

7-ELEVEN STORES PTY LTD

REMEDIATION ACTION PLAN FOR UPSS REPLACEMENT 7-ELEVEN DEE WHY SERVICE STATION (STORE ID: 2212)

940 PITTWATER AVENUE & HAWKESBURY
AVENUE, DEE WHY, NSW 2099

JANUARY 2020



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Remediation Action Plan for UPSS Replacement 7-Eleven Dee Why Service Station
(Store ID: 2212)

940 Pittwater Avenue & Hawkesbury Avenue, Dee Why, NSW 2099

7-Eleven Stores Pty Ltd

WSP

Level 27, 680 George Street

Sydney NSW 2000

GPO Box 5394


Sydney NSW 2001

Tel: +61 2 9272 5100

Fax: +61 2 9272 5101

wsp.com

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	NAME	DATE	SIGNATURE
Prepared by:	Wendy Cadelago	13/12/2019	
Reviewed by:	Daniel Boland	13/12/2019	
Approved by:	Amy Valentine	19/12/2019	

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ABBREVIATIONS

ANZECC	Australian and New Zealand Environment and Conservation Council
ASRIS	Australian Soil Resource Information System
ASS	Acid sulfate soils
BTEXN	Benzene, toluene, ethylbenzene, xylene and naphthalene
CEMP	Construction environmental management plan
COPC	Contaminants of potential concern
CRC CARE	Cooperative Research Council for Contamination Assessment and Remediation for the Environment
CSIRO	Commonwealth Scientific and Industrial Research Organisation
DA	Development application
HIL	health based investigation levels
HSL	Health screening levels
LEP	Local environmental plan
LNAPL	Light non-aqueous phase liquid, liquid petroleum products usually detected on the groundwater table, also known as free product or separate phase.
LPG	Liquefied petroleum gas
mAHD	Metres above Australian Height Datum
mBGL	Metres below ground level
mBTOC	Metres below top of casing
mg/kg	Milligram per kilogram (or part per million)
mg/L	Milligram per litre (or part per million)
ND (nd)	Not detected above the PQL
NHMRC	National Health and Medical Research Council
NOHSC	National Occupational Health and Safety Commission
NSW DECCW	NSW Department of Environment, Climate Change and Water
NSW DUAP	NSW Department of Urban Affairs and Planning

NSW EPA	NSW Environmental Protection Agency
PAH	Polycyclic aromatic hydrocarbon
POEO Act	<i>Protection of the Environment Operations Act 1997</i>
RAP	Remediation action plan
SAS	Site audit statement
SEPP55	State Environmental Planning Policy No 55—Remediation of Land
STEL	Short term exposure limit
TWA	Time weighted average
UPSS	Underground petroleum storage system
UST	Underground storage tank/s
VOC	Volatile organic compound

EXECUTIVE SUMMARY

7-Eleven Stores Pty Ltd (7-Eleven) commissioned WSP Australia Pty Ltd (WSP) to prepare a remediation action plan (RAP) for the Dee Why service station (store ID: 2212) located at 940 Pittwater Road and Hawkesbury Avenue, Dee Why, NSW 2099 (the site). 7-Eleven is planning to replace the underground petroleum storage system (UPSS) at the site, consisting of six underground storage tanks (USTs) and their corresponding fuel infrastructure. A RAP is required to document the proposed remedial work associated with the fuel infrastructure and to provide a framework for the remediation and/or management of the hydrocarbon impacted soil in the vicinity of the fuel infrastructure to be removed. This RAP will be provided to Northern Beaches Council in conjunction with a development application (DA).

The UPSS replacement program comprises removal of at least six underground storage tanks (USTs), fuel bowisers and their associated fuel and vent lines. After the fuel infrastructure is removed, the soils around the infrastructure shall be excavated as necessary to remove contamination considered unsuitable for the continuing use of the site. Validation soil samples will be collected from the walls and the floor of the excavations. The soil samples will be tested for total recoverable hydrocarbons, benzene, toluene, ethylbenzene, xylene and naphthalene, polycyclic aromatic hydrocarbons and lead.

The site is to continue operating as a service station after the UPSS is replaced. The potential risks relating to remaining contaminants in soil and groundwater, if present, are intrusion of hydrocarbon vapours into buildings or shallow excavations at the site and direct contact with contaminated soil by intrusive maintenance workers at the site. Therefore, the soil results will be compared to the soil health screening levels (HSLs) for vapour intrusion risk and direct contact risk and health investigation levels (HILs) for combined exposure pathways of vapour intrusion to buildings and direct dermal contact or ingestion. When the soil in the excavation is validated, that is, less than the HSLs and/or HILs and/or not considered to pose risks to potential receptors, the new fuel infrastructure will then be installed in the excavations. Otherwise, additional excavation may be necessary to remove any significant contamination.

It is estimated the excavations will result in a minimum of 2,500 m³ of waste soil. The estimation is based on the size of the tanks to be removed and some allowance for excavation of fuel lines but does not include additional excavation volumes required if significant contamination (i.e. concentrations greater than nominated site assessment criteria) is encountered. The excavated soil will be assessed against the nominated site assessment criteria for its suitability to be re-used on-site. If the excavated soil is contaminated, that is, concentrations are greater than remediation criteria, it will be classified and disposed of at a licensed landfill or recycling facility. After the installation of the new fuel infrastructure, the excavation will be reinstated with re-used excavated soils and/or certified clean fill. While this RAP does not include a specific groundwater remediation plan, other than the source material removal achieved through the UPSS replacement, groundwater conditions at the site will be assessed following the UPSS replacement works and the requirement for any further assessment or remediation will be determined then.

A UPSS validation report should subsequently be prepared for submission to Council. The purpose of the validation report is to document the procedures and results of the UPSS removal, soil excavation and validation activities in accordance to the *Protection of the Environment (Underground Petroleum Storage Systems) Regulation (UPSS Regulation) 2014* (UPSS Regulation) and to illustrate that the site is suitable for continued use as a service station. The validation report will also include documentation for all soil disposed off-site and material imported to the site.

Given that the site will continue to be used for petroleum-based activities, there would not ordinarily be a requirement for a site audit statement (SAS), which can only be prepared and signed off by an EPA accredited site auditor. Additionally, there is no requirement under the UPSS Regulation for a SAS.

1 INTRODUCTION

1.1 PURPOSE

7-Eleven Stores Pty Ltd (7-Eleven) commissioned WSP Australia Pty Ltd (WSP) to prepare a remediation action plan (RAP) for the Dee Why service station (store ID: 2212) located at 940 Pittwater Road and Hawkesbury Avenue, Dee Why, NSW 2099 (the site).

7-Eleven is planning to replace the underground petroleum storage system (UPSS) at the site. A RAP is required to document the proposed remediation works associated with the tank replacement works and to provide a framework for the remediation and/or management of the hydrocarbon impacted soil near the fuel infrastructure to be removed. This RAP will be provided to Northern Beaches Council (Council) in conjunction with a development application (DA).

1.2 OBJECTIVE

The objective of the RAP is to document the remediation actions required and provide a framework for the work practices and environmental management techniques to be implemented while undertaking removal and replacement of the UPSS at the site.

1.3 SCOPE OF THE RAP

The RAP includes:

- a summary of the site conditions and surrounding environment
 - a summary of the known contamination status of the site and its surroundings
 - assessment of the data gaps that may require further investigation
 - identification of remediation goals
 - an outline of the validation requirements
 - timing and schedule of the remedial work
 - site management issues
 - contingency management issues
 - work health and safety (WHS) issues.
-

1.4 TECHNICAL FRAMEWORK

The RAP was prepared in general accordance with the following guidelines:

- *Contaminated Land Management Act 1997* (NSW)
- National Occupational Health and Safety Commission (NOHSC) 1995, *Adopted National Exposure Standards for Atmospheric Contaminants in the Occupational Environment*
- NSW Department of Environment, Climate Change and Water (NSW DECCW) 2008, *Guidelines for Implementing the Protection of the Environment Operations (Underground Storage Systems) Regulation 2008*

- NSW DECCW 2009, *Guidelines on the Duty to Report Contamination under the Contaminated Land Management Act 1997*
- NSW Department of Urban Affairs and Planning (NSW DUAP) 1998, *Managing Land Contamination. Planning Guidelines SEPP 55 – Remediation of Land*
- NSW Environmental Protection Agency (NSW EPA) 1997, *Guidelines for Consultants Reporting on Contaminated Sites*
- NSW EPA 2014, *Technical Note: Investigation of Service Station Sites*
- NSW EPA 2014, *Waste Classification Guidelines. Part 1: Classifying Waste*
- *National Environment Protection (Assessment of Site Contamination) Measure 1999* (NEPM; as amended 2013)
- *Protection of the Environment Operations Act 1997* (POEO Act; NSW)
- *Protection of the Environment (Underground Petroleum Storage Systems) Regulation 2014* (UPSS Regulation; NSW)

1.5 PREVIOUS ENVIRONMENTAL INVESTIGATIONS

The following previous environmental investigations were reviewed:

- Coffey Environments Pty Ltd (Coffey) 2009, *Groundwater Monitoring Well Report, Mobil Dee Why Service Station (NJ3561), 940 Pittwater Road, Dee Why NSW 2099*
- Coffey 2010, *Groundwater Monitoring Well Report, Mobil Dee Why Service Station (NJ3561), 940 Pittwater Road, Dee Why NSW 2099*
- Parson Brinkerhoff Australia Pty Limited (Parsons Brinkerhoff, now WSP) 2011, *Groundwater Monitoring Event Report*
- Parsons Brinkerhoff 2012, *Environmental Site Assessment, 7-Eleven Service Station - 940 Pittwater Road & Hawkesbury Avenue, Dee Why, NSW (Site ID: 2212)*
- OTEK Australia Pty Ltd (OTEK) 2012, *Waste Classification, 7-Eleven Service Station Dee Why, 940 Pittwater Road, Dee Why, NSW*
- 7-Eleven National GME Program data, May 2013
- OTEK 2013, *7-Eleven, Groundwater Monitoring Event Report*
- Thiess Services Pty Ltd (Thiess) 2013, *Emergency Response - 7-Eleven Service Station, 940 Pittwater Road, Dee Why, NSW*
- Thiess 2014, *7-Eleven, Groundwater Monitoring Event Report*
- Thiess 2014a, *7-Eleven, Groundwater Monitoring Event Report*
- Thiess 2015, *7-Eleven, Groundwater Monitoring Event Report*
- Thiess 2015a, *7-Eleven, Groundwater Monitoring Event Report*
- Ventia Utility Services Pty Ltd (Ventia) 2016, *7-Eleven, Groundwater Monitoring Event Report*
- Ventia 2016a, *7-Eleven, Groundwater Monitoring Event Report*
- Ventia 2017, *7-Eleven, Groundwater Monitoring Event Report*
- Ventia 2017a, *7-Eleven, Groundwater Monitoring Event Report*

- Ventia 2018, *7-Eleven, Groundwater Monitoring Event Report*
- Ventia 2018a, *7-Eleven, Groundwater Monitoring Event Report*
- Ventia 2019, *7-Eleven, Groundwater Monitoring Event Report*

2 SITE BACKGROUND INFORMATION

2.1 SITE IDENTIFICATION AND DESCRIPTION

The site identification details are provided below in Table 2.1

Table 2.1 Site identification details

SITE DETAILS	SITE INFO
Site name and ID	Dee Why Service Station (Store ID: 2212)
Address	940 Pittwater Road & Hawkesbury Avenue, Dee Why NSW 2099
Identification	Lot 100 in deposited plan (DP) 628909
Area	1,885 m ²
Local government	Northern Beaches Council
Zoning	R3 - Medium Density Residential under the <i>Warringah Local Environmental Plan 2011</i>
Current site use	Service station
Proposed site use	Continued use as a service station

The site is located at 940 Pittwater Road on the corner of Hawkesbury Avenue, Dee Why NSW 2099. A site location plan is presented as Figure 1, Appendix A. The site is predominantly covered in concrete hardstand and is accessible by driveways on Pittwater Road and Hawkesbury Avenue. The elevation of the site is approximately 10 metres Australian Height Datum (mAHD) with a downward slope from the south-west to the north-east.

The existing site infrastructure includes a retail building located in the central portion of the L-shaped site, with a fuel canopy adjacent to Pittwater Road. There are four fuel dispensers beneath the canopy. Seven underground storage tanks (USTs) are present at the site; products and volumes are summarised in Table 2.2. The results of a search of records held by SafeWork NSW for storage of Hazardous Chemicals at the site is given in Appendix B.

Table 2.2 Summary of the site underground storage tanks

TANK ID	PRODUCT TYPE	VOLUME (L)	STATUS
T1	Unleaded petrol (ULP)	55,000	Active
T2	Ethanol-amended petrol (E10)	25,000	Active
T3	E10	24,000	Active
T4	Premium unleaded petrol (PULP)	26,000	Active
T5	Diesel	26,000	Active
T6	PULP	22,000	Active
T7	Liquefied petroleum gas (LPG)	17,000	Active

2.2 SURROUNDING LAND USE

The land use surrounding the site are described as follows:

- North: Three medium density residential properties, then bushland; Dee Why oval is approximately 150 m north

- East: Medium density residential properties and then bushland, then Dee Why Lagoon approximately 280 m east, followed by a strip of vegetation then a beach/the ocean approximately 920 m east
 - South: Hawkesbury Avenue followed by a commercial centre, with commercial properties along Pittwater Road and medium density residential properties beyond
 - West: Pittwater Road then predominantly medium density residential properties mixed with a few commercial properties; Dee Why Public School is located approximately 290 m west.
-

2.3 SITE ZONING

The site is zoned R3 - Medium Density Residential under the *Warringah Local Environmental Plan 2011*. As listed in the local environmental plan, the objectives of this zone are to:

- provide for the housing needs of the community within a medium density residential environment
- provide a variety of housing types within a medium density residential environment
- enable other land uses that provide facilities or services to meet the day to day needs of residents
- ensure that medium density residential environments are characterised by landscaped settings that are in harmony with the natural environment of Warringah
- ensure that medium density residential environments are of a high visual quality in their presentation to public streets and spaces.

Service stations are not listed as a permitted land use; however, neighbourhood shops are listed, under which category service station may fall.

2.4 PHYSICAL SETTING

2.4.1 TOPOGRAPHY, GEOLOGY AND HYDROGEOLOGY

The elevation of the site is approximately 10 mAHD, with the overall site topography gently sloping downwards to the north-east. This follows the surrounding topography that slopes north-east towards Dee Why Lagoon, the closest surface water body, located approximately 280 m east of the site.

The Sydney 1:100 000 Geological Sheet, number 9130, indicates that the site is on the border between Quaternary-aged silty to peaty quartz sand, silt and clay, and the Triassic-aged medium to coarse-grained quartz sandstone with very minor shale and laminate lenses.

Previous investigations have described the soil lithology at the site as fill, comprising sand, followed by sand with clay, underlain by clay (Coffey, 2009).

Groundwater typically stands at approximately 5 metres below ground level (mBGL). A review of the NSW registered bore database (<https://realtime.data.watarnsw.com.au/water.stm>), conducted on 2 December 2019, indicated that there are four registered bores within a 500 m radius of the site. One bore is a monitoring bore located on-site. One bore was registered for domestic purposes, and was installed to 3 mBGL in 2004, located approximately 220 m north-west at a residential property. One bore was registered for waste disposal purposes, installed in 1961, drilled to 82 mBGL and located approximately 290 m north-west at a residential property. One bore was registered for recreational purposes, installed in 2006 and drilled to 31.9 mBGL, located in Dee Why Park approximately 245 m north of the site.

2.4.2 ACID SULFATE SOILS

A review of the Commonwealth Scientific and Industrial Research Organisation (CSIRO) Australian Soil Resource Information System (ASRIS) database (<http://www.asris.csiro.au/mapping/viewer.htm>) and NSW Government Sharing and Enabling Environmental Data (SEED) (geo.seed.nsw.gov.au/Public_View) conducted on 2 December 2019 showed that the site is located within an area where there is an extremely low probability of the occurrence of acid sulfate soils. The site is listed as Class 5 in the *Warringah Local Environmental Plan 2011*, and is directly adjacent to Class 3 listed land. However, as the UPSS replacement program is not anticipated to include a lowering of the groundwater table, and with groundwater standing water levels at 5 m below surface, an acid sulfate soils management plan is not considered to be required for the works.

3 SUMMARY OF CONTAMINATION AND POTENTIAL HEALTH RISKS

3.1 SUMMARY OF PREVIOUS SITE INVESTIGATIONS

The site has operated as a service station from at least 2009. It was occupied by Mobil from 2009 until 2011 when 7-Eleven took over the site. Seven USTs have been present at the site since 2009, that store ULP, E10, PULP and LPG (Coffey, 2009). An uncontrolled release of an estimated 764 L of E10 unleaded petrol occurred in April 2013 from a dip point while a UST was being filled from a tanker. The fire brigade washed the forecourt and Pittwater Road gutter down to the stormwater drains downgradient of the site (Thiess, 2013).

Hydrocarbons have been detected in wells hydraulically downgradient of the tank pit, in samples collected from MW02 and MW04-MW06, as well as historically in groundwater sampled from well MW1. The groundwater monitoring well network initially comprised three groundwater monitoring wells installed by Coffey in 2009, with subsequent loss of MW1 in 2011 and installation of four wells to 7.2 mBGL by Parsons Brinckerhoff in 2012. Additionally, two tank pit wells were identified on-site in 2014 and were dry.

Groundwater flow direction has been inferred to the east/north-east at an estimated seepage velocity of <1 m/year (Coffey, 2009). Groundwater has been encountered at approximately 3.5-5 mBGL since 2009. Separate-phase product has not been observed in reports reviewed from the site dating back to 2009.

Based on works conducted by Coffey in 2009 and Parsons Brinckerhoff in 2012, soil lithology at the site comprises concrete at the surface followed by fill material comprising sandy clay/clayey sand with gravels underlain by sand and sandy clay to 7 mBGL. Petroleum hydrocarbons, polycyclic aromatic hydrocarbons (PAHs) and phenolic compounds were not detected in soil by Coffey in 2009. Lead has been detected at low concentrations in soil samples. Soil was analysed for hydrocarbons and lead by Parsons Brinckerhoff in 2012. Hydrocarbons in soil exceeded the adopted assessment criteria, from the NSW EPA (1994) *Guidelines for Assessing Service Station Sites*, at several locations and depths. Impacts were vertically delineated as deeper samples did not exceed the adopted criteria. OTEK undertook a waste classification of a soil stockpile at the site from a trench associated with fuel line replacement works in the southern portion of the site. The soil was classified as general solid waste (OTEK, 2012).

3.2 CONTAMINANTS OF POTENTIAL CONCERN

Based on the results of previous environmental investigations and the ongoing storage of fuels at the site, the contaminants of potential concern for the site were identified as:

- total recoverable hydrocarbons (TRH)
- benzene, toluene, ethylbenzene, xylene and naphthalene (BTEXN)
- PAHs.

Analysis of PAHs and heavy metal concentrations (arsenic, cadmium, chromium, copper, lead, mercury, nickel and zinc) may be necessary for waste classification purposes.

3.3 EXTENT OF HYDROCARBON CONTAMINATION

3.3.1 SOIL

The most recent soil investigation was performed by Parsons Brinckerhoff in 2012. The soil data collected in 2012 exceeded the NEPM (2013) health screening level (HSL) D criteria at two locations for benzene, in MW103 (1.4-1.5 mBGL) and SB102 ((1.0-1.1 mBGL). These sampling points were located in the north-western portion of the site, and in the central portion of the site between the fuel bowzers and the retail store.

3.3.2 GROUNDWATER

Historically, hydrocarbon impacts have been reported in monitoring wells MW1, that has been lost, and monitoring wells MW02, MW04-MW06, located down-hydraulic-gradient of the tank pit. The hydrocarbon impacts have been below HSL D criteria for all monitoring events. Concentrations of BTEXN compounds have also exceeded drinking water and freshwater ecosystem protection criteria. Hydrocarbon concentrations have generally been stable.

3.3.3 DATA GAPS

Data gaps which exist for the site include:

- soil impacts immediately surrounding the UPSS
- vapour intrusion risk from potentially hydrocarbon impacted soil to the on-site retail store.

3.4 CONCEPTUAL SITE MODEL

The site is in a residential zone, with commercial properties along Pittwater Road to the south. The subsurface geology at the site comprises of a fill material of sandy clay/clayey sand with gravels underlain by sand and sandy clay to a maximum investigated depth of 7.2 mBGL.

Historical data shows there is some hydrocarbon contamination at the site. Benzene in soils sampled from the north-western portion of the site, and in the central portion of the site between the fuel bowzers and the retail store, in 2012, exceeded the NEPM (2013) HSL D criteria for vapour intrusion from soils.. Groundwater down hydraulic-gradient of the tank pit has historically exceeded the drinking water and freshwater ecosystem protection criteria in groundwater sampled from well MW1, that has been lost, and monitoring wells MW02, MW04-MW06. TRH and BTEXN concentrations in groundwater sampled from the site have not and do not currently exceed the NEPM (2013) HSL D criteria for vapour intrusion form groundwater. The groundwater samples collected from MW02 and MW04-MW06 in 2019 indicate hydrocarbon concentrations are stable.

The potential human receptors of soil and groundwater impacts include the site users, on-site commercial workers, on-site excavation workers and on- and off-site underground utility workers. Potential ecological receptors include ecology of the closest water receptor, Dee Why Lagoon, located approximately 280 m east. The receptors may potentially be exposed to contaminants through vapour inhalation (on-site workers and users) and/or direct contact with soil and groundwater (excavation workers, workers in service trenches and ecology of Dee Why Lagoon).

Groundwater impacts on-site are not expected to impact off-site groundwater receptors (Dee Why Lagoon).

