**Site Sketch**

Please carefully read the instructions in Part B of the guide before sketching the site.

35/012865

NOTE:

* NO WATER HYDRANTS.

PART B

**PART C**

**CHEMICAL STORAGE**
35/012865

*Complete 1 section per depot*

**If you have more depots than the space provided, photocopy sufficient sheets first.**

| Depot number | Type of depot | Class | Licensed maximum storage capacity |
|---|---|---|---|
| 5 | UNDERGROUND TANK | 3 | 15 000 LITRES. ✓ |

| UN number | Shipping name | Pkg. Class | Pkg. Group | EPG | Product or common name | Typical quantity | Unit eg. L, kg, m³ |
|---|---|---|---|---|---|---|---|
| 1203 | MOTOR SPIRIT | 3 | II | YES | UNLEADED PETROL | 14 700 | L |
| | | | | | | | |

| Depot number | Type of depot | Class | Licensed maximum storage capacity |
|---|---|---|---|
| 6 | UNDERGROUND TANK. | 3 | 15 000 LITRES. ✓ |

| UN number | Shipping name | Pkg. Class | Pkg. Group | EPG | Product or common name | Typical quantity | Unit eg. L, kg, m³ |
|---|---|---|---|---|---|---|---|
| 1203 | MOTOR SPIRIT | 3 | II | YES | UNLEADED PETROL | 14 000 | L |
| | | | | | | | |

| Depot number | Type of depot | Class | Licensed maximum storage capacity |
|---|---|---|---|
| 1 | EXPLOSIVE MAGAZINE | 1.1 | 4000 kg. ✓ |

| UN number | Shipping name | Pkg. Class | Pkg. Group | EPG | Product or common name | Typical quantity | Unit eg. L, kg, m³ |
|---|---|---|---|---|---|---|---|
| 0082 | EXPLOSIVES BLASTING TYPE E | 1.1D | N/A | N/A | ANFO | 2000 | kg. |
| | | | | | | | |

| Depot number | Type of depot | Class | Licensed maximum storage capacity |
|---|---|---|---|
| 4 | EXPLOSIVES MAGAZINE | 1.1 | 2000 kg. ✓ |

| UN number | Shipping name | Pkg. Class | Pkg. Group | EPG | Product or common name | Typical quantity | Unit eg. L, kg, m³ |
|---|---|---|---|---|---|---|---|
| 0042 | BOOSTERS WITHOUT DETONATORS | 1.1D | N/A | N/A | PRIMERS | 200 UNITS. | |
| 0241 | EXPLOSIVE BLASTING TYPE E | 1.1D | N/A | N/A | POWERGEL MAGNUM | 1 500 | kg. |

*Complete 1 section per depot*

**If you have more depots than the space provided, photocopy sufficient sheets first.**

| Depot number | Type of depot | Class | Licensed maximum storage capacity |
|---|---|---|---|
| 3 | EXPLOSIVES MAGAZINE | 1.1 | 2000 kg. |

| UN number | Shipping name | Pkg. Class | Pkg. Group | EPG | Product or common name | Typical quantity | Unit eg. L, kg, m³ |
|---|---|---|---|---|---|---|---|
| 0360 | DETONATOR ASSEMBLIES, NON-ELECTRIC | 1.1B | N/A | N/A | PRIMADETS TRUNK-LINE DELAYS | 200 UNITS | |
| 0360 | " | 1.1B | N/A | N/A | PRIMADETS | 200 UNITS | |
| 0105 | FUSE - SAFETY | 1.4S | N/A | N/A | SAFETY FUSE | 3 ROLLS. | |
| 0029 | DETONATORS NON-ELECTRIC | 1.1B | N/A | N/A | N°8. DETONATORS | 300 UNITS | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

| Depot number | Type of depot | Class | Licensed maximum storage capacity |
|---|---|---|---|
| 2 | EXPLOSIVES MAGAZINE | 1.1 | 1100 kg. ✓ |

| UN number | Shipping name | Pkg. Class | Pkg. Group | EPG | Product or common name | Typical quantity | Unit eg. L, kg, m³ |
|---|---|---|---|---|---|---|---|
| 0360 | DETONATOR ASSEMBLIES NON-ELECTRIC | 1.1B | N/A | N/A | PRIMADETS TRUNK LINE DELAYS | 200 UNITS | |
| 0360 | " " | 1.1B | N/A | N/A | PRIMADETS | 200 UNITS | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Form DGI

