 4	ABOVE GROUND TANK	2.2		2,500 L	

UN number	Shipping name	Pkg. Class Group	EPG	Product or common name	Typical quantity	Unit eg. L, kg, m ³
* 1977	(LIQUID) NITROGEN REFRIG.	2.2	2C3	LIQUID NITROGEN	2,000	* L

2800000000

PART D

35/005234

**Checklist for keeping licence application for
class 6.1 (poisons) or class 8 (corrosives).**

Please answer ALL questions by stating YES, NO or NOT APPLICABLE (N/A) in the box provided.

A separate checklist is required for each individual depot to be licensed; if more than one checklist is completed state the depot number to which the checklist applies:

3

- | | |
|--|---|
| 1. Storage area clearly identified with appropriate diamond sign (250 x 250 mm), sign is visible from all approaches | <div style="border: 1px solid black; padding: 5px; width: 100px; margin: 0 auto;">YES</div> |
| 2. The storage area is 5 m or more away from: | |
| (a) other classes of dangerous goods | <div style="border: 1px solid black; padding: 5px; width: 100px; margin: 0 auto;">YES</div> |
| (b) easily combustible materials include flammable liquids, waste paper, rags, hay, sawdust, dry grass, shrubs and overhanging tree branches | <div style="border: 1px solid black; padding: 5px; width: 100px; margin: 0 auto;">YES</div> |
| (c) anything that could cause harmful reactions with the poisons (such as acids) or with the corrosives (such as incompatible corrosives, oxidisers) | <div style="border: 1px solid black; padding: 5px; width: 100px; margin: 0 auto;">YES</div> |
| (d) foodstuffs (applies to class 6.1 only) | <div style="border: 1px solid black; padding: 5px; width: 100px; margin: 0 auto;">N/A</div> |
| 3. Spillage containment provided for liquids,
in packages, 25% of total quantity, or
in tanks, 100% of largest or single tank | <div style="border: 1px solid black; padding: 5px; width: 100px; margin: 0 auto;">YES</div> |
| 4. At least one fire extinguisher Type 2A60B(E) (9 kg dry chemical) is | |
| (a) easily accessible in or near the storage | <div style="border: 1px solid black; padding: 5px; width: 100px; margin: 0 auto;">YES</div> |
| (b) serviced every 6 months | <div style="border: 1px solid black; padding: 5px; width: 100px; margin: 0 auto;">YES</div> |
| 5. All packages containing 500 mL or grams or more are at least marked with the appropriate diamond sign and the correct technical name | <div style="border: 1px solid black; padding: 5px; width: 100px; margin: 0 auto;">YES</div> |
| 6. I certify that the details on this form are correct | |

Signature of applicant

E.A. Sandwith

13 / 12 / 93

485800 28

35/005234

PART D

**Checklist for keeping licence application for
class 6.1 (poisons) or class 8 (corrosives).**

Please answer ALL questions by stating YES, NO or NOT APPLICABLE (N/A) in the box provided.

A separate checklist is required for each individual depot to be licensed; if more than one checklist is completed state the depot number to which the checklist applies:

8

1. Storage area clearly identified with appropriate diamond sign (250 x 250 mm), sign is visible from all approaches YES
2. The storage area is 5 m or more away from:
 - (a) other classes of dangerous goods YES
 - (b) easily combustible materials include flammable liquids, waste paper, rags, hay, sawdust, dry grass, shrubs and overhanging tree branches YES
 - (c) anything that could cause harmful reactions with the poisons (such as acids) or with the corrosives (such as incompatible corrosives, oxidisers) YES
 - (d) foodstuffs (applies to class 6.1 only) N/A
3. Spillage containment provided for liquids,
in packages, 25% of total quantity, or
in tanks, 100% of largest or single tank YES
4. At least one fire extinguisher Type 2A60B(E) (9 kg dry chemical) is * Spillage baffle installed - see letter
 - (a) easily accessible in or near the storage YES
 - (b) serviced every 6 months YES
5. All packages containing 500 mL or grams or more are at least marked with the appropriate diamond sign and the correct technical name YES
6. I certify that the details on this form are correct

Signature of applicant

F.A. Sandhu

13/12/93

unifoods

Home of **Bushells** 35/005 234

Unifoods Pty Ltd
A.C.N. 000 608 079

Factory Address:
160 Burwood Road
Concord
New South Wales 2137

Postal Address:
Private Bag No. 2
Epping
New South Wales 2121

Telephone (02) 747 9400
Facsimile (02) 747 9600

13 December 1993

Ref: 088

Chief Inspector, Dangerous Goods
Workcover Authority
400 Kent Street
SYDNEY NSW 2000



Dear Sir,

I have enclosed the application for the renewal of our Dangerous Goods Licence.

Please note the following information:

1. Underground Tanks Depots 1, 2, 3 and 4 (previous licence) have been abandoned.

No's 1, 2, and 3 were licensed.
No. 4 = diesel, now removed.

2. Depots 6 and 7 Flammable Liquids Cabinet x 2

These are to be used in the short term for the storage of:

Safety Solvent Class 6.1(b), Combustible C.1 in quantities below licence exemption limits.

3. Depot 3 Aboveground Tank Class 8

Requires bunding.

4. Depot 8 Aboveground Tank Class 8 - requires bunding.

The bund wall to tank separation distance doesn't comply with the Regulations, therefore, as an alternative a spillage baffle has been installed.

I have also enclosed the site map, the certificate of abandonment for the underground tanks and two diagrams illustrating the proposed bunding for the caustic tanks.

Should you require any further information, please do not hesitate to contact me.

Yours faithfully

A handwritten signature in blue ink, appearing to read "E.A. Sandwith".

ELIZABETH SANDWITH
Occupational Health and Safety Nurse

485800/22

1900

1900

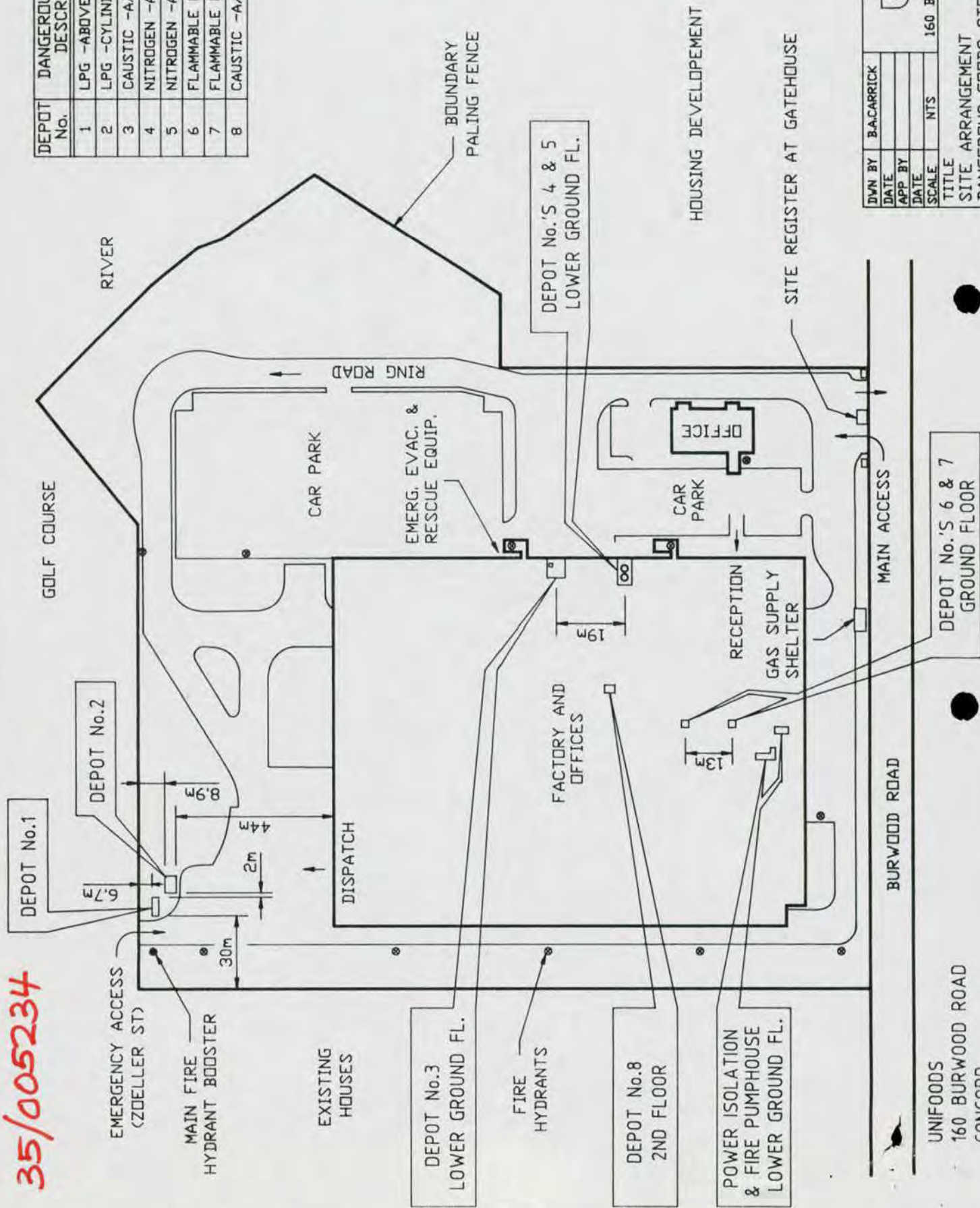
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35/005234

DEPOT No.	DANGEROUS GOODS DESCRIPTION	CLASS No.
1	LPG -ABOVEGROUND TANK	2.1
2	LPG -CYLINDER STORE	2.1
3	CAUSTIC -A/GROUND TANK	8
4	NITROGEN -A/GROUND TANK	2.2
5	NITROGEN -A/GROUND TANK	2.2
6	FLAMMABLE LIQUIDS STORE	3
7	FLAMMABLE LIQUIDS STORE	3
8	CAUSTIC -A/GROUND TANK	8

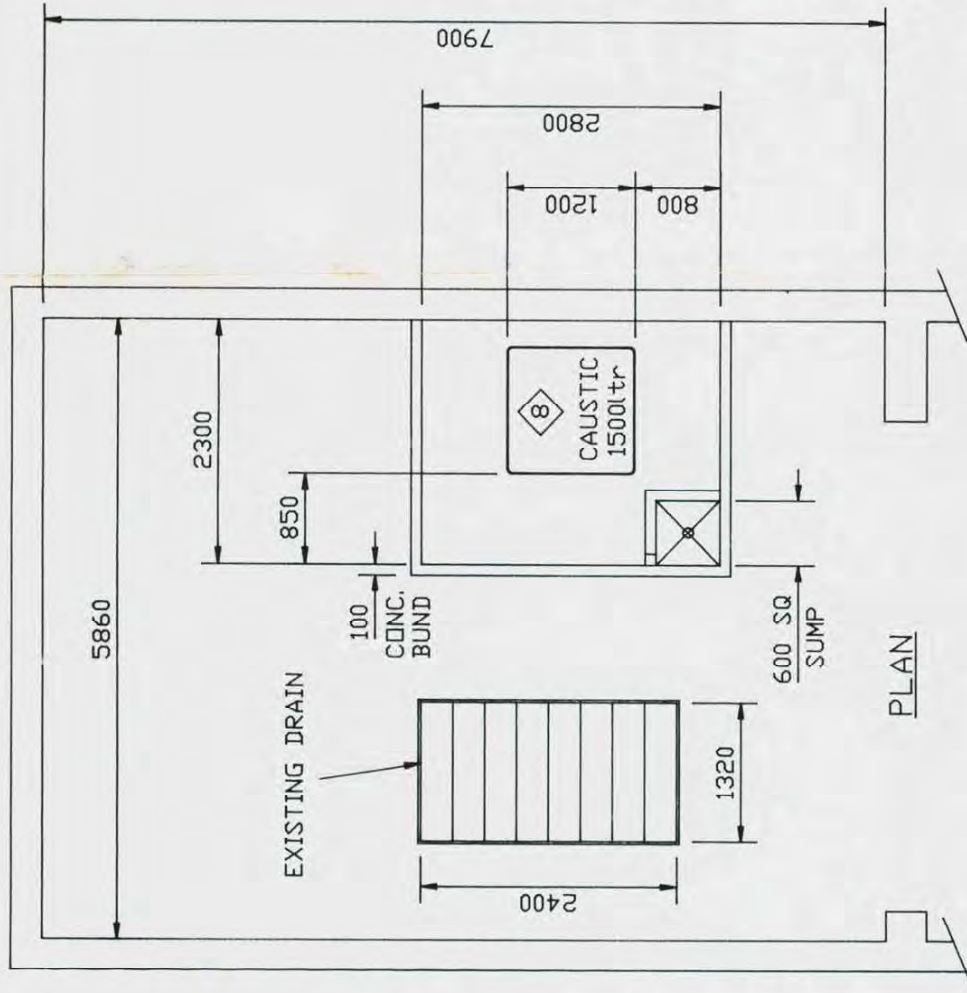


DVN BY	BACARRICK	unifoods	
DATE		160 BURWOOD ROAD CONCORD	
APP BY		SHEET DF	
DATE		DRAWING NO: REV	
SCALE	NTS	PROP68 A	
TITLE	SITE ARRANGEMENT		
DANGEROUS GOODS STORAGE			

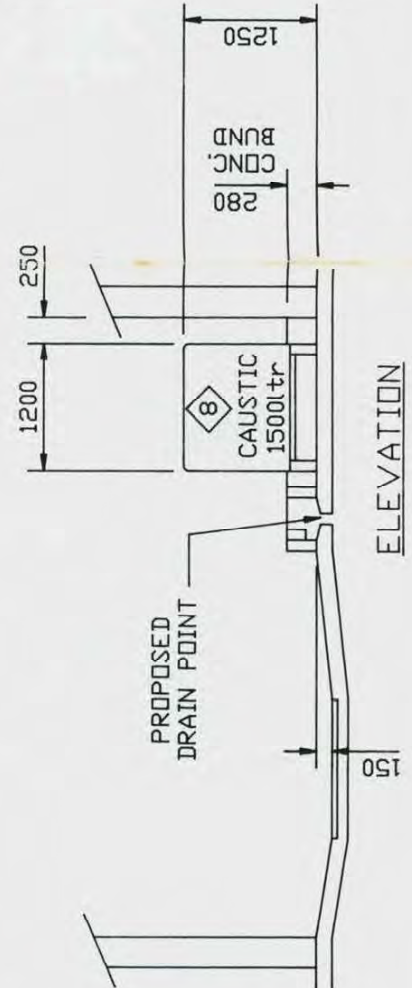
UNIFOODS
160 BURWOOD ROAD
CONCORD

22/002534

35/005234



PLAN



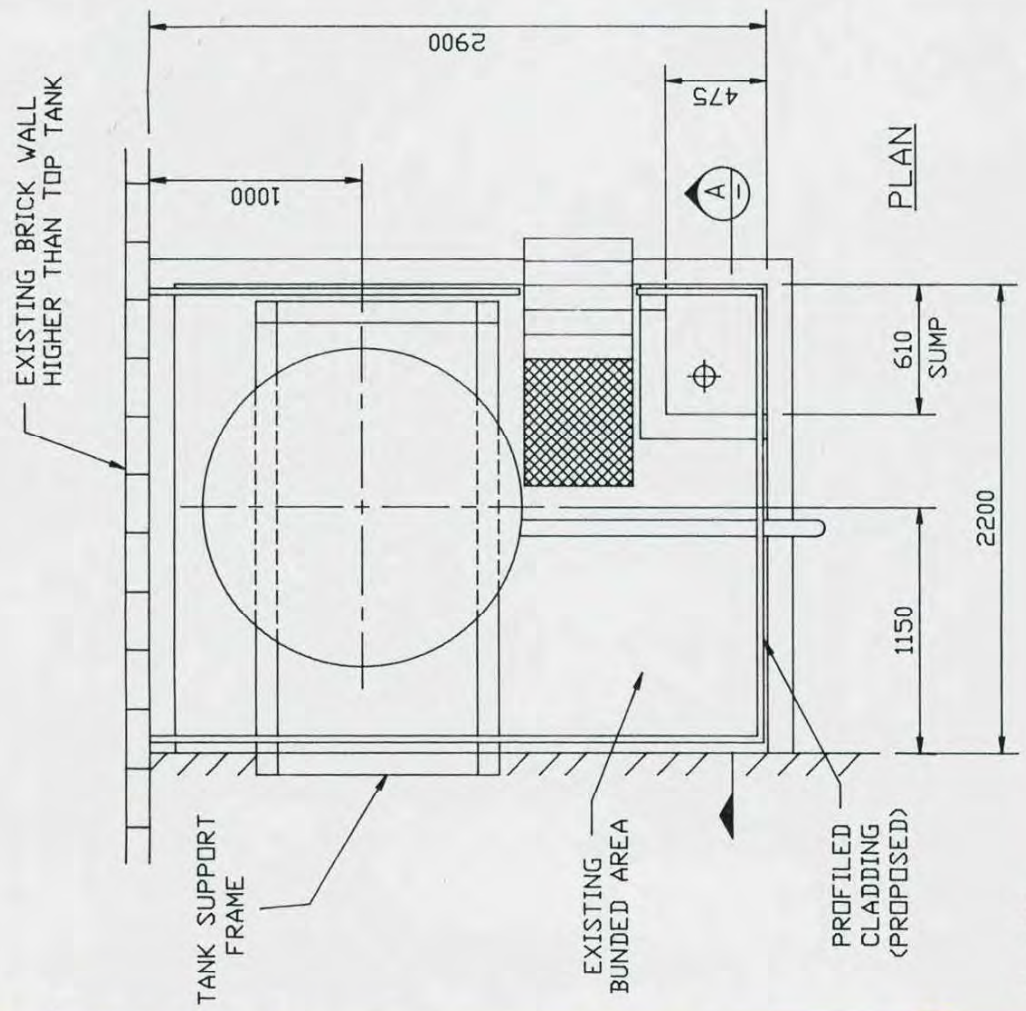
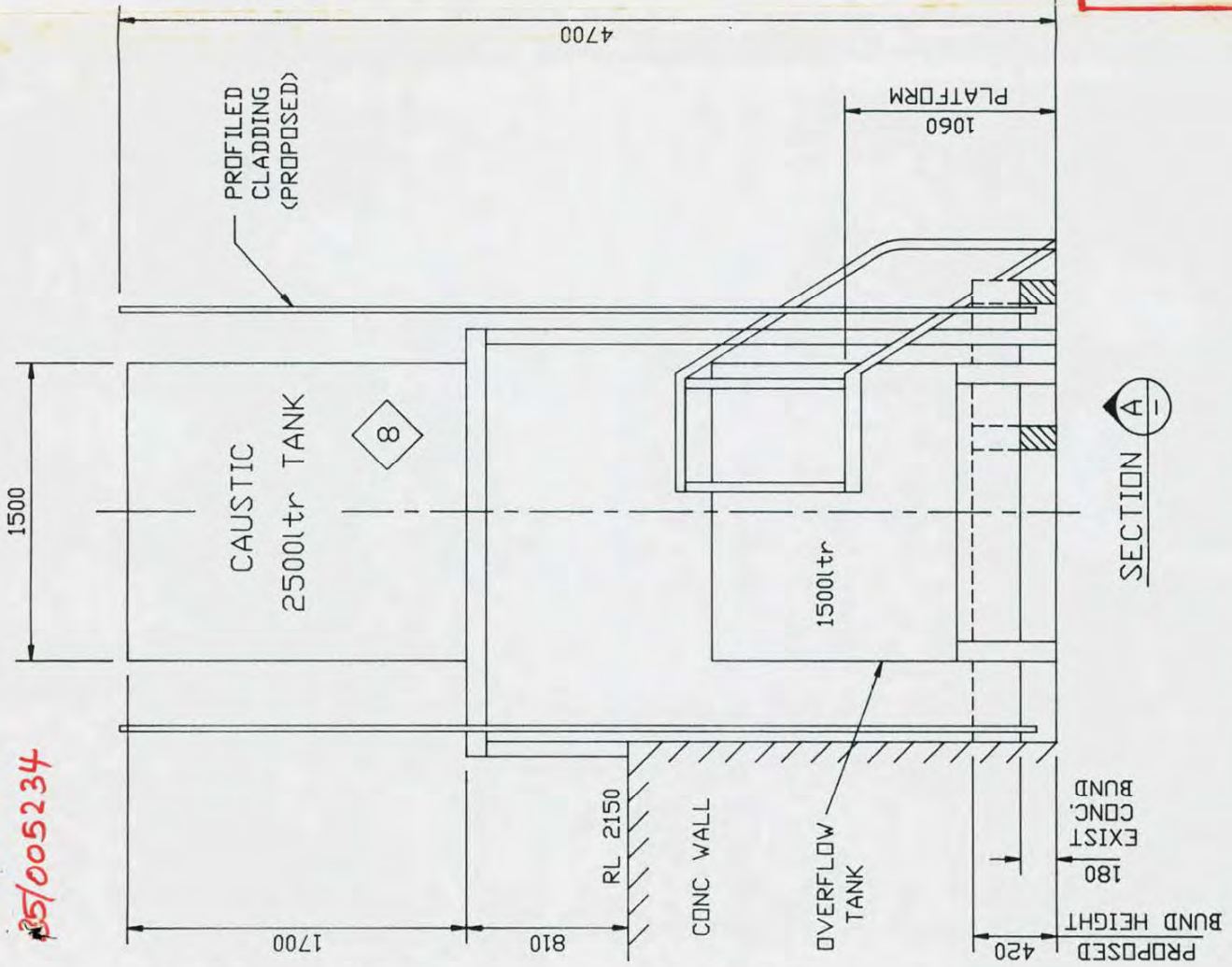
ELEVATION

Dangerous Goods Act NSW
1975 and Austr. Standard
AS
Signed for SAFETY ENGINEERING
AND TECHNICAL SERVICES PTY. LTD.
Date: 13/12/93

DWN BY	BACARRICK	unifoods	160 BURWOOD ROAD	CONCORD
DATE				
APP BY				
DATE				
SCALE	1:50			
TITLE		SHEET DF		
BUNDING ARRANGEMENT		DRAWING NO. REV		
L.G. FLOOR CAUSTIC STORAGE		PROP63 A		

482200/25

35/005234



This plan conforms with the
Dangerous Goods Act NSW
1975 and Austr. Standard
AS
Signed for SAFETY ENGINEERING
AND TECHNICAL SERVICES PTY. LTD.
Undersigned Date: 12/1/93

DVN BY	B. CARRICK	unifoods	CONCORD
DATE			
APP BY			
DATE			
SCALE	1:25		
TITLE	BUNDING ARRANGEMENT	SHEET OF	DRAWING NO. REV
2ND FLOOR CAUSTIC STORAGE	PROP64		A

2/002534

WORKCOVER AUTHORITY DANGEROUS GOODS ACT, 1975

LICENCE No.

35

5234

**SCIENTIFIC SERVICES
BRANCH**

-7 MAY 1992

**DANGEROUS
GOODS**

APPLICATION FOR LICENCE (or AMENDMENT or TRANSFER of LICENCE)*
FOR THE KEEPING OF DANGEROUS GOODS

(* Delete whichever is not required)

Mar 91 *plan no = 379*

Name of Applicant in full (see item 1 - Explanatory notes - page 4)	<i>NA</i> UNILEVER AUSTRALIA LIMITED
Trading name or occupier's name (if any)	<i>TF</i> UNIFOODS PTY. LTD
Postal Address	<i>PP</i> P.O. BOX 162, CONCORD, N.S.W. Postcode 2137
Address of the premises to be licensed. (Including Street No.)	160 BURWOOD ROAD, CONCORD, N.S.W. Postcode 2137
Nature of premises (See item 2 - Explanatory notes - page 4)	FOOD PROCESSING MANUFACTURING PLANT
Telephone number of applicant	<i>X</i> STD Code (02) Number 747-9400

Particulars of type of depots and maximum quantities of dangerous goods to be kept at any one time.

Depot number	Type of depot (See item 3 - Explanatory notes - page 4)	Storage capacity	Dangerous goods	C & C Office use only
			Product being stored	
1	Underground Tank	10,000 Litres	Flammable Liquids/Class 3	<i>DD Add 010</i>
2	Underground Tank	20,000 "	Flammable Liquids/Class 3	
3	Underground Tank	5,000 "	Flammable Liquids/Class 3	
4	Underground Tank	5,000 "	Flammable Liquids/Class 3	
5	Aboveground Tank	5,000 "	Flammable Gases/Class 2.1	
6	Roofed Store	300 "	Flammable Liquids/Class 3	
7	Roofed Store	300 "	Flammable Liquids/Class 3	
8	<i>Cylinder</i> Roofed Store	300 "	LPG Cylinder Store/Class 2-1	<i>100.007. 300 L</i>
9	Aboveground Tank	2,500 "	Non Flammable Gaseous Liquid/Class 2-2	<i>Nitrogen - 044.001. 25x2L</i>
10	Aboveground Tank	2,500 "	Non Flammable Gaseous Liquid/Class 2-2	<i>044.001. 25x2L</i>
11				
12				

Has site plan been approved by the Dangerous Goods Branch?

Yes
No

If yes, no plans required.

If no, please attach site plan, or provide sketch plan overleaf, which has been checked by an accredited consultant.

Have premises previously been licensed?

Yes
No

If, yes, state name of previous occupier, and licence No. (if known)

UNILEVER AUST. CO., UNIFOODS DIV. 35005234

Name of oil company supplying flammable liquid (if applicable).

Signature of applicant

Date 4.5.92

For external explosives magazine(s), please fill in page 3.

Craig Abraham
(PLANT ENGINEER)

FOR OFFICE USE ONLY

CERTIFICATE OF INSPECTION

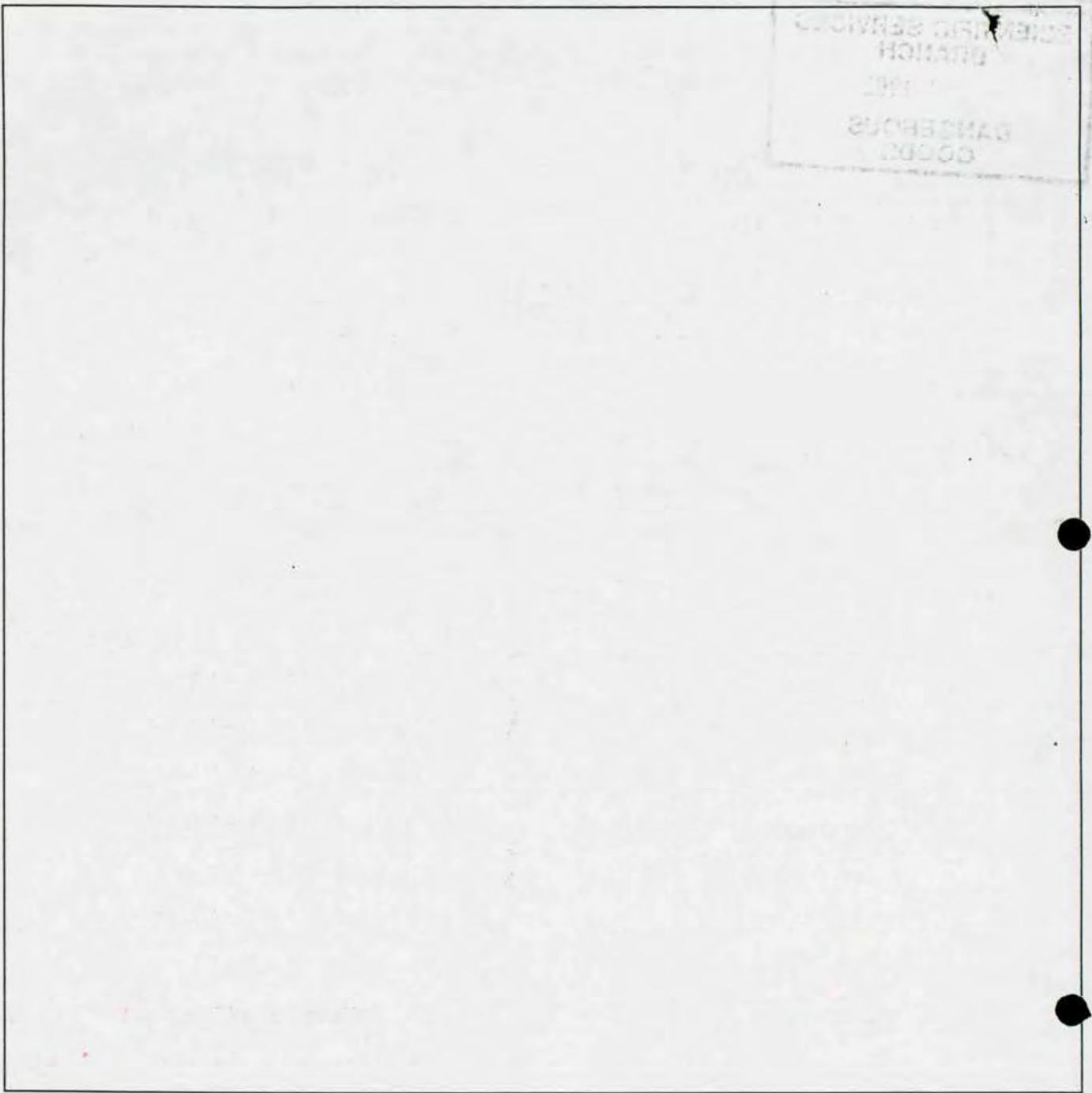
I, being an Inspector under the Dangerous Goods Act, 1975, do hereby certify that the premises described above do comply with the requirements of the Dangerous Goods Act, 1975, and the Dangerous Goods Regulation with regard to their situation and construction for the keeping of dangerous goods of the nature and in the quantity specified.

Signature of Inspector.....

Date.....

(1)

SKETCH PLAN OF SITE



Show positions of Depot(s) with:-

- (1) distances from public places and protected works;
- (2) street names;
- (3) nature and details of adjacent properties.

THIS DRAWING AND THE COPYRIGHT THEREIN ARE THE PROPERTY OF C.I.G. AND ALL INFORMATION WHICH IT CONTAINS IS CONFIDENTIAL. THE DRAWING MUST NOT BE REPRODUCED OR DISCLOSED, NOR MUST ANY INFORMATION TAKEN THEREFROM BE DISCLOSED WITHOUT THE PRIOR CONSENT OF C.I.G.

DO NOT SCALE DRG - IF IN DOUBT - ASK

This plan conforms with the
Dangerous Goods Act NSW 1975
and Australian Standard AS 1594

Signed for C.I.G. Gases Div.

Date 24.92

THIS DRAWING HAS BEEN PREPARED IN ACCORDANCE WITH AS 1594-1976 AND DANGEROUS GOODS REGULATION 1975 FROM INFORMATION SUPPLIED BY C.I.G. GASES TO L.J. CONSULTING AND DRAFTING PTY. LTD.

NOTES
DATE 24.92

1. INSTALL AN ELECTRICAL POWER OUTLET FOR VESSEL OF 415V 3 PHASE WITH EARTH 32AMP 4 PIN WEATHER PROOF WILCO TYPE WIC M4322 PLUS A FUSE FITTED WITH GEC TYPE 32MC3 IN A 32AMP FUSE HOLDER. THE POWER OUTLET IS TO BE INSTALLED 1000 ABOVE GROUND LEVEL ATTACHED EITHER TO A WALL OR A STAND AND NOT MORE THAN 5000 FROM VESSEL CONTROLS.

JOB. NO. 5713

Project

UNIFOODS,
160 BURWOOD ROAD,
BURWOOD, 2134.

CIG
GASES

GASES DIVISION - N.S.W.
INSTALLATIONS DEPARTMENT

Scale	1:100	Date	APRIL 1, 1992
Drawn by	L.J. DRAFTING	Prepared for	G. ALLEN
Checked		Approved	

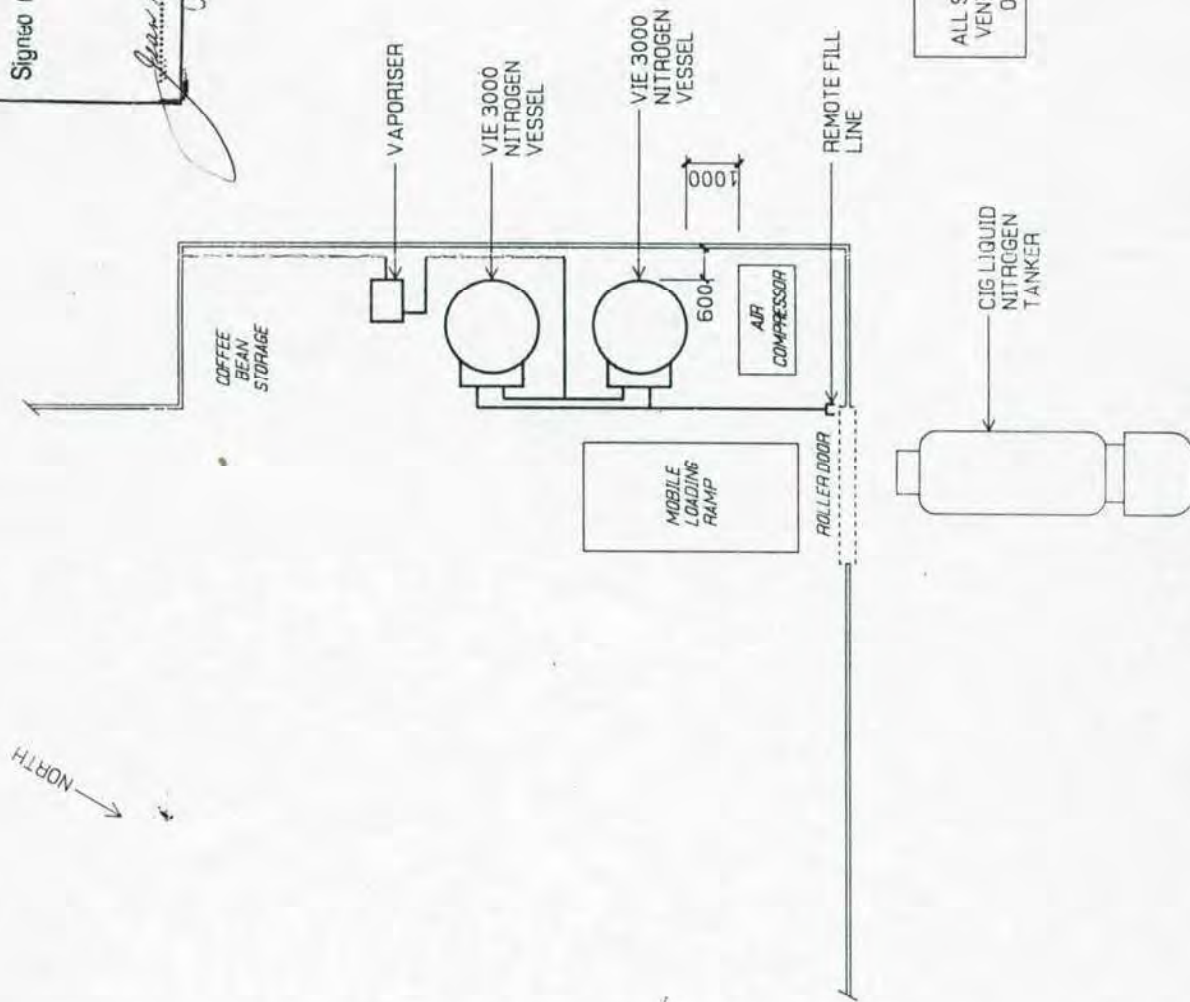
Drawing Title

2 X VIE 3000 NITROGEN
VESSEL INSTALLATION

Drawing No.

A3-92/3599

Rev.



THIS DRAWING AND THE COPYRIGHT THEREIN ARE THE PROPERTY OF C.I.G.
AND ALL INFORMATION WHICH IT CONTAINS IS CONFIDENTIAL. THE DRAWING
MUST NOT BE REPRODUCED OR DISCLOSED, NOR MUST ANY INFORMATION
TAKEN THEREFROM BE DISCLOSED WITHOUT THE PRIOR CONSENT OF C.I.G.

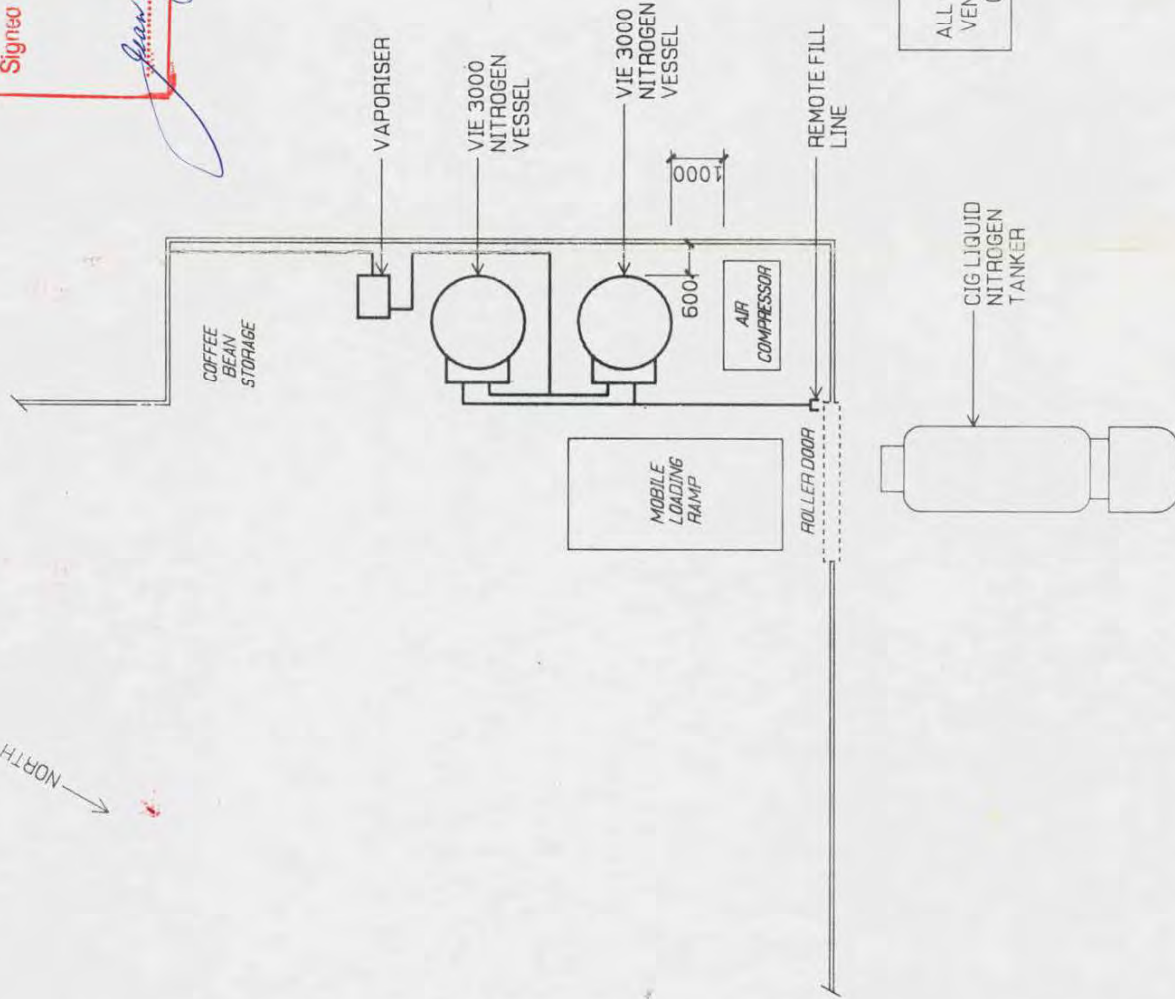
DO NOT SCALE DRG - IF IN DOUBT - ASK

This plan conforms with the
Dangerous Goods Act NSW 1975
and Australian Standard AS 1394

Signed for C.I.G. Gases Div.

Date 24.92

NORTH



NOTE:
ALL SAFETY VALVES AND
VENTS ARE TO BE PIPED
OUTSIDE BUILDING

No.	Revision	Date
THIS DRAWING HAS BEEN PREPARED IN ACCORDANCE WITH AS1894-1976 AND DANGEROUS GOODS REGULATION 1975 FROM INFORMATION SUPPLIED BY C.I.G. GASES TO L.J. CONSULTING AND DRAFTING PTY. LTD.		
J. J. Gases Div. DATE 24.92		
NOTES		
1. INSTALL AN ELECTRICAL POWER OUTLET FOR VESSEL OF 415V 3 PHASE WITH EARTH 32AMP 4 PIN WEATHER PROOF WILCOX TYPE WIC M4322 PLUS A FUSE FITTED WITH GEC TYPE 32MCM3 IN A 32AMP FUSE HOLDER. THE POWER OUTLET IS TO BE INSTALLED 1000 ABOVE GROUND LEVEL ATTACHED EITHER TO A WALL OR A STAND AND NOT MORE THAN 5000 FROM VESSEL CONTROLS.		
JOB. NO. 5713		
Project UNIFOODS, 160 BURWOOD ROAD, BURWOOD, 2134.		
 GASES GASES DIVISION - N.S.W. INSTALLATIONS DEPARTMENT		
Scale 1:100	Date APRIL 1, 1992	
Drawn by L.J. DRAFTING	Prepared for G.ALLEN	
Checked	Approved	
Drawing Title 2 X VIE 3000 NITROGEN VESSEL INSTALLATION		
Drawing No. A3-92/3599	Rev.	

WORKCOVER AUTHORITY **DANGEROUS GOODS ACT, 1975**

LICENCE No.

35 -

005234

APPLICATION FOR LICENCE (or AMENDMENT or TRANSFER of LICENCE)
FOR THE KEEPING OF DANGEROUS GOODS



MAR 91

Name of Applicant in full (see Item 1 - Explanatory notes - page 4)	NF UNILEVER AUSTRALIA PTY LTD		
Trading name or occupier's name (if any)	TF UNIFOODS PTY LTD		
Postal Address			Postcode
Address of the premises to be licensed. (Including Street No.)	PF 160 BURWOOD ROAD	PP CONCORD NSW	Postcode 2137
Nature of premises (See Item 2 - Explanatory notes - page 4)	FOOD PROCESSING MANUFACTURING PLANT		
Telephone number of applicant	STD Code X 02	Number	747 9400

Particulars of type of depots and maximum quantities of dangerous goods to be kept at any one time.

Depot number	Type of depot (See item 3 - Explanatory notes - page 4)	Storage capacity	Dangerous goods		C & C Office use only
			Product being stored		
1	UNDERGROUND TANK	10,000 LITRES	CLASS 3 FLAMM LIQUID		Add 8
2	" "	20,000 "	" 3 " "		
3	" "	5,000 "	" 3 " "		
4	" "	5,000 "	" 3 " "		
5	ABOVEGROUND TANK	5,000 "	" 2.1 LPG		100.007.300 L
6	ROOFED STORE	300 "	" 3 FLAMM LIQUID		
7	" "	300 "	" 3 " "		
8	Cylinder	300 "	" 2.1 LPG CYLINDER-		
9			STORE		
10					
11					
12					

Has site plan been approved by the Dangerous Goods Branch?

Yes
~~No~~

If yes, no plans required.

If no, please attach site plan, or provide sketch plan overleaf. which has been checked by an accredited consultant

Have premises previously been licensed?

Yes
~~No~~

If yes, state name of previous occupier, and licence No. (if known)

BUSHILLS PTY LTD 35/005234

Name of oil company supplying flammable liquid (if applicable).

Signature of applicant.....

Date

18/3/92

For external explosives magazine(s), please fill in page 3.

CRAIG ABRAHAM (PLANT ENGINEER)

FOR OFFICE USE ONLY

CERTIFICATE OF INSPECTION

I, being an Inspector under the Dangerous Goods Act, 1975, do hereby certify that the premises described above do comply with the requirements of the Dangerous Goods Act, 1975, and the Dangerous Goods Regulation with regard to their situation and construction for the keeping of dangerous goods of the nature and in the quantity specified.

Signature of Inspector.....

Date.....

(1)

SKETCH PLAN OF SITE

see attached site plan.

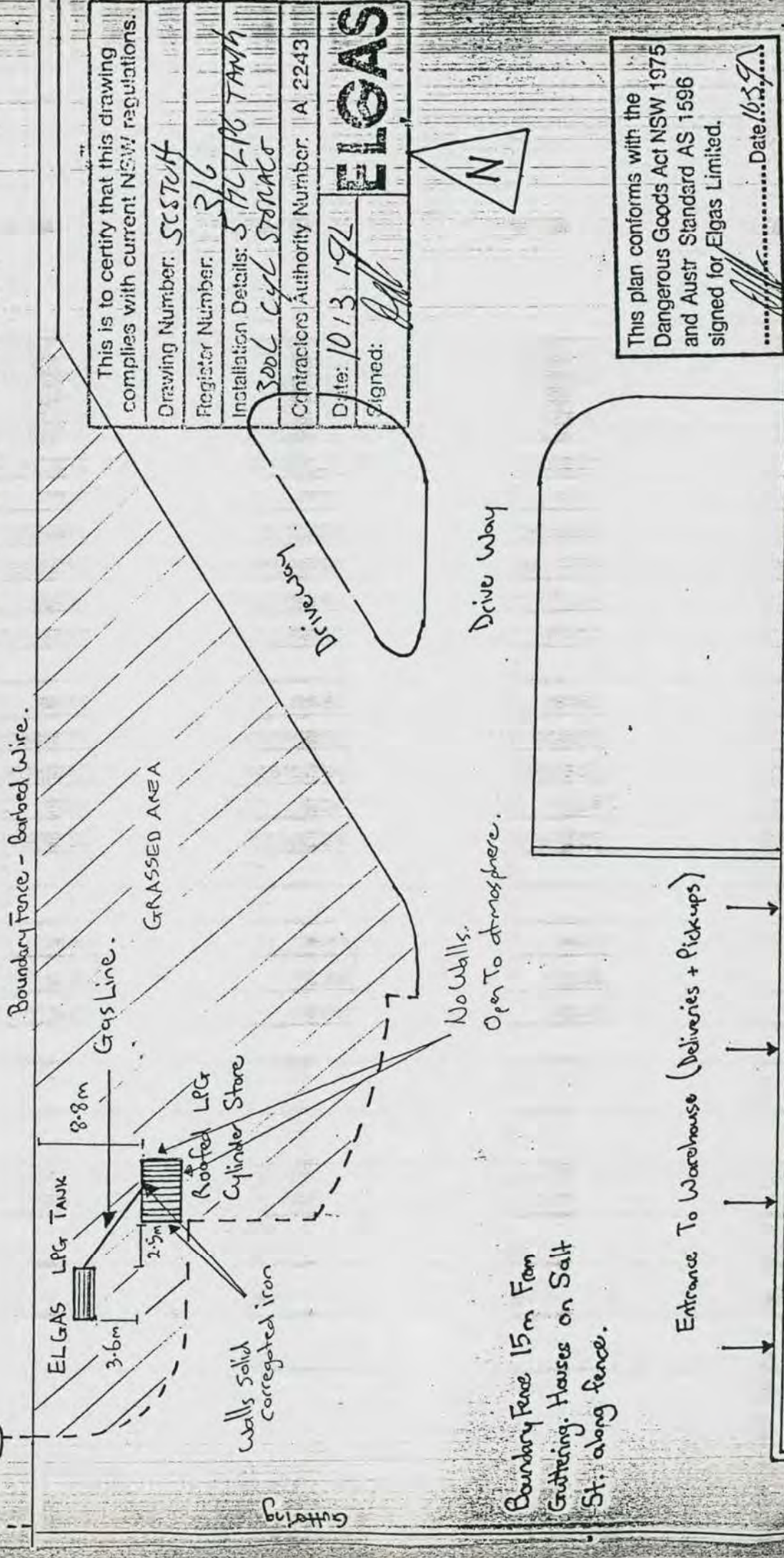
b. belts
10-3-92.

Show positions of Depot(s) with:-

- (1) distances from public places and protected works;
- (2) street names;
- (3) nature and details of adjacent properties.

UNIFOODS PTY LTD - PART SITE PLAN.

PUBLIC GOLF COURSE



This is to certify that this drawing complies with current NSW regulations.

Drawing Number: SCS2014

Register Number: 316

Installation Details: 5 ALPG TANK

300L CYL STORE

Contractors Authority Number: A 2243

Date: 10/3/92

Signed: [Signature]

ELGAS



This plan conforms with the Dangerous Goods Act NSW 1975 and Austr Standard AS 1596 signed for Elgas Limited.

.....Date: 10/3/92

Approx. Scale 1:400

Date Drawn: 14/2/92

EXISTING BUILDING

Burwood Rd along Southern Boundary Fence

Drive Way

TRANSMISSION REPORT

11.29.1993 09:24

NEW SUBMISSIONS SERVICE (02) 2205105

DATE TIME	SUBMISSION	RECORDS IN	ADDS	ADDS	RESULT
11.29.1993	09:24	512 747 800	92	1	0.11

Reference

WORKCOVER AUTHORITY



M/S Elizabeth Sandwith
Occupational Health and
Safety Unit
UNIFOODS
FAX : 747 9600

CHEMICAL SAFETY UNIT

Locked Bag 10, P O CLARENCE ST
SYDNEY 2000
Ph. (02) 370 5191 OR 370 5192
Fax (02) 370 6105

JF 11/10/93

Dear Madam/Sir

RE : LICENCE FOR THE KEEPING OF DANGEROUS GOODS 35/005234
PREMISES AT : 160 Burwood Rd - Concord

I am in receipt of your letter of 26/11/93 in which you seek a
time extension on the date of expiry of your licence.

Following study of your file, I hereby, deem your licence as being valid
to : 15 December 1993.

Yours faithfully

P. L. BUTT
Chief Inspector of Dangerous Goods

unifoods

Home of
Bushells

ACN 000 608 079

PLEASE ADVISE IF THERE WERE ANY TECHNICAL PROBLEMS WITH RECEIPT OF THIS MESSAGE

ADDRESS: 160 BURWOOD ROAD
CONCORD, NSW 2137
(P.O. BOX 162, CONCORD)
AUSTRALIA

TELEPHONE: (61) (02) 747 9400
FACSIMILE: (61) (02) 747 9600

TO: Chief Inspector, Dangerous
OF: Workover Authority Goods
DATE: 26-11-93

SENDER: E. Sandhurst
TOTAL NUMBER OF PAGES: 2
(Including this one)

FACSIMILE NO: _____

SCIENTIFIC SERVICES
BRANCH
29 NOV 1993
DANGEROUS
GOODS

unifoods

Home of
Bushells

Unifoods Pty Ltd
A.C.N. 000 608 079

Factory Address:
160 Burwood Road
Concord
New South Wales 2137

Postal Address:
Private Bag No. 2
Epping
New South Wales 2121

Telephone (02) 747 9400
Facsimile (02) 747 9600

26 November 1993

Ref: 080

Chief Inspector
Dangerous Goods
Workcover Authority
400 Kent Street
SYDNEY NSW 2000

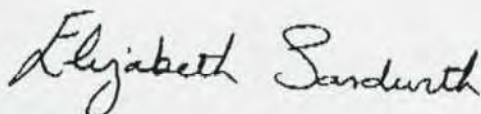
35-005234

Dear Sir,

In regards to lodging an application for the renewal for our Dangerous Goods Licence, I would like to request an extension. Following recent discussions with Ross Underwood, an Occupational Health, Safety and Engineering Consultant, new information has come to light and our application requires some amendment.

I would anticipate that the application will be finalised by Friday, 10 December.

Many Thanks



ELIZABETH SANDWITH
Occupational Health and Safety Nurse



Workcover Authority
The Chief Inspector of Dangerous Goods
Locked Bag 10
CLARENCE STREET NSW 2000

Dangerous Goods Act, 1975
Contractor's Certificate
Abandonment of Underground Tanks

35-005234
JF 11/10/93

Gilbarco Aust Ltd hereby certifies that the tanks referred to in the Schedule to this Certificate have been abandoned by the removal of the flammable liquid and by gas-freeing the tank, filling with water containing a corrosion inhibitor, * *WATERGY*, and sealing the filling, suction, dip and vent pipes with metal caps.

This procedure has been carried out under the provisions of the Dangerous Goods Act, 1975, and Section 8.7.8 of Australian Standard 1940 and acceptance of the Chief Inspector of Dangerous Goods.

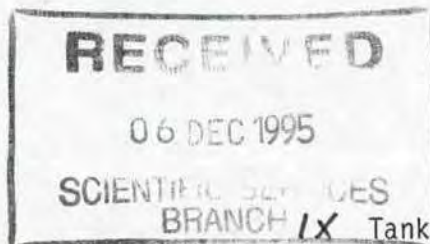
Owner of Premises :

UNIFOODS P/L

Address of Premises :

160 BURWOOD RD

CONCORD



SCHEDULE

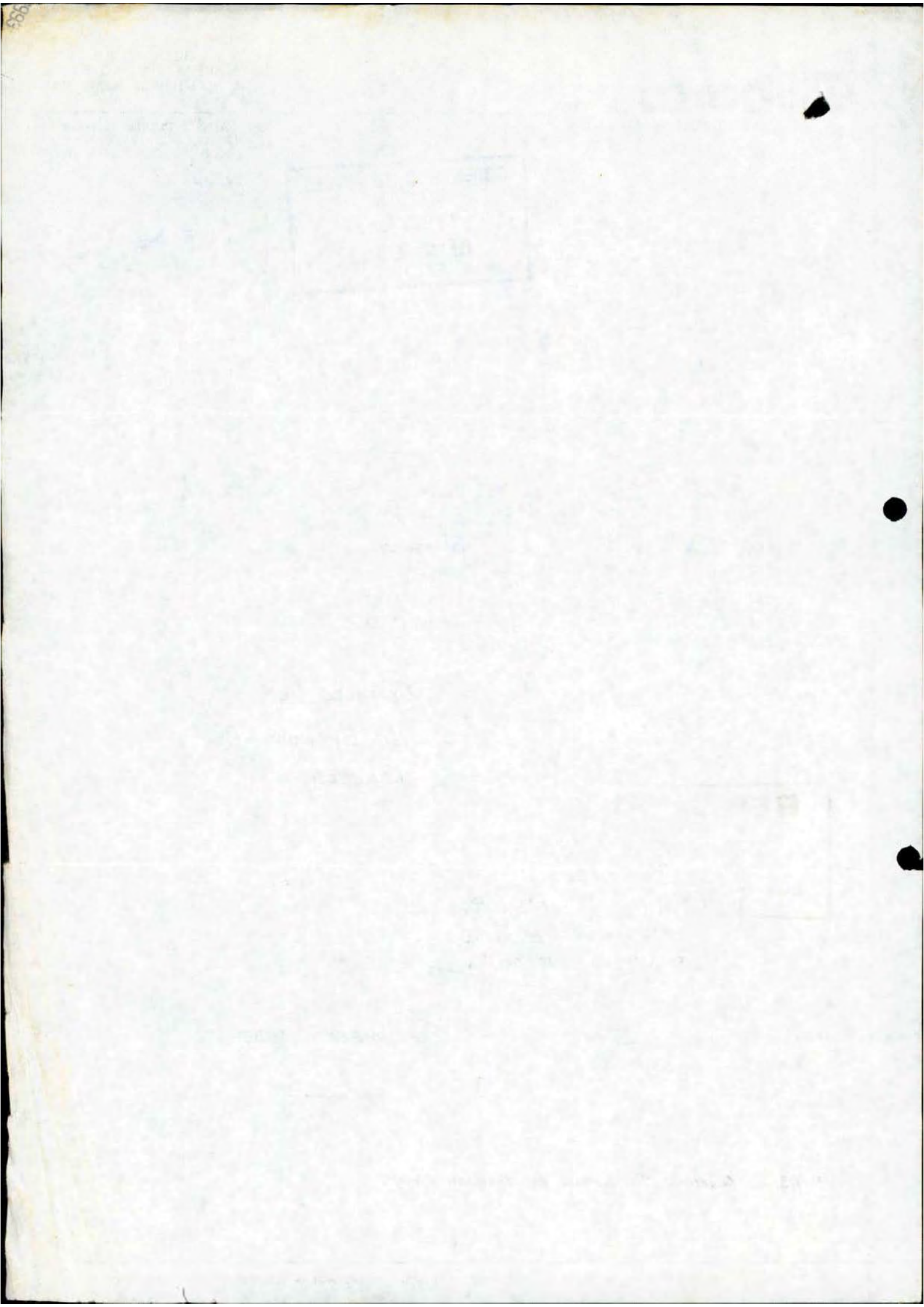
1X Tank	14200 $\frac{1}{2}$ g	Litres
1X Tank	6500 $\frac{1}{2}$ g	Litres
* 1X Tank	10000 $\frac{1}{2}$ g	Litres <i>A/G.</i>
Tank		Litres

Dated this *27TH* day of *SEPTEMBER* 1993

* Insert rust inhibitor used.

[Signature]
GILBARCO AUST LTD
Authorised Officer

* NB. *OVERGROUND TIO DISPOSED OF THROUGH AGENT.*



Reference

WORKCOVER AUTHORITY



Mr Thomas P Flynn
Coffee Processing Manager
Unifoods
160 Burwood Road
CONCORD 2137

9 August 1994

Dear Mr Flynn,

Re: Request for Extension to Improvement Notice 34346

Your request for an extension of time to comply with the Improvement Notice no 34346 issued by Joanna Fielding on 26/04/94 is granted.

All work to be completed by 26/08/94.

Yours faithfully,

RON KEELTY
Acting Centre Manager
Metro West Region



A division of Unilever Australia Ltd
A.C.N. 004 050 828
Factory Address:
160 Burwood Road, Concord
New South Wales 2137

Telephone (02) 747 9400
Facsimile (02) 747 9600

Postal Address:
Private Bag No. 2
Epping
New South Wales 2121
Australia

Joanna Fielding
Workcover Authority
400 Kent Street
SYDNEY NSW 2000



25 July 1994

Dear Ms Fielding,

In relation to the Improvement Notices regarding to the liquid nitrogen and caustic storage facilities at this site.

Following your visit CIG were contacted to advise us on the venting of the bulk Nitrogen storage tanks. You should have recieved a copy of a letter from their consultants dated 26/5/94 (attached) confirming that in their opinion the installation complies with the requirements of the Dangerous Goods regulations. The ammended drawings have also now been included in our Nitrogen Installation manual.

In relation to the storage of Caustic Soda, we have been discussing with Ross Underwood of Safety Engineering and Technical Services modifications to our caustic handling facilities. We have designed and constructed a new bunded caustic storage area on the lower ground floor. It is was planned to relocate the existing caustic storage tanks into this area however insufficient clearance was found to be available preventing removal of the tanks from their present location in tact. We are currently sourcing new tanks and would request an extension of one month to complete the work.

The two concentrated caustic storage tanks currently being used while not positioned within sufficiently large local bunding both drain into the site trade waste system. This would effectively contain any leakage from either tank.

The small leak on the fill point identified in the notice was rectified immediately.

Regards,

A handwritten signature in black ink, appearing to read "Tom".

Thomas P. Flynn
Coffee Processing Manager

1800

RECEIVED
JAN 10 1800



L.J. CONSULTING & DRAFTING PTY. LTD.

(Incorporated in N.S.W.)

A.C.N. 003 921 426

2 Bowman Avenue, Camden, NSW, 2570

■ P.O. Box 6, Narellan, NSW, 2567

☎ (046) 55 7609. Mobile 018 473206

Fax: (046) 55 8507

May 26, 1994.

Unifoods,
160 Burwood Road,
CONCORD, 2137.

Attention: Thomas Flynn - Coffee Process Manager.

Dear Sir,

Re: Liquid Nitrogen Vessels

Ref: C.I.G. Drawing No. A3-92/3599 Revision A

Following our inspection of your liquid nitrogen vessel installation we wish to report that, in our capacity as WorkCover accredited consultants, we believe that your installation complies with Dangerous Goods Regulation 1978 and Australian Standard 1894-1976.

In particular, we inspected the safety valve and trycock lines, which in both cases, are vented outside the building as required by Dangerous Goods Regulation 1978:

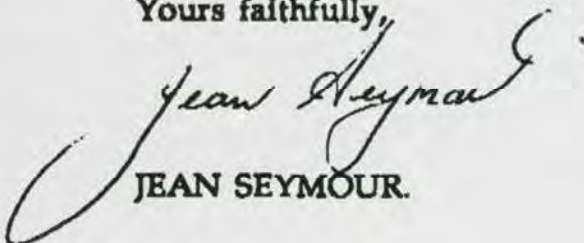
Clause 126.2b

The depot shall be situated within a building and vented to a location that is not in a building or within 1 metre of any other opening into a building.

Enclosed are two stamped and signed copies of the drawing for your records. The drawing has been revised by us to "as installed".

Should you require any further information, please feel free to contact us.

Yours faithfully,



JEAN SEYMOUR.

Copy to C.I.G. Installations, Parramatta.

Reference

WORKCOVER AUTHORITY



unifoods

Fax: 8418599.

A division of Unilever Australia Ltd

A.C.N. 004 050 828

Factory Address:

160 Burwood Road, Concord
New South Wales 2137

Telephone (02) 747 9400

Facsimile (02) 747 9600

Postal Address:

Private Bag No. 2

Epping

New South Wales 2121

Australia

Joanna Fielding
Workcover Authority
400 Kent Street
SYDNEY NSW 2000

Parramatta

8418599

25 July 1994

Dear Ms Fielding,

In relation to the Improvement Notices regarding to the liquid nitrogen and caustic storage facilities at this site.

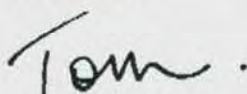
Following your visit CIG were contacted to advise us on the venting of the bulk Nitrogen storage tanks. You should have received a copy of a letter from their consultants dated 26/5/94 (attached) confirming that in their opinion the installation complies with the requirements of the Dangerous Goods regulations. The ammended drawings have also now been included in our Nitrogen Installation manual.

In relation to the storage of Caustic Soda, we have been discussing with Ross Underwood of Safety Engineering and Technical Services modifications to our caustic handling facilities. We have designed and constructed a new bunded caustic storage area on the lower ground floor. It is was planned to relocate the existing caustic storage tanks into this area however insufficient clearance was found to be available preventing removal of the tanks from their present location in tact. We are currently sourcing new tanks and would request an extension of one month to complete the work.

The two concentrated caustic storage tanks currently being used while not positioned within sufficiently large local bunding both drain into the site trade waste system. This would effectively contain any leakage from either tank.

The small leak on the fill point identified in the notice was rectified immediately.

Regards,



Thomas P. Flynn
Coffee Processing Manager

Reference

WORKCOVER AUTHORITY



WorkCover Authority of New South Wales

Occupational Health and Safety Act, 1983

STATISTIC:
COP

WORKCOVER
AUTHORITY

INSPECTORS NOTICE

34346

Inspector: Joanna Fielding

This improvement notice/prohibition notice* is issued by the above named inspector under the Occupational Health and Safety (Inspectors' Notices) Regulation 1988

to: Elizabeth Sandwith employee
of Unifoods on 26/04/1994

IMPROVEMENT NOTICE (Clause 5)

In the opinion of the inspector you

(a) are contravening

(b) have contravened in circumstances that make it likely that the contravention will continue or be repeated*

Section 15 of the Occupational Health and Safety Act 1983

and/or Clause — of the —

Regulation 19

You are required to remedy the contraventions or likely contraventions before 26.07.94 19—

PROHIBITION NOTICE (Clause 6)

In the opinion of the inspector there is occurring or may occur at a place of work an activity which involves or will involve an immediate risk to the health or safety of any person. The activity giving rise to the opinion is:

The Inspector is of the opinion that the activity involves a

contravention or likely contravention of Section — of the

Occupational Health and Safety Act 1983 and/or Clause — of

the — Regulation 19

In accordance with this clause you are prohibited from carrying on the activity until the matters which give rise or will give rise to the risk are remedied.

REASONS FOR OPINIONS/INSTRUCTIONS

The reasons for the opinion of the inspector issuing the notice are:

the storage of caustic soda
(dangerous goods of class
8) is not compliant with
the requirements of clauses
170-171 of the Dangerous Goods Regs.

The measures to be taken to remedy any contravention, likely contravention, risk, matters or activities to which the notice relates are:

- ① bund areas as required by the regulations
- ② amend licence (logbook name) as appropriate.
- ③ ensure that all fill points are to
good engineering design and not leaking
(see lower ground floor near gout hopper).

Employer's Legal Name or Person — please print

UNILEVER (NSW) PTY LTD

Employer's Trading Name

UNIFOODS

Address where inspection took place — please include postcode

160 BURWOOD RD

CONCORD

2137

Sub Location

Contact Name — Employer's Representative

E. Sandwith

Position

OHS NURSE

Contact Name — Employee's Representative

GUY SANDS

Position

C.P. SAFETY

Other Employer — name and address

—

Pimatta

Telephone

841-8530

Office

Office Code

—

Industry Code

—

Workplace Safety Committee

☒

Number of persons normally employed at this location

1-19

Reason for visit

1. Advisory inspection
2. Registration/Licensing inspection
3. Request by Employer
4. Request by Health and Safety Committee
5. Request or complaint by Employee
6. Request or complaint by Public
7. Request or complaint by Union
8. Anonymous complaint
9. Accident investigation
10. Regional projects
11. Other reason

20-49

50+

☒

Supervisor

Date

Follow up date

OUTCOME

Compliance

Prosecution recommended

Section or Regulation

Date

* delete that which is inapplicable



WorkCover Authority of New South Wales

Occupational Health and Safety Act, 1983

STATISTICS
COPY

INSPECTORS NOTICE

34347

Inspector: Joanna Fielding

This improvement notice/prohibition notice* is issued by the above named Inspector under the Occupational Health and Safety (Inspectors' Notices) Regulation 1988

to: Elizabeth Sandwin OHS
Nurse - UNIFOODS on 26.10.94

IMPROVEMENT NOTICE (Clause 5)

In the opinion of the inspector you

- (a) are contravening*
(b) have contravened in circumstances that make it likely that the contravention will continue or be repeated*

Section 15 of the Occupational Health and Safety Act 1983
and/or Clause _____ of the _____

Regulation 19

You are required to remedy the contraventions or likely contraventions before 26.07.94 19

PROHIBITION NOTICE (Clause 6)

In the opinion of the inspector there is occurring or may occur at a place of work an activity which involves or will involve an immediate risk to the health or safety of any person. The activity giving rise to the opinion is:

The inspector is of the opinion that the activity involves a contravention or likely contravention of Section _____ of the Occupational Health and Safety Act 1983 and/or Clause _____ of the _____ Regulation 19

In accordance with this clause you are prohibited from carrying on the activity until the matters which give rise or will give rise to the risk are remedied.

REASONS FOR OPINIONS/INSTRUCTIONS

The reasons for the opinion of the inspector issuing the notice are:

Liquid Nitrogen not stored in compliance with clause 126 (2) of the Dangerous Goods Regs.

The measures to be taken to remedy any contravention, likely contravention, risk, matters or activities to which the notice relates are:

- ① move the vessels
- ② show how they comply with clause 126(2)
- ③ obtain an exemption from the Chief Inspectors of Dangerous Goods (3705164)
- ④ provide plans stamped by an accredited consultant for addition to the P.G. Licence.