Table 3.1 Potentially complete exposure pathways

SOURCE	PATHWAY	RECEPTOR	LIKELIHOOD OF POTENTIAL POLLUTANT LINKAGES
ON-SITE			
Soil –impacted by fuel spills and leaks.	Ingestion of, and dermal contact with impacted soils.	Site workers	Unlikely: The site is covered with hardstand and soil is not accessible.
	Intrusion of vapour to proposed on-site retail building.	Site workers and users	Possible: Analytical results from 2012 showed benzene concentrations at SB102, collected at a depth of 1.0-1.1 mBGL, exceeded the assessment criteria for vapour intrusion (HSL D).
	Ingestion of, dermal contact with impacted soils.	Maintenance workers and excavation workers on-site (shallow trench).	Unlikely: Vapours unlikely to accumulate in an open trench and any excavation works or maintenance works on-site will be required to follow WHS guidelines to mitigate risks.
	Inhalation of vapours that accumulate in excavations or service trenches.		
Groundwater – hydrocarbon impacted groundwater.	Intrusion of vapours to on-site retail building.	Site workers and users	Unlikely: Recent groundwater analytical results showed volatile hydrocarbon concentrations below the assessment criteria (HSL D).
	Dermal contact and inhalation of vapours that accumulate in excavations or service trenches.	Construction and maintenance workers (shallow trench).	Unlikely: Recent groundwater analytical results showed volatile hydrocarbon concentrations below the assessment criteria (HSL D). Any excavation works or maintenance works on-site will be required to follow WHS guidelines to mitigate risks.
OFF-SITE			
Groundwater – hydrocarbon impacted groundwater.	Ingestion of, and dermal contact with groundwater.	Residential properties to the north and east	Unlikely: There are no registered groundwater bores to the north-east of the site based on a search of WaterNSW groundwater bore database, conducted on 3 December 2019.

SOURCE	PATHWAY	RECEPTOR	LIKELIHOOD OF POTENTIAL POLLUTANT LINKAGES
	Intrusion of vapours to buildings		Unlikely: Recent groundwater analytical results showed volatile hydrocarbon concentrations below the assessment criteria (HSL A).
ENVIRONMENTAL			
Groundwater – hydrocarbon contamination in groundwater beneath the site.	Lateral migration of impacted groundwater and discharge to surface water receptor.	Dee Why Lagoon	Unlikely: The nearest surface water body is Dee Why Lagoon, located approximately 280 m east. Considering the reported hydrocarbon concentrations and lithology at the site, it is deemed unlikely that Dee Why Lagoon would be at risk from groundwater impacted by hydrocarbons.

4 REMEDIATION APPROACH – SOURCE REMOVAL METHODOLOGY

4.1 PRELIMINARIES

Prior to commencement of remedial works at the site, the following activities would need to be completed:

- provision of the RAP to Northern Beaches Council
 - receipt of all relevant regulatory approvals for the tank replacement works
 - preparation of a health, environmental and safety plan (HESP) prior to commencement of site works
 - induction of all site personnel to ensure that they are aware of the health, environmental and safety management requirements relating to the excavation of potentially contaminated soils
 - confirmation that the contractor conducting the excavation has adequate safety equipment (for example, adequate fencing, barrier boards, barricades and warning signage) to secure the work area and minimise the danger to contractor personnel and the public for the duration of the tank replacement works.
-

4.2 GENERAL

All excavation works should be undertaken by licensed contractors, experienced in the decommissioning and removal of fuel infrastructure and the remediation of contaminated soils.

As a minimum, the following Codes of Practice are applicable to the work and a copy of each should be obtained by the contractor. Standards should be the most recent version available unless otherwise specified:

- AS 4976:200, The removal of underground storage tanks
- AS 1940 Section 9, The storage and handling of flammable and combustible liquids.

An environmental scientist should be present during the excavation works to assess the contamination status of the soil excavated from around the tanks and to determine whether further excavation of tank pit walls and floor is required to remove heavily contaminated soil.

4.3 PRIMARY SOURCE MATERIAL

The pavement will be broken to allow access to the tanks and fuel lines. Tanks must be cleaned prior to excavation by draining all product, vapour venting and de-gassing. Once tanks are cleaned they will be gas-tested for vapours and then deemed safe by an appropriately qualified person. The tank atmosphere and the excavation area shall be checked regularly for presence of vapour until the tank is removed from the site. Following removal, tanks must be properly labelled and disposed of.

All applicable permits must be obtained prior to the beginning of any work associated with tank clearance. All liquid product and residue removed from the tank shall be handled in accordance with appropriate standards and local regulations associated with environmentally hazardous materials and dangerous goods. The contractor shall submit written procedures to complete the following activities outlined below:

- draining pipes and pumping out tanks
- removal of pipework

- removal of tank from ground
 - labelling of tanks
 - transporting of tanks
 - tank destruction.
-

4.4 SOIL SAMPLING AND CHARACTERISATION

Following the tank removal and subsequent excavation, soil samples will be collected from the walls and floor of the excavation. All soil samples will be screened in the field using a handheld photo ionisation detector (PID) to measure indicative concentrations of volatile organic compounds (VOCs). Samples will be analysed for the contaminants of potential concern, i.e. TRH, BTEXN and PAHs.

The tank pit characterisation will be undertaken in accordance with the NSW EPA (2014b) *Technical Note: Investigation of Service Station Sites*. Section 2.6 of this technical note states that:

Where a UST is removed, as a guide, sampling should be one sample from beneath the centre of the UST if tank length is less than 4 m and at least one sample from each of the four walls. If the tank is 4–10 m long, at least two samples from each of the four walls and under each end. If the tank is longer than 10 m, at least three samples from each of the four walls and under each end are taken. This applies to each tank in the same tank pit.

Figure 3 of Appendix A, shows the proposed validation sampling locations. Quality assurance/quality control (QA/QC) samples will also have to be collected and analysed as described in Section 5.6.

The excavations will be left open while waiting for laboratory results. If validation samples exceed the nominated assessment reference values, further excavation may be required.

4.5 GROUNDWATER SAMPLING

Assessment of groundwater is to be undertaken at the completion of the soil remediation works. It is anticipated the at least two groundwater monitoring wells (MW01 and MW03) may need replacement if they are destroyed during excavation works or are unable to be sampled. Groundwater samples will be analysed for TRH, BTEXN, PAHs and lead.

4.6 REPORTING

At the completion of the site works, a UPSS validation report will be prepared in general accordance with the UPSS Regulation and guidance. The UPSS validation report will detail the methodologies and results of the validation works. A checklist of the reporting requirement is provided in the NSW DECCW (2008) *Guidelines for Implementing the Protection of the Environment Operation (Underground Petroleum Storage System) Regulation – Technical note: Site Validation Reporting*.

4.7 MANAGEMENT OF EXCAVATED SOILS

At least six USTs, the fuel bowzers and the fuel lines will be removed from the service station. A minimum of 2,500 m³ of waste soil is estimated to require excavation from the tank farm and around the fuel infrastructure. The volume of soil to be excavated was estimated based on the sizes of the tanks and some allowances for fuel lines, but does not include additional excavation required if significant contamination (i.e. concentrations greater than nominated site assessment criteria) is encountered.

The excavated soils shall be segregated into separate stockpiles based on field observations, such as soil type, field PID readings, visual and olfactory evidence of contamination and depths (i.e. above or below the tanks) where the soils are excavated. The NEPM (2013) Schedule B2, Guideline on Site Characterisation, outlines the minimum number of samples for assessment of stockpiles. For stockpile volumes less than 200 m³, the recommended sampling frequency is 1 per 25 m³. For stockpiles greater than 200 m³, lower sampling rates should be suitable for calculating the 95% upper confidence level (UCL). All the stockpile soil samples shall be analysed for TRH, BTEXN, PAHs and heavy metals (arsenic, cadmium, lead, mercury and nickel) to facilitate waste classification.

The excavated soils are likely to be disposed of at an approved landfill or soil recycling facility. However, some of the excavated soils may be suitable for re-use at the site if the contaminant concentrations are less than the site assessment criteria (see Tables 5.1 and 5.2). For assessment of disposal options, the soil results will be compared to guideline values in the waste classification guidelines (NSW EPA, 2014a; see Table 5.3).

The excavated soils will be temporarily stockpiled on-site while awaiting laboratory results. The soils are to be stockpiled on plastic sheets and the stockpile areas are to be securely bunded using silt fencing and silt socks and/or hay bales to prevent water or silt-laden runoff from entering or leaving the stockpiles or the site. Plastic sheeting may be required to be placed over the stockpile to minimise wind-blown dust and/or odours.

If the soils are disposed off-site, disposal dockets for tracking of waste will be maintained by the contractor for inclusion in the UPSS validation report.

4.8 REINSTATEMENT OF THE EXCAVATION

Following excavation and validation of the tank pit and the subsequent soil excavations, the new USTs will be installed into the excavation. The voids between the tanks and the pit will be reinstated. The fill used for reinstatement will be suitable for the intended use based on the following procedures.

4.8.1 REUSE OF EXCAVATED SOIL

Excavated soils with contaminant concentrations below the site assessment criteria may be reused on-site. The material should be assessed for its potential to pose risk to human and ecological receptors. The material will not be considered suitable for reuse if contaminant concentrations exceed assessment criteria or potential risks are identified.

4.8.2 VIRGIN EXCAVATED NATURAL MATERIAL

Where virgin excavated natural material (VENM) is required for backfilling, it should be certified as VENM and be assessed to determine that it is suitable for the intended use. This would involve:

- reviewing the history of the source of the material
- a visual inspection for foreign material or unusual staining
- confirmation sampling.

All analytical results are required to be less than the soil validation criteria reported in Section 5.3.

4.8.3 EXCAVATED NATURAL MATERIAL

Where excavated natural material (ENM) is to be imported to the site for use as backfill, the material should be assessed in accordance with the NSW EPA requirements under the *Resource Recovery Order under Part 9, Clause 93 of the Protection of the Environment Operations (Waste) Regulation 2014 (NSW Government, 2014)* prior to being imported to the site.

5 REMEDIATION GOALS AND STRATEGIES

5.1 REMEDIATION OBJECTIVES

The primary objective of the UPSS replacement is to install new tanks and lines, and at the same time to remove former fuel infrastructure and any significantly contaminated soil around the infrastructure. Another objective is to ensure that the site is suitable for continued use as a service station.

5.2 REMEDIATION CATEGORY UNDER STATE ENVIRONMENTAL PLANNING POLICY 55 (SEPP 55)

Based on the requirements of the SEPP 55 policy the proposed remediation works are classified as 'Category 2' remediation work, that is, work not requiring consent. Consent will be sought from Council for the construction works associated with the replacement of the UPSS.

5.3 SOIL VALIDATION CRITERIA

This RAP has been prepared for assessing the hydrocarbon impacts in soil at the site after the removal of the tanks. Therefore, the potential human receptors relevant to this investigation are the site operators and the excavation and maintenance workers at the service station. The exposure pathways identified were vapour intrusion into buildings and shallow trenches, dermal contact and ingestion. Based on the potential receptors identified and the exposure pathways, the applicable remediation criteria are the HSLs for vapour intrusion risk at commercial/industrial land use settings (HSL D) in sandy soils and health based investigation levels (HILs) for commercial and industrial settings (HIL D). The HSLs and HILs for commercial users are provided in the NEPM (2013). For the intrusive maintenance workers, the recommended assessment criteria for vapour and direct contact pathways provided in the Cooperative Research Council for Contamination Assessment and Remediation for the Environment (CRC CARE) Technical Report no. 10 (Friebel and Nadebaum, 2011) have been adopted.

Following the installation of the new tanks, the excavation will be reinstated with imported fill, and then paved with concrete. As the site will be used as a service station, the ecological screening levels (for the protection of plants and terrestrial organisms) for petroleum hydrocarbons have limited relevance and have not been included in the assessment.

The HSLs for the commercial site users and the intrusive maintenance workers are summarised in Table 5.1 and Table 5.2.

Table 5.1 Adopted soil HSLs and HILs for commercial/industrial land use

CHEMICAL	HSL D (mg/kg) IN SANDY SOILS ¹				HIL D ² (mg/kg)
	0 m to <1 m	1 m to <2 m	2 m to <4 m	4 m+	
TRH C ₆ -C ₁₀ minus BTEX (F1)	260	370	630	NL	-
TRH >C ₁₀ -C ₁₆ minus naphthalene (F2)	NL ⁴	NL	NL	NL	-
Benzene	3	3	3	3	-
Toluene	NL	NL	NL	NL	-
Ethylbenzene	NL	NL	NL	NL	-

CHEMICAL	HSL D (mg/kg) IN SANDY SOILS ¹				HIL D ² (mg/kg)
	0 m to <1 m	1 m to <2 m	2 m to <4 m	4 m+	
Xylenes	230	NL	NL	NL	-
Naphthalene	NL	NL	NL	NL	-
Carcinogenic PAHs (as BaP TEQ)	-	-	-	-	40
Total PAHs	-	-	-	-	4000
Lead	-	-	-	-	1500

(1) Table 1A(3) Soil HSLs for vapour intrusion (NEPM, 2013)

(2) Table 1A(1) Health investigation levels for soil contaminants (NEPM, 2013)

NL - not limiting

- criteria are not available

BaP TEQ – Benzo(a)pyrene toxicity equivalency quotient

Table 5.2 Adopted soil HSLs for intrusive maintenance workers

CHEMICAL	HSL (mg/kg) IN SANDY SOILS ¹		
	0 m to <2 m	2 m to <4 m	4 m+
TRH C ₆ -C ₁₀	NL	NL	NL
TRH >C ₁₀ -C ₁₆	NL	NL	NL
Benzene	77	160	
Toluene	NL	NL	NL
Ethylbenzene	NL	NL	NL
Xylenes	NL	NL	NL
Naphthalene	NL	NL	NL

(1) Table A3 Soil health screening levels for vapour intrusion (mg/kg) (CRC CARE Technical Report no. 10, Friebe and Nadebaum, 2011)

5.4 WASTE DISPOSAL CRITERIA

Prior to the transportation of soils off-site for disposal, the excavated soils shall be tested then classified. The classification of excavated soils will be in accordance with the NSW EPA (2014) *Waste Classification Guidelines. Part 1: Classifying Waste*. A summary of the waste classification criteria is included in Table 5.3.

Table 5.3 Waste classification guidelines

CHEMICAL	CT (WITHOUT TCLP) ¹		SCC (WITH TCLP) ²			
	MAXIMUM VALUE FOR CLASSIFICATION WITHOUT TCLP		MAXIMUM VALUES FOR LEACHABLE CONCENTRATION AND SPECIFIC CONTAMINANT CONCENTRATIONS WHEN USED TOGETHER			
	GENERAL SOLID (CT1)	RESTRICTED SOLID (CT2)	GENERAL SOLID		RESTRICTED SOLID	
			TCLP1	SCC1	TCLP2	SCC2
	(mg/kg)	(mg/kg)	(mg/L)	(mg/kg)	(mg/L)	(mg/kg)
TPH C ₆ -C ₉	650	2,600	N/A	650	N/A	2,600
TPH C ₁₀ -C ₃₆	10,000	40,000	N/A	10,000	N/A	40,000
Benzene	10	40	2	18	2	72
Toluene	288	1,152	57.6	518	57.6	2,073
Ethylbenzene	600	2,400	120	1080	120	4,320
Total xylene	1,000	4,000	200	1,800	200	7,200
Arsenic	100	400	5	500	20	2,000
Cadmium	20	80	1	100	4	400
Chromium (VI)	100	400	5	1,900	20	7,600
Lead	100	400	5	1,500	20	6,000
Mercury	4	16	0.2	50	0.8	200
Nickel	40	160	2	1,050	8	4,200

(1) Table 1 CT1 & CT2 values for classifying waste by chemical assessment without the TCLP test (Waste Classification Guidelines. Part 1: Classifying Waste, NSW EPA, 2014)

(2) Table 2 TCLP and SCC values for classifying waste by chemical assessment (Waste Classification Guidelines. Part 1: Classifying Waste, NSW EPA, 2014)

CT: Contaminant threshold

TCLP: Toxicity characteristic leaching procedure

SCC: Specific contaminant concentration

5.5 GROUNDWATER INVESTIGATION LEVELS

This RAP does not include specific remediation of groundwater at the site but historical groundwater monitoring at the site indicates that groundwater beneath the site is contaminated with hydrocarbons. In accordance with NSW DECCW (2009) *Guidelines for Implementing the Protection of the Environment Operation (Underground Petroleum Storage System) Regulation – Technical note: Site Validation Reporting*, the groundwater conditions at the site must be assessed following removal of UPSS and impacted soil at the site. A groundwater monitoring event will be carried out following UPSS removal. Any wells damaged during the UPSS replacement will need to be re-installed prior to groundwater monitoring.

To assess the significance of contaminant concentrations in groundwater encountered during the investigation, reference is made to the NEPM (2013) guidelines, specifically Schedule B1 Guideline on Investigation Levels for Soil and Groundwater (Schedule B1). Schedule B1 of the NEPM (2013) defines groundwater investigation levels (GILs) that have

been developed for a broad range of metals and organic contaminants in groundwater. GILs are based on the following guidelines:

- Australian and New Zealand Conservation Council (ANZECC)/ Agriculture, and Resource Management Council of Australia and New Zealand (ARMCANZ) 2000, *National water quality management strategy. Australian and New Zealand guidelines for fresh and marine water quality*. This guideline has been superseded by an online resource prepared by the Australian and New Zealand Governments (ANZG) in 2018.
- National Health and Medical Research Council (NHMRC)/National Resource Management Ministerial Council (NRMMC) 2011, *Australian Drinking Water Guidelines 6* (version 3.3, updated 2016).

The threshold concentrations presented in ANZG (2018) guidelines are considered applicable for the protection of aquatic ecosystems of the receiving waters. As these guidelines apply to receiving waters, it is generally conservative to apply these to groundwater discharging to receiving waters.

For assessing groundwater quality, it is also necessary to assess the potential uses of groundwater downgradient of the site being investigated. The nearest surface water receptor is Dee Why Lagoon which is located approximately 280 m to the east of the site. Dee Why Lagoon subsequently discharges into the ocean, approximately 920 m east of the site and is considered a marine environment and is used for recreational purposes. As these guidelines apply to receiving waters, it is generally conservative to apply these to groundwater discharging to receiving waters. It is considered that GILs for marine and freshwater water are applicable for investigating chemical concentrations in groundwater at the site because the receiving body is freshwater water influenced and subsequently flows into a marine body. The ocean is also used for recreational activities, so criteria for recreational purposes will also be assessed. The NSW EPA policy is that trigger values for the protection of 95% of aquatic ecosystems should be used except where contaminants are potentially bio-accumulative in which case the trigger values for the protection of 99% of species should be used.

HSLs are provided in the NEPM (2013) for the assessment of vapour intrusion risks arising from petroleum hydrocarbons in contaminated groundwater. Groundwater during the latest gauging event in September 2017 was encountered between 4.557 metres below top of casing (mBTC) and 5.072 mBTC, with the geology encountered being sandy clay/clayey sand. For this assessment, the HSL D (commercial/industrial setting), with the most conservative soil type sand will be adopted for a depth to groundwater of between 4 m and <8 m. The adopted petroleum assessment criteria for groundwater have been provided in Table 5.4.

Given the absence of groundwater wells registered for beneficial use and presence of town water supply, comparison with Australian drinking water guidelines were not considered relevant to the assessment of groundwater data.

Table 5.4 Adopted groundwater assessment criteria

ANALYTE	HSL D, SAND 4 - <8 m ¹	MARINE ECOSYSTEM ²	FRESHWATER ²	RECREATIONAL ³	HSL INTRUSIVE MAINTENANCE WORKER 2 m TO <4 m (SAND) ⁴
TRH F1	6,000	-	-	-	-
TRH F2	NL	-	-	-	-
Benzene	5,000	500	950	10	NL
Toluene	NL	180	180	8,000	NL
Ethylbenzene	NL	80	80	3,000	NL
m- xylene	-	75	75	-	-
p- xylene	-	-	200	-	-
o-xylene	-	-	350	-	-

ANALYTE	HSL D, SAND 4 - <8 m ¹	MARINE ECOSYSTEM ²	FRESHWATER ²	RECREATIONAL ³	HSL INTRUSIVE MAINTENANCE WORKER 2 m TO <4 m (SAND) ⁴
Total Xylene	NL	-	-	6,000	NL
Naphthalene	NL	50	16	-	NL

(1) NEPM (2013) Schedule B1 Table 1A(4) Groundwater HSLs for vapour intrusion, commercial/ industrial use in sand

(2) ANZG (2018) default guidelines values for water quality in aquatic ecosystems- toxicants in freshwater or marine water

(3) NHMRC (2008) recreational water guidelines

NL: not limiting;

- criteria are not available.

All values in µg/L unless otherwise stated

5.6 QA/QC

The data quality indicators (DQIs) for validation and groundwater monitoring are presented in Table 5.5.

Table 5.5 DQIs

INDICATORS	DESCRIPTION
Procedures	All approvals and licences required must be obtained prior to work commencing. All field work will be carried out in accordance with relevant guidelines and standard operating procedures. All site staff must sign site register and be inducted. Remediation equipment must be regularly inspected. All field work information to be recorded on field day sheets. All works to be undertaken by experienced staff.
Storage and Transport	Samples collected will be placed directly into laboratory prepared containers and stored in a secure, chilled box. Chain of custody to be used to ensure the integrity of the samples from collection to receipt by the analytical laboratory.
Laboratory	All laboratories used should comply with AS/NZS ISO 9001:2001 quality assurance programs, be accredited by the National Association of Testing Authorities for the analyses requested and perform their own internal QA/QC programs.

INDICATORS	DESCRIPTION
QA/QC - Field	<p>The field QA/QC procedures, at the minimum, should comprise:</p> <ul style="list-style-type: none"> — Duplicate samples: 1 in 20 blind duplicates (intra-laboratory) to the primary laboratory and 1 in 20 split duplicates (inter-laboratory) to the secondary laboratory. NEPM (2013) indicated that for soil samples if the relative per cent difference (RPD) for the primary and duplicate is greater than 30%, a review should be conducted of the cause (e.g. instrument calibration, extraction efficiency, appropriateness of the method used, etc.). The RPD variation can be expected to be higher for organic analysis than for inorganics, and for low concentrations analytes (AS4482.1, 2005). — Sample blanks: Sample blanks to be collected to verify that cross-contamination has not occurred during sampling or during transportation of the samples. Equipment rinsate samples will be collected for each sampling day and analysed for the contaminant of concern. Trip blanks (prepared by the laboratory) will be analysed for each batch of soil and groundwater samples submitted to the laboratory. The trip blanks will be analysed for volatile contaminants. — Trip spike: The purpose of a trip spike is to confirm the adequacy of sample preservation in the field and during sample transportation to the laboratory by measuring the amount of potential volatile losses. Trip spikes will be prepared by the laboratory. Non-compliance is to be documented in the report and the sample to be re-analysed or higher level to be conservatively adopted.
QA/QC – Laboratory	<p>Laboratory QA/QC limits vary between analytes and between laboratories. If duplicate results are not satisfactory, non-compliance is to be documented in laboratory reports. Primary laboratory QA/QC acceptance limits are as follows:</p> <ul style="list-style-type: none"> — surrogates: 70 – 130% recovery — matrix spikes: 70 – 140% recovery (organics) and 80-120% (inorganics) — control samples: 70 – 139% recovery (soil) and 80-120% (water) — duplicate samples: RPD less than 30% — method blanks: 0 to < practical quantitation limit.