Employer's Legal Name or Person — please print

UNILEVER (AUST) PTY LTD

Employer's Trading Name

UNIFOODS

Address where inspection took place — please include postcode

160 BURWOOD RD
CONCORD

2137

Sub Location

Contact Name — Employer's Representative

Position

Elizabeth Sandwin OHS Nurse

Contact Name — Employee's Representative

Position

Guy Sands OHS Com Pers

Other Employer — name and address

Pimatta

Office

Telephone

841 8550

Office Code

Industry Code

Workplace Safety Committee ☒

Number of persons normally employed at this location

1 - 19

Reason for visit

1. Advisory inspection
2. Registration/Licensing inspection
3. Request by Employer
4. Request by Health and Safety Committee
5. Request or complaint by Employee
6. Request or complaint by Public
7. Request or complaint by Union
8. Anonymous complaint
9. Accident investigation
10. Regional projects
11. Other reason

20 - 49

50 + ☒

Supervisor

Date

Follow up date

OUTCOME

Compliance ☐

Prosecution recommended ☐

Section or Regulation

Date

* delete that which is inapplicable

Reference



WORKCOVER AUTHORITY



SCIENTIFIC SERVICES BRANCH
Dangerous Goods Licensing
Ph (02) 370 5187 Fax (02) 370 6105

Licensee UNIFOODS P/L ACN 004 050 828
PRIVAGE BAG 2 P O
EPPING 2121

LICENCE FOR THE KEEPING OF DANGEROUS GOODS

ISSUED UNDER AND SUBJECT TO THE PROVISIONS OF THE DANGEROUS GOODS ACT, 1975 AND REGULATION THEREUNDER

Licence Number 35/005234 Expiry Date 16/12/95
Licensee Contact Tom Flynn Ph. 747 9400 Fax. 747 9600

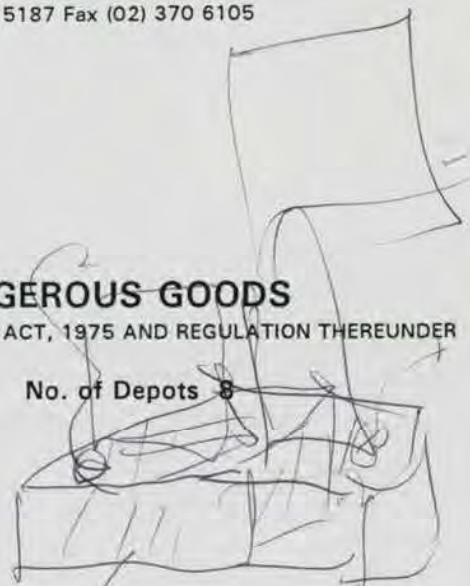
No. of Depots 8

Premises Licensed to Keep Dangerous Goods
160 BURWOOD RD
CONCORD 2137

Nature of Site FOOD PRODUCTS NEC

Emergency Contact for this Site Jim Begnell / Tom Flynn 747 9400 24 hrs 7 days

Major Supplier of Dangerous Goods VARIOUS



DETAILS OF DEPOTS

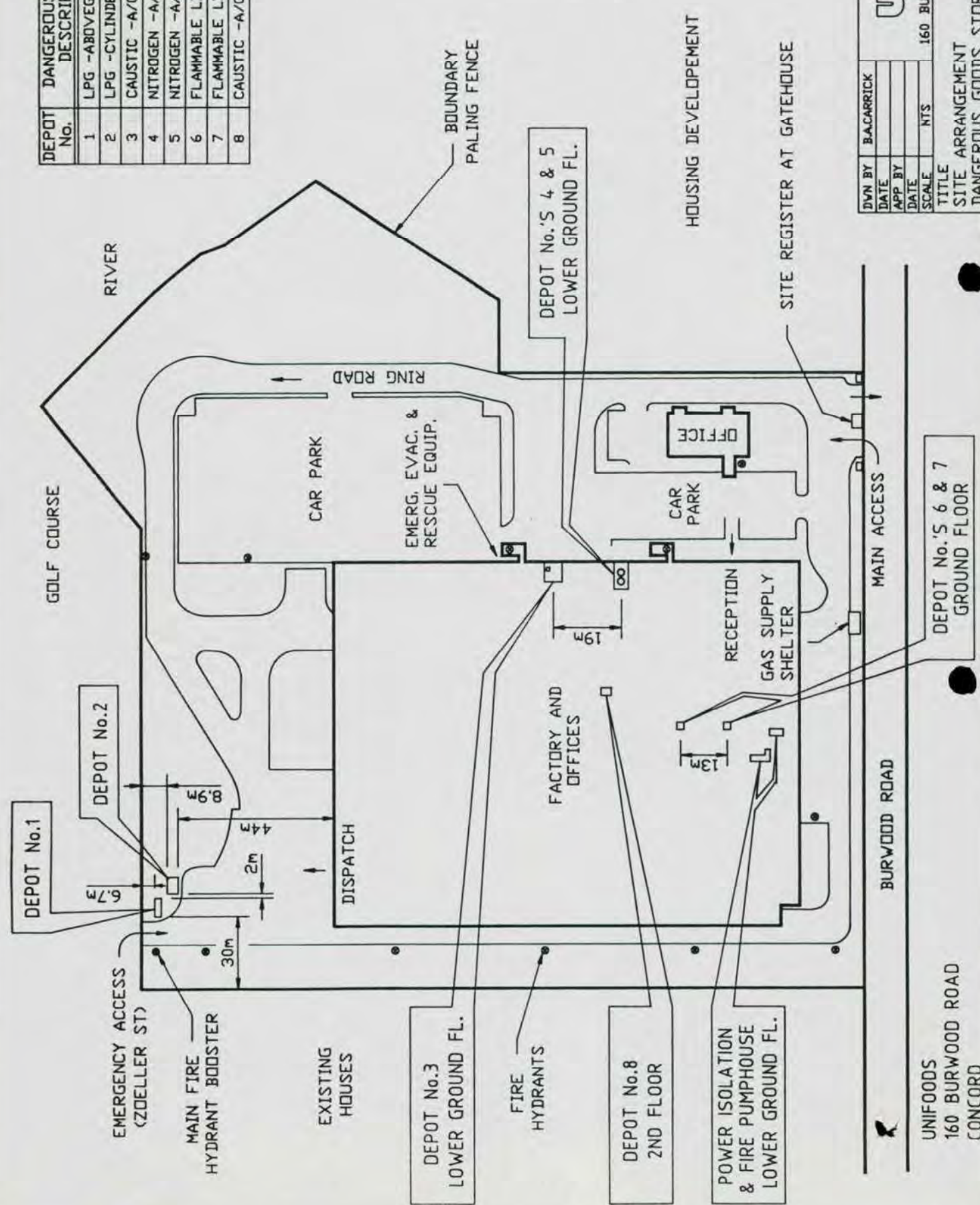
Depot No.	Depot Type	Goods Stored in Depot	Qty
1	ABOVEGROUND TANK	Class 2.1 UN 1075 PETROLEUM GASES, LIQUE	4200 L 2100 L
2	CYLINDER STORE	Class 2.1 UN 1075 PETROLEUM GASES, LIQUE	300 L 150 L
3	ABOVEGROUND TANK	Class 8 UN 1824 SODIUM HYDROXIDE SOLUT	1500 L 1500 L
4	ABOVEGROUND TANK	Class 2.2 UN 1977 NITROGEN, REFRIGERATED	2500 L 2000 L
5	ABOVEGROUND TANK	Class 2.2 UN 1977 NITROGEN, REFRIGERATED	2500 L 2000 L
6	FLAMMABLE LIQUID CABINET	Class 3 UN 2810 POISONOUS LIQUID, N.O.	300 L 200 L
7	FLAMMABLE LIQUID CABINET	Class 3 UN 2810 POISONOUS LIQUID, N.O.	300 L 200 L
8	ABOVEGROUND TANK <i>Cheng</i>	Class 8 UN 1824 SODIUM HYDROXIDE SOLUT	2000 L 2000 L

PLEASE RETAIN AS PROOF OF LICENCE

Issued by Chief Inspector of Dangerous Goods on 23 February 1994

400 Kent Street Sydney NSW 2000 Phone (02) 370 5000 Fax (02) 370 5999 DX 480 Sydney
All correspondence to Locked Bag 10 Clarence St Sydney 2000
New South Wales Government

DEPOT No.	DANGEROUS GOODS DESCRIPTION	CLASS No.
1	LPG -ABOVEGROUND TANK	2.1
2	LPG -CYLINDER STORE	2.1
3	CAUSTIC -A/GROUND TANK	8
4	NITROGEN -A/GROUND TANK	2.2
5	NITROGEN -A/GROUND TANK	2.2
6	FLAMMABLE LIQUIDS STORE	3
7	FLAMMABLE LIQUIDS STORE	3
8	CAUSTIC -A/GROUND TANK	8



UNIFOODS	160 BURWOOD ROAD	CONCORD
DVN BY	BACARRICK	
DATE		
APP BY		
DATE		
SCALE	NTS	
TITLE	SITE ARRANGEMENT DANGEROUS GOODS STORAGE	
SHEET	DF	
DRAWING NO.	PROP68	
REV	A	

UNIFOODS
160 BURWOOD ROAD
CONCORD

PART D

Checklist for keeping licence application for class 6.1 (poisons) or class 8 (corrosives).

Please answer ALL questions by stating YES, NO or NOT APPLICABLE (N/A) in the box provided.

A separate checklist is required for each individual depot to be licensed; if more than one checklist is completed state the depot number to which the checklist applies:

8

1. Storage area clearly identified with appropriate diamond sign (250 x 250 mm), sign is visible from all approaches YES
2. The storage area is 5 m or more away from:
 - (a) other classes of dangerous goods YES
 - (b) easily combustible materials include flammable liquids, waste paper, rags, hay, sawdust, dry grass, shrubs and overhanging tree branches YES
 - (c) anything that could cause harmful reactions with the poisons (such as acids) or with the corrosives (such as incompatible corrosives, oxidisers) YES
 - (d) foodstuffs (applies to class 6.1 only) N/A
3. Spillage containment provided for liquids,
in packages, 25% of total quantity, or
in tanks, 100% of largest or single tank YES
* Spillage baffle installed - see letter
4. At least one fire extinguisher Type 2A60B(E) (9 kg dry chemical) is
 - (a) easily accessible in or near the storage YES
 - (b) serviced every 6 months YES
5. All packages containing 500 mL or grams or more are at least marked with the appropriate diamond sign and the correct technical name YES
6. I certify that the details on this form are correct

Signature of applicant

F.A. Sandwith

13 / 12 / 93

Date

PART D

Checklist for keeping licence application for class 6.1 (poisons) or class 8 (corrosives).

Please answer ALL questions by stating YES, NO or NOT APPLICABLE (N/A) in box provided.

A separate checklist is required for each individual depot to be licensed; if more than one checklist is completed state the depot number to which the checklist applies:

3

1. Storage area clearly identified with appropriate diamond sign (250 x 250 mm), sign is visible from all approaches YES
2. The storage area is 5 m or more away from:
 - (a) other classes of dangerous goods YES
 - (b) easily combustible materials include flammable liquids, waste paper, rags, hay, sawdust, dry grass, shrubs and overhanging tree branches YES
 - (c) anything that could cause harmful reactions with the poisons (such as acids) or with the corrosives (such as incompatible corrosives, oxidisers) YES
 - (d) foodstuffs (applies to class 6.1 only) N/A
3. Spillage containment provided for liquids,
in packages, 25% of total quantity, or
in tanks, 100% of largest or single tank YES
4. At least one fire extinguisher Type 2A60B(E) (9 kg dry chemical) is X
 - (a) easily accessible in or near the storage YES
 - (b) serviced every 6 months YES
5. All packages containing 500 mL or grams or more are at least marked with the appropriate diamond sign and the correct technical name YES
6. I certify that the details on this form are correct

Signature of applicant

E.A. Sanderth

13/12/93



WORKCOVER AUTHORITY

LICENCE TO KEEP DANGEROUS GOODS

(Dangerous Goods Act 1975)

Application for new licence, amendment or transfer

1. Name of applicant		ACN
UNIFOODS PTY. LTD		004050828
2. Site to be licensed		
No	Street	
160	BURWOOD ROAD,	
Suburb/Town		Postcode
CONCRRD		2137
3. Previous licence number (if known) 35/005234		
4. Nature of site COFFEE MANUFACTURING		
5. Emergency contact on site:		
Phone	Name	
(02) 747-9400	JIM BEGNELL TOM FLYNN	
6. Site staffing: Hours per day 24 Days per week 7		
7. Major supplier of dangerous goods ELGAS/C.I.G./LEVER INDUSTRIAL		
8. If new site or significant modification		
Plan stamped by:	Accredited consultant's name:	Date stamped
	ROSS UNDERWOOD	13/12/93
9. Number of dangerous goods depots at site 8		
10. Trading name or occupier's name		
UNIFOODS PTY. LTD		
11. Postal address of applicant		
Suburb/Town		Postcode
PRIVATE BAG 2		EPPING, N.S.W. 2121
12. Contact for licence enquiries:		
Phone	Fax	Name
(02) 747-9400	(02) 747-9600	TOM FLYNN
I certify that the details contained in this application (or the accompanying computer disk) are true and correct		
13. Signature of applicant		Date
F. A. Sandwell		14/12/93

PART C

CHEMICAL STORAGE

Complete 1 section per depot

If you have more depots than the space provided, photocopy sufficient sheets first.

Depot number	Type of depot	Class			Licensed maximum storage capacity		
1	ABOVE GROUND TANK	2.1			4.2 KL		

UN number	Shipping name	Pkg. Class Group EPG			Product or common name	Typical quantity	Uniteg. L, kg, m³
	LIQUIFIED	2.1	-	EPG	ELGAS	2,100	KL
	PETROLIUM GAS (L.P.G.)				REG. NO. 213439		

Depot number	Type of depot	Class			Licensed maximum storage capacity		
2	CYLINDER STORE	2.1			300		

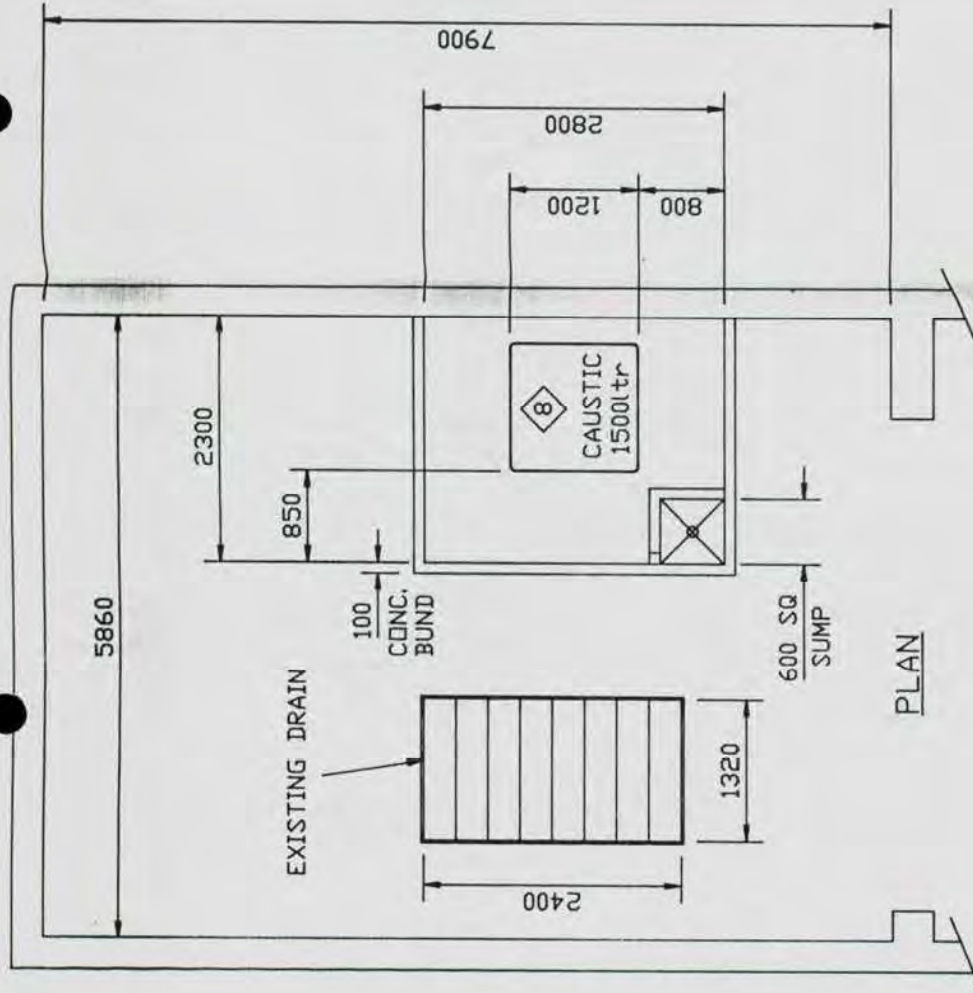
UN number	Shipping name	Class	Pkg. Group	EPG	Product or common name	Typical quantity	Uniteg. L, kg, m³
	LIQUIFIED	2.1	-	EPG	ELGAS	150	L
	PETROLIUM GAS						

Depot number	Type of depot	Class			Licensed maximum storage capacity
3	ABOVE GROUND TANK	8			1,500

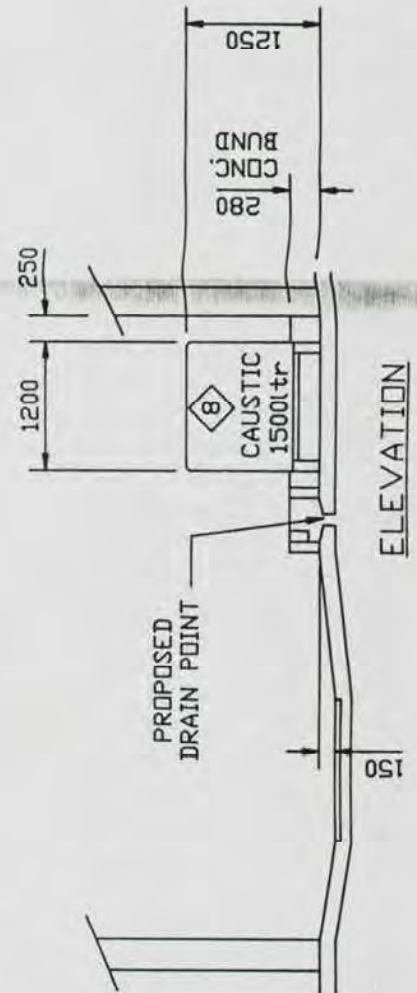
UN number	Shipping name	Class	Pkg. Group	EPG	Product or common name	Typical quantity	Uniteg. L, kg, m³
1824	SODIUM HYDROXIDE	8	II	8AI	PH CONTROL	1,500	L
	50						

Depot number	Type of depot	Class			Licensed maximum storage capacity		
4	ABOVE GROUND TANK	2 1			2,500 L		

UN number	Shipping name	Pkg. Class	Group	EPG	Product or common name	Typical quantity	Uniteg. L, kg, m³
1977	LIQUID NITROGEN	2		2C3	LIQUID NITROGEN	2,000	L



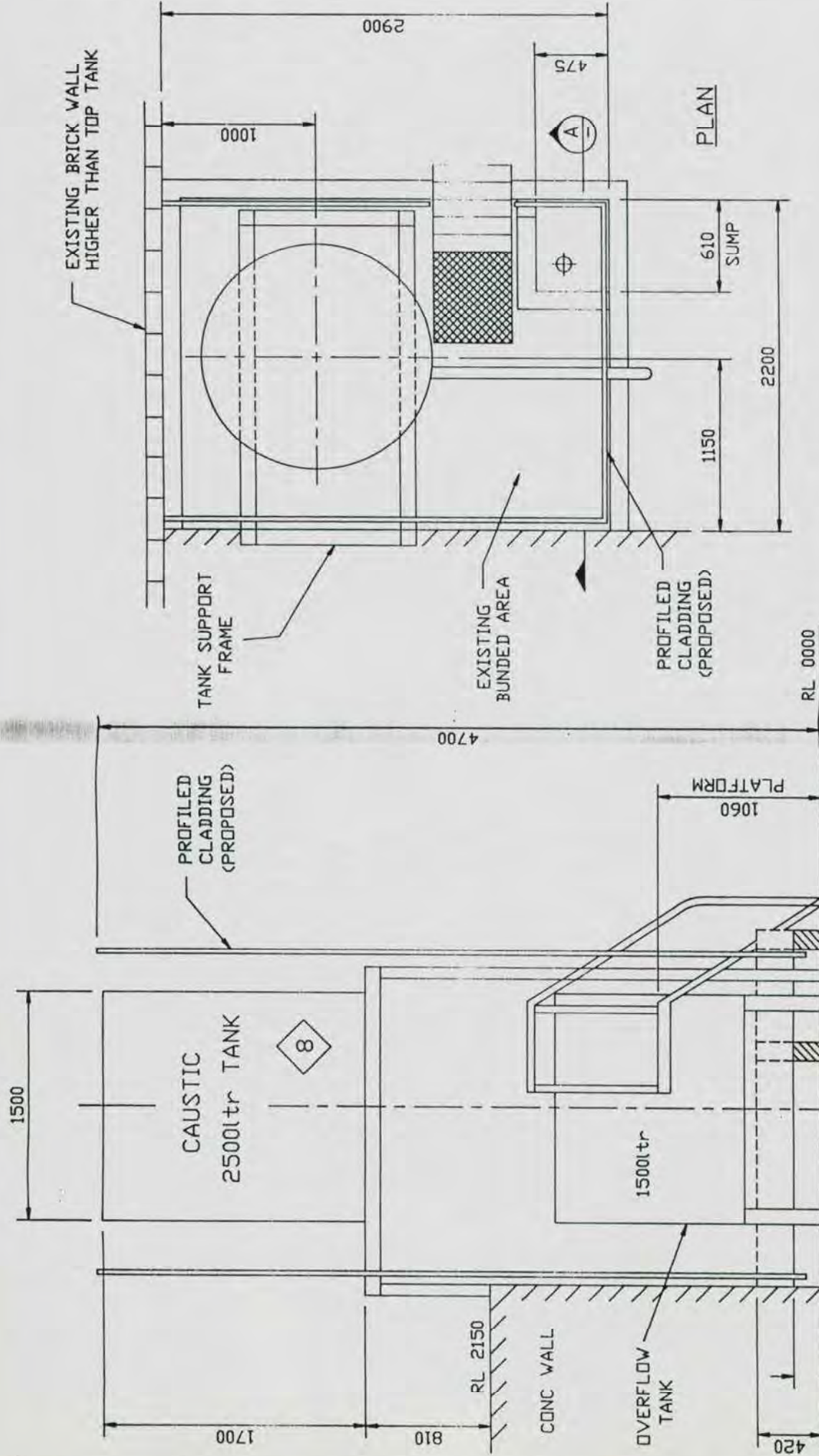
PLAN



ELEVATION

Dangerous Goods Act NSW
1975 and Austr. Standard
AS
Signed for SAFETY ENGINEERING
AND TECHNICAL SERVICES PTY. LTD.
Andrew Date: 12/12/13

DWN BY	B. CARRICK	unifoods	160 BURWOOD ROAD	CONCORD	SHEET	DF
DATE						
APP BY						
DATE						
SCALE	1:50					
TITLE	BUNDING ARRANGEMENT					
	L.G. FLOOR CAUSTIC STORAGE					
					DRAWING NO.	REV
					PROP63	A



This plan conforms to the
 Dangerous Goods Act NSW
 1975 and Aust. Standard
 AS
 Signed for SAFETY ENGINEERING
 AND TECHNICAL SERVICES PTY. LTD.
Shindawer Date: 12/12/93

DWN BY	BACARRICK	unifoods	160 BURWOOD ROAD	CONCORD
DATE				
APP BY				
DATE				
SCALE	1:25			
TITLE	BUNDING ARRANGEMENT			
	2ND FLOOR CAUSTIC STORAGE			
SHEET	OF	DRAWING NO.	REV	
		PROP64	A	

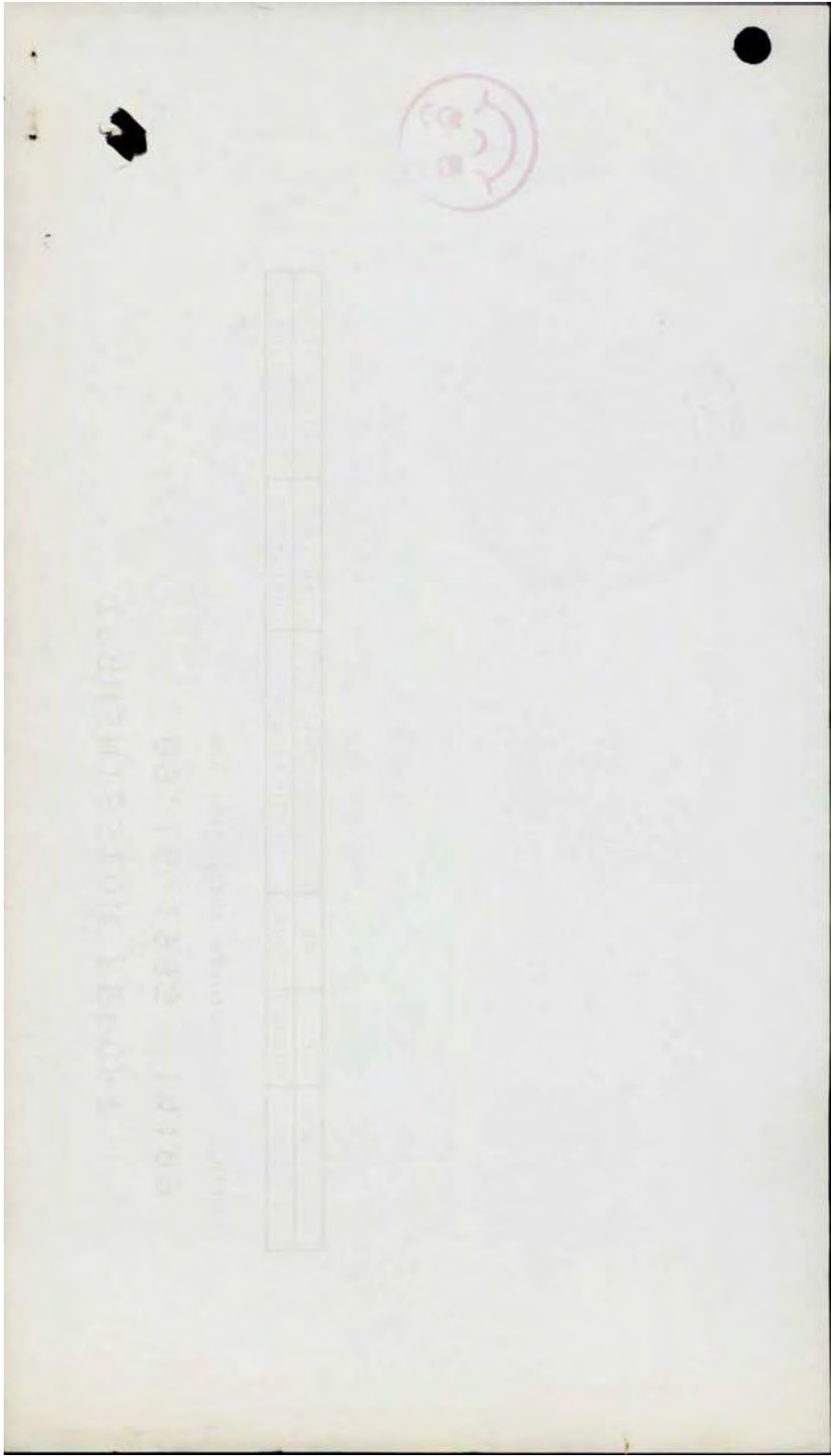
TRANSMISSION REPORT

09.16.1993 14:09

WCA SCIENTIFIC SERVICES (02) 3706105

DATE TIME	DURATION	REMOTE ID	MODE	PAGES	RESULT
09.16 14:07	01'01"	612 747 9600	G3	2	O.K.





unifoods

Home of
Bushells

PLEASE ADVISE IF THERE WERE ANY TECHNICAL PROBLEMS WITH RECEIPT OF THIS MESSAGE

ADDRESS: 160 Burwood Road
CONCORD NSW 2137
AUSTRALIA

TELEPHONE: (02) 747 9400
FACSIMILE: (02) 747 9600
REF: 038

FROM ~~TO~~ : Senior Licensing Clerk
(Dangerous Goods)

SENDER: E. Sandwith

DATE : 16 September 1993

FAX NO :

SCIENTIFIC SERVICES
BRANCH
16 SEP 1993
DANGEROUS
GOODS

I would appreciate it if you could forward me (either by fax or post, as soon as possible) a copy of our previous Dangerous Goods application - Licence No. 35-005234.

The previous manager who dealt with the application has recently left the company and I am having difficulty locating a copy.

I realise the information regarding dangerous goods on site has to be revised to apply for a new licence, but I feel a copy of the previous application will aid me in this task.

Please do not hesitate to contact me should you have any queries.

Regards

E.A. Sandwith

TO ELIZABETH SANDWITH
Occupational Health and Safety Nurse

*licence expired March 93
Dtd details of previous licence
follows
P. Will
Per. Chief Inspector, Dangerous Goods
16/9/93*

SCIENTIFIC SERVICES BRANCH
Dangerous Goods Licensing
Ph (02) 370 5187 Fax (02) 370 6105

Licensee UNILEVER AUST LTD
UNIFOODS P/L
BOX 162 P O
CONCORD 2137

~~RENEWAL NOTICE FOR LICENCE FOR THE KEEPING OF DANGEROUS GOODS
ISSUED UNDER AND SUBJECT TO THE PROVISIONS OF THE DANGEROUS GOODS ACT, 1975 AND REGULATION THEREUNDER~~

Licence Number 35/005234 Expiry Date 15/03/93 No. of Depots 10
Licensee Contact Ph. 747 9400

Premises Licensed to Keep Dangerous Goods
160 BURWOOD RD
CONCORD 2137

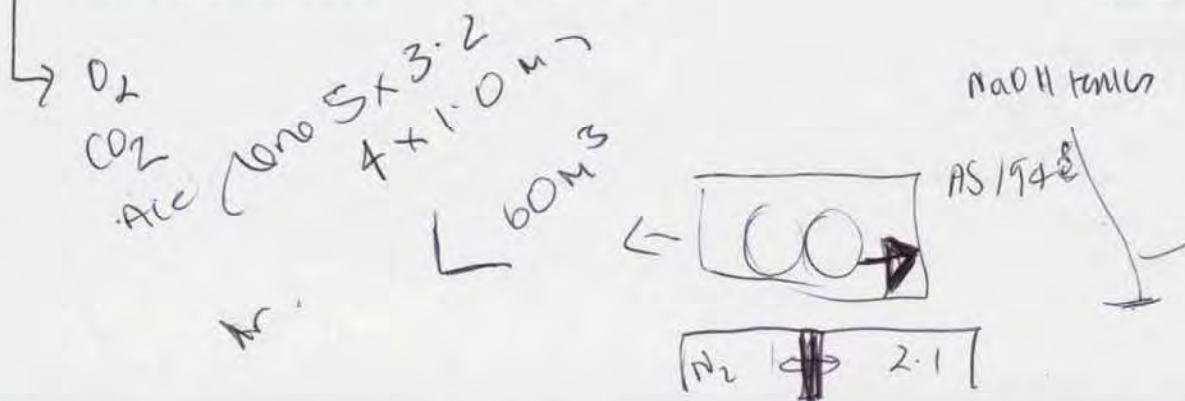
Nature of Site PRIVATE DWELLING

Emergency Contact for this Site

Major Supplier of Dangerous Goods NOT APPLICABLE

DETAILS OF DEPOTS

Depot No.	Depot Type	Goods Stored in Depot	Qty
1	UNDERGROUND TANK	Class 3	10000 L
10	ABOVEGROUND TANK	Class 2.2/2.	2500 L <i>LN2</i>
2	UNDERGROUND TANK	Class 3	20000 L
3	UNDERGROUND TANK	Class 3	5000 L
4	UNDERGROUND TANK	Class 3	5000 L
5	ABOVEGROUND TANK	Class 2.1	5000 L
6	ROOFED STORE	Class 3	300 L
7	ROOFED STORE	Class 3	300 L <i>2008</i>
8	CYLINDER STORE	Class 2.1 →	- 300 L-
9	ABOVEGROUND TANK	Class 2.2/2.	2500 L <i>LN2</i>



0096 6th6

file LS

unifoods

35005234

ACN 000 608 079

PLEASE ADVISE IF THERE WERE ANY TECHNICAL PROBLEMS WITH RECEIPT OF THIS MESSAGE

ADDRESS: 160 BURWOOD ROAD
CONCORD, NSW 2137
(P.O. BOX 162, CONCORD)
AUSTRALIATELEPHONE: (61) (02) 747 9400
FACSIMILE: (61) (02) 747 9600TO: Dangerous Goods Licensing Branch.SENDER: Chris. SpratteOF: WorkCover Authority.TOTAL NUMBER OF PAGES: 1
(Including this one)DATE: 24/2/92FACSIMILE NO: 370 5999

Could you please send me any information you have available regarding the licence(s) that UNIFOODS have w.r.t LPG storage. (Tank or cylinders). The licence in question begins with the digits "35".

Now the
send packing
done
NY LS 5/7
2/7/93

Regards.

C. Spratte

Chris. Spratte.

to be scanned



sent DG. 1 + letter of procedures
+ list of Consultants - for extra LPG cylinder store

LS
26.2.92

2b00linu



Department of Industrial Relations

DANGEROUS GOODS ACT, 1975



R/S 4
LICENCE No.

35-005234-1

APPLICATION FOR LICENCE (or AMENDMENT or TRANSFER of LICENCE)* FOR THE KEEPING OF DANGEROUS GOODS

Enclosed is the fee of \$ 15

(* delete whichever is not required)

FEE: \$15.00 per Depot for new licence.
\$15.00 for amendment or transfer. ✓

Name of Applicant in full (see Item 1 - Explanatory notes - page 4)	BUSHBILLS P/L		
Trading name or occupier's name (if any)			
Postal Address	P.O. BOX 162 CONCORD	Postcode	2137
Address of the premises to be licensed. (Including Street No.)	160 BURWOOD RD. CONCORD	Postcode	2137
Nature of premises (See Item 2 - Explanatory notes - page 4)	FACTORY		
Telephone number of applicant	STD Code 02	Number	7450044

Particulars of type of depots and maximum quantities of dangerous goods to be kept at any one time.

Depot number	Type of depot (See item 3 - Explanatory notes - page 4)	Storage capacity	Dangerous goods		C & C Office use only
			Product being stored		
1	Underground tank	13 620	350052341	2.1	00 0071200
2	"	15000	209011 18/02/87 CHQ	3.1	2 02014
3	"	5000	3.1	"	\$15.00
4	"	5000	3.1	"	2 02024
5	Aboveground "	4575	2.1	L.P. Gas.	2 02053
6	20000 Litre Steel	250 LIT	3.1	Various	2 02053
7	"	250 LIT	3.1	"	1 10053
8					6 02032
9					6 02032
10					
11					
12					

DATA ENTERED
26 FEB 1987
OPERATOR THREE

DATA ENTERED
26 FEB 1987
OPERATOR THREE

Has site plan been approved by the Dangerous Goods Branch?	Yes <input checked="" type="checkbox"/> No	If yes, no plans required. If no, please attach site plan, or provide sketch plan overleaf.
Have premises previously been licensed?	Yes <input checked="" type="checkbox"/> No	If, yes, state name of previous occupier, and licence No. (if known).
Name of oil company supplying flammable liquid (if applicable).	Various	
Signature of applicant	K. Butcher	Date 12.2.87
For external explosives magazine(s), please fill in page 3.		

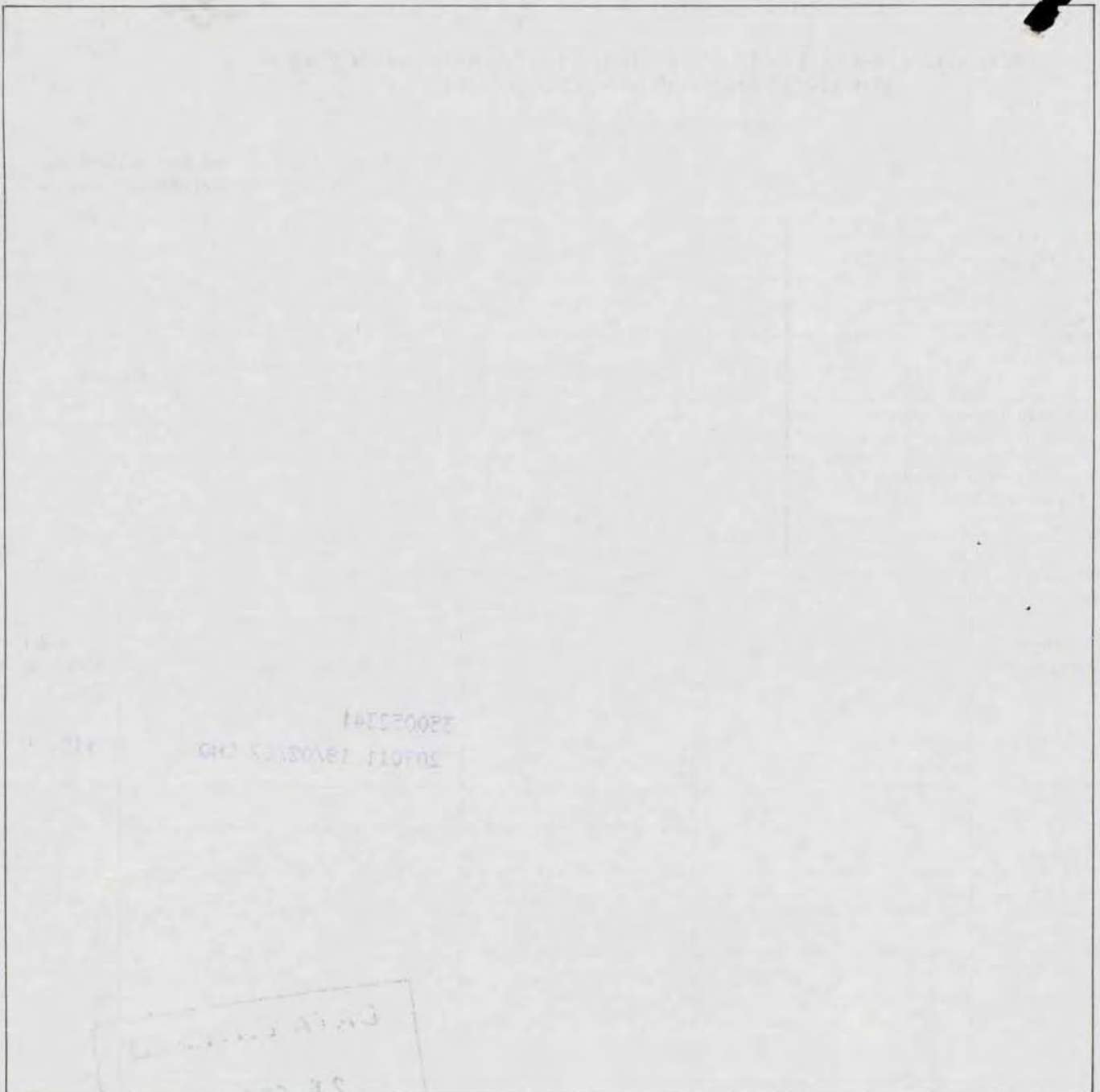
FOR OFFICE USE ONLY

CERTIFICATE OF INSPECTION

I, Richard Chilvers being an Inspector under the Dangerous Goods Act, 1975, do hereby certify that the premises described above do comply with the requirements of the Dangerous Goods Act, 1975, and the Dangerous Goods Regulation with regard to their situation and construction for the keeping of dangerous goods of the nature and in the quantity specified.

Signature of Inspector R. Chilvers Date 4.3.87

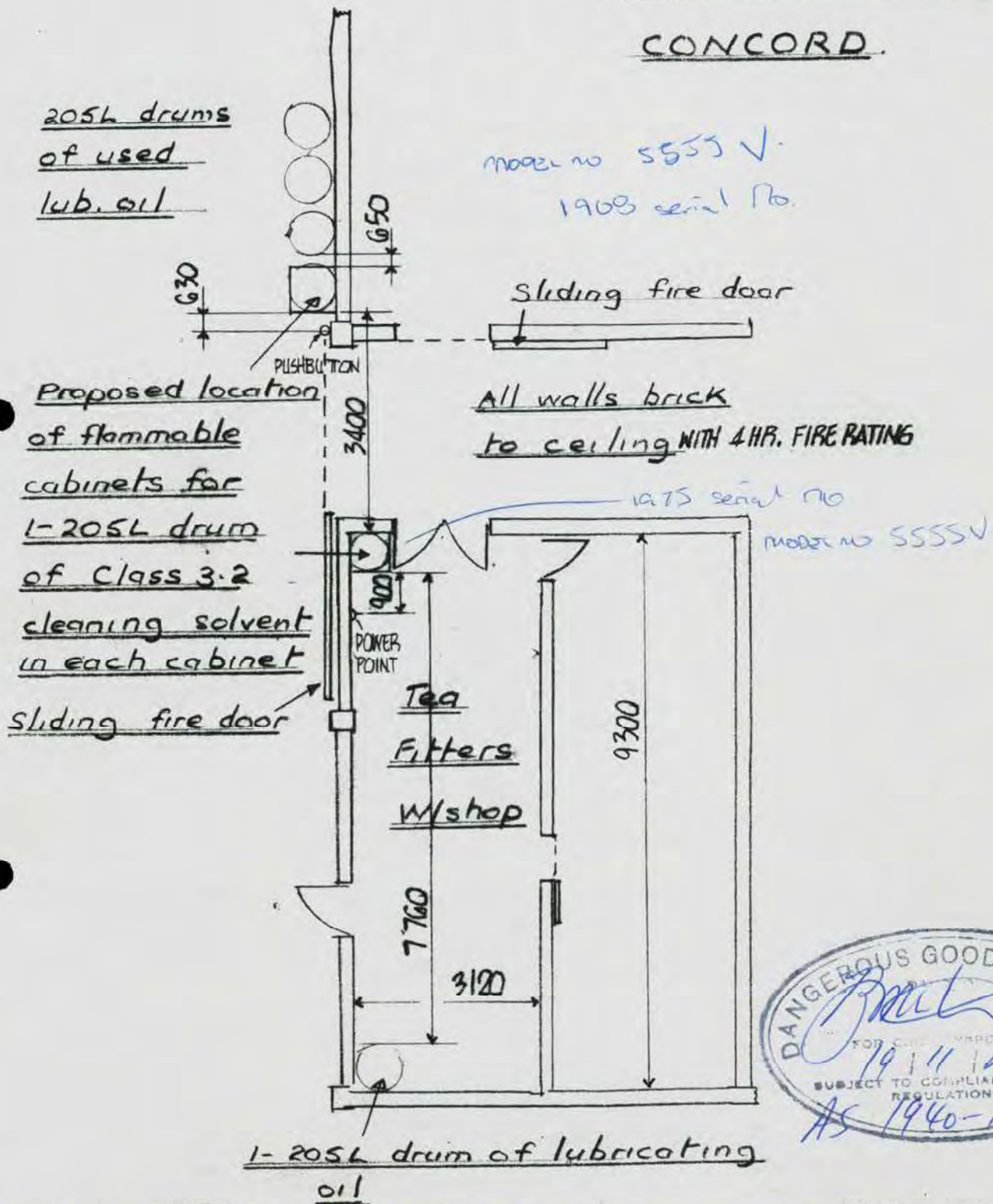
SKETCH PLAN OF SITE



Show positions of Depot(s) with: -

- (1) distances from public places and protected works;
- (2) street names;
- (3) nature and details of adjacent properties.

PROPOSED LOCATION
OF 2- FLAMM. STORAGE
CABINETS AT BUSHELLS
160 BURWOOD RD.
CONCORD.



BUSHELLS

Drawn: K.B. Date 12.11.86



P/R 2154

Bushells Pty Limited

(INCORPORATED IN NSW)

PO BOX 162 CONCORD NSW 2137 Telephone: 745 0044
Telex: 23516 Telegrams: Bushells Sydney

35 005234

24th October 1986

The Chief Inspector,
Dangerous Goods Branch,
Department of Industrial Relations
P.O. Box 847
DARLINGHURST, N.S.W. 2010

Attention Mr. J.R. Chilvers

Dear Sir,

Further to your letter of the 28th August 1986 regarding rectification work required on the Flammable Liquid Store, Distillate Tank and provision of Fire Extinguishers in nominated areas. To date the following work has been carried out:-

- 1) All class 3.1 and 3.2 liquids have been removed from the store and discarded except for a 205 litre drum of kerosene which will be stored in isolation from other flammable liquids in the main fitters workshop.

The only flammable liquids which still remain in the store are about 1,000 litres of lubricating oil in 20 litre drums and a 205 litre drum of class 3.2 cleaning solvent which will be relocated in the tea fitters workshop when the flammable liquids cabinets have been delivered. After this material is removed, it is not intended to store any other flammable liquids in this area other than the lubricating oil.

- 2) The bund wall has been constructed in front of the distillate tank in accordance with the approved drawing.
- 3) One fire extinguisher of the approved type has been located at each of the points indicated and non-approved types withdrawn.
- 4) We propose to construct a used oil supporting stand to accommodate a maximum of 4 x 205 litre drums at a point outside the main factory adjacent to the green bean unloading ramp. This location will provide ready access for the oil removal tanker and is well clear of all the other flammable liquids.



- 5) Enclosed are two copies of a sketch showing the proposed location of 2 flammable liquids cabinets and lubricating oil which it is proposed will be stored in the same area as shown.

Your approval or otherwise of the proposals shown on the sketch would be appreciated in due course.

Yours faithfully,
BUSHELLS PTY. LIMITED



K.B. Butler
PLANT ENGINEER

KBB/LS

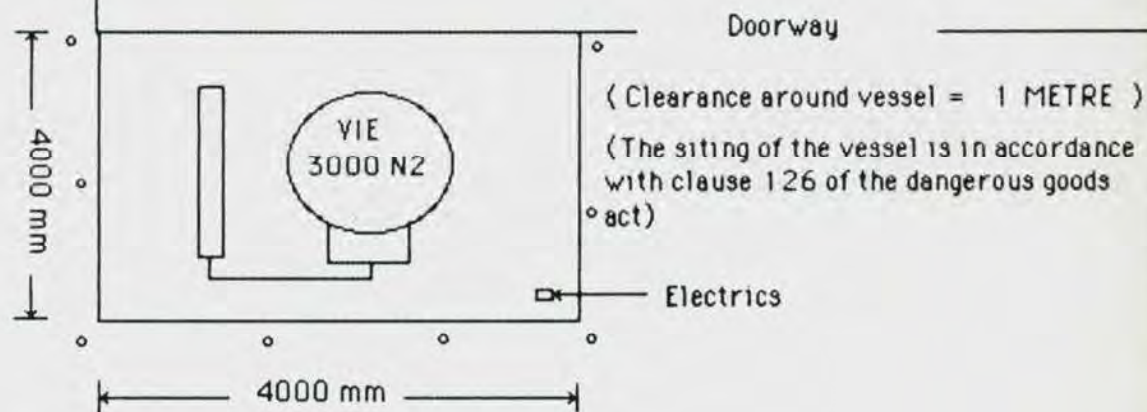


ELECTRICS FOR TRANSPORT

Install an electrical power outlet of 415V, 3 phase 30 amp 4 Wire using a ROWCO XD 9430 socket with switch (or equivalent Wilco-Wicm 430 socket with switch). Motor starter fuse links TIA 30/50A in a 30 amp fuse holder are also necessary. The power outlet is to be positioned one (1) metre above ground level and should be attached to a wall or suitable stand no more than 3 metres from the vessel controls.

CONCRETE SLAB SPECIFICATIONS

4000#4000#200 - 40 MPa with 7 day curing time
F82 Top & F92 Bottom 50 mm cover both sides.



DRAWN C.J.	Commonwealth Industrial Gases Ltd 91 George St, Parramatta P.O. 247		
CHECKED			
APPROVED	TITLE BUSHELLS 160 BURWOOD ROAD, CONCORD. LIQUID NITROGEN. VIE 3000.		
ISSUED			
	SIZE A4		DRW No. A4-86/1101
	SCALE NTS	SHEET NO.1	

LICENCE No. 35005234.1

DANGEROUS GOODS ACT, 1975

APPLICATION FOR LICENCE (or AMENDMENT or TRANSFER of LICENCE) FOR THE KEEPING OF DANGEROUS GOODS

Application is hereby made for—
 *a licence (or amendment of the licence) for the keeping of dangerous goods in or on the premises described below.
 *the transfer of the licence

(*delete whichever is not required)

FEE: \$10.00 per Depot

9400 2/05/80 03A

Name of Applicant in full (see over)	Surname <u>BUSHILLS P/L</u> Given Names
Trading name or occupier's name (if any)	<u>AS ABOVE</u>
Postal address	<u>P.O. Box 162 CONCORD</u> Postcode <u>2137</u>
Telephone number of applicant	STD Code Number
Address of the premises in or on which the depot or depots are situated (including street number, if any)	<u>160 BURNWOOD RD CONCORD</u> Postcode <u>2137</u>
Nature of premises (see over)	<u>manufacturers + warehouse</u>

PLEASE ATTACH SITE PLAN

Particulars of type of depots and maximum quantities of dangerous goods to be kept at any one time.

Depot number	Type of depot (see over)	Storage capacity	Dangerous goods	
			Product being stored	C & C Office use only
1	<u>roofed package box</u>	<u>4000 litres</u>	<u>Flammable liquids</u>	<u>3 6.020.43</u>
2	<u>underground tank</u>	<u>13620</u>	<u>petrol</u>	<u>3.1 2.020.14</u>
3	<u>"</u>	<u>15000</u>	<u>"</u>	<u>" 2.020.24</u>
4	<u>"</u>	<u>5000</u>	<u>"</u>	<u>" 2.020.53</u>
5	<u>"</u>	<u>5000</u>	<u>"</u>	<u>" 2.020.53</u>
6	<u>aboveground tank</u>	<u>4575</u>	<u>LPG</u>	<u>2.1 1.100.53</u>
7				
8				
9				
10				
11				
12				

Name of company supplying flammable liquid (if any)

Shell

Have premises previously been licensed?

Yes

If known, state name of previous occupier

as above

Licence No. 35005234.1

Signature of applicant

D. J. Murphy
Production Director

Date

23/5/1980

For external explosives magazine(s), please fill in side 2.

LICENCE No.

FOR OFFICE USE ONLY

CERTIFICATE OF INSPECTION

I, William A. Machon being an Inspector under the Dangerous Goods Act, 1975, do hereby certify that the premises described above do comply with the requirements of the Dangerous Goods Act, 1975, and the Dangerous Goods Regulation with regard to their situation and construction for the keeping of dangerous goods of the nature and in the quantity specified.

Signature of Inspector

W. A. MachonDate 23.5.80

For each external explosives magazine, supply the following additional information.

1. (a) Construction of
 - (i) Walls (ii) Roof (iii) Shade roof (iv) Door(s) (v) Lock(s) (vi) Lining (vii) Lightning conductor
- (b) Internal dimensions (mm)
2. Special attention is directed to the necessity for filling in accurately the distances from each of the undermentioned places, irrespective of the quantity of Explosives intended to be kept. If any of the "Protected Places or Protected Works" specified below, are not within a radius of 3 km of the Magazine, place the word NIL against such place or works.



PROTECTED PLACES or PROTECTED WORKS	Distance in metres from magazine to nearest works or place	
	Not occupied or used by applicant	Occupied or used by applicant
Public place		
Waterway used for navigation		
Reservoir (public or private)		
River or sea wall		
Bridge		
Dock, wharf, pier or jetty		
Any furnace, kiln, forge or fire for manufacturing purposes or for the use of any boiler, engine, or machine		
Aboveground water main or water supply channel		
Electrical power transmission line		
Radio or television transmitter		
Shop		
Store or warehouse		
Factory		
Other building or timber yard in which any person is employed or engaged in any trade, business or profession		
Magazine or premises licensed for the keeping of explosives		
Depot for other dangerous goods		
Railway, tramway or aerodrome		
Any dwelling house		
Any church, chapel, college, school or theatre		
Hospital		
Government or public building		
Any other building or structure in or about which persons are usually present or from time to time assemble		

EXPLANATORY NOTES

FORM DG1

1. Name of applicant in full: Full name(s) including given name(s) or holding company name (if any) must be supplied.
2. Nature of premises: State whether premises are a dwelling, service station, fuel storage depot, general store, farm, mine site, etc.
3. Type of depot: Describe depot as "aboveground tank", "underground tank", "magazine" "roofless package store", "roofed package store", "cylinder store" (or where not more than two LPG decanting cylinders each of a capacity not exceeding 50 kg are kept) "decanting cylinders". For safety cartridges describe as "in original packages".
4. If space is insufficient for depot particulars, attach a separate list.
5. For each magazine supply additional information above.
6. A site plan of the premises showing the position(s) of the depot(s) with distances from protected works and public places is to be attached.
7. The completed form and site plan accompanied by the prescribed fee (\$10 per depot) should be forwarded to:

Chief Inspector,
Dangerous Goods Branch,
Box 846, P.O.,
Darlinghurst, N.S.W. 2010
(6th Floor, 1 Oxford Street).

FAILURE TO ANSWER ALL QUESTIONS WILL RESULT IN A DELAY IN THE ISSUE OF YOUR LICENCE



Bushells Pty. Limited

P.O. BOX 162,
CONCORD,
N.S.W. 2137

TELEPHONE: 745 0044
TELEGRAMS: BUSHELLS SYDNEY
TELEX: 23516



TAKE NOTICE that it is intended to apply to the Corporate Affairs Commission to change the name of BROOKE BOND (AUSTRALIA) PTY. LIMITED to BUSHELLS PTY. LIMITED consequent upon the change of name of BUSHELLS PTY. LIMITED to BUSHELLS FOODS PTY. LIMITED.

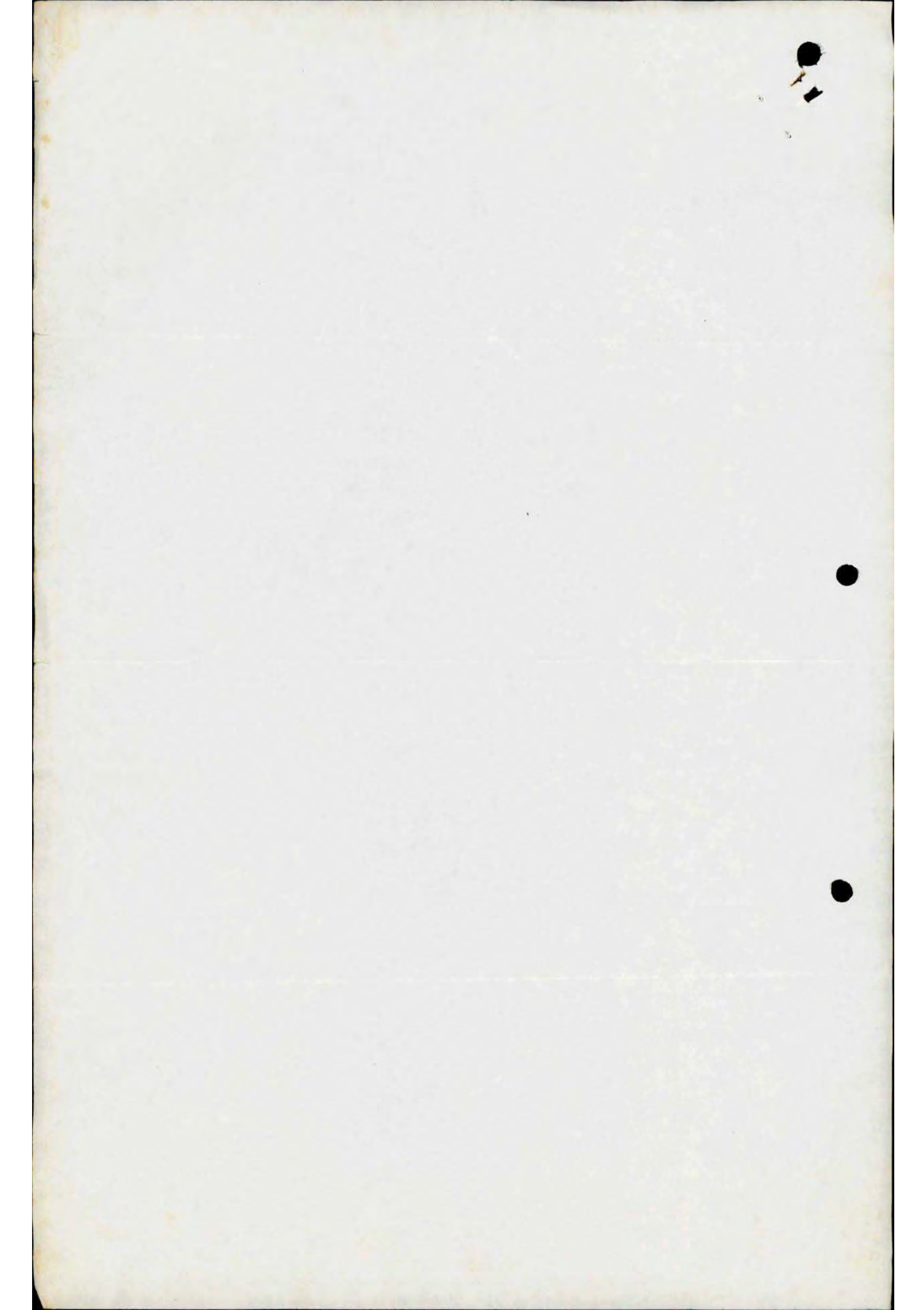
The reason for the proposed change of name is that BROOKE BOND (AUSTRALIA) PTY. LIMITED has, since its reorganisation of its corporate structure in July 1979, been trading under the name of BUSHELLS PTY. LIMITED and it is proposed to make this trading arrangement permanent by changing the name of BROOKE BOND (AUSTRALIA) PTY. LIMITED to BUSHELLS PTY. LIMITED consequent upon the change of BUSHELLS PTY. LIMITED to BUSHELLS FOODS PTY. LIMITED.

These proposals are internal matters of a technical nature and do not affect the current or future trading situation so far as the public at large and the creditors are concerned.

A.E. DONLAN,
Secretary

*Have change noted & advised
28/10/80.*

Dated the 10th day of October, 1980.





FORM B

INFLAMMABLE LIQUID ACT, 1915

APPLICATION FOR:

REGISTRATION OF PREMISES
STORE LICENCE
AMENDMENT TO REGISTRATION OR LICENCEFOR THE KEEPING OF
INFLAMMABLE LIQUID
AND/OR DANGEROUS GOODS.

3

Name of Occupier in full	BUSHELLS PTY. LIMITED (Surname/s)	(First Names in full)
Trading Name (if any)	BUSHELLS PTY. LIMITED	
Postal Address	P.O. Box 120, CONCORD Postcode 2137	
Address of the premises in which the depot or depots are situated	160 BURWOOD ROAD, CONCORD. N.S.W. Postcode 2137	
Occupation	TEA AND COFFEE MERCHANTS	
Nature of Premises	MANUFACTURING AND WAREHOUSING	

Particulars of construction of depots and maximum quantities of inflammable liquid and/or dangerous goods to be kept at any one time.

PLEASE SKETCH SITE ON BACK OR ATTACH PLAN

Tank or Depot Number	Construction of depots *			Inflammable Liquid		Dangerous Goods						
	Walls	Roof	Floor	Mineral spirit litres	Mineral oil litres	Class 1 litres	Class 2 litres	Class 3 kg	Class 4 m ³	Class 5A# litres	Class 5B# litres	Class 9 litres
1	Brick	Concrete	Concrete		2000							
2	Underground tank			13620								
3				15000								
4				5000								
5				5000								
6	Aboveground									37500		
7										4575		
8												
9												
10												
TOTAL										449	4.00 (A)	

* If kept in tanks describe depots as underground or aboveground tanks.

Insert water capacity of tanks or cylinders.

Name of Company supplying inflammable liquid Shell

Have premises previously been licensed? Yes

Licence No. 5234-3

If known, state name of previous occupier as above

Signature of applicant T. G. ...

Date 30.6.77

FOR OFFICE USE ONLY:

CERTIFICATE OF INSPECTION

I, John E. Brooks being an Inspector under the Inflammable Liquid Act, 1915, do hereby certify that the premises or store described above does comply with the requirements of that Act and regulations with regard to its situation and construction for the keeping of inflammable liquid and/or dangerous goods in quantity and nature specified.

Dangerous Goods Branch
Box 846, P.O.
DARLINGHURST 2010
(6th Floor, 1 Oxford
Street, Sydney)

Signature of Inspector

Date

CHQ. 8046

Make rough sketch of ground layout of premises showing position of depot or depots and adjacent buildings also distances separating depots and buildings. If space insufficient, attach separate plan.

EXPLANATORY NOTES

NAME IN FULL OF OCCUPIER/S - Full name(s) of occupier(s) must be given. Trading name (if any) should also be shown.

NATURE OF PREMISES - State whether premises comprise of dwelling, service station, depot, etc.

CONSTRUCTION OF DEPOT - If storage is in an aboveground depot indicate the material of which the depot is constructed, e.g., brick, steel, concrete, and then the amount of inflammable liquid or dangerous goods and the type being stored, e.g., mineral spirit, kerosene, acetone, etc.

If storage is within underground or aboveground tanks, indicate the quantities and type of liquid or goods being stored in each tank. Also the capacity of each individual tank. Attach separate list, if space insufficient.

The completed form should be forwarded to:

Chief Inspector of
Dangerous Goods,
Box 846, P.O.,
DARLINGHURST 2010

FOR THE INSTALLATION OF

COMPANY EQUIPMENT

Name of Customer Bushells Pty Ltd

Trade Name of Customer

Address 160 Burwood Rd ConcordTelephone No. 745-0044

Class of Agreement — Reseller Industrial Nature of Business

Nature of Proposal — New Installation Replacement Removal Purchase

EQUIPMENT

EQUIPMENT	PUMPS								TANKS					
	MANUAL		RESELLER METER				INDUSTRIAL METER		500	1000	2000	3000	4000	
			S. Tall	S+ Squat Ped	D. Tall	D+ Squat Ped	*Class 1	*Class 2						
	S.	D.												
Already Installed				1						2		1		
Required												1		

Product to be used — M/S Super M/S Standard Distillate Kerosine

Approval granted by — County Council Local Council Roads Board

WORK REQUIRED BY 1/12/19Person to Contact re job Bushells Price at which Product to be sold (for Meter Heads only)Type of electric current available Necessary alterations to switchboard: YES/NO N/R

Equipment to be consigned to by ROAD/RAIL

Is a Concrete Slab required over Tank? NO If required, show dimensions below.

DISTANCES		Type of Country	Surface at Point of Excavation	Type of Building Walls
Tank to Pump	ft.	Sandy	Concrete	Wood
Tank to Fill Point	ft.	Clay	Wood Floor	Iron
Tank to Wall for Air Vent	ft.	Gravel	Asphalt	Brick
Wiring — Pump to nearest entry to Building	ft.	Rock	Earth	
Wiring — Entry to Building to Switchboard	ft.			

SKETCH OF PROPOSED INSTALLATION — SHOW SCALE

Liquid seal in 1 x 13,620 litre
 U/G tank as per drawing No. 127390.
 Tank to be installed as per Shell Company's
 specification No. 016.

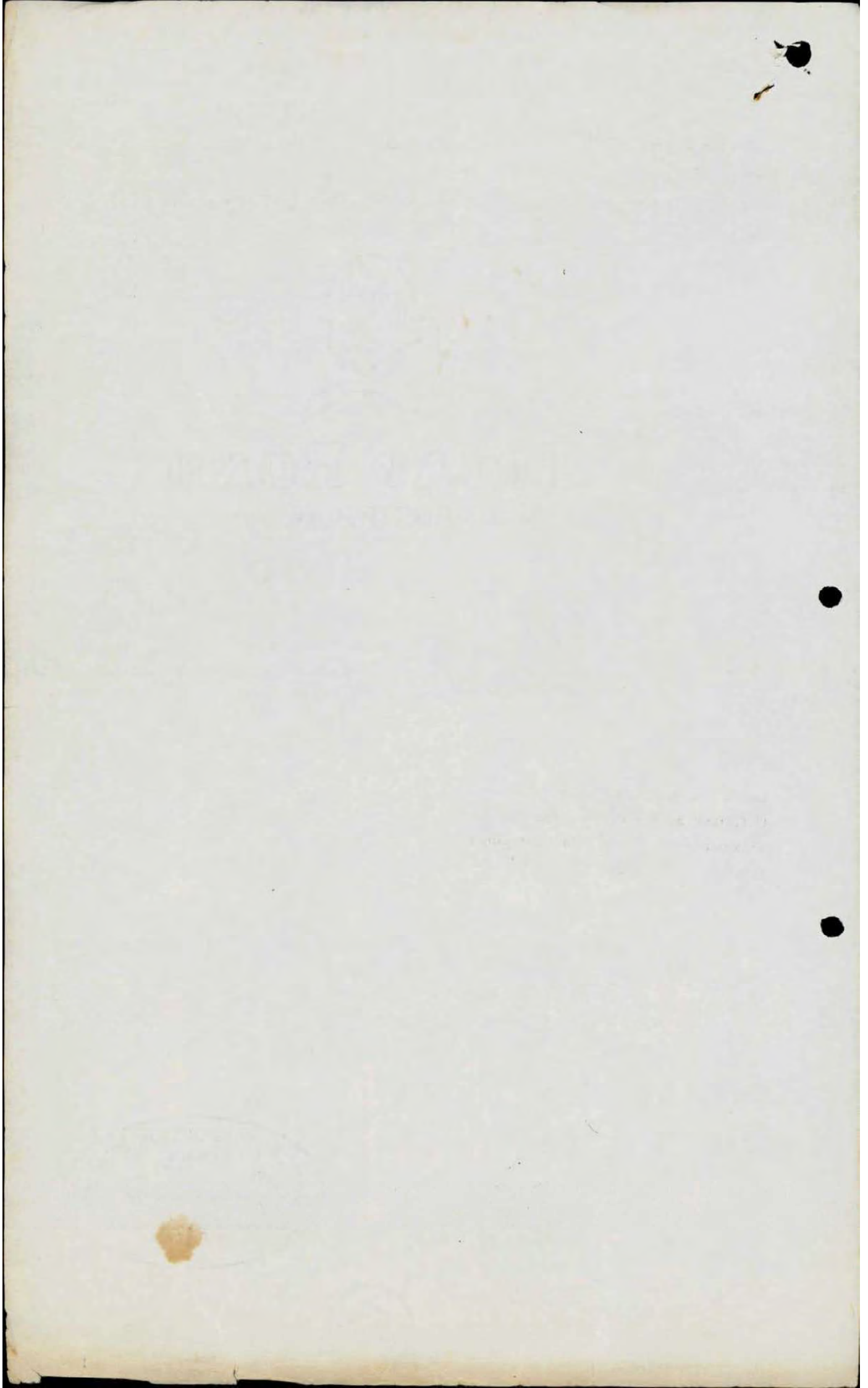
1 x 1600 LITRE TO BE
 REMOVED & REPLACED
 BY 1 x 16500 U/G

EXISTING 2 x 1000 U/G.
 1 x 3000 U/G.

S/E PUMP. ☒

GATE HOUSE





INFLAMMABLE LIQUID ACT, 1915

LICENCE No. 5234

APPLICATION FOR:

REGISTRATION OF PREMISES
STORE LICENCE
AMENDMENT TO REGISTRATION OR LICENCEFOR THE KEEPING OF
INFLAMMABLE LIQUID
AND/OR DANGEROUS GOODS.

Name of Occupier

Bushells Pty. Ltd.

(Surname)

(First Names)

Trading Name (if any)

As above

Postal Address

P.O. Box 162 Concord2137
PostcodeAddress of the
premises in which the
depot or depots are
situated160 Burwood Road Concord2137

Postcode

Occupation

Manufacturer

Nature of Premises

Factory & Offices

Particulars of construction of depots and maximum quantities of inflammable liquid and/or dangerous goods to be kept at any one time.

Amendment

PLEASE SKETCH SITE ON BACK OR ATTACH PLAN

Depot No.	Construction of depots *			Inflammable Liquid		Dangerous Goods						
	Walls	Roof	Floor	Mineral spirit litres	Mineral oil litres	Class 1 litres	Class 2 litres	Class 3 kg	Class 4 m ³	Class 5A# litres	Class 5B# litres	Class 9 litres
1	Brick	Concrete	Concrete		4000							
2	Underground		Tank	15000								
3	✓		✓	5000								
4	✓		✓	5000								
5	✓		✓	5000								
6	Aboveground		✓							37500		
7	✓		✓							4575		
8												
9												
10												
TOTAL												

* If kept in tanks describe depots as underground or aboveground tanks.

Insert water capacity of tanks or cylinders.

Name of Company supplying inflammable liquid ShellHave premises previously been licensed? Yes B5234(3)

If known, state name of previous occupier

Signature of applicant

D. F. Murphy

Date

26/8/1975Manager - Concord Division.

CERTIFICATE OF INSPECTION

I, William A. Machon being an Inspector under the Inflammable Liquid Act, 1915, do hereby certify that the premises or store described above does comply with the requirements of that Act and regulations with regard to its situation and construction for the keeping of inflammable liquid, and/or dangerous goods in quantity and nature specified.

Signature of Inspector

William A. Machon

Date

26-8-1975

Make rough sketch of ground layout of premises showing position of depot or depots and adjacent buildings, also distances separating depots and buildings. If space insufficient, attach separate plan.

EXPLANATORY NOTES

NAME IN FULL OF OCCUPIER/S — Full name(s) of occupier(s) must be given. Trading name (if any) should also be shown.

NATURE OF PREMISES — State whether premises comprise of dwelling, service station, depot, etc.

CONSTRUCTION OF DEPOT — If storage is in an aboveground depot indicate the material of which the depot is constructed, e.g., brick, steel, concrete, and then the amount of inflammable liquid or dangerous goods and the type being stored, e.g., mineral spirit, kerosene, acetone, etc.

If storage is within underground or aboveground tanks, indicate the quantities and type of liquid or goods being stored in each tank. Also the capacity of each individual tank. Attach separate list, if space insufficient.

The completed form should be forwarded to:

The Chief Inspector of Inflammable Liquids,
P.O. Box R.216,
Royal Exchange 2000.

Code 44001-500 44009-100 44005-10

AVERY™ Tube lip

B1014523

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APPENDIX F

2014 Report 13188/2-AA



GEOTECHNIQUE[®]
PTY LTD



ABN 64 002 841 063

Job No: 13188/2
Our Ref: 13188/2-AA
12 September 2014

Nix Anderson Pty Ltd
17 Chuter Street
McMahons Point NSW 2060

Attention: Mr R McGuinness

Dear Sir

re: **Proposed Development
Robert Timms Factory Site (Bushell's)
160 Burwood Road, Concord
Contamination Assessment of Soil**

This letter report presents the results of a contamination assessment of soils recovered from 10 geotechnical boreholes at 160 Burwood Road, Concord in the local government area of Canada Bay, hereafter referred to as the site.

It is understood that the site is proposed for an integrated Residential Community. This contamination assessment was to provide some indications on the contamination status of the sub-surface soil within the site for planning purposes.

The site is irregular in shape and covers an area of approximately 4 hectares (ha).

OBJECTIVE OF THE ASSESSMENT

The objective of the assessment was to ascertain whether the soils being assessed are likely to present a risk of harm to human health and the environment under the conditions for the proposed high density residential development.

SCOPE OF WORK

In order to achieve the objective, the following scope of work was conducted in accordance with our proposal dated 2 May 2014 (Reference Q6616);

- Recovery of soil samples from ten (10) boreholes locations in conjunction with a geotechnical investigation also undertaken by Geotechnique Pty Ltd (Geotechnique).
- Chemical analysis by National Association of Testing Authorities (NATA) accredited testing laboratories, in accordance with Chains of Custody (COC) prepared by Geotechnique.
- Implementation of industry standard quality assurance (QA) and quality control (QC) measures. QA/QC samples were also prepared and forwarded to the laboratories.
- Assessment of the laboratory analytical results against current applicable guidelines.
- Assessment of field and laboratory QA and QC.
- Assessment of the contamination status of the soils.

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SITE CONDITION

During fieldwork from 7th to 14th August 2014, the site operated as a coffee factory. It consisted of a number of site features including:

- A multi storey factory building
- An administration building
- A gas storage area
- A guardhouse fronting Burwood Road

Open area of the site consisted of bitumen car parks, bitumen or concrete driveways and landscaped areas.

There were no obvious ash materials, asbestos sheets / pieces, odour, discolouration of the soils or petroleum hydrocarbon staining on the bare ground surface of the site that would indicate the potential for contamination.

The site generally slopes to the east.

The adjoining properties:

To the north: Golf course, slopes similarly to the east.
To the east: Residential land, slopes away from the site.
To the south: Burwood Road, slopes similarly to the east.
To the west: Residential land, slopes gently toward the site.

REVIEW OF AVAILABLE INFORMATION AND POTENTIAL FOR CONTAMINATION

SLR Consulting Australia Pty Ltd provided relevant information regarding their environmental investigation of the site (Appendix A). From 11 areas of environmental concern (AEC1 to AEC11), there was a potential for the site to be contaminated with Hydrocarbons, metals, pesticide, asbestos and PCBs. Borehole locations were appropriately located corresponding to the suggested AECs.

From interviewing the site supervisor, Ms Kayte Nguyen, Engineering Support Officer from Fresh Food Corporation Pty Ltd, the factory produced coffee from raw coffee bean. There were two main waste products from the process; coffee grounds and caustic solution. While coffee ground removal off site by contractor, the caustic solution which was used to clean the interior of the factory's machineries was neutralised with acid on site and discharge into the sewer system. Therefore, if the neutralization was not done appropriately or if there was spillage of either the caustic waste or the acid that was used to neutralized it, soil pH within the site could be altered.

Bushell's website provides an article about Bushell's history (Appendix B). According to the article, Bushell's purchased the site in 1956. Prior to that, the site was believed to have been occupied by a timber yard. Wood preservatives such as combination of copper, chromium and arsenic could have been used and potentially contaminated the soil.

Available aerial photographs (from 1970 to 2014) indicate that the factory appears in all aerial photos.

Geotechnical borehole logs of the 10 boreholes that were drilled indicated that fill was encountered at all boreholes up to depth of 5m. The fills could possibly have been imported from unknown sources for levelling and could have been contaminated with a wide range of contaminants.

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FIELD SAMPLING AND LABORATORY TESTING

Field work for the contamination assessment of soils was carried out on 7th to 14th August 2014 in conjunction with a geotechnical investigation. Reference may be made to Report 13188/1 dated 10 September 2014 for details of the geotechnical investigation results.

Environmental Scientist and Engineer from Geotechnique were responsible for sampling and logging the sub-surface profile encountered at the ten borehole locations (BH1 to BH10). The boreholes were bored using a truck mounted drilling rig to depth of about 10m. The borehole locations are shown on the attached Drawing No 13188/1-AA1.

Reference should be made to the engineering logs (Report 13188/1) for detailed descriptions of the soil profile encountered during field work. Sub-surface materials encountered in the boreholes are summarised below. In particular, asphalt or concrete underlain by road base gravel were encountered BH1, BH6, BH7, BH8 and BH10.

Topsoil	<p>The following 6 types of fill were encountered;</p> <p>Type 1: Silty Sand, fine grained, grey, with root fibres, was encountered to depths of 100 millimetres (mm) to 200mm below existing ground level (EGL) at BH2, BH3 and BH4, underlain by type 1 or type 4 fill.</p> <p>Type 2: Silty Clay, medium plasticity, grey, inclusion of sandstone fragments, was encountered to depths of 100 mm below EGL at BH5, underlain by type 3 fill.</p>
Fill	<p>The following 6 types of fill were encountered;</p> <p>Type 1: 200mm to 800mm thick silty Sand, fine grained, brown with clay and gravel, was encountered at BH1, BH3, BH4, BH7, BH8 and BH9.</p> <p>Type 2: 250mm to 1500mm thick silty Clay, medium to high plasticity, grey, trace of ironstone, was encountered at BH1, BH6, BH7, BH9 and BH10.</p> <p>Type 3: 300mm to 2300mm thick sandy Clay, low plasticity, dark brown trace of gravel, was encountered at BH1, BH2, BH3, BH5, BH7 and BH9.</p> <p>Type 4: 1350mm thick silty Sand, fine grained, grey, inclusion of gravel, was encountered at BH2.</p> <p>Type 5: 1200mm thick silty Clay, medium plasticity, grey, inclusion of gravel, was encountered at BH2 and BH7.</p> <p>Type 6: 1300mm thick sand Clay, high plasticity, dark grey, was encountered at BH3.</p> <p>Type 7: 200mm to 300mm thick Sandstone floater, was encountered at BH3 and BH4.</p>
Residual Soil	<p>The following 3 types of natural soil were encountered;</p> <p>Type 1: Silty SAND, fine grained, dark grey was, encountered at BH, BH3, BH4 and BH8.</p> <p>Type 2: Sandy CLAY, medium to high plasticity, brown and grey, was encountered at BH2, BH6 and BH7.</p> <p>Type 3: Silty CLAY, high plasticity, grey, was encountered at BH5, BH9 and BH10.</p>
Bedrock	SANDSTONE, fine to medium grained, grey brown, extremely weathered, low strength.

Based on the contents of the fill materials and the natural soil profiles, it appears that Types 2, 3, 6 and 7 might have originated from construction of the factory; whilst Type 1, 4 and 5 fill materials could have been imported to the site for site levelling purposes.

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The recovered soil samples did not have obvious asbestos sheets / pieces, odour, staining or discolouration that would indicate the potential for contamination.

Samples were recovered from the excavated material using a stainless steel trowel, which was decontaminated prior to use to prevent cross contamination.

The sampling procedures adopted were as follows;

- Bulk soil samples from boreholes were surfaced using a truck mounted drilling rig, with auger attachment, over the depth interval nominated by the Environmental Scientist/ Engineer. A representative soil sample was recovered directly from the auger, using a decontaminated stainless steel trowel.
- To minimise the potential loss of volatiles the soil sample was immediately transferred to a labelled, laboratory supplied, 250ml glass jar and sealed with an airtight, Teflon screw top lid. The fully filled jar was then placed in a chilled container.

Distilled water used for rinsing the trowel during sampling was collected at the completion of field work and placed in a glass bottle supplied by the laboratory. The rinsate water sample was labelled and placed in the chilled container.

In order to ensure the analytical performance of the primary laboratory, duplicate and split samples were prepared and kept in labelled laboratory supplied glass jars (acid-washed and solvent-rinsed) sealed with airtight screw Teflon top lids. The fully filled jars were placed in a chilled container.

At completion of field sampling the chilled containers were transported to our Penrith office. All the jars and bottles were then transferred to a refrigerator where the temperature is maintained below 4 °C.

The day after field work, the chilled containers with the trip spike sample were forwarded under COC conditions to the primary laboratory of SGS Environmental Services (SGS) and the secondary laboratory, Envirolab Services Pty Ltd (Envirolab), both NATA accredited.

On receipt of the samples the laboratories returned the Sample Receipt Advice verifying the integrity of all the samples received.

Within the holding times detailed in Schedule B(3) of The *National Environment Protection (Assessment of Site Contamination) Measure 1999 (NEPM)* by the National Environment Protection Council (NEPC), the recovered soil samples were analysed, except for some pH analysis where holding time has been over by few days.

As mentioned, the soil profile encountered did not reveal any visual (staining, dying) or olfactory indicators of potential contaminants. Based on site observation, review of available information and the potential for contamination due to past and present site activities, the soil profile, the presence of fill, a suitable testing strategy is adopted below:

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Environmental Concern	Borehole	Testing Strategy
In the vicinity of above ground tanks (ASTs), potential underground fuel tanks (USTs)	BH2, BH5, BH9 and BH10	Full range including metals, TPH, BTEX, PAH, OCP, PCB, total Phenols, total Cyanides, pH and Asbestos for top layer of fill or top soil, lower layer of fill and natural soil layer immediately below fill.
For screening in related to timber yard and possible pH issue	All boreholes	Metals, OCP, PAH and pH for all top layer top soil or fill and some lower fill layer.
Screening for imported fill	All boreholes	Full range for each fill type.

FIELD QUALITY ASSURANCE & QUALITY CONTROL (QA & QC)

The following QA / QC procedures were implemented for the sampling and analytical program.

Rinsate Sample

Five (5) rinsate water samples (R1 to R5) were recovered over the course of the field work in order to identify possible cross contamination between the sampling locations.

The rinsate water samples were analysed for Metals (arsenic (As), cadmium (Cd), chromium (Cr), copper (Cu), lead (Pb), mercury (Hg), nickel (Ni) and zinc (Zn)). The test results for the rinsate water samples are summarised in Table A. Copies of the actual laboratory test results certificates are kept in the offices of Geotechnique and will be provided upon request.

As indicated in Table A, all other concentrations in the rinsate samples were less than LOR or much lower than the assessing criteria, which indicates that adequate decontamination had been carried out in the field.

Trip Spike Sample

Trip spike samples are obtained from the laboratory on a regular basis prior to conducting field sampling where volatile substances are suspected. The samples are retained in our Penrith office at less than 4 °C for a period of not more than seven days. During field work trip spike samples are kept in a chilled container with soil samples recovered from the site. The trip spike samples are then forwarded to the laboratory together with the soil samples.

The trip spike is prepared by adding a known amount of pure petrol standard to a clean sand sample. The sample is mixed thoroughly to ensure a relatively homogenous distribution of the spike throughout the sample. When the sample is submitted for analysis the same procedure is adopted as for the soil samples being analysed.

The purpose of the trip spike is to detect any loss or potential loss of volatiles from the soil samples during field work or transportation.

Two (2) trip spike samples were tested for BTEX. The test results for the trip spike sample, reported as a percentage recovery of the applied spike concentration, are shown in the attached Table B.

The results indicate that it is unlikely that BTEX, if present within the soil samples recovered from the site, volatilised significantly during field work or transportation. Applying the losses experienced in the spike sample (worst case scenario) the actual concentrations of BTEX in each soil sample analysed might be at worst 0.121mg/kg (Benzene), 0.121mg/kg (Toluene), 0.119mg/kg (Ethyl benzene) and 0.357mg/kg (Xylenes). The concentrations in this case would still be considerably less than the relevant assessment criteria adopted (refer to Table F). Furthermore, all BTEX results were less than laboratory detection limits and there were no visible or olfactory indication of hydrocarbon contamination.

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Based on the above it is considered that any loss of volatiles from the recovered samples that might have occurred would not affect the outcome / conclusions of this report.

Duplicate Sample

In order to ensure reliable analytical results from the laboratory, duplicate soil samples were prepared from original samples and submitted blind to the primary laboratory of SGS for analysis.

Duplicate samples were prepared on the basis of sample numbers recovered during the field work. The duplicate sample frequency was computed using the total number of samples analysed as part of this assessment. The duplicate frequency adopted (5% for metals, PAH, OCP and pH, 9% for TPH, BTEX, PCB, Phenols and Cyanides) complies with the NEPM, which recommends a duplicate frequency of at least 5%.

The duplicate samples test results are presented with the attached laboratory analytical reports and summarised in the attached Table C.

A comparison was made of the laboratory test results for the duplicate samples with the original samples and the Relative Percentage Differences (RPD) were computed to assess the difference between the original and duplicate. RPD within 30% are generally considered acceptable. However, this variation can be higher for organic analysis than for inorganics and for low concentrations of analytes.

As shown in Table C, the comparisons between the duplicate and corresponding original samples indicated generally acceptable RPD, with the exception of higher RPD of As due to inhomogeneity of the fill, Total PAH and Phenols due to low concentrations detected.

Based on the above, the variation is not considered to be critical and overall the duplicate sample comparisons indicate that the laboratory test data provided by SGS are of adequate accuracy and reliability for this assessment.

Split Sample

Split samples provide a check on the analytical performance of the primary laboratory. Split samples were submitted for analysis to the laboratory of Envirolab.

Split samples were prepared on the basis of sample numbers recovered during the field work. The split sample frequency was computed using the total number of samples analysed as part of this assessment. The split sample frequency adopted (5% for metals, PAH, OCP and pH, 9% for TPH, BTEX, PCB, Phenols and Cyanides) complies with the NEPM, which recommends a frequency of 5%.

The results are summarised in the attached Table D.

Based on Schedule B (3) of the NEPM the difference in the results between the split samples should in general be within 30% of the mean concentration determined by both laboratories, i.e., RPD should be within 30%. However, this variation can be higher for organic analysis than for inorganics and for low concentrations of analytes.

As shown in Table D the comparisons between the split and corresponding original samples indicated acceptable RPD, with the exception of higher RPD for Benzo (a) Pyrene (BaP) due to inhomogeneity of the fill, As, Hg, Zn, and Total PAH due to low concentrations detected. In particular, BaP concentration of the split sample was marginally higher than Ecological Screening Level for Urban residential.

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Based on the above, it is concluded that the test results provided by the primary laboratory may be relied upon for this assessment.

LABORATORY QA & QC

Geotechnique uses only NATA accredited laboratories for chemical analyses. The laboratory must also incorporate quality laboratory management systems to ensure that trained analysts using validated methods and suitably calibrated equipment produce reliable results.

In addition to the quality control samples, the laboratory must also ensure that all analysts receive certification as to their competence in carrying out the analysis and participate in national and international proficiency studies. SGS and Envirolab are both accredited by NATA and operate Quality Systems designed to comply with ISO / IEC 17025.

The samples analysed for TPH (C6–C9) and BTEX were extracted by the purge and trap method recommended by the NSW EPA.

All reported laboratory limits of reporting (LOR) / practical quantitation limits (PQL) were less than the assessment criteria.

As part of the analytical run for the project the laboratories included laboratory blanks, duplicate samples, laboratory control samples, matrix spikes and surrogate spikes.

We have checked the QA / QC procedures and results adopted by the laboratories against the appropriate guidelines. The quality control sample numbers adopted by SGS and Envirolab are considered adequate for the analyses undertaken and generally conform to recommendations provided in the National Environment Protection Measure (NEPM) 1999 "Guideline on Laboratory Analysis of Potentially Contaminated Soils".

Overall, the quality control elements adopted by SGS and Envirolab indicate the analytical data to fall within acceptable levels of accuracy and precision for the analysis of soils. The analytical data provided is therefore considered to be reliable and useable for this assessment.

ASSESSMENT CRITERIA

Investigation levels and screening levels developed in the NEPM 2013 were used in this assessment, as follows;

- Risk-based Health Investigation Levels (HIL) for a broad range of metals and organic substances. The HIL are applicable for assessing human health risk via all relevant pathways of exposure. The HIL as listed in Table 1A (1) of Schedule B1 "Guideline on Investigation Levels for Soil and Groundwater" are provided for different land uses.

The site is located within a parcel of industrial land, which will be developed into high density residential community. As such, with regard to human health, analytical results will be assessed against risk based HIL for *residential with minimal opportunities for soil access; including dwellings with fully and permanently paved yard space such as high-rise buildings and apartments* (HIL B).

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- Health Screening Levels (HSL) for selected petroleum compounds, fractions and Naphthalene are applicable for assessing human health risk via inhalation and direct contact pathways. The HSL depend on specific soil physicochemical properties, land use scenarios and the characteristics of building structures. The HSL listed in Table 1A(3) of Schedule B1 “*Guideline on Investigation Levels for Soil and Groundwater*” apply to different soil types and depths below surface to >4 m.

For this assessment, the analytical result was assessed against the available HSL for *with minimal opportunities for soil access; including dwellings with fully and permanently paved yard space such as high-rise buildings and apartments* (HSL B) for clay to depth of 0m to <1m and for sand to depth of 0m to <1m.

- Ecological Screening Levels (ESL) for selected petroleum hydrocarbon compounds, TPH fractions and Benzo(a)Pyrene are applicable for assessing the risk to terrestrial ecosystems. ESL listed in Table 1B(6) of Schedule B1 “*Guideline on Investigation Levels for Soil and Groundwater*” broadly apply to coarse and fine-grained soils and various land uses and are generally applicable to the top 2m of soil.

The analytical results were assessed against the available ESL for *urban residential* for coarse and fine-grained soils.

- Ecological Investigation Levels (EIL), a specific type of Soil Quality Guidelines (SQG) for selected metals are applicable for assessing the risk to terrestrial ecosystems. EIL listed in Table 1B(1-5) of Schedule B1 “*Guideline on Investigation Levels for Soil and Groundwater*” depend on specific soil physicochemical properties and land use scenarios and generally apply to the top 2m of soil. The EIL are calculated using 30% effect concentration (EC30) or lowest observed effect concentrations (LOEC) toxicity data. For arsenic and lead generic EIL for *urban residential* land use for aged contamination are adopted. For other metals, where available, EIL are calculated directly by using EIL calculator developed by CSIRO for NEPC.

For this assessment the analytical results were assessed against the available SQG / EIL for *urban residential* land use for aged contamination in soil for low traffic volume.

- With regard to protection of the environment and impact on plant growth the available Provisional Phytotoxicity Based Investigation Levels (PIL) published in the *Guidelines for the NSW Site Auditor Scheme* (NSW EPA / DEC, 2006) and EIL published in the NEPM 1999 for cadmium and mercury are used.

For discrete soil samples, the individual concentrations of analytes, except Cd and Hg, were assessed against the HIL B / HSL B / ESL / EIL. The individual concentrations of Cd and Hg were assessed against the PIL and HIL B.

The soil will be deemed contaminated or containing contamination “hot spots” if the above criteria are unfulfilled. Further investigation, remediation and/or management will be recommended if the area of concern is found to be contaminated or contain contamination “hot spots”.

LABORATORY TEST RESULTS, ASSESSMENT & DISCUSSION

Copies of the actual laboratory test results certificates from SGS are kept in the offices of Geotechnique and will be provided upon request. The test results are also presented in Tables E1, E2 and F to I together with the assessment criteria adopted. A discussion of the test data is presented in the following sub-sections.

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Metals

The Metals test results for discrete selected soil samples are presented in Tables E1 and E2 and as shown, all concentrations of Metals were below the available relevant EIL, HIL B, except for elevated concentration of As from sample BH5 (0.1-0.4) which is marginally exceed HIL B. All Cd and Hg concentrations were also below the relevant PIL.

pH

The pH test results for discrete selected soil samples are presented in Tables E1 and E2 and as shown, soil pHs are ranging from extremely acidic (4) to strongly alkaline (9), however, majority of the pHs are within normal range of 6 to 8.

TPH and BTEX

The TPH and BTEX test results for the discrete selected soil samples are presented in Table F. As shown in Table F the concentrations of F1 (TPH C6-C10 less BTEX), F2 (TPH >C10-C16 less Naphthalene), F3 (TPH >C16-C34), F4 (TPH >C34-C40) and BTEX were below the relevant HSL B and / or ESL adopted. Moreover, all the test results were below the LOR.

PAH

The PAH test results for the selected discrete soil samples are presented in Table G and as shown, all BaP, BaP TEQ, Naphthalene and Total PAH were below the relevant HIL B or ESL or HSL B or EIL adopted, except for elevated BaP concentrations from samples BH2 (4.5-4.8) and split sample S1 (original sample BH9 (2.0-2.3)) which are higher than ESL but much lower than HIL B.

OCP

The OCP test results for selected discrete soil samples are presented in Table H and as indicated OCP were well below the relevant HIL B and all OCP were less than the laboratory LOR. The concentrations of DDT were also below the EIL.

PCB

The PCB test results for the selected discrete soil samples are presented in Table H and as shown the PCB concentrations were below the relevant HIL B adopted and less than the laboratory LOR.

Phenols

The Phenols test results for the selected discrete soil samples are presented in Table H and as shown the Phenols concentrations were well below the relevant HIL B adopted and less than the laboratory LOR.

Cyanides

The Cyanides test results for the selected discrete soil samples are presented in Table H and as shown the Cyanides concentrations were well below the relevant HIL B adopted and some less than the laboratory LOR.

Asbestos

The asbestos results for the selected discrete soil samples are presented in Table I and as shown no asbestos was detected in any of the samples.

CONCLUSION AND RECOMMENDATIONS

Based on this assessment it is considered that soils collected geotechnical borehole within the site are generally unlikely to pose a risk of harm to human health and the environment and are environmentally suitable to retain on site for the proposed development subjected to:

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- Elevated As concentration found in sample BH5 (0.1-0.4), which is marginally higher than relevant HIL B, deems the soil within the vicinity of this sample to be contaminated or containing contamination "hot spots". Further investigation, remediation and/or management are required to make the contaminated soil suitable for the proposed development.
- Elevated BaP concentrations from samples BH2 (4.5-4.8) and split sample S1 (original sample BH9 (2.0-2.3)) do not pose a risk of harm to human health and the environment due to the fact that these concentrations appear deeper than 2.0m which are unlikely to significantly upset any terrestrial ecosystem. However, if the soils were to be excavated and used as topsoil, then they may have an impact on the immediate ecosystems where they landed. A horticulturist may be consulted to determine the suitability of the soils before being use as topsoil.
- Soil pHs were detected ranging from extremely acidic (4) to strongly alkaline (9). Extremely acidic condition could have an impact on footing of future structures; therefore appropriate consideration should be taken into account during the designing process.

If suspect materials (identified by unusual staining, odour, discolouration or inclusions such as building rubble, asbestos sheets / pieces, ash material, etc) are encountered during the construction stage, we recommend that this office is contacted for assessment and necessary action.

LIMITATIONS

Within the stated scope of work the services performed by Geotechnique in preparation of this report were conducted in a manner consistent with the level of quality and skill generally exercised by members of the profession and consulting practice.

This report has been prepared for Nix Anderson Pty Ltd for the purpose stated within. Any reliance on this report by other parties shall be at such parties' sole risk as the report might not contain sufficient information for other purposes.

This report shall only be presented in full and may not be used to support any other objective than those set out in the report, except where written approval is provided by Geotechnique.

The information in this report is considered accurate at completion of field sampling (14 August 2014) and in accordance with current site conditions. Any variations to the site form or use beyond this date might nullify the conclusions stated.

No contamination assessment can eliminate all risk; even a rigorous professional assessment might not detect all contamination within the investigated locations.

Reference should be made to the attached "Environmental Notes" for details of the limitations of this assessment.

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160 Burwood Road, Concord

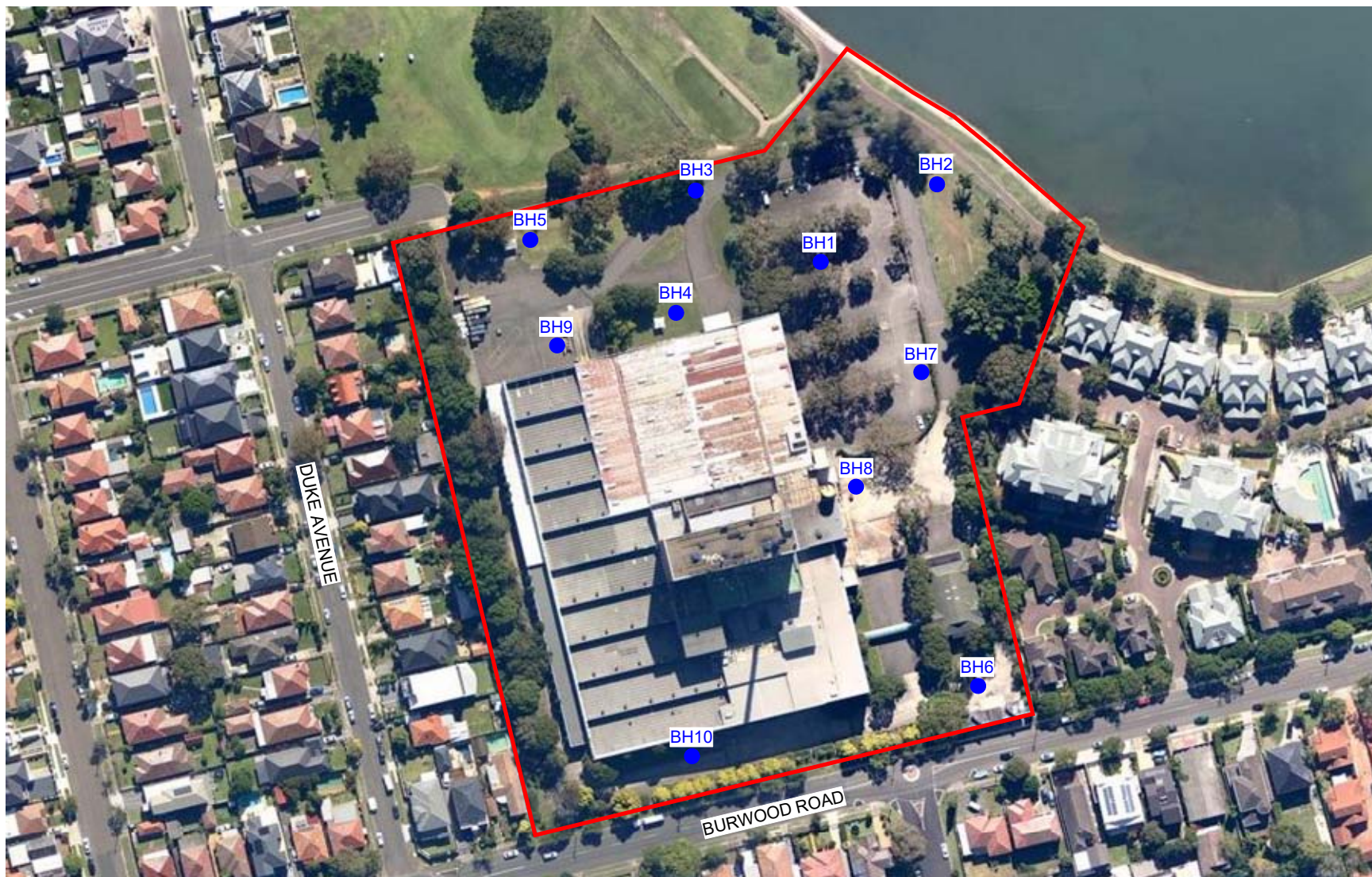
If you have any questions, please do not hesitate to contact the undersigned.

Yours faithfully
GEOTECHNIQUE PTY LTD

pp 

AN NGUYEN
Environmental Scientist

Attached Drawing No 13188/1-AA1 Borehole Locations
Lab Summary Tables A to I
13188/1-AA Borehole Logs Nos 1 to 10
Appendix A Areas of Environmental Concern from SLR Consulting Australia Pty Ltd
Appendix B Bushell's History
Appendix C Envirolab Services Certificates of Analysis and SGS Environmental Services Analytical Report
Appendix D Environmental Notes



LEGEND

● Borehole

Imagery ©2014 NearMap.com

0 20 40 60 80 100m

Scale 1:2000



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NOTES

1. Site features are indicative and are not to scale.
2. This drawing has been produced using a base plan provided by others to which additional information e.g test pits, borehole locations or notes have been added. Some or all of the plan may not be relevant at the time of producing this drawing

Nix Management Pty Ltd
Proposed Development
Robert Timms Factory Site (Bushell's)
160 Burwood Road, Concord

Borehole Locations

Drawing No: 13188/1-AA1
Job No: 13188/1
Drawn By: MH
Date: 20 August 2014
Checked By: ER

File No: 13188-1
Layers: 0, AA1

engineering log - borehole


Client : Nix Anderson Pty Ltd						Job No. : 13188/1					
Project : Proposed Development						Borehole No. : 1					
Location : 160 Burwood Road, Concord						Date : 07/08/2014					
						Logged/Checked by: AN/MT					
drill model and mounting : Edson Truck Mounted						slope :		deg.		R.L. surface : ≈ 5.5	
hole diameter : 125 mm						bearing :		deg.		datum : AHD	

method	groundwater	env samples	PID reading (ppm)	geo samples	field test	depth or R.L. in meters	graphic log	classification symbol	MATERIAL DESCRIPTION soil type, plasticity or particle characteristic, colour, secondary and minor components.	moisture condition	consistency density index	hand penetrometer kPa	Remarks and additional observations
Auger						0			Asphaltic concrete	M			Well compacted
									Road base Sandy GRAVEL, fine to medium grained, grey	M			
		DS							FILL; Sandstone Gravel, medium to coarse grained, red grey, with sand	M			
						0.5			FILL; Silty Sand, fine grained, brown, with clay and gravel				
									FILL; Silty Clay, medium to high plasticity, grey, trace of ironstone	M<PL			
						1							
		DS				1.5			FILL; Sandy Clay, low plasticity, dark brown, trace of gravel	M<PL			
						2							
						2.5							
						3			SM Silty SAND, fine grained, dark grey	W	MD		Bedrock
						3.5							
						4							
						4.5							

engineering log - borehole

Client : Nix Anderson Pty Ltd		Job No. : 13188/1	
Project : Proposed Development		Borehole No. : 2	
Location : 160 Burwood Road, Concord		Date : 11/08/2014	
		Logged/Checked by: LY/MT	

drill model and mounting : Edson Truck Mounted	slope : deg.	R.L. surface : ≈ 5.4
hole diameter : 125 mm	bearing : deg.	datum : AHD

method	groundwater	env samples	PID reading (ppm)	geo samples	field test	depth or R.L. in meters	graphic log	classification symbol	MATERIAL DESCRIPTION soil type, plasticity or particle characteristic, colour, secondary and minor components.	moisture condition	consistency density index	hand penetrometer kPa	Remarks and additional observations
		DS				0			TOPSOIL; Silty Sand, fine grained, grey, with inclusion of root fibre				Well compacted
						0.5			FILL; Silty Sand, fine grained, grey, with inclusion of gravel				
		DS			N=4 4,2,2	1							
						1.5			FILL: Gravelly Sandy Clay, low plasticity, brown				
		DS			N=11 5,6,5	2							
						2.5							
						3							
		DS			N=4 2,2,2	3.5							Well compacted
						4		FILL; Silty Clay, medium plasticity, dark grey, with inclusion of timber					
						4.5							
		DS			N=3 2,1,2								

engineering log - borehole

Client : Nix Anderson Pty Ltd		Job No. : 13188/1	
Project : Proposed Development		Borehole No. : 2	
Location : 160 Burwood Road, Concord		Date : 11/08/2014	
		Logged/Checked by: LY/MT	

drill model and mounting : Edson Truck Mounted	slope : deg.	R.L. surface : ≈ 5.4
hole diameter : 125 mm	bearing : deg.	datum : AHD

method	groundwater	env samples	PID reading (ppm)	geo samples	field test	depth or R.L. in meters	graphic log	classification symbol	MATERIAL DESCRIPTION soil type, plasticity or particle characteristic, colour, secondary and minor components.	moisture condition	consistency density index	hand penetrometer kPa	Remarks and additional observations
Auger		DS				5		CH	Sandy CLAY, high plasticity, brown and grey	M>PL	St-H		Residual
						5.5							
						6							
					N=11 4,5,6	6.5							
						7							
						7.5							
						8							
						8.5							
						9							
						9.5							
									SANDSTONE; extremely weathered, extremely low strength, brown and grey				Bedrock

engineering log - borehole

Client : Nix Anderson Pty Ltd Project : Proposed Development Location : 160 Burwood Road, Concord						Job No. : 13188/1 Borehole No. : 2 Date : 11/08/2014 Logged/Checked by: LY/MT							
drill model and mounting : Edson Truck Mounted						slope : deg.		R.L. surface : ≈ 5.4					
hole diameter : 125		mm		bearing : deg.		datum : AHD							
method	groundwater	env samples	PID reading (ppm)	geo samples	field test	depth or R.L. in meters	graphic log	classification symbol	MATERIAL DESCRIPTION soil type, plasticity or particle characteristic, colour, secondary and minor components.	moisture condition	consistency density index	hand penetrometer kPa	Remarks and additional observations
Dry						10							
						10.5			Borehole 2 terminated at 10.5m				
						11							
						11.5							
						12							
						12.5							
						13							
						13.5							
						14							
						14.5							

engineering log - borehole

Client : Nix Anderson Pty Ltd		Job No. : 13188/1	
Project : Proposed Development		Borehole No. : 3	
Location : 160 Burwood Road, Concord		Date : 12/08/2014	
		Logged/Checked by: LY/MT	

drill model and mounting : Edson Truck Mounted	slope : deg.	R.L. surface : ≈ 5.4
hole diameter : 125 mm	bearing : deg.	datum : AHD





method	groundwater	env samples	PID reading (ppm)	geo samples	field test	depth or R.L. in meters	graphic log	classification symbol	MATERIAL DESCRIPTION soil type, plasticity or particle characteristic, colour, secondary and minor components.	moisture condition	consistency density index	hand penetrometer kPa	Remarks and additional observations
Auger		DS				0			TOPSOIL; Silty Sand, fine grained, grey, with root fibre FILL; Clayey Sand, medium grained, brown, with gravel				Well compacted
						0.5			Sandstone floater				
		DS				1			FILL; Sandy Clay, medium plasticity, brown				Well compacted
						1.5			FILL; Sandy Clay, high plasticity, dark grey				Well compacted
		DS				2							
						2.5		SM	Silty SAND, fine to medium grained, grey	M	L-VD		Alluvial
						3			SANDSTONE; extremely weathered, grey				Bedrock
						3.5							
						4							
						4.5							
								Coring commenced at 4.1m					

engineering log - borehole

Client : Nix Anderson Pty Ltd						Job No. : 13188/1					
Project : Proposed Development						Borehole No. : 4					
Location : 160 Burwood Road, Concord						Date : 12/08/2014 Logged/Checked by: LY/MT					
drill model and mounting : Edson Truck Mounted						slope :		deg.		R.L. surface : ≈ 5.8	
hole diameter : 125		mm		bearing :		deg.		datum :		AHD	

method	groundwater	env samples	PID reading (ppm)	geo samples	field test	depth or R.L. in meters	graphic log	classification symbol	MATERIAL DESCRIPTION soil type, plasticity or particle characteristic, colour, secondary and minor components.	moisture condition	consistency density index	hand penetrometer kPa	Remarks and additional observations
Dry		DS				0			TOPSOIL; Silty Sand, medium grained, grey, with root fibre				
									FILL; Gravelly Sand, medium grained, brown				Well compacted
						0.5			SANDSTONE; floater				
								SM	Silty SAND, fine to medium grained, brown grey	M	VD		Alluvial
						1			SANDSTONE; extremely weathered. extremely low strength, brown and grey				Bedrock
						1.5							
						2							
						2.5			Commenced Coring at 2.5m				
						3							
						3.5							
						4							
						4.5							

engineering log - borehole

Client : Nix Anderson Pty Ltd Project : Proposed Development Location : 160 Burwood Road, Concord		Job No. : 13188/1 Borehole No. : 5 Date : 13/08/2014 Logged/Checked by: LY/MT											
drill model and mounting : Edson Truck Mounted		slope : deg. R.L. surface : ≈ 6.7											
hole diameter : 125 mm		bearing : deg. datum : AHD											
method	groundwater	env samples	PID reading (ppm)	geo samples	field test	depth or R.L. in meters	graphic log	classification symbol	MATERIAL DESCRIPTION soil type, plasticity or particle characteristic, colour, secondary and minor components.	moisture condition	consistency density index	hand penetrometer kPa	Remarks and additional observations
Auger	Dry	DS			N=4 4,2,2	0			TOPSOIL; Silty Clay, medium plasticity, grey, with root fibre FILL; Sandy Gravelly Clay, medium plasticity, grey, with inclusion of sandstone fragments				Well compacted
						0.5		CH	Silty CLAY, high plasticity, grey	M>PL	S		Residual
						1							
						1.5			SANDSTONE; extremely weathered, extremely low strength, brown				Bedrock
						1.5			Commenced Coring at 1.6m				
						2							
						2.5							
						3							
						3.5							
						4							
						4.5							

engineering log - borehole

Client : Nix Anderson Pty Ltd						Job No. : 13188/1					
Project : Proposed Development						Borehole No. : 6					
Location : 160 Burwood Road, Concord						Date : 13/08/2014					
						Logged/Checked by: LY/MT					
drill model and mounting : Edson Truck Mounted						slope :		deg.		R.L. surface : ≈ 6.3	
hole diameter : 125 mm						bearing :		deg.		datum : AHD	

method	groundwater	env samples	PID reading (ppm)	geo samples	field test	depth or R.L. in meters	graphic log	classification symbol	MATERIAL DESCRIPTION soil type, plasticity or particle characteristic, colour, secondary and minor components.	moisture condition	consistency density index	hand penetrometer kPa	Remarks and additional observations
Dry						0			CONCRETE				
		DS				0.25			ROADBASE, gravel FILL; Gravelly Clay, medium plasticity, grey				Well compacted
		DS			N=7, 20/100, Ref	0.5		CI	Sandy CLAY, medium plasticity, brown, with inclusion of ironstone	M>PL	H		Residual
						1			SANDSTONE; extremely weathered, extremely low strength, brown, with some ironstone				Bedrock
						1.2			Commenced Coring at 1.2m				
						1.5							
						2							
						2.5							
						3							
						3.5							
						4							
						4.5							

engineering log - borehole

Client : Nix Anderson Pty Ltd		Job No. : 13188/1	
Project : Proposed Development		Borehole No. : 7	
Location : 160 Burwood Road, Concord		Date : 11/08/2014	
		Logged/Checked by: LY/MT	
drill model and mounting : Edson Truck Mounted		slope :	deg.
hole diameter : 125 mm		bearing :	deg.
		datum :	AHD
R.L. surface : ≈ 5.6			

method	groundwater	env samples	PID reading (ppm)	geo samples	field test	depth or R.L. in meters	graphic log	classification symbol	MATERIAL DESCRIPTION soil type, plasticity or particle characteristic, colour, secondary and minor components.	moisture condition	consistency density index	hand penetrometer kPa	Remarks and additional observations
Auger						0			ASPHALTIC CONCRETE				
						0.5			ROADBASE; sandy gravel, fine to medium grained, grey				Well compacted
		DS			N=14 9,10,4	1			FILL; Silty Sand, fine grained, brown, with inclusion of gravel				
						1.5			FILL; Sandy Clay, high plasticity, dark grey				Well compacted
		DS			N=5 5,3,2	2			FILL; Sandy Clay, medium plasticity, brown, with inclusion of gravel				Well compacted
						2.5			FILL; Silty Clay, high plasticity, grey				Well compacted
		DS				3		SM	Silty SAND, fine to medium grained, grey brown	M	D-VD		Alluvial
					N=R 2,2,10/ 100	3.5			SANDSTONE; fine to medium grained, grey brown				Bedrock
						4							
						4.5							
								Commenced Coring at 3.8m					

engineering log - borehole

Client : Nix Anderson Pty Ltd						Job No. : 13188/1					
Project : Proposed Development						Borehole No. : 8					
Location : 160 Burwood Road, Concord						Date : 14/08/2014					
						Logged/Checked by: LY/MT					
drill model and mounting : Edson Truck Mounted						slope :		deg.		R.L. surface : ≈ 5.7	
hole diameter : 125 mm						bearing :		deg.		datum : AHD	

method	groundwater	env samples	PID reading (ppm)	geo samples	field test	depth or R.L. in meters	graphic log	classification symbol	MATERIAL DESCRIPTION soil type, plasticity or particle characteristic, colour, secondary and minor components.	moisture condition	consistency density index	hand penetrometer kPa	Remarks and additional observations
Dry						0			Concrete Pavement 200mm				
		DS							FILL; Silty Sand, fine to medium grained, brown, with some gravel				
						0.5		SM	Silty SAND, fine to medium grained, brown, with some ironstone	M	MD		
						1		SM	SANDSTONE; fine to medium grained, brown, extremely weathered				Bedrock
						1.5			Commenced Coring at 1.4m				
						2							
						2.5							
						3							
						3.5							
						4							
						4.5							

engineering log - borehole

Client : Nix Anderson Pty Ltd						Job No. : 13188/1					
Project : Proposed Development						Borehole No. : 9					
Location : 160 Burwood Road, Concord						Date : 14/08/2014 Logged/Checked by: LY/MT					
drill model and mounting : Edson Truck Mounted						slope :		deg.		R.L. surface : ≈ 7.16	
hole diameter : 125 mm						bearing :		deg.		datum : AHD	

method	groundwater	env samples	PID reading (ppm)	geo samples	field test	depth or R.L. in meters	graphic log	classification symbol	MATERIAL DESCRIPTION soil type, plasticity or particle characteristic, colour, secondary and minor components.	moisture condition	consistency density index	hand penetrometer kPa	Remarks and additional observations
Dry						0			Bitumen Pavement				
		DS				0.5			FILL; Silty Gravelly Clay, medium plasticity, grey, with some gravel	M<PL			
					N=13 5,3,10	1			FILL; Silty Gravelly Clay, medium to high plasticity, grey brown to dark brown, with gravel	M<PL			
		DS				1.5			FILL; Silty Gravelly Clay, medium to high plasticity, grey brown to dark brown with ironstone	M<PL			
					N=5 2,2,3	2			FILL; Silty Clay, medium to high plasticity, dark brown	M<PL	F		
		DS				2.5		CI-CH	Silty CLAY, medium to high plasticity, orange to grey, with some ironstone	M>PL	St		Residual
					N=8 2,3,5	3							
						3.5							
						4			SANDSTONE; fine to medium grained, grey red				Bedrock
						4.5			Commenced Coring at 4.5m				

engineering log - borehole

Client : Nix Anderson Pty Ltd						Job No. : 13188/1					
Project : Proposed Development						Borehole No. : 10					
Location : 160 Burwood Road, Concord						Date : 14/08/2014 Logged/Checked by: LY/MT					
drill model and mounting : Edson Truck Mounted						slope :		deg.		R.L. surface : ≈ 5.9	
hole diameter : 125 mm						bearing :		deg.		datum : AHD	

method	groundwater	env samples	PID reading (ppm)	geo samples	field test	depth or R.L. in meters	graphic log	classification symbol	MATERIAL DESCRIPTION soil type, plasticity or particle characteristic, colour, secondary and minor components.	moisture condition	consistency density index	hand penetrometer kPa	Remarks and additional observations
Auger						0			Concrete				
		DS				0.25			Road base/gravel FILL; Gravelly Clay, medium plasticity, grey with inclusion of sand				Well compacted
		DS				0.5		CH	Shaley CLAY, high plasticity, grey and red brown	M>PL	VSt-H		Residual
					N=16 7,7,8	1							
Dry						1.5			SANDSTONE; extremely weathered, extremely low strength, brown with ironstone bands				Bedrock
					N=R 30/150, Ref	2							
						2.5			Commenced coring at 2.4m				
						3							
						3.5							
						4							
						4.5							

EXPLANATORY NOTES

Introduction

These notes have been provided to simplify the geotechnical report with regard to investigation procedures, classification methods and certain matters relating to the Discussion and Comments section. Not all notes are necessarily relevant to all reports.

Geotechnical reports are based on information gained from finite sub-surface probing, excavation, boring, sampling or other means of investigation, supplemented by experience and knowledge of local geology. For this reason they must be regarded as interpretative rather than factual documents, limited to some extent by the scope of information on which they rely.

Description and Classification Methods

The methods of description and classification of soils and rocks used in this report are based on AS1726 - 1993 "Geotechnical Site Investigations". In general, descriptions cover the following properties; strength or density, colour, structure, soil or rock type, and inclusions. Identification and classification of soil and rock involves, to a large extent, judgement within the acceptable level commonly adopted by current geotechnical practices.

Soil types are described according to the predominating particle size, qualified by the grading or other particles present (e.g. sandy clay) on the following basis:

Soil Classification	Particle Size
Clay	Less than 0.002mm
Silt	0.002 to 0.06mm
Sand	0.06 to 2.00mm
Gravel	2.00mm to 60.00mm

Cohesive soils are classified on the basis of strength, either by laboratory testing or engineering examination. The strength terms are defined as follows:

Classification	Undrained Shear Strength kPa
Very Soft	Less than 12
Soft	12 – 25
Firm	25 – 50
Stiff	50 – 100
Very Stiff	100 – 200
Hard	Greater than 200

Non-cohesive soils are classified on the basis of relative density, generally from the results of standard penetration tests (SPT) or Dutch cone penetrometer tests (CPT), as below:

Relative Density	SPT 'N' Value (blows/300mm)	CPT Cone Value (qc-MPQ)
Very Loose	Less than 5	Less than 2
Loose	5 – 10	2 – 5
Medium Dense	10 – 30	5 – 15
Dense	30 – 50	15 – 25
Very Dense	>50	>25

Rock types are classified by their geological names, together with descriptive terms on degrees of weathering, strength, defects and other minor components. Where relevant, further information regarding rock classification is given on the following sheet.

Sampling

Sampling is carried out during drilling to allow engineering examination (and laboratory testing where required) of the soil or rock.

Disturbed samples taken during drilling provide information on plasticity, grain size, colour, type, moisture content, inclusions and depending upon the degree of disturbance, some information on strength and structure.

Undisturbed samples are taken by pushing a thin walled sample tube (normally known as U_{50}) into the soil and withdrawing a sample of the soil in a relatively undisturbed state. Such samples yield information on structure and strength and are necessary for laboratory determination of shear strength and compressibility. Undisturbed sampling is generally effective only in cohesive soils. Details of the type and method of sampling are given in the report.

Field Investigation Methods

The following is a brief summary of investigation methods currently carried out by this Company and comments on their use and application.

Hand Auger Drilling

The borehole is advanced by manually operated equipment. The diameter of the borehole ranges from 50mm to 100mm. Penetration depth of hand augered boreholes may be limited by premature refusal on a variety of materials, such as hard clay, gravels or ironstone.

Test Pits

These are excavated with a tractor-mounted backhoe or a tracked excavator, allowing close examination of the insitu soils if it is safe to descend into the pit. The depth of penetration is limited to about 3.0m for a backhoe and up to 6.0m for an excavator. A potential disadvantage is the disturbance caused by the excavation.

Care must be taken if construction is to be carried out near, or within the test pit locations, to either adequately recompact the backfill during construction, or to design the structure to accommodate the poorly compacted backfill.

Large Diameter Auger (e.g. Pengo)

The hole is advanced by a rotating plate or short spiral auger, generally 300mm or larger in diameter. The cuttings are returned to the surface at intervals (generally of not more than 0.5m) and are disturbed, but usually unchanged in moisture content. Identification of soil strata is generally much more reliable than with continuous spiral flight augers and is usually supplemented by occasional undisturbed tube sampling.

Continuous Spiral Flight Augers

The hole is advanced by using 90mm-115mm diameter continuous spiral flight augers, which are withdrawn at intervals to allow sampling or insitu testing. This is a relatively economical means of drilling in clays and in sands above the water table. Samples are returned to the surface, or may be collected after withdrawal of the auger flights, but they are very disturbed and may be highly mixed with soil of other stratum.

Information from the drilling (as distinct from specific sampling by SPT or undisturbed samples) is of relatively lower reliability due to remoulding, mixing or softening of samples by groundwater, resulting in uncertainties of the original sample depth.

The spiral augers are usually advanced by using a V-bit through the soil profile to refusal, followed by Tungsten Carbide (TC) bit, to penetrate into bedrock. The quality and continuity of the bedrock may be assessed by examination of recovered rock fragments and through observation of the drilling penetration resistance.

Non-core Rotary Drilling (Wash Boring)

The hole is advanced by a rotary bit, with water being pumped down the drill rod and returned up the annulus carrying the drill cuttings. Only major changes in stratification can be determined from the cuttings, together with some information from the feel and rate of penetration.

Rotary Mud Stabilised Drilling

This is similar to rotary drilling, but uses drilling mud as a circulating fluid, which may consist of a range of products from bentonite to polymers such as Revert or Biogel. The mud tends to mask the cuttings and reliable identification is again only possible from separate intact sampling (e.g. SPT and U_{50} samples).

Continuous Core Drilling

A continuous core sample is obtained using a diamond tipped core barrel. Providing full core recovery is achieved (which is not always possible in very low strength rocks and granular soils), this technique provides a very reliable (but relatively expensive) method of investigation. In rocks, an NMLC triple tube core barrel, which gives a core of about 50mm diameter, is usually used with water flush.

Portable Proline Drilling

This is manually operated equipment and is only used in sites which require bedrock core sampling and there is restricted site access to truck mounted drill rigs. The boreholes are usually advanced initially using a tricone roller bit and water circulation to penetrate the upper soil profile. In some instances, a hand auger may be used to penetrate the soil profile. Subsequent drilling into bedrock involves the use of NMLC triple tube equipment, using water as a lubricant.

Standard Penetration Tests

Standard penetration tests are used mainly in non-cohesive soils, but occasionally also in cohesive soils, as a means of determining density or strength and of obtaining a relatively undisturbed sample. The test procedure is described in AS1289 6.3.1.

The test is carried out in a borehole by driving a 50mm diameter split sample tube under the impact of a 63kg hammer with a free fall of 769mm. It is normal for the tube to be driven in three successive 150mm increments and the 'N' value is taken as the number of blows for the last 300mm. In dense sands, very hard clays or weak rock, the full 450mm penetration may not be practicable and the test is discontinued.

The test results are reported in the following form:

- In a case where full penetration is obtained with successive blow counts for each 150mm of, say 4, 6 and 7 blows as;

$$N = 13 \\ 4, 6, 7$$

- In a case where the test is discontinued short of full penetration, say after 15 blows for the first 150mm and 30 blows for the next 40mm as;

$$15, 30/40mm$$

The results of the tests can be related empirically to the engineering properties of the soil. Occasionally the test method is used to obtain samples in 50mm diameter thin walled sample tubes in clays. In these circumstances, the test results are shown on the bore logs in brackets.

Cone Penetrometer Testing and Interpretation

Cone penetrometer testing (sometimes referred to as Dutch Cone-CPT) described in this report, has been carried out using an electrical friction cone penetrometer and the test is described in AS1289 6.5.1.

In the test, a 35mm diameter rod with cone tipped end is pushed continuously into the soil, the reaction being provided by a specially designed truck or rig, which is fitted with a hydraulic ram system. Measurements are made of the end bearing resistance on the cone and the friction resistance on a separate 130mm long sleeve, immediately behind the cone. Transducers in the tip of the assembly are connected by electrical wires passing through the centre of the push rods to an amplifier and recorder unit mounted on the control truck.

As penetration occurs (at a rate of approximately 20mm per second) the information is output on continuous chart recorders. The plotted results given in this report have been traced from the original records. The information provided on the charts comprises:

- Cone resistance - the actual end bearing force divided by the cross sectional area of the cone, expressed in MPa *
- Sleeve friction - the frictional force on the sleeve divided by the surface area, expressed in kPa

The ratios of the sleeve resistance to cone resistance will vary with the type of soil encountered, with higher relative friction in clays than in sands. Friction ratios of 1% to 2% are commonly encountered in sands and very soft clays, rising to 4% to 10% in stiff clays.

In sands, the relationship between cone resistance and SPT value is commonly in the range:

$$q_c \text{ (MPa)} = (0.4 \text{ to } 0.6) N \text{ (blows per 300mm)}$$

In clays, the relationship between undrained shear strength and cone resistance is commonly in the range:

$$q_c = (12 \text{ to } 18) C_u$$

Interpretation of CPT values can also be made to allow estimate of modulus or compressibility values, to allow calculation of foundation settlements. Inferred stratification, as shown on the attached report, is assessed from the cone and friction traces, from experience and information from nearby boreholes etc.

This information is presented for general guidance, but must be regarded as being to some extent interpretive. The test method provides a continuous profile of engineering properties and where precise information or soil classification is required, direct drilling and sampling may be preferable.

Portable Dynamic Cone Penetrometer (DCP)

Portable Dynamic Cone Penetrometer tests are carried out by driving a rod into the ground with a falling weight hammer and measuring the blows per successive 100mm increment of penetration.

There are two similar tests, Cone Penetrometer (commonly known as Scala Penetrometer) AS1289 6.3.2 and the Perth Sand Penetrometer AS1289 6.3.3. Scala Penetrometer is commonly adopted by this company and consists of a 16mm rod with a 20mm diameter cone end, driven with a 9kg hammer, dropping 510mm (AS1289 Test P3.2).

Laboratory Testing

Laboratory testing is carried out in accordance with Australian Standard 1289 "Methods of Testing Soil for Engineering Purposes". Details of the test procedures are given on the individual report forms.

Engineering Logs

The engineering logs presented herein are an engineering and/or geological interpretation of the sub-surface conditions and their reliability will depend to some extent on frequency of sampling and the method of drilling. Ideally, continuous undisturbed sampling or core drilling will provide the most reliable assessment, however, this is not always practicable or possible to justify economically. As it is, the boreholes represent only a small sample of the total sub-surface profile. Interpretation of the information and its application to design and construction should take into account the spacing of boreholes, frequency of sampling and the possibility of other than 'straight line' variations between the boreholes.

Groundwater

Where groundwater levels are measured in boreholes, there are several potential problems:

- in low permeability soils groundwater, although present, may enter the hole slowly or perhaps not at all during the investigation period
- a localised perched water table may lead to an erroneous indication of the true water table
- water table levels will vary from time to time due to the seasons or recent weather changes. They may not be the same at the time of construction as indicated in the report
- the use of water or mud as a drilling fluid will mask any groundwater inflow. Water has to be blown out of the hole and drilling mud must be washed out of the hole if water observations are to be made

More reliable measurements can be achieved by installing standpipes that are read at intervals over several days, or weeks for low permeability soils. Piezometers sealed in a particular stratum may be advisable in low permeability soils, or where there may be interference from a perched water table or surface water.

Engineering Reports

Engineering reports are prepared by qualified personnel and are based on the information obtained and on current engineering standards of interpretation and analysis. Where the report has been prepared for a specific design proposal, perhaps a three-storey building, the information and interpretation may not be relevant if the design proposal is changed, say to a twenty-storey building. If this occurs, the Company will be pleased to review the report and sufficiency of the investigation work.

Every care is taken with the report as it relates to interpretation of sub-surface conditions, discussions of geotechnical aspects and recommendations or suggestions for design and construction. However, the Company cannot always anticipate or assume responsibility for:

- Unexpected variations in ground conditions. The potential for this will depend partly on bore spacing and sampling frequency.
- Changes in policy or interpretation of policy by statutory authorities.
- The actions of contractors responding to commercial pressures.

If these occur, the Company will be pleased to assist with investigation or advice to resolve the matter.

Site Anomalies

In the event that conditions encountered on-site during construction appear to vary from those that were expected from the information contained in the report, the Company requests immediate notification. Most problems are much more easily resolved when conditions are exposed rather than at some later stage, well after the event.

Reproduction of Information for Contractual Purposes

Attention is drawn to the document "Guidelines for the Provision of Geotechnical Information in Tender Documents", published by the Institute of Engineers Australia. Where information obtained from this Investigation is provided for tendering purposes; it is recommended that all information, including the written report and discussion, be made available.

In circumstances where the discussion or comments section is not relevant to the contractual situation, it may be appropriate to prepare a specially edited document. The Company would be pleased to assist in this regard and/or make additional copies of the report available for contract purposes, at a nominal charge.

Site Inspection

The Company will always be pleased to provide engineering inspection services for geotechnical aspects of work to which this report is related. This could range from a site visit to confirm that the conditions exposed are as expected, to full time engineering presence on site.

Review of Design

Where major civil or structural developments are proposed, or where only a limited investigation has been completed, or where the geotechnical conditions are complex, it is prudent to have the design reviewed by a Senior Geotechnical Engineer.

TABLE A
RINSATE SAMPLES
(Ref No: 13188/2-AA)

ANALYTES	Rinsate R1 7/08/2014	Rinsate R2 11/08/2014	Rinsate R3 12/08/2014	Rinsate R4 13/08/2014	Rinsate R5 14/08/2014
METALS	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
Arsenic	<0.02	<0.02	<0.02	<0.02	<0.02
Cadmium	<0.001	<0.001	<0.001	<0.001	<0.001
Chromium	<0.005	<0.005	<0.005	<0.005	<0.005
Copper	<0.005	<0.005	<0.005	<0.005	<0.005
Lead	<0.02	<0.02	<0.02	<0.02	<0.02
Mercury	0.0002	<0.0001	<0.0001	<0.0001	<0.0001
Nickel	<0.005	<0.005	<0.005	<0.005	<0.005
Zinc	<0.01	<0.01	<0.01	<0.01	<0.01

TABLE B
TRIP SPIKE SAMPLES
(Ref No: 13188/2-AA)

ANALYTES	Trip Spike TS1	Trip Spike TS2
BTEX		
Benzene	85%	79%
Toluene	79%	91%
Ethyl Benzene	81%	95%
Xylenes	81%	97%

Note : results are reported as percentage recovery of known spike concentrations

TABLE C
DUPLICATE SAMPLE
(Ref No: 13188/2-AA)

ANALYTES	BH5 0.1-0.4 m mg/kg	Duplicate D2 mg/kg	RELATIVE PERCENTAGE DIFFERENCES (RPD) %
METALS			
Arsenic	520	260	67
Cadmium	0.6	0.7	15
Chromium	37	36	3
Copper	41	43	5
Lead	120	110	9
Mercury	0.06	0.08	29
Nickel	10	9.5	5
Zinc	150	150	0
TOTAL PETROLEUM HYDROCARBONS (TPH)			
F1 (C6-C10 less BTEX)	<25	<25	-
F2 (>C10-C16)	<25	<25	-
F3 (>C16-C34)	<90	<90	-
F4 (>C34-C40)	<120	<120	-
BTEX			
Benzene	<0.1	<0.1	-
Toluene	<0.1	<0.1	-
Ethyl Benzene	<0.1	<0.1	-
Xylenes	<0.3	<0.3	-
POLYCYCLIC AROMATIC HYDROCARBONS			
Benzo(a)Pyrene TEQ	0.3	<0.3	-
Total PAH	2.4	1.5	46
Naphthalene	<0.1	<0.1	-
Benzo(a)Pyrene	0.2	<0.1	-
ORGANOCHLORINE PESTICIDES (OCP)			
Hexachlorobenzene (HCB)	<0.1	<0.1	-
Heptachlor	<0.1	<0.1	-
Aldrin+Dieldrin	<0.15	<0.15	-
Endrin	<0.2	<0.2	-
Methoxychlor	<0.1	<0.1	-
Mirex	<0.1	<0.1	-
Endosulfan (alpha, beta & sulphate)	<0.5	<0.5	-
DDD+DDE+DDT	<0.6	<0.6	-
Chlordane (alpha & gamma)	<0.2	<0.2	-
POLYCHLORINATED BIPHENYLS (PCB)			
Total PCB	<1	<1	-
CYANIDES & PHENOLS			
Cyanides	0.2	0.2	0
Phenols	0.3	0.1	100

TABLE D
SPLIT SAMPLE
(Ref No: 13188/2-AA)

ANALYTES	BH9 2.0-2.3 m mg/kg (SGS)	Split Sample S1 mg/kg (ENVIROLAB)	RELATIVE PERCENTAGE DIFFERENCES (RPD) %
METALS			
Arsenic	12	20	50
Cadmium	0.4	<0.4	-
Chromium	20	25	22
Copper	20	32	46
Lead	42	50	17
Mercury	0.16	0.3	61
Nickel	2.3	3	26
Zinc	67	100	40
TOTAL PETROLEUM HYDROCARBONS (TPH)			
F1 (C6-C10 less BTEX)	<25	<25	-
F2 (>C10-C16)	<25	<50	-
F3 (>C16-C34)	<90	<50	-
F4 (>C34-C40)	<120	<100	-
BTEX			
Benzene	<0.1	<0.2	-
Toluene	<0.1	<0.5	-
Ethyl Benzene	<0.1	<1	-
Xylenes	<0.3	<3	-
POLYCYCLIC AROMATIC HYDROCARBONS (PAH)			
Benzo(a)Pyrene TEQ	0.8	1	22
Total PAH	4.8	10.63	76
Naphthalene	<0.1	<0.1	-
Benzo(a)Pyrene	0.5	0.93	60
ORGANOCHLORINE PESTICIDES (OCP)			
Hexachlorobenzene (HCB)	<0.1	<0.1	-
Heptachlor	<0.1	<0.1	-
Aldrin+Dieldrin	<0.15	<0.2	-
Endrin	<0.2	<0.1	-
Methoxychlor	<0.1	<0.1	-
Mirex	<0.1	-	-
Endosulfan (alpha (I), beta (II) & sulphate)	<0.5	<0.3	-
DDD+DDE+DDT	<0.6	<0.3	-
Chlordane (alpha & gamma)	<0.2	<0.2	-
POLYCHLORINATED BIPHENYLS (PCB)			
Total PCB	<1	<0.7	-
CYANIDES & PHENOLS			
Cyanides	0.1	<0.5	-
Phenols	0.4	<5	-

TABLE E1
METALS, CATION EXCHANGE CAPACITY (CEC), pH & TOTAL ORGANIC CARBON (TOC) TEST RESULTS
DISCRETE SAMPLE(S)
(Ref No: 13188/2-AA)

Sample Location	Depth (m)	METALS (mg/kg)								CEC (cmol/kg)	pH	TOC (%)
		ARSENIC	CADMIUM	CHROMIUM (Total)	COPPER	LEAD	MERCURY	NICKEL	ZINC			
BH1	1.5-1.8	7	0.4	16	6.7	18	0.02	1.5	7.7	7	4	0
BH1	3.15-3.25	9	<0.3	14	4.1	18	0.02	3.1	11	8	6	2
BH2	0-0.15	<3	<0.3	9.1	17	28	0.02	5.3	54	10	5.3	4
BH2	0.5-0.8	4	0.3	12	15	20	0.01	4.5	38	10	6	2
BH2	4.5-4.8	30	0.8	52	130	120	0.4	8.3	260	25	8	3
BH2	5.1-5.25	10	0.3	18	8.5	22	0.02	1.9	19	13	8	0
BH3	0-0.1	<3	<0.3	8.4	8	13	0.01	5.5	26	7	6	2
BH3	1.5-1.8	7	<0.3	12	9	35	0.04	2.6	54	12	7	2
BH4	0-0.15	12	0.4	18	16	38	0.04	4.9	62	18	8	2
BH5	0.1-0.4	520	0.6	37	41	120	0.06	10	150	11	6	1
BH5	0.6-0.7	62	0.4	28	12	43	0.06	2.1	31	7	6	1
BH6	0.6-0.7	7	0.6	27	14	14	0.01	15	17	6	5	0
BH7	0.15-0.45	<3	<0.3	11	8.6	9	0.01	8.6	20	9	9	0
BH7	1.4-1.7	4	<0.3	11	9.3	13	0.01	5.9	17	8	6	0
BH8	0.2-0.4	4	0.5	97	15	10	0.02	50	35	-	8	-
BH9	0.2-0.5	6	0.4	23	18	23	0.02	15	43	34	8	0
BH9	2.0-2.3	12	0.4	20	20	42	0.16	2.3	67	15	7	1
BH9	2.55-2.65	5	0.3	9.3	12	24	0.05	0.7	13	6	5	0
BH10	0.23-0.5	6	0.4	16	22	15	0.01	19	16	15	7	0
BH10	0.55-0.65	4	<0.3	7.2	23	13	<0.01	19	15	6	5	0
Limits of Reporting (LOR)		1	0.3	0.5	0.5	1	0.05	0.5	2	0.02	-	0.05
NATIONAL ENVIRONMENT PROTECTION AMENDMENT MEASURE (2013)												
Health-based Investigation Levels (HIL) ^a B - Residential B		500	150	500 ^c	30000	1200	30 ^d	1200	60000			
Ecological Investigation Levels (EIL) ^b Urban residential		100 ^e	-	400 ^f	55	1100 ^g	-	55	160			
GUIDELINES FOR THE NSW SITE AUDITOR SCHEME (2006)												
Provisional Phytotoxicity-Based Investigation Levels (PIL)		3				1						

- Notes:
- a: Residential with minimal opportunities for soil access; includes dwellings with fully and permanently paved yard space such as high-rise buildings and apartments.
 - b: EIL of aged copper, nickel & zinc were derived from calculation spreadsheet developed by CSIRO for NEPC; old NSW suburb with low traffic volume; the lowest CEC=6 cmolc/kg; pH=4 and TOC=1 % were selected for derivation of EIL.
 - c: Chromium (VI)
 - d: Methyl Mercury
 - e: Generic EIL for aged arsenic
 - f: Chromium (III), clay content was assumed =10%, a conservative assumption
 - g: Generic EIL for aged lead

TABLE E2
METALS, CATION EXCHANGE CAPACITY (CEC), pH & TOTAL ORGANIC CARBON (TOC) TEST RESULTS
DISCRETE SAMPLE
(Ref No: 13188/2-AA)

Sample Location	Depth (m)	METALS (mg/kg)								CEC (cmol/kg)	pH	TOC (%)
		ARSENIC	CADMIUM	CHROMIUM (Total)	COPPER	LEAD	MERCURY	NICKEL	ZINC			
BH2	4.5-4.8	30	0.8	52	130	120	0.4	8.3	260	25	8	3
Limits of Reporting (LOR)		1	0.3	0.5	0.5	1	0.05	0.5	2	0.02	-	0.05
NATIONAL ENVIRONMENT PROTECTION AMENDMENT MEASURE (2013)												
Health-based Investigation Levels (HIL) ^a B - Residential B		500	150	500 ^c	30000	1200	30 ^d	1200	60000			
Ecological Investigation Levels (EIL) ^b - Urban residential		100 ^e	-	400 ^f	240	1100 ^g	-	390	1100			
GUIDELINES FOR THE NSW SITE AUDITOR SCHEME (2006)												
Provisional Phytotoxicity-Based Investigation Levels (PIL)			3				1					

- Notes:
- a: Residential with minimal opportunities for soil access; includes dwellings with fully and permanently paved yard space such as high-rise buildings and apartments.
 - b: EIL of aged copper, nickel & zinc were derived from calculation spreadsheet developed by CSIRO for NEPC; old NSW suburb with low traffic volume; the low est CEC=25 cmolc/kg; pH=8 and TOC=3 % were selected for derivation of EIL.
 - c: Chromium (VI)
 - d: Methyl Mercury
 - e: Generic EIL for aged arsenic
 - f: Chromium (III), clay content was assumed =10%, a conservative assumption
 - g: Generic EIL for aged lead

TABLE F
TOTAL PETROLEUM HYDROCARBONS (TPH) AND BTEX TEST RESULTS
DISCRETE SAMPLE(S)
(Ref No: 13188/2-AA)

												NATIONAL ENVIRONMENT PROTECTION AMENDMENT MEASURE (2013)																							
			TPH (mg/kg)					BTEX (mg/kg)				Health Screening Levels (HSL) B High density residential						Ecological Screening Levels for fine-grained soil Urban residential								Ecological Screening Levels for coarse-grained soil Urban residential									
Sample Location	Depth (m)	Soil type	F1	F2*	F2**	F3	F4	BENZENE	TOLUENE	ETHYLBENZENE	XYLENES	F1	F2*	BENZENE	TOLUENE	ETHYLBENZENE	XYLENES	F1	F2**	F3	F4	BENZENE	TOLUENE	ETHYLBENZENE	XYLENES	F1	F2**	F3	F4	BENZENE	TOLUENE	ETHYLBENZENE	XYLENES		
BH2	0.5-0.8	SAND	<25	<25	<25	<90	<120	<0.1	<0.1	<0.1	<0.3	45	110	0.5	160	55	40	-	-	-	-	-	-	-	-	180	120	300	2800	50	85	70	105		
BH2	4.5-4.8	CLAY	<25	<25	<25	160	<120	<0.1	<0.1	<0.1	<0.3	290	NL	3	NL	NL	NL	180	120	1300	5600	65	105	125	45	-	-	-	-	-	-	-	-		
BH2	5.1-5.25	CLAY	<25	<25	<25	<90	<120	<0.1	<0.1	<0.1	<0.3	290	NL	3	NL	NL	NL	180	120	1300	5600	65	105	125	45	-	-	-	-	-	-	-	-		
BH3	1.5-1.8	CLAY	<25	<25	<25	<90	<120	<0.1	<0.1	<0.1	<0.3	90	NL	1	NL	NL	310	180	120	1300	5600	65	105	125	45	-	-	-	-	-	-	-	-		
BH5	0.1-0.4	CLAY	<25	<25	<25	<90	<120	<0.1	<0.1	<0.1	<0.3	50	280	0.7	480	NL	110	180	120	1300	5600	65	105	125	45	-	-	-	-	-	-	-	-		
BH5	0.6-0.7	CLAY	<25	<25	<25	<90	<120	<0.1	<0.1	<0.1	<0.3	50	280	0.7	480	NL	110	180	120	1300	5600	65	105	125	45	-	-	-	-	-	-	-	-		
BH9	0.2-0.5	SAND	<25	<25	<25	<90	<120	<0.1	<0.1	<0.1	<0.3	45	110	0.5	160	55	40	-	-	-	-	-	-	-	-	180	120	300	2800	50	85	70	105		
BH9	2.0-2.3	CLAY	<25	<25	<25	<90	<120	<0.1	<0.1	<0.1	<0.3	150	NL	2	NL	NL	NL	180	120	1300	5600	65	105	125	45	-	-	-	-	-	-	-	-		
BH9	2.55-2.65	CLAY	<25	<25	<25	<90	<120	<0.1	<0.1	<0.1	<0.3	150	NL	2	NL	NL	NL	180	120	1300	5600	65	105	125	45	-	-	-	-	-	-	-	-		
BH10	0.23-0.5	CLAY	<25	<25	<25	<90	<120	<0.1	<0.1	<0.1	<0.3	50	280	0.7	480	NL	110	180	120	1300	5600	65	105	125	45	-	-	-	-	-	-	-	-		
BH10	0.55-0.65	CLAY	<25	<25	<25	<90	<120	<0.1	<0.1	<0.1	<0.3	50	280	0.7	480	NL	110	180	120	1300	5600	65	105	125	45	-	-	-	-	-	-	-	-		
Limits of Reporting (LOR)			25	-	25	90	120	0.1	0.1	0.1	0.3																								

Notes:

- F1: C6-C10 less BTEX
- F2*: >C10-C16 less Naphthalene
- F2**: >C10-C16
- F3: >C16-C34
- F4: >C34-C40
- NL: Not Limiting

TABLE G
POLYCYCLIC AROMATIC HYDROCARBONS (PAH) TEST RESULTS
DISCRETE SAMPLE(S)
(Ref No: 13188/2-AA)

(Ref NO: 13166/Z-AA)

NATIONAL ENVIRONMENT PROTECTION AMENDMENT MEASURE (2013)														
			PAH (mg/kg)				Health-based Investigation Levels (HIL) B ^a Residential B		Health Screening Level (HSL) B - High density residential		Generic Ecological Investigation Level (ELI) - Urban residential		Ecological Screening Level (ESL) - Urban residential	
			BaP TEQ	TOTAL PAHs	NAPHTHALENE	BENZO(a)PYRENE (BaP)	BaP TEQ	TOTAL PAHs	NAPHTHALENE	NAPHTHALENE	BENZO(a)PYRENE (BaP)			
Sample Location	Depth (m)	Soil type	BaP TEQ	TOTAL PAHs	NAPHTHALENE	BENZO(a)PYRENE (BaP)	BaP TEQ	TOTAL PAHs	NAPHTHALENE	NAPHTHALENE	BENZO(a)PYRENE (BaP)			
BH1	1.5-1.8	CLAY	<0.3	<0.8	<0.1	<0.1	4	400	NL	170	0.7			
BH1	3.15-3.25	SAND	0.7	3.7	<0.1	0.4	4	400	NL	170	0.7			
BH2	0-0.15	SAND	<0.3	<0.8	<0.1	<0.1	4	400	3	170	0.7			
BH2	0.5-0.8	SAND	<0.3	<0.8	<0.1	<0.1	4	400	3	170	0.7			
BH2	4.5-4.8	CLAY	2.3	16	0.3	1.6	4	400	NL	170	0.7			
BH2	5.1-5.25	CLAY	<0.3	<0.8	<0.1	<0.1	4	400	0	170	0.7			
BH3	0-0.1	SAND	<0.3	<0.8	<0.1	<0.1	4	400	3	170	0.7			
BH3	1.5-1.8	CLAY	1	6.8	<0.1	0.7	4	400	NL	170	0.7			
BH4	0-0.15	SAND	0.8	6.1	<0.1	0.6	4	400	3	170	0.7			
BH5	0.1-0.4	CLAY	0.3	2.4	<0.1	0.2	4	400	5	170	0.7			
BH5	0.6-0.7	CLAY	<0.3	<0.8	<0.1	<0.1	4	400	5	170	0.7			
BH6	0.6-0.7	CLAY	<0.3	<0.8	<0.1	<0.1	4	400	5	170	0.7			
BH7	0.15-0.45	SAND	<0.3	<0.8	<0.1	<0.1	4	400	3	170	0.7			
BH7	1.4-1.7	CLAY	<0.3	<0.8	<0.1	<0.1	4	400	NL	170	0.7			
BH8	0.2-0.4	SAND	<0.3	<0.8	<0.1	<0.1	4	400	3	170	0.7			
BH9	0.2-0.5	SAND	<0.3	<0.8	<0.1	<0.1	4	400	3	170	0.7			
BH9	2.0-2.3	CLAY	0.8	4.8	<0.1	0.5	4	400	NL	170	0.7			
BH9	2.55-2.65	CLAY	<0.3	<0.8	<0.1	<0.1	4	400	NL	170	0.7			
BH10	0.23-0.5	CLAY	<0.3	<0.8	<0.1	<0.1	4	400	5	170	0.7			
BH10	0.55-0.65	CLAY	<0.3	<0.8	<0.1	<0.1	4	400	5	170	0.7			
S1	2.0-2.3	CLAY	1	10.6	<0.1	0.9	4	400	NL	170	0.7			
Limits of Reporting (LOR)			0.2	0.8	0.1	0.1								

Notes: a: Residential with minimal opportunities for soil access; includes dwellings with fully and permanently paved yard space such as high-rise buildings and apartments.