6 SITE SAFETY PLAN

A HESP will be prepared prior to performing on-site works associated with this RAP. The HESP will address the health and safety of residents and workers in the surrounding area. As a minimum, it will consider:

- site security
- potential exposure to contamination
- excavation safety
- vibration
- noise
- odour
- dust.

Work associated with the remediation of the site will conform, at a minimum, to the requirements of the SafeWork NSW requirements and associated Regulations. Typically, the HESP will address the following issues:

- regulatory requirements
- responsibilities
- hazard identification and control
- chemical hazard control
- sample and chemical handling procedures
- personal protective equipment
- work zones
- decontamination procedures
- emergency response plans
- contingency plans
- incident reporting.

7 CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLAN

A construction environmental management plan (CEMP) should be developed as industry best practice for the site remediation works to ensure that the on-site and off-site environment is not adversely impacted during the remediation works. The CEMP should address and take into consideration the issues discussed in the following sections. The CEMP should be prepared by the civil contractor.

7.1 VEHICLE TRAFFIC

The remediation works may slightly increase vehicle traffic in the vicinity of the site. Where necessary, details of traffic management will be incorporated into the CEMP to control traffic movement associated with the works and mitigate any disruption to local residents and road users.

7.2 ODOUR AND VAPOUR

The remediation works may result in significant vapours and odours being released into the atmosphere, particularly when excavation of potentially contaminated soil is carried out. At these times, consideration should be given to prevailing weather conditions and if distinct odours are detected then site works should stop until the odours can be reduced or controlled.

The site supervisor shall monitor all open excavations and remediated soils with a PID to ensure ambient air concentrations are within the acceptable work safe limits. Concentrations of PID monitoring shall be recorded by field staff and submitted for review on a daily basis to ensure the daily average benzene concentration is below the time-weighted average (TWA) for benzene (i.e. 1 ppm) in accordance with the *Adopted National Exposure Standards for Atmospheric Contaminants in the Occupational Environment* (NOHSC, 1995a). There is no peak or short term exposure limit (STEL) for benzene, however the *Guidance Note on the Interpretation of Exposure Standards for Atmospheric Contaminants in the Occupational Environment* (NOHSC, 1995b) indicates that ambient air concentrations of VOCs should not exceed three times the TWA exposure standard for more than 30 minutes per 8 hour day (NOHSC, 1995b). If ambient air concentrations of VOCs exceed 3 ppm for over 30 minutes, work will have to cease for the day or control measures implemented. If at any time during works, ambient levels exceed 25 ppm, works will stop immediately and not re-commence until appropriate control measures are implemented.

Alternative control measures could be implemented, including the following:

- workers may be fitted with vapour masks or respirators for continuation of site works in the area.
 - wetting down the excavated soil with the use of water sprays containing odour suppressant.
-

7.3 DUST

Dust will be visually monitored during the earthworks and areas generating excessive dust will be sprayed with water to reduce the dust levels. Soil that is to be stockpiled should be covered or wetted down to minimise potential dust generation.

During excavation and transport of any soil off site, truck wheels should be cleaned or driven through a constructed wash bay or similar control (e.g. rumble grid) to prevent potentially contaminated soil from being transported onto local roads.

7.4 PLANT AND MACHINERY

It is the responsibility of the remediation contractor to ensure that all plant and machinery used on the site is properly maintained and in good working condition. Any plant or machinery used should be appropriate for the task.

7.5 NOISE

Increased noise levels may result from the use of on-site and off-site mechanical equipment during the course of the remediation works. To mitigate any noise which may arise as a result of site works, all works should be carried out during normal working hours and in accordance with NSW regulations on this matter.

Noise control measures to be implemented during the remediation works may include:

- specified entry controls for construction vehicles entering and leaving the site
- suitable construction techniques and methodologies
- use of quieter equipment
- restricted use of reversing alarms and all equipment should be fitted with alarm types that adjust output sound levels according to the prevailing ambient noise level.

All practical measures will be taken to minimise generation of noise, and contact information for enquires or complaints will be posted on the site entrance gate.

7.6 WATER AND SEDIMENT MANAGEMENT

7.6.1 SURFACE WATER

Soil stockpiled during excavation works should be suitably contained to prevent run-off of any potentially contaminated water or soil to the surrounding environment, including the stormwater system. Control measures should be established to prevent surface water run-off entering and leaving excavation and stockpile areas. Control measures may include:

- temporary bunding or diversion drains
- impermeable sheeting placed under and/or over stockpiles
- silt fences/silt socks to surround stockpiles
- protection of existing drains with silt fencing/sand bags.

These mitigation measures should be regularly inspected to ensure that they are in good condition and if necessary upgraded where their performance is deteriorating.

7.6.2 SUBSURFACE SEEPAGE AND ACCUMULATED EXCAVATION WATER

Where possible, excavation surfaces are expected to be left open for short durations only to minimise the potential of any surface water entering work areas. If water does accumulate (e.g. rainfall or groundwater ingress) then it will be required to be removed prior to validation and reinstatement. Any water accumulated within excavations will be sampled and analysed for TRH, BTEXN compounds and PAHs. Management and/or disposal options will be formulated upon receipt of the analytical results.

7.6.3 SEDIMENT

Drains, gutters, roads and access ways shall be free of sediment in accordance with regulatory requirements. Where required, gutters and roadways shall be swept regularly to keep them free from sediment. As for surface water, control measures should be implemented.

The erosion and sediment controls put in place during the civil works must be in accordance with:

- POEO Act
- The “Blue Book” – Managing Urban Stormwater: Soils and Construction (Landcom, 2004).

7.7 EQUIPMENT AND CLEANING OPERATIONS

During remediation, controls will be placed on the operation and movement of equipment. General procedures that will be implemented include the following:

- Excavation equipment will be washed in an environmentally sound manner prior to leaving the site.
- If necessary, effective truck wheel-washing facilities will be provided to ensure that contaminated soil is not tracked off-site.
- No trucks or equipment carrying contaminated soils should be allowed to move across unsealed ground surfaces, with the exception of designated transport corridors.

All contaminated soil requiring off-site disposal will be transported to an appropriate landfill facility. All transport trucks loaded with contaminated soil for off-site disposal should be sealed and the load securely covered to prevent wind-blown emissions or spillages. Covers should be in place until the final unloading. All truck tailgates should be securely fixed prior to loading and immediately after unloading soils and all vehicles are to be operated in a manner so as to prevent loss of soils during loading, transport and unloading activities.

As part of the CEMP, a preferred transport route to the nominated facility is required to be identified.

7.8 SITE SECURITY

During construction works, work areas will be barricaded or secured by a chain-wire fence, which will remain in place for the duration of the remediation works in order to exclude public visitors. Appropriate safety and/or warning signs will be posted in accordance with the SafeWork NSW requirements. If an excavation is to be left open while the environmental project manager and contractor are not on site for a substantial period of time (such as overnight), a temporary fence will be erected around the excavation. Should the excavation be deeper than 1.5 m, the edges of the excavation should be battered to a 45 degree slope or benched into 1 m steps based on industry best practices.

7.9 WORKING HOURS

Working hours should be undertaken in accordance with the conditions of development consent. Any works to be conducted outside the normal working hours needs to have prior agreement with 7-Eleven and the Council’s consent.

7.10 CONTACT INFORMATION

Contact details of the appropriate civil contractors and the 7-Eleven Project Manager should be displayed in a prominent location at the site (such as the entrance or site office). Any incidents should be initially reported to the site manager, who will prepare an incident report for the 7-Eleven’s Project Manager as soon as practicable.

7.11 COMMUNITY CONSULTATION

Community notification will be carried out in accordance with the DA. The Council will also publicly advertise and/or notify the adjoining land owners during the development application process in accordance with the Council's notification policies. The notice will include:

- indication that UPSS replacement work is to be undertaken, and the nature of these works
 - the time and date such work is to commence
 - the phone number of a person present on the premises whilst remediation works are being undertaken
 - the 7-Eleven contact information and processes required for registering any complaints.
-

7.12 INCIDENT RESPONSE

Responses to incidents occurring on site will be in accordance with 7-Eleven's emergency and evacuation procedures and incident reporting procedures. A health and safety plan and incident contact number/s are to be kept in an on-site register. All other relevant emergency contact numbers such as police, fire brigade and hospital will be listed in the HESP and posted on site for easy access.

Local contractors (including a plumber and electrician) should be on call in case an incident is reported by the site workers or local residents.

7.13 CONTINGENCY MANAGEMENT

Contingency plans for anticipated environmental problems that may arise during the remediation works are summarised below in Table 7.1.

Table 7.1 Contingency management plans

ANTICIPATED PROBLEMS	CORRECTIVE ACTIONS
Chemical/fuel spill	Stop work, notify relevant emergency contacts and 7-Eleven. Use accessible soil or appropriate absorbent material on site to absorb the spill (if practicable). Stockpile the impacted soil in a secure location, sample and determine the appropriate disposal/treatment option.
Excessive dust	Use water sprays to suppress the dust or stop the site activities generating the dust until it abates.
Excessive noise	Identify the source, isolate the source if possible, and modify the actions of the source. Ensure hearing protection is worn if the noise cannot be reduced.
Excessive odours/vapours	If excessive organic odours/vapours are being generated, stop works and monitor ambient air across the site for organic vapours with a PID and odours at site boundaries. Implement control measures including respirators for site workers, use of odour suppressants, and wetting down of excavated soil.
Excessive rainfall	Ensure sediment and surface water controls are operating correctly. If possible, divert surface water away from active work areas and/or excavations.

ANTICIPATED PROBLEMS	CORRECTIVE ACTIONS
Water in excavations	Collect samples and assess against relevant assessment criteria to enable disposal options to be formulated.
Leaking machinery or equipment	If possible, stop the identified leak and clean up the spill with absorbent material. Stockpile the impacted soil in a secure location, sample and determine the appropriate disposal/treatment option.
Failure of erosion or sedimentation control measures	Stop work and repair the failed control measure.
Unearthing unexpected fill or waste	Stop activities and contact 7-Eleven. Prepare a management plan to address the issue if necessary.
Equipment failures	Ensure that spare equipment is on hand at the site or ensure that the failed equipment can be serviced by on-site personnel or a local contractor.
Complaint management	Notify 7-Eleven following the complaint and report the complaint in accordance with management procedures. If possible, implement control measures to address the reason/s for complaint.
Asbestos	If potential asbestos material is identified in the soil, notify 7-Eleven and the consultant Project Managers. Asbestos monitoring may be required to continue works.
Acid sulfate soils	If acid sulfate soils are suspected, stop works and assess the material. If actual or potential acid sulfate soils are present, prepare an acid sulfate soils management plan then work according to the plan.

8 REMEDIATION ACTION PLAN SUMMARY

The purpose of this RAP is to provide a framework to validate the removal of UPSS infrastructure and hydrocarbon impacted soils to levels suitable for continued petroleum use. The actions required to carry out the RAP are summarised as follows:

- engage an underground services locator to identify the position of any services prior to any excavation works
- remove concrete and excavate to expose USTs
- drain pumps and pipework
- remove the residual product in the USTs and degas the USTs to make safe for removal and transport off-site for destruction
- disposal of the USTs off site by a licensed waste contractor
- remove the associated infrastructure
- collect soil samples from the excavations for USTs and fuel lines for analysis
- remove any impacted soils that are considered unsuitable, which are then to be classified and disposed off-site at an EPA approved landfill
- backfill the resulting excavations with approved clean imported VENM, ENM and/or excavated soil found to be suitable for reuse
- assess groundwater at the site after the removal of UPSS infrastructure and installation of new infrastructure
- report on the work completed.

A further risk assessment may be required for continued use of petroleum at the site if high levels of dissolved phase hydrocarbons are recorded after validation and groundwater assessment.

Given that the site will continue to be used for petroleum use, there would not ordinarily be a requirement for a site audit statement (SAS), which can only be prepared and signed off by an EPA accredited site auditor. Additionally, there is no requirement under the *Protection of the Environment (Underground Petroleum Storage Systems) Regulation 2014* for a SAS.

9 REFERENCES

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10 LIMITATIONS

This Report is provided by WSP Australia Pty Limited (*WSP*) for 7-Eleven Stores Pty Ltd (*Client*) in response to specific instructions from the Client and in accordance with WSP's proposal dated 22 November 2019 and agreement with the Client dated 26 November 2019 (*Agreement*).

10.1 PERMITTED PURPOSE

This Report is provided by WSP for the purpose described in the Agreement and no responsibility is accepted by WSP for the use of the Report in whole or in part, for any other purpose (*Permitted Purpose*).

10.2 QUALIFICATIONS AND ASSUMPTIONS

The services undertaken by WSP in preparing this Report were limited to those specifically detailed in the Report and are subject to the scope, qualifications, assumptions and limitations set out in the Report or otherwise communicated to the Client.

Except as otherwise stated in the Report and to the extent that statements, opinions, facts, conclusion and / or recommendations in the Report (*Conclusions*) are based in whole or in part on information provided by the Client and other parties identified in the report (*Information*), those Conclusions are based on assumptions by WSP of the reliability, adequacy, accuracy and completeness of the Information and have not been verified. WSP accepts no responsibility for the Information.

WSP has prepared the Report without regard to any special interest of any person other than the Client when undertaking the services described in the Agreement or in preparing the Report.

10.3 USE AND RELIANCE

This Report should be read in its entirety and must not be copied, distributed or referred to in part only. The Report must not be reproduced without the written approval of WSP. WSP will not be responsible for interpretations or conclusions drawn by the reader. This Report (or sections of the Report) should not be used as part of a specification for a project or for incorporation into any other document without the prior agreement of WSP.

WSP is not (and will not be) obliged to provide an update of this Report to include any event, circumstance, revised Information or any matter coming to WSP's attention after the date of this Report. Data reported and Conclusions drawn are based solely on information made available to WSP at the time of preparing the Report. The passage of time; unexpected variations in ground conditions; manifestations of latent conditions; or the impact of future events (including (without limitation) changes in policy, legislation, guidelines, scientific knowledge; and changes in interpretation of policy by statutory authorities); may require further investigation or subsequent re-evaluation of the Conclusions.

This Report can only be relied upon for the Permitted Purpose and may not be relied upon for any other purpose. The Report does not purport to recommend or induce a decision to make (or not make) any purchase, disposal, investment, divestment, financial commitment or otherwise. It is the responsibility of the Client to accept (if the Client so chooses) any Conclusions contained within the Report and implement them in an appropriate, suitable and timely manner.

In the absence of express written consent of WSP, no responsibility is accepted by WSP for the use of the Report in whole or in part by any party other than the Client for any purpose whatsoever. Without the express written consent of WSP, any use which a third party makes of this Report or any reliance on (or decisions to be made) based on this Report is at the sole risk of those third parties without recourse to WSP. Third parties should make their own enquiries and obtain independent advice in relation to any matter dealt with or Conclusions expressed in the Report.

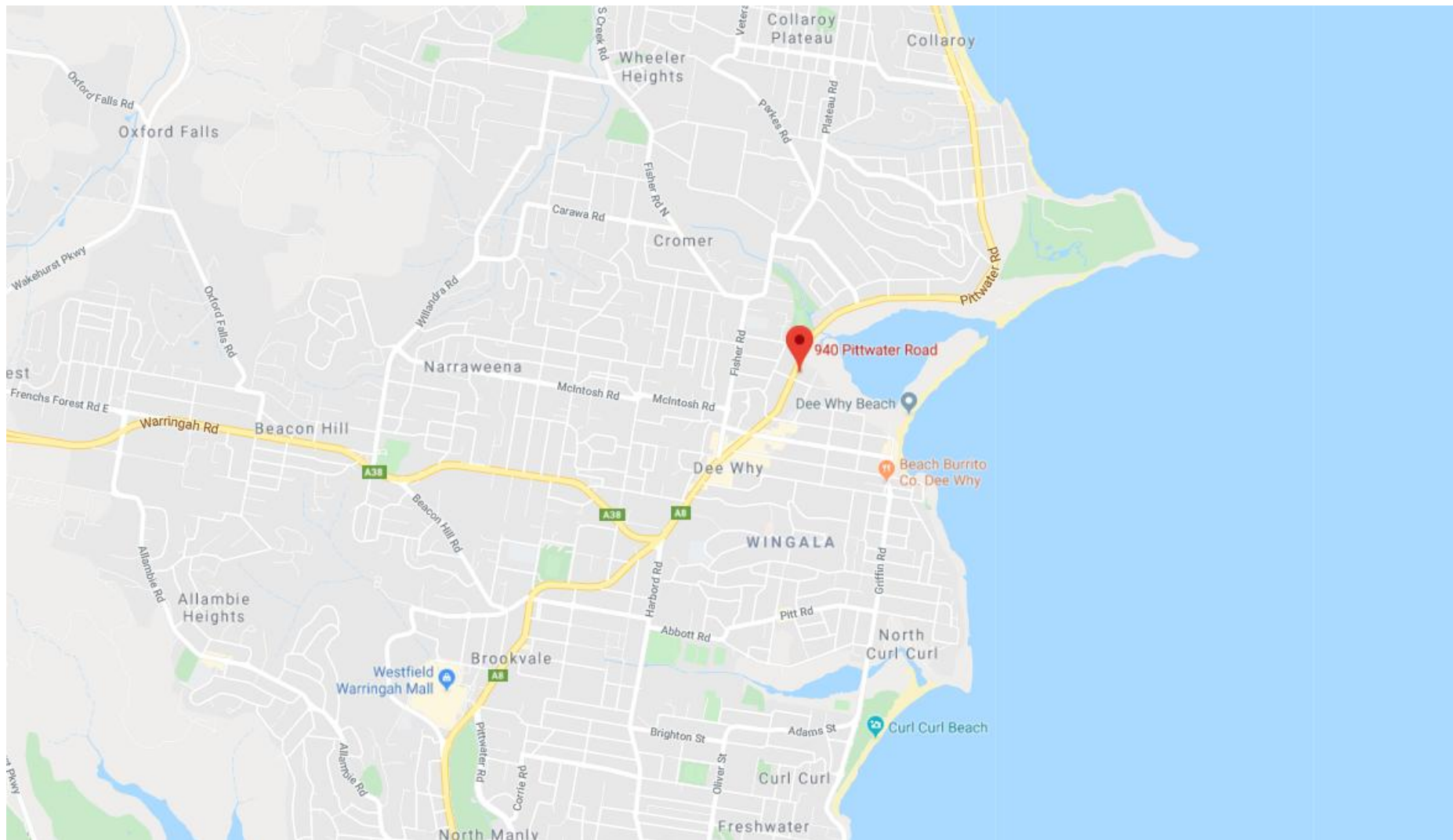
10.4 DISCLAIMER

No warranty, undertaking or guarantee whether expressed or implied, is made with respect to the data reported or the Conclusions drawn. To the fullest extent permitted at law, WSP, its related bodies corporate and its officers, employees and agents assumes no responsibility and will not be liable to any third party for, or in relation to any losses, damages or expenses (including any indirect, consequential or punitive losses or damages or any amounts for loss of profit, loss of revenue, loss of opportunity to earn profit, loss of production, loss of contract, increased operational costs, loss of business opportunity, site depredation costs, business interruption or economic loss) of any kind whatsoever, suffered on incurred by a third party.


APPENDIX A

FIGURES





Legend

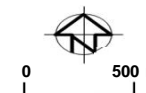
 Site location

Base map source: Google Maps(2019)

Figure 1 – Site location

7-Eleven Dee Why

940 Pittwater Road and Hawkesbury Avenue, Dee Why, NSW 2099





Legend

- Underground Storage Tanks
- Bowsers
- Fill points
- ⊗ Monitoring well

Base map source: Six Maps (2019)
 Figure 2 – Current site layout
 7-Eleven Dee Why
 940 Pittwater Road and Hawkesbury Avenue, Dee Why, NSW 2099



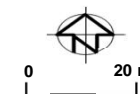


Legend

- Underground Storage Tanks
- Planned Excavation
- Monitoring well
- Bowsers
- Fill points

Base map source: Six Maps (2019)
 Figure 3 – Planned excavation
 7-Eleven Dee Why

940 Pittwater Road and Hawkesbury Avenue, Dee Why, NSW 2099





Legend

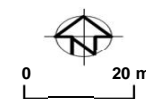
- Underground Storage Tanks
- Planned Excavation
- Monitoring well
- Validation sample
- Bowzers
- Fill points

Base map source: Six Maps (2019)

Figure 4 – Validation sampling plan

7-Eleven Dee Why

940 Pittwater Road and Hawkesbury Avenue, Dee Why, NSW 2099



APPENDIX B

DANGEROUS GOODS SEARCH





SafeWork NSW

Locked Bag 2906, Lisarow NSW 2252

Customer Experience 13 10 50

ABN 81 913 830 179 | www.safework.nsw.gov.au

Our Ref: D19/240056

13 December 2019

Ms Wendy Cadelago
WSP Australia Pty Ltd
Lev 3, 55 Bolton St
NEWCASTLE NSW 2300

Dear Ms Cadelago

RE SITE: 940 Pittwater Rd, Dee Why NSW 2099

I refer to your site search request received by SafeWork NSW on 29 Nov 2019 requesting information on Storage of Hazardous Chemicals for the above site.

Enclosed are copies of the documents that SafeWork NSW holds on record number 35/014388 relating to the storage of Hazardous Chemicals at the above-mentioned premises.

For further information or if you have any questions, please call us on 13 10 50 or email licensing@safework.nsw.gov.au

Yours sincerely

Customer Service Officer
Customer Experience - Operations
SafeWork NSW

2212 Dee Why

7-Eleven Stores Pty. Ltd.

A.C.N. 005 299 427

Head Office and Vic. State Office:
357 FERNTREE GULLY ROAD,
MOUNT WAVERLEY, VIC. 3149,
AUSTRALIA.

TELEPHONE NO: 61 3 9550 8580

RISK FAX: 61 3 9550 8599

FACSIMILE TRANSMISSION SHEET

FAX NO:	(02) 9287 5500	DATE:	02-07-2015
ATTENTION:	Licensing Solutions	FROM:	Darren Paterson -Senior Compliance Officer
		Pages	Two (2) Incls Cover Page
COMPANY:	WorkCover NSW		

RE :Notification of Hazardous Chemicals on Premises - NDG014388

To Whom It May Concern:

Please find attached a site plan for the following 7-Eleven service station located at

940 Pittwater Rd, (Cnr Hawkesbury Ave), 2099

Notification of Hazardous Chemicals on Premises - NDG014388

If you have any questions, please call me on the number below.