NL: Not Limiting

TABLE H
ORGANOCHLORINE PESTICIDES (OCP), POLYCHLORINATED BIPHENYLS (PCB), CYANIDES & PHENOLS TEST
DISCRETE SAMPLE(S)
(Ref No: 13188/2-AA)

Sample Location	Depth (m)	OCP (mg/kg)										(mg/kg)	(mg/kg)	(mg/kg)
		HEXACHLOROBENZENE (HCB)	HEPTACHLOR	ALDRIN+DIELDRIN	ENDRIN	METHOXYCHLOR	MIREX	ENDOSULFAN (alpha, beta & sulphate)	DDD+DDE+DDT	DDT	CHLORDANE (alpha & gamma)			
BH1	1.5-1.8	<0.1	<0.1	<0.15	<0.2	<0.1	<0.1	<0.5	<0.6	<0.2	<0.2	-	-	-
BH1	3.15-3.25	<0.1	<0.1	<0.15	<0.2	<0.1	<0.1	<0.5	<0.6	<0.2	<0.2	-	-	-
BH2	0-0.15	<0.1	<0.1	<0.15	<0.2	<0.1	<0.1	<0.5	<0.6	<0.2	<0.2	-	-	-
BH2	0.5-0.8	<0.1	<0.1	<0.15	<0.2	<0.1	<0.1	<0.5	<0.6	<0.2	<0.2	<1	0.2	0.6
BH2	4.5-4.8	<0.1	<0.1	<0.15	<0.2	<0.1	<0.1	<0.5	<0.6	<0.2	<0.2	<1	<0.1	0.4
BH2	5.1-5.25	<0.1	<0.1	<0.15	<0.2	<0.1	<0.1	<0.5	<0.6	<0.2	<0.2	<1	<0.1	<0.1
BH3	0-0.1	<0.1	<0.1	<0.15	<0.2	<0.1	<0.1	<0.5	<0.6	<0.2	<0.2	-	-	-
BH3	1.5-1.8	<0.1	<0.1	<0.15	<0.2	<0.1	<0.1	<0.5	<0.6	<0.2	<0.2	<1	0.1	0.4
BH4	0-0.15	<0.1	<0.1	<0.15	<0.2	<0.1	<0.1	<0.5	<0.6	<0.2	<0.2	-	-	-
BH5	0.1-0.4	<0.1	<0.1	<0.15	<0.2	<0.1	<0.1	<0.5	<0.6	<0.2	<0.2	<1	0.2	0.3
BH5	0.6-0.7	<0.1	<0.1	<0.15	<0.2	<0.1	<0.1	<0.5	<0.6	<0.2	<0.2	<1	0.1	0.2
BH6	0.6-0.7	<0.1	<0.1	<0.15	<0.2	<0.1	<0.1	<0.5	<0.6	<0.2	<0.2	-	-	-
BH7	0.15-0.45	<0.1	<0.1	<0.15	<0.2	<0.1	<0.1	<0.5	<0.6	<0.2	<0.2	-	-	-
BH7	1.4-1.7	<0.1	<0.1	<0.15	<0.2	<0.1	<0.1	<0.5	<0.6	<0.2	<0.2	-	-	-
BH8	0.2-0.4	<0.1	<0.1	<0.15	<0.2	<0.1	<0.1	<0.5	<0.6	<0.2	<0.2	-	-	-
BH9	0.2-0.5	<0.1	<0.1	<0.15	<0.2	<0.1	<0.1	<0.5	<0.6	<0.2	<0.2	<1	<0.1	0.2
BH9	2.0-2.3	<0.1	<0.1	<0.15	<0.2	<0.1	<0.1	<0.5	<0.6	<0.2	<0.2	<1	0.1	0.4
BH9	2.55-2.65	<0.1	<0.1	<0.15	<0.2	<0.1	<0.1	<0.5	<0.6	<0.2	<0.2	<1	<0.1	0.1
BH10	0.23-0.5	<0.1	<0.1	<0.15	<0.2	<0.1	<0.1	<0.5	<0.6	<0.2	<0.2	<1	<0.1	<0.1
BH10	0.55-0.65	<0.1	<0.1	<0.15	<0.2	<0.1	<0.1	<0.5	<0.6	<0.2	<0.2	<1	<0.1	<0.1
Limits of Reporting (LOR)		0.1	0.1	0.15	0.2	0.1	0.1	0.5	0.6	0.2	0.2	1	0.1	0.1
NATIONAL ENVIRONMENT PROTECTION AMENDMENT MEASURE (2013)														
Health-based Investigation Levels (HIL) ^a - Residential B		15	10	10	20	500	20	400	600		90	1	300	45000
Ecological Investigation Levels (EIL) - Urban residential														

Notes: a: Residential with minimal opportunities for soil access; includes dwellings with fully and permanently paved yard space such as high-rise buildings and apartments.

b: Generic EIL for DDT

TABLE I
ASBESTOS TEST RESULTS
DISCRETE SAMPLE(S)
(Ref No: 13188/2-AA)

Sample Location	Depth (m)	ASBESTOS
BH1	1.5-1.8	No Asbestos Found
BH2	0-0.15	No Asbestos Found
BH2	0.5-0.8	No Asbestos Found
BH2	4.5-4.8	No Asbestos Found
BH3	0-0.1	No Asbestos Found
BH3	1.5-1.8	No Asbestos Found
BH4	0-0.15	No Asbestos Found
BH5	0.1-0.4	No Asbestos Found
BH5	0.6-0.7	No Asbestos Found
BH7	0.15-0.45	No Asbestos Found
BH7	1.4-1.7	No Asbestos Found
BH9	0.2-0.5	No Asbestos Found
BH9	2.0-2.3	No Asbestos Found
BH10	0.23-0.5	No Asbestos Found

APPENDIX A

AREAS OF ENVIRONMENTAL CONCERN FROM SLR CONSULTING AUSTRALIA PTY LTD



→ Recommended direction for the existing boreholes to be moved

Table Areas of Environmental Concern and Contaminants of Potential Concern

ID	AEC	Contaminants of Potential Concern
AEC 1	Former above ground tanks (ASTs)	Hydrocarbons, metals, asbestos
AEC 2	Former building at the site	Metals, asbestos, pesticides
AEC 3	Reclaimed land	Metals, hydrocarbons, pesticides, asbestos
AEC 4	Potential underground fuel tanks and the transformer area	Hydrocarbons, metals, asbestos, PCBs
AEC 5	Potential underground fuel tanks	Hydrocarbons, metals, aesthetics
AEC 6	Filled area within the vicinity of the administration building	Hydrocarbons, metals, asbestos
AEC 7	Storage of liquid nitrogen, phosphorous acid and hydrochloric acid	
AEC 8	Caustic soda room, ejector's room and separator's room	
AEC 9	Grout area and oil water separator room	Hydrocarbons, metals
AEC 10	Former stockpile area	Hydrocarbons, metals, asbestos
AEC 11	Trucks manoeuvring area	Hydrocarbons, metals, asbestos

APPENDIX B

BUSHELL'S HISTORY


[About us](#)
[Our range](#)
[Recipes](#)
[Food Service](#)
[Contact us](#)

BUSHELLS

Alfred Thomas Bushells family we who employed 50 men and 45 boys, whilst his wife Agnes was the sister of the founder of Brooke Bond, the English Tea Company.

Following the death of his wife, Agnes in the early 1880's, Alfred traveled to Brisbane and by 1883 was trading in Brisbane selling both tea and coffee from a shop. Some years later, two of Alfred's sons started selling tea in Sydney trading as Bushell and Company - the Tea Men. The Sydney business was expanded from selling tea on a roadside stall to selling tea wholesale. In 1899 the business expanded further when a branch was opened in Melbourne.

By 1902 Alfred and his sons, Walter and Phillip, were well established as tea traders, but all was not well. The sons disagreed with the way their father was running the business and on 14th July 1903 the partnership with father Alfred was dissolved. Alfred retained Queensland while Walter and Phillip took control of Sydney and Melbourne. It appears to have been an amicable parting of the ways as the brothers continued to use their father's picture on the packet to attract the more conservative customers.

In 1908, Alfred was contemplating retiring from business and was 'desirous of assigning' the Queensland business to the two sons. A memorandum of agreement stated that Alfred had the 'express desire that the surname shall continue to be identified with the business'. Following Alfred's death in 1910, Bushells Ltd was registered as public company. In 1915 an agent was appointed in Western Australia.

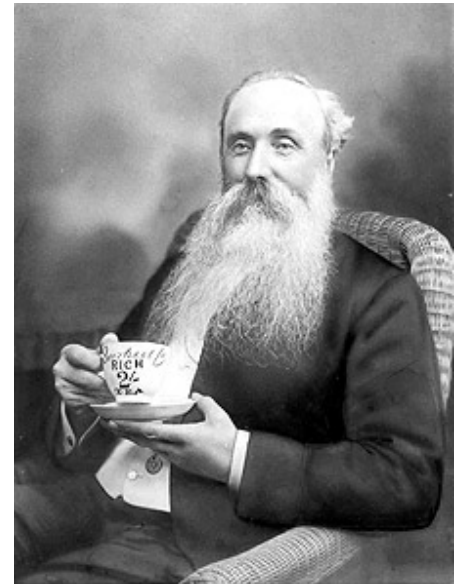
By 1918 Bushells Ltd had expanded into Tasmania and South Australia, but this was not without its problems. The company had over extended itself and the bank was proving difficult in assisting with the cash flow problems. It was later reported that Phillip was 'really' worried and called the staff together to explain the situation. According to an interview at the time, 'The staff kicked in the money from their own resources. The crisis was overcome with money from the employees. Most of them decided to be paid back in shares rather than cash, and many finished up very well off'.

Land was purchased in 1920 in the area now known as 'The Rocks' in Sydney. It was here that Bushells was to build its seven-story head office and incorporate new tea blending and packing methods of both tea and coffee. This was to remain the head office and tea factory for the next 40 years.

In 1937 Bushells Ltd formed a company in New Zealand. To introduce their product to New Zealand the company sent every housewife on the electoral roll a personally addressed letter together with a card entitling her to a half pound (225g) of tea, completely free of charge. This quickly established the company and within a year it had a huge section of the tea market.

In about 1945, J.A.D. Gibson Pty Ltd, who had previously sold the tea division of their business to Robert Timms, was itself taken over by Bushells. At this time Gibsons was manufacturing coffee essence and roasting coffee in Sydney and in Newcastle.

In 1955 Bushells took over their long time rival in the New South Wales market, Inglis Ltd. The purchase of the company brought with it a significant number of brands ranging from matches (Red Head) to canned fish, sauces, wine and spirits and a flour mill in Ultimo that produced a type of porridge. There is even a record of owning a patent for a 'clothes drying apparatus'. Included in the beverage list were the teas 'Billy Tea', 'Goldena', 'Aromatte', 'Kofe-Kol' and 'Uncle Tom's Pure Coffee'. For a number of



Alfred Thomas Bushell
1833 - 1910



Anthony Oxley

years the company continued to trade in its own name, but gradually the factories and depots were amalgamated into Bushells.

In the mid 50's a decision was made to move the Bushells Head Office. Employees at the time state that the main reason for deciding to move west was the belief that the city itself was expanding that way. Several sites were examined before the current Concord site was chosen. According to records the purchase date is identified as being on Christmas Eve, 1956 and was for 85,000 pounds (\$170,000).

It is believed that a timber yard was operating on the site prior to the purchase, with a weatherboard building along one boundary leading onto a jetty sitting on piles. Apart from this the site was substantially clear and ready for immediate development, so indicative plans were drawn up and spray drying equipment and six instant coffee extractors were ordered from America.

The initial design of the Concord factory was to accommodate tea packing and warehousing. Indications are that some tea production commenced at the Concord site early in 1958 and that the equipment was transferred from The Rocks. The Newcastle tea plant was closed in 1963, as progressively were the other factories in Perth, Queensland and Victoria.

In 1978 the Bushells family made the decision to sell their shares and approached their cousins, Brooke, in England. The Brooke Bond company was still substantially owned by the Brooke family, but operated under the name of Brooke Bond Liebig Ltd.

At the time, newspaper reports indicated that there was some resistance to a non-Australian company purchasing the business, but the government was in the process of relaxing its policy of overseas ownership. Objections to the take over by Brooke Bond Liebig Ltd were overcome and following the sale of the shares, Bushells donated and established a public plaza. The plaza, known as 'Bushell Place', is in The Rocks area in Sydney.

Throughout the 1980's the company continued to make substantial investments in its coffee business. The instant coffee extraction plant was rebuilt in 1981, a new continuous roaster for the instant coffee was installed in 1982 and a new instant coffee agglomerator in was installed in 1985. Unilever acquired the company through their purchase of the Brooke Bond business in 1988.

In 1998, as part of an acquisition of coffee brands from Unilever, FreshFood Services Pty Ltd purchased the Bushells coffee brand. The tea brand still remains with Unilever. The coffee continues to be produced at the Concord Factory. FreshFood also purchased the New Zealand division of Bushells coffee.



Alfred Bushell's Family
From left: Phillip, Walter, Laura, George, Charles.



Bushell & Co. Sydney
Circa 1912

APPENDIX C

ENVIROLAB SERVICES CERTIFICATES OF ANALYSIS AND SGS ENVIRONMENTAL SERVICES ANALYTICAL REPORT

CERTIFICATE OF ANALYSIS

114771

Client:

Geotechnique Pty Ltd
PO Box 880
Penrith
NSW 2751

Attention: An Nguyen

Sample log in details:

Your Reference:	13188/2, Concord
No. of samples:	1 Soil
Date samples received / completed instructions received	18/08/14 / 18/08/14

Analysis Details:

Please refer to the following pages for results, methodology summary and quality control data.
Samples were analysed as received from the client. Results relate specifically to the samples as received.
Results are reported on a dry weight basis for solids and on an as received basis for other matrices.
Please refer to the last page of this report for any comments relating to the results.

Report Details:

Date results requested by: / Issue Date:	25/08/14 / 22/08/14
Date of Preliminary Report:	Not Issued

NATA accreditation number 2901. This document shall not be reproduced except in full.
Accredited for compliance with ISO/IEC 17025. **Tests not covered by NATA are denoted with *.**

Results Approved By:



Jacinta Hurst
Laboratory Manager

vTRH(C6-C10)/BTEXN in Soil		
Our Reference:	UNITS	114771-1
Your Reference	-----	S1
Date Sampled	-----	14/08/2014
Type of sample		Soil
Date extracted	-	19/08/2014
Date analysed	-	20/08/2014
TRHC ₆ - C ₉	mg/kg	<25
TRHC ₆ - C ₁₀	mg/kg	<25
vTPHC ₆ - C ₁₀ less BTEX (F1)	mg/kg	<25
Benzene	mg/kg	<0.2
Toluene	mg/kg	<0.5
Ethylbenzene	mg/kg	<1
m+p-xylene	mg/kg	<2
o-Xylene	mg/kg	<1
naphthalene	mg/kg	<1
Surrogate aaa-Trifluorotoluene	%	133

svTRH (C10-C40) in Soil		
Our Reference:	UNITS	114771-1
Your Reference	-----	S1
Date Sampled	-----	14/08/2014
Type of sample		Soil
Date extracted	-	19/08/2014
Date analysed	-	19/08/2014
TRHC ₁₀ - C ₁₄	mg/kg	<50
TRHC ₁₅ - C ₂₈	mg/kg	<100
TRHC ₂₉ - C ₃₆	mg/kg	<100
TRH>C ₁₀ -C ₁₆	mg/kg	<50
TRH>C ₁₀ - C ₁₆ less Naphthalene (F2)	mg/kg	<50
TRH>C ₁₆ -C ₃₄	mg/kg	<100
TRH>C ₃₄ -C ₄₀	mg/kg	<100
Surrogate o-Terphenyl	%	90

PAHs in Soil		
Our Reference:	UNITS	114771-1
Your Reference	-----	S1
Date Sampled	-----	14/08/2014
Type of sample		Soil
Date extracted	-	19/08/2014
Date analysed	-	19/08/2014
Naphthalene	mg/kg	<0.1
Acenaphthylene	mg/kg	<0.1
Acenaphthene	mg/kg	<0.1
Fluorene	mg/kg	<0.1
Phenanthrene	mg/kg	0.8
Anthracene	mg/kg	0.2
Fluoranthene	mg/kg	1.6
Pyrene	mg/kg	1.7
Benzo(a)anthracene	mg/kg	0.7
Chrysene	mg/kg	0.7
Benzo(b,j+k)fluoranthene	mg/kg	1.4
Benzo(a)pyrene	mg/kg	0.93
Indeno(1,2,3-c,d)pyrene	mg/kg	0.6
Dibenzo(a,h)anthracene	mg/kg	<0.1
Benzo(g,h,i)perylene	mg/kg	0.5
Benzo(a)pyrene TEQ NEPMB1	mg/kg	1.0
Total Positive PAHs	mg/kg	9.1
Surrogate p-Terphenyl-d14	%	102

Organochlorine Pesticides in soil		
Our Reference:	UNITS	114771-1
Your Reference	-----	S1
Date Sampled	-----	14/08/2014
Type of sample		Soil
Date extracted	-	19/08/2014
Date analysed	-	19/08/2014
HCB	mg/kg	<0.1
alpha-BHC	mg/kg	<0.1
gamma-BHC	mg/kg	<0.1
beta-BHC	mg/kg	<0.1
Heptachlor	mg/kg	<0.1
delta-BHC	mg/kg	<0.1
Aldrin	mg/kg	<0.1
Heptachlor Epoxide	mg/kg	<0.1
gamma-Chlordane	mg/kg	<0.1
alpha-chlordane	mg/kg	<0.1
Endosulfan I	mg/kg	<0.1
pp-DDE	mg/kg	<0.1
Dieldrin	mg/kg	<0.1
Endrin	mg/kg	<0.1
pp-DDD	mg/kg	<0.1
Endosulfan II	mg/kg	<0.1
pp-DDT	mg/kg	<0.1
Endrin Aldehyde	mg/kg	<0.1
Endosulfan Sulphate	mg/kg	<0.1
Methoxychlor	mg/kg	<0.1
Surrogate TCMX	%	85

PCBs in Soil	UNITS	114771-1
Our Reference:	-----	S1
Your Reference	-----	14/08/2014
Date Sampled		Soil
Type of sample		
Date extracted	-	19/08/2014
Date analysed	-	19/08/2014
Arochlor 1016	mg/kg	<0.1
Arochlor 1221	mg/kg	<0.1
Arochlor 1232	mg/kg	<0.1
Arochlor 1242	mg/kg	<0.1
Arochlor 1248	mg/kg	<0.1
Arochlor 1254	mg/kg	<0.1
Arochlor 1260	mg/kg	<0.1
Surrogate TCLMX	%	85

Total Phenolics in Soil		
Our Reference:	UNITS	114771-1
Your Reference	-----	S1
Date Sampled	-----	14/08/2014
Type of sample		Soil
Date extracted	-	19/08/2014
Date analysed	-	19/08/2014
Total Phenolics (as Phenol)	mg/kg	<5

Acid Extractable metals in soil		
Our Reference:	UNITS	114771-1
Your Reference	-----	S1
Date Sampled	-----	14/08/2014
Type of sample		Soil
Date digested	-	19/08/2014
Date analysed	-	20/08/2014
Arsenic	mg/kg	20
Cadmium	mg/kg	<0.4
Chromium	mg/kg	25
Copper	mg/kg	32
Lead	mg/kg	50
Mercury	mg/kg	0.3
Nickel	mg/kg	3
Zinc	mg/kg	100

Miscellaneous Inorg - soil		
Our Reference:	UNITS	114771-1
Your Reference	-----	S1
Date Sampled	-----	14/08/2014
Type of sample		Soil
Date prepared	-	19/08/2014
Date analysed	-	19/08/2014
pH 1:5 soil:water	pH Units	7.2
Total Cyanide	mg/kg	<0.5

Moisture		
Our Reference:	UNITS	114771-1
Your Reference	-----	S1
Date Sampled	-----	14/08/2014
Type of sample		Soil
Date prepared	-	19/08/2014
Date analysed	-	20/08/2014
Moisture	%	22

Method ID	Methodology Summary
Org-016	Soil samples are extracted with methanol and spiked into water prior to analysing by purge and trap GC-MS. Water samples are analysed directly by purge and trap GC-MS. F1 = (C6-C10)-BTEX as per NEPM B1 Guideline on Investigation Levels for Soil and Groundwater.
Org-014	Soil samples are extracted with methanol and spiked into water prior to analysing by purge and trap GC-MS.
Org-003	Soil samples are extracted with Dichloromethane/Acetone and waters with Dichloromethane and analysed by GC-FID. F2 = (>C10-C16)-Naphthalene as per NEPM B1 Guideline on Investigation Levels for Soil and Groundwater (HSLs Tables 1A (3, 4)). Note Naphthalene is determined from the VOC analysis.
Org-012 subset	Soil samples are extracted with Dichloromethane/Acetone and waters with Dichloromethane and analysed by GC-MS. Benzo(a)pyrene TEQ as per NEPM B1 Guideline on Investigation Levels for Soil and Groundwater - 2013.
Org-005	Soil samples are extracted with dichloromethane/acetone and waters with dichloromethane and analysed by GC with dual ECD's.
Org-006	Soil samples are extracted with dichloromethane/acetone and waters with dichloromethane and analysed by GC-ECD.
Inorg-031	Total Phenolics by segmented flow analyser (in line distillation with colourimetric finish). Solids are extracted in a caustic media prior to analysis.
Metals-020 ICP-AES	Determination of various metals by ICP-AES.
Metals-021 CV-AAS	Determination of Mercury by Cold Vapour AAS.
Inorg-001	pH - Measured using pH meter and electrode in accordance with APHA 22nd ED, 4500-H+. Please note that the results for water analyses are indicative only, as analysis outside of the APHA storage times.
Inorg-014	Cyanide - free, total, weak acid dissociable by segmented flow analyser (in line dialysis with colourimetric finish). Solids are extracted in a caustic media prior to analysis.
Inorg-008	Moisture content determined by heating at 105+/-5 deg C for a minimum of 12 hours.

QUALITYCONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results	Spike Sm#	Spike % Recovery
vTRH(C6-C10)/BTEXN in Soil						Base II Duplicate II %RPD		
Date extracted	-			19/08/2014	[NT]	[NT]	LCS-1	19/08/2014
Date analysed	-			20/08/2014	[NT]	[NT]	LCS-1	20/08/2014
TRHC ₆ - C ₉	mg/kg	25	Org-016	<25	[NT]	[NT]	LCS-1	120%
TRHC ₆ - C ₁₀	mg/kg	25	Org-016	<25	[NT]	[NT]	LCS-1	120%
Benzene	mg/kg	0.2	Org-016	<0.2	[NT]	[NT]	LCS-1	115%
Toluene	mg/kg	0.5	Org-016	<0.5	[NT]	[NT]	LCS-1	121%
Ethylbenzene	mg/kg	1	Org-016	<1	[NT]	[NT]	LCS-1	120%
m+p-xylene	mg/kg	2	Org-016	<2	[NT]	[NT]	LCS-1	122%
o-Xylene	mg/kg	1	Org-016	<1	[NT]	[NT]	LCS-1	130%
naphthalene	mg/kg	1	Org-014	<1	[NT]	[NT]	[NR]	[NR]
Surrogate aaa-Trifluorotoluene	%		Org-016	139	[NT]	[NT]	LCS-1	133%
QUALITYCONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results	Spike Sm#	Spike % Recovery
svTRH (C10-C40) in Soil						Base II Duplicate II %RPD		
Date extracted	-			19/08/2014	[NT]	[NT]	LCS-1	19/08/2014
Date analysed	-			19/08/2014	[NT]	[NT]	LCS-1	19/08/2014
TRHC ₁₀ - C ₁₄	mg/kg	50	Org-003	<50	[NT]	[NT]	LCS-1	85%
TRHC ₁₅ - C ₂₈	mg/kg	100	Org-003	<100	[NT]	[NT]	LCS-1	100%
TRHC ₂₈ - C ₃₆	mg/kg	100	Org-003	<100	[NT]	[NT]	LCS-1	86%
TRH>C ₁₀ -C ₁₆	mg/kg	50	Org-003	<50	[NT]	[NT]	LCS-1	85%
TRH>C ₁₆ -C ₃₄	mg/kg	100	Org-003	<100	[NT]	[NT]	LCS-1	100%
TRH>C ₃₄ -C ₄₀	mg/kg	100	Org-003	<100	[NT]	[NT]	LCS-1	86%
Surrogate o-Terphenyl	%		Org-003	85	[NT]	[NT]	LCS-1	93%
QUALITYCONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results	Spike Sm#	Spike % Recovery
PAHs in Soil						Base II Duplicate II %RPD		
Date extracted	-			19/08/2014	[NT]	[NT]	LCS-1	19/08/2014
Date analysed	-			19/08/2014	[NT]	[NT]	LCS-1	19/08/2014
Naphthalene	mg/kg	0.1	Org-012 subset	<0.1	[NT]	[NT]	LCS-1	101%
Acenaphthylene	mg/kg	0.1	Org-012 subset	<0.1	[NT]	[NT]	[NR]	[NR]
Acenaphthene	mg/kg	0.1	Org-012 subset	<0.1	[NT]	[NT]	[NR]	[NR]
Fluorene	mg/kg	0.1	Org-012 subset	<0.1	[NT]	[NT]	LCS-1	97%
Phenanthrene	mg/kg	0.1	Org-012 subset	<0.1	[NT]	[NT]	LCS-1	97%
Anthracene	mg/kg	0.1	Org-012 subset	<0.1	[NT]	[NT]	[NR]	[NR]
Fluoranthene	mg/kg	0.1	Org-012 subset	<0.1	[NT]	[NT]	LCS-1	100%

QUALITY CONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results	Spike Sm#	Spike % Recovery
PAHs in Soil						Base II Duplicate II %RPD		
Pyrene	mg/kg	0.1	Org-012 subset	<0.1	[NT]	[NT]	LCS-1	100%
Benzo(a)anthracene	mg/kg	0.1	Org-012 subset	<0.1	[NT]	[NT]	[NR]	[NR]
Chrysene	mg/kg	0.1	Org-012 subset	<0.1	[NT]	[NT]	LCS-1	94%
Benzo(b,j+k) fluoranthene	mg/kg	0.2	Org-012 subset	<0.2	[NT]	[NT]	[NR]	[NR]
Benzo(a)pyrene	mg/kg	0.05	Org-012 subset	<0.05	[NT]	[NT]	LCS-1	104%
Indeno(1,2,3-c,d)pyrene	mg/kg	0.1	Org-012 subset	<0.1	[NT]	[NT]	[NR]	[NR]
Dibenzo(a,h)anthracene	mg/kg	0.1	Org-012 subset	<0.1	[NT]	[NT]	[NR]	[NR]
Benzo(g,h,i)perylene	mg/kg	0.1	Org-012 subset	<0.1	[NT]	[NT]	[NR]	[NR]
Surrogate p-Terphenyl-d14	%		Org-012 subset	99	[NT]	[NT]	LCS-1	98%
QUALITY CONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results	Spike Sm#	Spike % Recovery
Organochlorine Pesticides in soil						Base II Duplicate II %RPD		
Date extracted	-			19/08/2014	[NT]	[NT]	LCS-1	19/08/2014
Date analysed	-			19/08/2014	[NT]	[NT]	LCS-1	19/08/2014
HCB	mg/kg	0.1	Org-005	<0.1	[NT]	[NT]	[NR]	[NR]
alpha-BHC	mg/kg	0.1	Org-005	<0.1	[NT]	[NT]	LCS-1	89%
gamma-BHC	mg/kg	0.1	Org-005	<0.1	[NT]	[NT]	[NR]	[NR]
beta-BHC	mg/kg	0.1	Org-005	<0.1	[NT]	[NT]	LCS-1	86%
Heptachlor	mg/kg	0.1	Org-005	<0.1	[NT]	[NT]	LCS-1	86%
delta-BHC	mg/kg	0.1	Org-005	<0.1	[NT]	[NT]	[NR]	[NR]
Aldrin	mg/kg	0.1	Org-005	<0.1	[NT]	[NT]	LCS-1	92%
Heptachlor Epoxide	mg/kg	0.1	Org-005	<0.1	[NT]	[NT]	LCS-1	92%
gamma-Chlordane	mg/kg	0.1	Org-005	<0.1	[NT]	[NT]	[NR]	[NR]
alpha-chlordane	mg/kg	0.1	Org-005	<0.1	[NT]	[NT]	[NR]	[NR]
Endosulfan I	mg/kg	0.1	Org-005	<0.1	[NT]	[NT]	[NR]	[NR]
pp-DDE	mg/kg	0.1	Org-005	<0.1	[NT]	[NT]	LCS-1	95%
Dieldrin	mg/kg	0.1	Org-005	<0.1	[NT]	[NT]	LCS-1	82%
Endrin	mg/kg	0.1	Org-005	<0.1	[NT]	[NT]	LCS-1	94%
pp-DDD	mg/kg	0.1	Org-005	<0.1	[NT]	[NT]	LCS-1	96%
Endosulfan II	mg/kg	0.1	Org-005	<0.1	[NT]	[NT]	[NR]	[NR]
pp-DDT	mg/kg	0.1	Org-005	<0.1	[NT]	[NT]	[NR]	[NR]
Endrin Aldehyde	mg/kg	0.1	Org-005	<0.1	[NT]	[NT]	[NR]	[NR]
Endosulfan Sulphate	mg/kg	0.1	Org-005	<0.1	[NT]	[NT]	LCS-1	90%
Methoxychlor	mg/kg	0.1	Org-005	<0.1	[NT]	[NT]	[NR]	[NR]
Surrogate TCMX	%		Org-005	85	[NT]	[NT]	LCS-1	81%

Client Reference: 13188/2, Concord

QUALITYCONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results	Spike Sm#	Spike % Recovery
PCBs in Soil						Base II Duplicate II %RPD		
Date extracted	-			19/08/2014	[NT]	[NT]	LCS-1	19/08/2014
Date analysed	-			19/08/2014	[NT]	[NT]	LCS-1	19/08/2014
Arochlor 1016	mg/kg	0.1	Org-006	<0.1	[NT]	[NT]	[NR]	[NR]
Arochlor 1221	mg/kg	0.1	Org-006	<0.1	[NT]	[NT]	[NR]	[NR]
Arochlor 1232	mg/kg	0.1	Org-006	<0.1	[NT]	[NT]	[NR]	[NR]
Arochlor 1242	mg/kg	0.1	Org-006	<0.1	[NT]	[NT]	[NR]	[NR]
Arochlor 1248	mg/kg	0.1	Org-006	<0.1	[NT]	[NT]	[NR]	[NR]
Arochlor 1254	mg/kg	0.1	Org-006	<0.1	[NT]	[NT]	LCS-1	106%
Arochlor 1260	mg/kg	0.1	Org-006	<0.1	[NT]	[NT]	[NR]	[NR]
Surrogate TCLMX	%		Org-006	85	[NT]	[NT]	LCS-1	76%
QUALITYCONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results	Spike Sm#	Spike % Recovery
Total Phenolics in Soil						Base II Duplicate II %RPD		
Date extracted	-			19/08/2014	[NT]	[NT]	LCS-1	19/08/2014
Date analysed	-			19/08/2014	[NT]	[NT]	LCS-1	19/08/2014
Total Phenolics (as Phenol)	mg/kg	5	Inorg-031	<5	[NT]	[NT]	LCS-1	101%
QUALITYCONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results	Spike Sm#	Spike % Recovery
Acid Extractable metals in soil						Base II Duplicate II %RPD		
Date digested	-			19/08/2014	[NT]	[NT]	LCS-2	19/08/2014
Date analysed	-			20/08/2014	[NT]	[NT]	LCS-2	20/08/2014
Arsenic	mg/kg	4	Metals-020 ICP-AES	<4	[NT]	[NT]	LCS-2	103%
Cadmium	mg/kg	0.4	Metals-020 ICP-AES	<0.4	[NT]	[NT]	LCS-2	110%
Chromium	mg/kg	1	Metals-020 ICP-AES	<1	[NT]	[NT]	LCS-2	108%
Copper	mg/kg	1	Metals-020 ICP-AES	<1	[NT]	[NT]	LCS-2	106%
Lead	mg/kg	1	Metals-020 ICP-AES	<1	[NT]	[NT]	LCS-2	104%
Mercury	mg/kg	0.1	Metals-021 CV-AAS	<0.1	[NT]	[NT]	LCS-2	89%
Nickel	mg/kg	1	Metals-020 ICP-AES	<1	[NT]	[NT]	LCS-2	107%
Zinc	mg/kg	1	Metals-020 ICP-AES	<1	[NT]	[NT]	LCS-2	106%

Client Reference: 13188/2, Concord

QUALITY CONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results	Spike Sm#	Spike % Recovery
Miscellaneous Inorg - soil						Base II Duplicate II %RPD		
Date prepared	-			19/08/2014	[NT]	[NT]	LCS-1	19/08/2014
Date analysed	-			19/08/2014	[NT]	[NT]	LCS-1	19/08/2014
pH 1:5 soil:water	pH Units		Inorg-001	[NT]	[NT]	[NT]	LCS-1	101%
Total Cyanide	mg/kg	0.5	Inorg-014	<0.5	[NT]	[NT]	LCS-1	87%

Report Comments:

Asbestos ID was analysed by Approved Identifier:	Not applicable for this job
Asbestos ID was authorised by Approved Signatory:	Not applicable for this job

INS: Insufficient sample for this test	PQL: Practical Quantitation Limit	NT: Not tested
NA: Test not required	RPD: Relative Percent Difference	NA: Test not required
<: Less than	>: Greater than	LCS: Laboratory Control Sample

Quality Control Definitions

Blank: This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.

Duplicate: This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.

Matrix Spike: A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.

LCS (Laboratory Control Sample): This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.

Surrogate Spike: Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: <5xPQL - any RPD is acceptable; >5xPQL - 0-50% RPD is acceptable.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals; 60-140% for organics and 10-140% for SVOC and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

CLIENT DETAILS

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Project **13188-2 - Concord**
Order Number (Not specified)
Samples 28
Date Received 18/8/2014

LABORATORY DETAILS

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SGS Reference **SE130614 R0**
Report Number 0000089952
Date Reported 26/8/2014
Date Started 20/8/2014

COMMENTS

Accredited for compliance with ISO/IEC 17025. NATA accredited laboratory 2562(4354).

Sample # 11: portion of the sample supplied has been sub-sampled for asbestos according to SGS In-house procedures. We therefore cannot guarantee that the sub-sample is representative of the entire sample supplied.

SGS Environmental Services recommends supplying approximately 50-100g of sample in a separate container.

No respirable fibres detected in all samples using trace analysis technique.

Asbestos analysed by Approved Identifier Yusuf Kuthpudin.

SIGNATORIES



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Senior Organic Chemist



Dong Liang
Metals/Inorganics Team Leader



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Production Manager



Jaimie Cheung
Metals Chemist



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VOC's in Soil [AN433/AN434]

			BH2 0.5-0.8	BH2 4.5-4.8	BH2 5.1-5.25	BH3 1.5-1.8	BH5 0.1-0.4	BH5 0.6-0.7
			SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			11/8/2014	11/8/2014	11/8/2014	12/8/2014	13/8/2014	13/8/2014
PARAMETER	UOM	LOR	SE130614.004	SE130614.005	SE130614.006	SE130614.008	SE130614.010	SE130614.011
Benzene	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Toluene	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Ethylbenzene	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
m/p-xylene	mg/kg	0.20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
o-xylene	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Naphthalene	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Total Xylenes*	mg/kg	0.30	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Total BTEX*	mg/kg	0.60	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6

			BH9 0.2-0.5	BH9 2.0-2.3	BH9 2.55-2.65	BH10 0.23-0.5	BH10 0.55-0.65	Duplicate D2
			SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			14/8/2014	14/8/2014	14/8/2014	12/8/2014	12/8/2014	13/8/2014
PARAMETER	UOM	LOR	SE130614.016	SE130614.017	SE130614.018	SE130614.019	SE130614.020	SE130614.021
Benzene	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Toluene	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Ethylbenzene	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
m/p-xylene	mg/kg	0.20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
o-xylene	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Naphthalene	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Total Xylenes*	mg/kg	0.30	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Total BTEX*	mg/kg	0.60	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6

			Trip Spike TS1	Trip Spike TS2
			SOIL	SOIL
			12/8/2014	14/8/2014
PARAMETER	UOM	LOR	SE130614.022	SE130614.023
Benzene	mg/kg	0.10	[85%]	[79%]
Toluene	mg/kg	0.10	[79%]	[91%]
Ethylbenzene	mg/kg	0.10	[81%]	[95%]
m/p-xylene	mg/kg	0.20	[81%]	[97%]
o-xylene	mg/kg	0.10	[86%]	[97%]
Naphthalene	mg/kg	0.10	<0.1	<0.1
Total Xylenes*	mg/kg	0.30	-	-
Total BTEX*	mg/kg	0.60	-	-

Volatile Petroleum Hydrocarbons in Soil [AN433/AN434/AN410]

PARAMETER	UOM	LOR	BH2 0.5-0.8	BH2 4.5-4.8	BH2 5.1-5.25	BH3 1.5-1.8	BH5 0.1-0.4	BH5 0.6-0.7
			SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			-	-	-	-	-	-
			11/8/2014 SE130614.004	11/8/2014 SE130614.005	11/8/2014 SE130614.006	12/8/2014 SE130614.008	13/8/2014 SE130614.010	13/8/2014 SE130614.011
Benzene (F0)	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TRH C6-C9	mg/kg	20	<20	<20	<20	<20	<20	<20
TRH C6-C10	mg/kg	25.0	<25	<25	<25	<25	<25	<25
TRH C6-C10 minus BTEX (F1)	mg/kg	25.0	<25	<25	<25	<25	<25	<25

PARAMETER	UOM	LOR	BH9 0.2-0.5	BH9 2.0-2.3	BH9 2.55-2.65	BH10 0.23-0.5	BH10 0.55-0.65	Duplicate D2
			SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			-	-	-	-	-	-
			14/8/2014 SE130614.016	14/8/2014 SE130614.017	14/8/2014 SE130614.018	12/8/2014 SE130614.019	12/8/2014 SE130614.020	13/8/2014 SE130614.021
Benzene (F0)	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TRH C6-C9	mg/kg	20	<20	<20	<20	<20	<20	<20
TRH C6-C10	mg/kg	25.0	<25	<25	<25	<25	<25	<25
TRH C6-C10 minus BTEX (F1)	mg/kg	25.0	<25	<25	<25	<25	<25	<25

TRH (Total Recoverable Hydrocarbons) in Soil [AN403]

PARAMETER	UOM	LOR	BH2 0.5-0.8	BH2 4.5-4.8	BH2 5.1-5.25	BH3 1.5-1.8	BH5 0.1-0.4	BH5 0.6-0.7
			SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			11/8/2014 SE130614.004	11/8/2014 SE130614.005	11/8/2014 SE130614.006	12/8/2014 SE130614.008	13/8/2014 SE130614.010	13/8/2014 SE130614.011
TRH C10-C14	mg/kg	20	<20	<20	<20	<20	<20	<20
TRH C15-C28	mg/kg	45.0	<45	100	<45	<45	<45	<45
TRH C29-C36	mg/kg	45.0	<45	87	<45	<45	<45	<45
TRH C37-C40	mg/kg	100	<100	<100	<100	<100	<100	<100
TRH >C10-C16 (F2)	mg/kg	25.0	<25	<25	<25	<25	<25	<25
TRH >C10-C16 (F2) minus	mg/kg	25.0	<25	<25	<25	<25	<25	<25
TRH >C16-C34 (F3)	mg/kg	90	<90	160	<90	<90	<90	<90
TRH >C34-C40 (F4)	mg/kg	120	<120	<120	<120	<120	<120	<120
TRH C10-C36 Total	mg/kg	110	<110	190	<110	<110	<110	<110
TRH C10-C40 Total	mg/kg	210	<210	<210	<210	<210	<210	<210

PARAMETER	UOM	LOR	BH9 0.2-0.5	BH9 2.0-2.3	BH9 2.55-2.65	BH10 0.23-0.5	BH10 0.55-0.65	Duplicate D2
			SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			14/8/2014 SE130614.016	14/8/2014 SE130614.017	14/8/2014 SE130614.018	12/8/2014 SE130614.019	12/8/2014 SE130614.020	13/8/2014 SE130614.021
TRH C10-C14	mg/kg	20	<20	<20	<20	<20	<20	<20
TRH C15-C28	mg/kg	45.0	65	<45	<45	<45	<45	<45
TRH C29-C36	mg/kg	45.0	<45	<45	<45	<45	<45	<45
TRH C37-C40	mg/kg	100	<100	<100	<100	<100	<100	<100
TRH >C10-C16 (F2)	mg/kg	25.0	<25	<25	<25	<25	<25	<25
TRH >C10-C16 (F2) minus	mg/kg	25.0	<25	<25	<25	<25	<25	<25
TRH >C16-C34 (F3)	mg/kg	90	<90	<90	<90	<90	<90	<90
TRH >C34-C40 (F4)	mg/kg	120	<120	<120	<120	<120	<120	<120
TRH C10-C36 Total	mg/kg	110	<110	<110	<110	<110	<110	<110
TRH C10-C40 Total	mg/kg	210	<210	<210	<210	<210	<210	<210

PAH (Polynuclear Aromatic Hydrocarbons) in Soil [AN420]

PARAMETER	UOM	LOR	BH1 1.5-1.8	BH1 3.15-3.25	BH2 0-0.15	BH2 0.5-0.8	BH2 4.5-4.8	BH2 5.1-5.25
			SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			7/8/2014 SE130614.001	7/8/2014 SE130614.002	11/8/2014 SE130614.003	11/8/2014 SE130614.004	11/8/2014 SE130614.005	11/8/2014 SE130614.006
Naphthalene	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	0.3	<0.1
2-methylnaphthalene	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1-methylnaphthalene	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthylene	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	0.2	<0.1
Acenaphthene	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fluorene	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Phenanthrene	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	0.8	<0.1
Anthracene	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	0.2	<0.1
Fluoranthene	mg/kg	0.10	<0.1	0.5	<0.1	<0.1	2.4	<0.1
Pyrene	mg/kg	0.10	<0.1	0.5	<0.1	<0.1	3.1	<0.1
Benzo(a)anthracene	mg/kg	0.10	<0.1	0.3	<0.1	<0.1	1.1	<0.1
Chrysene	mg/kg	0.10	<0.1	0.3	<0.1	<0.1	1.1	<0.1
Benzo(b&j)fluoranthene	mg/kg	0.10	<0.1	0.5	<0.1	<0.1	1.8	<0.1
Benzo(k)fluoranthene	mg/kg	0.10	<0.1	0.3	<0.1	<0.1	0.8	<0.1
Benzo(b&j&k)fluoranthene	mg/kg	0.20	<0.2	0.7	<0.2	<0.2	2.6	<0.2
Benzo(a)pyrene	mg/kg	0.10	<0.1	0.4	<0.1	<0.1	1.6	<0.1
Indeno(1,2,3-cd)pyrene	mg/kg	0.10	<0.1	0.4	<0.1	<0.1	1.3	<0.1
Dibenzo(a&h)anthracene	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	0.2	<0.1
Benzo(ghi)perylene	mg/kg	0.10	<0.1	0.4	<0.1	<0.1	1.2	<0.1
Carcinogenic PAHs (as BaP TEQ)	TEQ (mg/kg)	0.20	<0.2	0.6	<0.2	<0.2	2.3	<0.2
Carcinogenic PAHs (as BaP TEQ)	TEQ (mg/kg)	0.30	<0.3	0.7	<0.3	<0.3	2.3	<0.3
Carcinogenic PAHs (as BaP TEQ)	TEQ (mg/kg)	0.20	<0.2	0.6	<0.2	<0.2	2.3	<0.2
Total PAH	mg/kg	0.80	<0.8	3.7	<0.8	<0.8	16	<0.8

PARAMETER	UOM	LOR	BH3 0-0.1	BH3 1.5-1.8	BH4 0-0.15	BH5 0.1-0.4	BH5 0.6-0.7	BH6 0.6-0.7
			SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			12/8/2014 SE130614.007	12/8/2014 SE130614.008	12/8/2014 SE130614.009	13/8/2014 SE130614.010	13/8/2014 SE130614.011	13/8/2014 SE130614.012
Naphthalene	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
2-methylnaphthalene	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1-methylnaphthalene	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthylene	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthene	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fluorene	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Phenanthrene	mg/kg	0.10	<0.1	0.4	0.5	0.3	<0.1	<0.1
Anthracene	mg/kg	0.10	<0.1	0.1	0.1	<0.1	<0.1	<0.1
Fluoranthene	mg/kg	0.10	<0.1	1.0	1.0	0.5	0.2	<0.1
Pyrene	mg/kg	0.10	<0.1	1.2	1.2	0.4	0.2	<0.1
Benzo(a)anthracene	mg/kg	0.10	<0.1	0.6	0.5	0.2	<0.1	<0.1
Chrysene	mg/kg	0.10	<0.1	0.6	0.5	0.2	<0.1	<0.1
Benzo(b&j)fluoranthene	mg/kg	0.10	<0.1	0.7	0.6	0.2	<0.1	<0.1
Benzo(k)fluoranthene	mg/kg	0.10	<0.1	0.3	0.3	0.1	<0.1	<0.1
Benzo(b&j&k)fluoranthene	mg/kg	0.20	<0.2	1.0	0.9	0.3	<0.2	<0.2
Benzo(a)pyrene	mg/kg	0.10	<0.1	0.7	0.6	0.2	<0.1	<0.1
Indeno(1,2,3-cd)pyrene	mg/kg	0.10	<0.1	0.6	0.5	0.1	<0.1	<0.1
Dibenzo(a&h)anthracene	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(ghi)perylene	mg/kg	0.10	<0.1	0.5	0.4	0.1	<0.1	<0.1
Carcinogenic PAHs (as BaP TEQ)	TEQ (mg/kg)	0.20	<0.2	0.9	0.7	0.2	<0.2	<0.2
Carcinogenic PAHs (as BaP TEQ)	TEQ (mg/kg)	0.30	<0.3	1.0	0.8	0.3	<0.3	<0.3
Carcinogenic PAHs (as BaP TEQ)	TEQ (mg/kg)	0.20	<0.2	1.0	0.8	0.3	<0.2	<0.2
Total PAH	mg/kg	0.80	<0.8	6.8	6.1	2.4	<0.8	<0.8

PAH (Polynuclear Aromatic Hydrocarbons) in Soil [AN420] (continued)

PARAMETER	UOM	LOR	BH7 0.15-0.45	BH7 1.4-1.7	BH8 0.2-0.4	BH9 0.2-0.5	BH9 2.0-2.3	BH9 2.55-2.65
			SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			11/8/2014 SE130614.013	11/8/2014 SE130614.014	14/8/2014 SE130614.015	14/8/2014 SE130614.016	14/8/2014 SE130614.017	14/8/2014 SE130614.018
Naphthalene	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
2-methylnaphthalene	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1-methylnaphthalene	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthylene	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthene	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fluorene	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Phenanthrene	mg/kg	0.10	0.1	<0.1	0.1	<0.1	0.2	<0.1
Anthracene	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fluoranthene	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	0.7	<0.1
Pyrene	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	0.8	<0.1
Benzo(a)anthracene	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	0.4	<0.1
Chrysene	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	0.4	<0.1
Benzo(b&j)fluoranthene	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	0.5	<0.1
Benzo(k)fluoranthene	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	0.3	<0.1
Benzo(b&j&k)fluoranthene	mg/kg	0.20	<0.2	<0.2	<0.2	<0.2	0.8	<0.2
Benzo(a)pyrene	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	0.5	<0.1
Indeno(1,2,3-cd)pyrene	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	0.4	<0.1
Dibenzo(a&h)anthracene	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(ghi)perylene	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	0.4	<0.1
Carcinogenic PAHs (as BaP TEQ)	TEQ (mg/kg)	0.20	<0.2	<0.2	<0.2	<0.2	0.7	<0.2
Carcinogenic PAHs (as BaP TEQ)	TEQ (mg/kg)	0.30	<0.3	<0.3	<0.3	<0.3	0.8	<0.3
Carcinogenic PAHs (as BaP TEQ)	TEQ (mg/kg)	0.20	<0.2	<0.2	<0.2	<0.2	0.7	<0.2
Total PAH	mg/kg	0.80	<0.8	<0.8	<0.8	<0.8	4.8	<0.8

PARAMETER	UOM	LOR	BH10 0.23-0.5	BH10 0.55-0.65	Duplicate D2
			SOIL	SOIL	SOIL
			12/8/2014 SE130614.019	12/8/2014 SE130614.020	13/8/2014 SE130614.021
Naphthalene	mg/kg	0.10	<0.1	<0.1	<0.1
2-methylnaphthalene	mg/kg	0.10	<0.1	<0.1	<0.1
1-methylnaphthalene	mg/kg	0.10	<0.1	<0.1	<0.1
Acenaphthylene	mg/kg	0.10	<0.1	<0.1	<0.1
Acenaphthene	mg/kg	0.10	<0.1	<0.1	<0.1
Fluorene	mg/kg	0.10	<0.1	<0.1	<0.1
Phenanthrene	mg/kg	0.10	<0.1	<0.1	0.2
Anthracene	mg/kg	0.10	<0.1	<0.1	<0.1
Fluoranthene	mg/kg	0.10	<0.1	<0.1	0.3
Pyrene	mg/kg	0.10	<0.1	<0.1	0.3
Benzo(a)anthracene	mg/kg	0.10	<0.1	<0.1	0.1
Chrysene	mg/kg	0.10	<0.1	<0.1	0.1
Benzo(b&j)fluoranthene	mg/kg	0.10	<0.1	<0.1	0.1
Benzo(k)fluoranthene	mg/kg	0.10	<0.1	<0.1	<0.1
Benzo(b&j&k)fluoranthene	mg/kg	0.20	<0.2	<0.2	<0.2
Benzo(a)pyrene	mg/kg	0.10	<0.1	<0.1	<0.1
Indeno(1,2,3-cd)pyrene	mg/kg	0.10	<0.1	<0.1	<0.1
Dibenzo(a&h)anthracene	mg/kg	0.10	<0.1	<0.1	<0.1
Benzo(ghi)perylene	mg/kg	0.10	<0.1	<0.1	<0.1
Carcinogenic PAHs (as BaP TEQ)	TEQ (mg/kg)	0.20	<0.2	<0.2	<0.2
Carcinogenic PAHs (as BaP TEQ)	TEQ (mg/kg)	0.30	<0.3	<0.3	<0.3
Carcinogenic PAHs (as BaP TEQ)	TEQ (mg/kg)	0.20	<0.2	<0.2	<0.2
Total PAH	mg/kg	0.80	<0.8	<0.8	1.5

OC Pesticides in Soil [AN400/AN420]

PARAMETER	UOM	LOR	BH1 1.5-1.8	BH1 3.15-3.25	BH2 0-0.15	BH2 0.5-0.8	BH2 4.5-4.8	BH2 5.1-5.25
			SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			7/8/2014 SE130614.001	7/8/2014 SE130614.002	11/8/2014 SE130614.003	11/8/2014 SE130614.004	11/8/2014 SE130614.005	11/8/2014 SE130614.006
Hexachlorobenzene (HCB)	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Alpha BHC	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Lindane	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Heptachlor	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Aldrin	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Beta BHC	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Delta BHC	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Heptachlor epoxide	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
o,p'-DDE	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Alpha Endosulfan	mg/kg	0.20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Gamma Chlordane	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Alpha Chlordane	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
trans-Nonachlor	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
p,p'-DDE	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Dieldrin	mg/kg	0.050	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Endrin	mg/kg	0.20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
o,p'-DDD	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
o,p'-DDT	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Beta Endosulfan	mg/kg	0.20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
p,p'-DDD	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
p,p'-DDT	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Endosulfan sulphate	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Endrin Aldehyde	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Methoxychlor	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Endrin Ketone	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Isodrin	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Mirex	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

OC Pesticides in Soil [AN400/AN420] (continued)

PARAMETER	UOM	LOR	BH3 0-0.1	BH3 1.5-1.8	BH4 0-0.15	BH5 0.1-0.4	BH5 0.6-0.7	BH6 0.6-0.7
			SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			12/8/2014 SE130614.007	12/8/2014 SE130614.008	12/8/2014 SE130614.009	13/8/2014 SE130614.010	13/8/2014 SE130614.011	13/8/2014 SE130614.012
Hexachlorobenzene (HCB)	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Alpha BHC	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Lindane	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Heptachlor	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Aldrin	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Beta BHC	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Delta BHC	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Heptachlor epoxide	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
o,p'-DDE	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Alpha Endosulfan	mg/kg	0.20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Gamma Chlordane	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Alpha Chlordane	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
trans-Nonachlor	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
p,p'-DDE	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Dieldrin	mg/kg	0.050	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Endrin	mg/kg	0.20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
o,p'-DDD	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
o,p'-DDT	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Beta Endosulfan	mg/kg	0.20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
p,p'-DDD	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
p,p'-DDT	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Endosulfan sulphate	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Endrin Aldehyde	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Methoxychlor	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Endrin Ketone	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Isodrin	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Mirex	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

OC Pesticides in Soil [AN400/AN420] (continued)

PARAMETER	UOM	LOR	BH7 0.15-0.45	BH7 1.4-1.7	BH8 0.2-0.4	BH9 0.2-0.5	BH9 2.0-2.3	BH9 2.55-2.65
			SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			11/8/2014 SE130614.013	11/8/2014 SE130614.014	14/8/2014 SE130614.015	14/8/2014 SE130614.016	14/8/2014 SE130614.017	14/8/2014 SE130614.018
Hexachlorobenzene (HCB)	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Alpha BHC	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Lindane	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Heptachlor	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Aldrin	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Beta BHC	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Delta BHC	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Heptachlor epoxide	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
o,p'-DDE	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Alpha Endosulfan	mg/kg	0.20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Gamma Chlordane	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Alpha Chlordane	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
trans-Nonachlor	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
p,p'-DDE	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Dieldrin	mg/kg	0.050	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Endrin	mg/kg	0.20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
o,p'-DDD	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
o,p'-DDT	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Beta Endosulfan	mg/kg	0.20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
p,p'-DDD	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
p,p'-DDT	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Endosulfan sulphate	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Endrin Aldehyde	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Methoxychlor	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Endrin Ketone	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Isodrin	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Mirex	mg/kg	0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

OC Pesticides in Soil [AN400/AN420] (continued)

PARAMETER	UOM	LOR	BH10 0.23-0.5	BH10 0.55-0.65	Duplicate D2
			SOIL - 12/8/2014 SE130614.019	SOIL - 12/8/2014 SE130614.020	SOIL - 13/8/2014 SE130614.021
Hexachlorobenzene (HCB)	mg/kg	0.10	<0.1	<0.1	<0.1
Alpha BHC	mg/kg	0.10	<0.1	<0.1	<0.1
Lindane	mg/kg	0.10	<0.1	<0.1	<0.1
Heptachlor	mg/kg	0.10	<0.1	<0.1	<0.1
Aldrin	mg/kg	0.10	<0.1	<0.1	<0.1
Beta BHC	mg/kg	0.10	<0.1	<0.1	<0.1
Delta BHC	mg/kg	0.10	<0.1	<0.1	<0.1
Heptachlor epoxide	mg/kg	0.10	<0.1	<0.1	<0.1
o,p'-DDE	mg/kg	0.10	<0.1	<0.1	<0.1
Alpha Endosulfan	mg/kg	0.20	<0.2	<0.2	<0.2
Gamma Chlordane	mg/kg	0.10	<0.1	<0.1	<0.1
Alpha Chlordane	mg/kg	0.10	<0.1	<0.1	<0.1
trans-Nonachlor	mg/kg	0.10	<0.1	<0.1	<0.1
p,p'-DDE	mg/kg	0.10	<0.1	<0.1	<0.1
Dieldrin	mg/kg	0.050	<0.05	<0.05	<0.05
Endrin	mg/kg	0.20	<0.2	<0.2	<0.2
o,p'-DDD	mg/kg	0.10	<0.1	<0.1	<0.1
o,p'-DDT	mg/kg	0.10	<0.1	<0.1	<0.1
Beta Endosulfan	mg/kg	0.20	<0.2	<0.2	<0.2
p,p'-DDD	mg/kg	0.10	<0.1	<0.1	<0.1
p,p'-DDT	mg/kg	0.10	<0.1	<0.1	<0.1
Endosulfan sulphate	mg/kg	0.10	<0.1	<0.1	<0.1
Endrin Aldehyde	mg/kg	0.10	<0.1	<0.1	<0.1
Methoxychlor	mg/kg	0.10	<0.1	<0.1	<0.1
Endrin Ketone	mg/kg	0.10	<0.1	<0.1	<0.1
Isodrin	mg/kg	0.10	<0.1	<0.1	<0.1
Mirex	mg/kg	0.10	<0.1	<0.1	<0.1

PCBs in Soil [AN400/AN420]

PARAMETER	UOM	LOR	BH2 0.5-0.8	BH2 4.5-4.8	BH2 5.1-5.25	BH3 1.5-1.8	BH5 0.1-0.4	BH5 0.6-0.7
			SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			11/8/2014 SE130614.004	11/8/2014 SE130614.005	11/8/2014 SE130614.006	12/8/2014 SE130614.008	13/8/2014 SE130614.010	13/8/2014 SE130614.011
Arochlor 1016	mg/kg	0.20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Arochlor 1221	mg/kg	0.20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Arochlor 1232	mg/kg	0.20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Arochlor 1242	mg/kg	0.20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Arochlor 1248	mg/kg	0.20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Arochlor 1254	mg/kg	0.20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Arochlor 1260	mg/kg	0.20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Arochlor 1262	mg/kg	0.20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Arochlor 1268	mg/kg	0.20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Total PCBs (Arochlors)	mg/kg	1.0	<1	<1	<1	<1	<1	<1

PARAMETER	UOM	LOR	BH9 0.2-0.5	BH9 2.0-2.3	BH9 2.55-2.65	BH10 0.23-0.5	BH10 0.55-0.65	Duplicate D2
			SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			14/8/2014 SE130614.016	14/8/2014 SE130614.017	14/8/2014 SE130614.018	12/8/2014 SE130614.019	12/8/2014 SE130614.020	13/8/2014 SE130614.021
Arochlor 1016	mg/kg	0.20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Arochlor 1221	mg/kg	0.20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Arochlor 1232	mg/kg	0.20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Arochlor 1242	mg/kg	0.20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Arochlor 1248	mg/kg	0.20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Arochlor 1254	mg/kg	0.20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Arochlor 1260	mg/kg	0.20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Arochlor 1262	mg/kg	0.20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Arochlor 1268	mg/kg	0.20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Total PCBs (Arochlors)	mg/kg	1.0	<1	<1	<1	<1	<1	<1

Total Phenolics in Soil [AN289]

PARAMETER	UOM	LOR	BH2 0.5-0.8	BH2 4.5-4.8	BH2 5.1-5.25	BH3 1.5-1.8	BH5 0.1-0.4	BH5 0.6-0.7
			SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			-	-	-	-	-	-
			11/8/2014	11/8/2014	11/8/2014	12/8/2014	13/8/2014	13/8/2014
			SE130614.004	SE130614.005	SE130614.006	SE130614.008	SE130614.010	SE130614.011
Total Phenols	mg/kg	0.10	0.6	0.4	<0.1	0.4	0.3	0.2

PARAMETER	UOM	LOR	BH9 0.2-0.5	BH9 2.0-2.3	BH9 2.55-2.65	BH10 0.23-0.5	BH10 0.55-0.65	Duplicate D2
			SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			-	-	-	-	-	-
			14/8/2014	14/8/2014	14/8/2014	12/8/2014	12/8/2014	13/8/2014
			SE130614.016	SE130614.017	SE130614.018	SE130614.019	SE130614.020	SE130614.021
Total Phenols	mg/kg	0.10	0.2	0.4	0.1	<0.1	<0.1	0.1

Total Cyanide in soil by Discrete Analyser (Aquakem) [AN077/AN287]

			BH2 0.5-0.8	BH2 4.5-4.8	BH2 5.1-5.25	BH3 1.5-1.8	BH5 0.1-0.4	BH5 0.6-0.7
			SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			-	-	-	-	-	-
			11/8/2014	11/8/2014	11/8/2014	12/8/2014	13/8/2014	13/8/2014
PARAMETER	UOM	LOR	SE130614.004	SE130614.005	SE130614.006	SE130614.008	SE130614.010	SE130614.011
Total Cyanide	mg/kg	0.10	0.2	<0.1	<0.1	0.1	0.2	0.1

			BH9 0.2-0.5	BH9 2.0-2.3	BH9 2.55-2.65	BH10 0.23-0.5	BH10 0.55-0.65	Duplicate D2
			SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			-	-	-	-	-	-
			14/8/2014	14/8/2014	14/8/2014	12/8/2014	12/8/2014	13/8/2014
PARAMETER	UOM	LOR	SE130614.016	SE130614.017	SE130614.018	SE130614.019	SE130614.020	SE130614.021
Total Cyanide	mg/kg	0.10	<0.1	0.1	<0.1	<0.1	<0.1	0.2

pH in soil (1:5) [AN101]

			BH1 1.5-1.8	BH1 3.15-3.25	BH2 0-0.15	BH2 0.5-0.8	BH2 4.5-4.8	BH2 5.1-5.25
			SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			-	-	-	-	-	-
			7/8/2014	7/8/2014	11/8/2014	11/8/2014	11/8/2014	11/8/2014
PARAMETER	UOM	LOR	SE130614.001	SE130614.002	SE130614.003	SE130614.004	SE130614.005	SE130614.006
pH	pH Units	-	4.3	5.9	5.3	5.8	8.0	7.6

			BH3 0-0.1	BH3 1.5-1.8	BH4 0-0.15	BH5 0.1-0.4	BH5 0.6-0.7	BH6 0.6-0.7
			SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			-	-	-	-	-	-
			12/8/2014	12/8/2014	12/8/2014	13/8/2014	13/8/2014	13/8/2014
PARAMETER	UOM	LOR	SE130614.007	SE130614.008	SE130614.009	SE130614.010	SE130614.011	SE130614.012
pH	pH Units	-	6.1	7.0	7.5	6.0	5.9	4.8

			BH7 0.15-0.45	BH7 1.4-1.7	BH8 0.2-0.4	BH9 0.2-0.5	BH9 2.0-2.3	BH9 2.55-2.65
			SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			-	-	-	-	-	-
			11/8/2014	11/8/2014	14/8/2014	14/8/2014	14/8/2014	14/8/2014
PARAMETER	UOM	LOR	SE130614.013	SE130614.014	SE130614.015	SE130614.016	SE130614.017	SE130614.018
pH	pH Units	-	9.1	6.2	7.8	8.4	6.5	5.2

			BH10 0.23-0.5	BH10 0.55-0.65	Duplicate D2
			SOIL	SOIL	SOIL
			-	-	-
			12/8/2014	12/8/2014	13/8/2014
PARAMETER	UOM	LOR	SE130614.019	SE130614.020	SE130614.021
pH	pH Units	-	6.5	4.7	5.7

Exchangeable Cations and Cation Exchange Capacity (CEC/ESP/SAR) [AN122]

PARAMETER	UOM	LOR	BH1 1.5-1.8	BH1 3.15-3.25	BH2 0-0.15	BH2 0.5-0.8	BH2 4.5-4.8	BH2 5.1-5.25
			SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			7/8/2014 SE130614.001	7/8/2014 SE130614.002	11/8/2014 SE130614.003	11/8/2014 SE130614.004	11/8/2014 SE130614.005	11/8/2014 SE130614.006
Exchangeable Sodium, Na	mg/kg	2.0	200	110	24	36	400	700
Exchangeable Sodium, Na	meq/100g	0.010	0.89	0.49	0.10	0.16	1.7	3.1
Exchangeable Sodium Percentage*	%	0.10	13.3	6.5	1.1	1.6	6.9	22.7
Exchangeable Potassium, K	mg/kg	2.0	93	100	220	120	110	280
Exchangeable Potassium, K	meq/100g	0.010	0.24	0.26	0.56	0.30	0.29	0.70
Exchangeable Potassium	%	0.10	3.6	3.4	5.9	3.0	1.1	5.2
Exchangeable Calcium, Ca	mg/kg	2.0	570	1000	1200	1400	3800	1000
Exchangeable Calcium, Ca	meq/100g	0.010	2.8	5.2	6.2	7.1	19	5.0
Exchangeable Calcium Percentage*	%	0.10	42.7	69.6	65.1	72.4	74.2	37.3
Exchangeable Magnesium, Mg	mg/kg	2.0	330	190	320	280	550	570
Exchangeable Magnesium, Mg	meq/100g	0.020	2.7	1.5	2.7	2.3	4.5	4.7
Exchangeable Magnesium	%	0.10	40.5	20.5	27.9	23.0	17.8	34.8
Cation Exchange Capacity	meq/100g	0.020	6.7	7.5	9.5	9.8	25	13

PARAMETER	UOM	LOR	BH3 0-0.1	BH3 1.5-1.8	BH4 0-0.15	BH5 0.1-0.4	BH5 0.6-0.7	BH6 0.6-0.7
			SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			12/8/2014 SE130614.007	12/8/2014 SE130614.008	12/8/2014 SE130614.009	13/8/2014 SE130614.010	13/8/2014 SE130614.011	13/8/2014 SE130614.012
Exchangeable Sodium, Na	mg/kg	2.0	33	26	31	48	22	63
Exchangeable Sodium, Na	meq/100g	0.010	0.14	0.11	0.14	0.21	0.10	0.27
Exchangeable Sodium Percentage*	%	0.10	2.0	1.0	0.8	1.9	1.4	4.7
Exchangeable Potassium, K	mg/kg	2.0	120	74	92	130	70	45
Exchangeable Potassium, K	meq/100g	0.010	0.31	0.19	0.24	0.34	0.18	0.12
Exchangeable Potassium	%	0.10	4.2	1.6	1.3	3.2	2.6	2.0
Exchangeable Calcium, Ca	mg/kg	2.0	1100	2000	3300	1700	1200	530
Exchangeable Calcium, Ca	meq/100g	0.010	5.5	10	16	8.6	5.9	2.7
Exchangeable Calcium Percentage*	%	0.10	75.6	86.5	90.4	79.1	85.1	45.2
Exchangeable Magnesium, Mg	mg/kg	2.0	160	160	170	210	91	350
Exchangeable Magnesium, Mg	meq/100g	0.020	1.3	1.3	1.4	1.7	0.75	2.8
Exchangeable Magnesium	%	0.10	18.2	10.9	7.6	15.8	10.9	48.1
Cation Exchange Capacity	meq/100g	0.020	7.3	12	18	11	6.9	5.9

PARAMETER	UOM	LOR	BH7 0.15-0.45	BH7 1.4-1.7	BH9 0.2-0.5	BH9 2.0-2.3	BH9 2.55-2.65	BH10 0.23-0.5
			SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			11/8/2014 SE130614.013	11/8/2014 SE130614.014	14/8/2014 SE130614.016	14/8/2014 SE130614.017	14/8/2014 SE130614.018	12/8/2014 SE130614.019
Exchangeable Sodium, Na	mg/kg	2.0	170	180	300	170	180	140
Exchangeable Sodium, Na	meq/100g	0.010	0.73	0.80	1.3	0.74	0.79	0.59
Exchangeable Sodium Percentage*	%	0.10	8.3	10.2	3.8	4.9	14.2	3.9
Exchangeable Potassium, K	mg/kg	2.0	56	88	97	160	99	85
Exchangeable Potassium, K	meq/100g	0.010	0.14	0.23	0.25	0.41	0.25	0.22
Exchangeable Potassium	%	0.10	1.6	2.9	0.7	2.7	4.6	1.4
Exchangeable Calcium, Ca	mg/kg	2.0	1100	820	5600	2400	320	1700
Exchangeable Calcium, Ca	meq/100g	0.010	5.6	4.1	28	12	1.6	8.4
Exchangeable Calcium Percentage*	%	0.10	64.0	52.8	83.0	79.1	29.2	56.2
Exchangeable Magnesium, Mg	mg/kg	2.0	280	330	510	250	350	700
Exchangeable Magnesium, Mg	meq/100g	0.020	2.3	2.7	4.2	2.0	2.9	5.8
Exchangeable Magnesium	%	0.10	26.1	34.1	12.5	13.3	51.9	38.4
Cation Exchange Capacity	meq/100g	0.020	8.8	7.8	34	15	5.5	15