Regards,

Darren Paterson
Senior Compliance Officer
Risk Group
357 Ferntree Gully Road, Mount Waverley, VIC 3149
Private Bag 43, Mount Waverley, VIC 3149
Telephone (Direct): (03) 9550 8580
Fax: (03) 9550 8599
Email: dpa@7eleven.com.au

IF FULL TRANSMISSION NOT RECEIVED, PLEASE PHONE - 61 3 9550 8580

NO.	SIZE	PERCENT	FEEDS/CONCENTR
11	50L	PAF 95	0, 6
12	20L	ED	1, 2, 3, 4
13	20L	ED	1, 2, 3, 4
14	20L	UP	1, 2, 3, 4, 5, 6
15	20L	DECEL	4, 5
16	20L	PAF 88	3, 4, 5, 6
17	10L	UPC	7, 8

1	FREE EXTERNALSISTERS - ONLY DISMOUNT POWERBULB TUNG
2	FIRE HOSE REEL
3	EMERGENCY STOP BUTTON (CALL FUEL ST)
4	EMERGENCY STOP BUTTON (HARD)
5	PAINT POINTS
6	ONE POINT
7	PAINT
8	SPRINT-BOARD
9	EMERGENCY INFORMATION
10	EMERGENCY WELL

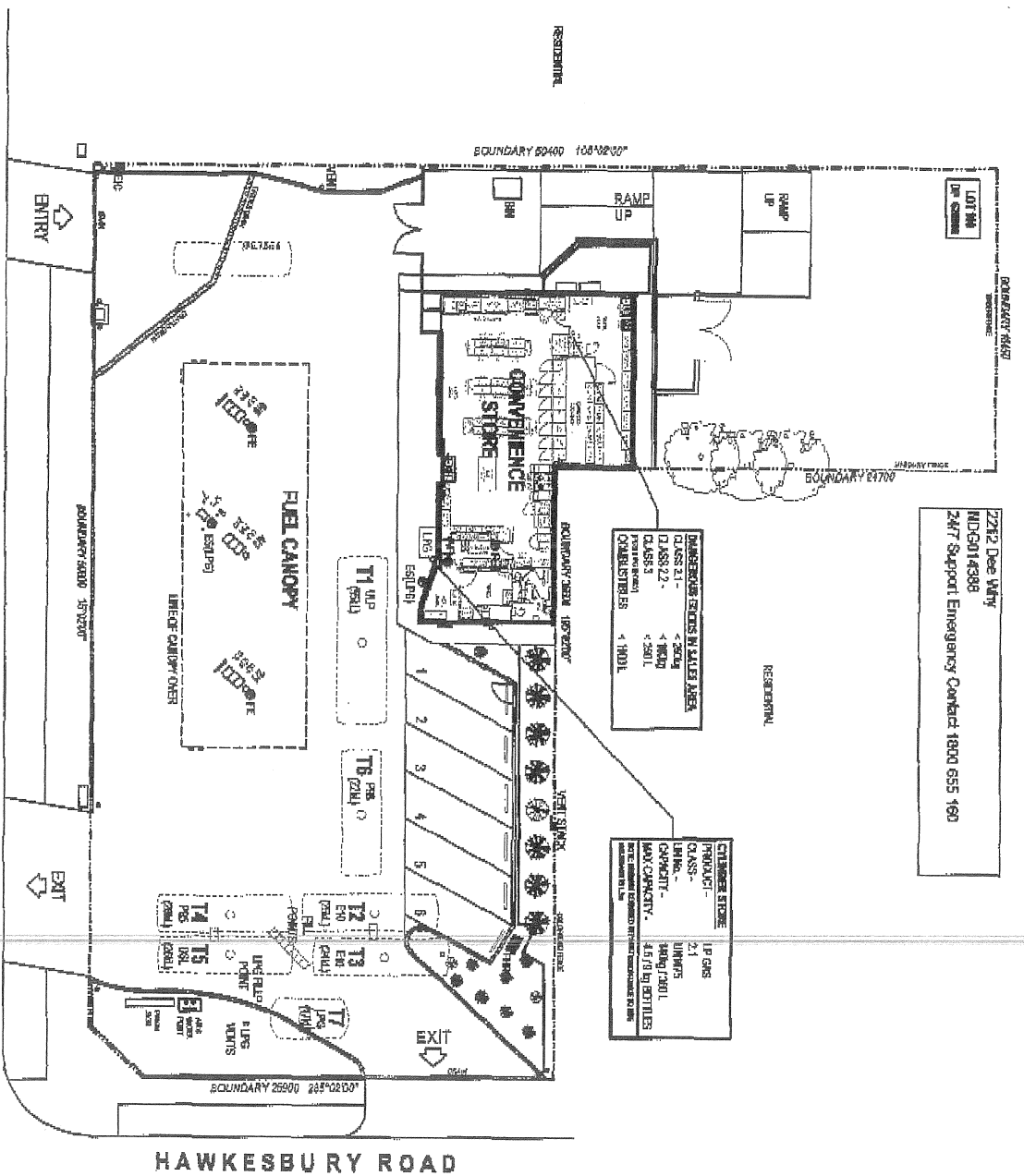
INFORMATION ISSUE

[illegible][illegible]

DATE SENT	2006-01-11	DATE	10F1
TRANSMIT	11:00 AM	TIME	43
LOCATION	1000000000	TIME	2212:00P
TYPE	1	TIME	E
STATUS	1	TIME	
REMARKS		TIME	

SERVICE STATION AT
 1401 PITTSBURGH
 DEPT. 100
 NEW SCOTLAND, VA 22122

DANIELSON'S GOODS PLANT
 1000000000



22412 Dee Winy
MDG014386
2447 Support Emergency Contact 1800 655 160

DEGENERATIVE LESIONS IN SALLER JABBA	
CLASS 2.1 -	< 250kg
CLASS 2.2 -	< 100kg
CLASS 3	< 250 L
FROM 1000 BROWN	
CHARACTERISTICS	< 100L

CYLINDER SIZE PRODUCT - CLASS - LIQ. WT. - CAPACITY - MAX. CAPACITY -	15 GNS 2.1 LITERS 450g / 30L 45/79 kg BOTTLES
--	---

DO NOT RECHARGE OR REPAIR WITHOUT RECOMMENDATION FROM
 MANUFACTURER OR LAW

DANGEROUS GOODS PLAN
SCALE 1:250 (1:25)

RETAIL PRESIDENTIAL

Notification of dangerous goods on premises form

2212

7-Eleven Dee Why

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.

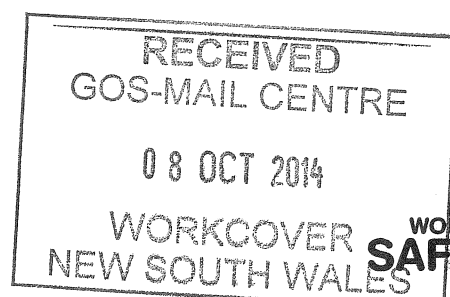
Enquiries – 13 10 50

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)

35/ N D G 0 1 4 3 8 8

Expiry date (DD/MM/YYYY)

/ / or the site address

Street number/street name (include Lot or DP number if applicable)

9 4 0

Street name

P i t t w a t e r R o a d

Suburb

D e e W h y

State

N S W

Postcode

2 0 9 9

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

7 - E l e v e n S t o r e s P t y L t d

Registered business (trading name)

7 - E l e v e n # 2 2 1 2 D e e W h y

ABN

4 8 - 0 0 5 - 2 9 9 - 4 2 7

Please go to section 2.3

2.3 Contact person's details (to be completed for corporation occupiers)

Title	Family/Surname	
M r	P a t e r s o n	
Given name		
D a r r e n		
Other names		
Date of birth (DD/MM/YYYY)		
Daytime contact number	Mobile number	Fax number
0 3 9 5 5 0 8 5 8 0		0 3 9 5 5 0 8 5 9 9
After hours contact number		
Email		
d p a @ 7 e l e v e n . c o m . a u		

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)

P r i v a t e B a g 4 3		
Street name		
Suburb	State	Postcode
M o u n t W a v e r l e y	V I C	3 1 4 9

Please go to section 2.5

2.5 Emergency after hours contact person's details

☐ Same as above.

Title	Family/Surname	
Given name		
2 4 - 7 E m e r g e n c y C o m m u n i c a t i o n H u b		
Other names		
Date of birth (DD/MM/YYYY)		
Daytime contact number	Mobile number	Fax number
1 8 0 0 6 5 5 1 6 0		
After hours contact number		
1 8 0 0 6 5 5 1 6 0		

3. PREVIOUS OCCUPIER'S DETAILS (to be completed by the new occupier, if known)

Individual

Title	Family/Surname
Given name	
Other names	

Legal name

Registered business (trading name)ABN

4. SITE DETAILS (complete for a new notification)

☐ I have attached an A4 size sketch of the site.

Street number/street name (include Lot or DP number if applicable)

Street name

SuburbNearest cross streetANZSIC CodeDescription

Is this a coal workplace or mining workplace? ☐ Yes ☒ No

Is the site staffed? ☒ Yes. Please complete the following ☐ No. Please go to section 6.

[illegible]

If space is insufficient please provide details on a separate sheet of paper.

6. STORAGE DETAILS (must be completed for both new notifications and further notifications)

Storage facility identifier		Type of storage facility	
1		U n d e r g r o u n d S t o r a g e T a n k	
Class or division	Maximum storage capacity	Unit (L or kg or number)	
3	5 5 0 0 0	L	
UN number	Class or division	Typical quantity	Unit (L or kg or number)
1 2 0 3	3	5 2 2 5 0	L
		Packing group	I I

Proper shipping name
 G a s o l i n e

Product or common name
 P e t r o l

Storage facility identifier		Type of storage facility	
2		U n d e r g r o u n d S t o r a g e T a n k	
Class or division	Maximum storage capacity	Unit (L or kg or number)	
3	2 5 0 0 0	L	
UN number	Class or division	Typical quantity	Unit (L or kg or number)
1 2 0 3	3	2 3 7 5 0	L
		Packing group	I I

Proper shipping name
 G a s o l i n e

Product or common name
 P e t r o l

Storage facility identifier		Type of storage facility	
3		U n d e r g r o u n d S t o r a g e T a n k	
Class or division	Maximum storage capacity	Unit (L or kg or number)	
3	2 4 0 0 0	L	
UN number	Class or division	Typical quantity	Unit (L or kg or number)
1 2 0 3	3	2 2 8 0 0	L
		Packing group	I I

Proper shipping name
 G a s o l i n e

Product or common name
 P e t r o l

Storage facility identifier		Type of storage facility	
4		U n d e r g r o u n d S t o r a g e T a n k	
Class or division	Maximum storage capacity	Unit (L or kg or number)	
3	2 6 0 0 0	L	
UN number	Class or division	Typical quantity	Unit (L or kg or number)
1 2 0 3	3	2 4 7 0 0	L
		Packing group	I I

Proper shipping name
 G a s o l i n e

Product or common name
 P e t r o l

If space is insufficient please provide details on a separate sheet of paper.

6. STORAGE DETAILS (must be completed for both new notifications and further notifications)

Storage facility

identifier

5

Type of storage facility

U n d e r g r o u n d S t o r a g e T a n k

Class or division

9

Maximum storage capacity

2 6 0 0 0

Unit (L or kg or number)

L

UN number

3 0 8 2

Class or division

9

Typical quantity

2 4 7 0 0

Unit (L or kg or number)

L

Packing group

I I I

Proper shipping name

C o m b u s t i b l e L i q u i d s

Product or common name

D i e s e l

Storage facility

identifier

6

Type of storage facility

U n d e r g r o u n d S t o r a g e T a n k

Class or division

3

Maximum storage capacity

2 2 0 0 0

Unit (L or kg or number)

L

UN number

1 2 0 3

Class or division

3

Typical quantity

2 0 9 0 0

Unit (L or kg or number)

L

Packing group

I I

Proper shipping name

G a s o l i n e

Product or common name

P e t r o l

Storage facility

identifier

7

Type of storage facility

U n d e r g r o u n d S t o r a g e T a n k

Class or division

2 . 1

Maximum storage capacity

1 7 0 0 0

Unit (L or kg or number)

L

UN number

1 0 7 5

Class or division

2 . 1

Typical quantity

1 4 4 5 0

Unit (L or kg or number)

L

Packing group

- -

Proper shipping name

P e t r o l e u m G a s e s L i q u i f i e d

Product or common name

A u t o m o t i v e L P G

Storage facility

identifier

8

Type of storage facility

C y l i n d e r S t o r e

Class or division

2 . 1

Maximum storage capacity

1 5 0 0

Unit (L or kg or number)

L

UN number

1 0 7 5

Class or division

2 . 1

Typical quantity

8 4 0

Unit (L or kg or number)

L

Packing group

- -

Proper shipping name

P e t r o l e u m G a s L i q u i f i e d

Product or common name

C y l i n d e r L P G

If space is insufficient please provide details on a separate sheet of paper.

6. STORAGE DETAILS (must be completed for both new notifications and further notifications)

Storage facility identifier	Type of storage facility
9	R o o f l e s s P a c k a g e d S t o r e

Class or division	Maximum storage capacity	Unit (L or kg or number)
8	7 2 0	L

UN number	Class or division	Typical quantity	Unit (L or kg or number)	Packing group
1 7 2 0	8	7 2 0	L	I I I

Proper shipping name
H y p o c h l o r i t e S o l u t i o n

Product or common name
E z y C h l o r L i q u i d C h l o r i n e

Storage facility identifier	Type of storage facility

Class or division	Maximum storage capacity	Unit (L or kg or number)

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	Type of storage facility

Class or division	Maximum storage capacity	Unit (L or kg or number)

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	Type of storage facility

Class or division	Maximum storage capacity	Unit (L or kg or number)

UN number	Class or division	Typical quantity	Unit (L or kg or number)	Packing group

Proper shipping name

Product or common name

If space is insufficient please provide details on a separate sheet of paper.

6. STORAGE DETAILS (must be completed for both new notifications and further notifications)

Storage facility identifier		Type of storage facility		
<input type="text"/>		<input type="text"/>		
Class or division		Maximum storage capacity	Unit (L or kg or number)	
<input type="text"/>		<input type="text"/>	<input type="text"/>	
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				
<input type="text"/>				
<input type="text"/>				
Product or common name				
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<input type="text"/>				

Storage facility identifier		Type of storage facility		
<input type="text"/>		<input type="text"/>		
Class or division		Maximum storage capacity	Unit (L or kg or number)	
<input type="text"/>		<input type="text"/>	<input type="text"/>	
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				
<input type="text"/>				
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Product or common name				
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Storage facility identifier		Type of storage facility		
<input type="text"/>		<input type="text"/>		
Class or division		Maximum storage capacity	Unit (L or kg or number)	
<input type="text"/>		<input type="text"/>	<input type="text"/>	
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				
<input type="text"/>				
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Product or common name				
<input type="text"/>				
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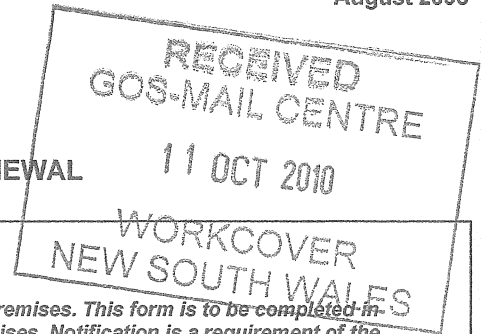
Storage facility identifier		Type of storage facility		
<input type="text"/>		<input type="text"/>		
Class or division		Maximum storage capacity	Unit (L or kg or number)	
<input type="text"/>		<input type="text"/>	<input type="text"/>	
UN number	Class or division	Typical quantity	Unit (L or kg or number)	Packing group
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Proper shipping name				
<input type="text"/>				
<input type="text"/>				
Product or common name				
<input type="text"/>				
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Storage facility identifier		Type of storage facility		
<input type="text"/>		<input type="text"/>		
Class or division		Maximum storage capacity	Unit (L or kg or number)	
<input type="text"/>		<input type="text"/>	<input type="text"/>	
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				
<input type="text"/>				
<input type="text"/>				
Product or common name				
<input type="text"/>				
<input type="text"/>				



NOTIFICATION

OF DANGEROUS GOODS ON PREMISES FORM - RENEWAL



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. Notification is a requirement of the Occupational Health and Safety Regulation 2001.

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LODGEMENT INSTRUCTIONS

1. You must complete all sections of this form.
2. You may lodge your notification with Australia Post or with Workcover NSW
3. You must sign and date this notification by completing the declarations on the last page
4. Payment of the prescribed 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

- Application 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

Notifier Use Only

YES

YES

YES

Cheque # 881051

Note: Please return hard copy of Dangerous Goods Notification to: T & V Grainger (Consultants) Pty Limited, 3 Conifer Place, ENGADINE, 2233 for checking and distribution.

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 2001 and the Occupational Health and Safety Regulation 2001.

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Privacy Contact Officer, WorkCover NSW Head Office, Locked Bag 2906, Lisarow NSW 2252

THE HISTORY OF THE

REPUBLIC OF THE UNITED STATES

OF AMERICA

FROM THE FIRST SETTLEMENTS TO THE PRESENT TIME

BY

JOHN F. JOHNSON

NEW YORK

CONTACT FOR NOTIFICATION INQUIRIES

Title: MR Family name: PATERSON
Given name : DARREN Other names: N/A
Business Telephone: Business Facsimile: Business Email Address:
03 9252 0382 03 9820 1220 dpa@7eleven.com.au

Previous Licence Number or Acknowledgement Number (if known)

35/014388

Previous Occupier (if known)

STRASBURGER ENTERPRISES (PROPERTIES) PTY LTD

Site on which dangerous goods are to be kept

Number

940

Street

PITTWATER ROAD

Suburb/Town/Locality

DEE WHY

Postcode

2099

Nearest Cross Street

HAWKESBURY AVENUE

Map Reference

UBD Sydney 178 D4

Lot and DP if no street number

LOT 100/DP 628909

Is the site staffed? If yes state number of employees

1-3

Site staffing: Hours per day

24

Days per week

7

Site Emergency Contact

Phone number

1800 655 160

Name

24 / 7 SUPPORT

Nature of site (eg petrol station, warehouse etc)

SERVICE STATION

Nature of your primary business activity

AUTOMOTIVE FUEL RETAILING

ACN Number (if any)

50 002 913 911

Website details (if any)

www.quix.com.au

What is the ANSZIC code most applicable to your business? (see guide for list of codes and further information)

Code

532

Description

MOTOR VEHICLE SERVICES

\$ 800.00 p/h
Date: 11/10/10
Rec No: 616530



NOTIFICATION OF DANGEROUS GOODS ON PREMISES FORM

AFDG01

Refer to Site Safety Plan: TVG 06010-05 for Depot locations

Identifier Depot 1	Type of Storage Location or Process Underground Storage Tank				Class 3	Max. Storage Capacity 55,000 lt	
UN No 1203	Proper Shipping Name Petrol	Class 3	PG II	Common Name E10 Unleaded	HazChem 3YE	Typical Qty 55,000 lt	

Identifier Depot 2	Type of Storage Location or Process Underground Storage Tank				Class 3	Max. Storage Capacity 25,000 lt	
UN No 1203	Proper Shipping Name Petrol	Class 3	PG II	Common Name E10 Unleaded	HazChem 3YE	Typical Qty 25,000 lt	

Identifier Depot 3	Type of Storage Location or Process Underground Storage Tank				Class 3	Max. Storage Capacity 24,000 lt	
UN No 1203	Proper Shipping Name Petrol	Class 3	PG II	Common Name E10 Unleaded	HazChem 3YE	Typical Qty 24,000 lt	

Identifier Depot 4	Type of Storage Location or Process Underground Storage Tank				Class 3	Max. Storage Capacity 26,000 lt	
UN No 1203	Proper Shipping Name Petrol	Class 3	PG II	Common Name Premium Unleaded	HazChem 3YE	Typical Qty 26,000 lt	

Identifier Depot 5	Type of Storage Location or Process Underground Storage Tank				Class 3	Max. Storage Capacity 26,000 lt	
UN No 1203	Proper Shipping Name Petrol	Class 3	PG II	Common Name Premium Unleaded	HazChem 3YE	Typical Qty 26,000 lt	

Identifier Depot 6	Type of Storage Location or Process Underground Storage Tank				Class 3	Max. Storage Capacity 22,000 lt	
UN No 1203	Proper Shipping Name Petrol	Class 3	PG II	Common Name Premium Unleaded	HazChem 3YE	Typical Qty 22,000 lt	

Identifier Depot 7	Type of Storage Location or Process Underground Storage Tank				Class 2.1	Max. Storage Capacity 17,000 lt	
UN No 1075	Proper Shipping Name Petroleum Gas, Liquefied	Class 2.1	PG --	Common Name Automotive LPG	HazChem 2YE	Typical Qty 14,450 lt	

Identifier Depot 8	Type of Storage Location or Process Exchange Cylinder Cage				Class 2.1	Max. Storage Capacity 528 lt	
UN No 1075	Proper Shipping Name Petroleum Gas, Liquefied	Class 2.1	PG --	Common Name Cylinder LPG	HazChem 2YE	Typical Qty 24 x 9 kg	

Identifier Depot 9	Type of Storage Location or Process Exchange Cylinder Cage				Class 2.1	Max. Storage Capacity 528 lt	
UN No 1075	Proper Shipping Name Petroleum Gas, Liquefied	Class 2.1	PG --	Common Name Cylinder LPG	HazChem 2YE	Typical Qty 24 x 9 kg	

If space is insufficient please provide details on a separate sheet of paper.

6. STORAGE DETAILS (must be completed for both new notifications and further notifications)

Storage facility identifier		Type of storage facility		
<input type="text"/>		<input type="text"/>		
Class or division		Maximum storage capacity	Unit (L or kg or number)	
<input type="text"/>		<input type="text"/>	<input type="text"/>	
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				
<input type="text"/>				
<input type="text"/>				
Product or common name				
<input type="text"/>				
<input type="text"/>				

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<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Proper shipping name				
<input type="text"/>				
<input type="text"/>				
Product or common name				
<input type="text"/>				
<input type="text"/>				

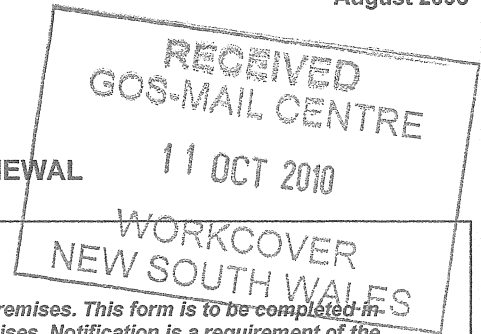
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Proper shipping name				
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NOTIFICATION

OF DANGEROUS GOODS ON PREMISES FORM - RENEWAL



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- Application Form (this form) Completed and Signed
- Site Sketch(s) – only A4 size is acceptable
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- Non-refundable fee \$100

Notifier Use Only

YES

YES

YES

Cheque # 881051

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THE HISTORY OF THE

REPUBLIC OF THE UNITED STATES

OF AMERICA



CONTACT FOR NOTIFICATION INQUIRIES

Title: MR Family name: PATERSON
Given name : DARREN Other names: N/A
Business Telephone: Business Facsimile: Business Email Address:
03 9252 0382 03 9820 1220 dpa@7eleven.com.au

Previous Licence Number or Acknowledgement Number (if known)

35/014388

Previous Occupier (if known)

STRASBURGER ENTERPRISES (PROPERTIES) PTY LTD

Site on which dangerous goods are to be kept

Number

940

Street

PITTWATER ROAD

Suburb/Town/Locality

DEE WHY

Postcode

2099

Nearest Cross Street

HAWKESBURY AVENUE

Map Reference

UBD Sydney 178 D4

Lot and DP if no street number

LOT 100/DP 628909

Is the site staffed? If yes state number of employees

1-3

Site staffing: Hours per day

24

Days per week

7

Site Emergency Contact

Phone number

1800 655 160

Name

24 / 7 SUPPORT

Nature of site (eg petrol station, warehouse etc)

SERVICE STATION

Nature of your primary business activity

AUTOMOTIVE FUEL RETAILING

ACN Number (if any)

50 002 913 911

Website details (if any)

www.quix.com.au

What is the ANSZIC code most applicable to your business? (see guide for list of codes and further information)

Code

532

Description

MOTOR VEHICLE SERVICES

\$ 800.00 p/h
Date: 11/10/10
Rec No: 616530



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AFDG01

Refer to Site Safety Plan: TVG 06010-05 for Depot locations

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Identifier Depot 2	Type of Storage Location or Process Underground Storage Tank				Class 3	Max. Storage Capacity 25,000 lt	
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Identifier Depot 3	Type of Storage Location or Process Underground Storage Tank				Class 3	Max. Storage Capacity 24,000 lt	
UN No 1203	Proper Shipping Name Petrol	Class 3	PG II	Common Name E10 Unleaded	HazChem 3YE	Typical Qty 24,000 lt	

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UN No 1203	Proper Shipping Name Petrol	Class 3	PG II	Common Name Premium Unleaded	HazChem 3YE	Typical Qty 26,000 lt	

Identifier Depot 5	Type of Storage Location or Process Underground Storage Tank				Class 3	Max. Storage Capacity 26,000 lt	
UN No 1203	Proper Shipping Name Petrol	Class 3	PG II	Common Name Premium Unleaded	HazChem 3YE	Typical Qty 26,000 lt	

Identifier Depot 6	Type of Storage Location or Process Underground Storage Tank				Class 3	Max. Storage Capacity 22,000 lt	
UN No 1203	Proper Shipping Name Petrol	Class 3	PG II	Common Name Premium Unleaded	HazChem 3YE	Typical Qty 22,000 lt	

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UN No 1075	Proper Shipping Name Petroleum Gas, Liquefied	Class 2.1	PG --	Common Name Cylinder LPG	HazChem 2YE	Typical Qty 24 x 9 kg	

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UN No 1075	Proper Shipping Name Petroleum Gas, Liquefied	Class 2.1	PG --	Common Name Cylinder LPG	HazChem 2YE	Typical Qty 24 x 9 kg	

1

1. The first part of the document is a list of the names of the persons who have been named in the document.

2. The second part of the document is a list of the names of the persons who have been named in the document.

3. The third part of the document is a list of the names of the persons who have been named in the document.

4. The fourth part of the document is a list of the names of the persons who have been named in the document.

5. The fifth part of the document is a list of the names of the persons who have been named in the document.

6. The sixth part of the document is a list of the names of the persons who have been named in the document.

7. The seventh part of the document is a list of the names of the persons who have been named in the document.

8. The eighth part of the document is a list of the names of the persons who have been named in the document.

9. The ninth part of the document is a list of the names of the persons who have been named in the document.

10. The tenth part of the document is a list of the names of the persons who have been named in the document.

11. The eleventh part of the document is a list of the names of the persons who have been named in the document.

12. The twelfth part of the document is a list of the names of the persons who have been named in the document.

13. The thirteenth part of the document is a list of the names of the persons who have been named in the document.

14. The fourteenth part of the document is a list of the names of the persons who have been named in the document.

15. The fifteenth part of the document is a list of the names of the persons who have been named in the document.

SITE OCCUPIER INFORMATION

Name of Occupier

STRASBURGER ENTERPRISES (PROPERTIES) PTY LTD

Postal Address of Occupier

PO BOX 7707

Suburb/Town

ST KILDA ROAD

Postcode

8004

Trading Name if different

MOBIL QUIX DEE WHY

Type of business entity

COMPANY

DETAILS OF PERSON MAKING APPLICATION

Title Mr Family name PATERSON

Given name DARREN Other names N/A

Relationship to occupier PERMITS, LICENSING AND CONTRACTS CO-ORDINATOR

DECLARATION

I (print your name in BLOCK LETTERS)

DARREN PATERSON

Telephone

03 9252 0382

of (print your home address)

N/A

Postcode

N/A

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

07th Oct 2010

PAYMENT OF NOTIFICATION FEE

Enclose a cheque or money order with the notification (do not send cash), pay over the counter by cash, cheque or credit card, or fill the credit card details below for the amount of \$100.

Please charge my

☐

Bankcard

☐

MasterCard

☐

Visa

Card No: Not Applicable

Card expiry date:

- / - / -

Cardholders name: Not Applicable

Cardholders signature:

Not Applicable

This document is a tax invoice for GST purposes once payment is effected - RETAIN A COPY of this page for taxation purposes.

WorkCover NSW

ABN 77 682 742 966

Payment details: Amount Paid: \$100 Cheque No:

Date / /

OFFICE USE ONLY

Receipt Number

Date

/ /

Amount \$

Name of Australia Post Checking Officer

Signature

Date

Name of Post office/agency

Australia Post Disclaimer

Australia Post is acting as agent for WorkCover to identify you under the requirements set out by Occupational Health and Safety Act 2000.

Your notification will be forwarded to WorkCover.

All correspondence in respect of this notification must be addressed to WorkCover





SITE MANIFEST & DEPOT LIST

Depot ID	TYPE	MAXIMUM CAPACITY	SAFE FILL LEVEL	PRODUCT	CLASS	PG	UN No	HAZ CHEM
DEPOT 1	UGST	55000 lt	55000 lt	E10 UNLEADED	3	II	1203	3YE
DEPOT 2	UGST	25000 lt	25000 lt	E10 UNLEADED	3	II	1203	3YE
DEPOT 3	UGST	24,000 lt	24,000 lt	E10 UNLEADED	3	II	1203	3YE
DEPOT 4	UGST	26000 lt	26000 lt	PREMIUM UNLEADED	3	II	1203	3YE
DEPOT 5	UGST	26000 lt	26000 lt	PREMIUM UNLEADED	3	II	1203	3YE
DEPOT 6	UGST	22000 lt	22000 lt	PREMIUM UNLEADED	3	II	1203	3YE
DEPOT 7	UGST	17000 lt	14,450 lt	AUTOMOTIVE LPG	2.1	--	1075	2YE
DEPOT 8	EXCH	528 lt	24 x 9 kg	CYLINDER LPG	2.1	--	1075	2YE
DEPOT 9	EXCH	528 lt	24 x 9 kg	CYLINDER LPG	2.1	--	1075	2YE

AGST DECT INST	Aboveground Storage Tank Decant Cylinder In-Situ Cylinder	UGST RETA PROC	Underground Storage Tank Refill Store Process Area	EXCH PACK CABN	Exchange Packaged Store Flammable Liquids Cabinet
----------------	---	----------------	--	----------------	---

EMERGENCY CONTACTS

NAME	TITLE/FUNCTION	TELEPHONE NO.
1 24 / 7 Support	24 Hour Emergency Communication Service	1800 655 160
2 Troy Dicker	Territory Manager (NSW Zone 4)	0400 586 115 Pager: 218144 (1300 555 555)

GENERAL NOTES

- MANDATORY SIGNS NEAR DISPENSERS**
EMERGENCY SLOPS & LPG CYLINDERS
- FH = FIRE HYDRANT
 - FE = FIRE EXTINGUISHER
 - FHR = FIRE HOSE REEL
 - ES = EMERGENCY STOP
 - SM = EMERGENCY INFORMATION BOX WITH SITE MANIFEST
 - SB = SWITCHBOARD
 - EK = ENVIRONMENTAL SPILL KIT
 - EMP = EMERGENCY MEETING POINT
 - L1 = DISPENSERS - FUEL & LPG
 - ZZZ = STORAGE DEPOT
 - ③ = CLASS OF DANGEROUS GOODS
 - ① = DANGEROUS GOODS DEPOT
 - OP = OPERATING PROCEDURES INCLUDING:
 - SITE HEADQUARTERS, MATERIAL SAFETY DATA SHEETS, HAZARD AREA PLAN, HAZARD RISK ASSESSMENT & EMERGENCY PROCEDURES
 - HCS = HAZCHEN SIGN
 - FFP = FUEL FILL POINT
 - LFP = LPG FILL POINT
 - L = LANDROPY COLUMN
 - B = BOLLARDS
 - ⊗ MW = MONITOR WELL
 - SWN = STORM WATER DRAIN
 - IP = INTERCEPTOR PIT
 - PC = POLLUTION CONTROL UNIT
 - VR = VAPOUR RECOVERY
 - VENT(S) = VENT PIPE TERMINATIONS
 - CP = CATHODIC PROTECTION
 - = DIRECTION OF DOWN SLOPE

SITE SAFETY PLAN

STRASBURGER ENTERPRISES (PROPERTIES) PTY LTD
 T/AS MOBIL QUIX DEE WHY
 SITE ID: NJ 3561/112
 940 PITWATER ROAD
 DEE WHY NSW 2099
 NOTIFICATION NO: 35/014388
 MAP: UBD SYDNEY 178 D4

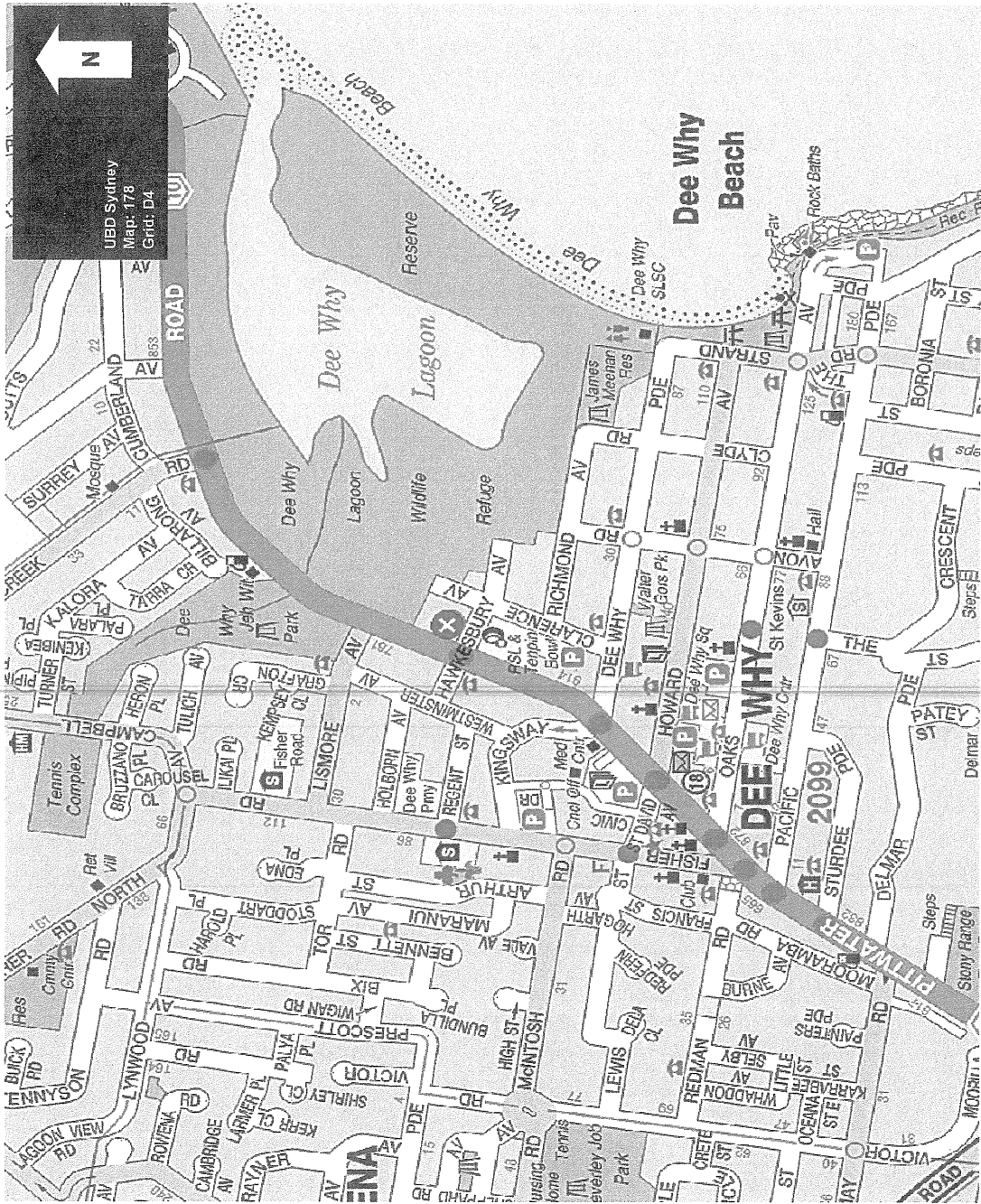


NOTIFICATION OF DANGEROUS GOODS ON PREMISES FORM

Attach a photocopy from a local Street Directory or other map showing the locality of the premises. Mark the location of the premises with an X

Map Source: UBD Sydney 178 D4

Coordinates (WGS84) Lat: -33.7492 Long: 151.2903





Application for Licence to Keep

DGT

Dangerous Goods

Application for: New Licence ☐ Amendment ☒ Transfer ☐ Renewal of expired licence ☐**PART A - Applicant and site information** (See page 2 of Guidance Notes)

1	Name of applicant	ACN
<u>STRASBURGER ENTERPRISES (PROPERTIES) PTY LTD</u>		
2	Postal Address of Applicant	Suburb/Town Postcode
<u>LEVEL 2, 79 VICTORIA PDE COLLINGWOOD VIC 3066</u>		
3	Trading Name or Site Occupier's Name	
<u>MOBIL QUICK SERVICE STATION</u>		
4	Contact for Licence Inquiries	
	Phone	Fax Name
	<u>03 8413 6037</u>	<u>RUSSELL DAVIES</u>
5	Previous Licence Number (if known)	<u>351 014358</u>
6	Previous Occupier (if known)	
7	Site to be Licensed	(Please include photocopy page from a local Street Directory with the site marked X)
	No Street	
<u>940 PITTWATER RD DEE WH/ 2099</u>		
8	Main Business of Site	<u>RETAIL FUEL SALES</u>
9	Site staffing:	Hours per day <u>24</u> Days per week <u>7</u>
10	Site Emergency Contact	
	Phone	Name
	<u>02 9971 7660</u>	<u>JAN CAMPBELL</u>
11	Major Supplier of Dangerous Goods	<u>MOBIL</u>
12	If a new site or for amendments to depots - see page 4 of Guidance Notes.	
	Plans Stamped by:	Signature of Competent Person Printed Name Date stamped
	<u>Reed</u>	<u>Reed</u> <u>Reed</u> <u>9/8/05</u>

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	Printed Name
	<u>Russell Davies</u>	<u>Russell Davies</u>

Dangerous Goods Licensing,
WorkCover NSW, Locked Bag 2906, LISAROW NSW 2252



PROPOSED INSTALLATION CHECKLIST KWIK GAS EXCHANGE CYLINDERS & CAGE

REFERENCE No:
(Transcribe onto Page 2)



Further guidance can be obtained by reference to AS/NZS 1596.

Prepared By (Print): T. PACEY	Sign: <i>[Signature]</i>	Date: 4.8.05	Site Contact name & No: IAN CAMPBELL 9971 7660
Cage Type (Size): 24 X 9 kg cylinders.	DEPOT	MOBIL QUIK SERVICE STATION	
Total Capacity (Cylinders): 412 lts	8.	940 PITWATER RD	
		DEE WHY 2099	

ITEM	DESCRIPTION	AS/NZS 1596 Clause (or other)	Min Dist	Act Dist.
1.	Cylinders/Cage Storage to electrical switchboard.	Appendix (K) AS/NZS 1596	1.5 Metres	NA Metre
2.	Cylinders/Cage Storage to protected works.	Table 6.1	0 Metres	0 Metre
3.	Cylinders/Cage to combustible materials storage.	(K)	0.5 Metres	6 Metre
4.	Cylinders/Cage to overhead power transmission lines.	(K)	1.5 Metres	NA Metre
5.	Cylinders/Cage to gas storage other than LPG. (Other gas)	(K)	3.0 Metres	NA Metre
6.	LP Gas cylinder storage to bulk storage tank	(K)	5.0 Metres	NA Metre
7.	Cylinders/Cage to flammable and combustible liquid (eg Petrol) storage.	(K)	1.5 Metres (Vapour) 1.5 Metres (Decant)	NA Metre
8.	Cylinders/Cage to a filling area or filling point.	(K)	1.5 Metres	NA Metre
9.	Cylinders/Cage to an ignition source.	(K)	1.5 Metres Horizontally, or 0.5 Metres Vertically	20 1 Metre
10.	Storage cylinders site conditions	10.5.12	Acceptable?	Yes
11.	Cylinders/Cage to decant Cylinder	(K)	At least 1.0 Metre from the hose reach of a LP Gas decanting cylinder	NA Metre
12.	Cylinders/Cage to underground drain entry point	(K)	1.5 Metres	NA Metre
13.	What are the delivery time windows? ... 7 DAYS(give detail in days and hours) Day light hours. Week days only			
14.	What is the nearest intersection? CNR HAWKESBURY AVE + PITWATER RD, DEE WHY			
15.	What is the expected usage / volume and are there any seasonal variances expected? 10 per week.... Give details 50% increase in holidays.			
16.	Additional/Misc. Please specify			

DRE WHV



PROPOSED INSTALLATION CHECKLIST KWIK GAS EXCHANGE CYLINDERS & CAGE

REFERENCE No:

ITEM	DESCRIPTION	AS/NZS 1596 Clause (or other)	Min Dist	Act Dist.
17.	Delivery vehicle access adequate? . Y or No Y. Give details : Drive up.			YES
18.	Can a delivery vehicle be driven straight out in an emergency? .Yes Give details: clear space to exit.			YES
19.	Is damage protection proposed? No ... Give details:			NO
20.	Give details of proposed fire protection (if applicable)			NA BUT EXTINGUISHER 2 BESIDE CAGE
21.	Cylinders/Cage to be located out doors Only	(K)	Acceptable?	Yes
22.	Cylinders/Cage to be minimum distance from any opening	(K)	1.0 Metres	Metres
23.	Cylinders/Cage to be a minimum distance from any structure limiting access past the cage	(K)	1.0 Metres	2 Metres
24.	Cylinders/Cage to be clear on at least two sides from any wall, solid display or other items that could restrict air flow	(K)	Acceptable?	NA Yes
25.	Cylinders/Cage to be a minimum distance from a public place or railway line	Table 6.1	0.0 Metres - 1 Cage (24) 1.5 Metres - 2 Cages (48)	13+ Metres
26.	Does your site sketch include all details of neighbouring premises within a 50-metre radius? No			
27.	DG Licence OK?			Licence No

NOTES: Licence addition by owner.

What is a depot? See page 5 of the Guidance Notes

PART C (Cont.) - Dangerous Goods Storage Complete one section per depot

If you have more depots than that space provided, photocopy sufficient sheets first

Depot Number	Type of Depot (see page 5)	Depot Class	Maximum Storage Capacity			
8 LG	CYLINDER STORE	2.1	216 kg			
UN Number	Proper Shipping Name	Class	PG (I, II, III)	Product or Common Name	Typical Quantity	Unit eg L, kg, m ³
1075	LIQUEFIED	2.1		LPGAS	216	kg
	PETROLEUM GASES					

Depot Number	Type of Depot (see page 5)	Depot Class	Maximum Storage Capacity			
9 LG	CYLINDER STORE	2.1	216 kg			
UN Number	Proper Shipping Name	Class	PG (I, II, III)	Product or Common Name	Typical Quantity	Unit eg L, kg, m ³
1075	LIQUEFIED	2.1		LP GAS	216	kg
	PETROLEUM GASES					

Depot Number	Type of Depot (see page 5)	Depot Class	Maximum Storage Capacity			
UN Number	Proper Shipping Name	Class	PG (I, II, III)	Product or Common Name	Typical Quantity	Unit eg L, kg, m ³

Depot Number	Type of Depot (see page 5)	Depot Class	Maximum Storage Capacity			
UN Number	Proper Shipping Name	Class	PG (I, II, III)	Product or Common Name	Typical Quantity	Unit eg L, kg, m ³



PROPOSED INSTALLATION CHECKLIST KWIK GAS EXCHANGE CYLINDERS & CAGE

REFERENCE No:
(Transcribe onto Page 2)



Further guidance can be obtained by reference to AS/NZS 1596.