Exchangeable Cations and Cation Exchange Capacity (CEC/ESP/SAR) [AN122] (continued)

			BH10 0.55-0.65
			SOIL
			-
			12/8/2014
			SE130614.020
PARAMETER	UOM	LOR	
Exchangeable Sodium, Na	mg/kg	2.0	96
Exchangeable Sodium, Na	meq/100g	0.010	0.42
Exchangeable Sodium Percentage*	%	0.10	6.9
Exchangeable Potassium, K	mg/kg	2.0	74
Exchangeable Potassium, K	meq/100g	0.010	0.19
Exchangeable Potassium	%	0.10	3.1
Exchangeable Calcium, Ca	mg/kg	2.0	540
Exchangeable Calcium, Ca	meq/100g	0.010	2.7
Exchangeable Calcium Percentage*	%	0.10	44.7
Exchangeable Magnesium, Mg	mg/kg	2.0	340
Exchangeable Magnesium, Mg	meq/100g	0.020	2.7
Exchangeable Magnesium	%	0.10	45.3
Cation Exchange Capacity	meq/100g	0.020	6.1

TOC in Soil [AN188]

PARAMETER	UOM	LOR	BH1 1.5-1.8	BH1 3.15-3.25	BH2 0-0.15	BH2 0.5-0.8	BH2 4.5-4.8	BH2 5.1-5.25
			SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			-	-	-	-	-	-
			7/8/2014	7/8/2014	11/8/2014	11/8/2014	11/8/2014	11/8/2014
			SE130614.001	SE130614.002	SE130614.003	SE130614.004	SE130614.005	SE130614.006
Total Organic Carbon	%w/w	0.050	0.10	1.6	4.3	1.9	3.3	0.19

PARAMETER	UOM	LOR	BH3 0-0.1	BH3 1.5-1.8	BH4 0-0.15	BH5 0.1-0.4	BH5 0.6-0.7	BH6 0.6-0.7
			SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			-	-	-	-	-	-
			12/8/2014	12/8/2014	12/8/2014	13/8/2014	13/8/2014	13/8/2014
			SE130614.007	SE130614.008	SE130614.009	SE130614.010	SE130614.011	SE130614.012
Total Organic Carbon	%w/w	0.050	1.6	1.5	1.5	1.2	0.62	0.14

PARAMETER	UOM	LOR	BH7 0.15-0.45	BH7 1.4-1.7	BH9 0.2-0.5	BH9 2.0-2.3	BH9 2.55-2.65	BH10 0.23-0.5
			SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			-	-	-	-	-	-
			11/8/2014	11/8/2014	14/8/2014	14/8/2014	14/8/2014	12/8/2014
			SE130614.013	SE130614.014	SE130614.016	SE130614.017	SE130614.018	SE130614.019
Total Organic Carbon	%w/w	0.050	0.46	0.23	0.38	1.3	0.31	0.19

PARAMETER	UOM	LOR	BH10 0.55-0.65
			SOIL
			-
			12/8/2014
			SE130614.020
Total Organic Carbon	%w/w	0.050	0.16

Total Recoverable Metals in Soil by ICPOES from EPA 200.8 Digest [AN040/AN320]

PARAMETER	UOM	LOR	BH1 1.5-1.8	BH1 3.15-3.25	BH2 0-0.15	BH2 0.5-0.8	BH2 4.5-4.8	BH2 5.1-5.25
			SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			-	-	-	-	-	-
			7/8/2014 SE130614.001	7/8/2014 SE130614.002	11/8/2014 SE130614.003	11/8/2014 SE130614.004	11/8/2014 SE130614.005	11/8/2014 SE130614.006
Arsenic, As	mg/kg	3.0	7	9	<3	4	30	10
Cadmium, Cd	mg/kg	0.30	0.4	<0.3	<0.3	0.3	0.8	0.3
Chromium, Cr	mg/kg	0.30	16	14	9.1	12	52	18
Copper, Cu	mg/kg	0.50	6.7	4.1	17	15	130	8.5
Lead, Pb	mg/kg	1.0	18	18	28	20	120	22
Nickel, Ni	mg/kg	0.50	1.5	3.1	5.3	4.5	8.3	1.9
Zinc, Zn	mg/kg	0.50	7.7	11	54	38	260	19

PARAMETER	UOM	LOR	BH3 0-0.1	BH3 1.5-1.8	BH4 0-0.15	BH5 0.1-0.4	BH5 0.6-0.7	BH6 0.6-0.7
			SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			-	-	-	-	-	-
			12/8/2014 SE130614.007	12/8/2014 SE130614.008	12/8/2014 SE130614.009	13/8/2014 SE130614.010	13/8/2014 SE130614.011	13/8/2014 SE130614.012
Arsenic, As	mg/kg	3.0	<3	7	12	520	62	7
Cadmium, Cd	mg/kg	0.30	<0.3	<0.3	0.4	0.6	0.4	0.6
Chromium, Cr	mg/kg	0.30	8.4	12	18	37	28	27
Copper, Cu	mg/kg	0.50	8.0	9.0	16	41	12	14
Lead, Pb	mg/kg	1.0	13	35	38	120	43	14
Nickel, Ni	mg/kg	0.50	5.5	2.6	4.9	10	2.1	15
Zinc, Zn	mg/kg	0.50	26	54	62	150	31	17

PARAMETER	UOM	LOR	BH7 0.15-0.45	BH7 1.4-1.7	BH8 0.2-0.4	BH9 0.2-0.5	BH9 2.0-2.3	BH9 2.55-2.65
			SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			-	-	-	-	-	-
			11/8/2014 SE130614.013	11/8/2014 SE130614.014	14/8/2014 SE130614.015	14/8/2014 SE130614.016	14/8/2014 SE130614.017	14/8/2014 SE130614.018
Arsenic, As	mg/kg	3.0	<3	4	4	6	12	5
Cadmium, Cd	mg/kg	0.30	<0.3	<0.3	0.5	0.4	0.4	0.3
Chromium, Cr	mg/kg	0.30	11	11	97	23	20	9.3
Copper, Cu	mg/kg	0.50	8.6	9.3	15	18	20	12
Lead, Pb	mg/kg	1.0	9	13	10	23	42	24
Nickel, Ni	mg/kg	0.50	8.6	5.9	50	15	2.3	0.7
Zinc, Zn	mg/kg	0.50	20	17	35	43	67	13

PARAMETER	UOM	LOR	BH10 0.23-0.5	BH10 0.55-0.65	Duplicate D2
			SOIL	SOIL	SOIL
			-	-	-
			12/8/2014 SE130614.019	12/8/2014 SE130614.020	13/8/2014 SE130614.021
Arsenic, As	mg/kg	3.0	6	4	260
Cadmium, Cd	mg/kg	0.30	0.4	<0.3	0.7
Chromium, Cr	mg/kg	0.30	16	7.2	36
Copper, Cu	mg/kg	0.50	22	23	43
Lead, Pb	mg/kg	1.0	15	13	110
Nickel, Ni	mg/kg	0.50	19	19	9.5
Zinc, Zn	mg/kg	0.50	16	15	150

Mercury in Soil [AN312]

			BH1 1.5-1.8	BH1 3.15-3.25	BH2 0-0.15	BH2 0.5-0.8	BH2 4.5-4.8	BH2 5.1-5.25
			SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			-	-	-	-	-	-
			7/8/2014	7/8/2014	11/8/2014	11/8/2014	11/8/2014	11/8/2014
PARAMETER	UOM	LOR	SE130614.001	SE130614.002	SE130614.003	SE130614.004	SE130614.005	SE130614.006
Mercury	mg/kg	0.010	0.02	0.02	0.02	0.01	0.40	0.02

			BH3 0-0.1	BH3 1.5-1.8	BH4 0-0.15	BH5 0.1-0.4	BH5 0.6-0.7	BH6 0.6-0.7
			SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			-	-	-	-	-	-
			12/8/2014	12/8/2014	12/8/2014	13/8/2014	13/8/2014	13/8/2014
PARAMETER	UOM	LOR	SE130614.007	SE130614.008	SE130614.009	SE130614.010	SE130614.011	SE130614.012
Mercury	mg/kg	0.010	0.01	0.04	0.04	0.06	0.06	0.01

			BH7 0.15-0.45	BH7 1.4-1.7	BH8 0.2-0.4	BH9 0.2-0.5	BH9 2.0-2.3	BH9 2.55-2.65
			SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			-	-	-	-	-	-
			11/8/2014	11/8/2014	14/8/2014	14/8/2014	14/8/2014	14/8/2014
PARAMETER	UOM	LOR	SE130614.013	SE130614.014	SE130614.015	SE130614.016	SE130614.017	SE130614.018
Mercury	mg/kg	0.010	0.01	0.01	0.02	0.02	0.16	0.05

			BH10 0.23-0.5	BH10 0.55-0.65	Duplicate D2
			SOIL	SOIL	SOIL
			-	-	-
			12/8/2014	12/8/2014	13/8/2014
PARAMETER	UOM	LOR	SE130614.019	SE130614.020	SE130614.021
Mercury	mg/kg	0.010	0.01	<0.01	0.08

Fibre Identification in soil [AN602]

			BH1 1.5-1.8	BH2 0-0.15	BH2 0.5-0.8	BH2 4.5-4.8	BH3 0-0.1	BH3 1.5-1.8
			SOIL - 7/8/2014 SE130614.001	SOIL - 11/8/2014 SE130614.003	SOIL - 11/8/2014 SE130614.004	SOIL - 11/8/2014 SE130614.005	SOIL - 12/8/2014 SE130614.007	SOIL - 12/8/2014 SE130614.008
PARAMETER	UOM	LOR						
Asbestos Detected	No unit	-	No	No	No	No	No	No
Estimated Fibres	%w/w	0.010	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

			BH4 0-0.15	BH5 0.1-0.4	BH5 0.6-0.7	BH7 0.15-0.45	BH7 1.4-1.7	BH9 0.2-0.5
			SOIL - 12/8/2014 SE130614.009	SOIL - 13/8/2014 SE130614.010	SOIL - 13/8/2014 SE130614.011	SOIL - 11/8/2014 SE130614.013	SOIL - 11/8/2014 SE130614.014	SOIL - 14/8/2014 SE130614.016
PARAMETER	UOM	LOR						
Asbestos Detected	No unit	-	No	No	No	No	No	No
Estimated Fibres	%w/w	0.010	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

			BH9 2.0-2.3	BH10 0.23-0.5
			SOIL - 14/8/2014 SE130614.017	SOIL - 12/8/2014 SE130614.019
PARAMETER	UOM	LOR		
Asbestos Detected	No unit	-	No	No
Estimated Fibres	%w/w	0.010	<0.01	<0.01

Moisture Content [AN002]

			BH1 1.5-1.8	BH1 3.15-3.25	BH2 0-0.15	BH2 0.5-0.8	BH2 4.5-4.8	BH2 5.1-5.25
			SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			-	-	-	-	-	-
			7/8/2014	7/8/2014	11/8/2014	11/8/2014	11/8/2014	11/8/2014
PARAMETER	UOM	LOR	SE130614.001	SE130614.002	SE130614.003	SE130614.004	SE130614.005	SE130614.006
% Moisture	%	0.50	13	20	16	13	27	21

			BH3 0-0.1	BH3 1.5-1.8	BH4 0-0.15	BH5 0.1-0.4	BH5 0.6-0.7	BH6 0.6-0.7
			SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			-	-	-	-	-	-
			12/8/2014	12/8/2014	12/8/2014	13/8/2014	13/8/2014	13/8/2014
PARAMETER	UOM	LOR	SE130614.007	SE130614.008	SE130614.009	SE130614.010	SE130614.011	SE130614.012
% Moisture	%	0.50	13	17	17	23	19	10

			BH7 0.15-0.45	BH7 1.4-1.7	BH8 0.2-0.4	BH9 0.2-0.5	BH9 2.0-2.3	BH9 2.55-2.65
			SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			-	-	-	-	-	-
			11/8/2014	11/8/2014	14/8/2014	14/8/2014	14/8/2014	14/8/2014
PARAMETER	UOM	LOR	SE130614.013	SE130614.014	SE130614.015	SE130614.016	SE130614.017	SE130614.018
% Moisture	%	0.50	9.9	13	19	15	22	18

			BH10 0.23-0.5	BH10 0.55-0.65	Duplicate D2
			SOIL	SOIL	SOIL
			-	-	-
			12/8/2014	12/8/2014	13/8/2014
PARAMETER	UOM	LOR	SE130614.019	SE130614.020	SE130614.021
% Moisture	%	0.50	17	16	21

Metals in Water (Dissolved) by ICPOES [AN320/AN321]

PARAMETER	UOM	LOR	Rinsate R1	Rinsate R2	Rinsate R3	Rinsate R4	Rinsate R5
			WATER	WATER	WATER	WATER	WATER
			7/8/2014 SE130614.024	11/8/2014 SE130614.025	12/8/2014 SE130614.026	13/8/2014 SE130614.027	14/8/2014 SE130614.028
Arsenic, As	mg/L	0.020	<0.02	<0.02	<0.02	<0.02	<0.02
Cadmium, Cd	mg/L	0.0010	<0.001	<0.001	<0.001	<0.001	<0.001
Chromium, Cr	mg/L	0.0050	<0.005	<0.005	<0.005	<0.005	<0.005
Copper, Cu	mg/L	0.0050	<0.005	<0.005	<0.005	<0.005	<0.005
Lead, Pb	mg/L	0.020	<0.02	<0.02	<0.02	<0.02	<0.02
Nickel, Ni	mg/L	0.0050	<0.005	<0.005	<0.005	<0.005	<0.005
Zinc, Zn	mg/L	0.010	<0.01	<0.01	<0.01	<0.01	<0.01

Mercury (dissolved) in Water [AN311/AN312]

			Rinsate R1	Rinsate R2	Rinsate R3	Rinsate R4	Rinsate R5
			WATER	WATER	WATER	WATER	WATER
			-	-	-	-	-
			7/8/2014	11/8/2014	12/8/2014	13/8/2014	14/8/2014
PARAMETER	UOM	LOR	SE130614.024	SE130614.025	SE130614.026	SE130614.027	SE130614.028
Mercury	mg/L	0.00010	0.0002	<0.0001	<0.0001	<0.0001	<0.0001

METHOD

METHODOLOGY SUMMARY

AN002	The test is carried out by drying (at either 40°C or 105°C) a known mass of sample in a weighed evaporating basin. After fully dry the sample is re-weighed. Samples such as sludge and sediment having high percentages of moisture will take some time in a drying oven for complete removal of water.
AN020	Unpreserved water sample is filtered through a 0.45µm membrane filter and acidified with nitric acid similar to APHA3030B.
AN040	A portion of sample is digested with Nitric acid to decompose organic matter and Hydrochloric acid to complete the digestion of metals and then filtered for analysis by ASS or ICP as per USEPA Method 200.8.
AN040/AN320	A portion of sample is digested with nitric acid to decompose organic matter and hydrochloric acid to complete the digestion of metals. The digest is then analysed by ICP OES with metals results reported on the dried sample basis. Based on USEPA method 200.8 and 6010C.
AN077	Hydrogen cyanide is liberated from an acidified alkali soil extract by distillation and purging with air. The hydrogen cyanide gas is then collected by passing it through a sodium hydroxide scrubbing solution. The scrubbing solution will then be analysed for cyanide by the appropriate method.
AN088	Orbital rolling for Organic pollutants are extracted from soil/sediment by transferring an appropriate mass of sample to a clear soil jar and extracting with 1:1 Dichloromethane/Acetone. Orbital Rolling method is intended for the extraction of semi-volatile organic compounds from soil/sediment samples, and is based somewhat on USEPA method 3570 (Micro Organic extraction and sample preparation). Method 3700.
AN101	pH in Soil Sludge Sediment and Water: pH is measured electrometrically using a combination electrode (glass plus reference electrode) and is calibrated against 3 buffers purchased commercially. For soils, an extract with water (or 0.01M CaCl ₂) is made at a ratio of 1:5 and the pH determined and reported on the extract. Reference APHA 4500-H+.
AN122	Exchangeable Cations, CEC and ESP: Soil sample is extracted in 1M Ammonium Acetate at pH=7 (or 1M Ammonium Chloride at pH=7) with cations (Na, K, Ca & Mg) then determined by ICP OES/ICP MS and reported as Exchangeable Cations. For saline soils, these results can be corrected for water soluble cations and reported as Exchangeable cations in meq/100g or soil can be pretreated (aqueous ethanol/aqueous glycerol) prior to extraction. Cation Exchange Capacity (CEC) is the sum of the exchangeable cations in meq/100g.
AN188	The organic material in the soil sample is oxidised with chromic acid in the presence of excess sulphuric acid, without external heat being applied. The excess dichromate ion is determined by titration with standard ammonium iron (II) sulphate solution and the amount of oxidised material is calculated from the quantity of dichromate reduced. Referenced to NEPM 105 and AS1289.1.1.1.
AN287	A buffered distillate or water sample is treated with chloramine/barbituric acid reagents and the intensity of the colour developed is proportional to the cyanide concentration by Aquakem DA.
AN289	Analysis of Total Phenols in Soil Sediment and Water: Steam distillable phenols react with 4-aminoantipyrine at pH 7.9±0.1 in the presence of potassium ferricyanide to form a coloured antipyrine dye analysed by Discrete Analyser. Reference APHA 5530 B/D.
AN311/AN312	Mercury by Cold Vapour AAS in Waters: Mercury ions are reduced by stannous chloride reagent in acidic solution to elemental mercury. This mercury vapour is purged by nitrogen into a cold cell in an atomic absorption spectrometer or mercury analyser. Quantification is made by comparing absorbances to those of the calibration standards. Reference APHA 3112/3500.
AN312	Mercury by Cold Vapour AAS in Soils: After digestion with nitric acid, hydrogen peroxide and hydrochloric acid, mercury ions are reduced by stannous chloride reagent in acidic solution to elemental mercury. This mercury vapour is purged by nitrogen into a cold cell in an atomic absorption spectrometer or mercury analyser. Quantification is made by comparing absorbances to those of the calibration standards. Reference APHA 3112/3500
AN320/AN321	Metals by ICP-OES: Samples are preserved with 10% nitric acid for a wide range of metals and some non-metals. This solution is measured by Inductively Coupled Plasma. Solutions are aspirated into an argon plasma at 8000-10000K and emit characteristic energy or light as a result of electron transitions through unique energy levels. The emitted light is focused onto a diffraction grating where it is separated into components.
AN400	OC and OP Pesticides by GC-ECD: The determination of organochlorine (OC) and organophosphorus (OP) pesticides and polychlorinated biphenyls (PCBs) in soils, sludges and groundwater. (Based on USEPA methods 3510, 3550, 8140 and 8080.)
AN403	Total Recoverable Hydrocarbons: Determination of Hydrocarbons by gas chromatography after a solvent extraction. Detection is by flame ionisation detector (FID) that produces an electronic signal in proportion to the combustible matter passing through it. Total Recoverable Hydrocarbons (TRH) are routinely reported as four alkane groupings based on the carbon chain length of the compounds: C6-C9, C10-C14, C15-C28 and C29-C36 and in recognition of the NEPM 1999 (2013), >C10-C16 (F2), >C16-C34 (F3) and >C34-C40 (F4). F2 is reported directly and also corrected by subtracting Naphthalene (from VOC method AN433) where available.
AN420	(SVOCs) including OC, OP, PCB, Herbicides, PAH, Phthalates and Speciated Phenols (etc) in soils, sediments and waters are determined by GCMS/ECD technique following appropriate solvent extraction process (Based on USEPA 3500C and 8270D).

AN433/AN434

VOCs and C6-C9 Hydrocarbons by GC-MS P&T: VOC's are volatile organic compounds. The sample is presented to a gas chromatograph via a purge and trap (P&T) concentrator and autosampler and is detected with a Mass Spectrometer (MSD). Solid samples are initially extracted with methanol whilst liquid samples are processed directly. References: USEPA 5030B, 8020A, 8260.

AN433/AN434/AN410

VOCs and C6-C9/C6-C10 Hydrocarbons by GC-MS P&T: VOC's are volatile organic compounds. The sample is presented to a gas chromatograph via a purge and trap (P&T) concentrator and autosampler and is detected with a Mass Spectrometer (MSD). Solid samples are initially extracted with methanol whilst liquid samples are processed directly. References: USEPA 5030B, 8020A, 8260.

AN602

Qualitative identification of chrysotile, amosite and crocidolite in bulk samples by polarised light microscopy (PLM) in conjunction with dispersion staining (DS). AS4964 provides the basis for this document. Unequivocal identification of the asbestos minerals present is made by obtaining sufficient diagnostic 'clues', which provide a reasonable degree of certainty, dispersion staining is a mandatory 'clue' for positive identification. If sufficient 'clues' are absent, then positive identification of asbestos is not possible. This procedure requires removal of suspect fibres/bundles from the sample which cannot be returned.

FOOTNOTES

*	Analysis not covered by the scope of accreditation.	-	Not analysed.	UOM	Unit of Measure.
**	Indicative data, theoretical holding time exceeded.	NVL	Not validated.	LOR	Limit of Reporting.
		IS	Insufficient sample for analysis.	↑↓	Raised/lowered Limit of Reporting.
^	Performed by outside laboratory.	LNR	Sample listed, but not received.		

Samples analysed as received.
Solid samples expressed on a dry weight basis.

Some totals may not appear to add up because the total is rounded after adding up the raw values.

The QC criteria are subject to internal review according to the SGS QAQC plan and may be provided on request or alternatively can be found here:
<http://www.sgs.com.au/~media/Local/Australia/Documents/Technical%20Documents/MP-AU-ENV-QU-022%20QA%20QC%20Plan.pdf>

This document is issued, on the Client's behalf, by the Company under its General Conditions of Service available on request and accessible at <http://www.sgs.com/en/Terms-and-Conditions/General-Conditions-of-Services-English.aspx>. The Client's attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

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STATEMENT OF QA/QC PERFORMANCE

SE130614 R0

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Order Number (Not specified)
Samples 28

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SGS Reference SE130614 R0
Report Number 0000090000
Date Reported 27 Aug 2014

COMMENTS

All the laboratory data for each environmental matrix was compared to SGS Environmental Services' stated Data Quality Objectives (DQO). Comments arising from the comparison were made and are reported below.

The data relating to sampling was taken from the Chain of Custody document and was supplied by the Client. This QA/QC Statement must be read in conjunction with the referenced Analytical Report. The Statement and the Analytical Report must not be reproduced except in full.

All Data Quality Objectives were met with the exception of the following:

Extraction Date	pH in soil (1:5)	8 items
Analysis Date	pH in soil (1:5)	21 items
Duplicate	Total Recoverable Metals in Soil by ICPOES from EPA 200.8 Digest	1 item

SAMPLE SUMMARY

Sample counts by matrix	21 Soils, 5 Waters	Type of documentation received	COC
Date documentation received	18/08/2014@02:31p	Samples received in good order	Yes
Samples received without headspace	Yes	Sample temperature upon receipt	4.5°C
Sample container provider	SGS	Turnaround time requested	Standard
Samples received in correct containers	Yes	Sufficient sample for analysis	Yes
Sample cooling method	Ice Bricks	Samples clearly labelled	Yes
Complete documentation received	Yes		

SGS holding time criteria are drawn from current regulations and are highly dependent on sample container preservation as specified in the SGS "Field Sampling Guide for Containers and Holding Time" (ref: GU-(AU)-ENV.001). Soil samples guidelines are derived from NEPM "Schedule B(3) Guideline on Laboratory Analysis of Potentially Contaminated Soils". Water sample guidelines are derived from "AS/NZS 5667.1 : 1998 Water Quality - sampling part 1" and APHA "Standard Methods for the Examination of Water and Wastewater" 21st edition 2005.

Extraction and analysis holding time due dates listed are calculated from the date sampled, although holding times may be extended after laboratory extraction for some analytes. The due dates are the suggested dates that samples may be held before extraction or analysis and still be considered valid.

Extraction and analysis dates are shown in **Green** when within suggested criteria or **Red** with an appended dagger symbol (†) when outside suggested criteria. If the sampled date is not supplied then compliance with criteria cannot be determined. If the received date is after one or both due dates then holding time will fail by default.

Exchangeable Cations and Cation Exchange Capacity (CEC/ESP/SAR)

Method: ME-(AU)-[ENV]AN122

Sample Name	Sample No.	QC Ref	Sampled	Received	Extraction Due	Extracted	Analysis Due	Analysed
BH1 1.5-1.8	SE130614.001	LB062800	07 Aug 2014	18 Aug 2014	04 Sep 2014	22 Aug 2014	04 Sep 2014	25 Aug 2014
BH1 3.15-3.25	SE130614.002	LB062800	07 Aug 2014	18 Aug 2014	04 Sep 2014	22 Aug 2014	04 Sep 2014	25 Aug 2014
BH2 0.0-0.15	SE130614.003	LB062800	11 Aug 2014	18 Aug 2014	08 Sep 2014	22 Aug 2014	08 Sep 2014	25 Aug 2014
BH2 0.5-0.8	SE130614.004	LB062800	11 Aug 2014	18 Aug 2014	08 Sep 2014	22 Aug 2014	08 Sep 2014	25 Aug 2014
BH2 4.5-4.8	SE130614.005	LB062800	11 Aug 2014	18 Aug 2014	08 Sep 2014	22 Aug 2014	08 Sep 2014	25 Aug 2014
BH2 5.1-5.25	SE130614.006	LB062800	11 Aug 2014	18 Aug 2014	08 Sep 2014	22 Aug 2014	08 Sep 2014	25 Aug 2014
BH3 0.0-1	SE130614.007	LB062800	12 Aug 2014	18 Aug 2014	09 Sep 2014	22 Aug 2014	09 Sep 2014	25 Aug 2014
BH3 1.5-1.8	SE130614.008	LB062800	12 Aug 2014	18 Aug 2014	09 Sep 2014	22 Aug 2014	09 Sep 2014	25 Aug 2014
BH4 0.0-0.15	SE130614.009	LB062800	12 Aug 2014	18 Aug 2014	09 Sep 2014	22 Aug 2014	09 Sep 2014	25 Aug 2014
BH5 0.1-0.4	SE130614.010	LB062800	13 Aug 2014	18 Aug 2014	10 Sep 2014	22 Aug 2014	10 Sep 2014	25 Aug 2014
BH5 0.6-0.7	SE130614.011	LB062800	13 Aug 2014	18 Aug 2014	10 Sep 2014	22 Aug 2014	10 Sep 2014	25 Aug 2014
BH6 0.6-0.7	SE130614.012	LB062800	13 Aug 2014	18 Aug 2014	10 Sep 2014	22 Aug 2014	10 Sep 2014	25 Aug 2014
BH7 0.15-0.45	SE130614.013	LB062800	11 Aug 2014	18 Aug 2014	08 Sep 2014	22 Aug 2014	08 Sep 2014	25 Aug 2014
BH7 1.4-1.7	SE130614.014	LB062800	11 Aug 2014	18 Aug 2014	08 Sep 2014	22 Aug 2014	08 Sep 2014	25 Aug 2014
BH9 0.2-0.5	SE130614.016	LB062800	14 Aug 2014	18 Aug 2014	11 Sep 2014	22 Aug 2014	11 Sep 2014	25 Aug 2014
BH9 2.0-2.3	SE130614.017	LB062800	14 Aug 2014	18 Aug 2014	11 Sep 2014	22 Aug 2014	11 Sep 2014	25 Aug 2014
BH9 2.55-2.65	SE130614.018	LB062801	14 Aug 2014	18 Aug 2014	11 Sep 2014	22 Aug 2014	11 Sep 2014	25 Aug 2014
BH10 0.23-0.5	SE130614.019	LB062801	12 Aug 2014	18 Aug 2014	09 Sep 2014	22 Aug 2014	09 Sep 2014	25 Aug 2014
BH10 0.55-0.65	SE130614.020	LB062801	12 Aug 2014	18 Aug 2014	09 Sep 2014	22 Aug 2014	09 Sep 2014	25 Aug 2014

Fibre Identification in soil

Method: ME-(AU)-[ENV]AN602

Sample Name	Sample No.	QC Ref	Sampled	Received	Extraction Due	Extracted	Analysis Due	Analysed
BH1 1.5-1.8	SE130614.001	LB062740	07 Aug 2014	18 Aug 2014	07 Aug 2015	21 Aug 2014	07 Aug 2015	25 Aug 2014
BH2 0.0-0.15	SE130614.003	LB062740	11 Aug 2014	18 Aug 2014	11 Aug 2015	21 Aug 2014	11 Aug 2015	25 Aug 2014
BH2 0.5-0.8	SE130614.004	LB062740	11 Aug 2014	18 Aug 2014	11 Aug 2015	21 Aug 2014	11 Aug 2015	25 Aug 2014
BH2 4.5-4.8	SE130614.005	LB062740	11 Aug 2014	18 Aug 2014	11 Aug 2015	21 Aug 2014	11 Aug 2015	25 Aug 2014
BH3 0.0-1	SE130614.007	LB062740	12 Aug 2014	18 Aug 2014	12 Aug 2015	21 Aug 2014	12 Aug 2015	25 Aug 2014
BH3 1.5-1.8	SE130614.008	LB062740	12 Aug 2014	18 Aug 2014	12 Aug 2015	21 Aug 2014	12 Aug 2015	25 Aug 2014
BH4 0.0-0.15	SE130614.009	LB062740	12 Aug 2014	18 Aug 2014	12 Aug 2015	21 Aug 2014	12 Aug 2015	25 Aug 2014
BH5 0.1-0.4	SE130614.010	LB062740	13 Aug 2014	18 Aug 2014	13 Aug 2015	21 Aug 2014	13 Aug 2015	25 Aug 2014
BH5 0.6-0.7	SE130614.011	LB062740	13 Aug 2014	18 Aug 2014	13 Aug 2015	21 Aug 2014	13 Aug 2015	25 Aug 2014
BH7 0.15-0.45	SE130614.013	LB062740	11 Aug 2014	18 Aug 2014	11 Aug 2015	21 Aug 2014	11 Aug 2015	25 Aug 2014
BH7 1.4-1.7	SE130614.014	LB062740	11 Aug 2014	18 Aug 2014	11 Aug 2015	21 Aug 2014	11 Aug 2015	25 Aug 2014
BH9 0.2-0.5	SE130614.016	LB062740	14 Aug 2014	18 Aug 2014	14 Aug 2015	21 Aug 2014	14 Aug 2015	25 Aug 2014
BH9 2.0-2.3	SE130614.017	LB062740	14 Aug 2014	18 Aug 2014	14 Aug 2015	21 Aug 2014	14 Aug 2015	25 Aug 2014
BH10 0.23-0.5	SE130614.019	LB062740	12 Aug 2014	18 Aug 2014	12 Aug 2015	21 Aug 2014	12 Aug 2015	25 Aug 2014

Mercury (dissolved) in Water

Method: ME-(AU)-[ENV]AN311/AN312

Sample Name	Sample No.	QC Ref	Sampled	Received	Extraction Due	Extracted	Analysis Due	Analysed
Rinsate R1	SE130614.024	LB062755	07 Aug 2014	18 Aug 2014	04 Sep 2014	22 Aug 2014	04 Sep 2014	22 Aug 2014
Rinsate R2	SE130614.025	LB062755	11 Aug 2014	18 Aug 2014	08 Sep 2014	22 Aug 2014	08 Sep 2014	22 Aug 2014
Rinsate R3	SE130614.026	LB062755	12 Aug 2014	18 Aug 2014	09 Sep 2014	22 Aug 2014	09 Sep 2014	22 Aug 2014
Rinsate R4	SE130614.027	LB062755	13 Aug 2014	18 Aug 2014	10 Sep 2014	22 Aug 2014	10 Sep 2014	22 Aug 2014
Rinsate R5	SE130614.028	LB062755	14 Aug 2014	18 Aug 2014	11 Sep 2014	22 Aug 2014	11 Sep 2014	22 Aug 2014

Mercury in Soil

Method: ME-(AU)-[ENV]AN312

Sample Name	Sample No.	QC Ref	Sampled	Received	Extraction Due	Extracted	Analysis Due	Analysed
BH1 1.5-1.8	SE130614.001	LB062739	07 Aug 2014	18 Aug 2014	04 Sep 2014	21 Aug 2014	04 Sep 2014	25 Aug 2014
BH1 3.15-3.25	SE130614.002	LB062739	07 Aug 2014	18 Aug 2014	04 Sep 2014	21 Aug 2014	04 Sep 2014	25 Aug 2014
BH2 0.0-0.15	SE130614.003	LB062739	11 Aug 2014	18 Aug 2014	08 Sep 2014	21 Aug 2014	08 Sep 2014	25 Aug 2014
BH2 0.5-0.8	SE130614.004	LB062739	11 Aug 2014	18 Aug 2014	08 Sep 2014	21 Aug 2014	08 Sep 2014	25 Aug 2014
BH2 4.5-4.8	SE130614.005	LB062739	11 Aug 2014	18 Aug 2014	08 Sep 2014	21 Aug 2014	08 Sep 2014	25 Aug 2014
BH2 5.1-5.25	SE130614.006	LB062741	11 Aug 2014	18 Aug 2014	08 Sep 2014	21 Aug 2014	08 Sep 2014	25 Aug 2014
BH3 0.0-1	SE130614.007	LB062741	12 Aug 2014	18 Aug 2014	09 Sep 2014	21 Aug 2014	09 Sep 2014	25 Aug 2014
BH3 1.5-1.8	SE130614.008	LB062741	12 Aug 2014	18 Aug 2014	09 Sep 2014	21 Aug 2014	09 Sep 2014	25 Aug 2014
BH4 0.0-0.15	SE130614.009	LB062741	12 Aug 2014	18 Aug 2014	09 Sep 2014	21 Aug 2014	09 Sep 2014	25 Aug 2014
BH5 0.1-0.4	SE130614.010	LB062741	13 Aug 2014	18 Aug 2014	10 Sep 2014	21 Aug 2014	10 Sep 2014	25 Aug 2014
BH5 0.6-0.7	SE130614.011	LB062741	13 Aug 2014	18 Aug 2014	10 Sep 2014	21 Aug 2014	10 Sep 2014	25 Aug 2014
BH6 0.6-0.7	SE130614.012	LB062741	13 Aug 2014	18 Aug 2014	10 Sep 2014	21 Aug 2014	10 Sep 2014	25 Aug 2014
BH7 0.15-0.45	SE130614.013	LB062741	11 Aug 2014	18 Aug 2014	08 Sep 2014	21 Aug 2014	08 Sep 2014	25 Aug 2014
BH7 1.4-1.7	SE130614.014	LB062741	11 Aug 2014	18 Aug 2014	08 Sep 2014	21 Aug 2014	08 Sep 2014	25 Aug 2014

SGS holding time criteria are drawn from current regulations and are highly dependent on sample container preservation as specified in the SGS "Field Sampling Guide for Containers and Holding Time" (ref: GU-(AU)-ENV.001). Soil samples guidelines are derived from NEPM "Schedule B(3) Guideline on Laboratory Analysis of Potentially Contaminated Soils". Water sample guidelines are derived from "AS/NZS 5667.1 : 1998 Water Quality - sampling part 1" and APHA "Standard Methods for the Examination of Water and Wastewater" 21st edition 2005.

Extraction and analysis holding time due dates listed are calculated from the date sampled, although holding times may be extended after laboratory extraction for some analytes. The due dates are the suggested dates that samples may be held before extraction or analysis and still be considered valid.

Extraction and analysis dates are shown in **Green** when within suggested criteria or **Red** with an appended dagger symbol (†) when outside suggested criteria. If the sampled date is not supplied then compliance with criteria cannot be determined. If the received date is after one or both due dates then holding time will fail by default.

Mercury in Soil (continued)

Method: ME-(AU)-[ENV]AN312

Sample Name	Sample No.	QC Ref	Sampled	Received	Extraction Due	Extracted	Analysis Due	Analysed
BH8 0.2-0.4	SE130614.015	LB062741	14 Aug 2014	18 Aug 2014	11 Sep 2014	21 Aug 2014	11 Sep 2014	25 Aug 2014
BH9 0.2-0.5	SE130614.016	LB062741	14 Aug 2014	18 Aug 2014	11 Sep 2014	21 Aug 2014	11 Sep 2014	25 Aug 2014
BH9 2.0-2.3	SE130614.017	LB062741	14 Aug 2014	18 Aug 2014	11 Sep 2014	21 Aug 2014	11 Sep 2014	25 Aug 2014
BH9 2.55-2.65	SE130614.018	LB062741	14 Aug 2014	18 Aug 2014	11 Sep 2014	21 Aug 2014	11 Sep 2014	25 Aug 2014
BH10 0.23-0.5	SE130614.019	LB062741	12 Aug 2014	18 Aug 2014	09 Sep 2014	21 Aug 2014	09 Sep 2014	25 Aug 2014
BH10 0.55-0.65	SE130614.020	LB062741	12 Aug 2014	18 Aug 2014	09 Sep 2014	21 Aug 2014	09 Sep 2014	25 Aug 2014
Duplicate D2	SE130614.021	LB062741	13 Aug 2014	18 Aug 2014	10 Sep 2014	21 Aug 2014	10 Sep 2014	25 Aug 2014

Metals in Water (Dissolved) by ICPOES

Method: ME-(AU)-[ENV]AN320/AN321

Sample Name	Sample No.	QC Ref	Sampled	Received	Extraction Due	Extracted	Analysis Due	Analysed
Rinsate R1	SE130614.024	LB062600	07 Aug 2014	18 Aug 2014	03 Feb 2015	20 Aug 2014	03 Feb 2015	20 Aug 2014
Rinsate R2	SE130614.025	LB062600	11 Aug 2014	18 Aug 2014	07 Feb 2015	20 Aug 2014	07 Feb 2015	20 Aug 2014
Rinsate R3	SE130614.026	LB062600	12 Aug 2014	18 Aug 2014	08 Feb 2015	20 Aug 2014	08 Feb 2015	20 Aug 2014
Rinsate R4	SE130614.027	LB062600	13 Aug 2014	18 Aug 2014	09 Feb 2015	20 Aug 2014	09 Feb 2015	20 Aug 2014
Rinsate R5	SE130614.028	LB062600	14 Aug 2014	18 Aug 2014	10 Feb 2015	20 Aug 2014	10 Feb 2015	20 Aug 2014

Moisture Content

Method: ME-(AU)-[ENV]AN002

Sample Name	Sample No.	QC Ref	Sampled	Received	Extraction Due	Extracted	Analysis Due	Analysed
BH1 1.5-1.8	SE130614.001	LB062788	07 Aug 2014	18 Aug 2014	21 Aug 2014	21 Aug 2014	26 Aug 2014	23 Aug 2014
BH1 3.15-3.25	SE130614.002	LB062788	07 Aug 2014	18 Aug 2014	21 Aug 2014	21 Aug 2014	26 Aug 2014	23 Aug 2014
BH2 0.0-0.15	SE130614.003	LB062788	11 Aug 2014	18 Aug 2014	25 Aug 2014	21 Aug 2014	26 Aug 2014	23 Aug 2014
BH2 0.5-0.8	SE130614.004	LB062788	11 Aug 2014	18 Aug 2014	25 Aug 2014	21 Aug 2014	26 Aug 2014	23 Aug 2014
BH2 4.5-4.8	SE130614.005	LB062788	11 Aug 2014	18 Aug 2014	25 Aug 2014	21 Aug 2014	26 Aug 2014	23 Aug 2014
BH2 5.1-5.25	SE130614.006	LB062788	11 Aug 2014	18 Aug 2014	25 Aug 2014	21 Aug 2014	26 Aug 2014	23 Aug 2014
BH3 0-0.1	SE130614.007	LB062788	12 Aug 2014	18 Aug 2014	26 Aug 2014	21 Aug 2014	26 Aug 2014	23 Aug 2014
BH3 1.5-1.8	SE130614.008	LB062788	12 Aug 2014	18 Aug 2014	26 Aug 2014	21 Aug 2014	26 Aug 2014	23 Aug 2014
BH4 0-0.15	SE130614.009	LB062788	12 Aug 2014	18 Aug 2014	26 Aug 2014	21 Aug 2014	26 Aug 2014	23 Aug 2014
BH5 0.1-0.4	SE130614.010	LB062788	13 Aug 2014	18 Aug 2014	27 Aug 2014	21 Aug 2014	26 Aug 2014	23 Aug 2014
BH5 0.6-0.7	SE130614.011	LB062788	13 Aug 2014	18 Aug 2014	27 Aug 2014	21 Aug 2014	26 Aug 2014	23 Aug 2014
BH6 0.6-0.7	SE130614.012	LB062788	13 Aug 2014	18 Aug 2014	27 Aug 2014	21 Aug 2014	26 Aug 2014	23 Aug 2014
BH7 0.15-0.45	SE130614.013	LB062788	11 Aug 2014	18 Aug 2014	25 Aug 2014	21 Aug 2014	26 Aug 2014	23 Aug 2014
BH7 1.4-1.7	SE130614.014	LB062788	11 Aug 2014	18 Aug 2014	25 Aug 2014	21 Aug 2014	26 Aug 2014	23 Aug 2014
BH8 0.2-0.4	SE130614.015	LB062788	14 Aug 2014	18 Aug 2014	28 Aug 2014	21 Aug 2014	26 Aug 2014	23 Aug 2014
BH9 0.2-0.5	SE130614.016	LB062788	14 Aug 2014	18 Aug 2014	28 Aug 2014	21 Aug 2014	26 Aug 2014	23 Aug 2014
BH9 2.0-2.3	SE130614.017	LB062788	14 Aug 2014	18 Aug 2014	28 Aug 2014	21 Aug 2014	26 Aug 2014	23 Aug 2014
BH9 2.55-2.65	SE130614.018	LB062788	14 Aug 2014	18 Aug 2014	28 Aug 2014	21 Aug 2014	26 Aug 2014	23 Aug 2014
BH10 0.23-0.5	SE130614.019	LB062788	12 Aug 2014	18 Aug 2014	26 Aug 2014	21 Aug 2014	26 Aug 2014	23 Aug 2014
BH10 0.55-0.65	SE130614.020	LB062788	12 Aug 2014	18 Aug 2014	26 Aug 2014	21 Aug 2014	26 Aug 2014	23 Aug 2014
Duplicate D2	SE130614.021	LB062788	13 Aug 2014	18 Aug 2014	27 Aug 2014	21 Aug 2014	26 Aug 2014	23 Aug 2014

OC Pesticides in Soil

Method: ME-(AU)-[ENV]AN400/AN420

Sample Name	Sample No.	QC Ref	Sampled	Received	Extraction Due	Extracted	Analysis Due	Analysed
BH1 1.5-1.8	SE130614.001	LB062562	07 Aug 2014	18 Aug 2014	21 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH1 3.15-3.25	SE130614.002	LB062562	07 Aug 2014	18 Aug 2014	21 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH2 0-0.15	SE130614.003	LB062562	11 Aug 2014	18 Aug 2014	25 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH2 0.5-0.8	SE130614.004	LB062562	11 Aug 2014	18 Aug 2014	25 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH2 4.5-4.8	SE130614.005	LB062562	11 Aug 2014	18 Aug 2014	25 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH2 5.1-5.25	SE130614.006	LB062562	11 Aug 2014	18 Aug 2014	25 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH3 0-0.1	SE130614.007	LB062562	12 Aug 2014	18 Aug 2014	26 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH3 1.5-1.8	SE130614.008	LB062562	12 Aug 2014	18 Aug 2014	26 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH4 0-0.15	SE130614.009	LB062562	12 Aug 2014	18 Aug 2014	26 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH5 0.1-0.4	SE130614.010	LB062562	13 Aug 2014	18 Aug 2014	27 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH5 0.6-0.7	SE130614.011	LB062562	13 Aug 2014	18 Aug 2014	27 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH6 0.6-0.7	SE130614.012	LB062562	13 Aug 2014	18 Aug 2014	27 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH7 0.15-0.45	SE130614.013	LB062562	11 Aug 2014	18 Aug 2014	25 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH7 1.4-1.7	SE130614.014	LB062562	11 Aug 2014	18 Aug 2014	25 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH8 0.2-0.4	SE130614.015	LB062562	14 Aug 2014	18 Aug 2014	28 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH9 0.2-0.5	SE130614.016	LB062562	14 Aug 2014	18 Aug 2014	28 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH9 2.0-2.3	SE130614.017	LB062563	14 Aug 2014	18 Aug 2014	28 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH9 2.55-2.65	SE130614.018	LB062563	14 Aug 2014	18 Aug 2014	28 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH10 0.23-0.5	SE130614.019	LB062563	12 Aug 2014	18 Aug 2014	26 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014

SGS holding time criteria are drawn from current regulations and are highly dependent on sample container preservation as specified in the SGS "Field Sampling Guide for Containers and Holding Time" (ref: GU-(AU)-ENV.001). Soil samples guidelines are derived from NEPM "Schedule B(3) Guideline on Laboratory Analysis of Potentially Contaminated Soils". Water sample guidelines are derived from "AS/NZS 5667.1 : 1998 Water Quality - sampling part 1" and APHA "Standard Methods for the Examination of Water and Wastewater" 21st edition 2005.

Extraction and analysis holding time due dates listed are calculated from the date sampled, although holding times may be extended after laboratory extraction for some analytes. The due dates are the suggested dates that samples may be held before extraction or analysis and still be considered valid.

Extraction and analysis dates are shown in **Green** when within suggested criteria or **Red** with an appended dagger symbol (†) when outside suggested criteria. If the sampled date is not supplied then compliance with criteria cannot be determined. If the received date is after one or both due dates then holding time will fail by default.

OC Pesticides in Soil (continued)

Method: ME-(AU)-[ENV]AN400/AN420

Sample Name	Sample No.	QC Ref	Sampled	Received	Extraction Due	Extracted	Analysis Due	Analysed
BH10 0.55-0.65	SE130614.020	LB062563	12 Aug 2014	18 Aug 2014	26 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
Duplicate D2	SE130614.021	LB062563	13 Aug 2014	18 Aug 2014	27 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014

PAH (Polynuclear Aromatic Hydrocarbons) in Soil

Method: ME-(AU)-[ENV]AN420

Sample Name	Sample No.	QC Ref	Sampled	Received	Extraction Due	Extracted	Analysis Due	Analysed
BH1 1.5-1.8	SE130614.001	LB062562	07 Aug 2014	18 Aug 2014	21 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH1 3.15-3.25	SE130614.002	LB062562	07 Aug 2014	18 Aug 2014	21 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH2 0-0.15	SE130614.003	LB062562	11 Aug 2014	18 Aug 2014	25 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH2 0.5-0.8	SE130614.004	LB062562	11 Aug 2014	18 Aug 2014	25 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH2 4.5-4.8	SE130614.005	LB062562	11 Aug 2014	18 Aug 2014	25 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH2 5.1-5.25	SE130614.006	LB062562	11 Aug 2014	18 Aug 2014	25 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH3 0-0.1	SE130614.007	LB062562	12 Aug 2014	18 Aug 2014	26 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH3 1.5-1.8	SE130614.008	LB062562	12 Aug 2014	18 Aug 2014	26 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH4 0-0.15	SE130614.009	LB062562	12 Aug 2014	18 Aug 2014	26 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH5 0.1-0.4	SE130614.010	LB062562	13 Aug 2014	18 Aug 2014	27 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH5 0.6-0.7	SE130614.011	LB062562	13 Aug 2014	18 Aug 2014	27 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH6 0.6-0.7	SE130614.012	LB062562	13 Aug 2014	18 Aug 2014	27 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH7 0.15-0.45	SE130614.013	LB062562	11 Aug 2014	18 Aug 2014	25 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH7 1.4-1.7	SE130614.014	LB062562	11 Aug 2014	18 Aug 2014	25 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH8 0.2-0.4	SE130614.015	LB062562	14 Aug 2014	18 Aug 2014	28 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH9 0.2-0.5	SE130614.016	LB062562	14 Aug 2014	18 Aug 2014	28 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH9 2.0-2.3	SE130614.017	LB062563	14 Aug 2014	18 Aug 2014	28 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH9 2.55-2.65	SE130614.018	LB062563	14 Aug 2014	18 Aug 2014	28 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH10 0.23-0.5	SE130614.019	LB062563	12 Aug 2014	18 Aug 2014	26 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH10 0.55-0.65	SE130614.020	LB062563	12 Aug 2014	18 Aug 2014	26 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
Duplicate D2	SE130614.021	LB062563	13 Aug 2014	18 Aug 2014	27 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014

PCBs in Soil

Method: ME-(AU)-[ENV]AN400/AN420

Sample Name	Sample No.	QC Ref	Sampled	Received	Extraction Due	Extracted	Analysis Due	Analysed
BH1 1.5-1.8	SE130614.001	LB062562	07 Aug 2014	18 Aug 2014	21 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH1 3.15-3.25	SE130614.002	LB062562	07 Aug 2014	18 Aug 2014	21 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH2 0-0.15	SE130614.003	LB062562	11 Aug 2014	18 Aug 2014	25 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH2 0.5-0.8	SE130614.004	LB062562	11 Aug 2014	18 Aug 2014	25 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH2 4.5-4.8	SE130614.005	LB062562	11 Aug 2014	18 Aug 2014	25 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH2 5.1-5.25	SE130614.006	LB062562	11 Aug 2014	18 Aug 2014	25 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH3 0-0.1	SE130614.007	LB062562	12 Aug 2014	18 Aug 2014	26 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH3 1.5-1.8	SE130614.008	LB062562	12 Aug 2014	18 Aug 2014	26 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH4 0-0.15	SE130614.009	LB062562	12 Aug 2014	18 Aug 2014	26 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH5 0.1-0.4	SE130614.010	LB062562	13 Aug 2014	18 Aug 2014	27 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH5 0.6-0.7	SE130614.011	LB062562	13 Aug 2014	18 Aug 2014	27 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH6 0.6-0.7	SE130614.012	LB062562	13 Aug 2014	18 Aug 2014	27 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH7 0.15-0.45	SE130614.013	LB062562	11 Aug 2014	18 Aug 2014	25 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH7 1.4-1.7	SE130614.014	LB062562	11 Aug 2014	18 Aug 2014	25 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH8 0.2-0.4	SE130614.015	LB062562	14 Aug 2014	18 Aug 2014	28 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH9 0.2-0.5	SE130614.016	LB062562	14 Aug 2014	18 Aug 2014	28 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH9 2.0-2.3	SE130614.017	LB062563	14 Aug 2014	18 Aug 2014	28 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH9 2.55-2.65	SE130614.018	LB062563	14 Aug 2014	18 Aug 2014	28 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH10 0.23-0.5	SE130614.019	LB062563	12 Aug 2014	18 Aug 2014	26 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH10 0.55-0.65	SE130614.020	LB062563	12 Aug 2014	18 Aug 2014	26 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
Duplicate D2	SE130614.021	LB062563	13 Aug 2014	18 Aug 2014	27 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014

pH in soil (1:5)

Method: ME-(AU)-[ENV]AN101

Sample Name	Sample No.	QC Ref	Sampled	Received	Extraction Due	Extracted	Analysis Due	Analysed
BH1 1.5-1.8	SE130614.001	LB062682	07 Aug 2014	18 Aug 2014	14 Aug 2014	19 Aug 2014†	20 Aug 2014	22 Aug 2014†
BH1 3.15-3.25	SE130614.002	LB062682	07 Aug 2014	18 Aug 2014	14 Aug 2014	19 Aug 2014†	20 Aug 2014	22 Aug 2014†
BH2 0-0.15	SE130614.003	LB062682	11 Aug 2014	18 Aug 2014	18 Aug 2014	19 Aug 2014†	20 Aug 2014	22 Aug 2014†
BH2 0.5-0.8	SE130614.004	LB062682	11 Aug 2014	18 Aug 2014	18 Aug 2014	19 Aug 2014†	20 Aug 2014	22 Aug 2014†
BH2 4.5-4.8	SE130614.005	LB062682	11 Aug 2014	18 Aug 2014	18 Aug 2014	19 Aug 2014†	20 Aug 2014	22 Aug 2014†
BH2 5.1-5.25	SE130614.006	LB062682	11 Aug 2014	18 Aug 2014	18 Aug 2014	19 Aug 2014†	20 Aug 2014	22 Aug 2014†
BH3 0-0.1	SE130614.007	LB062682	12 Aug 2014	18 Aug 2014	19 Aug 2014	19 Aug 2014	20 Aug 2014	22 Aug 2014†
BH3 1.5-1.8	SE130614.008	LB062682	12 Aug 2014	18 Aug 2014	19 Aug 2014	19 Aug 2014	20 Aug 2014	22 Aug 2014†

SGS holding time criteria are drawn from current regulations and are highly dependent on sample container preservation as specified in the SGS "Field Sampling Guide for Containers and Holding Time" (ref: GU-(AU)-ENV.001). Soil samples guidelines are derived from NEPM "Schedule B(3) Guideline on Laboratory Analysis of Potentially Contaminated Soils". Water sample guidelines are derived from "AS/NZS 5667.1 : 1998 Water Quality - sampling part 1" and APHA "Standard Methods for the Examination of Water and Wastewater" 21st edition 2005.

Extraction and analysis holding time due dates listed are calculated from the date sampled, although holding times may be extended after laboratory extraction for some analytes. The due dates are the suggested dates that samples may be held before extraction or analysis and still be considered valid.

Extraction and analysis dates are shown in **Green** when within suggested criteria or **Red** with an appended dagger symbol (†) when outside suggested criteria. If the sampled date is not supplied then compliance with criteria cannot be determined. If the received date is after one or both due dates then holding time will fail by default.

pH in soil (1:5) (continued)

Method: ME-(AU)-[ENV]JAN101

Sample Name	Sample No.	QC Ref	Sampled	Received	Extraction Due	Extracted	Analysis Due	Analysed
BH4 0.0-15	SE130614.009	LB062682	12 Aug 2014	18 Aug 2014	19 Aug 2014	19 Aug 2014	20 Aug 2014	22 Aug 2014†
BH5 0.1-0.4	SE130614.010	LB062682	13 Aug 2014	18 Aug 2014	20 Aug 2014	19 Aug 2014	20 Aug 2014	22 Aug 2014†
BH5 0.6-0.7	SE130614.011	LB062682	13 Aug 2014	18 Aug 2014	20 Aug 2014	19 Aug 2014	20 Aug 2014	22 Aug 2014†
BH6 0.6-0.7	SE130614.012	LB062682	13 Aug 2014	18 Aug 2014	20 Aug 2014	19 Aug 2014	20 Aug 2014	22 Aug 2014†
BH7 0.15-0.45	SE130614.013	LB062682	11 Aug 2014	18 Aug 2014	18 Aug 2014	19 Aug 2014†	20 Aug 2014	22 Aug 2014†
BH7 1.4-1.7	SE130614.014	LB062682	11 Aug 2014	18 Aug 2014	18 Aug 2014	19 Aug 2014†	20 Aug 2014	22 Aug 2014†
BH8 0.2-0.4	SE130614.015	LB062682	14 Aug 2014	18 Aug 2014	21 Aug 2014	19 Aug 2014	20 Aug 2014	22 Aug 2014†
BH9 0.2-0.5	SE130614.016	LB062682	14 Aug 2014	18 Aug 2014	21 Aug 2014	19 Aug 2014	20 Aug 2014	22 Aug 2014†
BH9 2.0-2.3	SE130614.017	LB062682	14 Aug 2014	18 Aug 2014	21 Aug 2014	19 Aug 2014	20 Aug 2014	22 Aug 2014†
BH9 2.55-2.65	SE130614.018	LB062682	14 Aug 2014	18 Aug 2014	21 Aug 2014	19 Aug 2014	20 Aug 2014	22 Aug 2014†
BH10 0.23-0.5	SE130614.019	LB062682	12 Aug 2014	18 Aug 2014	19 Aug 2014	19 Aug 2014	20 Aug 2014	22 Aug 2014†
BH10 0.55-0.65	SE130614.020	LB062682	12 Aug 2014	18 Aug 2014	19 Aug 2014	19 Aug 2014	20 Aug 2014	22 Aug 2014†
Duplicate D2	SE130614.021	LB062682	13 Aug 2014	18 Aug 2014	20 Aug 2014	19 Aug 2014	20 Aug 2014	22 Aug 2014†

TOC in Soil

Method: ME-(AU)-[ENV]JAN188

Sample Name	Sample No.	QC Ref	Sampled	Received	Extraction Due	Extracted	Analysis Due	Analysed
BH1 1.5-1.8	SE130614.001	LB062858	07 Aug 2014	18 Aug 2014	04 Sep 2014	25 Aug 2014	04 Sep 2014	25 Aug 2014
BH1 3.15-3.25	SE130614.002	LB062858	07 Aug 2014	18 Aug 2014	04 Sep 2014	25 Aug 2014	04 Sep 2014	25 Aug 2014
BH2 0.0-15	SE130614.003	LB062858	11 Aug 2014	18 Aug 2014	08 Sep 2014	25 Aug 2014	08 Sep 2014	25 Aug 2014
BH2 0.5-0.8	SE130614.004	LB062858	11 Aug 2014	18 Aug 2014	08 Sep 2014	25 Aug 2014	08 Sep 2014	25 Aug 2014
BH2 4.5-4.8	SE130614.005	LB062858	11 Aug 2014	18 Aug 2014	08 Sep 2014	25 Aug 2014	08 Sep 2014	25 Aug 2014
BH2 5.1-5.25	SE130614.006	LB062858	11 Aug 2014	18 Aug 2014	08 Sep 2014	25 Aug 2014	08 Sep 2014	25 Aug 2014
BH3 0.0-1	SE130614.007	LB062858	12 Aug 2014	18 Aug 2014	09 Sep 2014	25 Aug 2014	09 Sep 2014	25 Aug 2014
BH3 1.5-1.8	SE130614.008	LB062858	12 Aug 2014	18 Aug 2014	09 Sep 2014	25 Aug 2014	09 Sep 2014	25 Aug 2014
BH4 0.0-15	SE130614.009	LB062858	12 Aug 2014	18 Aug 2014	09 Sep 2014	25 Aug 2014	09 Sep 2014	25 Aug 2014
BH5 0.1-0.4	SE130614.010	LB062858	13 Aug 2014	18 Aug 2014	10 Sep 2014	25 Aug 2014	10 Sep 2014	25 Aug 2014
BH5 0.6-0.7	SE130614.011	LB062858	13 Aug 2014	18 Aug 2014	10 Sep 2014	25 Aug 2014	10 Sep 2014	25 Aug 2014
BH6 0.6-0.7	SE130614.012	LB062858	13 Aug 2014	18 Aug 2014	10 Sep 2014	25 Aug 2014	10 Sep 2014	25 Aug 2014
BH7 0.15-0.45	SE130614.013	LB062858	11 Aug 2014	18 Aug 2014	08 Sep 2014	25 Aug 2014	08 Sep 2014	25 Aug 2014
BH7 1.4-1.7	SE130614.014	LB062858	11 Aug 2014	18 Aug 2014	08 Sep 2014	25 Aug 2014	08 Sep 2014	25 Aug 2014
BH9 0.2-0.5	SE130614.016	LB062858	14 Aug 2014	18 Aug 2014	11 Sep 2014	25 Aug 2014	11 Sep 2014	25 Aug 2014
BH9 2.0-2.3	SE130614.017	LB062858	14 Aug 2014	18 Aug 2014	11 Sep 2014	25 Aug 2014	11 Sep 2014	25 Aug 2014
BH9 2.55-2.65	SE130614.018	LB062858	14 Aug 2014	18 Aug 2014	11 Sep 2014	25 Aug 2014	11 Sep 2014	25 Aug 2014
BH10 0.23-0.5	SE130614.019	LB062858	12 Aug 2014	18 Aug 2014	09 Sep 2014	25 Aug 2014	09 Sep 2014	25 Aug 2014
BH10 0.55-0.65	SE130614.020	LB062858	12 Aug 2014	18 Aug 2014	09 Sep 2014	25 Aug 2014	09 Sep 2014	25 Aug 2014

Total Cyanide in soil by Discrete Analyser (AquaKem)

Method: ME-(AU)-[ENV]JAN077/AN287

Sample Name	Sample No.	QC Ref	Sampled	Received	Extraction Due	Extracted	Analysis Due	Analysed
BH2 0.5-0.8	SE130614.004	LB062764	11 Aug 2014	18 Aug 2014	25 Aug 2014	22 Aug 2014	25 Aug 2014	25 Aug 2014
BH2 4.5-4.8	SE130614.005	LB062764	11 Aug 2014	18 Aug 2014	25 Aug 2014	22 Aug 2014	25 Aug 2014	25 Aug 2014
BH2 5.1-5.25	SE130614.006	LB062764	11 Aug 2014	18 Aug 2014	25 Aug 2014	22 Aug 2014	25 Aug 2014	25 Aug 2014
BH3 1.5-1.8	SE130614.008	LB062764	12 Aug 2014	18 Aug 2014	26 Aug 2014	22 Aug 2014	26 Aug 2014	25 Aug 2014
BH5 0.1-0.4	SE130614.010	LB062764	13 Aug 2014	18 Aug 2014	27 Aug 2014	22 Aug 2014	27 Aug 2014	25 Aug 2014
BH5 0.6-0.7	SE130614.011	LB062764	13 Aug 2014	18 Aug 2014	27 Aug 2014	22 Aug 2014	27 Aug 2014	25 Aug 2014
BH9 0.2-0.5	SE130614.016	LB062764	14 Aug 2014	18 Aug 2014	28 Aug 2014	22 Aug 2014	28 Aug 2014	25 Aug 2014
BH9 2.0-2.3	SE130614.017	LB062764	14 Aug 2014	18 Aug 2014	28 Aug 2014	22 Aug 2014	28 Aug 2014	25 Aug 2014
BH9 2.55-2.65	SE130614.018	LB062764	14 Aug 2014	18 Aug 2014	28 Aug 2014	22 Aug 2014	28 Aug 2014	25 Aug 2014
BH10 0.23-0.5	SE130614.019	LB062764	12 Aug 2014	18 Aug 2014	26 Aug 2014	22 Aug 2014	26 Aug 2014	25 Aug 2014
BH10 0.55-0.65	SE130614.020	LB062764	12 Aug 2014	18 Aug 2014	26 Aug 2014	22 Aug 2014	26 Aug 2014	25 Aug 2014
Duplicate D2	SE130614.021	LB062764	13 Aug 2014	18 Aug 2014	27 Aug 2014	22 Aug 2014	27 Aug 2014	25 Aug 2014

Total Phenolics in Soil

Method: ME-(AU)-[ENV]JAN289

Sample Name	Sample No.	QC Ref	Sampled	Received	Extraction Due	Extracted	Analysis Due	Analysed
BH2 0.5-0.8	SE130614.004	LB062763	11 Aug 2014	18 Aug 2014	25 Aug 2014	22 Aug 2014	25 Aug 2014	22 Aug 2014
BH2 4.5-4.8	SE130614.005	LB062763	11 Aug 2014	18 Aug 2014	25 Aug 2014	22 Aug 2014	25 Aug 2014	22 Aug 2014
BH2 5.1-5.25	SE130614.006	LB062763	11 Aug 2014	18 Aug 2014	25 Aug 2014	22 Aug 2014	25 Aug 2014	22 Aug 2014
BH3 1.5-1.8	SE130614.008	LB062763	12 Aug 2014	18 Aug 2014	26 Aug 2014	22 Aug 2014	26 Aug 2014	22 Aug 2014
BH5 0.1-0.4	SE130614.010	LB062763	13 Aug 2014	18 Aug 2014	27 Aug 2014	22 Aug 2014	27 Aug 2014	22 Aug 2014
BH5 0.6-0.7	SE130614.011	LB062763	13 Aug 2014	18 Aug 2014	27 Aug 2014	22 Aug 2014	27 Aug 2014	22 Aug 2014
BH9 0.2-0.5	SE130614.016	LB062763	14 Aug 2014	18 Aug 2014	28 Aug 2014	22 Aug 2014	28 Aug 2014	22 Aug 2014
BH9 2.0-2.3	SE130614.017	LB062763	14 Aug 2014	18 Aug 2014	28 Aug 2014	22 Aug 2014	28 Aug 2014	22 Aug 2014

SGS holding time criteria are drawn from current regulations and are highly dependent on sample container preservation as specified in the SGS "Field Sampling Guide for Containers and Holding Time" (ref: GU-(AU)-ENV.001). Soil samples guidelines are derived from NEPM "Schedule B(3) Guideline on Laboratory Analysis of Potentially Contaminated Soils". Water sample guidelines are derived from "AS/NZS 5667.1 : 1998 Water Quality - sampling part 1" and APHA "Standard Methods for the Examination of Water and Wastewater" 21st edition 2005.

Extraction and analysis holding time due dates listed are calculated from the date sampled, although holding times may be extended after laboratory extraction for some analytes. The due dates are the suggested dates that samples may be held before extraction or analysis and still be considered valid.

Extraction and analysis dates are shown in **Green** when within suggested criteria or **Red** with an appended dagger symbol (†) when outside suggested criteria. If the sampled date is not supplied then compliance with criteria cannot be determined. If the received date is after one or both due dates then holding time will fail by default.

Total Phenolics in Soil (continued)

Method: ME-(AU)-[ENV]AN289

Sample Name	Sample No.	QC Ref	Sampled	Received	Extraction Due	Extracted	Analysis Due	Analysed
BH9 2.55-2.65	SE130614.018	LB062763	14 Aug 2014	18 Aug 2014	28 Aug 2014	22 Aug 2014	28 Aug 2014	22 Aug 2014
BH10 0.23-0.5	SE130614.019	LB062763	12 Aug 2014	18 Aug 2014	26 Aug 2014	22 Aug 2014	26 Aug 2014	22 Aug 2014
BH10 0.55-0.65	SE130614.020	LB062835	12 Aug 2014	18 Aug 2014	26 Aug 2014	23 Aug 2014	26 Aug 2014	26 Aug 2014
Duplicate D2	SE130614.021	LB062835	13 Aug 2014	18 Aug 2014	27 Aug 2014	23 Aug 2014	27 Aug 2014	23 Aug 2014

Total Recoverable Metals in Soil by ICPOES from EPA 200.8 Digest

Method: ME-(AU)-[ENV]AN040/AN320

Sample Name	Sample No.	QC Ref	Sampled	Received	Extraction Due	Extracted	Analysis Due	Analysed
BH1 1.5-1.8	SE130614.001	LB062732	07 Aug 2014	18 Aug 2014	03 Feb 2015	21 Aug 2014	03 Feb 2015	25 Aug 2014
BH1 3.15-3.25	SE130614.002	LB062732	07 Aug 2014	18 Aug 2014	03 Feb 2015	21 Aug 2014	03 Feb 2015	25 Aug 2014
BH2 0-0.15	SE130614.003	LB062732	11 Aug 2014	18 Aug 2014	07 Feb 2015	21 Aug 2014	07 Feb 2015	25 Aug 2014
BH2 0.5-0.8	SE130614.004	LB062732	11 Aug 2014	18 Aug 2014	07 Feb 2015	21 Aug 2014	07 Feb 2015	25 Aug 2014
BH2 4.5-4.8	SE130614.005	LB062732	11 Aug 2014	18 Aug 2014	07 Feb 2015	21 Aug 2014	07 Feb 2015	25 Aug 2014
BH2 5.1-5.25	SE130614.006	LB062733	11 Aug 2014	18 Aug 2014	07 Feb 2015	21 Aug 2014	07 Feb 2015	25 Aug 2014
BH3 0-0.1	SE130614.007	LB062733	12 Aug 2014	18 Aug 2014	08 Feb 2015	21 Aug 2014	08 Feb 2015	25 Aug 2014
BH3 1.5-1.8	SE130614.008	LB062733	12 Aug 2014	18 Aug 2014	08 Feb 2015	21 Aug 2014	08 Feb 2015	25 Aug 2014
BH4 0-0.15	SE130614.009	LB062733	12 Aug 2014	18 Aug 2014	08 Feb 2015	21 Aug 2014	08 Feb 2015	25 Aug 2014
BH5 0.1-0.4	SE130614.010	LB062733	13 Aug 2014	18 Aug 2014	09 Feb 2015	21 Aug 2014	09 Feb 2015	25 Aug 2014
BH5 0.6-0.7	SE130614.011	LB062733	13 Aug 2014	18 Aug 2014	09 Feb 2015	21 Aug 2014	09 Feb 2015	25 Aug 2014
BH6 0.6-0.7	SE130614.012	LB062733	13 Aug 2014	18 Aug 2014	09 Feb 2015	21 Aug 2014	09 Feb 2015	25 Aug 2014
BH7 0.15-0.45	SE130614.013	LB062733	11 Aug 2014	18 Aug 2014	07 Feb 2015	21 Aug 2014	07 Feb 2015	25 Aug 2014
BH7 1.4-1.7	SE130614.014	LB062733	11 Aug 2014	18 Aug 2014	07 Feb 2015	21 Aug 2014	07 Feb 2015	25 Aug 2014
BH8 0.2-0.4	SE130614.015	LB062733	14 Aug 2014	18 Aug 2014	10 Feb 2015	21 Aug 2014	10 Feb 2015	25 Aug 2014
BH9 0.2-0.5	SE130614.016	LB062733	14 Aug 2014	18 Aug 2014	10 Feb 2015	21 Aug 2014	10 Feb 2015	25 Aug 2014
BH9 2.0-2.3	SE130614.017	LB062733	14 Aug 2014	18 Aug 2014	10 Feb 2015	21 Aug 2014	10 Feb 2015	25 Aug 2014
BH9 2.55-2.65	SE130614.018	LB062733	14 Aug 2014	18 Aug 2014	10 Feb 2015	21 Aug 2014	10 Feb 2015	25 Aug 2014
BH10 0.23-0.5	SE130614.019	LB062733	12 Aug 2014	18 Aug 2014	08 Feb 2015	21 Aug 2014	08 Feb 2015	25 Aug 2014
BH10 0.55-0.65	SE130614.020	LB062733	12 Aug 2014	18 Aug 2014	08 Feb 2015	21 Aug 2014	08 Feb 2015	25 Aug 2014
Duplicate D2	SE130614.021	LB062733	13 Aug 2014	18 Aug 2014	09 Feb 2015	21 Aug 2014	09 Feb 2015	25 Aug 2014

TRH (Total Recoverable Hydrocarbons) in Soil

Method: ME-(AU)-[ENV]AN403

Sample Name	Sample No.	QC Ref	Sampled	Received	Extraction Due	Extracted	Analysis Due	Analysed
BH1 1.5-1.8	SE130614.001	LB062562	07 Aug 2014	18 Aug 2014	21 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH1 3.15-3.25	SE130614.002	LB062562	07 Aug 2014	18 Aug 2014	21 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH2 0-0.15	SE130614.003	LB062562	11 Aug 2014	18 Aug 2014	25 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH2 0.5-0.8	SE130614.004	LB062562	11 Aug 2014	18 Aug 2014	25 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH2 4.5-4.8	SE130614.005	LB062562	11 Aug 2014	18 Aug 2014	25 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH2 5.1-5.25	SE130614.006	LB062562	11 Aug 2014	18 Aug 2014	25 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH3 0-0.1	SE130614.007	LB062562	12 Aug 2014	18 Aug 2014	26 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH3 1.5-1.8	SE130614.008	LB062562	12 Aug 2014	18 Aug 2014	26 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH4 0-0.15	SE130614.009	LB062562	12 Aug 2014	18 Aug 2014	26 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH5 0.1-0.4	SE130614.010	LB062562	13 Aug 2014	18 Aug 2014	27 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH5 0.6-0.7	SE130614.011	LB062562	13 Aug 2014	18 Aug 2014	27 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH6 0.6-0.7	SE130614.012	LB062562	13 Aug 2014	18 Aug 2014	27 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH7 0.15-0.45	SE130614.013	LB062562	11 Aug 2014	18 Aug 2014	25 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH7 1.4-1.7	SE130614.014	LB062562	11 Aug 2014	18 Aug 2014	25 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH8 0.2-0.4	SE130614.015	LB062562	14 Aug 2014	18 Aug 2014	28 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH9 0.2-0.5	SE130614.016	LB062562	14 Aug 2014	18 Aug 2014	28 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH9 2.0-2.3	SE130614.017	LB062563	14 Aug 2014	18 Aug 2014	28 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH9 2.55-2.65	SE130614.018	LB062563	14 Aug 2014	18 Aug 2014	28 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH10 0.23-0.5	SE130614.019	LB062563	12 Aug 2014	18 Aug 2014	26 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
BH10 0.55-0.65	SE130614.020	LB062563	12 Aug 2014	18 Aug 2014	26 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
Duplicate D2	SE130614.021	LB062563	13 Aug 2014	18 Aug 2014	27 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014

VOC's in Soil

Method: ME-(AU)-[ENV]AN433/AN434

Sample Name	Sample No.	QC Ref	Sampled	Received	Extraction Due	Extracted	Analysis Due	Analysed
BH2 0.5-0.8	SE130614.004	LB062558	11 Aug 2014	18 Aug 2014	25 Aug 2014	19 Aug 2014	28 Sep 2014	22 Aug 2014
BH2 4.5-4.8	SE130614.005	LB062558	11 Aug 2014	18 Aug 2014	25 Aug 2014	19 Aug 2014	28 Sep 2014	22 Aug 2014
BH2 5.1-5.25	SE130614.006	LB062558	11 Aug 2014	18 Aug 2014	25 Aug 2014	19 Aug 2014	28 Sep 2014	22 Aug 2014
BH3 1.5-1.8	SE130614.008	LB062558	12 Aug 2014	18 Aug 2014	26 Aug 2014	19 Aug 2014	28 Sep 2014	22 Aug 2014
BH5 0.1-0.4	SE130614.010	LB062558	13 Aug 2014	18 Aug 2014	27 Aug 2014	19 Aug 2014	28 Sep 2014	22 Aug 2014
BH5 0.6-0.7	SE130614.011	LB062558	13 Aug 2014	18 Aug 2014	27 Aug 2014	19 Aug 2014	28 Sep 2014	22 Aug 2014

SGS holding time criteria are drawn from current regulations and are highly dependent on sample container preservation as specified in the SGS "Field Sampling Guide for Containers and Holding Time" (ref: GU-(AU)-ENV.001). Soil samples guidelines are derived from NEPM "Schedule B(3) Guideline on Laboratory Analysis of Potentially Contaminated Soils". Water sample guidelines are derived from "AS/NZS 5667.1 : 1998 Water Quality - sampling part 1" and APHA "Standard Methods for the Examination of Water and Wastewater" 21st edition 2005.