Prepared By (Print): <i>T. PINE</i>	Sign: <i>[Signature]</i>	Date: <i>4.8.05</i>	Site Contact name & No: <i>IAN CAMPBELL 9971 7660</i>
Cage Type (Size): 24 X 9 kg cylinders.	<i>DEPOT</i>	<i>MOBIL QUIK SERVICE STATION</i>	
Total Capacity (Cylinders): 412 lts	<i>9</i>	<i>940 PITWATER RD DEE WHY 2099</i>	

ITEM	DESCRIPTION	AS/NZS 1596 Clause (or other)	Min Dist	Act Dist.
1.	Cylinders/Cage Storage to electrical switchboard.	Appendix (K) AS/NZS 1596	1.5 Metres	<i>NA</i> Metres
2.	Cylinders/Cage Storage to protected works.	Table 6.1	1 Metres	<i>0</i> Metres
3.	Cylinders/Cage to combustible materials storage.	(K)	0.5 Metres	<i>0.5</i> Metres
4.	Cylinders/Cage to overhead power transmission lines.	(K)	1.5 Metres	<i>NA</i> Metres
5.	Cylinders/Cage to gas storage other than LPG. (Other gas)	(K)	3.0 Metres	<i>NA</i> Metres
6.	LP Gas cylinder storage to bulk storage tank	(K)	3.0 Metres	<i>NA</i> Metres
7.	Cylinders/Cage to flammable and combustible liquid (eg Petrol) storage.	(K)	1.5 Metres Vapour) 1.5 Metres (Decant)	<i>NA</i> Metres
8.	Cylinders/Cage to a filling area or filling point.	(K)	1.5 Metres	<i>NA</i> Metres
9.	Cylinders/Cage to an ignition source.	(K)	1.5 Metres Horizontally, or 0.5 Metres Vertically	<i>3.0</i> <i>1</i> Metres
10.	Storage cylinders site conditions	10.5.12	Acceptable?	<i>Yes</i>
11.	Cylinders/Cage to decant Cylinder	(K)	At least 1.0 Metre from the hose reaction of a LP Gas decanting cylinder	<i>NA</i> Metres
12.	Cylinders/Cage to underground drain entry point	(K)	1.5 Metres	<i>NA</i> Metres
13.	What are the delivery time windows? <i>7 DAYS</i>(give detail in days and hours) Day 1 night hours. Week days only			
14.	What is the nearest intersection? <i>CNR HAWKESBURY AVE + PITWATER RD, DEE WHY</i>			
15.	What is the expected usage / volume and are there any seasonal variances expected? 10 per week.... Give details 50% increase in holidays.			
16.	Additional/Misc. Please specify			

DEL KWIK



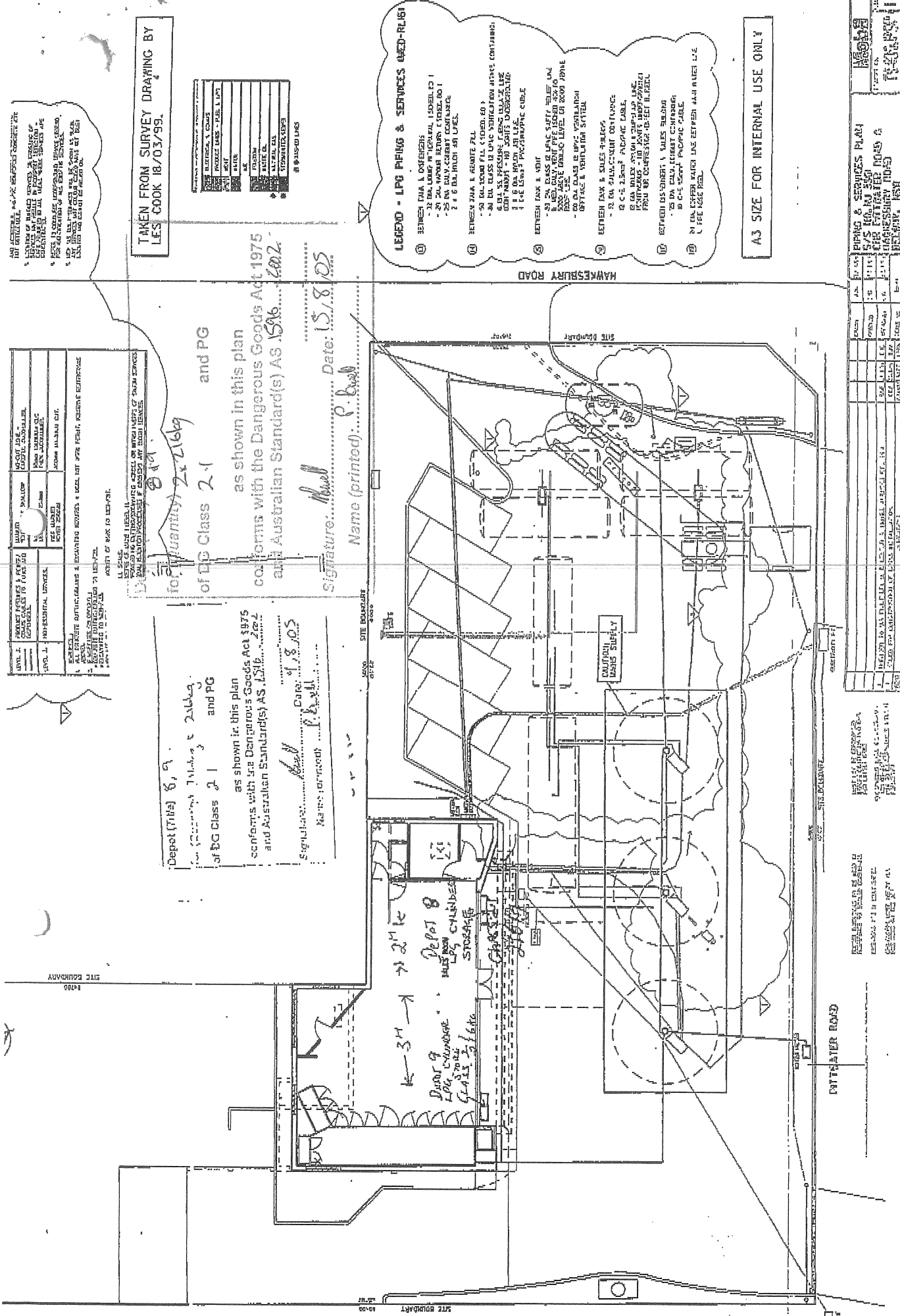
PROPOSED INSTALLATION CHECKLIST KWIK GAS EXCHANGE CYLINDERS & CAGE

REFERENCE No:

ITEM	DESCRIPTION	AS/NZS 1596 Clause (or other)	Min Dist	Act Dist.
17.	Delivery vehicle access adequate? . Y or No Y. Give details : Drive up.			YES
18.	Can a delivery vehicle be driven straight out in an emergency? .Yes Give details: clear space to exit.			YES
19.	Is damage protection proposed? No ... Give details:	NO		
20.	Give details of proposed fire protection (if applicable)	NA		
21.	Cylinders/Cage to be located out doors Only	(K)	Acceptable?	Yes
22.	Cylinders/Cage to be minimum distance from any opening	(K)	2.0 Metres	2+ Metres
23.	Cylinders/Cage to be a minimum distance from any structure limiting access past the cage	(K)	2.0 Metres	NA Metres
24.	Cylinders/Cage to be clear on at least two sides from any wall, solid display or other items that could restrict air flow	(K)	Acceptable?	Yes
25.	Cylinders/Cage to be a minimum distance from a public place or railway line	Table 6.1	0.0 Metres - 1 Cage (24) 1.5 Metres - 2 Cage (48)	13+ Metres
26.	Does your site sketch include all details of neighbouring premises within a 50-metre radius? No			
27.	DG Licence OK?			Licence No

NOTES: Licence addition by owner.

35/014388





#112

Licence No. 35/014388

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 35/014388 to 3/12/2005. I confirm that all the licence details shown below are correct (amend if necessary).

Russell Davies

(Signature)

Russell Davies

(Please print name)

29/10/04

(Date signed)

for: STRASBURGER ENTERPRISES (PROPERTIES) PTY LIMITED

THIS SIGNED DECLARATION SHOULD BE RETURNED TO:

WorkCover New South Wales
Dangerous Goods Licensing Section
LOCKED BAG 2906
LISAROW NSW 2252

Enquiries: ph (02) 43215500
fax (02) 92875500

Details of licence on 15 October 2004

Licence Number 35/014388

Expiry Date 3/12/2004

Licensee STRASBURGER ENTERPRISES (PROPERTIES) PTY LIMITED ACN 002 913 911
QUIX FOOD STORES

Postal Address: QUIX FOOD STORES P O BOX 1707 COLLINGWOOD VIC 3066

Licensee Contact LICENCE RENEWAL (ACCOUNTING DEPT)

Premises Licensed to Keep Dangerous Goods

STRASBURGER ENTERPRISES (PROPERTIES) PTY LIMITED QUIX FOOD STORES
940 PITTWATER RD DEE WHY 2099

Nature of Site AUTOMOTIVE FUEL RETAILING

Major Supplier of Dangerous Goods MOBIL

Emergency Contact for this Site DUTY MANAGER Ph. 9971 7660

Site staffing 24 HRS 7 DAYS

Details of Depots

Depot No.	Depot Type	Goods Stored in Depot	Qty
1	UNDERGROUND TANK	Class 3	57000 L
	UN 1203 PETROL		57000 L
2	UNDERGROUND TANK	Class 3	27000 L
	UN 1203 PETROL		27000 L
3	UNDERGROUND TANK	Class 3	27000 L
	UN 1203 PETROL		27000 L
4	UNDERGROUND TANK	Class 3	27000 L
	UN 1203 PETROL		27000 L
5	UNDERGROUND TANK	Class 3	27000 L
	UN 1203 PETROL		27000 L
6	UNDERGROUND TANK	Class 3	23000 L
	UN 1203 PETROL		23000 L
7	UNDERGROUND TANK	Class 2.1	17000 L
	UN 1075 PETROLEUM GASES, LIQUEFIED		17000 L
8	DECANTING CYLINDER (5) STORE	Class 2.1	180 KG
	UN 1075 PETROLEUM GASES, LIQUEFIED		180 KG

LPG 1

Sum
29/10/05

Dangerous Goods

Application for: ☐ New Licence ☒ Amendment ☐ Transfer ☐ Renewal of expired licence ☒

PART A - Applicant and site information (See page 2 of Guidance Notes)

1 Name of applicant **STRASBURGER ENTERPRISES (PROPERTIES) PTY LIMITED** 002 913 911 ACN

2 Postal Address of Applicant **QUIX FOOD STORES P.O. Box 1707 COLLINGWOOD VIC 3066** Suburb/Town Postcode

3 Trading Name or Site Occupier's Name **STRASBURGER ENTERPRISES (PROPERTIES) PTY LIMITED QUIX FOOD STORES**

4 Contact for Licence Inquiries **Phone (03) 8413 6037 Fax (03) 8413 6094 Name RUSSELL DAVIES.**

5 Previous Licence Number (if known) **35/ 014 388**

6 Previous Occupier (if known)

7 Site to be Licensed **No Street** (Please include photocopy page from a local Street Directory with the site marked X)

8 Main Business of Site **940 PITTWATER RD, DEE WHY 2099.**

9 Site staffing: Hours per day **24** Days per week **7**

10 Site Emergency Contact **Phone (02) 9971 7660 Name STORE MANAGER**

Major Supplier of Dangerous Goods **MOBIL**

12 If a new site or for amendments to depots - see page 4 of Guidance Notes. Plans Stamped by: **Signature of Competent Person Printed Name Lewis Northidge Date stamped 16/12/04**

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 **Signature of Applicant Printed Name JOHANE MCCARTHY**

WorkCover NSW, Locked Bag 2906, LISAROW NSW 2252

Please send your application marked Confidential to: Dangerous Goods Licensing,

Hollins: (02) 4321 5500 Fax: (02) 9287 5500

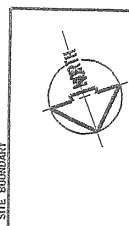
PART (Cont.) - Dangerous Goods Storage Complete one section per depot
If you have more depots than that space provided, photocopy sufficient sheets first

14

What is a depot? See page 5 of the Guidance Notes
 PART (cont.) - Dangerous Goods Storage. Complete one section per depot
 If you have more depots than that space provided, photocopy sufficient sheets first

Depot Number	Type of Depot (see page 5)	Class	Product or Common Name	Quantity	Unit eg L, kg, m ³
5	UNDERGROUND TANK	3	LP	27000	L
1203	PETROL	3		27000	L
6	UNDERGROUND TANK	3		230000	L
1203	PETROL	3	38000	23000	L
7	UNDERGROUND TANK	2-1		17000	L
1075	LP	2-1	LP	17000	L
8	CYLINDER STORE	2-1	LP	180	kg

285410



Depot (Title): Offender Store (Swirl 60)
 (Quantity): 100 kg
 for of DG Class 2.1 as shown in this plan conforms with
 the Dangerous Goods Act 1975 and Australian
 Standard AS 1596 : 1900 100 kg
 Date: 16 / 12 / 04
 Signatures: [Signature]
 Name (print) Leen! at the
 Note: Operators responsible to ensure that signs
 and labelling comply with above

LEGEND - LPG PIPING & SERVICES (MED-RUG)

(U)	BETWEEN TANK & DISPENSERS <ul style="list-style-type: none">- 32 DIA. LIQUID WITHDRAWAL (SCHED. 80)- 12 DIA. VAPOR WITHDRAWAL (SCHED. 80)- 25 DIA. GALV. CONDUIT CONTAINING:<ul style="list-style-type: none">2 X 6 DIA. NYLON AIR LINES.
(H)	BETWEEN TANK & REMOTE FILL <ul style="list-style-type: none">- 50 DIA. LIQUID FILL (SCHED. 80)- 12 DIA. VAPOR WITHDRAWAL INTAKE CONTAINING:<ul style="list-style-type: none">3 DIA. SS. PRESSURE TUBING (SCHED. 80)2 X 6 DIA. NYLON AIR LINE1 C/E 1.5mm" PVC/5MM" PVC CABLE
(S)	BETWEEN TANK & VENT <ul style="list-style-type: none">- 40 DIA. CLASS 12 LPVC SAFETY RELIEF LINE- 12 DIA. VENT LINE (SCHED. 80) TO 3000' ABOVE GROUND LEVEL OR 200' ABOVE ROOF LINE.- 32 DIA. CLASS 12 LPVC VENTILATION OFFTAKE & VENTILATION STIAL.
(B)	BETWEEN TANK & SALES BUILDING <ul style="list-style-type: none">- 32 DIA. GALV. CONDUIT CONTAINING:<ul style="list-style-type: none">12 C/E 2.5mm" PVC/PVC CABLE.12 DIA. NYLEX NYLON HUBBARD AIR LINE.- CONTINUOUS - NO JOINTS UNDERGROUND FROM AIR COMPRESSOR GARET BUREAU.
(T)	BETWEEN DISPENSERS & SALES BUILDING <ul style="list-style-type: none">- 25 DIA. GALV. CONDUIT CONTAINING:<ul style="list-style-type: none">10 C/E 1.5mm" PVC/PVC CABLE.
(C)	20 DIA. COPPER WATER LINE BETWEEN LINE & FILL INSIDE REEL.

A3 SIZE FOR INTERNAL USE ONLY

FINISHED DIMENSIONS TO BE USED IN
PREFERENCE TO SCALED DIMENSIONS

DIMENSIONS ARE IN MILLIMETERS

CONTRACTOR MUST VERIFY
DIMENSIONS ON THE JOB

MUST NOT BE REPRODUCED
BEFORE CONTACTING I/O ENV,
760 LATEST ESSE

© COPYRIGHT 1984, Q2 AUSTRALIAN
ACT 04435584
NOT TO BE REPRODUCED WITHOUT
PERMISSION

WORKCOVER NEW SOUTH WALES

DETAILS OF LICENCE FOR KEEPING DANGEROUS GOODS ON 19 November 1999

Licence Number 35/014388 Expiry Date 4/12/2000 No of Depots. 8

Licencee Details

Licencee STRASBURGER ENTERPRISES (PROPERTIES) PTY LTD ACN 002 913 911

Trading name QUIX FOOD STORES

Postal Address QUIX FOOD STORES BAG 19 SEVEN HILLS NSW 1730

Licencee Contact REGIONAL MANAGER Ph. 9838 7499 Fax. 9624 2878

Site Details

Premises Licensed to Keep Dangerous Goods

STRASBURGER ENTERPRISES (PROPERTIES) PTY LTD QUIX FOOD STORES
940 PITTWATER RD DEE WHY 2099

Nature of Site AUTOMOTIVE FUEL RETAILING

Major Supplier of Dangerous Goods MOBIL

Emergency Contact for this Site DUTY MANAGER Ph. 9971 7660

Site staffing 24HRS 7DAYS

Details of Depots

Depot No. Depot Type

Goods Stored in Depot

1	UNDERGROUND TANK	Class 3	57000 L
2	UNDERGROUND TANK	Class 3	57000 L
3	UNDERGROUND TANK	Class 3	27000 L
4	UNDERGROUND TANK	Class 3	27000 L
5	UNDERGROUND TANK	Class 3	27000 L
6	UNDERGROUND TANK	Class 3	27000 L
7	UNDERGROUND TANK	Class 2.1	23000 L
8	DECANTING CYLINDER(S)	Class 2.1	17000 L
	UN 1075 PETROLEUM GASES, LIQUEFIED		190 KG
	UN 1075 PETROLEUM GASES, LIQUEFIED		150 KG

WORKCOVER NEW SOUTH WALES

DETAILS OF LICENCE FOR KEEPING

DANGEROUS GOODS ON 18 August 1999



35/014388

Licence Number 35/014388 Expiry Date 4/12/1999 No of Depots. 6

Licence Details

Licensee STRASBURGER ENTERPRISES (PROPERTIES) PTY LTD ACN 002 913 911

Trading name

Postal Address QUIX FOOD STORES BAG 19 SEVEN HILLS NSW 1730

Licensee Contact REGIONAL MANAGER Ph. 9838 7499 Fax. 9624 2878

Site Details

Premises Licensed to Keep Dangerous Goods

STRASBURGER ENTERPRISES (PROPERTIES) PTY LTD
940 PITTWATER RD DEE WHY 2099

Nature of Site AUTOMOTIVE FUEL RETAILING

Major Supplier of Dangerous Goods MOBIL

Emergency Contact for this Site DUTY MANAGER Ph. 9971 7660

Site staffing 24HRS 7DAYS

Details of Depots

Depot No. Depot Type

Goods Stored in Depot

Qty

1	UNDERGROUND TANK	UN 1203 PETROL	Class 3	57000 L
2	UNDERGROUND TANK	UN 1203 PETROL	Class 3	26970 L
3	UNDERGROUND TANK	UN 1203 PETROL	Class 3	26970 L
4	UNDERGROUND TANK	UN 1203 PETROL	Class 3	26970 L
5	UNDERGROUND TANK	UN 1203 PETROL	Class 3	26970 L
6	UNDERGROUND TANK	UN 1203 PETROL	Class 3	23400 L

Application for Licence to Keep Dangerous Goods

RECEIVED

16 AUG 1999

SCIENTIFIC SERVICES

WORKCOVER
NEW SOUTH WALES

expiring 4/12/2000

Application for ☐ new licence ☒ amendment ☐ transfer ☐ renewal of expired licence

PART A - Applicant and site information

See page 2 of Guidance Notes.

1 Name of applicant

ACN

STRASBURGER ENTERPRISES

(PROPERTIES)

PIL

002 913911

2 Postal address of applicant

Suburb/Town

Postcode

BAG 19

SEVEN HILLS.

1730.

3 Trading name or site occupier's name

QUIX FOOD STORE

4 Contact for licence inquiries

Phone

Fax

Name

02 98387499

02 96242878

REGIONAL MANAGER

5 Previous licence number (if known)

35/014388

6 Previous occupier (if known)

7 Site to be licensed

No

Street

940

PITTWATER ROAD

Suburb / Town

Postcode

DEE WHY

2099

8 Main business of site

SERVICE STATION

9 Site staffing: Hours per day

24

Days per week

7

10 Site emergency contact

Phone

Name

02 9971 7660

DUTY MANAGER

11 Major supplier of dangerous goods

MOBIL

12 If a new site or for amendments to depots - see page 4 of Guidance Notes.

Plan stamped by:

Name of Accredited Consultant

Date stamped

PHIL KEMM

3.8.99

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

Printed name

Date

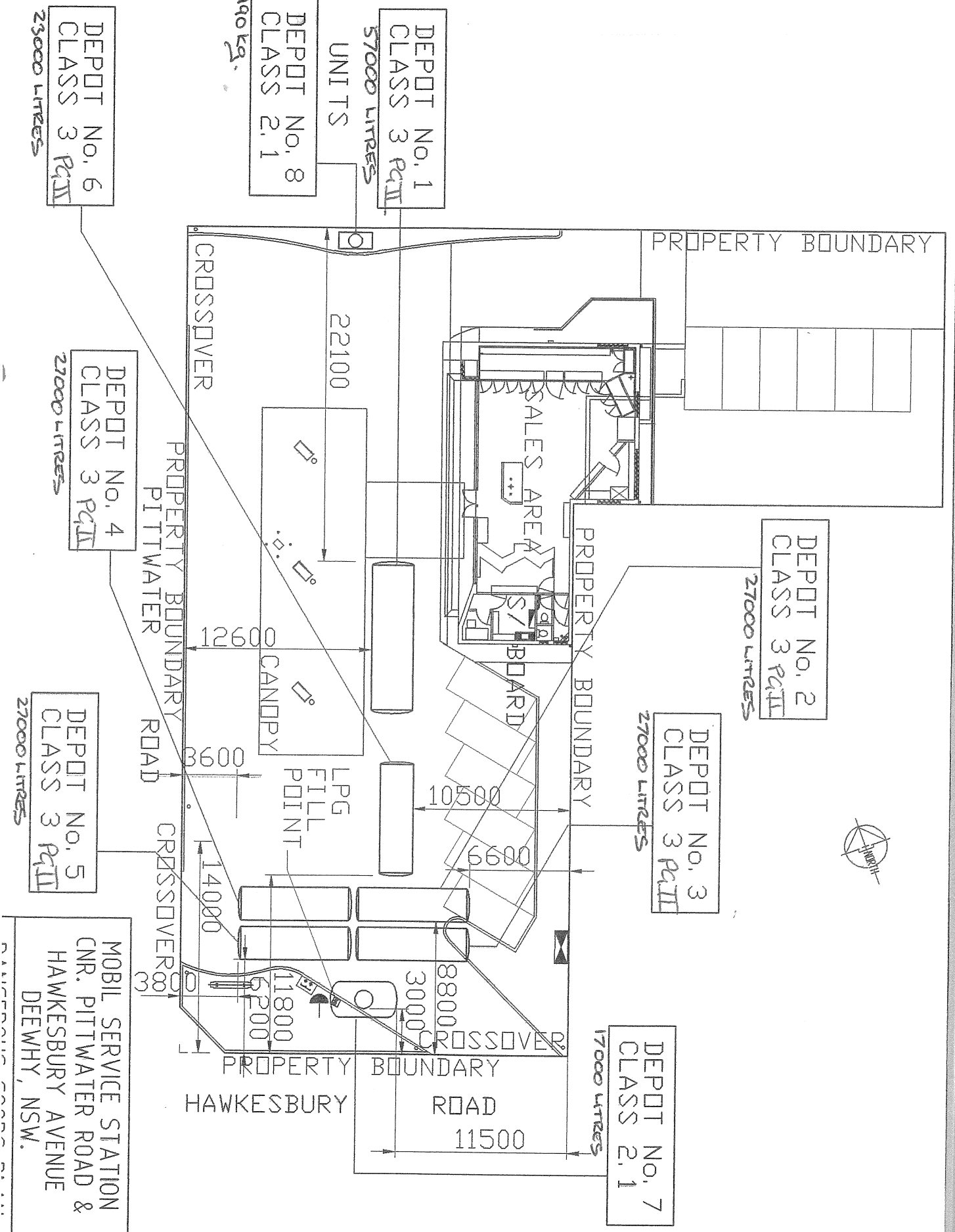
[Signature]

CHRISTINE COOK

6.8.99

Please send your application, marked **CONFIDENTIAL**, to:

**Dangerous Goods Licensing, Level 3, Locked Bag 10, Clarence Street,
SYDNEY NSW 2000**



What is a depot? See page 5 of the Guidance Notes.

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 (see page 5)	Depot Class	Maximum storage capacity
1	UNDERGROUND TANK	3	57,000 LITRES

UN Number	Proper Shipping Name	Class (I, II, III)	PG Class (I, II, III)	Product or common name	Typical quantity	Unit, e.g. L, kg, m ³
1203	PETROL	3	II	PETROL	57000	L

Depot Number	Type of depot (see page 5)	Depot Class	Maximum storage capacity
2	UNDERGROUND TANK	3	27,000 LITRES

UN Number	Proper Shipping Name	Class (I, II, III)	PG Class (I, II, III)	Product or common name	Typical quantity	Unit, e.g. L, kg, m ³
1203	PETROL	3	II	PETROL	27,000	L

Depot Number	Type of depot (see page 5)	Depot Class	Maximum storage capacity
3	UNDERGROUND TANK	3	27,000 LITRES

UN Number	Proper Shipping Name	Class (I, II, III)	PG Class (I, II, III)	Product or common name	Typical quantity	Unit, e.g. L, kg, m ³
1203	PETROL	3	II	PETROL	27,000	L

Depot Number	Type of depot (see page 5)	Depot Class	Maximum storage capacity
4	UNDERGROUND TANK	3	27,000 LITRES

UN Number	Proper Shipping Name	Class (I, II, III)	PG Class (I, II, III)	Product or common name	Typical quantity	Unit, e.g. L, kg, m ³
1203	PETROL	3	II	PETROL	27,000	L

PART C – Dangerous Goods Storage Complete one section per depot.

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346

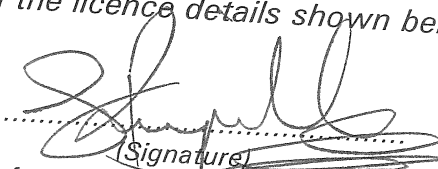


WorkCover New South Wales, 400 Kent Street, Sydney 2000. Telephone 9370 5000 ALL MAIL TO G.P.O. BOX 5364 SYDNEY 2001
Licence No. 35/014388

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 35/014388 to 4/12/2001. I confirm that all the licence details shown below are correct (amend if necessary).


(Signature)

SAM PUPILLO

(Please print name)

6-11-2000

(Date signed)

for: STRASBURGER ENTERPRISES (PROPERTIES) 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 16 October 2000

Licence Number 35/014388

Expiry Date 4/12/2000

Licensee STRASBURGER ENTERPRISES (PROPERTIES) PTY LTD ACN 002 913 911
QUIX FOOD STORES

Postal Address: QUIX FOOD STORES BAG 19 SEVEN HILLS NSW 1730

Licensee Contact REGIONAL MANAGER Ph. 9838 7499 Fax. 9624 2878

Premises Licensed to Keep Dangerous Goods
STRASBURGER ENTERPRISES (PROPERTIES) PTY LTD QUIX FOOD STORES
940 PITTWATER RD DEE WHY 2099

Nature of Site AUTOMOTIVE FUEL RETAILING

Major Supplier of Dangerous Goods MOBIL

Emergency Contact for this Site DUTY MANAGER Ph. 9971 7660

Site staffing 24HRS 7DAYS

Details of Depots

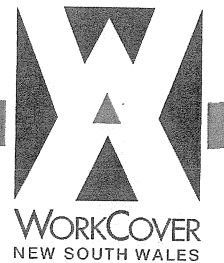
Depot No.	Depot Type	Goods Stored in Depot	Qty
1	UNDERGROUND TANK	Class 3	
	UN 1203 PETROL		57000 L
2	UNDERGROUND TANK	Class 3	
	UN 1203 PETROL		57000 L
3	UNDERGROUND TANK	Class 3	
	UN 1203 PETROL		27000 L
4	UNDERGROUND TANK	Class 3	
	UN 1203 PETROL		27000 L
5	UNDERGROUND TANK	Class 3	
	UN 1203 PETROL		27000 L
6	UNDERGROUND TANK	Class 3	
	UN 1203 PETROL		27000 L
7	UNDERGROUND TANK	Class 2.1	
	UN 1075 PETROLEUM GASES, LIQUEFIED		23000 L
			17000 L
			17000 L

Form DG10



WorkCover New South Wales, 400 Kent Street, Sydney 2000. Telephone 9370 5000 ALL MAIL TO G.P.O. BOX 5364 SYDNEY 2001

Licence No. 35/014388



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

8

DECANTING CYLINDER(S)

Class 2.1

190 KG

UN 1075 PETROLEUM GASES, LIQUEFIED

150 KG

Form DG10

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 35/014388 to 1999. I confirm that all the licence details shown below are correct (amend if necessary).


(Signature)

Barry King

(Please print name)

20-4-98

(Date signed)

for: STRASBURGER ENTERPRISES (PROPERTIES) 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

Enquiries: ph (02) 9370 5187
fax (02) 9370 6105

Details of licence on 14 April 1998

Licence Number 35/014388 Expiry Date 04/09/98

Licensee STRASBURGER ENTERPRISES (PROPERTIES) P/L ACN 002 913 911
QUIX FOOD STORES

Postal Address BAG 19, SEVEN HILLS 2147 1730

Licensee Contact ~~Michael Luxworth~~ ^{REGIONAL MGR} Ph. 98387499 Fax. 96242878

Premises Licensed to Keep Dangerous Goods
940 PITTWATER RD
DEE WHY 2099

DATA
- 7 SEP 1998
ENTERED

Nature of Site Service Station Major Supplier of Dangerous Goods MOBIL

Emergency Contact for this Site Duty Manager ph. 9971 7660

Site staffing 24hrs 7days

Details of Depots

Depot No.	Depot Type	Goods Stored in Depot	Qty
1	UNDERGROUND TANK	Class 3 UN 1203 PETROL	57000 L 57000 L
2	UNDERGROUND TANK	Class 3 UN 1203 PETROL	26970 L 26970 L
3	UNDERGROUND TANK	Class 3 UN 1203 PETROL	26970 L 26970 L
4	UNDERGROUND TANK	Class 3 UN 1203 PETROL	26970 L 26970 L
5	UNDERGROUND TANK	Class 3 UN 1203 PETROL	26970 L 26970 L
6	UNDERGROUND TANK	Class 3 UN 1203 PETROL	23400 L 23400 L

QUIX SERVICE STATION

940 PITTWATER RD. DEE WHY

LIC. N° 35/014388

W.G. 17.2.96

ALL DEPOTS ARE CLASS 3

35/014388

WOODEN FENCE

14.0

CAR PORT

SHED

BRICK WALL

H O U S E

XXX VENTS

SALES ROOM

SWITCH BOARD

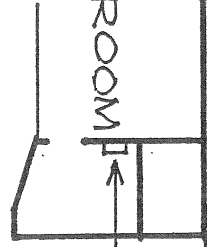
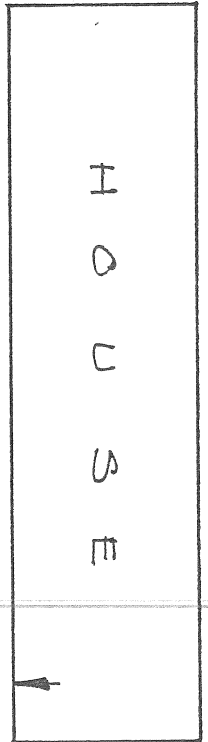
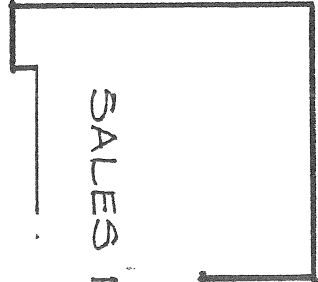
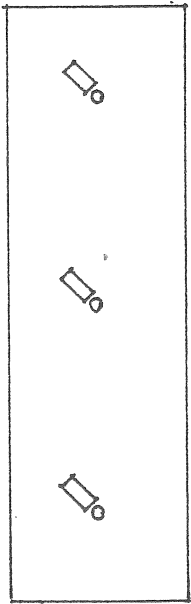
0.9

ENTRY / EXIT

DEPOT 1

DEPOT 6

DEPOT 4 DEPOT 2
DEPOT 5 DEPOT 3



DRIVE

3.0

WAY

ENTRY

PITTWATER ROAD

EXIT

HAWKESBURY ROAD

U N I T S



File to Perry
35/014388

**** CONDITIONAL LICENCE ****

WorkCover New South Wales, 400 Kent Street, Sydney 2000 Phone 370 5639 Fax 370 6115 DX 480 Sydney

Reference

ALL CORRESPONDENCE TO LOCKED BAG 10 CLARENCE STREET SYDNEY 2000

SCIENTIFIC SERVICES BRANCH

Dangerous Goods Licensing

ph. (02) 370 5187 fax (02) 370 6105



Licensee STRASBURGER ENTERPRISES (PROPERTIES) P/L ACN 002 913 911
QUIX FOOD STORES
6TH FLR, 53 BERRY ST
NORTH SYDNEY 2060

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 35/014388 **Expiry Date** 04/09/96 **No. of Depots** 6

Licensee Contact Tony Chambers Ph. 962 2526 Fax. 962 2417

Premises Licensed to Keep Dangerous Goods
940 PITTWATER RD
DEE WHY 2099

Nature of Site Service Station

Emergency Contact for this Site Duty Manager 9971 7660 24hrs 7days

Major Supplier of Dangerous Goods MOBIL

DETAILS OF DEPOTS

Depot No.	Depot Type	Goods Stored in Depot	Qty
1	UNDERGROUND TANK	Class 3 UN 1203 PETROL	57000 L 57000 L
2	UNDERGROUND TANK	Class 3 UN 1203 PETROL	26970 L 26970 L
3	UNDERGROUND TANK	Class 3 UN 1203 PETROL	26970 L 26970 L
4	UNDERGROUND TANK	Class 3 UN 1203 PETROL	26970 L 26970 L
5	UNDERGROUND TANK	Class 3 UN 1203 PETROL	26970 L 26970 L
6	UNDERGROUND TANK	Class 3 UN 1203 PETROL	23400 L 23400 L

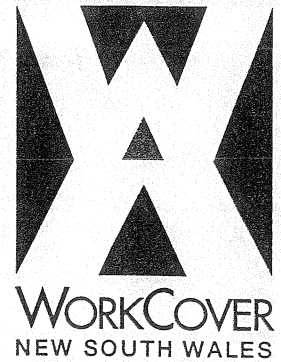
**** Licence has been issued on condition that an A4 size site sketch is submitted to WorkCover by 8 March 1996. ****

PLEASE RETAIN AS PROOF OF LICENCE

Issued by Chief Inspector of Dangerous Goods on 1 February 1996

New South Wales Government

Application for Licence to Keep Dangerous Goods



Application for ☐ new licence ☐ amendment ☐ transfer ☒ renewal of expired licence

PART A - Applicant and site information

1 Name of applicant ACN
STRASBURGER ENTERPRISES (PROPERTIES) P/L **002 913911**

2 Postal address of applicant Suburb/Town Postcode
6TH FLOOR, 53 BERRY ST **NORTH SYDNEY** **2060**

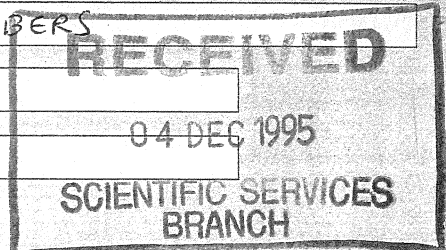
3 Trading name or site occupier's name
QUIX FOOD STORES

4 Contact for licence inquiries
Phone **02 9622526** Fax **02 9622417** Name **TONY CHAMBERS**

5 Previous licence number (if known) **35/ 014388**

6 Previous occupier (if known)

7 Site to be licensed
No **940** Street **PITTWATER RD**
Suburb / Town **DEE WHY** Postcode **2099**



8 Main business of site **SERVICE STATION**

9 Site staffing: Hours per day **24** Days per week **7**

10 Emergency contact
Phone **9717660** Name **DUTY MANAGER**

11 Major supplier of dangerous goods **MOBIL OIL AUSTRALIA**

DATA

31 JAN 1996

ENTERED

12 If a new site or for amendments to depots
Plan stamped by: Name of Accredited Consultant Date stamped

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 **R. Fitcher** Date **26-11-95**

Please send your application, marked **CONFIDENTIAL**, to:
**Dangerous Goods Licensing, Level 3, Locked Bag 10, Clarence Street,
SYDNEY NSW 2000**

Sent 29/12/96

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	UNDERGROUND TANK	3	57000 L

UN Number	Correct Shipping Name	PG Class (I, II, III)	Product or common name	Typical quantity	Unit, e.g. L, kg, m ³
1203	PETROL	3 II	SUPER	57000	✓

Depot Number	Type of depot	Depot Class	Maximum storage capacity
2	UNDERGROUND TANK	3	26970 L

UN Number	Correct Shipping Name	PG Class (I, II, III)	Product or common name	Typical quantity	Unit, e.g. L, kg, m ³
1203	PETROL	3 II	SUPER	26970	✓

Depot Number	Type of depot	Depot Class	Maximum storage capacity
3	UNDERGROUND TANK	3	26970 L

UN Number	Correct Shipping Name	PG Class (I, II, III)	Product or common name	Typical quantity	Unit, e.g. L, kg, m ³
1203	PETROL	3 II	SUPER	26970 26970	L

Depot Number	Type of depot	Depot Class	Maximum storage capacity
4	UNDERGROUND TANK	3	26970 L

UN Number	Correct Shipping Name	PG Class (I, II, III)	Product or common name	Typical quantity	Unit, e.g. L, kg, m ³
1203	PETROL	3 II	UNLEADED	26970	L

APPLICATION FOR LICENCE (or AMENDMENT or TRANSFER of LICENCE)
FOR THE KEEPING OF DANGEROUS GOODS

OPERATOR FOUR

Application is hereby made for—
the licence (or amendment of the licence) for the keeping of dangerous goods in or on the premises described below.
the transfer of the licence

FEE: \$10.00 per Depot for new licence.
\$10.00 for amendment or transfer.

VERIFIED
DP 3 (*delete whichever is not required)

Name of Applicant in full (see over) NASSIM ATTALLA 6T83 18/07/84

Trading name or occupier's name (if any) NASSIM ATTALLA

Postal address 940 PITTWATER RD Postcode 2099

Address of the premises including street number (if any) PITTWATER RD & HALLIKER RD Postcode 2099

Nature of premises (see over) Service Station

Telephone number of applicant STD Code _____ Number 98 7660

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		C & C Office use only
			Product being stored		
				DD	007 022 7
1	Underground	27000	3.1	Petrol	2 020 34
2	" "	27000	3.1	"	2 020 34
3	" "	27000	3.1	"	2 020 34
4	" "	27000	3.1	"	2 020 34
5	" "	20000	3.1	"	2 020 24
6	" "	45000	3.1	"	2 020 44
7	Calcium	100K-6	5.1 B	Calc. Hypo	6 002 12
8					
9					
10					
11					
12					

INSPECTION FIELD COLLECTION

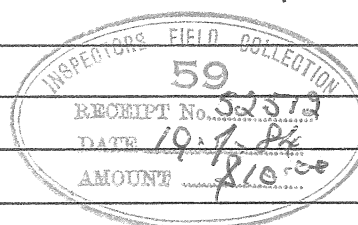
59

RECEIPT No. 52512

DATE 19-7-82

AMOUNT 810.00

2



Has site plan been approved? Yes ☒ No ☐ If yes, no plans required. If no, please attach site plan.

Have premises previously been licensed? Yes ☒ No ☐ If yes, state name of previous occupier. Attalla

Name of company supplying flammable liquid (if any) 1708.6

X Signature of applicant [Signature]

Date 19/7/84

For external explosives magazine(s), please fill in side 2.

FOR OFFICE USE ONLY

CERTIFICATE OF INSPECTION

I, Coora - R. Brooks
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.

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 [Signature]

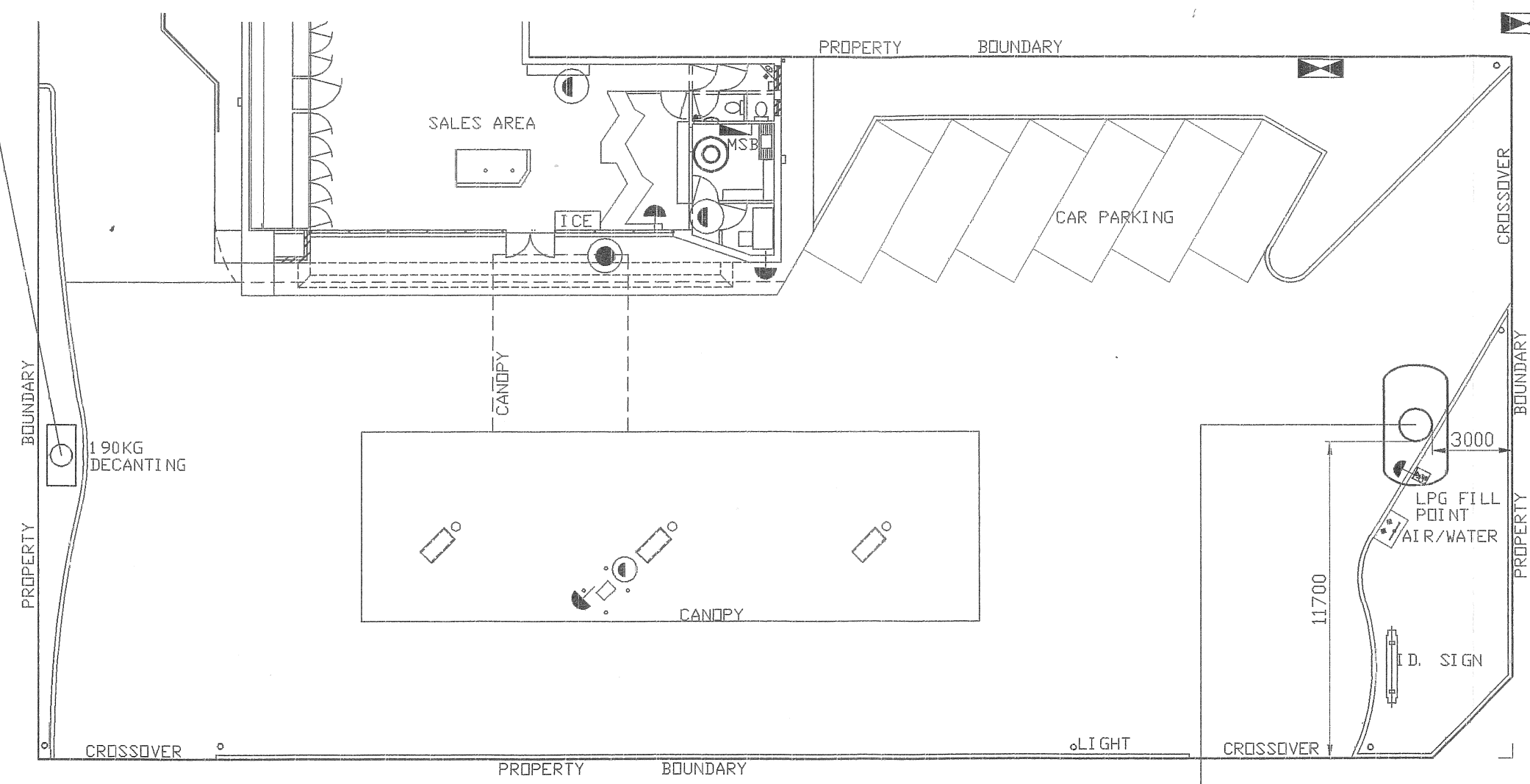
Date _____

plc

LEGEND

- 9KG DRY CHEMICAL FIRE EXTINGUISHER
- 4. 5KG DRY CHEMICAL FIRE EXTINGUISHER
- 1. 5KG DRY CHEMICAL FIRE EXTINGUISHER
- EMERGENCY STOP BUTTON
- 36M X 20 N. B. HOSE REEL & WATER PROOF LOCKABLE CABINET

DEPOT No.8
DECANT CYLINDER
PRODUCT LP.GAS
CLASS 2.1
190 kg.