Extraction and analysis holding time due dates listed are calculated from the date sampled, although holding times may be extended after laboratory extraction for some analytes. The due dates are the suggested dates that samples may be held before extraction or analysis and still be considered valid.

Extraction and analysis dates are shown in **Green** when within suggested criteria or **Red** with an appended dagger symbol (†) when outside suggested criteria. If the sampled date is not supplied then compliance with criteria cannot be determined. If the received date is after one or both due dates then holding time will fail by default.

VOC's in Soil (continued)

Method: ME-(AU)-[ENV]AN433/AN434

Sample Name	Sample No.	QC Ref	Sampled	Received	Extraction Due	Extracted	Analysis Due	Analysed
BH9 0.2-0.5	SE130614.016	LB062558	14 Aug 2014	18 Aug 2014	28 Aug 2014	19 Aug 2014	28 Sep 2014	22 Aug 2014
BH9 2.0-2.3	SE130614.017	LB062558	14 Aug 2014	18 Aug 2014	28 Aug 2014	19 Aug 2014	28 Sep 2014	22 Aug 2014
BH9 2.55-2.65	SE130614.018	LB062558	14 Aug 2014	18 Aug 2014	28 Aug 2014	19 Aug 2014	28 Sep 2014	22 Aug 2014
BH10 0.23-0.5	SE130614.019	LB062558	12 Aug 2014	18 Aug 2014	26 Aug 2014	19 Aug 2014	28 Sep 2014	22 Aug 2014
BH10 0.55-0.65	SE130614.020	LB062558	12 Aug 2014	18 Aug 2014	26 Aug 2014	19 Aug 2014	28 Sep 2014	22 Aug 2014
Duplicate D2	SE130614.021	LB062558	13 Aug 2014	18 Aug 2014	27 Aug 2014	19 Aug 2014	28 Sep 2014	22 Aug 2014
Trip Spike TS1	SE130614.022	LB062558	12 Aug 2014	18 Aug 2014	26 Aug 2014	19 Aug 2014	28 Sep 2014	22 Aug 2014
Trip Spike TS2	SE130614.023	LB062558	14 Aug 2014	18 Aug 2014	28 Aug 2014	19 Aug 2014	28 Sep 2014	22 Aug 2014

Volatile Petroleum Hydrocarbons in Soil

Method: ME-(AU)-[ENV]AN433/AN434/AN410

Sample Name	Sample No.	QC Ref	Sampled	Received	Extraction Due	Extracted	Analysis Due	Analysed
BH2 0.5-0.8	SE130614.004	LB062558	11 Aug 2014	18 Aug 2014	25 Aug 2014	19 Aug 2014	28 Sep 2014	22 Aug 2014
BH2 4.5-4.8	SE130614.005	LB062558	11 Aug 2014	18 Aug 2014	25 Aug 2014	19 Aug 2014	28 Sep 2014	22 Aug 2014
BH2 5.1-5.25	SE130614.006	LB062558	11 Aug 2014	18 Aug 2014	25 Aug 2014	19 Aug 2014	28 Sep 2014	22 Aug 2014
BH3 1.5-1.8	SE130614.008	LB062558	12 Aug 2014	18 Aug 2014	26 Aug 2014	19 Aug 2014	28 Sep 2014	22 Aug 2014
BH5 0.1-0.4	SE130614.010	LB062558	13 Aug 2014	18 Aug 2014	27 Aug 2014	19 Aug 2014	28 Sep 2014	22 Aug 2014
BH5 0.6-0.7	SE130614.011	LB062558	13 Aug 2014	18 Aug 2014	27 Aug 2014	19 Aug 2014	28 Sep 2014	22 Aug 2014
BH9 0.2-0.5	SE130614.016	LB062558	14 Aug 2014	18 Aug 2014	28 Aug 2014	19 Aug 2014	28 Sep 2014	22 Aug 2014
BH9 2.0-2.3	SE130614.017	LB062558	14 Aug 2014	18 Aug 2014	28 Aug 2014	19 Aug 2014	28 Sep 2014	22 Aug 2014
BH9 2.55-2.65	SE130614.018	LB062558	14 Aug 2014	18 Aug 2014	28 Aug 2014	19 Aug 2014	28 Sep 2014	22 Aug 2014
BH10 0.23-0.5	SE130614.019	LB062558	12 Aug 2014	18 Aug 2014	26 Aug 2014	19 Aug 2014	28 Sep 2014	22 Aug 2014
BH10 0.55-0.65	SE130614.020	LB062558	12 Aug 2014	18 Aug 2014	26 Aug 2014	19 Aug 2014	28 Sep 2014	22 Aug 2014
Duplicate D2	SE130614.021	LB062558	13 Aug 2014	18 Aug 2014	27 Aug 2014	19 Aug 2014	28 Sep 2014	22 Aug 2014
Trip Spike TS1	SE130614.022	LB062558	12 Aug 2014	18 Aug 2014	26 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014
Trip Spike TS2	SE130614.023	LB062558	14 Aug 2014	18 Aug 2014	28 Aug 2014	19 Aug 2014	28 Sep 2014	25 Aug 2014

Surrogate results are evaluated against upper and lower limit criteria established in the SGS QA/QC plan (Ref: MP-(AU)-[ENV]QU-022). At least two of three routine level soil sample surrogate spike recoveries for BTEX/VOC are to be within 70-130% where control charts have not been developed and within the established control limits for charted surrogates. Matrix effects may void this as an acceptance criterion. Water sample surrogate spike recoveries are to be within 40-130%. The presence of emulsions, surfactants and particulates may void this as an acceptance criterion.

Result is shown in **Green** when within suggested criteria or **Red** with an appended reason identifier when outside suggested criteria. Refer to the footnotes section at the end of this report for failure reasons.

OC Pesticides In Soil

Method: ME-(AU)-[ENV]AN400/AN420

Parameter	Sample Name	Sample Number	Units	Criteria	Recovery %
Tetrachloro-m-xylene (TCMX) (Surrogate)	BH1 1.5-1.8	SE130614.001	%	60 - 130%	107
	BH1 3.15-3.25	SE130614.002	%	60 - 130%	106
	BH2 0.0-1.5	SE130614.003	%	60 - 130%	105
	BH2 0.5-0.8	SE130614.004	%	60 - 130%	109
	BH2 4.5-4.8	SE130614.005	%	60 - 130%	111
	BH2 5.1-5.25	SE130614.006	%	60 - 130%	111
	BH3 0.0-1	SE130614.007	%	60 - 130%	105
	BH3 1.5-1.8	SE130614.008	%	60 - 130%	107
	BH4 0.0-1.5	SE130614.009	%	60 - 130%	109
	BH5 0.1-0.4	SE130614.010	%	60 - 130%	111
	BH5 0.6-0.7	SE130614.011	%	60 - 130%	107
	BH6 0.6-0.7	SE130614.012	%	60 - 130%	105
	BH7 0.15-0.45	SE130614.013	%	60 - 130%	105
	BH7 1.4-1.7	SE130614.014	%	60 - 130%	107
	BH8 0.2-0.4	SE130614.015	%	60 - 130%	109
	BH9 0.2-0.5	SE130614.016	%	60 - 130%	109
	BH9 2.0-2.3	SE130614.017	%	60 - 130%	111
	BH9 2.55-2.65	SE130614.018	%	60 - 130%	110
	BH10 0.23-0.5	SE130614.019	%	60 - 130%	107
	BH10 0.55-0.65	SE130614.020	%	60 - 130%	103
	Duplicate D2	SE130614.021	%	60 - 130%	99

PAH (Polynuclear Aromatic Hydrocarbons) In Soil

Method: ME-(AU)-[ENV]AN420

Parameter	Sample Name	Sample Number	Units	Criteria	Recovery %
2-fluorobiphenyl (Surrogate)	BH1 1.5-1.8	SE130614.001	%	60 - 130%	84
	BH1 3.15-3.25	SE130614.002	%	60 - 130%	84
	BH2 0.0-1.5	SE130614.003	%	60 - 130%	90
	BH2 0.5-0.8	SE130614.004	%	60 - 130%	88
	BH2 4.5-4.8	SE130614.005	%	60 - 130%	88
	BH2 5.1-5.25	SE130614.006	%	60 - 130%	86
	BH3 0.0-1	SE130614.007	%	60 - 130%	88
	BH3 1.5-1.8	SE130614.008	%	60 - 130%	84
	BH4 0.0-1.5	SE130614.009	%	60 - 130%	88
	BH5 0.1-0.4	SE130614.010	%	60 - 130%	86
	BH5 0.6-0.7	SE130614.011	%	60 - 130%	80
	BH6 0.6-0.7	SE130614.012	%	60 - 130%	84
	BH7 0.15-0.45	SE130614.013	%	60 - 130%	86
	BH7 1.4-1.7	SE130614.014	%	60 - 130%	82
	BH8 0.2-0.4	SE130614.015	%	60 - 130%	84
	BH9 0.2-0.5	SE130614.016	%	60 - 130%	86
	BH9 2.0-2.3	SE130614.017	%	60 - 130%	88
	BH9 2.55-2.65	SE130614.018	%	60 - 130%	86
	BH10 0.23-0.5	SE130614.019	%	60 - 130%	82
	BH10 0.55-0.65	SE130614.020	%	60 - 130%	80
	Duplicate D2	SE130614.021	%	60 - 130%	86
d14-p-terphenyl (Surrogate)	BH1 1.5-1.8	SE130614.001	%	60 - 130%	94
	BH1 3.15-3.25	SE130614.002	%	60 - 130%	94
	BH2 0.0-1.5	SE130614.003	%	60 - 130%	100
	BH2 0.5-0.8	SE130614.004	%	60 - 130%	96
	BH2 4.5-4.8	SE130614.005	%	60 - 130%	94
	BH2 5.1-5.25	SE130614.006	%	60 - 130%	98
	BH3 0.0-1	SE130614.007	%	60 - 130%	98
	BH3 1.5-1.8	SE130614.008	%	60 - 130%	94
	BH4 0.0-1.5	SE130614.009	%	60 - 130%	96
	BH5 0.1-0.4	SE130614.010	%	60 - 130%	96
	BH5 0.6-0.7	SE130614.011	%	60 - 130%	90
	BH6 0.6-0.7	SE130614.012	%	60 - 130%	96
	BH7 0.15-0.45	SE130614.013	%	60 - 130%	98
	BH7 1.4-1.7	SE130614.014	%	60 - 130%	92
	BH8 0.2-0.4	SE130614.015	%	60 - 130%	92
	BH9 0.2-0.5	SE130614.016	%	60 - 130%	100

Surrogate results are evaluated against upper and lower limit criteria established in the SGS QA/QC plan (Ref: MP-(AU)-[ENV]QU-022). At least two of three routine level soil sample surrogate spike recoveries for BTEX/VOC are to be within 70-130% where control charts have not been developed and within the established control limits for charted surrogates. Matrix effects may void this as an acceptance criterion. Water sample surrogate spike recoveries are to be within 40-130%. The presence of emulsions, surfactants and particulates may void this as an acceptance criterion.

Result is shown in **Green** when within suggested criteria or **Red** with an appended reason identifier when outside suggested criteria. Refer to the footnotes section at the end of this report for failure reasons.

PAH (Polynuclear Aromatic Hydrocarbons) in Soil (continued)

Method: ME-(AU)-[ENV]AN420

Parameter	Sample Name	Sample Number	Units	Criteria	Recovery %
d14-p-terphenyl (Surrogate)	BH9 2.0-2.3	SE130614.017	%	60 - 130%	98
	BH9 2.55-2.65	SE130614.018	%	60 - 130%	98
	BH10 0.23-0.5	SE130614.019	%	60 - 130%	96
	BH10 0.55-0.65	SE130614.020	%	60 - 130%	96
	Duplicate D2	SE130614.021	%	60 - 130%	94
d5-nitrobenzene (Surrogate)	BH1 1.5-1.8	SE130614.001	%	60 - 130%	86
	BH1 3.15-3.25	SE130614.002	%	60 - 130%	86
	BH2 0-0.15	SE130614.003	%	60 - 130%	92
	BH2 0.5-0.8	SE130614.004	%	60 - 130%	90
	BH2 4.5-4.8	SE130614.005	%	60 - 130%	90
	BH2 5.1-5.25	SE130614.006	%	60 - 130%	92
	BH3 0-0.1	SE130614.007	%	60 - 130%	92
	BH3 1.5-1.8	SE130614.008	%	60 - 130%	86
	BH4 0-0.15	SE130614.009	%	60 - 130%	88
	BH5 0.1-0.4	SE130614.010	%	60 - 130%	92
	BH5 0.6-0.7	SE130614.011	%	60 - 130%	86
	BH6 0.6-0.7	SE130614.012	%	60 - 130%	86
	BH7 0.15-0.45	SE130614.013	%	60 - 130%	86
	BH7 1.4-1.7	SE130614.014	%	60 - 130%	86
	BH8 0.2-0.4	SE130614.015	%	60 - 130%	86
	BH9 0.2-0.5	SE130614.016	%	60 - 130%	88
	BH9 2.0-2.3	SE130614.017	%	60 - 130%	90
	BH9 2.55-2.65	SE130614.018	%	60 - 130%	90
	BH10 0.23-0.5	SE130614.019	%	60 - 130%	88
	BH10 0.55-0.65	SE130614.020	%	60 - 130%	84
	Duplicate D2	SE130614.021	%	60 - 130%	88

PCBs in Soil

Method: ME-(AU)-[ENV]AN400/AN420

Parameter	Sample Name	Sample Number	Units	Criteria	Recovery %
Tetrachloro-m-xylene (TCMX) (Surrogate)	BH2 0.5-0.8	SE130614.004	%	60 - 130%	109
	BH2 4.5-4.8	SE130614.005	%	60 - 130%	111
	BH2 5.1-5.25	SE130614.006	%	60 - 130%	111
	BH3 1.5-1.8	SE130614.008	%	60 - 130%	107
	BH5 0.1-0.4	SE130614.010	%	60 - 130%	111
	BH5 0.6-0.7	SE130614.011	%	60 - 130%	107
	BH9 0.2-0.5	SE130614.016	%	60 - 130%	109
	BH9 2.0-2.3	SE130614.017	%	60 - 130%	111
	BH9 2.55-2.65	SE130614.018	%	60 - 130%	110
	BH10 0.23-0.5	SE130614.019	%	60 - 130%	107
	BH10 0.55-0.65	SE130614.020	%	60 - 130%	103
	Duplicate D2	SE130614.021	%	60 - 130%	99

VOC's in Soil

Method: ME-(AU)-[ENV]AN433/AN434

Parameter	Sample Name	Sample Number	Units	Criteria	Recovery %
Bromofluorobenzene (Surrogate)	BH2 0.5-0.8	SE130614.004	%	60 - 130%	108
	BH2 4.5-4.8	SE130614.005	%	60 - 130%	122
	BH2 5.1-5.25	SE130614.006	%	60 - 130%	104
	BH3 1.5-1.8	SE130614.008	%	60 - 130%	114
	BH5 0.1-0.4	SE130614.010	%	60 - 130%	114
	BH5 0.6-0.7	SE130614.011	%	60 - 130%	114
	BH9 0.2-0.5	SE130614.016	%	60 - 130%	119
	BH9 2.0-2.3	SE130614.017	%	60 - 130%	100
	BH9 2.55-2.65	SE130614.018	%	60 - 130%	90
	BH10 0.23-0.5	SE130614.019	%	60 - 130%	116
	BH10 0.55-0.65	SE130614.020	%	60 - 130%	116
	Duplicate D2	SE130614.021	%	60 - 130%	118
	Trip Spike TS1	SE130614.022	%	60 - 130%	116
	Trip Spike TS2	SE130614.023	%	60 - 130%	110
d4-1,2-dichloroethane (Surrogate)	BH2 0.5-0.8	SE130614.004	%	60 - 130%	79
	BH2 4.5-4.8	SE130614.005	%	60 - 130%	93
	BH2 5.1-5.25	SE130614.006	%	60 - 130%	96
	BH3 1.5-1.8	SE130614.008	%	60 - 130%	114

Surrogate results are evaluated against upper and lower limit criteria established in the SGS QA/QC plan (Ref: MP-(AU)-[ENV]QU-022). At least two of three routine level soil sample surrogate spike recoveries for BTEX/VOC are to be within 70-130% where control charts have not been developed and within the established control limits for charted surrogates. Matrix effects may void this as an acceptance criterion. Water sample surrogate spike recoveries are to be within 40-130%. The presence of emulsions, surfactants and particulates may void this as an acceptance criterion.

Result is shown in **Green** when within suggested criteria or **Red** with an appended reason identifier when outside suggested criteria. Refer to the footnotes section at the end of this report for failure reasons.

VOC's in Soil (continued)

Method: ME-(AU)-[ENV]AN433/AN434

Parameter	Sample Name	Sample Number	Units	Criteria	Recovery %
d4-1,2-dichloroethane (Surrogate)	BH5 0.1-0.4	SE130614.010	%	60 - 130%	114
	BH5 0.6-0.7	SE130614.011	%	60 - 130%	114
	BH9 0.2-0.5	SE130614.016	%	60 - 130%	119
	BH9 2.0-2.3	SE130614.017	%	60 - 130%	97
	BH9 2.55-2.65	SE130614.018	%	60 - 130%	104
	BH10 0.23-0.5	SE130614.019	%	60 - 130%	107
	BH10 0.55-0.65	SE130614.020	%	60 - 130%	115
	Duplicate D2	SE130614.021	%	60 - 130%	108
	Trip Spike TS1	SE130614.022	%	60 - 130%	117
	Trip Spike TS2	SE130614.023	%	60 - 130%	106
d8-toluene (Surrogate)	BH2 0.5-0.8	SE130614.004	%	60 - 130%	110
	BH2 4.5-4.8	SE130614.005	%	60 - 130%	117
	BH2 5.1-5.25	SE130614.006	%	60 - 130%	99
	BH3 1.5-1.8	SE130614.008	%	60 - 130%	115
	BH5 0.1-0.4	SE130614.010	%	60 - 130%	116
	BH5 0.6-0.7	SE130614.011	%	60 - 130%	119
	BH9 0.2-0.5	SE130614.016	%	60 - 130%	119
	BH9 2.0-2.3	SE130614.017	%	60 - 130%	96
	BH9 2.55-2.65	SE130614.018	%	60 - 130%	90
	BH10 0.23-0.5	SE130614.019	%	60 - 130%	111
	BH10 0.55-0.65	SE130614.020	%	60 - 130%	118
	Duplicate D2	SE130614.021	%	60 - 130%	105
	Trip Spike TS1	SE130614.022	%	60 - 130%	123
	Trip Spike TS2	SE130614.023	%	60 - 130%	100
Dibromofluoromethane (Surrogate)	BH2 0.5-0.8	SE130614.004	%	60 - 130%	89
	BH2 4.5-4.8	SE130614.005	%	60 - 130%	101
	BH2 5.1-5.25	SE130614.006	%	60 - 130%	107
	BH3 1.5-1.8	SE130614.008	%	60 - 130%	124
	BH5 0.1-0.4	SE130614.010	%	60 - 130%	122
	BH5 0.6-0.7	SE130614.011	%	60 - 130%	120
	BH9 0.2-0.5	SE130614.016	%	60 - 130%	127
	BH9 2.0-2.3	SE130614.017	%	60 - 130%	104
	BH9 2.55-2.65	SE130614.018	%	60 - 130%	108
	BH10 0.23-0.5	SE130614.019	%	60 - 130%	113
	BH10 0.55-0.65	SE130614.020	%	60 - 130%	114
	Duplicate D2	SE130614.021	%	60 - 130%	115
	Trip Spike TS1	SE130614.022	%	60 - 130%	122
	Trip Spike TS2	SE130614.023	%	60 - 130%	110

Volatile Petroleum Hydrocarbons in Soil

Method: ME-(AU)-[ENV]AN433/AN434/AN410

Parameter	Sample Name	Sample Number	Units	Criteria	Recovery %
Bromofluorobenzene (Surrogate)	BH2 0.5-0.8	SE130614.004	%	60 - 130%	108
	BH2 4.5-4.8	SE130614.005	%	60 - 130%	122
	BH2 5.1-5.25	SE130614.006	%	60 - 130%	104
	BH3 1.5-1.8	SE130614.008	%	60 - 130%	114
	BH5 0.1-0.4	SE130614.010	%	60 - 130%	114
	BH5 0.6-0.7	SE130614.011	%	60 - 130%	114
	BH9 0.2-0.5	SE130614.016	%	60 - 130%	119
	BH9 2.0-2.3	SE130614.017	%	60 - 130%	100
	BH9 2.55-2.65	SE130614.018	%	60 - 130%	90
	BH10 0.23-0.5	SE130614.019	%	60 - 130%	116
	BH10 0.55-0.65	SE130614.020	%	60 - 130%	116
	Duplicate D2	SE130614.021	%	60 - 130%	118
d4-1,2-dichloroethane (Surrogate)	BH2 0.5-0.8	SE130614.004	%	60 - 130%	79
	BH2 4.5-4.8	SE130614.005	%	60 - 130%	93
	BH2 5.1-5.25	SE130614.006	%	60 - 130%	96
	BH3 1.5-1.8	SE130614.008	%	60 - 130%	114
	BH5 0.1-0.4	SE130614.010	%	60 - 130%	114
	BH5 0.6-0.7	SE130614.011	%	60 - 130%	114
	BH9 0.2-0.5	SE130614.016	%	60 - 130%	119
	BH9 2.0-2.3	SE130614.017	%	60 - 130%	97

Surrogate results are evaluated against upper and lower limit criteria established in the SGS QA/QC plan (Ref: MP-(AU)-[ENV]QU-022). At least two of three routine level soil sample surrogate spike recoveries for BTEX/VOC are to be within 70-130% where control charts have not been developed and within the established control limits for charted surrogates. Matrix effects may void this as an acceptance criterion. Water sample surrogate spike recoveries are to be within 40-130%. The presence of emulsions, surfactants and particulates may void this as an acceptance criterion.

Result is shown in **Green** when within suggested criteria or **Red** with an appended reason identifier when outside suggested criteria. Refer to the footnotes section at the end of this report for failure reasons.

Volatile Petroleum Hydrocarbons In Soil (continued)

Method: ME-(AU)-[ENV]AN433/AN434/AN410

Parameter	Sample Name	Sample Number	Units	Criteria	Recovery %
d4-1,2-dichloroethane (Surrogate)	BH9 2.55-2.65	SE130614.018	%	60 - 130%	104
	BH10 0.23-0.5	SE130614.019	%	60 - 130%	107
	BH10 0.55-0.65	SE130614.020	%	60 - 130%	115
	Duplicate D2	SE130614.021	%	60 - 130%	108
d8-toluene (Surrogate)	BH2 0.5-0.8	SE130614.004	%	60 - 130%	110
	BH2 4.5-4.8	SE130614.005	%	60 - 130%	117
	BH2 5.1-5.25	SE130614.006	%	60 - 130%	99
	BH3 1.5-1.8	SE130614.008	%	60 - 130%	115
	BH5 0.1-0.4	SE130614.010	%	60 - 130%	116
	BH5 0.6-0.7	SE130614.011	%	60 - 130%	119
	BH9 0.2-0.5	SE130614.016	%	60 - 130%	119
	BH9 2.0-2.3	SE130614.017	%	60 - 130%	96
	BH9 2.55-2.65	SE130614.018	%	60 - 130%	90
	BH10 0.23-0.5	SE130614.019	%	60 - 130%	111
	BH10 0.55-0.65	SE130614.020	%	60 - 130%	118
	Duplicate D2	SE130614.021	%	60 - 130%	105
	BH2 0.5-0.8	SE130614.004	%	60 - 130%	89
	BH2 4.5-4.8	SE130614.005	%	60 - 130%	101
Dibromofluoromethane (Surrogate)	BH2 5.1-5.25	SE130614.006	%	60 - 130%	107
	BH3 1.5-1.8	SE130614.008	%	60 - 130%	124
	BH5 0.1-0.4	SE130614.010	%	60 - 130%	122
	BH5 0.6-0.7	SE130614.011	%	60 - 130%	120
	BH9 0.2-0.5	SE130614.016	%	60 - 130%	127
	BH9 2.0-2.3	SE130614.017	%	60 - 130%	104
	BH9 2.55-2.65	SE130614.018	%	60 - 130%	108
	BH10 0.23-0.5	SE130614.019	%	60 - 130%	113
	BH10 0.55-0.65	SE130614.020	%	60 - 130%	114
	Duplicate D2	SE130614.021	%	60 - 130%	115

Blank results are evaluated against the limit of reporting (LOR), for the chosen method and its associated instrumentation, typically 2.5 times the statistically determined method detection limit (MDL).

Result is shown in **Green** when within suggested criteria or **Red** with an appended dagger symbol (†) when outside suggested criteria.

Exchangeable Cations and Cation Exchange Capacity (CEC/ESP/SAR)

Method: ME-(AU)-[ENV]AN122

Sample Number	Parameter	Units	LOR
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Mercury (dissolved) in Water

Method: ME-(AU)-[ENV]AN311/AN312

Sample Number	Parameter	Units	LOR	Result
LB062755.001	Mercury	mg/L	0.0001	<0.0001

Mercury in Soil

Method: ME-(AU)-[ENV]AN312

Sample Number	Parameter	Units	LOR	Result
LB062739.001	Mercury	mg/kg	0.01	<0.01
LB062741.001	Mercury	mg/kg	0.01	<0.01

Metals in Water (Dissolved) by ICPOES

Method: ME-(AU)-[ENV]AN320/AN321

Sample Number	Parameter	Units	LOR	Result
LB062600.001	Arsenic, As	mg/L	0.02	<0.02
	Cadmium, Cd	mg/L	0.001	<0.001
	Chromium, Cr	mg/L	0.005	<0.005
	Copper, Cu	mg/L	0.005	<0.005
	Lead, Pb	mg/L	0.02	<0.02
	Nickel, Ni	mg/L	0.005	<0.005
	Zinc, Zn	mg/L	0.01	<0.01

OC Pesticides in Soil

Method: ME-(AU)-[ENV]AN400/AN420

Sample Number	Parameter	Units	LOR	Result
LB062562.001	Hexachlorobenzene (HCB)	mg/kg	0.1	<0.1
	Alpha BHC	mg/kg	0.1	<0.1
	Lindane	mg/kg	0.1	<0.1
	Heptachlor	mg/kg	0.1	<0.1
	Aldrin	mg/kg	0.1	<0.1
	Beta BHC	mg/kg	0.1	<0.1
	Delta BHC	mg/kg	0.1	<0.1
	Heptachlor epoxide	mg/kg	0.1	<0.1
	Alpha Endosulfan	mg/kg	0.2	<0.2
	Gamma Chlordane	mg/kg	0.1	<0.1
	Alpha Chlordane	mg/kg	0.1	<0.1
	p,p'-DDE	mg/kg	0.1	<0.1
	Dieldrin	mg/kg	0.05	<0.05
	Endrin	mg/kg	0.2	<0.2
	Beta Endosulfan	mg/kg	0.2	<0.2
	p,p'-DDD	mg/kg	0.1	<0.1
	p,p'-DDT	mg/kg	0.1	<0.1
	Endosulfan sulphate	mg/kg	0.1	<0.1
	Endrin Aldehyde	mg/kg	0.1	<0.1
	Methoxychlor	mg/kg	0.1	<0.1
	Endrin Ketone	mg/kg	0.1	<0.1
	Isodrin	mg/kg	0.1	<0.1
	Mirex	mg/kg	0.1	<0.1
LB062563.001	Surrogates	Tetrachloro-m-xylene (TCMX) (Surrogate)	%	-
				101
LB062563.001	Hexachlorobenzene (HCB)	mg/kg	0.1	<0.1
	Alpha BHC	mg/kg	0.1	<0.1
	Lindane	mg/kg	0.1	<0.1
	Heptachlor	mg/kg	0.1	<0.1
	Aldrin	mg/kg	0.1	<0.1
	Beta BHC	mg/kg	0.1	<0.1
	Delta BHC	mg/kg	0.1	<0.1
	Heptachlor epoxide	mg/kg	0.1	<0.1
	Alpha Endosulfan	mg/kg	0.2	<0.2
	Gamma Chlordane	mg/kg	0.1	<0.1
	Alpha Chlordane	mg/kg	0.1	<0.1

Blank results are evaluated against the limit of reporting (LOR), for the chosen method and its associated instrumentation, typically 2.5 times the statistically determined method detection limit (MDL).

Result is shown in **Green** when within suggested criteria or **Red** with an appended dagger symbol (†) when outside suggested criteria.

OC Pesticides in Soil (continued)

Method: ME-(AU)-[ENV]AN400/AN420

Sample Number	Parameter	Units	LOR	Result
LB062563.001	p,p'-DDE	mg/kg	0.1	<0.1
	Dieldrin	mg/kg	0.05	<0.05
	Endrin	mg/kg	0.2	<0.2
	Beta Endosulfan	mg/kg	0.2	<0.2
	p,p'-DDD	mg/kg	0.1	<0.1
	p,p'-DDT	mg/kg	0.1	<0.1
	Endosulfan sulphate	mg/kg	0.1	<0.1
	Endrin Aldehyde	mg/kg	0.1	<0.1
	Methoxychlor	mg/kg	0.1	<0.1
	Endrin Ketone	mg/kg	0.1	<0.1
	Isodrin	mg/kg	0.1	<0.1
	Mirex	mg/kg	0.1	<0.1
	Surrogates	Tetrachloro-m-xylene (TCMX) (Surrogate)	%	103

PAH (Polynuclear Aromatic Hydrocarbons) in Soil

Method: ME-(AU)-[ENV]AN420

Sample Number	Parameter	Units	LOR	Result
LB062562.001	Naphthalene	mg/kg	0.1	<0.1
	2-methylnaphthalene	mg/kg	0.1	<0.1
	1-methylnaphthalene	mg/kg	0.1	<0.1
	Acenaphthylene	mg/kg	0.1	<0.1
	Acenaphthene	mg/kg	0.1	<0.1
	Fluorene	mg/kg	0.1	<0.1
	Phenanthrene	mg/kg	0.1	<0.1
	Anthracene	mg/kg	0.1	<0.1
	Fluoranthene	mg/kg	0.1	<0.1
	Pyrene	mg/kg	0.1	<0.1
	Benzo(a)anthracene	mg/kg	0.1	<0.1
	Chrysene	mg/kg	0.1	<0.1
	Benzo(b&j&k)fluoranthene	mg/kg	0.2	<0.2
	Benzo(a)pyrene	mg/kg	0.1	<0.1
	Indeno(1,2,3-cd)pyrene	mg/kg	0.1	<0.1
	Dibenzo(a&h)anthracene	mg/kg	0.1	<0.1
	Benzo(ghi)perylene	mg/kg	0.1	<0.1
	Total PAH	mg/kg	0.8	<0.8
	Surrogates	d5-nitrobenzene (Surrogate)	%	102
LB062563.001		2-fluorobiphenyl (Surrogate)	%	96
		d14-p-terphenyl (Surrogate)	%	102
	Naphthalene	mg/kg	0.1	<0.1
	2-methylnaphthalene	mg/kg	0.1	<0.1
	1-methylnaphthalene	mg/kg	0.1	<0.1
	Acenaphthylene	mg/kg	0.1	<0.1
	Acenaphthene	mg/kg	0.1	<0.1
	Fluorene	mg/kg	0.1	<0.1
	Phenanthrene	mg/kg	0.1	<0.1
	Anthracene	mg/kg	0.1	<0.1
	Fluoranthene	mg/kg	0.1	<0.1
	Pyrene	mg/kg	0.1	<0.1
	Benzo(a)anthracene	mg/kg	0.1	<0.1
	Chrysene	mg/kg	0.1	<0.1
	Benzo(b&j&k)fluoranthene	mg/kg	0.2	<0.2
	Benzo(a)pyrene	mg/kg	0.1	<0.1
	Indeno(1,2,3-cd)pyrene	mg/kg	0.1	<0.1
	Dibenzo(a&h)anthracene	mg/kg	0.1	<0.1
	Benzo(ghi)perylene	mg/kg	0.1	<0.1
	Total PAH	mg/kg	0.8	<0.8
	Surrogates	d5-nitrobenzene (Surrogate)	%	86
		2-fluorobiphenyl (Surrogate)	%	80
		d14-p-terphenyl (Surrogate)	%	90

PCBs in Soil

Method: ME-(AU)-[ENV]AN400/AN420

Sample Number	Parameter	Units	LOR
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Blank results are evaluated against the limit of reporting (LOR), for the chosen method and its associated instrumentation, typically 2.5 times the statistically determined method detection limit (MDL).

Result is shown in **Green** when within suggested criteria or **Red** with an appended dagger symbol (†) when outside suggested criteria.

PCBs in Soil (continued)

Method: ME-(AU)-[ENV]AN400/AN420

Sample Number	Parameter	Units	LOR	Result
LB062562.001	Arochlor 1016	mg/kg	0.2	<0.2
	Arochlor 1221	mg/kg	0.2	<0.2
	Arochlor 1232	mg/kg	0.2	<0.2
	Arochlor 1242	mg/kg	0.2	<0.2
	Arochlor 1248	mg/kg	0.2	<0.2
	Arochlor 1254	mg/kg	0.2	<0.2
	Arochlor 1260	mg/kg	0.2	<0.2
	Arochlor 1262	mg/kg	0.2	<0.2
	Arochlor 1268	mg/kg	0.2	<0.2
	Total PCBs (Arochlors)	mg/kg	1	<1
Surrogates	Tetrachloro-m-xylene (TCMX) (Surrogate)	%	-	101
LB062563.001	Arochlor 1016	mg/kg	0.2	<0.2
	Arochlor 1221	mg/kg	0.2	<0.2
	Arochlor 1232	mg/kg	0.2	<0.2
	Arochlor 1242	mg/kg	0.2	<0.2
	Arochlor 1248	mg/kg	0.2	<0.2
	Arochlor 1254	mg/kg	0.2	<0.2
	Arochlor 1260	mg/kg	0.2	<0.2
	Arochlor 1262	mg/kg	0.2	<0.2
	Arochlor 1268	mg/kg	0.2	<0.2
	Total PCBs (Arochlors)	mg/kg	1	<1
Surrogates	Tetrachloro-m-xylene (TCMX) (Surrogate)	%	-	103

Total Cyanide in soil by Discrete Analyser (Aquakem)

Method: ME-(AU)-[ENV]AN077/AN287

Sample Number	Parameter	Units	LOR	Result
LB062764.001	Total Cyanide	mg/kg	0.1	<0.1

Total Phenolics in Soil

Method: ME-(AU)-[ENV]AN289

Sample Number	Parameter	Units	LOR	Result
LB062763.001	Total Phenols	mg/kg	0.1	<0.1
LB062835.001	Total Phenols	mg/kg	0.1	<0.1

Total Recoverable Metals in Soil by ICPOES from EPA 200.8 Digest

Method: ME-(AU)-[ENV]AN040/AN320

Sample Number	Parameter	Units	LOR	Result
LB062732.001	Arsenic, As	mg/kg	3	<3
	Cadmium, Cd	mg/kg	0.3	<0.3
	Chromium, Cr	mg/kg	0.3	<0.3
	Copper, Cu	mg/kg	0.5	<0.5
	Lead, Pb	mg/kg	1	<1
	Nickel, Ni	mg/kg	0.5	<0.5
	Zinc, Zn	mg/kg	0.5	<0.5
LB062733.001	Arsenic, As	mg/kg	3	<3
	Cadmium, Cd	mg/kg	0.3	<0.3
	Chromium, Cr	mg/kg	0.3	<0.3
	Copper, Cu	mg/kg	0.5	<0.5
	Lead, Pb	mg/kg	1	<1
	Nickel, Ni	mg/kg	0.5	<0.5
	Zinc, Zn	mg/kg	0.5	<0.5

TRH (Total Recoverable Hydrocarbons) in Soil

Method: ME-(AU)-[ENV]AN403

Sample Number	Parameter	Units	LOR	Result
LB062562.001	TRH C10-C14	mg/kg	20	<20
	TRH C15-C28	mg/kg	45	<45
	TRH C29-C36	mg/kg	45	<45
	TRH C37-C40	mg/kg	100	<100
	TRH C10-C36 Total	mg/kg	110	<110
LB062563.001	TRH C10-C14	mg/kg	20	<20
	TRH C15-C28	mg/kg	45	<45
	TRH C29-C36	mg/kg	45	<45
	TRH C37-C40	mg/kg	100	<100

Blank results are evaluated against the limit of reporting (LOR), for the chosen method and its associated instrumentation, typically 2.5 times the statistically determined method detection limit (MDL).

Result is shown in **Green** when within suggested criteria or **Red** with an appended dagger symbol (†) when outside suggested criteria.

TRH (Total Recoverable Hydrocarbons) in Soil (continued)

Method: ME-(AU)-[ENV]AN403

Sample Number	Parameter	Units	LOR	Result
LB062563.001	TRH C10-C36 Total	mg/kg	110	<110

VOC's in Soil

Method: ME-(AU)-[ENV]AN433/AN434

Sample Number		Parameter	Units	LOR	Result
LB062558.001	Monocyclic Aromatic Hydrocarbons	Benzene	mg/kg	0.1	<0.1
		Toluene	mg/kg	0.1	<0.1
		Ethylbenzene	mg/kg	0.1	<0.1
		m/p-xylene	mg/kg	0.2	<0.2
		o-xylene	mg/kg	0.1	<0.1
	Polycyclic VOCs	Naphthalene	mg/kg	0.1	<0.1
	Surrogates	Dibromofluoromethane (Surrogate)	%	-	96
		d4-1,2-dichloroethane (Surrogate)	%	-	92
		d8-toluene (Surrogate)	%	-	107
		Bromofluorobenzene (Surrogate)	%	-	96
	Totals	Total BTEX*	mg/kg	0.6	<0.3

Volatile Petroleum Hydrocarbons in Soil

Method: ME-(AU)-[ENV]AN433/AN434/AN410

Sample Number	Parameter	Units	LOR	Result	
LB062558.001	TRH C6-C9	mg/kg	20	<20	
	Surrogates	Dibromofluoromethane (Surrogate)	%	-	96
		d4-1,2-dichloroethane (Surrogate)	%	-	92
		d8-toluene (Surrogate)	%	-	107

Duplicates are calculated as Relative Percentage Difference (RPD) using the formula: $RPD = | \text{OriginalResult} - \text{ReplicateResult} | \times 100 / \text{Mean}$

The RPD is evaluated against the Maximum Allowable Difference (MAD) criteria and can be graphically represented by a curve calculated from the Statistical Detection Limit (SDL) and Limiting Repeatability (LR) using the formula: $MAD = 100 \times \text{SDL} / \text{Mean} + \text{LR}$

Where the Maximum Allowable Difference evaluates to a number larger than 200 it is displayed as 200.

RPD is shown in **Green** when within suggested criteria or **Red** with an appended reason identifier when outside suggested criteria. Refer to the footnotes section at the end of this report for failure reasons.

Mercury (dissolved) in Water

Method: ME-(AU)-[ENV]AN311/AN312

Original	Duplicate	Parameter	Units	LOR	Original	Duplicate	Criteria %	RPD %
SE130689.001	LB062755.014	Mercury	µg/L	0.0001	<0.00005	0.00000	200	6
SE130742.002	LB062755.019	Mercury	µg/L	0.0001	<0.0001	<0.0001	200	0

Mercury in Soil

Method: ME-(AU)-[ENV]AN312

Original	Duplicate	Parameter	Units	LOR	Original	Duplicate	Criteria %	RPD %
SE130591.008	LB062739.014	Mercury	mg/kg	0.01	<0.01	<0.01	200	0
SE130614.005	LB062739.024	Mercury	mg/kg	0.01	0.40	0.46	42	14
SE130614.015	LB062741.014	Mercury	mg/kg	0.01	0.02	0.02	200	0
SE130617.003	LB062741.024	Mercury	mg/kg	0.01	0.02	0.02	200	0

Moisture Content

Method: ME-(AU)-[ENV]AN002

Original	Duplicate	Parameter	Units	LOR	Original	Duplicate	Criteria %	RPD %
SE130614.010	LB062788.011	% Moisture	%w/w	0.5	23	23	34	1
SE130614.020	LB062788.022	% Moisture	%	0.5	16	17	36	8
SE130614.021	LB062788.024	% Moisture	%	0.5	21	21	35	1

OC Pesticides in Soil

Method: ME-(AU)-[ENV]AN400/AN420

Original	Duplicate	Parameter	Units	LOR	Original	Duplicate	Criteria %	RPD %
SE130614.011	LB062562.020	Hexachlorobenzene (HCB)	mg/kg	0.1	<0.1	<0.1	200	0
		Alpha BHC	mg/kg	0.1	<0.1	<0.1	200	0
		Lindane	mg/kg	0.1	<0.1	<0.1	200	0
		Heptachlor	mg/kg	0.1	<0.1	<0.1	200	0
		Aldrin	mg/kg	0.1	<0.1	<0.1	200	0
		Beta BHC	mg/kg	0.1	<0.1	<0.1	200	0
		Delta BHC	mg/kg	0.1	<0.1	<0.1	200	0
		Heptachlor epoxide	mg/kg	0.1	<0.1	<0.1	200	0
		o,p'-DDE	mg/kg	0.1	<0.1	<0.1	200	0
		Alpha Endosulfan	mg/kg	0.2	<0.2	<0.2	200	0
		Gamma Chlordane	mg/kg	0.1	<0.1	<0.1	200	0
		Alpha Chlordane	mg/kg	0.1	<0.1	<0.1	200	0
		trans-Nonachlor	mg/kg	0.1	<0.1	<0.1	200	0
		p,p'-DDE	mg/kg	0.1	<0.1	<0.1	200	0
		Dieldrin	mg/kg	0.05	<0.05	<0.05	200	0
		Endrin	mg/kg	0.2	<0.2	<0.2	200	0
		o,p'-DDD	mg/kg	0.1	<0.1	<0.1	200	0
		o,p'-DDT	mg/kg	0.1	<0.1	<0.1	200	0
		Beta Endosulfan	mg/kg	0.2	<0.2	<0.2	200	0
		p,p'-DDD	mg/kg	0.1	<0.1	<0.1	200	0
		p,p'-DDT	mg/kg	0.1	<0.1	<0.1	200	0
		Endosulfan sulphate	mg/kg	0.1	<0.1	<0.1	200	0
		Endrin Aldehyde	mg/kg	0.1	<0.1	<0.1	200	0
		Methoxychlor	mg/kg	0.1	<0.1	<0.1	200	0
		Endrin Ketone	mg/kg	0.1	<0.1	<0.1	200	0
		Isodrin	mg/kg	0.1	<0.1	<0.1	200	0
		Mirex	mg/kg	0.1	<0.1	<0.1	200	0
			Surrogates	Tetrachloro-m-xylene (TCMX) (Surrogate)	mg/kg	-	0.16	0.16
SE130614.020	LB062563.008	Hexachlorobenzene (HCB)	mg/kg	0.1	<0.1	<0.1	200	0
		Alpha BHC	mg/kg	0.1	<0.1	<0.1	200	0
		Lindane	mg/kg	0.1	<0.1	<0.1	200	0
		Heptachlor	mg/kg	0.1	<0.1	<0.1	200	0
		Aldrin	mg/kg	0.1	<0.1	<0.1	200	0
		Beta BHC	mg/kg	0.1	<0.1	<0.1	200	0
		Delta BHC	mg/kg	0.1	<0.1	<0.1	200	0
		Heptachlor epoxide	mg/kg	0.1	<0.1	<0.1	200	0
		o,p'-DDE	mg/kg	0.1	<0.1	<0.1	200	0
		Alpha Endosulfan	mg/kg	0.2	<0.2	<0.2	200	0
		Gamma Chlordane	mg/kg	0.1	<0.1	<0.1	200	0
		Alpha Chlordane	mg/kg	0.1	<0.1	<0.1	200	0
		trans-Nonachlor	mg/kg	0.1	<0.1	<0.1	200	0
		p,p'-DDE	mg/kg	0.1	<0.1	<0.1	200	0

Duplicates are calculated as Relative Percentage Difference (RPD) using the formula: $RPD = | \text{OriginalResult} - \text{ReplicateResult} | \times 100 / \text{Mean}$

The RPD is evaluated against the Maximum Allowable Difference (MAD) criteria and can be graphically represented by a curve calculated from the Statistical Detection Limit (SDL) and Limiting Repeatability (LR) using the formula: $MAD = 100 \times \text{SDL} / \text{Mean} + \text{LR}$

Where the Maximum Allowable Difference evaluates to a number larger than 200 it is displayed as 200.

RPD is shown in **Green** when within suggested criteria or **Red** with an appended reason identifier when outside suggested criteria. Refer to the footnotes section at the end of this report for failure reasons.

OC Pesticides in Soil (continued)

Method: ME-(AU)-[ENV]AN400/AN420

Original	Duplicate	Parameter	Units	LOR	Original	Duplicate	Criteria %	RPD %
SE130614.020	LB062563.008	Dieldrin	mg/kg	0.05	<0.05	<0.05	200	0
		Endrin	mg/kg	0.2	<0.2	<0.2	200	0
		o,p'-DDD	mg/kg	0.1	<0.1	<0.1	200	0
		o,p'-DDT	mg/kg	0.1	<0.1	<0.1	200	0
		Beta Endosulfan	mg/kg	0.2	<0.2	<0.2	200	0
		p,p'-DDD	mg/kg	0.1	<0.1	<0.1	200	0
		p,p'-DDT	mg/kg	0.1	<0.1	<0.1	200	0
		Endosulfan sulphate	mg/kg	0.1	<0.1	<0.1	200	0
		Endrin Aldehyde	mg/kg	0.1	<0.1	<0.1	200	0
		Methoxychlor	mg/kg	0.1	<0.1	<0.1	200	0
		Endrin Ketone	mg/kg	0.1	<0.1	<0.1	200	0
		Isodrin	mg/kg	0.1	<0.1	<0.1	200	0
		Mirex	mg/kg	0.1	<0.1	<0.1	200	0
		Surrogates	Tetrachloro-m-xylene (TCMX) (Surrogate)		mg/kg	-	0.16	0.16

PAH (Polynuclear Aromatic Hydrocarbons) in Soil

Method: ME-(AU)-[ENV]AN420

Original	Duplicate	Parameter	Units	LOR	Original	Duplicate	Criteria %	RPD %	
SE130602.001	LB062562.004	Naphthalene	mg/kg	0.1	<0.1	<0.1	148	0	
		2-methylnaphthalene	mg/kg	0.1	0.7	0.5	46	33	
		1-methylnaphthalene	mg/kg	0.1	0.9	0.6	43	37	
		Acenaphthylene	mg/kg	0.1	<0.1	<0.1	200	0	
		Acenaphthene	mg/kg	0.1	<0.1	<0.1	200	0	
		Fluorene	mg/kg	0.1	<0.1	<0.1	200	0	
		Phenanthrene	mg/kg	0.1	<0.1	<0.1	200	0	
		Anthracene	mg/kg	0.1	<0.1	<0.1	200	0	
		Fluoranthene	mg/kg	0.1	<0.1	<0.1	200	0	
		Pyrene	mg/kg	0.1	<0.1	<0.1	200	0	
		Benzo(a)anthracene	mg/kg	0.1	<0.1	<0.1	200	0	
		Chrysene	mg/kg	0.1	<0.1	<0.1	200	0	
		Benzo(b&j)fluoranthene	mg/kg	0.1	<0.1	<0.1	200	0	
		Benzo(k)fluoranthene	mg/kg	0.1	<0.1	<0.1	200	0	
		Benzo(b&j&k)fluoranthene	mg/kg	0.2	<0.2	<0.2	200	0	
		Benzo(a)pyrene	mg/kg	0.1	<0.1	<0.1	200	0	
		Indeno(1,2,3-cd)pyrene	mg/kg	0.1	<0.1	<0.1	200	0	
		Dibenzo(a&h)anthracene	mg/kg	0.1	<0.1	<0.1	200	0	
		Benzo(ghi)perylene	mg/kg	0.1	<0.1	<0.1	200	0	
		Carcinogenic PAHs (as BaP TEQ)-assume results	TEQ (mg/kg)	0.2	<0.2	<0.2	200	0	
		Carcinogenic PAHs (as BaP TEQ)-assume results	TEQ (mg/kg)	0.3	<0.3	<0.3	134	0	
		Carcinogenic PAHs (as BaP TEQ)-assume results	TEQ (mg/kg)	0.2	<0.2	<0.2	175	0	
		Total PAH	mg/kg	0.8	1.8	1.2	83	38	
		Surrogates	d5-nitrobenzene (Surrogate)	mg/kg	-	0.50	0.53	30	6
			2-fluorobiphenyl (Surrogate)	mg/kg	-	0.45	0.49	30	9
			d14-p-terphenyl (Surrogate)	mg/kg	-	0.46	0.50	30	8
SE130614.011	LB062562.023	Naphthalene	mg/kg	0.1	<0.1	<0.1	200	0	
		2-methylnaphthalene	mg/kg	0.1	<0.1	<0.1	200	0	
		1-methylnaphthalene	mg/kg	0.1	<0.1	<0.1	200	0	
		Acenaphthylene	mg/kg	0.1	<0.1	<0.1	200	0	
		Acenaphthene	mg/kg	0.1	<0.1	<0.1	200	0	
		Fluorene	mg/kg	0.1	<0.1	<0.1	200	0	
		Phenanthrene	mg/kg	0.1	<0.1	<0.1	197	0	
		Anthracene	mg/kg	0.1	<0.1	<0.1	200	0	
		Fluoranthene	mg/kg	0.1	0.2	0.1	101	29	
		Pyrene	mg/kg	0.1	0.2	0.1	110	40	
		Benzo(a)anthracene	mg/kg	0.1	<0.1	<0.1	184	0	
		Chrysene	mg/kg	0.1	<0.1	<0.1	184	0	
		Benzo(b&j)fluoranthene	mg/kg	0.1	<0.1	<0.1	200	0	
		Benzo(k)fluoranthene	mg/kg	0.1	<0.1	<0.1	200	0	
		Benzo(b&j&k)fluoranthene	mg/kg	0.2	<0.2	<0.2	200	0	
		Benzo(a)pyrene	mg/kg	0.1	<0.1	<0.1	197	0	
		Indeno(1,2,3-cd)pyrene	mg/kg	0.1	<0.1	<0.1	200	0	
		Dibenzo(a&h)anthracene	mg/kg	0.1	<0.1	<0.1	200	0	

Duplicates are calculated as Relative Percentage Difference (RPD) using the formula: $RPD = | \text{OriginalResult} - \text{ReplicateResult} | \times 100 / \text{Mean}$

The RPD is evaluated against the Maximum Allowable Difference (MAD) criteria and can be graphically represented by a curve calculated from the Statistical Detection Limit (SDL) and Limiting Repeatability (LR) using the formula: $MAD = 100 \times \text{SDL} / \text{Mean} + \text{LR}$

Where the Maximum Allowable Difference evaluates to a number larger than 200 it is displayed as 200.

RPD is shown in **Green** when within suggested criteria or **Red** with an appended reason identifier when outside suggested criteria. Refer to the footnotes section at the end of this report for failure reasons.

PAH (Polynuclear Aromatic Hydrocarbons) in Soil (continued)

Method: ME-(AU)-[ENV]AN420

Original	Duplicate	Parameter	Units	LOR	Original	Duplicate	Criteria %	RPD %
SE130614.011	LB062562.023	Benzo(ghi)perylene	mg/kg	0.1	<0.1	<0.1	200	0
		Carcinogenic PAHs (as BaP TEQ)-assume results	TEQ (mg/kg)	0.2	<0.2	<0.2	200	0
		Carcinogenic PAHs (as BaP TEQ)-assume results	TEQ (mg/kg)	0.3	<0.3	<0.3	134	0
		Carcinogenic PAHs (as BaP TEQ)-assume results	TEQ (mg/kg)	0.2	<0.2	<0.2	175	0
		Total PAH	mg/kg	0.8	<0.8	<0.8	155	0
		d5-nitrobenzene (Surrogate)	mg/kg	-	0.43	0.43	30	0
		2-fluorobiphenyl (Surrogate)	mg/kg	-	0.40	0.41	30	2
SE130614.020	LB062563.008	d14-p-terphenyl (Surrogate)	mg/kg	-	0.45	0.47	30	4
		Naphthalene	mg/kg	0.1	<0.1	<0.1	200	0
		2-methylnaphthalene	mg/kg	0.1	<0.1	<0.1	200	0
		1-methylnaphthalene	mg/kg	0.1	<0.1	<0.1	200	0
		Acenaphthylene	mg/kg	0.1	<0.1	<0.1	200	0
		Acenaphthene	mg/kg	0.1	<0.1	<0.1	200	0
		Fluorene	mg/kg	0.1	<0.1	<0.1	200	0
		Phenanthrene	mg/kg	0.1	<0.1	<0.1	200	0
		Anthracene	mg/kg	0.1	<0.1	<0.1	200	0
		Fluoranthene	mg/kg	0.1	<0.1	<0.1	200	0
		Pyrene	mg/kg	0.1	<0.1	<0.1	200	0
		Benzo(a)anthracene	mg/kg	0.1	<0.1	<0.1	200	0
		Chrysene	mg/kg	0.1	<0.1	<0.1	200	0
		Benzo(b&j)fluoranthene	mg/kg	0.1	<0.1	<0.1	200	0
		Benzo(k)fluoranthene	mg/kg	0.1	<0.1	<0.1	200	0
		Benzo(b&j&k)fluoranthene	mg/kg	0.2	<0.2	<0.2	200	0
		Benzo(a)pyrene	mg/kg	0.1	<0.1	<0.1	200	0
		Indeno(1,2,3-cd)pyrene	mg/kg	0.1	<0.1	<0.1	200	0
		Dibenzo(a&h)anthracene	mg/kg	0.1	<0.1	<0.1	200	0
		Benzo(ghi)perylene	mg/kg	0.1	<0.1	<0.1	200	0
		Carcinogenic PAHs (as BaP TEQ)-assume results	TEQ (mg/kg)	0.2	<0.2	<0.2	200	0
		Carcinogenic PAHs (as BaP TEQ)-assume results	TEQ (mg/kg)	0.3	<0.3	<0.3	134	0
		Carcinogenic PAHs (as BaP TEQ)-assume results	TEQ (mg/kg)	0.2	<0.2	<0.2	175	0
		Total PAH	mg/kg	0.8	<0.8	<0.8	200	0
		d5-nitrobenzene (Surrogate)	mg/kg	-	0.42	0.42	30	0
		2-fluorobiphenyl (Surrogate)	mg/kg	-	0.40	0.40	30	0
		d14-p-terphenyl (Surrogate)	mg/kg	-	0.48	0.48	30	0

PCBs in Soil

Method: ME-(AU)-[ENV]AN400/AN420

Original	Duplicate	Parameter	Units	LOR	Original	Duplicate	Criteria %	RPD %
SE130614.011	LB062562.020	Arochlor 1016	mg/kg	0.2	<0.2	<0.2	200	0
		Arochlor 1221	mg/kg	0.2	<0.2	<0.2	200	0
		Arochlor 1232	mg/kg	0.2	<0.2	<0.2	200	0
		Arochlor 1242	mg/kg	0.2	<0.2	<0.2	200	0
		Arochlor 1248	mg/kg	0.2	<0.2	<0.2	200	0
		Arochlor 1254	mg/kg	0.2	<0.2	<0.2	200	0
		Arochlor 1260	mg/kg	0.2	<0.2	<0.2	200	0
		Arochlor 1262	mg/kg	0.2	<0.2	<0.2	200	0
		Arochlor 1268	mg/kg	0.2	<0.2	<0.2	200	0
		Total PCBs (Arochlors)	mg/kg	1	<1	<1	200	0
		Tetrachloro-m-xylene (TCMX) (Surrogate)	mg/kg	-	0	0	30	1
		Arochlor 1016	mg/kg	0.2	<0.2	<0.2	200	0
		Arochlor 1221	mg/kg	0.2	<0.2	<0.2	200	0
		Arochlor 1232	mg/kg	0.2	<0.2	<0.2	200	0
		Arochlor 1242	mg/kg	0.2	<0.2	<0.2	200	0
		Arochlor 1248	mg/kg	0.2	<0.2	<0.2	200	0
		Arochlor 1254	mg/kg	0.2	<0.2	<0.2	200	0
		Arochlor 1260	mg/kg	0.2	<0.2	<0.2	200	0
		Arochlor 1262	mg/kg	0.2	<0.2	<0.2	200	0
		Arochlor 1268	mg/kg	0.2	<0.2	<0.2	200	0
		Total PCBs (Arochlors)	mg/kg	1	<1	<1	200	0
		Tetrachloro-m-xylene (TCMX) (Surrogate)	mg/kg	-	0	0	30	1

pH in soil (1:5)

Method: ME-(AU)-[ENV]AN101

Original	Duplicate	Parameter	Units	LOR
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Duplicates are calculated as Relative Percentage Difference (RPD) using the formula: $RPD = | \text{OriginalResult} - \text{ReplicateResult} | \times 100 / \text{Mean}$

The RPD is evaluated against the Maximum Allowable Difference (MAD) criteria and can be graphically represented by a curve calculated from the Statistical Detection Limit (SDL) and Limiting Repeatability (LR) using the formula: $MAD = 100 \times \text{SDL} / \text{Mean} + \text{LR}$

Where the Maximum Allowable Difference evaluates to a number larger than 200 it is displayed as 200.

RPD is shown in **Green** when within suggested criteria or **Red** with an appended reason identifier when outside suggested criteria. Refer to the footnotes section at the end of this report for failure reasons.

pH in soil (1:5) (continued)

Method: ME-(AU)-[ENV]JAN101

Original	Duplicate	Parameter	Units	LOR	Original	Duplicate	Criteria %	RPD %
SE130614.011	LB062682.014	pH	pH Units	-	5.9	5.9	32	1
SE130614.020	LB062682.024	pH	pH Units	-	4.7	4.5	32	3

TOC in Soil

Method: ME-(AU)-[ENV]JAN188

Original	Duplicate	Parameter	Units	LOR	Original	Duplicate	Criteria %	RPD %
SE130614.011	LB062858.015	Total Organic Carbon	%w/w	0.05	0.62	0.59	23	4
SE130614.020	LB062858.024	Total Organic Carbon	%w/w	0.05	0.16	0.16	46	3

Total Cyanide in soil by Discrete Analyser (AquaKem)

Method: ME-(AU)-[ENV]JAN077/AN287

Original	Duplicate	Parameter	Units	LOR	Original	Duplicate	Criteria %	RPD %
SE130614.004	LB062764.004	Total Cyanide	mg/kg	0.1	0.2	0.2	200	0

Total Phenolics in Soil

Method: ME-(AU)-[ENV]JAN289

Original	Duplicate	Parameter	Units	LOR	Original	Duplicate	Criteria %	RPD %
SE130614.004	LB062763.004	Total Phenols	mg/kg	0.1	0.6	0.7	30	13
SE130614.020	LB062835.004	Total Phenols	mg/kg	0.1	<0.1	0.2	94	56
SE130633.001	LB062763.015	Total Phenols	mg/kg	0.1	1.8	1.9	21	6

Total Recoverable Metals in Soil by ICPOES from EPA 200.8 Digest

Method: ME-(AU)-[ENV]JAN040/AN320

Original	Duplicate	Parameter	Units	LOR	Original	Duplicate	Criteria %	RPD %
SE130591.008	LB062732.014	Arsenic, As	mg/kg	3	<3	<3	200	0
		Cadmium, Cd	mg/kg	0.3	<0.3	<0.3	200	0
		Chromium, Cr	mg/kg	0.3	2.8	2.7	48	2
		Copper, Cu	mg/kg	0.5	<0.5	<0.5	200	0
		Lead, Pb	mg/kg	1	<1	<1	200	0
		Nickel, Ni	mg/kg	0.5	1.3	1.3	69	1
		Zinc, Zn	mg/kg	0.5	0.9	0.5	200	0
SE130614.005	LB062732.024	Arsenic, As	mg/kg	3	30	29	33	1
		Cadmium, Cd	mg/kg	0.3	0.8	0.7	70	4
		Chromium, Cr	mg/kg	0.3	52	50	31	4
		Copper, Cu	mg/kg	0.5	130	130	30	1
		Lead, Pb	mg/kg	1	120	110	31	5
		Nickel, Ni	mg/kg	0.5	8.3	7.7	36	7
		Zinc, Zn	mg/kg	0.5	260	240	31	7
SE130614.015	LB062733.014	Arsenic, As	mg/kg	3	4	5	51	13
		Cadmium, Cd	mg/kg	0.3	0.5	0.5	95	4
		Chromium, Cr	mg/kg	0.3	97	57	31	52 @
		Copper, Cu	mg/kg	0.5	15	14	33	9
		Lead, Pb	mg/kg	1	10	9	41	2
		Nickel, Ni	mg/kg	0.5	50	42	31	17
		Zinc, Zn	mg/kg	0.5	35	32	36	8
SE130617.003	LB062733.024	Arsenic, As	mg/kg	3	<3	<3	200	0
		Cadmium, Cd	mg/kg	0.3	<0.3	<0.3	200	0
		Chromium, Cr	mg/kg	0.3	3.6	3.5	44	5
		Copper, Cu	mg/kg	0.5	2.9	2.8	48	5
		Lead, Pb	mg/kg	1	15	19	36	24
		Nickel, Ni	mg/kg	0.5	2.6	2.5	49	4
		Zinc, Zn	mg/kg	0.5	12	15	45	18

TRH (Total Recoverable Hydrocarbons) in Soil

Method: ME-(AU)-[ENV]JAN403

Original	Duplicate	Parameter	Units	LOR	Original	Duplicate	Criteria %	RPD %
SE130602.001	LB062562.004	TRH C10-C14	mg/kg	20	140	120	45	14
		TRH C15-C28	mg/kg	45	<45	<45	200	0
		TRH C29-C36	mg/kg	45	<45	<45	200	0
		TRH C37-C40	mg/kg	100	<100	<100	200	0
		TRH C10-C36 Total	mg/kg	110	140	120	114	14
		TRH C10-C40 Total	mg/kg	210	<210	<210	190	0
		TRH F Bands	mg/kg	25	150	130	48	15

Duplicates are calculated as Relative Percentage Difference (RPD) using the formula: $RPD = | \text{OriginalResult} - \text{ReplicateResult} | \times 100 / \text{Mean}$

The RPD is evaluated against the Maximum Allowable Difference (MAD) criteria and can be graphically represented by a curve calculated from the Statistical Detection Limit (SDL) and Limiting Repeatability (LR) using the formula: $MAD = 100 \times \text{SDL} / \text{Mean} + \text{LR}$

Where the Maximum Allowable Difference evaluates to a number larger than 200 it is displayed as 200.

RPD is shown in **Green** when within suggested criteria or **Red** with an appended reason identifier when outside suggested criteria. Refer to the footnotes section at the end of this report for failure reasons.

TRH (Total Recoverable Hydrocarbons) in Soil (continued)

Method: ME-(AU)-[ENV]AN403

Original	Duplicate		Parameter	Units	LOR	Original	Duplicate	Criteria %	RPD %
SE130602.001	LB062562.004	TRH F Bands	TRH >C16-C34 (F3)	mg/kg	90	<90	<90	200	0
			TRH >C34-C40 (F4)	mg/kg	120	<120	<120	200	0
SE130614.011	LB062562.021		TRH C10-C14	mg/kg	20	<20	<20	200	0
			TRH C15-C28	mg/kg	45	<45	<45	200	0
			TRH C29-C36	mg/kg	45	<45	<45	200	0
			TRH C37-C40	mg/kg	100	<100	<100	200	0
			TRH C10-C36 Total	mg/kg	110	<110	<110	200	0
			TRH C10-C40 Total	mg/kg	210	<210	<210	200	0
		TRH F Bands	TRH >C10-C16 (F2)	mg/kg	25	<25	<25	200	0
			TRH >C10-C16 (F2) minus Naphthalene	mg/kg	25	<25	<25	200	0
			TRH >C16-C34 (F3)	mg/kg	90	<90	<90	200	0
			TRH >C34-C40 (F4)	mg/kg	120	<120	<120	200	0
SE130614.020	LB062563.008		TRH C10-C14	mg/kg	20	<20	<20	200	0
			TRH C15-C28	mg/kg	45	<45	<45	200	0
			TRH C29-C36	mg/kg	45	<45	<45	200	0
			TRH C37-C40	mg/kg	100	<100	<100	200	0
			TRH C10-C36 Total	mg/kg	110	<110	<110	200	0
			TRH C10-C40 Total	mg/kg	210	<210	<210	200	0
		TRH F Bands	TRH >C10-C16 (F2)	mg/kg	25	<25	<25	200	0
			TRH >C10-C16 (F2) minus Naphthalene	mg/kg	25	<25	<25	200	0
			TRH >C16-C34 (F3)	mg/kg	90	<90	<90	200	0
			TRH >C34-C40 (F4)	mg/kg	120	<120	<120	200	0

VOC's in Soil

Method: ME-(AU)-[ENV]AN433/AN434

Original	Duplicate		Parameter	Units	LOR	Original	Duplicate	Criteria %	RPD %
SE130614.011	LB062558.015	Monocyclic	Benzene	mg/kg	0.1	<0.1	<0.1	200	0
			Aromatic	Toluene	mg/kg	0.1	<0.1	<0.1	200
			Ethylbenzene	mg/kg	0.1	<0.1	<0.1	200	0
			m/p-xylene	mg/kg	0.2	<0.2	<0.2	200	0
			o-xylene	mg/kg	0.1	<0.1	<0.1	200	0
		Polycyclic	Naphthalene	mg/kg	0.1	<0.1	<0.1	200	0
		Surrogates	Dibromofluoromethane (Surrogate)	mg/kg	-	6.0	5.6	50	7
			d4-1,2-dichloroethane (Surrogate)	mg/kg	-	5.7	5.2	50	10
			d8-toluene (Surrogate)	mg/kg	-	5.9	5.4	50	9
			Bromofluorobenzene (Surrogate)	mg/kg	-	5.7	5.8	50	3
		Totals	Total Xylenes*	mg/kg	0.3	<0.3	<0.3	200	0
			Total BTEX*	mg/kg	0.6	<0.6	<0.3	200	0
SE130614.021	LB062558.022	Monocyclic	Benzene	mg/kg	0.1	<0.1	<0.1	200	0
			Aromatic	Toluene	mg/kg	0.1	<0.1	<0.1	200
			Ethylbenzene	mg/kg	0.1	<0.1	<0.1	200	0
			m/p-xylene	mg/kg	0.2	<0.2	<0.2	200	0
			o-xylene	mg/kg	0.1	<0.1	<0.1	200	0
		Polycyclic	Naphthalene	mg/kg	0.1	<0.1	<0.1	200	0
		Surrogates	Dibromofluoromethane (Surrogate)	mg/kg	-	5.8	5.6	50	2
			d4-1,2-dichloroethane (Surrogate)	mg/kg	-	5.4	5.3	50	2
			d8-toluene (Surrogate)	mg/kg	-	5.2	5.2	50	1
			Bromofluorobenzene (Surrogate)	mg/kg	-	5.9	5.4	50	9
		Totals	Total Xylenes*	mg/kg	0.3	<0.3	<0.3	200	0
			Total BTEX*	mg/kg	0.6	<0.6	<0.6	200	0

Volatile Petroleum Hydrocarbons in Soil

Method: ME-(AU)-[ENV]AN433/AN434/AN410

Original	Duplicate	Parameter	Units	LOR	Original	Duplicate	Criteria %	RPD %	
SE130614.011	LB062558.015	TRH C6-C10	mg/kg	25	<25	<25	200	0	
		TRH C6-C9	mg/kg	20	<20	<20	200	0	
		Surrogates	Dibromofluoromethane (Surrogate)	mg/kg	-	6.0	5.6	30	7
		d4-1,2-dichloroethane (Surrogate)	mg/kg	-	5.7	5.2	30	10	
		d8-toluene (Surrogate)	mg/kg	-	5.9	5.4	30	9	
		Bromofluorobenzene (Surrogate)	mg/kg	-	5.7	5.8	30	3	
		VPH F Bands	Benzene (F0)	mg/kg	0.1	<0.1	<0.1	200	0
		TRH C6-C10 minus BTEX (F1)	mg/kg	25	<25	<25	200	0	
SE130614.021	LB062558.022	TRH C6-C10	mg/kg	25	<25	<25	200	0	
		TRH C6-C9	mg/kg	20	<20	<20	200	0	

Duplicates are calculated as Relative Percentage Difference (RPD) using the formula: $RPD = | \text{OriginalResult} - \text{ReplicateResult} | \times 100 / \text{Mean}$

The RPD is evaluated against the Maximum Allowable Difference (MAD) criteria and can be graphically represented by a curve calculated from the Statistical Detection Limit (SDL) and Limiting Repeatability (LR) using the formula: $MAD = 100 \times \text{SDL} / \text{Mean} + \text{LR}$

Where the Maximum Allowable Difference evaluates to a number larger than 200 it is displayed as 200.

RPD is shown in **Green** when within suggested criteria or **Red** with an appended reason identifier when outside suggested criteria. Refer to the footnotes section at the end of this report for failure reasons.

Volatile Petroleum Hydrocarbons in Soil (continued)

Method: ME-(AU)-[ENV]AN433/AN434/AN410

Original	Duplicate		Parameter	Units	LOR	Original	Duplicate	Criteria %	RPD %
SE130614.021	LB062558.022	Surrogates	Dibromofluoromethane (Surrogate)	mg/kg	-	5.8	5.6	30	2
			d4-1,2-dichloroethane (Surrogate)	mg/kg	-	5.4	5.3	30	2
			d8-toluene (Surrogate)	mg/kg	-	5.2	5.2	30	1
			Bromofluorobenzene (Surrogate)	mg/kg	-	5.9	5.4	30	9
		VPH F Bands	Benzene (F0)	mg/kg	0.1	<0.1	<0.1	200	0
			TRH C6-C10 minus BTEX (F1)	mg/kg	25	<25	<25	200	0

Laboratory Control Standard (LCS) results are evaluated against an expected result, typically the concentration of analyte spiked into the control during the sample preparation stage, producing a percentage recovery. The criteria applied to the percentage recovery is established in the SGS QA/QC plan (Ref: MP-(AU)-[ENV]QU-022). For more information refer to the footnotes in the concluding page of this report.

Recovery is shown in **Green** when within suggested criteria or **Red** with an appended dagger symbol (†) when outside suggested criteria.

Exchangeable Cations and Cation Exchange Capacity (CEC/ESP/SAR)

Method: ME-(AU)-[ENV]JAN122

Sample Number	Parameter	Units	LOR	Result	Expected	Criteria %	Recovery %
LB062800.002	Exchangeable Sodium, Na	mg/kg	2	NA	160	80 - 120	119
	Exchangeable Potassium, K	mg/kg	2	NA	330	80 - 120	101
	Exchangeable Calcium, Ca	mg/kg	2	NA	4347	80 - 120	99
	Exchangeable Magnesium, Mg	mg/kg	2	NA	1578	80 - 120	97
LB062801.002	Exchangeable Sodium, Na	mg/kg	2	NA	160	80 - 120	118
	Exchangeable Potassium, K	mg/kg	2	NA	330	80 - 120	102
	Exchangeable Calcium, Ca	mg/kg	2	NA	4347	80 - 120	97
	Exchangeable Magnesium, Mg	mg/kg	2	NA	1578	80 - 120	96

Mercury in Soil

Method: ME-(AU)-[ENV]JAN312

Sample Number	Parameter	Units	LOR	Result	Expected	Criteria %	Recovery %
LB062739.002	Mercury	mg/kg	0.01	0.20	0.2	70 - 130	101
LB062741.002	Mercury	mg/kg	0.01	0.22	0.2	70 - 130	109

Metals in Water (Dissolved) by ICPOES

Method: ME-(AU)-[ENV]JAN320/AN321

Sample Number	Parameter	Units	LOR	Result	Expected	Criteria %	Recovery %
LB062600.002	Arsenic, As	mg/L	0.02	1.9	2	80 - 120	97
	Cadmium, Cd	mg/L	0.001	2.0	2	80 - 120	98
	Chromium, Cr	mg/L	0.005	2.0	2	80 - 120	98
	Copper, Cu	mg/L	0.005	2.0	2	80 - 120	98
	Lead, Pb	mg/L	0.02	2.0	2	80 - 120	98
	Nickel, Ni	mg/L	0.005	2.0	2	80 - 120	98
	Zinc, Zn	mg/L	0.01	2.0	2	80 - 120	99

OC Pesticides in Soil

Method: ME-(AU)-[ENV]JAN400/AN420

Sample Number	Parameter	Units	LOR	Result	Expected	Criteria %	Recovery %
LB062562.002	Heptachlor	mg/kg	0.1	0.2	0.2	60 - 140	117
	Aldrin	mg/kg	0.1	0.2	0.2	60 - 140	122
	Delta BHC	mg/kg	0.1	0.2	0.2	60 - 140	112
	Dieldrin	mg/kg	0.05	0.23	0.2	60 - 140	115
	Endrin	mg/kg	0.2	0.2	0.2	60 - 140	121
	p,p'-DDT	mg/kg	0.1	0.2	0.2	60 - 140	100
	Surrogates	Tetrachloro-m-xylene (TCMX) (Surrogate)	mg/kg	-	0.16	0.15	40 - 130
LB062563.002	Heptachlor	mg/kg	0.1	0.2	0.2	60 - 140	118
	Aldrin	mg/kg	0.1	0.2	0.2	60 - 140	120
	Delta BHC	mg/kg	0.1	0.2	0.2	60 - 140	112
	Dieldrin	mg/kg	0.05	0.23	0.2	60 - 140	116
	Endrin	mg/kg	0.2	0.2	0.2	60 - 140	121
	p,p'-DDT	mg/kg	0.1	0.2	0.2	60 - 140	100
	Surrogates	Tetrachloro-m-xylene (TCMX) (Surrogate)	mg/kg	-	0.15	0.15	40 - 130

PAH (Polynuclear Aromatic Hydrocarbons) in Soil

Method: ME-(AU)-[ENV]JAN420

Sample Number	Parameter	Units	LOR	Result	Expected	Criteria %	Recovery %	
LB062562.002	Naphthalene	mg/kg	0.1	3.7	4	60 - 140	93	
	Acenaphthylene	mg/kg	0.1	3.8	4	60 - 140	95	
	Acenaphthene	mg/kg	0.1	4.0	4	60 - 140	99	
	Phenanthrene	mg/kg	0.1	3.5	4	60 - 140	87	
	Anthracene	mg/kg	0.1	3.3	4	60 - 140	84	
	Fluoranthene	mg/kg	0.1	3.6	4	60 - 140	90	
	Pyrene	mg/kg	0.1	3.6	4	60 - 140	89	
	Benzo(a)pyrene	mg/kg	0.1	4.0	4	60 - 140	99	
	Surrogates	d5-nitrobenzene (Surrogate)	mg/kg	-	0.47	0.5	40 - 130	94
		2-fluorobiphenyl (Surrogate)	mg/kg	-	0.46	0.5	40 - 130	92
		d14-p-terphenyl (Surrogate)	mg/kg	-	0.43	0.5	40 - 130	86
LB062563.002	Naphthalene	mg/kg	0.1	3.6	4	60 - 140	90	
	Acenaphthylene	mg/kg	0.1	3.6	4	60 - 140	89	
	Acenaphthene	mg/kg	0.1	3.7	4	60 - 140	93	
	Phenanthrene	mg/kg	0.1	3.7	4	60 - 140	93	
	Anthracene	mg/kg	0.1	3.5	4	60 - 140	87	
	Fluoranthene	mg/kg	0.1	4.0	4	60 - 140	100	
	Pyrene	mg/kg	0.1	3.8	4	60 - 140	94	
	Benzo(a)pyrene	mg/kg	0.1	3.9	4	60 - 140	98	

Laboratory Control Standard (LCS) results are evaluated against an expected result, typically the concentration of analyte spiked into the control during the sample preparation stage, producing a percentage recovery. The criteria applied to the percentage recovery is established in the SGS QA /QC plan (Ref: MP-(AU)-[ENV]QU-022). For more information refer to the footnotes in the concluding page of this report.

Recovery is shown in **Green** when within suggested criteria or **Red** with an appended dagger symbol (†) when outside suggested criteria.

PAH (Polynuclear Aromatic Hydrocarbons) in Soil (continued)
Method: ME-(AU)-[ENV]AN420

Sample Number	Parameter	Units	LOR	Result	Expected	Criteria %	Recovery %
LB062563.002	Surrogates						
	d5-nitrobenzene (Surrogate)	mg/kg	-	0.44	0.5	40 - 130	88
	2-fluorobiphenyl (Surrogate)	mg/kg	-	0.43	0.5	40 - 130	86
	d14-p-terphenyl (Surrogate)	mg/kg	-	0.44	0.5	40 - 130	88

PCBs in Soil
Method: ME-(AU)-[ENV]AN400/AN420

Sample Number	Parameter	Units	LOR	Result	Expected	Criteria %	Recovery %
LB062562.002	Arochlor 1260	mg/kg	0.2	0.5	0.4	60 - 140	119
LB062563.002	Arochlor 1260	mg/kg	0.2	0.5	0.4	60 - 140	125

pH in soil (1:5)
Method: ME-(AU)-[ENV]AN101

Sample Number	Parameter	Units	LOR	Result	Expected	Criteria %	Recovery %
LB062682.001	pH	pH Units	-	7.4	7.415	98 - 102	100
LB062682.025	pH	pH Units	-	7.4	7.415	98 - 102	100

TOC in Soil
Method: ME-(AU)-[ENV]AN188

Sample Number	Parameter	Units	LOR	Result	Expected	Criteria %	Recovery %
LB062858.002	Total Organic Carbon	%w/w	0.05	0.31	0.325	80 - 120	96

Total Cyanide in soil by Discrete Analyser (Aquakem)
Method: ME-(AU)-[ENV]AN077/AN287

Sample Number	Parameter	Units	LOR	Result	Expected	Criteria %	Recovery %
LB062764.002	Total Cyanide	mg/kg	0.1	0.3	0.25	70 - 130	104

Total Phenolics in Soil
Method: ME-(AU)-[ENV]AN289

Sample Number	Parameter	Units	LOR	Result	Expected	Criteria %	Recovery %
LB062763.002	Total Phenols	mg/kg	0.1	2.2	2.5	70 - 130	88
LB062835.002	Total Phenols	mg/kg	0.1	2.2	2.5	70 - 130	90

Total Recoverable Metals in Soil by ICPOES from EPA 200.8 Digest
Method: ME-(AU)-[ENV]AN040/AN320

Sample Number	Parameter	Units	LOR	Result	Expected	Criteria %	Recovery %
LB062732.002	Arsenic, As	mg/kg	3	53	50	80 - 120	105
	Cadmium, Cd	mg/kg	0.3	53	50	80 - 120	105
	Chromium, Cr	mg/kg	0.3	53	50	80 - 120	105
	Copper, Cu	mg/kg	0.5	52	50	80 - 120	103
	Lead, Pb	mg/kg	1	53	50	80 - 120	106
	Nickel, Ni	mg/kg	0.5	53	50	80 - 120	106
	Zinc, Zn	mg/kg	0.5	53	50	80 - 120	107
LB062733.002	Arsenic, As	mg/kg	3	52	50	80 - 120	103
	Cadmium, Cd	mg/kg	0.3	53	50	80 - 120	105
	Chromium, Cr	mg/kg	0.3	52	50	80 - 120	104
	Copper, Cu	mg/kg	0.5	52	50	80 - 120	103
	Lead, Pb	mg/kg	1	53	50	80 - 120	105
	Nickel, Ni	mg/kg	0.5	53	50	80 - 120	105
	Zinc, Zn	mg/kg	0.5	53	50	80 - 120	106

TRH (Total Recoverable Hydrocarbons) in Soil
Method: ME-(AU)-[ENV]AN403

Sample Number	Parameter	Units	LOR	Result	Expected	Criteria %	Recovery %
LB062562.002	TRH C10-C14	mg/kg	20	37	40	60 - 140	93
	TRH C15-C28	mg/kg	45	<45	40	60 - 140	90
	TRH C29-C36	mg/kg	45	<45	40	60 - 140	85
	TRH F Bands						
	TRH >C10-C16 (F2)	mg/kg	25	37	40	60 - 140	93
	TRH >C16-C34 (F3)	mg/kg	90	<90	40	60 - 140	90
LB062563.002	TRH >C34-C40 (F4)	mg/kg	120	<120	20	60 - 140	95
	TRH C10-C14	mg/kg	20	40	40	60 - 140	100
	TRH C15-C28	mg/kg	45	<45	40	60 - 140	98
	TRH C29-C36	mg/kg	45	<45	40	60 - 140	78
	TRH F Bands						
	TRH >C10-C16 (F2)	mg/kg	25	39	40	60 - 140	98
	TRH >C16-C34 (F3)	mg/kg	90	<90	40	60 - 140	93

Laboratory Control Standard (LCS) results are evaluated against an expected result, typically the concentration of analyte spiked into the control during the sample preparation stage, producing a percentage recovery. The criteria applied to the percentage recovery is established in the SGS QA /QC plan (Ref: MP-(AU)-[ENV]QU-022). For more information refer to the footnotes in the concluding page of this report.

Recovery is shown in **Green** when within suggested criteria or **Red** with an appended dagger symbol (†) when outside suggested criteria.

TRH (Total Recoverable Hydrocarbons) in Soil (continued)

Method: ME-(AU)-[ENV]AN403

Sample Number		Parameter	Units	LOR	Result	Expected	Criteria %	Recovery %
LB062563.002	TRH F Bands	TRH >C34-C40 (F4)	ma/ka	120	<120	20	60 - 140	75

VOC's in Soil

Method: ME-(AU)-[ENV]AN433/AN434

Sample Number		Parameter	Units	LOR	Result	Expected	Criteria %	Recovery %
LB062558.002	Monocyclic	Benzene	mg/kg	0.1	2.1	2.9	60 - 140	73
	Aromatic	Toluene	mg/kg	0.1	2.6	2.9	60 - 140	89
		Ethylbenzene	mg/kg	0.1	2.4	2.9	60 - 140	83
		m/p-xylene	mg/kg	0.2	4.6	5.8	60 - 140	80
		o-xylene	mg/kg	0.1	2.4	2.9	60 - 140	82
	Surrogates	Dibromofluoromethane (Surrogate)	mg/kg	-	4.5	5	60 - 140	90
		d4-1,2-dichloroethane (Surrogate)	mg/kg	-	4.5	5	60 - 140	89
		d8-toluene (Surrogate)	mg/kg	-	5.2	5	60 - 140	104
		Bromofluorobenzene (Surrogate)	ma/ka	-	5.1	5	60 - 140	102

Volatile Petroleum Hydrocarbons in Soil

Method: ME-(AU)-[ENV]AN433/AN434/AN410

Sample Number	Parameter	Units	LOR	Result	Expected	Criteria %	Recovery %	
LB062558.002	TRH C6-C10	mg/kg	25	<25	24.65	60 - 140	92	
	TRH C6-C9	mg/kg	20	20	23.2	60 - 140	87	
	Surrogates	Dibromofluoromethane (Surrogate)	mg/kg	-	4.5	5	60 - 140	90
		d4-1,2-dichloroethane (Surrogate)	mg/kg	-	4.5	5	60 - 140	89
		d8-toluene (Surrogate)	mg/kg	-	5.2	5	60 - 140	104
		Bromofluorobenzene (Surrogate)	mg/kg	-	5.1	5	60 - 140	102
	VPH F Bands	TRH C6-C10 minus BTEX (F1)	mg/ka	25	<25	7.25	60 - 140	119

Matrix Spike (MS) results are evaluated as the percentage recovery of an expected result, typically the concentration of analyte spiked into a field sub-sample during the sample preparation stage. The original sample's result is subtracted from the sub-sample result before determining the percentage recovery. The criteria applied to the percentage recovery is established in the SGS QA/QC plan (ref: MP-(AU)-[ENV]QU-022). For more information refer to the footnotes in the concluding page of this report.

Recovery is shown in **Green** when within suggested criteria or **Red** with an appended reason identifier when outside suggested criteria. Refer to the footnotes section at the end of this report for failure reasons.

Mercury (dissolved) in Water

Method: ME-(AU)-[ENV]AN311/AN312

QC Sample	Sample Number	Parameter	Units	LOR	Result	Original	Spike	Recovery%
SE130614.024	LB062755.004	Mercury	mg/L	0.0001	0.0076	0.0002	0.008	93

Mercury in Soil

Method: ME-(AU)-[ENV]AN312

QC Sample	Sample Number	Parameter	Units	LOR	Result	Original	Spike	Recovery%
SE130590.012	LB062739.004	Mercury	mg/kg	0.01	0.19	<0.01	0.2	92
SE130614.006	LB062741.004	Mercury	mg/kg	0.01	0.21	0.02	0.2	94

Metals in Water (Dissolved) by ICPOES

Method: ME-(AU)-[ENV]AN320/AN321

QC Sample	Sample Number	Parameter	Units	LOR	Result	Original	Spike	Recovery%
SE130614.024	LB062600.004	Arsenic, As	mg/L	0.02	2.0	<0.02	2	100
		Cadmium, Cd	mg/L	0.001	2.0	<0.001	2	100
		Chromium, Cr	mg/L	0.005	2.0	<0.005	2	100
		Copper, Cu	mg/L	0.005	2.0	<0.005	2	100
		Lead, Pb	mg/L	0.02	2.0	<0.02	2	101
		Nickel, Ni	mg/L	0.005	2.0	<0.005	2	101
		Zinc, Zn	mg/L	0.01	2.0	<0.01	2	102

OC Pesticides in Soil

Method: ME-(AU)-[ENV]AN400/AN420

QC Sample	Sample Number	Parameter	Units	LOR	Result	Original	Spike	Recovery%
SE130614.012	LB062562.022	Hexachlorobenzene (HCB)	mg/kg	0.1	<0.1	<0.1	-	-
		Alpha BHC	mg/kg	0.1	<0.1	<0.1	-	-
		Lindane	mg/kg	0.1	<0.1	<0.1	-	-
		Heptachlor	mg/kg	0.1	0.3	<0.1	0.2	126
		Aldrin	mg/kg	0.1	0.3	<0.1	0.2	128
		Beta BHC	mg/kg	0.1	<0.1	<0.1	-	-
		Delta BHC	mg/kg	0.1	0.2	<0.1	0.2	119
		Heptachlor epoxide	mg/kg	0.1	<0.1	<0.1	-	-
		o,p'-DDE	mg/kg	0.1	<0.1	<0.1	-	-
		Alpha Endosulfan	mg/kg	0.2	<0.2	<0.2	-	-
		Gamma Chlordane	mg/kg	0.1	<0.1	<0.1	-	-
		Alpha Chlordane	mg/kg	0.1	<0.1	<0.1	-	-
		trans-Nonachlor	mg/kg	0.1	<0.1	<0.1	-	-
		p,p'-DDE	mg/kg	0.1	<0.1	<0.1	-	-
		Dieldrin	mg/kg	0.05	0.24	<0.05	0.2	122
		Endrin	mg/kg	0.2	0.3	<0.2	0.2	127
		o,p'-DDD	mg/kg	0.1	<0.1	<0.1	-	-
		o,p'-DDT	mg/kg	0.1	<0.1	<0.1	-	-
		Beta Endosulfan	mg/kg	0.2	<0.2	<0.2	-	-
		p,p'-DDD	mg/kg	0.1	<0.1	<0.1	-	-
		p,p'-DDT	mg/kg	0.1	0.2	<0.1	0.2	109
		Endosulfan sulphate	mg/kg	0.1	<0.1	<0.1	-	-
		Endrin Aldehyde	mg/kg	0.1	<0.1	<0.1	-	-
		Methoxychlor	mg/kg	0.1	<0.1	<0.1	-	-
		Endrin Ketone	mg/kg	0.1	<0.1	<0.1	-	-
		Isodrin	mg/kg	0.1	<0.1	<0.1	-	-
		Mirex	mg/kg	0.1	<0.1	<0.1	-	-
	Surrogates	Tetrachloro-m-xylene (TCMX) (Surrogate)	mg/kg	-	0.16	0.16	-	106

PAH (Polynuclear Aromatic Hydrocarbons) in Soil

Method: ME-(AU)-[ENV]AN420

QC Sample	Sample Number	Parameter	Units	LOR	Result	Original	Spike	Recovery%
SE130614.001	LB062562.010	Naphthalene	mg/kg	0.1	3.6	<0.1	4	90
		2-methylnaphthalene	mg/kg	0.1	<0.1	<0.1	-	-
		1-methylnaphthalene	mg/kg	0.1	<0.1	<0.1	-	-
		Acenaphthylene	mg/kg	0.1	3.4	<0.1	4	86
		Acenaphthene	mg/kg	0.1	3.7	<0.1	4	93
		Fluorene	mg/kg	0.1	<0.1	<0.1	-	-
		Phenanthrene	mg/kg	0.1	3.6	<0.1	4	91
		Anthracene	mg/kg	0.1	3.5	<0.1	4	86
		Fluoranthene	mg/kg	0.1	4.4	<0.1	4	111

Matrix Spike (MS) results are evaluated as the percentage recovery of an expected result, typically the concentration of analyte spiked into a field sub-sample during the sample preparation stage. The original sample's result is subtracted from the sub-sample result before determining the percentage recovery. The criteria applied to the percentage recovery is established in the SGS QA/QC plan (ref: MP-(AU)-[ENV]QU-022). For more information refer to the footnotes in the concluding page of this report.

Recovery is shown in **Green** when within suggested criteria or **Red** with an appended reason identifier when outside suggested criteria. Refer to the footnotes section at the end of this report for failure reasons.

PAH (Polynuclear Aromatic Hydrocarbons) in Soil (continued)

Method: ME-(AU)-[ENV]AN420

QC Sample	Sample Number	Parameter	Units	LOR	Result	Original	Spike	Recovery%
SE130614.001	LB062562.010	Pyrene	mg/kg	0.1	3.7	<0.1	4	92
		Benzo(a)anthracene	mg/kg	0.1	<0.1	<0.1	-	-
		Chrysene	mg/kg	0.1	<0.1	<0.1	-	-
		Benzo(b&j)fluoranthene	mg/kg	0.1	<0.1	<0.1	-	-
		Benzo(k)fluoranthene	mg/kg	0.1	<0.1	<0.1	-	-
		Benzo(b&j&k)fluoranthene	mg/kg	0.2	<0.2	<0.2	-	-
		Benzo(a)pyrene	mg/kg	0.1	3.7	<0.1	4	93
		Indeno(1,2,3-cd)pyrene	mg/kg	0.1	<0.1	<0.1	-	-
		Dibenzo(a&h)anthracene	mg/kg	0.1	<0.1	<0.1	-	-
		Benzo(ghi)perylene	mg/kg	0.1	<0.1	<0.1	-	-
		Carcinogenic PAHs (as BaP TEQ)-assume results	TEQ (mg/kg)	0.2	3.7	<0.2	-	-
		Carcinogenic PAHs (as BaP TEQ)-assume results	TEQ (mg/kg)	0.3	3.9	<0.3	-	-
		Carcinogenic PAHs (as BaP TEQ)-assume results	TEQ (mg/kg)	0.2	3.8	<0.2	-	-
		Total PAH	mg/kg	0.8	30	<0.8	-	-
		Surrogates						
		d5-nitrobenzene (Surrogate)	mg/kg	-	0.43	0.43	-	86
		2-fluorobiphenyl (Surrogate)	mg/kg	-	0.42	0.42	-	84
		d14-p-terphenyl (Surrogate)	mg/kg	-	0.45	0.47	-	90

TOC in Soil

Method: ME-(AU)-[ENV]AN188

QC Sample	Sample Number	Parameter	Units	LOR	Result	Original	Spike	Recovery%
SE130614.001	LB062858.004	Total Organic Carbon	%w/w	0.05	0.42	0.10	-	-

Total Phenolics in Soil

Method: ME-(AU)-[ENV]AN289

QC Sample	Sample Number	Parameter	Units	LOR	Result	Original	Spike	Recovery%
SE130617.008	LB062835.014	Total Phenols	mg/kg	0.1	2.3	<0.1	2.5	92

Total Recoverable Metals in Soil by ICPOES from EPA 200.8 Digest

Method: ME-(AU)-[ENV]AN040/AN320

QC Sample	Sample Number	Parameter	Units	LOR	Result	Original	Spike	Recovery%
SE130590.012	LB062732.004	Arsenic, As	mg/kg	3	47	<3	50	88
		Cadmium, Cd	mg/kg	0.3	46	<0.3	50	92
		Chromium, Cr	mg/kg	0.3	58	12	50	92
		Copper, Cu	mg/kg	0.5	47	<0.5	50	94
		Lead, Pb	mg/kg	1	63	17	50	91
		Nickel, Ni	mg/kg	0.5	47	0.8	50	93
		Zinc, Zn	mg/kg	0.5	49	1.5	50	94
SE130614.006	LB062733.004	Arsenic, As	mg/kg	3	52	10	50	85
		Cadmium, Cd	mg/kg	0.3	44	0.3	50	88
		Chromium, Cr	mg/kg	0.3	60	18	50	85
		Copper, Cu	mg/kg	0.5	53	8.5	50	88
		Lead, Pb	mg/kg	1	61	22	50	78
		Nickel, Ni	mg/kg	0.5	46	1.9	50	89
		Zinc, Zn	mg/kg	0.5	60	19	50	83

VOC's in Soil

Method: ME-(AU)-[ENV]AN433/AN434

QC Sample	Sample Number		Parameter	Units	LOR	Result	Original	Spike	Recovery%
SE130602.004	LB062558.009	Monocyclic	Benzene	mg/kg	0.1	2.1	<0.1	2.9	73
			Aromatic	Toluene	mg/kg	0.1	2.5	<0.1	2.9
		Ethylbenzene		mg/kg	0.1	2.2	<0.1	2.9	75
		m/p-xylene		mg/kg	0.2	4.1	<0.2	5.8	71
		o-xylene		mg/kg	0.1	2.2	<0.1	2.9	74
		Polycyclic		Naphthalene	mg/kg	0.1	<0.1	<1.0	-
		Surrogates	Dibromofluoromethane (Surrogate)	mg/kg	-	4.7	4.1	5	95
			d4-1,2-dichloroethane (Surrogate)	mg/kg	-	4.7	3.9	5	93
			d8-toluene (Surrogate)	mg/kg	-	5.2	4.8	5	104
			Bromofluorobenzene (Surrogate)	mg/kg	-	4.6	5.2	5	92
			Totals	Total Xylenes*	mg/kg	0.3	6.3	<0.3	-
		Total BTEX*		ma/kg	0.6	13	<0.3	-	-

Matrix Spike (MS) results are evaluated as the percentage recovery of an expected result, typically the concentration of analyte spiked into a field sub-sample during the sample preparation stage. The original sample's result is subtracted from the sub-sample result before determining the percentage recovery. The criteria applied to the percentage recovery is established in the SGS QA/QC plan (ref: MP-(AU)-[ENV]QU-022). For more information refer to the footnotes in the concluding page of this report.

Recovery is shown in **Green** when within suggested criteria or **Red** with an appended reason identifier when outside suggested criteria. Refer to the footnotes section at the end of this report for failure reasons.

Volatile Petroleum Hydrocarbons in Soil

Method: ME-(AU)-[ENV]AN433/AN434/AN410

QC Sample	Sample Number	Parameter	Units	LOR	Result	Original	Spike	Recovery%
SE130614.004	LB062558.009	TRH C6-C10	mg/kg	25	<25	<25	24.65	86
		TRH C6-C9	mg/kg	20	<20	<20	23.2	81
		Surrogates						
		Dibromofluoromethane (Surrogate)	mg/kg	-	4.7	4.5	5	95
		d4-1,2-dichloroethane (Surrogate)	mg/kg	-	4.7	4.0	5	93
		d8-toluene (Surrogate)	mg/kg	-	5.2	5.5	5	104
		Bromofluorobenzene (Surrogate)	mg/kg	-	4.6	5.4	5	92
		VPH F						
		Benzene (F0)	mg/kg	0.1	2.1	<0.1	-	-
	Bands	TRH C6-C10 minus BTEX (F1)	mg/kg	25	<25	<25	7.25	112

Matrix spike duplicates are calculated as Relative Percent Difference (RPD) using the formula: $RPD = | \text{OriginalResult} - \text{ReplicateResult} | \times 100 / \text{Mean}$

The original result is the analyte concentration of the matrix spike. The Duplicate result is the analyte concentration of the matrix spike duplicate.

The RPD is evaluated against the Maximum Allowable Difference (MAD) criteria and can be graphically represented by a curve calculated from the Statistical Detection Limit (SDL) and Limiting Repeatability (LR) using the formula: $MAD = 100 \times \text{SDL} / \text{Mean} + \text{LR}$

Where the Maximum Allowable Difference evaluates to a number larger than 200 it is displayed as 200.

RPD is shown in **Green** when within suggested criteria or **Red** with an appended reason identifier when outside suggested criteria. Refer to the footnotes section at the end of this report for failure reasons.

OC Pesticides in Soil

Method: ME-(AU)-[ENV]AN400/AN420

QC Sample	Sample Number	Parameter	Units	LOR	Original	Duplicate	Criteria %	RPD %
SE130614.012	LB062562.023	Hexachlorobenzene (HCB)	mg/kg	0.1	<0.1	<0.1	200	-
		Alpha BHC	mg/kg	0.1	<0.1	<0.1	200	-
		Lindane	mg/kg	0.1	<0.1	<0.1	200	-
		Heptachlor	mg/kg	0.1	0.3	0.3	69	1
		Aldrin	mg/kg	0.1	0.3	0.3	69	2
		Beta BHC	mg/kg	0.1	<0.1	<0.1	200	-
		Delta BHC	mg/kg	0.1	0.2	0.2	72	3
		Heptachlor epoxide	mg/kg	0.1	<0.1	<0.1	200	-
		o,p'-DDE	mg/kg	0.1	<0.1	<0.1	200	-
		Alpha Endosulfan	mg/kg	0.2	<0.2	<0.2	200	-
		Gamma Chlordane	mg/kg	0.1	<0.1	<0.1	200	-
		Alpha Chlordane	mg/kg	0.1	<0.1	<0.1	200	-
		trans-Nonachlor	mg/kg	0.1	<0.1	<0.1	200	-
		p,p'-DDE	mg/kg	0.1	<0.1	<0.1	200	-
		Dieldrin	mg/kg	0.05	0.24	0.25	71	1
		Endrin	mg/kg	0.2	0.3	0.3	69	2
		o,p'-DDD	mg/kg	0.1	<0.1	<0.1	200	-
		o,p'-DDT	mg/kg	0.1	<0.1	<0.1	200	-
		Beta Endosulfan	mg/kg	0.2	<0.2	<0.2	200	-
		p,p'-DDD	mg/kg	0.1	<0.1	<0.1	200	-
		p,p'-DDT	mg/kg	0.1	0.2	0.2	76	0
		Endosulfan sulphate	mg/kg	0.1	<0.1	<0.1	200	-
		Endrin Aldehyde	mg/kg	0.1	<0.1	<0.1	200	-
		Methoxychlor	mg/kg	0.1	<0.1	<0.1	200	-
		Endrin Ketone	mg/kg	0.1	<0.1	<0.1	200	-
		Isodrin	mg/kg	0.1	<0.1	<0.1	200	-
		Mirex	mg/kg	0.1	<0.1	<0.1	200	-
Surrogates	Tetrachloro-m-xylene (TCMX) (Surrogate)	mg/kg	-	0.16	0.16	30	1	

PAH (Polynuclear Aromatic Hydrocarbons) in Soil

Method: ME-(AU)-[ENV]AN420

QC Sample	Sample Number	Parameter	Units	LOR	Original	Duplicate	Criteria %	RPD %
SE130614.001	LB062562.011	Naphthalene	mg/kg	0.1	3.6	3.7	33	2
		2-methylnaphthalene	mg/kg	0.1	<0.1	<0.1	200	-
		1-methylnaphthalene	mg/kg	0.1	<0.1	<0.1	200	-
		Acenaphthylene	mg/kg	0.1	3.4	3.7	33	7
		Acenaphthene	mg/kg	0.1	3.7	3.8	33	2
		Fluorene	mg/kg	0.1	<0.1	<0.1	200	-
		Phenanthrene	mg/kg	0.1	3.6	3.7	33	2
		Anthracene	mg/kg	0.1	3.5	3.5	33	2
		Fluoranthene	mg/kg	0.1	4.4	4.3	32	2
		Pyrene	mg/kg	0.1	3.7	3.8	33	5
		Benzo(a)anthracene	mg/kg	0.1	<0.1	<0.1	200	-
		Chrysene	mg/kg	0.1	<0.1	<0.1	200	-
		Benzo(b&j)fluoranthene	mg/kg	0.1	<0.1	<0.1	200	-
		Benzo(k)fluoranthene	mg/kg	0.1	<0.1	<0.1	200	-
		Benzo(b&j&k)fluoranthene	mg/kg	0.2	<0.2	<0.2	200	-
		Benzo(a)pyrene	mg/kg	0.1	3.7	3.8	33	3
		Indeno(1,2,3-cd)pyrene	mg/kg	0.1	<0.1	<0.1	200	-
		Dibenzo(a&h)anthracene	mg/kg	0.1	<0.1	<0.1	200	-
		Benzo(ghi)perylene	mg/kg	0.1	<0.1	<0.1	200	-
		Carcinogenic PAHs (as BaP TEQ)-assume results	TEQ (mg/kg)	0.2	3.7	3.8	15	-
		Carcinogenic PAHs (as BaP TEQ)-assume results	TEQ (mg/kg)	0.3	3.9	4.0	18	-
		Carcinogenic PAHs (as BaP TEQ)-assume results	TEQ (mg/kg)	0.2	3.8	3.9	15	-
		Total PAH	mg/kg	0.8	30	30	33	-
Surrogates	d5-nitrobenzene (Surrogate)	mg/kg	-	0.43	0.44	30	2	
	2-fluorobiphenyl (Surrogate)	mg/kg	-	0.42	0.43	30	2	
	d14-p-terphenyl (Surrogate)	mg/kg	-	0.45	0.46	30	2	

Samples analysed as received.

Solid samples expressed on a dry weight basis.

QC criteria are subject to internal review according to the SGS QA/QC plan and may be provided on request or alternatively can be found here:
<http://www.sgs.com.au/~media/Local/Australia/Documents/Technical%20Documents/MP-AU-ENV-QU-022%20QA%20QC%20Plan.pdf>

- * Non-accredited analysis.
- Sample not analysed for this analyte.
- ^ Analysis performed by external laboratory.

- IS Insufficient sample for analysis.
- LNR Sample listed, but not received.
- LOR Limit of reporting.
- QFH QC result is above the upper tolerance.
- QFL QC result is below the lower tolerance.

- ① At least 2 of 3 surrogates are within acceptance criteria.
- ② RPD failed acceptance criteria due to sample heterogeneity.
- ③ Results less than 5 times LOR preclude acceptance criteria for RPD.
- ④ Recovery failed acceptance criteria due to matrix interference.
- ⑤ Recovery failed acceptance criteria due to the presence of significant concentration of analyte (i.e. the concentration of analyte exceeds the spike level).
- ⑥ LOR was raised due to sample matrix interference.
- ⑦ LOR was raised due to dilution of significantly high concentration of analyte in sample.
- ⑧ Reanalysis of sample in duplicate confirmed sample heterogeneity and inconsistency of results.
- ⑨ Recovery failed acceptance criteria due to sample heterogeneity.
- ⑩ LOR was raised due to high conductivity of the sample (required dilution).
- † Refer to Analytical Report comments for further information.

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CLIENT DETAILS

Contact An Nguyen
Client Geotechnique
Address P.O. Box 880
NSW 2751

Telephone 02 4722 2700
Facsimile 02 4722 6161
Email anguyen@geotech.com.au

Project **13188-2 - Concord**
Order Number (Not specified)
Samples 28

LABORATORY DETAILS

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Laboratory SGS Alexandria Environmental
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Alexandria NSW 2015

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Facsimile +61 2 8594 0499
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SGS Reference SE130614 R0
Report Number 0000089956
Date Reported 26 Aug 2014
Date Received 18 Aug 2014

COMMENTS

Accredited for compliance with ISO/IEC 17025. NATA accredited laboratory 2562(4354).

Sample # 11: portion of the sample supplied has been sub-sampled for asbestos according to SGS In-house procedures. We therefore cannot guarantee that the sub-sample is representative of the entire sample supplied.

SGS Environmental Services recommends supplying approximately 50-100g of sample in a separate container.

No respirable fibres detected in all samples using trace analysis technique.

Asbestos analysed by Approved Identifier Yusuf Kuthpudin.

SIGNATORIES



Andy Sutton
Senior Organic Chemist



Dong Liang
Metals/Inorganics Team Leader



Huong Crawford
Production Manager



Jaimie Cheung
Metals Chemist



Ly Kim Ha
Organic Section Head



Sheila Lepasana
Senior Technician

RESULTS

Fibre Identification in soil

Method AN602

Laboratory Reference	Client Reference	Matrix	Sample Description	Date Sampled	Fibre Identification	Est.%w/w
SE130614.001	BH1 1.5-1.8	Soil	56 g Clay	07 Aug 2014	No Asbestos Found	<0.01
SE130614.003	BH2 0-0.15	Soil	80 g Clay,sand,soil,rocks	11 Aug 2014	No Asbestos Found Organic Fibres Detected	<0.01
SE130614.004	BH2 0.5-0.8	Soil	182 g Clay,sand,soil,rocks	11 Aug 2014	No Asbestos Found	<0.01
SE130614.005	BH2 4.5-4.8	Soil	180 g Clay,sand,soil,rocks	11 Aug 2014	No Asbestos Found Organic Fibres Detected	<0.01
SE130614.007	BH3 0-0.1	Soil	81 g Sand,soil,rocks	12 Aug 2014	No Asbestos Found Organic Fibres Detected	<0.01
SE130614.008	BH3 1.5-1.8	Soil	142 g Clay,sand,soil	12 Aug 2014	No Asbestos Found Organic Fibres Detected	<0.01
SE130614.009	BH4 0-0.15	Soil	102 g Clay,sand,soil,rocks	12 Aug 2014	No Asbestos Found Organic Fibres Detected	<0.01
SE130614.010	BH5 0.1-0.4	Soil	145 g Clay,soil,rocks	13 Aug 2014	No Asbestos Found Organic Fibres Detected	<0.01
SE130614.011	BH5 0.6-0.7	Soil	104 g Clay,sand,soil	13 Aug 2014	No Asbestos Found	<0.01
SE130614.013	BH7 0.15-0.45	Soil	120 g Sand,soil,rocks	11 Aug 2014	No Asbestos Found	<0.01
SE130614.014	BH7 1.4-1.7	Soil	125 g Clay,sand,rocks	11 Aug 2014	No Asbestos Found	<0.01
SE130614.016	BH9 0.2-0.5	Soil	148 g Clay,soil,rocks	14 Aug 2014	No Asbestos Found	<0.01
SE130614.017	BH9 2.0-2.3	Soil	132 g Clay,soil,rocks	14 Aug 2014	No Asbestos Found	<0.01
SE130614.019	BH10 0.23-0.5	Soil	88 g Clay,soil	12 Aug 2014	No Asbestos Found	<0.01

METHOD

METHODOLOGY SUMMARY

AN602	Qualitative identification of chrysotile, amosite and crocidolite in bulk samples by polarised light microscopy (PLM) in conjunction with dispersion staining (DS). AS4964 provides the basis for this document. Unequivocal identification of the asbestos minerals present is made by obtaining sufficient diagnostic 'clues', which provide a reasonable degree of certainty, dispersion staining is a mandatory 'clue' for positive identification. If sufficient 'clues' are absent, then positive identification of asbestos is not possible. This procedure requires removal of suspect fibres/bundles from the sample which cannot be returned.
AN602	Fibres/material that cannot be unequivocally identified as one of the three asbestos forms, will be reported as unknown mineral fibres (umf).
AN602	AS4964.2004 Method for the Qualitative Identification of Asbestos in Bulk Samples, Section 8.4, Trace Analysis Criteria, Note 4 states:"Depending upon sample condition and fibre type, the detection limit of this technique has been found to lie generally in the range of 1 in 1,000 to 1 in 10,000 parts by weight, equivalent to 1 to 0.1 g/kg."

FOOTNOTES

Amosite	-	Brown Asbestos	NA	-	Not Analysed
Chrysotile	-	White Asbestos	LNR	-	Listed, Not Required
Crocidolite	-	Blue Asbestos	*	-	Not Accredited
Amphiboles	-	Amosite and/or Crocidolite	**	-	Indicative data, theoretical holding time exceeded.

This report does not comply with the analytical reporting recommendations in the Western Australian Department of Health Guidelines for the Assessment and Remediation and Management of Asbestos Contaminated sites in Western Australia - May 2009.

Sampled by the client.

Where reported: 'Asbestos Detected': Asbestos detected by polarized light microscopy, including dispersion staining.

Where reported: 'No Asbestos Found': No Asbestos Found by polarized light microscopy, including dispersion staining.

Where reported: 'UMF Detected': Mineral fibres of unknown type detected by polarized light microscopy, including dispersion staining. Confirmation by another independent analytical technique may be necessary.

Even after disintegration it can be very difficult, or impossible, to detect the presence of asbestos in some asbestos-containing bulk materials using polarised light microscopy. This is due to the low grade or small length or diameter of asbestos fibres present in the material, or to the fact that very fine fibres have been distributed intimately throughout the materials.

The QC criteria are subject to internal review according to the SGS QAQC plan and may be provided on request or alternatively can be found here : <http://www.sgs.com.au/~media/Local/Australia/Documents/Technical%20Documents/MP-AU-ENV-QU-022%20QA%20QC%20Plan.pdf>

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Letter received 18/8/14 @ 2:31pm

RECEIVED
18 AUG 2014

SE130614

GFOTECHNICAL PTY LTD

Laboratory Test Request / Chain of Custody Record

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TO: SGS ENVIRONMENTAL SERVICES
UNIT 16
33 MADDOX STREET
ALEXANDRIA NSW 2015
PH: 02 8594 0400
FAX: 02 8594 0499
ATTN: MS EMILY YIN

Project Manager: AN
Location: Concord

Job No: 13188/2
Page 1 of 4

Results required by: Standard Turnaround Time

Location	Depth (m)	Date	Time	Soil	Material	Metals As, Cd, Cr, Cu, Pb, Hg, Ni and Zn	TPH* & BTX	PAH	OCP	PCB	TOTAL PHENOLS	TOTAL CYANIDE	pH	CEC, TOC (%)	ASBESTOS	KEEP SAMPLE
BH1	0.3-0.6	07/08/2014	-	SG/SP												YES
BH1	1.5-1.8	07/08/2014	-	SG/SP		✓		✓	✓				✓	✓	✓	YES
BH1	2.5-2.8	07/08/2014	-	SG/SP												YES
BH1	3.15-3.25	07/08/2014	-	SG		✓		✓	✓				✓	✓	✓	YES
BH2	0-0.15	11/08/2014	-	SG/SP		✓		✓	✓				✓	✓	✓	YES
BH2	0.5-0.8	11/08/2014	-	SG/SP		✓		✓	✓	✓			✓	✓	✓	YES
BH2	1.5-1.8	11/08/2014	-	SG/SP												YES
BH2	3.0-3.3	11/08/2014	-	SG/SP												YES
BH2	4.5-4.8	11/08/2014	-	SG/SP		✓		✓	✓	✓			✓	✓	✓	YES
BH2	5.1-5.25	11/08/2014	-	SG		✓		✓	✓	✓			✓	✓	✓	YES
BH3	0-0.1	12/08/2014	-	SG/SP		✓		✓	✓				✓	✓	✓	YES
Relinquished by				Received by												
Name		Signature		Date		Name		Signature		Date						
AN NGUYEN		AN		18/8/2014		KALIA		KALIA		18/08/2014		18/08/2014				
Legend:																
WG	Water sample, glass bottle			SG	Soil sample (glass jar)			SP	Soil sample (plastic bag)			* Purge & Trap				
WP	Water sample, plastic bottle			FCP	Fibro Cement Piece (plastic bag)			✓	Test required							

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Page 2 of 4

TO: SGS ENVIRONMENTAL SERVICES UNIT 16 33 MADDOX STREET ALEXANDRIA NSW 2015 PH: 02 8594 0400 FAX: 02 8594 0499 ATTN: MS EMILY YIN		Sampling By: AN Project Manager: AN Job No: 13188/2 Project: Location: Concord
--	--	--

Sampling details					Sample type	Results required by: Standard Turnaround Time										
Location	Depth (m)	Date	Time	Soil	Material	Metals As, Cd, Cr, Cu, Pb, Hg, Ni and Zn	TPH* & BTEX	PAH	OCP	PCB	TOTAL PHENOLS	TOTAL CYANIDE	pH	CEC, TOC (%)	ASBESTOS	KEEP SAMPLE
BH3	0.1-0.4	12/08/2014	-	SG/SP												YES
BH3	0.8-1.1	12/08/2014	-	SG/SP												YES
BH3	1.5-1.8	12/08/2014	-	SG/SP		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	YES
BH4	0.0-1.5	12/08/2014	-	SG/SP		✓		✓	✓				✓	✓	✓	YES
BH4	0.2-0.5	12/08/2014	-	SG												YES
BH5	0.1-0.4	13/08/2014	-	SG/SP		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	YES
BH5	0.6-0.7	13/08/2014	-	SG		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	YES
BH6	0.25-0.5	13/08/2014	-	SG/SP												YES
BH6	0.6-0.7	13/08/2014	-	SG		✓		✓	✓							YES
BH7	0.15-0.45	11/08/2014	-	SG/SP		✓		✓	✓							YES
BH7	0.9-1.2	11/08/2014	-	SG/SP											✓	YES
Relinquished by					Received by											
Name		Signature		Date		Name		Signature		Date						
AN NGUYEN		AN		18/8/2014		AN		AN		18/08/2014						
Legend:																
WG	Water sample, glass bottle			SG	Soil sample (glass jar)			SP	Soil sample (plastic bag)			* Purge & Trap				
WP	Water sample, plastic bottle			FCP	Fibro Cement Piece (plastic bag)			✓	Test required							

Legend:	Water sample, glass bottle	SG	Soil sample (glass jar)	SP	Soil sample (plastic bag)	* Purge & Trap
WP	Water sample, plastic bottle	FCP	Fibro Cement Piece (plastic bag)	✓	Test required	

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Page 3 of 4

TO: SGS ENVIRONMENTAL SERVICES UNIT 16 33 MADDOX STREET ALEXANDRIA NSW 2015 PH: 02 8594 0400 FAX: 02 8594 0499 ATTN: MS EMILY YIN		Sampling By: AN Job No: 13188/2 Project: Location: Concord	
Project Manager: AN			

Sampling details		Sample type		Results required by: Standard Turnaround Time													
Location	Depth (m)	Date	Time	Soil	Material	Metals As, Cd, Cr, Cu, Pb, Hg, Ni and Zn	TPH* & BTX	PAH	OCP	PCB	TOTAL PHENOLS	TOTAL CYANIDE	pH	CEC, TOC (%)	ASBESTOS	KEEP SAMPLE	
BH7	1.4-1.7	11/08/2014	-	SG/SP		✓		✓	✓				✓	✓		✓	YES
BH7	2.2-2.5	11/08/2014	-	SG/SP													YES
BH8	0.2-0.4	14/08/2014	-	SG/SP		✓		✓	✓				✓				YES
BH9	0.2-0.5	14/08/2014	-	SG/SP		✓		✓	✓				✓				YES
BH9	1.0-1.2	14/08/2014	-	SG/SP													YES
BH9	2.0-2.3	14/08/2014	-	SG/SP		✓		✓	✓				✓				YES
BH9	2.55-2.65	14/08/2014	-	SG		✓		✓	✓				✓				YES
BH10	0.23-0.5	12/08/2014	-	SG/SP		✓		✓	✓				✓				YES
BH10	0.55-0.65	12/08/2014	-	SG		✓		✓	✓				✓				YES
Duplicate D1	-	07/08/2014	-	SG													YES
Duplicate D2	-	13/08/2014	-	SG		✓		✓	✓				✓				YES
Relinquished by																	
Name		Signature		Date		Name		Signature		Date		Name		Signature		Date	
AN NGUYEN		AN		18/8/2014		AN		AN		18/8/2014		AN		AN		18/8/2014	

Legend:	Water sample, glass bottle	SG	Soil sample (glass jar)	SP	Soil sample (plastic bag)	* Purge & Trap
WP	Water sample, plastic bottle	FCP	Fibro Cement Piece (plastic bag)	✓	Test required	

Page 4 of 4

Job No: 13188/2

Project:

Location: Concord

Results required by: Standard Turnaround Time

Form No 4.7F3-11 SGS



SAMPLE RECEIPT ADVICE

SE130614

CLIENT DETAILS

Contact An Nguyen
Client Geotechnique
Address P.O. Box 880
NSW 2751

Telephone 02 4722 2700
Facsimile 02 4722 6161
Email anguyen@geotech.com.au

Project **13188-2 - Concord**
Order Number (Not specified)
Samples 28

LABORATORY DETAILS

Manager Huong Crawford
Laboratory SGS Alexandria Environmental
Address Unit 16, 33 Maddox St
Alexandria NSW 2015

Telephone +61 2 8594 0400
Facsimile +61 2 8594 0499
Email au.environmental.sydney@sgs.com

Samples Received Mon 18/8/2014
Report Due Mon 25/8/2014
SGS Reference **SE130614**

SUBMISSION DETAILS

This is to confirm that 28 samples were received on Monday 18/8/2014. Results are expected to be ready by Monday 25/8/2014. Please quote SGS reference SE130614 when making enquiries. Refer below for details relating to sample integrity upon receipt.

Sample counts by matrix	21 Soils, 5 Waters	Type of documentation received	COC
Date documentation received	18/08/2014@02:31pm	Samples received in good order	Yes
Samples received without headspace	Yes	Sample temperature upon receipt	4.5°C
Sample container provider	SGS	Turnaround time requested	Standard
Samples received in correct containers	Yes	Sufficient sample for analysis	Yes
Sample cooling method	Ice Bricks	Samples clearly labelled	Yes
Complete documentation received	Yes		

Samples will be held for one month for water samples and two months for soil samples from date of report, unless otherwise instructed.

COMMENTS

A separate homogenised portion (~100g) was not supplied for Asbestos analysis on sample "BH5 0.6-0.7". SGS will proceed by sub-sampling a portion from the glass jar supplied, on the provision that a comment will be reflected on the final report regarding this sub-sampling. 12 soil samples, which were not marked for analyses on the COC, have been placed on hold. These samples will not be processed.

To the extent not inconsistent with the other provisions of this document and unless specifically agreed otherwise in writing by SGS, all SGS services are rendered in accordance with the applicable SGS General Conditions of Service accessible at <http://www.sgs.com/en/Terms-and-Conditions/General-Conditions-of-Services-English.aspx> as at the date of this document. Attention is drawn to the limitations of liability and to the clauses of indemnification.

CLIENT DETAILS

Client **Geotechnique**

Project **13188-2 - Concord**

SUMMARY OF ANALYSIS

No.	Sample ID	OC Pesticides in Soil	PAH (Polynuclear Aromatic Hydrocarbons) in	PCBs in Soil	Total Cyanide in soil by Discrete Analyser	Total Phenolics in Soil	TRH (Total Recoverable Hydrocarbons) in Soil	VOC's in Soil	Volatile Petroleum Hydrocarbons in Soil
001	BH1 1.5-1.8	28	26	-	-	-	-	-	-
002	BH1 3.15-3.25	28	26	-	-	-	-	-	-
003	BH2 0-0.15	28	26	-	-	-	-	-	-
004	BH2 0.5-0.8	28	26	11	1	1	10	12	8
005	BH2 4.5-4.8	28	26	11	1	1	10	12	8
006	BH2 5.1-5.25	28	26	11	1	1	10	12	8
007	BH3 0-0.1	28	26	-	-	-	-	-	-
008	BH3 1.5-1.8	28	26	11	1	1	10	12	8
009	BH4 0-0.15	28	26	-	-	-	-	-	-
010	BH5 0.1-0.4	28	26	11	1	1	10	12	8
011	BH5 0.6-0.7	28	26	11	1	1	10	12	8
012	BH6 0.6-0.7	28	26	-	-	-	-	-	-
013	BH7 0.15-0.45	28	26	-	-	-	-	-	-
014	BH7 1.4-1.7	28	26	-	-	-	-	-	-
015	BH8 0.2-0.4	28	26	-	-	-	-	-	-
016	BH9 0.2-0.5	28	26	11	1	1	10	12	8
017	BH9 2.0-2.3	28	26	11	1	1	10	12	8
018	BH9 2.55-2.65	28	26	11	1	1	10	12	8
019	BH10 0.23-0.5	28	26	11	1	1	10	12	8
020	BH10 0.55-0.65	28	26	11	1	1	10	12	8
021	Duplicate D2	28	26	11	1	1	10	12	8
022	Trip Spike TS1	-	-	-	-	-	-	12	-
023	Trip Spike TS2	-	-	-	-	-	-	12	-

CONTINUED OVERLEAF

The above table represents SGS Environmental Services' interpretation of the client-supplied Chain Of Custody document.

The numbers shown in the table indicate the number of results requested in each package.

Please indicate as soon as possible should your request differ from these details.

Testing as per this table shall commence immediately unless the client intervenes with a correction.

CLIENT DETAILS

Client **Geotechnique**

Project **13188-2 - Concord**

SUMMARY OF ANALYSIS

No.	Sample ID	Exchangeable Cations and Cation Exchange Capacity	Fibre Identification in soil	Mercury in Soil	Metals in Water (Dissolved) by ICPOES	Moisture Content	pH in soil (1:5)	TOC in Soil	Total Recoverable Metals in Soil by ICPOES from
001	BH1 1.5-1.8	13	2	1	-	1	1	1	7
002	BH1 3.15-3.25	13	-	1	-	1	1	1	7
003	BH2 0-0.15	13	2	1	-	1	1	1	7
004	BH2 0.5-0.8	13	2	1	-	1	1	1	7
005	BH2 4.5-4.8	13	2	1	-	1	1	1	7
006	BH2 5.1-5.25	13	-	1	-	1	1	1	7
007	BH3 0-0.1	13	2	1	-	1	1	1	7
008	BH3 1.5-1.8	13	2	1	-	1	1	1	7
009	BH4 0-0.15	13	2	1	-	1	1	1	7
010	BH5 0.1-0.4	13	2	1	-	1	1	1	7
011	BH5 0.6-0.7	13	2	1	-	1	1	1	7
012	BH6 0.6-0.7	13	-	1	-	1	1	1	7
013	BH7 0.15-0.45	13	2	1	-	1	1	1	7
014	BH7 1.4-1.7	13	2	1	-	1	1	1	7
015	BH8 0.2-0.4	-	-	1	-	1	1	-	7
016	BH9 0.2-0.5	13	2	1	-	1	1	1	7
017	BH9 2.0-2.3	13	2	1	-	1	1	1	7
018	BH9 2.55-2.65	13	-	1	-	1	1	1	7
019	BH10 0.23-0.5	13	2	1	-	1	1	1	7
020	BH10 0.55-0.65	13	-	1	-	1	1	1	7
021	Duplicate D2	-	-	1	-	1	1	-	7
024	Rinsate R1	-	-	-	7	-	-	-	-

CONTINUED OVERLEAF

The above table represents SGS Environmental Services' interpretation of the client-supplied Chain Of Custody document.

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SAMPLE RECEIPT ADVICE

SE130614

CLIENT DETAILS

Client **Geotechnique**

Project **13188-2 - Concord**

SUMMARY OF ANALYSIS

No.	Sample ID	Metals in Water (Dissolved) by ICPOES
025	Rinsate R2	7
026	Rinsate R3	7
027	Rinsate R4	7
028	Rinsate R5	7

CONTINUED OVERLEAF

The above table represents SGS Environmental Services' interpretation of the client-supplied Chain Of Custody document.

The numbers shown in the table indicate the number of results requested in each package.

Please indicate as soon as possible should your request differ from these details.

Testing as per this table shall commence immediately unless the client intervenes with a correction.



SAMPLE RECEIPT ADVICE

SE130614

CLIENT DETAILS

Client **Geotechnique**

Project **13188-2 - Concord**

SUMMARY OF ANALYSIS

No.	Sample ID	Mercury (dissolved) in Water
024	Rinsate R1	1

CONTINUED OVERLEAF

The above table represents SGS Environmental Services' interpretation of the client-supplied Chain Of Custody document.

The numbers shown in the table indicate the number of results requested in each package.

Please indicate as soon as possible should your request differ from these details.

Testing as per this table shall commence immediately unless the client intervenes with a correction.



SAMPLE RECEIPT ADVICE

SE130614

CLIENT DETAILS

Client **Geotechnique**

Project **13188-2 - Concord**

SUMMARY OF ANALYSIS

No.	Sample ID	Mercury (dissolved) in Water
025	Rinsate R2	1
026	Rinsate R3	1
027	Rinsate R4	1
028	Rinsate R5	1

The above table represents SGS Environmental Services' interpretation of the client-supplied Chain Of Custody document.

The numbers shown in the table indicate the number of results requested in each package.

Please indicate as soon as possible should your request differ from these details.

Testing as per this table shall commence immediately unless the client intervenes with a correction.

APPENDIX D

ENVIRONMENTAL NOTES

IMPORTANT INFORMATION REGARDING YOUR ENVIRONMENTAL SITE ASSESSMENT

These notes have been prepared by Geotechnique Pty Ltd, using guidelines prepared by the ASFE (Associated Soil and Foundation Engineers). The notes are offered to assist in the interpretation of your environmental site assessment report.

REASONS FOR AN ENVIRONMENTAL ASSESSMENT

Environmental site assessments are typically, though not exclusively, performed in the following circumstances:

- As a pre-acquisition assessment on behalf of a purchaser or a vendor, when a property is to be sold
- As a pre-development assessment, when a property or area of land is to be redeveloped, or the land use has changed, e.g. from a factory to a residential subdivision
- As a pre-development assessment of greenfield sites, to establish baseline conditions and assess environmental, geological and hydrological constraints to the development of e.g. a landfill
- As an audit of the environmental effects of previous and present site usage

Each circumstance requires a specific approach to assessment of soil and groundwater contamination. In all cases the objective is to identify and if possible quantify the risks that unrecognised contamination poses to the ongoing proposed activity. Such risks may be financial (clean-up costs or limitations in site use) and physical (health risks to site users or the public).

ENVIRONMENTAL SITE ASSESSMENT LIMITATIONS

Although information provided by an environmental site assessment can reduce exposure to the risk of the presence of contamination, no environmental site assessment can eliminate the risk. Even a rigorous professional assessment might not detect all contamination within a site. Contaminants could be present in areas that were not surveyed or sampled, or migrate to areas that did not show signs of contamination when sampled. Contaminant analysis cannot possibly cover every type of contaminant that may occur; only the most likely contaminants are screened.

AN ENVIRONMENTAL SITE ASSESSMENT REPORT IS BASED ON A UNIQUE SET OF PROJECT SPECIFIC FACTORS

In the following events and in order to avoid cost problems, you should ask your consultant to assess any changes in the conclusion and recommendations made in the assessment:

- When the nature of the proposed development is changed e.g. if a residential development is proposed, rather than a commercial development
- When the size or configuration of the proposed development is altered e.g. if a basement is added
- When the location or orientation of the proposed structure is modified
- When there is a change of land ownership, or
- For application to an adjacent site

ENVIRONMENTAL SITE ASSESSMENT FINDINGS ARE PROFESSIONAL ESTIMATES

Site assessment identifies actual sub-surface conditions only at those points where samples are taken, when they are taken. Data obtained from the sampling and subsequent laboratory analyses are interpreted by geologists, engineers or scientists and opinions are drawn about the overall sub-surface conditions, the nature and extent of contamination, the likely impact on any proposed development and appropriate remediation measures. Actual conditions may differ from those inferred, because no professional, no matter how qualified and no sub-surface exploration program, no matter how comprehensive, can reveal what is hidden by earth, rock and time. The actual interface between materials may be far more gradual or abrupt than an assessment indicates. Actual conditions in areas not sampled may differ from predictions. Nothing can be done to prevent the unanticipated, however, steps can be taken to help minimise the impact. For this reason site owners should retain the services of their consultants throughout the development stages of the project in order to identify variances, conduct additional tests that may be necessary and to recommend solutions to problems encountered on site.

Soil and groundwater contamination is a field in which legislation and interpretation of legislation by government departments is changing rapidly. Whilst every attempt is made by Geotechnique Pty Ltd to be familiar with current policy, our interpretation of the investigation findings should not be taken to be that of the relevant authority. When approval from a statutory authority is required for a project, approval should be directly sought.

STABILITY OF SUB-SURFACE CONDITIONS

Sub-surface conditions can change by natural processes and site activities. As an environmental site assessment is based on conditions existing at the time of the investigation, project decisions should not be based on environmental site assessment data that may have been affected by time. The consultant should be requested to advise if additional tests are required.

ENVIRONMENTAL SITE ASSESSMENTS ARE PERFORMED FOR SPECIFIC PURPOSES AND CLIENTS

Environmental site assessments are prepared in response to a specific scope of work required to meet the specific needs of specific individuals e.g. an assessment prepared for a consulting civil engineer may not be adequate to a construction contractor or another consulting civil engineer.

An assessment should not be used by other persons for any purpose or by the client for a different purpose. No individual, other than the client, should apply an assessment, even for its intended purpose, without first conferring with the consultant. No person should apply an assessment for any purpose other than that originally contemplated, without first conferring with the consultant.

MISINTERPRETATION OF ENVIRONMENTAL SITE ASSESSMENTS

Costly problems can occur when design professionals develop plans based on misinterpretation of an environmental site assessment. In order to minimise problems, the environmental consultant should be retained to work with appropriate design professionals, to explain relevant findings and to review the adequacy of plans and specifications relative to contamination issues.

LOGS SHOULD NOT BE SEPARATED FROM THE REPORT

Borehole and test pit logs are prepared by environmental scientists, engineers or geologists, based upon interpretation of field conditions and laboratory evaluation of field samples. Logs are normally provided in our reports and these would not be redrawn for inclusion in site remediation or other design drawings, as subtle but significant drafting errors or omissions may occur in the transfer process. Photographic reproduction can eliminate this problem, however, contractors can still misinterpret the logs during bid preparation if separated from the text of the assessment. Should this occur, delays and disputes, or unanticipated costs may result.

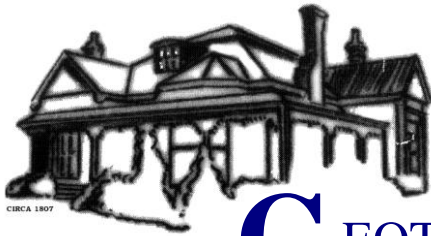
To reduce the likelihood of borehole and test pit log misinterpretation, the complete assessment should be available to persons or organisations involved in the project, such as contractors, for their use. Denial of such access and disclaiming responsibility for the accuracy of sub-surface information does not insulate an owner from the attendant liability. It is critical that the site owner provides all available site information to persons and organisations, such as contractors.

READ RESPONSIBILITY CLAUSES CLOSELY

An environmental site assessment is based extensively on judgement and opinion; therefore, it is necessarily less exact than other disciplines. This situation has resulted in wholly unwarranted claims being lodged against consultants. In order to aid in prevention of this problem, model clauses have been developed for use in written transmittals. These are definitive clauses, designed to indicate consultant responsibility. Their use helps all parties involved recognise individual responsibilities and formulate appropriate action. Some of these definitive clauses are likely to appear in the environmental site assessment and you are encouraged to read them closely. Your consultant will be happy to give full and frank answers to any questions you may have.

APPENDIX G

2015 REPORT 13188/4-AA



GEOTECHNIQUE[®]
PTY LTD



Job No: 13188/4
Our Ref: 13188/4-AA
3 August 2015

ABN 64 002 841 063

Nix Anderson Pty Ltd
17 Chuter Street
MCMAHONS POINT NSW 2060
Email: robert.mcguinness@nxa.com.au

Attention: Mr R McGuinness

Dear Sir

re: **Proposed Redevelopment
160 Burwood Road, Concord
Additional Contamination Assessment**

Further to the contamination assessment report (Report 13188/1-AA dated 12 September 2014); this letter report presents the results of an additional contamination assessment (ACA) at locations (BH11 to BH16) as indicated on the Drawing No 13188/3-AA1. Field sampling was carried out in conjunction with additional geotechnical investigation. The additional geotechnical investigation report is being submitted separately.

The investigation was commissioned by Mr R Ewing of Propertylink Holdings Pty Ltd through a subcontract agreement and was carried out in general accordance with Geotechnique Pty Ltd proposal Q6614-AC dated 12 June 2015.

Proposed Development

We understand that Nix Anderson has been retained by Propertylink to assist in carrying out feasibility review of the above site to assess the development potential on behalf of the site owners – Freshfood Australia Holdings Pty Ltd. It is also understood that the existing Robert Timms Factory (Bushell's) will be relocated prior to development and the site will be developed as an Urban Regeneration Project – an integrated Residential Community.

As requested, assessment of soils in the area between the pathway and the seawall was conducted with recovery and analysis of soil samples from additional boreholes (BH11 to BH16) as nominated by the client.

The objective of the assessment was to ascertain whether the soils being assessed are likely to present a risk of harm to human health and the environment under the conditions for the proposed residential development.

SCOPE OF WORK

In order to achieve the objective of this report, the following scope of work was carried out:

- Site inspection.
- Additional soil sampling by a Geotechnical/Environmental Engineer from Geotechnique in conjunction with geotechnical investigation.

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160 Burwood Road, Concord

- Chemical analysis by laboratories accredited by the National Association of Testing Authorities (NATA), in accordance with Chains of Custody (COC) prepared by Geotechnique.
- Assessment of field and laboratory Quality Assurance (QA) and Quality Control (QC).
- Assessment of the laboratory analytical results.
- Assessment of soil at the sampled borehole locations.

Regional Geology and Landscape

Reference to the Geological Map of Sydney (Herbert 1983) indicates that the bedrock at the site is likely to be Hawkesbury Sandstone, comprising medium grained quartz sandstone.

Reference to the Soil Landscape Map of Sydney (Chapman et al., 2004) indicates that the landscape at the site belongs to the Gynea Group, which is characterised by undulating to rolling rises and low hills on Hawkesbury Sandstone. However, the site is likely to have been filled in the past to raise levels for development.

FIELD SAMPLING AND LABORATORY TESTING

An Environmental Engineer from Geotechnique was responsible for sampling and logging the sub-surface profile encountered during the field work on 9, 10 and 13 July 2015.

Reference should be made to the engineering borehole logs in Attachment A for detailed descriptions of the soil profile encountered during the field work. Generally, the samples did not have obvious asbestos sheets/pieces, odour, staining or discolouration that would indicate the potential for contamination.

The sampled borehole locations are indicated on the attached Drawing No 13188/3-AA1.

To prevent the potential loss of any volatile compounds, the recovered soil sample for laboratory analysis was immediately transferred into a labelled, laboratory supplied, 250ml glass jar and sealed with an airtight, Teflon screw top lid. The fully filled jar was then placed in a chilled container.

Samples were recovered using one-off nitrile gloves in order to avoid cross contamination between the sampling locations.

In order to ensure the analytical performance of the primary laboratory, duplicate and split samples were prepared and kept in labelled, laboratory supplied, glass jars (acid-washed and solvent-rinsed) sealed with airtight, Teflon screw top lids. The fully filled jars were placed in a chilled container.

The recovered fill sample for asbestos analysis was transferred into a small labelled, plastic bags. The small plastic bags were placed inside a large plastic bag.

At completion of field sampling the chilled container was transported to our Penrith office. All the jars and bottle were then transferred to a refrigerator where the temperature was maintained below 4 °C.

The chilled container with recovered samples was forwarded under Chain of Custody (COC) conditions to the primary laboratory SGS Environmental Services (SGS) and the secondary laboratory, Envirolab Services Pty Ltd (Envirolab), both NATA accredited.

On receipt of the samples the laboratories returned the Sample Receipt Advice verifying the integrity of all samples received.

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160 Burwood Road, Concord

Within the holding times detailed in Schedule B(3) of The *National Environment Protection (Assessment of Site Contamination) Measure (NEPM) 1999 (April 2013)* by the National Environment Protection Council (NEPC), the recovered soil samples were analysed for the following potential contaminants of concern:

- Metals, including, arsenic (As), cadmium (Cd), chromium (Cr), copper (Cu), lead (Pb), mercury (Hg), nickel (Ni) and zinc (Zn).
- Total Recoverable Hydrocarbons (TRH).
- Benzene, Toluene, Ethyl Benzene and Xylenes (BTEX).
- Organochlorine Pesticides (OCP).
- Polycyclic Aromatic Hydrocarbons (PAH).
- Polychlorinated Biphenyls (PCB).
- Cyanides.
- Phenols.
- Asbestos.