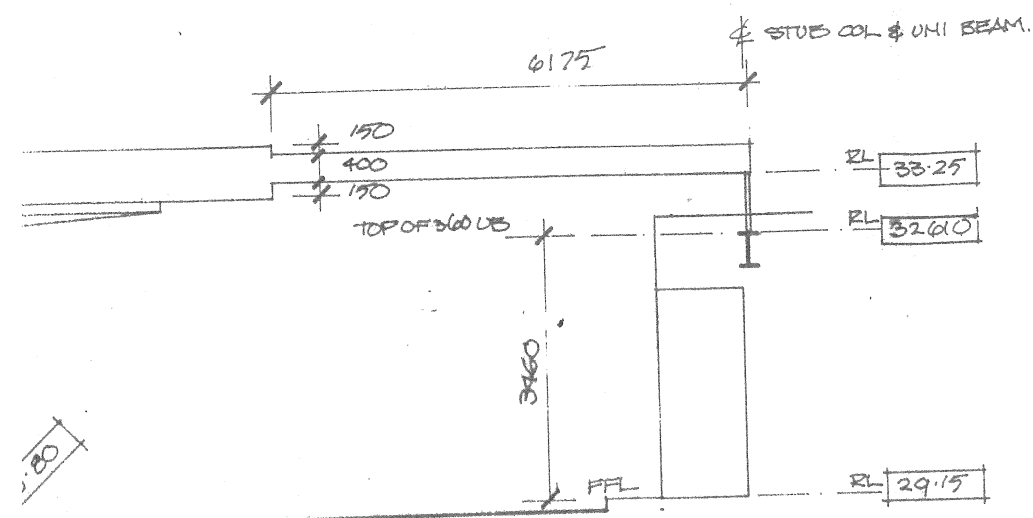
HAWKESBURY ROAD

PITTWATER ROAD

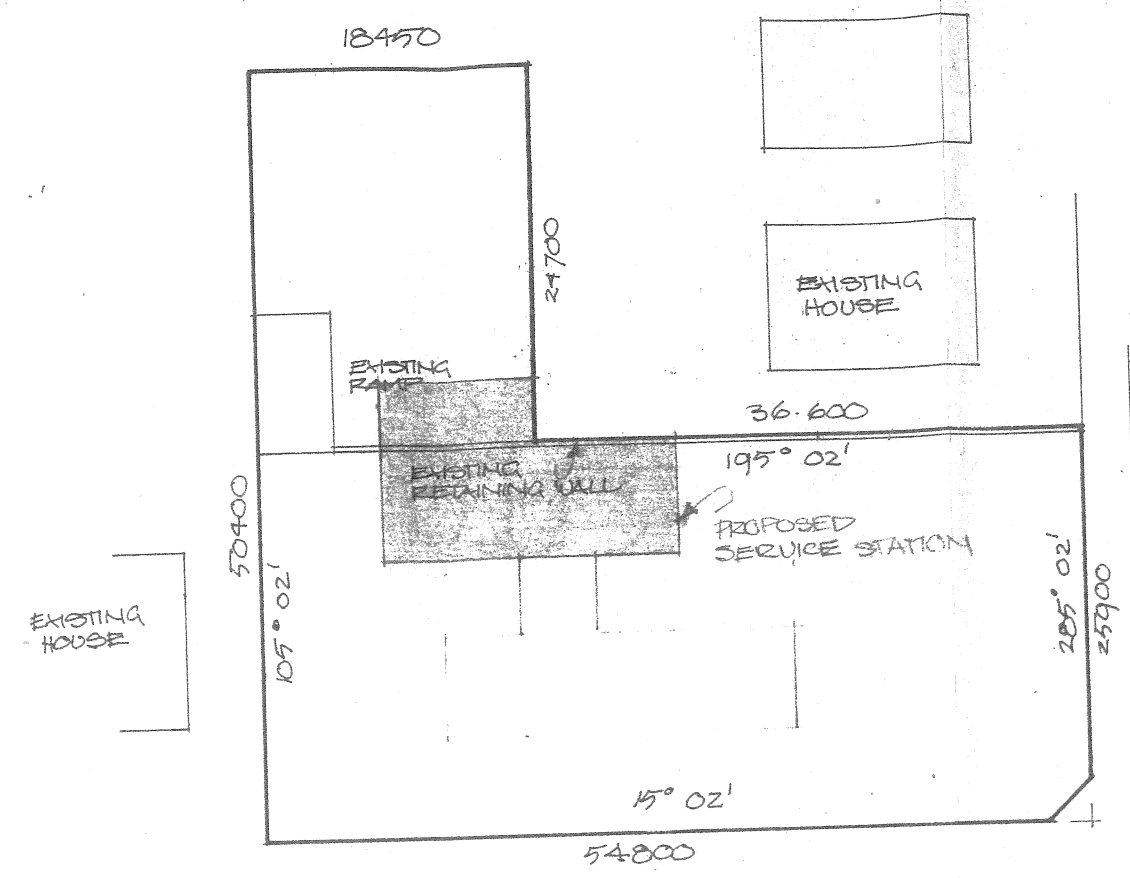
DEPOT No.7
UNDERGROUND TANK
PRODUCT LP.GAS
CLASS 2.1
17,000 LITRES

Depot 7 & 8
For 17,000 Ltrs @ 190kg
Of DG class 2.1 and PG -
as shown in this plan
conforms with the Dangerous Goods act 1975
and Australian Standard (S) AS 1596-1997
AS 2430-1997
Signature: P. Kemm Date: 23.12.99
Name: P. Kemm Hazkem P/L

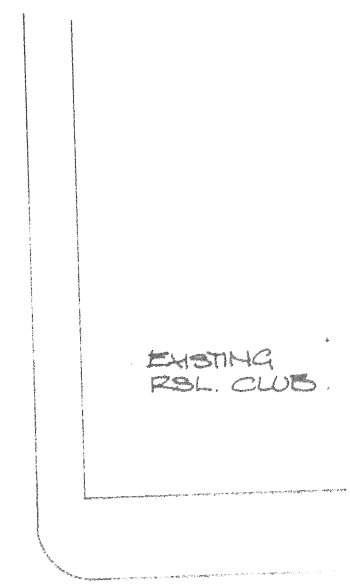
CONSULTANT COMPANY NAME HAZKEM PTY LTD		DRAWING NO. 005 827 814		DATE 23.12.99		SCALE		S.M.		16.11.98		17KL UNDERGROUND LPG INSTALLATION FOR MOBIL SERVICE STATION CNR PITTWATER ROAD & HAWKESBURY AVE DEEWY, NSW		Mobil	
PHONE (03) 9842 7300		FAX (03) 9842 7311		DESIGNED BY P. KEMM		APPROVED BY		SH		25.05.99		DRAWN DATE APPD.		DRAWING No.	
DRAWN BY S. MINA		CONSULTANT'S REG. NO.		1		LPG TANK & FILL POINT RELOCATED		SH		25.05.99		SCALE		NTS.	
				ISSUE		ALTERATIONS								M79407	
														1	



ON THRU CANOPY EXTENSION

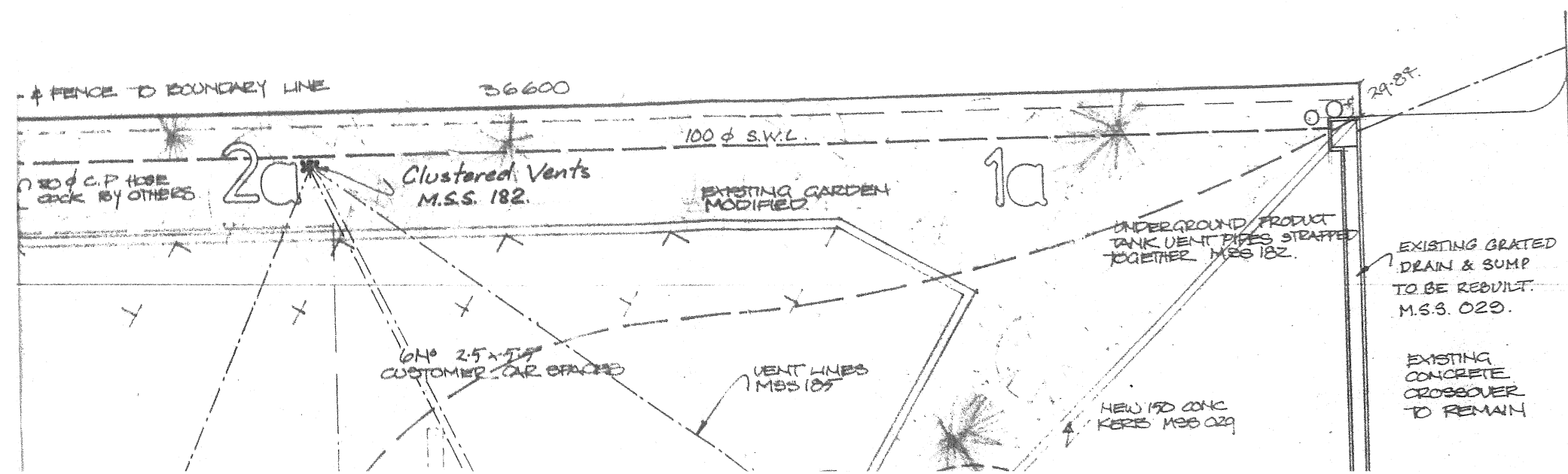


HAWKESBURY ROAD

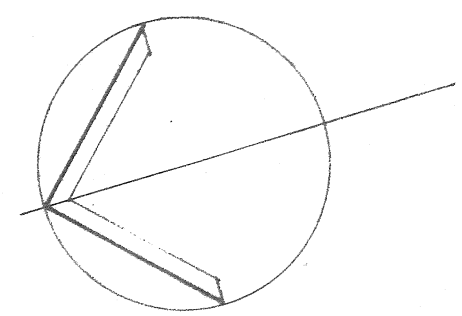


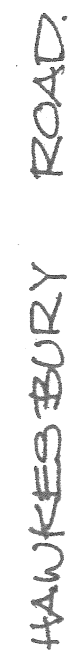
TO SYDNEY

PITWATER ROAD



BLOCK PLAN
SCALE 1:500





LANDSCAPING TO GARDEN AREAS
TO BE A SEPARATE CONTRACT

DANGEROUS GOODS BRANCH

PASSED

[Signature]

FOR CHIEF INSPECTOR

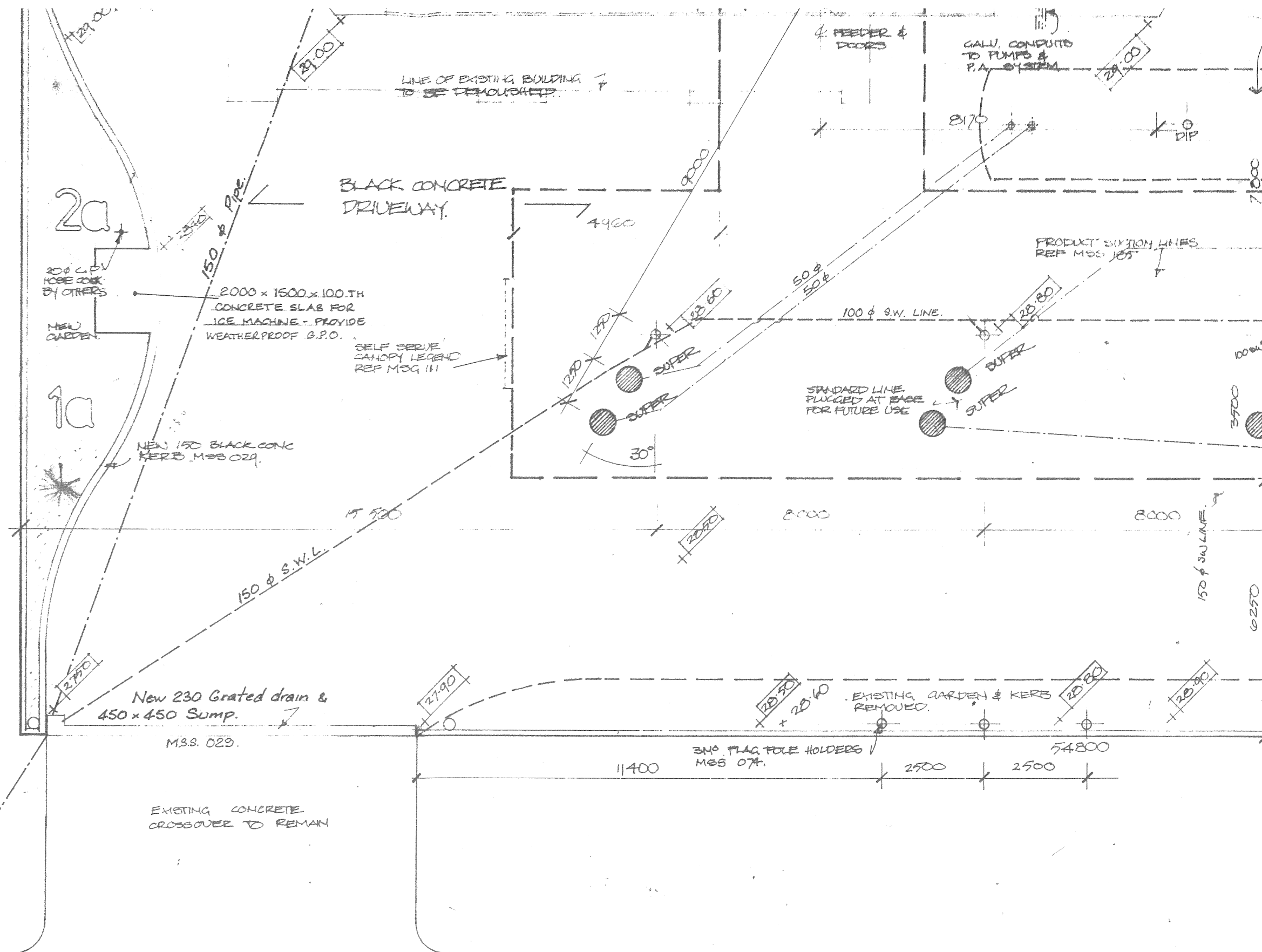
10/12/82

SUBJECT TO COMPLIANCE WITH REGULATIONS

Mobil	
DRAWING No. C6666	ISSUE A



102 x 203 Galv'd R.H.S.
drain to street
gutter.



PITTWATER ROAD

FIGURED DIMENSIONS TO BE USED IN
PREFERENCE TO SCALED DIMENSIONS

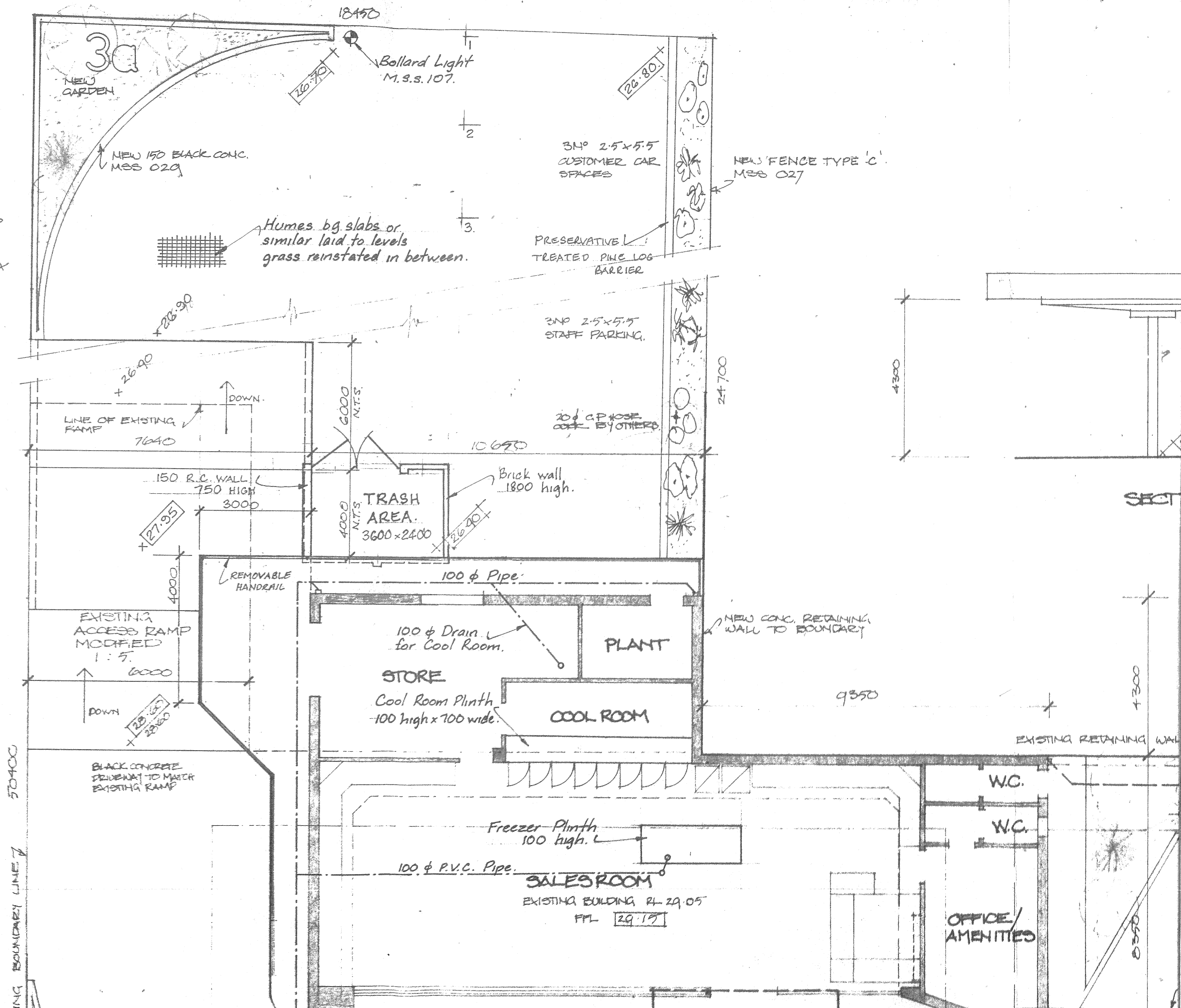
MUST NOT BE REPRODUCED
BEFORE CONTACTING H/O ENG.
FOR LATEST ISSUE

CONTRACTOR MUST VERIFY ALL
DIMENSIONS ON THE JOB

DIMENSIONS ARE IN MILLIMETRE

LANDSCAPE LEGEND

- 1 SMALL EVERGREEN SHRUBS TO A MAX HT 600 AT A MAX 1000 QTS IN CLUMPS OF 2 & 3
- 2 EVERGREEN SHRUBS TO A MAX HT 900 AT A MAX 1200 QTS WITH ISOLATED CREEPER & TYPE 1 IN BETWEEN
- 3 EVERGREEN SHRUBS TO A MAX HT 4000 AT MAX 3000 QTS (1800 HT WHEN PLANTED WITH TYPES 1 & 2 IN BETWEEN.
- 4 50 mm TAN BARK OR PINEBARK OR POLYTHENE.



Liquid Seal in accordance
with Mobil Oil Drawing R. 17598

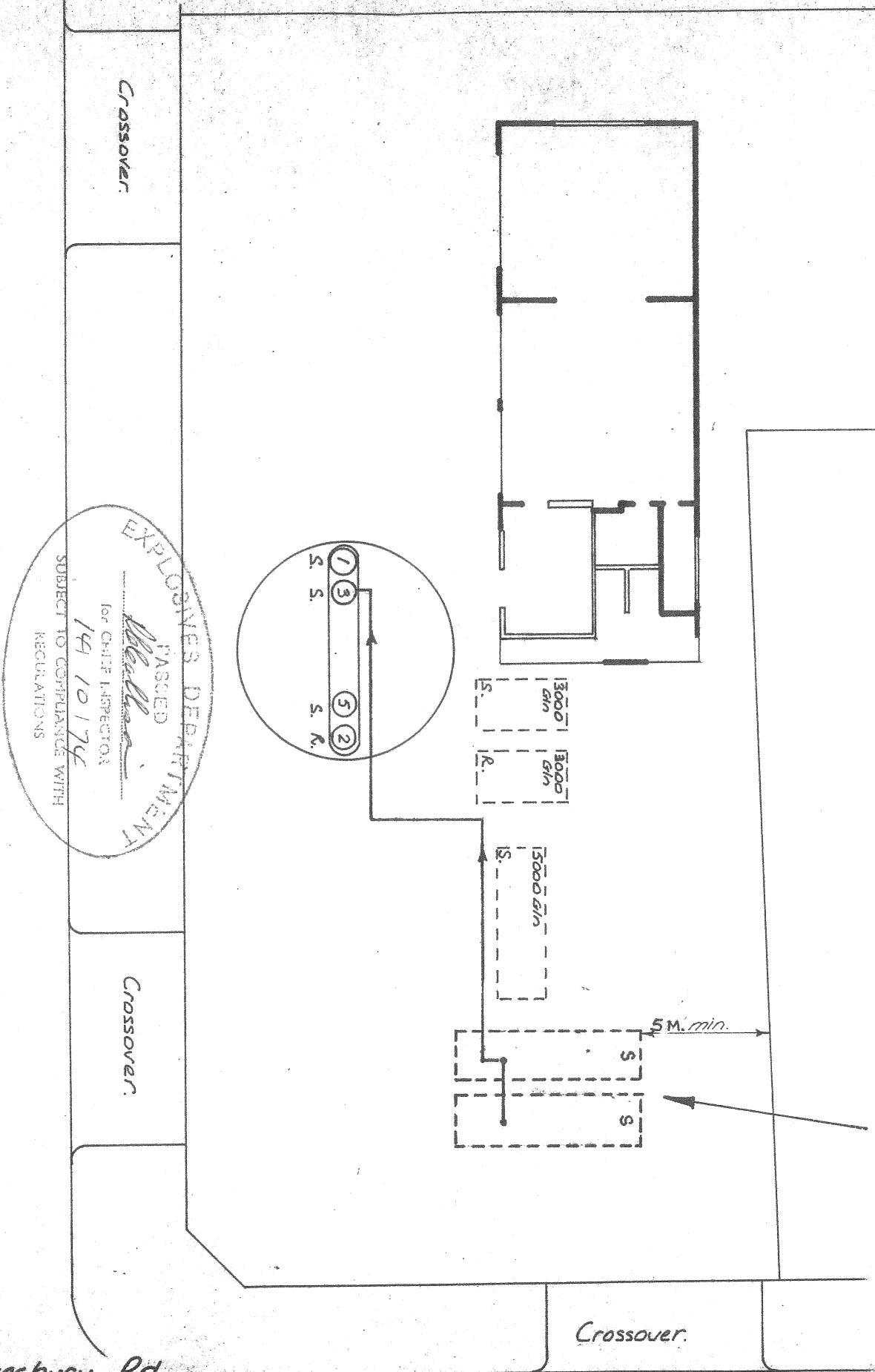
NO PROTECTED WORKS WITHIN
..... 5. METRES FEET

1 = 1A
2 = 2A
3 = 2B
4 = 2C
5 = 2D
6 = 2E

NOTE: EXISTING 3000 & 5000 CL SUPER TANKS
ARE CONNECTED BY SIPHON WHICH IS
PRIMED WITH SMALL COPPER LINE TO
ONE PUMP.

2*6000 CL. NEW TANKS WILL BE CONNECTED
BY SIPHON WHICH WILL BE PRIMED BY
DIRECT CONNECTION TO 2" Suction LINE
TO PUMP No 3.

2 x 6000 gln tanks
to be installed.



Pittwater Rd.

Hawesbury Rd

14388.

Schematic layout of M.S.S.			DRAWN		D.R.J.		5-3-74		MOBIL OIL AUSTRALIA LIMITED	
DEE WHY showing position of			TRACED						SYDNEY ENGINEERING SECTION	
2x6000 gln tanks to be installed			CHECKED						C - 010374	
under the:			APPROVED						SCALE	
Tankage Expansion Programme									ISSUE No.	