FIELD QUALITY ASSURANCE & QUALITY CONTROL (QA & QC)

The following QA/QC procedures were implemented for the sampling and analytical program.

Trip Spike Sample

Trip spike samples are obtained from the laboratory on a regular basis, prior to conducting field sampling where volatile substances are suspected. The samples are held at Geotechnique in the Penrith office, at less than 4 degrees Celsius, for a period of not more than seven days. During the fieldwork, the trip spike samples are kept in the chilled container with soil samples recovered from the site. The trip spike sample is then forwarded to the primary laboratory together with the soil samples recovered from the site.

The trip spike is prepared by the laboratory by adding a known amount of a pure petrol standard to a clean sand sample. The sample is mixed thoroughly to ensure a relatively homogenous distribution of the spike throughout the sample. When the sample is submitted for analysis, the same procedure is adopted for testing as the soil samples being analysed from the site.

The purpose of the trip spike is to detect any loss or potential loss of volatiles from the soil samples, during field work, transportation, sample extraction or testing.

A trip spike sample (TS1) was forwarded to the primary analytical laboratory with the samples collected from the site and tested for BTEX. The test results for the trip spike sample, reported as a percentage recovery of the applied and known spike concentrations, are shown in Table A.

As indicated in Table A, the results show a generally good recovery (ranging from 99% to 107%) of the spike concentrations.

Based on the above, it is considered that any loss of volatiles from the recovered samples that might have occurred would not affect the outcome / conclusions of this report.

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Duplicate Sample

In order to ensure reliable analytical results from the laboratory, one duplicate soil sample was prepared from an original sample and submitted blind to the primary laboratory (SGS Environmental Services) for analysis. The test results for the duplicate sample were compared with the test results of the corresponding original sample and are summarised in the attached Table B. The duplicate frequency adopted complies with the NEPM, which recommends a duplicate frequency of at least 5% (achieved with 1 duplicate sample analysed from 20 samples analysed, i.e. 5%).

A comparison was made and the Relative Percentage Differences (RPD) was computed to assess the difference between the original and duplicate. RPD within 30% are generally considered acceptable. As indicated in Table B, the comparisons between the duplicate and corresponding original sample indicated generally acceptable RPD with the exceptions of higher RPDs for Chromium, lead, nickel and zinc, which were considered due to the heterogeneity of the samples recovered. The concentration of arsenic, copper, lead and nickel of the pairs of samples analysed were also well below the assessment criteria adopted, therefore, the variations are not considered significant and the test results provided by the primary laboratory are deemed reliable for this assessment.

Split Sample

Split samples provide a check on the analytical performance of the primary laboratory. One split sample was submitted for analysis to a secondary laboratory (EnviroLab Services Pty Ltd). The split sample frequency adopted complies with the NEPM, which recommends a frequency of 5% (achieved with 1 split sample analysed from 20 samples analysed, i.e. 5%).

Based on Schedule B (3) of the NEPM, the difference in the results between the split samples should in general be within 30% of the mean concentration determined by both laboratories, i.e., RPD should be within 30%. However, this variation can be higher for organic analysis than for inorganics and for low concentrations of analytes. The test results are summarised in the attached Table C.

As indicated in Table C, the comparisons between the split and corresponding original samples indicated generally acceptable RPD with the exception for arsenic, copper, lead and nickel. Higher RPDs calculated for arsenic, copper, lead and nickel were considered due to heterogeneity of the samples analysed. The concentrations of arsenic, copper, lead and nickel for the pairs of samples analysed were also well below the assessment criteria adopted, therefore the variations are not considered significant and the test results provided by the primary laboratory are deemed reliable for this assessment.

LABORATORY QA & QC

Geotechnique uses only NATA accredited laboratories for chemical analyses. The laboratory must also incorporate quality laboratory management systems to ensure trained analysts using validated methods and suitably calibrated equipment in order to produce reliable results.

In addition to the quality control samples, the laboratory must also ensure that all analysts receive certification as to their competence in carrying out the analysis and participate in national and international proficiency studies. SGS and EnviroLab are both accredited by NATA. The two laboratories also operate Quality Systems that are designed to comply with ISO/IEC 17025.

All reported laboratory limits of reporting (LOR) / practical quantitation limits (PQL) were less than the assessment criteria.

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160 Burwood Road, Concord

As part of the analytical run for the project, the laboratories included laboratory blanks, duplicate samples, laboratory control samples, matrix spikes and surrogate spikes.

We have checked the QA/QC procedures and results adopted by the laboratories against the appropriate guidelines. The quality control sample numbers adopted by SGS and Envirolab are considered adequate for the analyses undertaken and generally conform to recommendations provided in the National Environment Protection Measure (NEPM) 1999 (April 2013) "*Guideline on Laboratory Analysis of Potentially Contaminated Soils*".

Overall, the quality control elements adopted by SGS and Envirolab indicate the analytical data to fall within acceptable levels of accuracy and precision for the analysis of soils. The analytical data provided, is therefore considered to be reliable and useable for this assessment.

ASSESSMENT CRITERIA

Investigation levels and screening levels developed in the NEPM 2013 were used in this assessment, as follows:

- Risk-based Health Investigation Levels (HIL) for a broad range of metals and organic substances. The HIL are applicable for assessing human health risk via all relevant pathways of exposure. The HIL as listed in Table 1A (1) of Schedule B1 "*Guideline on Investigation Levels for Soil and Groundwater*" are provided for different land uses.

The site is located within a parcel of industrial land, which will be developed into high density residential community. As such, with regard to human health, analytical results will be assessed against risk based HIL for *residential with minimal opportunities for soil access; including dwellings with fully and permanently paved yard space such as high-rise buildings and apartments* (HIL B).

- Health Screening Levels (HSL) for selected petroleum compounds, fractions and Naphthalene are applicable for assessing human health risk via inhalation and direct contact pathways. The HSL depend on specific soil physicochemical properties, land use scenarios and the characteristics of building structures. The HSL listed in Table 1A(3) of Schedule B1 "*Guideline on Investigation Levels for Soil and Groundwater*" apply to different soil types and depths below surface to >4 m.

For this assessment, the analytical result was assessed against the available HSL for *with minimal opportunities for soil access; including dwellings with fully and permanently paved yard space such as high-rise buildings and apartments* (HSL B) for clay to depth of 0m to <1m and for sand to depth of 0m to <1m.

- Ecological Screening Levels (ESL) for selected petroleum hydrocarbon compounds, TPH fractions and Benzo(a)Pyrene are applicable for assessing the risk to terrestrial ecosystems. ESL listed in Table 1B(6) of Schedule B1 "*Guideline on Investigation Levels for Soil and Groundwater*" broadly apply to coarse and fine-grained soils and various land uses and are generally applicable to the top 2m of soil.

The analytical results were assessed against the available ESL for *urban residential* for coarse and fine-grained soils.

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160 Burwood Road, Concord

- Ecological Investigation Levels (EIL), a specific type of Soil Quality Guidelines (SQG) for selected metals are applicable for assessing the risk to terrestrial ecosystems. EIL listed in Table 1B(1-5) of Schedule B1 “*Guideline on Investigation Levels for Soil and Groundwater*” depend on specific soil physicochemical properties and land use scenarios and generally apply to the top 2m of soil. The EIL are calculated using 30% effect concentration (EC30) or lowest observed effect concentrations (LOEC) toxicity data. For arsenic and lead generic EIL for *urban residential* land use for aged contamination are adopted. For other metals, where available, EIL are calculated directly by using EIL calculator developed by CSIRO for NEPC.

For this assessment the analytical results were assessed against the available SQG / EIL for *urban residential* land use for aged contamination in soil for low traffic volume.

- With regard to protection of the environment and impact on plant growth the available Provisional Phytotoxicity Based Investigation Levels (PIL) published in the *Guidelines for the NSW Site Auditor Scheme* (NSW EPA / DEC, 2006) and EIL published in the NEPM 1999 for cadmium and mercury are used.

For discrete soil samples, the individual concentrations of analytes, except Cd and Hg, were assessed against the HIL B / HSL B / ESL / EIL. The individual concentrations of Cd and Hg were assessed against the PIL and HIL B.

For asbestos, the assessed soil must not contain bonded ACM in excess of 0.01%w/w and surface soil within the site should be free of visible ACM, and friable asbestos in the soil should not exceed 0.001% w/w.

The soil will be deemed contaminated or containing contamination “hot spots” if the above criteria are unfulfilled. Further investigation, remediation and/or management will be recommended if the area of concern is found to be contaminated or contain contamination “hot spots”.

LABORATORY TEST RESULTS, ASSESSMENT & DISCUSSION

Copies of the actual laboratory test results certificates from SGS are kept in the offices of Geotechnique and will be provided upon request. The test results are also presented in Tables D to H together with the available assessment criteria adopted. A discussion of the test data is presented in the following sub-sections.

Metals

The Metals test results for discrete selected soil samples are presented in Tables D1 and D2 and as shown, all concentrations of Metals were below the available relevant EIL, HIL B. All Cd and Hg concentrations were also below the relevant PIL.

TRH and BTEX

The TRH and BTEX test results for the discrete selected soil samples are presented in Table E. As shown in Table F the concentrations of F1 (TRH C6-C10 less BTEX), F2 (TRH >C10-C16 less Naphthalene), F3 (TRH >C16-C34), F4 (TRH >C34-C40) and BTEX were below the relevant HSL B and / or ESL adopted.

PAH

The PAH test results for the selected discrete soil samples are presented in Table F and as shown, all BaP, BaP TEQ, Naphthalene and Total PAH were below the relevant HIL B or ESL or HSL B or EIL adopted.

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OCP

The OCP test results for selected discrete soil samples are presented in Table G and as indicated, OCP were well below the relevant HIL B. The concentrations of DDT were also below the EIL.

PCB

The PCB test results for the selected discrete soil samples are presented in Table G and as shown, the PCB concentrations were below the relevant HIL B adopted.

Phenols

The Phenols test results for the selected discrete soil samples are presented in Table G and as shown, the Phenols concentrations were well below the relevant HIL B adopted.

Cyanides

The Cyanides test results for the selected discrete soil samples are presented in Table G and as shown, the Cyanides concentrations were well below the relevant HIL B adopted.

Asbestos

The asbestos results for the selected discrete soil samples are presented in Table H and as shown, no friable asbestos was detected at the laboratory detection limit of 0.001%.

CONCLUSION AND RECOMMENDATIONS

Based on this assessment, it is considered that soil samples, recovered from boreholes BH11 to BH16 in conjunction with geotechnical investigation, are unlikely to pose a risk of harm to human health and the terrestrial environment and are environmentally suitable for the proposed development.

If suspect materials (identified by unusual staining, odour, discolouration or inclusions such as building rubble, asbestos sheets / pieces, ash material, etc) are encountered during the construction stage, we recommend that this office is contacted for assessment and necessary action.

LIMITATIONS

Within the stated scope of work, the services performed by Geotechnique in preparation of this report were conducted in a manner consistent with the level of quality and skill generally exercised by members of the profession and consulting practice.

This report has been prepared for Nix Anderson Pty Ltd for the purpose stated within. Any reliance on this report by other parties shall be at such parties' sole risk as the report might not contain sufficient information for other purposes.

This report shall only be presented in full and may not be used to support any other objective than those set out in the report, except where written approval is provided by Geotechnique.

The information in this report is considered accurate at completion of field sampling (13 July 2015) and in accordance with current site conditions. Any variations to the site form or use beyond this date might nullify the conclusions stated.

No contamination assessment can eliminate all risk; even a rigorous professional assessment might not detect all contamination within the investigated locations.

13188/4-AA
160 Burwood Road, Concord

Reference should be made to the attached "Environmental Notes" for details of the limitations of this assessment.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Yours faithfully
GEOTECHNIQUE PTY LTD



DANDA SAPKOTA
Senior Environmental Engineer

Attached	Attachment A	Drawing No 13188/3-AA1 (Borehole Locations)
	Attachment B	Engineering Borehole Logs
	Attachment C	Laboratory Analytical Results Summary Tables (Tables A to H)
	Attachment D	Environmental Notes

LIST OF REFERENCES

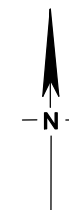
Chapman et al. 2004, *Soil Landscape Series Sheet 9030, Scale 1:100,000 (Sydney)*, Soil Conservation Service of NSW, Sydney.

Contaminated Land Management Act

Herbert C 1983, *Geological Series Sheet 9130, Scale 1:100,000 (Sydney)*, Department of Minerals and Energy, NSW, Sydney.

NEPM 1999 (April 2013), *National Environment Protection (Assessment of Site Contamination) Measure (NEPM)*, National Environmental Protection Council (NEPC), Australia.

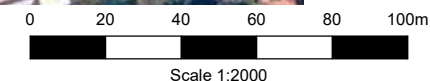
ATTACHMENT A



LEGEND

- Borehole (August 2014)
- Borehole (July 2015)

Imagery ©2014 NearMap.com



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NOTES

1. Site features are indicative and are not to scale.
2. This drawing has been produced using a base plan provided by others to which additional information e.g test pits, borehole locations or notes have been added. Some or all of the plan may not be relevant at the time of producing this drawing

Nix Management Pty Ltd
Proposed Development
Robert Timms Factory Site (Bushell's)
160 Burwood Road, Concord

Borehole Locations

Drawing No: 13188/3-AA1
Job No: 13188/3
Drawn By: MH
Date: 30 July 2015
Checked By: ZA

File No: 13188-3
Layers: 0, AA1

ATTACHMENT B

engineering log - borehole

Client : Nix Anderson Pty Ltd						Job No. : 13188/3					
Project : Proposed Development						Borehole No. : 11					
Location : 160 Burwood Road, Concord						Date : 09/07/2015 Logged/Checked by: MT					
drill model and mounting : Utility Mounted						slope :		deg.		R.L. surface : ≈ 3.5	
hole diameter : 125		mm		bearing :		deg.		datum :		AHD	

method	groundwater	env samples	PID reading (ppm)	geo samples	field test	depth or R.L. in meters	graphic log	classification symbol	MATERIAL DESCRIPTION soil type, plasticity or particle characteristic, colour, secondary and minor components.	moisture condition	consistency density index	hand penetrometer kPa	Remarks and additional observations
		GP				0			ASPHALT PAVEMENT				
									FILL: Sandy Gravel, coarse grained, brown				
		GP			N=12 9,7,5	1			FILL: Sandy Gravel, coarse grained, yellow				
									FILL: Silty Sandy Clay, medium plasticity, red brown				
		GP			N=5 3,2,3	2							
		GP				3							
		GP			N=5 3,2,3	4							
		GP											
		G				4		SM	Silty SAND, fine to medium grained, brown to red, with some ironstone	W	D		Groundwater at 4.0m
					N=40 11,20,20	5			SANDSTONE, grey-brown, low to medium strength, extremely weathered				Bedrock
						6							
						7							
						8							
						9							

engineering log

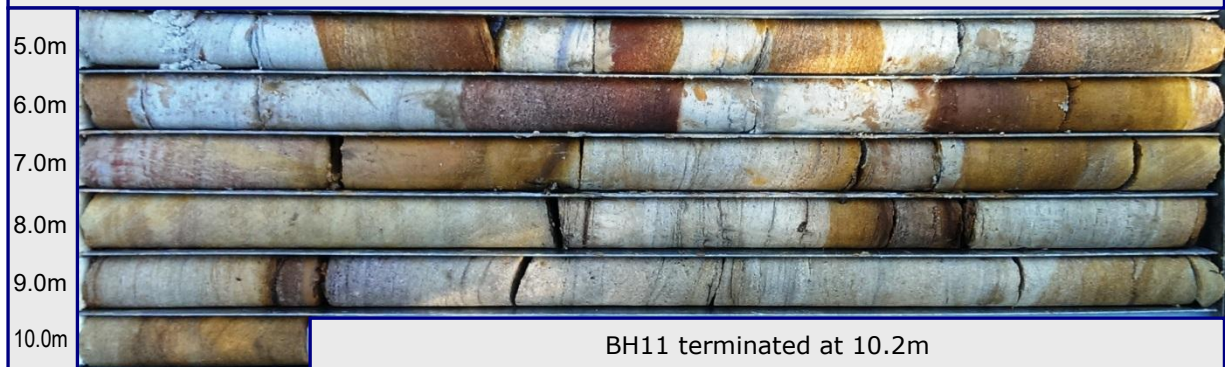
cored borehole

Client : Nix Anderson Pty Ltd					Job No. : 13188/3				
Project : Proposed Development					Borehole No. : 11				
Location : 160 Burwood Road, Concord					Date : 09/07/2015 Logged/Checked by : MT				
drill model and mounting : Utility Mounted					slope : deg.		R.L. surface : ≈ 3.5		
core size: NMLC					bearing : deg.		datum : AHD		

barrel lift	water loss/level	depth of R.L. in meters	graphic log	CORE DESCRIPTION rock type, grain characteristics, colour, structure, minor components.	weathering	strength	point load index strength $I_s(50)$										DEFECT DETAILS	
																	defect spacing (mm)	DESCRIPTION type, inclination, thickness, planarity, roughness, coating.
							EL	VL	L	M	H	VH	Specific	General				
		5		Coring Commenced at 5.0m														
		5		SANDSTONE, fine to coarse grained, grey to red-brown	DW-SW	L-M												
		6																
		7																
		8		SANDSTONE, fine to coarse grained, grey-brown	DW-SW	M-H												
		9																
		10																
		11		Borehole No. 11 terminated at 10.2m														
		12																
		13																
		14																

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Job No 13188/3 BH11 Started Coring at 5m



engineering log - borehole

Client : Nix Anderson Pty Ltd		Job No. : 13188/3	
Project : Proposed Development		Borehole No. : 12	
Location : 160 Burwood Road, Concord		Date : 09/07/2015	
		Logged/Checked by: MT	

drill model and mounting : Utility Mounted	slope : deg.	R.L. surface : ≈ 3.4
hole diameter : 125 mm	bearing : deg.	datum : AHD

method	groundwater	env samples	PID reading (ppm)	geo samples	field test	depth or R.L. in meters	graphic log	classification symbol	MATERIAL DESCRIPTION soil type, plasticity or particle characteristic, colour, secondary and minor components.	moisture condition	consistency density index	hand penetrometer kPa	Remarks and additional observations
		GP				0			TOPSOIL: Sandy Silt, low plasticity, dark brown, with some roots				
		GP			N=7 3,3,4				FILL: Silty Clayey Sand, fine to coarse grained, with some gravel				
						1			FILL: Silty Clay, medium plasticity, grey, with some gravel				
	▼	GP			N=8 4,3,5	2							Groundwater at 1.8m
		GP				3							
					N=5 1,2,3								
		GP				4		SC-SM	Silty Clayey SAND, fine to medium grained, black to dark brown, with some shell fragments	W			
		G						CI	Silty Sandy CLAY, medium plasticity, red to brown	M>PL	L		
					N=2 1,1,1	5							
						6							
					N=10 3,5,5								
						7							Becoming harder to drill
					N=R 12,16/ 100			SC-SM	Silty Clayey SAND, fine to coarse grained, grey-brown to red	W	MD		
						8			SANDSTONE, grey to red-brown, extremely weathered, low strength				Bedrock
						9							

engineering log - borehole

Client : Nix Anderson Pty Ltd Project : Proposed Development Location : 160 Burwood Road, Concord		Job No. : 13188/3 Borehole No. : 12 Date : 09/07/2015 Logged/Checked by: MT											
drill model and mounting : Utility Mounted		slope : deg. R.L. surface : ≈ 3.4											
hole diameter : 125 mm		bearing : deg. datum : AHD											
method	groundwater	env samples	PID reading (ppm)	geo samples	field test	depth or R.L. in meters	graphic log	classification symbol	MATERIAL DESCRIPTION soil type, plasticity or particle characteristic, colour, secondary and minor components.	moisture condition	consistency density index	hand penetrometer kPa	Remarks and additional observations
						10			Borehole No. 12 terminated at 9.7m due to TC-Bit refusal				
						11							
						12							
						13							
						14							
						15							
						16							
						17							
						18							
						19							

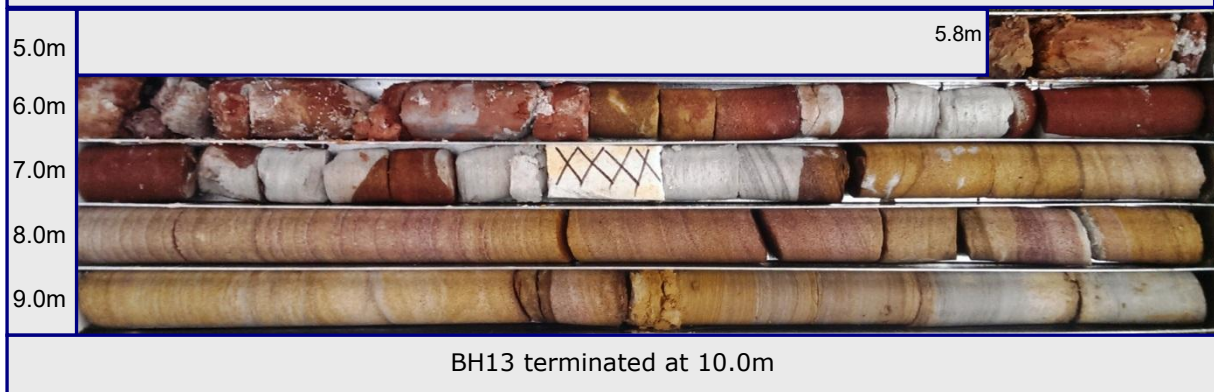
engineering log - borehole

Client : Nix Anderson Pty Ltd						Job No. : 13188/3					
Project : Proposed Development						Borehole No. : 13					
Location : 160 Burwood Road, Concord						Date : 10/07/2015					
						Logged/Checked by: MT					
drill model and mounting : Utility Mounted						slope :		deg.		R.L. surface : ≈ 3.4	
hole diameter : 125 mm						bearing :		deg.		datum : AHD	

method	groundwater	env samples	PID reading (ppm)	geo samples	field test	depth or R.L. in meters	graphic log	classification symbol	MATERIAL DESCRIPTION soil type, plasticity or particle characteristic, colour, secondary and minor components.	moisture condition	consistency density index	hand penetrometer kPa	Remarks and additional observations
		GP				0			TOPSOIL: Silty Sand, fine to medium grained, dark brown, with some grass roots				
		GP			N=12 4,7,5	1			FILL: Silty Clay, medium plasticity, brown-orange, with some gravel				
		GP			N=6 3,3,3	2			FILL: Silty Clay, medium plasticity, brown-grey				
	▼	GP			N=8 3,4,4	3		SC-SM	Silty Clayey SAND, fine to medium grained, yellow, with some sandstone gravel	W	MD		Groundwater at 2.5m
					N=R 5,8,20/50	4		SM	Silty SAND, fine to coarse grained, grey	W	D		
						5			SANDSTONE, fine to coarse grained, grey-brown to yellow, extremely weathered, low strength				Bedrock
						6			Refer to Cored Borehole				
						7							
						8							
						9							

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Job No 13188/3 BH13 Started Coring at 5.8m



engineering log - borehole

[illegible]

engineering log - borehole

Client : Nix Anderson Pty Ltd Project : Proposed Development Location : 160 Burwood Road, Concord						Job No. : 13188/3 Borehole No. : 14 Date : 10/07/2015 Logged/Checked by: MT							
drill model and mounting : Utility Mounted						slope :		deg.		R.L. surface : ≈ 3.2			
hole diameter : 125 mm						bearing :		deg.		datum : AHD			
method	groundwater	env samples	PID reading (ppm)	geo samples	field test	depth or R.L. in meters	graphic log	classification symbol	MATERIAL DESCRIPTION soil type, plasticity or particle characteristic, colour, secondary and minor components.	moisture condition	consistency density index	hand penetrometer kPa	Remarks and additional observations
						10			Borehole No. 14 terminated at 10.0m				
						11							
						12							
						13							
						14							
						15							
						16							
						17							
						18							
						19							

engineering log - borehole

Client : Nix Anderson Pty Ltd						Job No. : 13188/3					
Project : Proposed Development						Borehole No. : 15					
Location : 160 Burwood Road, Concord						Date : 13/07/2015					
						Logged/Checked by: MT					
drill model and mounting : Utility Mounted						slope :		deg.		R.L. surface : ≈ 3.2	
hole diameter : 125 mm						bearing :		deg.		datum : AHD	

method	groundwater	env samples	PID reading (ppm)	geo samples	field test	depth or R.L. in meters	graphic log	classification symbol	MATERIAL DESCRIPTION soil type, plasticity or particle characteristic, colour, secondary and minor components.	moisture condition	consistency density index	hand penetrometer kPa	Remarks and additional observations
		GP				0			TOPSOIL: Silty Sand, fine to medium grained, brown, with some grass				
		GP			N=3, 5, 25/50	1			FILL: Silty Sandy Clay, medium plasticity, brown				
						2			Borehole No. 15 terminated at 1.3m due to refusal in possible sandstone boulder				
						3							
						4							
						5							
						6							
						7							
						8							
						9							


engineering log - borehole

Client : Nix Anderson Pty Ltd						Job No. : 13188/3					
Project : Proposed Development						Borehole No. : 16					
Location : 160 Burwood Road, Concord						Date : 13/07/2015					
						Logged/Checked by: MT					
drill model and mounting : Utility Mounted						slope :		deg.		R.L. surface : ≈ 3.2	
hole diameter : 125 mm						bearing :		deg.		datum : AHD	

method	groundwater	env samples	PID reading (ppm)	geo samples	field test	depth or R.L. in meters	graphic log	classification symbol	MATERIAL DESCRIPTION soil type, plasticity or particle characteristic, colour, secondary and minor components.	moisture condition	consistency density index	hand penetrometer kPa	Remarks and additional observations
		GP				0			TOPSOIL: Silty Sand, fine to medium grained, brown, with grass roots FILL: Silty Clay, medium plasticity, grey-brown				
		GP			N=10 3,6,4	1			FILL: Silty Sand, fine to coarse grained, brown, with some gravel				
		GP			N=12 3,4,8	2							
					N=R 25/50	3			FILL: Silty Sand, fine grained, brown, with some boulders				
						4							
						5							
						6		SM	Silty SAND, fine to medium grained, dark brown, with some shell fragments	W			
						7							
						8			Refer to Cored Borehole				
						9							

engineering log cored borehole

Client : Nix Anderson Pty Ltd					Job No. : 13188/3				
Project : Proposed Development					Borehole No. : 16				
Location : 160 Burwood Road, Concord					Date : 13/07/2015				
					Logged/Checked by : MT				
drill model and mounting : Utility Mounted					slope :		deg.		R.L. surface : ≈ 3.2
core size: NMLC					bearing :		deg.		datum : AHD

barrel lift	water loss/level	depth of R.L. in meters	graphic log	CORE DESCRIPTION rock type, grain characteristics, colour, structure, minor components.	weathering	strength	point load index strength $I_s(50)$										defect spacing (mm)		DEFECT DETAILS DESCRIPTION type, inclination, thickness, planarity, roughness, coating.	
							EL	VL	L	M	H	VH	2000	1000	500	300	100	50	Specific	General
				Coring Commenced at 7.6m																
				CORE LOSS: 7.6-7.85m													Core loss 250mm			
		8		SANDSTONE, fine to coarse grained, red-brown, grey	DW-SW	M														
		9																		
		10		SANDSTONE, fine to coarse grained, red-brown	DW-SW	M-H														
		11																		
		12		SANDSTONE, fine to coarse grained, grey	SW-FR	H-VH														
				Borehole No. 16 terminated at 12.2m																
		13																		
		14																		
		15																		
		16																		
		17																		

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Job No 13188/3 BH16 Started Coring at 7.6m



KEY TO SYMBOLS

Symbol Description

Strata symbols



Pavement
(Bitumen, Concrete Slab, etc)



Fill



Silty Sand



Sandstone



Topsoil



Silty Clayey Sand



Silty Sandy Clay
medium plasticity

Misc. Symbols



Groundwater

Descriptions of various line types (solid, dotted, etc.)



Profile change



Gradual profile change

Notes:

1. Exploratory borings were drilled between 13/07/2015 and 13/07/2015 using a 50, 100 and 125mm diameter continuous flight power auger.
2. These logs are subject to the limitations, conclusions and recommendations in this report.
3. Results of tests conducted on samples recovered are reported on the logs.

KEY TO SYMBOLS

Symbol	Description
--------	-------------

Strata symbols



Sandstone



Core Loss

Misc. Symbols



Point Load Strength

Descriptions of various line types (solid, dotted, etc.)



Profile change





Gradual profile change

Notes:

1. Exploratory borings were drilled between 13/07/2015 and 13/07/2015 using a 50, 100 and 125mm diameter continuous flight power auger.
2. These logs are subject to the limitations, conclusions and recommendations in this report.
3. Results of tests conducted on samples recovered are reported on the logs.



Log Symbols & Abbreviations (Non-cored Borehole Log)

Log Column	Symbol/Value	Description
Drilling Method	V-bit TC-bit RR DB BB	Hardened steel 'V' shaped bit attached to auger Tungsten Carbide bit attached to auger Tricone (Rock Roller) bit Drag bit Blade bit
Groundwater	Dry  	Groundwater not encountered to the drilled or auger refusal depth Groundwater level at depths shown on log Groundwater seepage at depths shown on log
Environment Sample	GP G P	Glass bottle and plastic bag sample over depths shown on log Glass bottle sample over depths shown on log Plastic bag sample over depths shown on log
PID Reading	100	PID reading in ppm
Geotechnical Sample	DS DB U ₅₀	Disturbed Small bag sample over depths shown on log Disturbed Bulk sample over depths shown on log Undisturbed 50mm tube sample over depths shown on log
Field Test	N=10 3,5,5 N=R 10,15/100	Standard Penetration Test (SPT) 'N' value. Individual numbers indicate blows per 150mm penetration. 'R' represents refusal to penetration in hard/very dense soils or in cobbles or boulders. The first number represents 10 blows for 150mm penetration whereas the second number represents 15 blows for 100mm penetration where SPT met refusal
	DCP/PSP	5 6 R/10
		Dynamic Cone Penetration (DCP) or Perth Sand Penetrometer (PSP). Each number represents blows per 100mm penetration. 'R/10' represents refusal after 10mm penetration in hard/very dense soils or in gravels or boulders.
Classification	GP GW GM GC SP SW SM SC ML MI MH CL CI CH	Poorly Graded GRAVEL Well graded GRAVEL Silty GRAVEL Clayey GRAVEL Poorly graded SAND Well graded SAND Silty SAND Clayey SAND SILT / Sandy SILT / clayey SILT, low plasticity SILT / Sandy SILT / clayey SILT, medium plasticity SILT / Sandy SILT / clayey SILT, high plasticity CLAY / Silty CLAY / Sandy CLAY / Gravelly CLAY, low plasticity CLAY / Silty CLAY / Sandy CLAY / Gravelly CLAY, medium plasticity CLAY / Silty CLAY / Sandy CLAY / Gravelly CLAY, high plasticity
Moisture Condition Cohesive soils	M<PL M=PL M>PL	Moisture content less than Plastic Limit Moisture content equal to Plastic Limit Moisture content to be greater than Plastic Limit
Cohesionless soils	D M W	Dry - Runs freely through hand Moist - Tends to cohere Wet - Tends to cohere
Consistency Cohesive soils	VS S F St VSt H	Term Undrained shear strength, C _u (kPa) Hand Penetrometer (Qu) Very Soft ≤12 <25 Soft >12 ≤25 25 – 50 Firm >25 ≤50 50 – 100 Stiff >50 ≤100 100 – 200 Very Stiff >100 ≤200 200 – 400 Hard >200 >400
Density Index Cohesionless soils	VL L M D VD	Term Density Index, I _D (%) SPT 'N' (blows/300mm) Very Loose ≤15 ≤5 Loose >15 ≤35 >5 ≤10 Medium Dense >35 ≤65 >10 ≤30 Dense >65 ≤85 >30 ≤50 Very Dense >85 >50
Hand Penetrometer	100 200	Unconfined compressive strength (q _u) in kPa determined using pocket penetrometer, at depths shown on log
Remarks	Residual Alluvium Colluvial Aeolian Marine	Geological origin of soils Residual soils above bedrock River deposited Alluvial soils Gravity deposited Colluvial soils Wind deposited Aeolian soils Marine Soils

AS1726 – Unified Soil Classification System

Major Divisions		Particle size (mm)	Group Symbol	Typical Names	Field Identifications Sand and Gravels			Laboratory classification				
COARSE GRAINED SOILS (more than half of material less 63mm is larger than 0.075mm)	BOULDERS	200						% (2) < 0.075mm	Plasticity of Fine Fraction	$C_u = D_{60}/D_{10}$	$C_c = (D_{30})^2/(D_{10}D_{60})$	Notes
	COBBLES	63										
	GRAVELS (more than half of coarse fraction is larger than 2.36mm)	Coarse 20	GW	Well-graded gravels, gravel-sand mixtures, little or no fines	Wide range in grain size and substantial amounts of all intermediate sizes, not enough fines to bind coarse grains, no dry strength			0-5	-	>4	between 1 and 3	1. Identify lines by the method given for fine grained soils
		Medium 6	GP	Poorly graded gravels, gravel-sand mixtures, little or no fines, uniform gravels	Predominantly one size or range of sizes with some intermediate sizes missing, not enough fines to bind coarse grains, no dry strength			0-5	-	Fails to comply with above		
			GM	Silty gravels, gravel-sand-silt mixtures	'Dirty' materials with excess of non-plastic fines, zero to medium dry strength			12-50	Below 'A' line or $I_p<4$	-	-	2. Borderline classifications occur when the percentage of fines (fraction smaller than 0.075mm size) is greater than 5% and less than 12%. Borderline classifications require the use of dual symbols e.g. SP-SM, GW-GC
		Fine 2.36	GC	Clayey gravels, gravel-sand-clay mixtures	'Dirty' materials with excess of plastic fines, medium to high dry strength			12-50	Above 'A' line or $I_p>7$	-	-	
	SANDS (more than half of coarse fraction is smaller than 2.36mm)	Coarse 0.6	SW	Well-graded sands, gravelly sands, little or no fines	Wide range in grain size and substantial amounts of all intermediate sizes, not enough fines to bind coarse grains, no dry strength			0-5	-	>6	between 1 and 3	
		Medium 0.2	SP	Poorly graded sands and gravelly sands; little or no fines, uniform sands	Predominantly one size or range of sizes with some intermediate sizes missing, not enough fines to bind coarse grains, no dry strength			0-5	-	Fails to comply with above		
			SM	Silty sands, sand-silt mixtures	'Dirty' materials with excess of non-plastic fines, zero to medium dry strength			12-50	Below 'A' line or $I_p<4$	-	-	
		Fine 0.075	SC	Clayey sand, sand-clay mixtures	'Dirty' materials with excess of plastic fines, medium to high dry strength			12-50	Above 'A' line of $I_p>7$	-	-	
	FINE GRAINED SOILS (more than half of material less than 63mm is smaller than 0.075mm)	SILTS & CLAYS (liquid limit < 50%)	ML	Inorganic silts and very fine sands, rock flour, silty or clayey fine sands or clayey silts with slight plasticity	Dry Strength	Dilatancy	Toughness	More than 50% passing 0.075mm	Below 'A' line			
			None to low	Quick to slow	None	Above 'A' line						
CL, CI			Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays	Medium to high	None to very slow	Medium						
SILTS & CLAYS (liquid limit > 50%)		OL	Organic silts and organic silty clays of low plasticity	Low to medium	Slow	Low	Below 'A' line					
		MH	Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts	Low to medium	Slow to none	Low to medium	Below 'A' line					
		CH	Inorganic clays of medium to high plasticity, fat clays	High to very high	None	High	Above 'A' line					
		OH	Organic clays of medium to high plasticity, organic silts	Medium to high	None to very slow	Low to medium	Below 'A' line					
HIGHLY ORGANIC SOILS		Pt	Peat and highly organic soils	Identified by colour, odour, spongy feel and generally by fibrous texture			Effervesces with H ₂ O ₂					

Log Symbols & Abbreviations (Cored Borehole Log)

Log Column	Symbol	Description
Core Size	NQ NMLC HQ	Nominal Core Size (mm) 47 52 63
Water Loss	 	Complete water loss Partial water loss
Weathering	FR SW DW EW RS	Fresh Rock shows no sign of decomposition or staining Slightly Weathered Rock is slightly discoloured but shows little or no change of strength from fresh rock Distinctly Weathered Rock strength usually changed by weathering. The rock may be highly discoloured, usually by ironstaining. Porosity may be increased by leaching, or may be decreased by deposition of weathering products in pores Extremely Weathered Rock is weathered to such an extent that it has 'soil' properties, i.e. it either disintegrate or can be remoulded, in water Residual Soil Soil developed on extremely weathered rock; the mass structure and substance fabric are no longer evident; there is a large change in volume but soil has not been significantly transported
Strength	EL VL L M H VH EH	Term Extremely Low Very Low Low Medium High Very High Extremely High Point Load Strength Index (I_{p50} , MPa) ≤ 0.03 >0.03 >0.1 >0.3 >1 >3 >10 ≤ 0.1 ≤ 0.3 ≤ 1 ≤ 3 ≤ 10
Defect Spacing		Description Extremely closely spaced Very closely spaced Closely spaced Medium spaced Widely spaced Very widely spaced Extremely widely spaced Spacing (mm) <20 20 to 60 60 to 200 200 to 600 600 to 2000 2000 to 6000 >6000
Defect Description Type	Bp Fp Jo Sh Cs Ds Is	Bedding parting Foliation parting Joint Sheared zone Crushed seam Decomposed seam Infilled seam
Macro-surface geometry	St Cu Un Ir Pl	Stepped Curved Undulating Irregular Planar
Micro-surface geometry	Ro Sm Sl	Rough Smooth Slickensided
Coating or infilling	cn sn vn cg	clean stained vener coating

AS1726 – Identification of Sedimentary Rocks for Engineering Purposes

Grain Size mm		Bedded rocks (mostly sedimentary)										
More than 20	20	Grain Size Description		CONGLOMERATE Rounded boulders, cobbles and gravel cemented in a finer matrix Breccia Irregular rock fragments in a finer matrix		At least 50% of grains are of carbonate		At least 50% of grains are of fine-grained volcanic rock		SALINE ROCKS		
	6	RUDACEOUS										
	2											
	0.6	ARENACEOUS	Coarse	SANDSTONE Angular or rounded grains, commonly cemented by clay, calcite or iron minerals Quartzite Quartz grains and siliceous cement Arkose Many feldspar grains Greywacke Many rock chips	LIMESTONE and DOLOMITE (undifferentiated)		Calcarudite	Fragments of volcanic ejecta in a finer matrix Rounded grains AGGLOMERATE Angular grains VOLCANIC BRECCIA		Halite		
	0.2		Medium									
	0.06		Fine									
	0.002		ARGILLACEOUS									MUDSTONE
Less than 0.002	SHALE Fissile	CLAYSTONE Mostly clay		Calcilutite	Very fine-grained TUFF							
Amorphous or crypto-crystalline				Flint: occurs as hands of nodules in the chalk Chert: occurs as nodules and beds in limestone and calcareous sandstone								COAL LIGNITE
				Granular cemented – except amorphous rocks								
				SILICEOUS		CALCAREOUS		SILICEOUS		CARBONACEOUS		
				SEDIMENTARY ROCKS Granular cemented rocks vary greatly in strength, some sandstones are stronger than many Igneous rocks. Bedding may not show in hand specimens and is best seen in outcrop. Only sedimentary rocks, and some metamorphic rocks derived from them, contain fossils Calcareous rocks contain calcite (calcium carbonate) which effervesces with dilute hydrochloric acid								

AS1726 – Identification of Metamorphic and Igneous Rocks for Engineering Purposes

Obviously foliated rocks (mostly metamorphic)			Rocks with massive structure and crystalline texture (mostly igneous)						Grain size (mm)	
Grain size description	GNEISS Well developed but often widely spaced foliation sometimes with schistose bands Migmatite Irregularly foliated: mixed schists and gneisses		MARBLE QUARTZITE Granulite HORNFELS Amphibolite Serpentine	Grain size description	Pegmatite		GABBRO	Pyrosenite	More than 20	
COARSE				COARSE	GRANITE	Diorite		Peridorite	20	
					These rocks are sometimes porphyritic and are then described, for example, as porphyritic granite					6
MEDIUM				MEDIUM	Microrgranite	Microdiorite		Dolerite	0.6	
	These rocks are sometimes porphyritic and are then described as porphyries		0.2							
					0.06					
FINE	PHYLLITE Slightly undulose foliation; sometimes 'spotted'	FINE	RHYOLITE	ANDESITE		BASALT	0.002			
			These rocks are sometimes porphyritic and are then described as porphyries		Less than 0.002					
	Mylonite Found in fault zones, mainly in igneous and metamorphic areas		Obsidian	Volcanic glass			Amorphous or cryptocrystalline			
CRYSTALLINE				Pale<----->Dark						
SILICEOUS		Mainly SILICEOUS		ACID Much quartz	INTERMEDIATE Some quartz	BASIC Little or no quartz	ULTRA BASIC			
METAMORPHIC ROCKS Most metamorphic rocks are distinguished by foliation which may impart fissility. Foliation in gneisses is best observed in outcrop. Non-foliated metamorphics are difficult to recognize except by association. Any rock baked by contact metamorphism is described as 'hornfels' and is generally somewhat stronger than the parent rock Most fresh metamorphic rocks are strong although perhaps fissile			IGNEOUS ROCKS Composed of closely interlocking mineral grains. Strong when fresh; not porous Mode of occurrence : 1 Batholith; 2 Laccoliths; 3 Sills; 4 Dykes; 5 Lava Flows; 6 Veins							

ATTACHMENT C

TABLE A
TRIP SPIKE SAMPLE
(Ref No: 13188/4-AA)

ANALYTES	Trip Spike TS1
BTEX	
Benzene	100%
Toluene	107%
Ethyl Benzene	99%
Xylenes	100%

Note : results are reported as percentage recovery of known spike concentrations

TABLE B
DUPLICATE SAMPLE
(Ref No: 13188/4-AA)

ANALYTES	BH11 0-0.15m mg/kg	Duplicate D1 mg/kg	RELATIVE PERCENTAGE DIFFERENCES (RPD) %
METALS			
Arsenic	<3	<3	-
Cadmium	0.4	<0.3	-
Chromium	37	18	69
Copper	29	29	0
Lead	10	6	50
Mercury	0.01	<0.01	-
Nickel	36	6.7	137
Zinc	49	27	58
TOTAL PETROLEUM HYDROCARBONS (TPH)			
F1 (C6-C10 less BTEX)	<25	<25	-
F2 (>C10-C16)	<25	<25	-
F3 (>C16-C34)	<90	<90	-
F4 (>C34-C40)	<120	<120	-
BTEX			
Benzene	<0.1	<0.1	-
Toluene	<0.1	<0.1	-
Ethyl Benzene	<0.1	<0.1	-
Xylenes	<0.3	<0.3	-
POLYCYCLIC AROMATIC HYDROCARBONS			
Benzo(a)Pyrene TEQ	<0.3	<0.3	-
Total PAH	1	<0.8	-
Naphthalene	<0.1	<0.1	-
Benzo(a)Pyrene	<0.1	<0.1	-
ORGANOCHLORINE PESTICIDES (OCP)			
Hexachlorobenzene (HCB)	<0.1	<0.1	-
Heptachlor	<0.1	<0.1	-
Aldrin+Dieldrin	<0.15	<0.15	-
Endrin	<0.2	<0.2	-
Methoxychlor	<0.1	<0.1	-
Mirex	<0.1	<0.1	-
Endosulfan (alpha, beta & sulphate)	<0.5	<0.5	-
DDD+DDE+DDT	<0.6	<0.6	-
Chlordane (alpha & gamma)	<0.2	<0.2	-
POLYCHLORINATED BIPHENYLS (PCB)			
Total PCB	<1	<1	-
CYANIDES & PHENOLS			
Cyanides	<0.5	<0.5	-
Phenols	<5	<5	-

TABLE C
SPLIT SAMPLE
(Ref No: 13188/4-AA)

ANALYTES	BH13 0-0.15m mg/kg (SGS)	Split Sample S1 mg/kg (ENVIROLAB)	RELATIVE PERCENTAGE DIFFERENCES (RPD) %
METALS			
Arsenic	6	4	40
Cadmium	0.5	<0.4	-
Chromium	16	15	6
Copper	20	35	55
Lead	24	15	46
Mercury	0.02	<0.1	-
Nickel	7.5	14	60
Zinc	32	32	0
TOTAL PETROLEUM HYDROCARBONS (TPH)			
F1 (C6-C10 less BTEX)	<25	<25	-
F2 (>C10-C16)	<25	<50	-
F3 (>C16-C34)	<90	<100	-
F4 (>C34-C40)	<120	<100	-
BTEX			
Benzene	<0.1	<0.2	-
Toluene	<0.1	<0.5	-
Ethyl Benzene	<0.1	<1	-
Xylenes	<0.3	<3	-
POLYCYCLIC AROMATIC HYDROCARBONS (PAH)			
Benzo(a)Pyrene TEQ	<0.3	<0.5	-
Total PAH	<0.8	<1.55	-
Naphthalene	<0.1	<0.1	-
Benzo(a)Pyrene	<0.1	<0.05	-
ORGANOCHLORINE PESTICIDES (OCP)			
Hexachlorobenzene (HCB)	<0.1	<0.1	-
Heptachlor	<0.1	<0.1	-
Aldrin+Dieldrin	<0.15	<0.2	-
Endrin	<0.2	<0.1	-
Methoxychlor	<0.1	<0.1	-
Mirex	<0.1	-	-
Endosulfan (alpha (I), beta (II) & sulphate)	<0.5	<0.3	-
DDD+DDE+DDT	<0.6	<0.3	-
Chlordane (alpha & gamma)	<0.2	<0.2	-
POLYCHLORINATED BIPHENYLS (PCB)			
Total PCB	<1	<0.7	-
CYANIDES & PHENOLS			
Cyanides	<0.5	<0.5	-
Phenols	<5	<5	-

TABLE D1
METALS, CATION EXCHANGE CAPACITY (CEC) & pH TEST RESULTS
DISCRETE SAMPLES
(Ref No: 13188/4-AA)

		METALS (mg/kg)								CEC (cmol/kg)	pH
		ARSENIC	CADMIUM	CHROMIUM (Total)	COPPER	LEAD	MERCURY	NICKEL	ZINC		
Sample Location	Depth (m)										
BH11	2.5-2.8	5	0.3	13	5.1	16	0.01	0.6	4.4	3.5	4.9
BH12	0-0.15	4	<0.3	12	17	19	0.02	4.9	26	8.4	7
BH12	1.5-1.8	6	0.3	12	16	21	0.02	2.2	21	-	-
BH13	0-0.15	6	0.5	16	20	24	0.02	7.5	32	10	7.9
BH13	1.5-1.8	6	0.4	13	6.8	20	0.01	1.4	8.8	8.1	7.2
BH14	0-0.15	4	0.3	14	16	20	0.11	6.3	36	-	-
BH14	2.0-2.1	<3	<0.3	19	4	7	0.03	2.1	100	-	-
BH15	0-0.15	6	0.4	13	21	28	0.01	5.5	36	-	-
BH15	0.5-0.8	5	0.4	14	21	29	0.02	6.4	32	12	7.1
BH16	0.5-0.8	5	0.3	16	19	19	0.02	5.5	22	-	-
BH16	1.5-1.8	<3	<0.3	32	21	19	0.03	2.4	34	2.6	9
Limits of Reporting (LOR)		3	0.3	0.5	0.5	1	0.05	0.5	0.5	0.02	-
NATIONAL ENVIRONMENT PROTECTION AMENDMENT MEASURE (2013)											
Health-based Investigation Levels (HIL) ^a B - Residential B		500	150	500 ^c	30000	1200	30 ^d	1200	60000		
Ecological Investigation Levels (EIL) ^b Urban residential		100 ^e	-	400 ^f	95	1100 ^g	-	10	160		
GUIDELINES FOR THE NSW SITE AUDITOR SCHEME (2006)											
Provisional Phytotoxicity-Based Investigation Levels (PIL)		3				1					

- Notes:
- a: Residential with minimal opportunities for soil access; includes dwellings with fully and permanently paved yard space such as high-rise buildings and apartments.
 - b: EIL of aged chromium(III), nickel & zinc were derived from calculation spreadsheet developed by CSIRO for NEPC; old NSW suburb with low traffic volume; the low est CEC=2.6 cmolc/kg & pH=4.9; the assumed clay content=10 % were selected for derivation of EIL; a conservative approach.
 - EIL of aged copper was calculated based on the pH and the CEC of the sample analysed and the low est value of the ACL was adopted.
 - c: Chromium (VI)
 - d: Methyl Mercury
 - e: Generic EIL for aged arsenic
 - f: Chromium (III)
 - g: Generic added contaminant limit for aged lead + ambient background concentration; old NSW suburb with low traffic volume.

TABLE D2
METALS, CATION EXCHANGE CAPACITY (CEC) & pH TEST RESULTS
DISCRETE SAMPLE
(Ref No: 13188/4-AA)

		METALS (mg/kg)								CEC (cmol/kg)	pH
		ARSENIC	CADMIUM	CHROMIUM (Total)	COPPER	LEAD	MERCURY	NICKEL	ZINC		
Sample Location	Depth (m)										
BH11	0-0.15	<3	0.4	37	29	10	0.01	36	49	14	9.1
Limits of Reporting (LOR)		3	0.3	0.5	0.5	1	0.05	0.5	0.5	0.02	-
NATIONAL ENVIRONMENT PROTECTION AMENDMENT MEASURE (2013)											
Health-based Investigation Levels (HIL) ^a B - Residential B		500	150	500 ^c	30000	1200	30 ^d	1200	60000		
Ecological Investigation Levels (EIL) ^b Urban residential		100 ^e	-	410 ^f	190	1100 ^g	-	210	600		
GUIDELINES FOR THE NSW SITE AUDITOR SCHEME (2006)											
Provisional Phytotoxicity-Based Investigation Levels (PIL)		3				1					

- Notes:
- a: Residential with minimal opportunities for soil access; includes dwellings with fully and permanently paved yard space such as high-rise buildings and apartments.
 - b: EIL of aged chromium(III), nickel & zinc were derived from calculation spreadsheet developed by CSIRO for NEPC; old NSW suburb with low traffic volume; CEC=14 cmolc/kg & pH=9.1; the assumed clay content=10 % were selected for derivation of EIL; a conservative approach.
 - EIL of aged copper was calculated based on the pH and the CEC of the sample analysed and the lower value of the two ACL was adopted.
 - c: Chromium (VI)
 - d: Methyl Mercury
 - e: Generic EIL for aged arsenic
 - f: Chromium (III)
 - g: Generic added contaminant limit for aged lead + ambient background concentration; old NSW suburb with low traffic volume.

TABLE E
TOTAL RECOVERABLE HYDROCARBONS (TRH) AND BTEX TEST RESULTS
DISCRETE SAMPLES
(Ref No: 13188/4-AA)

												NATIONAL ENVIRONMENT PROTECTION AMENDMENT MEASURE (2013)																											
Sample Location Depth (m) Soil type			TRH (mg/kg)					BTEX (mg/kg)				Health Screening Levels (HSL) B High density residential						Ecological Screening Levels for fine-grained soil Urban residential								Ecological Screening Levels for coarse-grained soil Urban residential													
			F1	F2*	F2**	F3	F4	BENZENE	TOLUENE	ETHYLBENZENE	XYLENES	F1	F2*	BENZENE	TOLUENE	ETHYLBENZENE	XYLENES	F1	F2**	F3	F4	BENZENE	TOLUENE	ETHYLBENZENE	XYLENES	F1	F2**	F3	F4	BENZENE	TOLUENE	ETHYLBENZENE	XYLENES						
BH11	0-0.15	sand	<25	<25	<25	<90	<120	<0.1	<0.1	<0.1	<0.3	45	110	0.5	160	55	40	-	-	-	-	-	-	-	-	180	120	300	2800	50	85	70	105						
BH11	2.5-2.8	sand	<25	<25	<25	<90	<120	<0.1	<0.1	<0.1	<0.3	110	440	0.5	310	NL	95	-	-	-	-	-	-	-	-	180	120	300	2800	50	85	70	105						
BH12	0-0.15	sand	<25	<25	<25	<90	<120	<0.1	<0.1	<0.1	<0.3	45	110	0.5	160	55	40	-	-	-	-	-	-	-	-	180	120	300	2800	50	85	70	105						
BH12	1.5-1.8	sand	<25	<25	<25	<90	<120	<0.1	<0.1	<0.1	<0.3	70	240	0.5	220	NL	60	-	-	-	-	-	-	-	-	180	120	300	2800	50	85	70	105						
BH13	0-0.15	sand	<25	<25	<25	<90	<120	<0.1	<0.1	<0.1	<0.3	45	110	0.5	160	55	40	-	-	-	-	-	-	-	-	180	120	300	2800	50	85	70	105						
BH13	1.5-1.8	sand	<25	<25	<25	<90	<120	<0.1	<0.1	<0.1	<0.3	70	240	0.5	220	NL	60	-	-	-	-	-	-	-	-	180	120	300	2800	50	85	70	105						
BH14	0-0.15	sand	<25	<25	<25	<90	<120	<0.1	<0.1	<0.1	<0.3	45	110	0.5	160	55	40	-	-	-	-	-	-	-	-	180	120	300	2800	50	85	70	105						
BH15	0-0.15	sand	<25	<25	<25	<90	<120	<0.1	<0.1	<0.1	<0.3	45	110	0.5	160	55	40	-	-	-	-	-	-	-	-	180	120	300	2800	50	85	70	105						
BH15	0.5-0.8	sand	<25	<25	<25	<90	<120	<0.1	<0.1	<0.1	<0.3	45	110	0.5	160	55	40	-	-	-	-	-	-	-	-	180	120	300	2800	50	85	70	105						
BH16	0.5-0.8	sand	<25	<25	<25	<90	<120	<0.1	<0.1	<0.1	<0.3	45	110	0.5	160	55	40	-	-	-	-	-	-	-	-	180	120	300	2800	50	85	70	105						
BH16	1.5-1.8	sand	<25	<25	<25	<90	<120	<0.1	<0.1	<0.1	<0.3	70	240	0.5	220	NL	60	-	-	-	-	-	-	-	-	180	120	300	2800	50	85	70	105						
Limits of Reporting (LOR)			25	25	25	90	120	0.1	0.1	0.1	0.3																												

Notes: F1: C6-C10 less BTEX
F2*: >C10-C16 less Naphthalene
F2**: >C10-C16
F3: >C16-C34
F4: >C34-C40
NL: Not Limiting

TABLE F
POLYCYCLIC AROMATIC HYDROCARBONS (PAH) TEST RESULTS
DISCRETE SAMPLES
(Ref No: 13188/4-AA)

NATIONAL ENVIRONMENT PROTECTION AMENDMENT MEASURE (2013)											
			PAH (mg/kg)				Health-based Investigation Levels (HIL) B ^a Residential B		Health Screening Level (HSL) B - High density residential	Generic Ecological Investigation Level (EIL) - Urban residential	Ecological Screening Level (ESL) - Urban residential
Sample Location	Depth (m)	Soil type	BaP TEQ	TOTAL PAHs	NAPHTHALENE	BENZO(a)PYRENE (BaP)	BaP TEQ	TOTAL PAHs	NAPHTHALENE	NAPHTHALENE	BENZO(a)PYRENE (BaP)
			BaP TEQ	TOTAL PAHs	NAPHTHALENE	BENZO(a)PYRENE (BaP)					
BH11	0-0.15	sand	<0.3	1	<0.1	<0.1	4	400	3	170	0.7
BH11	2.5-2.8	sand	<0.3	<0.8	<0.1	<0.1	4	400	NL	170	0.7
BH12	0-0.15	sand	<0.3	<0.8	<0.1	<0.1	4	400	3	170	0.7
BH12	1.5-1.8	sand	<0.3	<0.8	<0.1	<0.1	4	400	NL	170	0.7
BH13	0-0.15	sand	<0.3	1	<0.1	<0.1	4	400	3	170	0.7
BH13	1.5-1.8	sand	<0.3	<0.8	<0.1	<0.1	4	400	NL	170	0.7
BH14	0-0.15	sand	<0.3	<0.8	<0.1	<0.1	4	400	3	170	0.7
BH15	0-0.15	sand	<0.3	<0.8	<0.1	<0.1	4	400	3	170	0.7
BH15	0.5-0.8	sand	<0.3	<0.8	<0.1	<0.1	4	400	3	170	0.7
BH16	0.5-0.8	sand	<0.3	<0.8	<0.1	<0.1	4	400	3	170	0.7
BH16	1.5-1.8	sand	1.4	11	<0.1	1	4	400	NL	170	0.7
Limits of Reporting (LOR)			0.3	0.8	0.1	0.1					

Notes: a: Residential with minimal opportunities for soil access; includes dwellings with fully and permanently paved yard space such as high-rise buildings and apartments.

NL: Not Limiting

TABLE G
ORGANOCHLORINE PESTICIDES (OCP), POLYCHLORINATED BIPHENYLS (PCB), CYANIDES & PHENOLS TEST
DISCRETE SAMPLES
(Ref No: 13188/4-AA)

Sample Location	Depth (m)	OCP (mg/kg)										(mg/kg)	(mg/kg)	(mg/kg)
		HEXACHLOROBENZENE (HCB)	HEPTACHLOR	ALDRIN+DIELDRIN	ENDRIN	METHOXYCHLOR	MIREX	ENDOSULFAN (alpha, beta & sulphate)	DDD+DDE+DDT	DDT	CHLORDANE (alpha & gamma)			
BH11	0-0.15	<0.1	<0.1	<0.15	<0.2	<0.1	<0.1	<0.5	<0.6	<0.2	<0.2	<1	<0.5	<5
BH11	2.5-2.8	<0.1	<0.1	<0.15	<0.2	<0.1	<0.1	<0.5	<0.6	<0.2	<0.2	<1	-	-
BH12	0-0.15	<0.1	<0.1	<0.15	<0.2	<0.1	<0.1	<0.5	<0.6	<0.2	<0.2	<1	<0.5	<5
BH12	1.5-1.8	<0.1	<0.1	<0.15	<0.2	<0.1	<0.1	<0.5	<0.6	<0.2	<0.2	<1	-	-
BH13	0-0.15	<0.1	<0.1	<0.15	<0.2	<0.1	<0.1	<0.5	<0.6	<0.2	<0.2	<1	<0.5	<5
BH13	1.5-1.8	<0.1	<0.1	<0.15	<0.2	<0.1	<0.1	<0.5	<0.6	<0.2	<0.2	<1	-	-
BH14	0-0.15	<0.1	<0.1	<0.15	<0.2	<0.1	<0.1	<0.5	<0.6	<0.2	<0.2	<1	<0.5	<5
BH15	0-0.15	<0.1	<0.1	<0.15	<0.2	<0.1	<0.1	<0.5	<0.6	<0.2	<0.2	<1	<0.5	<5
BH15	0.5-0.8	<0.1	<0.1	<0.15	<0.2	<0.1	<0.1	<0.5	<0.6	<0.2	<0.2	<1	-	-
BH16	0.5-0.8	<0.1	<0.1	<0.15	<0.2	<0.1	<0.1	<0.5	<0.6	<0.2	<0.2	<1	<0.5	<5
BH16	1.5-1.8	<0.1	<0.1	<0.15	<0.2	<0.1	<0.1	<0.5	<0.6	<0.2	<0.2	<1	-	-
Limits of Reporting (LOR)		0.1	0.1	0.15	0.2	0.1	0.1	0.5	0.6	0.2	0.2	1	0.1	0.1
NATIONAL ENVIRONMENT PROTECTION AMENDMENT MEASURE (2013)														
Health-based Investigation Levels (HIL) ^a - Residential B		15	10	10	20	500	20	400	600		90	1	300	45000
Ecological Investigation Levels (EIL) - Urban residential														

Notes: a: Residential with minimal opportunities for soil access; includes dwellings with fully and permanently paved yard space such as high-rise buildings and apartments.

b: Generic EIL for DDT

TABLE H
ASBESTOS TEST RESULTS
DISCRETE SAMPLES
(Ref No: 13188/4-AA)

Sample Location	Depth (m)	ASBESTOS
BH11	0-0.15	No Friable Asbestos exceeded the laboratory limit of reporting of 0.001%w /w
BH11	2.5-2.8	No Friable Asbestos exceeded the laboratory limit of reporting of 0.001%w /w
BH12	0-0.15	No Friable Asbestos exceeded the laboratory limit of reporting of 0.001%w /w
BH13	0-0.15	No Friable Asbestos exceeded the laboratory limit of reporting of 0.001%w /w
BH14	0-0.15	No Friable Asbestos exceeded the laboratory limit of reporting of 0.001%w /w
BH15	0-0.15	No Friable Asbestos exceeded the laboratory limit of reporting of 0.001%w /w
BH16	0.5-0.8	No Friable Asbestos exceeded the laboratory limit of reporting of 0.001%w /w

ATTACHMENT D

IMPORTANT INFORMATION REGARDING YOUR ENVIRONMENTAL SITE ASSESSMENT

These notes have been prepared by Geotechnique Pty Ltd, using guidelines prepared by the ASFE (Associated Soil and Foundation Engineers). The notes are offered to assist in the interpretation of your environmental site assessment report.

REASONS FOR AN ENVIRONMENTAL ASSESSMENT

Environmental site assessments are typically, though not exclusively, performed in the following circumstances:

- As a pre-acquisition assessment on behalf of a purchaser or a vendor, when a property is to be sold
- As a pre-development assessment, when a property or area of land is to be redeveloped, or the land use has changed, e.g. from a factory to a residential subdivision
- As a pre-development assessment of greenfield sites, to establish baseline conditions and assess environmental, geological and hydrological constraints to the development of e.g. a landfill
- As an audit of the environmental effects of previous and present site usage

Each circumstance requires a specific approach to assessment of soil and groundwater contamination. In all cases the objective is to identify and if possible quantify the risks that unrecognised contamination poses to the ongoing proposed activity. Such risks may be financial (clean-up costs or limitations in site use) and physical (health risks to site users or the public).

ENVIRONMENTAL SITE ASSESSMENT LIMITATIONS

Although information provided by an environmental site assessment can reduce exposure to the risk of the presence of contamination, no environmental site assessment can eliminate the risk. Even a rigorous professional assessment might not detect all contamination within a site. Contaminants could be present in areas that were not surveyed or sampled, or migrate to areas that did not show signs of contamination when sampled. Contaminant analysis cannot possibly cover every type of contaminant that may occur; only the most likely contaminants are screened.

AN ENVIRONMENTAL SITE ASSESSMENT REPORT IS BASED ON A UNIQUE SET OF PROJECT SPECIFIC FACTORS

In the following events and in order to avoid cost problems, you should ask your consultant to assess any changes in the conclusion and recommendations made in the assessment:

- When the nature of the proposed development is changed e.g. if a residential development is proposed, rather than a commercial development
- When the size or configuration of the proposed development is altered e.g. if a basement is added
- When the location or orientation of the proposed structure is modified
- When there is a change of land ownership, or
- For application to an adjacent site

ENVIRONMENTAL SITE ASSESSMENT FINDINGS ARE PROFESSIONAL ESTIMATES

Site assessment identifies actual sub-surface conditions only at those points where samples are taken, when they are taken. Data obtained from the sampling and subsequent laboratory analyses are interpreted by geologists, engineers or scientists and opinions are drawn about the overall sub-surface conditions, the nature and extent of contamination, the likely impact on any proposed development and appropriate remediation measures. Actual conditions may differ from those inferred, because no professional, no matter how qualified and no sub-surface exploration program, no matter how comprehensive, can reveal what is hidden by earth, rock and time. The actual interface between materials may be far more gradual or abrupt than an assessment indicates. Actual conditions in areas not sampled may differ from predictions. Nothing can be done to prevent the unanticipated, however, steps can be taken to help minimise the impact. For this reason site owners should retain the services of their consultants throughout the development stages of the project in order to identify variances, conduct additional tests that may be necessary and to recommend solutions to problems encountered on site.

Soil and groundwater contamination is a field in which legislation and interpretation of legislation by government departments is changing rapidly. Whilst every attempt is made by Geotechnique Pty Ltd to be familiar with current policy, our interpretation of the investigation findings should not be taken to be that of the relevant authority. When approval from a statutory authority is required for a project, approval should be directly sought.

STABILITY OF SUB-SURFACE CONDITIONS

Sub-surface conditions can change by natural processes and site activities. As an environmental site assessment is based on conditions existing at the time of the investigation, project decisions should not be based on environmental site assessment data that may have been affected by time. The consultant should be requested to advise if additional tests are required.

ENVIRONMENTAL SITE ASSESSMENTS ARE PERFORMED FOR SPECIFIC PURPOSES AND CLIENTS

Environmental site assessments are prepared in response to a specific scope of work required to meet the specific needs of specific individuals e.g. an assessment prepared for a consulting civil engineer may not be adequate to a construction contractor or another consulting civil engineer.

An assessment should not be used by other persons for any purpose or by the client for a different purpose. No individual, other than the client, should apply an assessment, even for its intended purpose, without first conferring with the consultant. No person should apply an assessment for any purpose other than that originally contemplated, without first conferring with the consultant.

MISINTERPRETATION OF ENVIRONMENTAL SITE ASSESSMENTS

Costly problems can occur when design professionals develop plans based on misinterpretation of an environmental site assessment. In order to minimise problems, the environmental consultant should be retained to work with appropriate design professionals, to explain relevant findings and to review the adequacy of plans and specifications relative to contamination issues.

LOGS SHOULD NOT BE SEPARATED FROM THE REPORT

Borehole and test pit logs are prepared by environmental scientists, engineers or geologists, based upon interpretation of field conditions and laboratory evaluation of field samples. Logs are normally provided in our reports and these would not be redrawn for inclusion in site remediation or other design drawings, as subtle but significant drafting errors or omissions may occur in the transfer process. Photographic reproduction can eliminate this problem, however, contractors can still misinterpret the logs during bid preparation if separated from the text of the assessment. Should this occur, delays and disputes, or unanticipated costs may result.

To reduce the likelihood of borehole and test pit log misinterpretation, the complete assessment should be available to persons or organisations involved in the project, such as contractors, for their use. Denial of such access and disclaiming responsibility for the accuracy of sub-surface information does not insulate an owner from the attendant liability. It is critical that the site owner provides all available site information to persons and organisations, such as contractors.

READ RESPONSIBILITY CLAUSES CLOSELY

An environmental site assessment is based extensively on judgement and opinion; therefore, it is necessarily less exact than other disciplines. This situation has resulted in wholly unwarranted claims being lodged against consultants. In order to aid in prevention of this problem, model clauses have been developed for use in written transmittals. These are definitive clauses, designed to indicate consultant responsibility. Their use helps all parties involved recognise individual responsibilities and formulate appropriate action. Some of these definitive clauses are likely to appear in the environmental site assessment and you are encouraged to read them closely. Your consultant will be happy to give full and frank answers to any questions you may have.

APPENDIX H

WATERNSW RECORDS

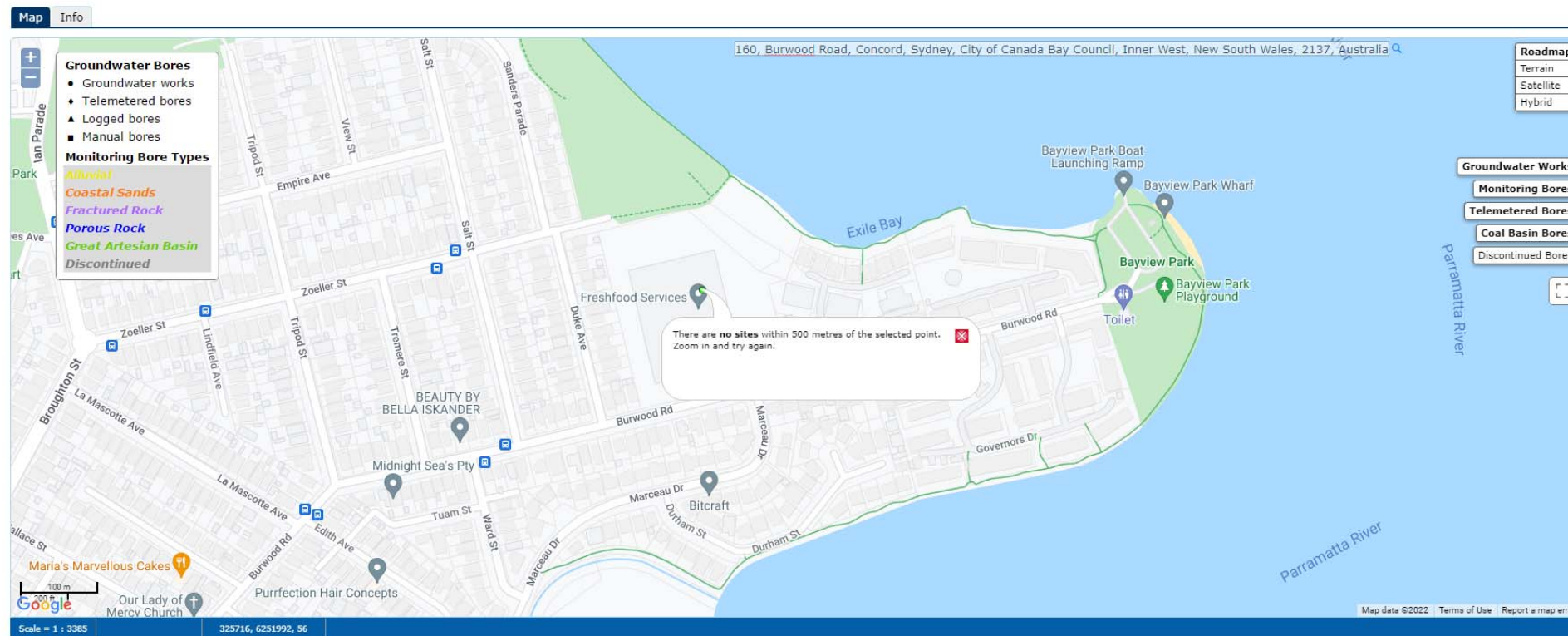


All Groundwater Site Details

ALL GROUNDWATER MAP

All data times are Eastern Standard Time

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APPENDIX I

ENVIRONMENTAL NOTES

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