C/R

# WORKCOVER AUTHORITY
## DANGEROUS GOODS ACT, 1975

LICENCE No. 35 012865

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

DANGEROUS GOODS BRANCH 23 SEP 1991

Jan.

(* Delete whichever is not required)

| | |
|---|---|
| Name of Applicant in full (see Item 1 - Explanatory notes - page 4) | PIONEER CONCRETE NSW P/L |
| Trading name or occupier's name (if any) | As above |
| Postal Address | P.O. BOX V42 MT DRUITT Postcode 2770 |
| Address of the premises to be licensed. (Including Street No.) | Cnr Wallgrove Rd & Gt Western Hwy WATTLEGROVE Postcode 2164 |
| Nature of premises (See Item 2 - Explanatory notes - page 4) | QUARRY |
| Telephone number of applicant | STD Code 02 Number 6250788 |

Particulars of type of depots and maximum quantities of dangerous goods to be kept at any one time.

| Depot number | Type of depot (See item 3 - Explanatory notes - page 4) | Storage capacity | Dangerous goods: Product being stored | C & C Office use only |
|---|---|---|---|---|
| | | | Todd | 006 |
| 1 | Underground Tank | 15 000 L | SUPER | 2 020 15X3 |
| 2 | " " | 15 000 L | UN LEADED FUEL | 2 020 15X3 |
| 3 | | | | |
| 4 | | | | |
| 5 | | | | |
| 6 | | | | |
| 7 | | | | |
| 8 | | | | |
| 9 | | | | |
| 10 | | | | |
| 11 | | | | |
| 12 | | | | |

Data Entered 04 Nov 91

Has site plan been approved by the Dangerous Goods Branch? (Yes) No — If yes, no plans required. If no, please attach site plan, or provide sketch plan overleaf. which has been checked by an accredited consultant

Have premises previously been licensed? (Yes) No — If, yes, state name of previous occupier, and licence No. (if known)

Name of oil company supplying flammable liquid (if applicable). AMPOL

Signature of applicant ..... Date 16-9-91

For external explosives magazine(s), please fill in page 3.

FOR OFFICE USE ONLY

## CERTIFICATE OF INSPECTION

I, being an Inspector under the Dangerous Goods Act, 1975, do hereby certify that the premises described above do comply with the requirements of the Dangerous Goods Act, 1975, and the Dangerous Goods Regulation with regard to their situation and construction for the keeping of dangerous goods of the nature and in the quantity specified.

Signature ..... Date .....

Form DGI

# WORKCOVER AUTHORITY
## DANGEROUS GOODS ACT, 1975

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

LICENCE No. 35-012865

DANGEROUS GOODS BRANCH 27 JUN 1991

Expired 15/1/90

JAN EXPIRY

(* Delete whichever is not required)

| | |
|---|---|
| Name of Applicant in full (see Item 1 - Explanatory notes - page 4) | Pioneer Concrete (NSW) Pty Ltd |
| Trading name or occupier's name (if any) | Pioneer Concrete (NSW) Pty Ltd |
| Postal Address | PF P.O. Box 742 Mt Druitt Postcode 2770 |
| Address of the premises to be licensed. (Including Street No.) | Cnr Wallgrove Rd & Gt Western Hwy WALLGROVE Postcode 2164 |
| Nature of premises (See Item 2 - Explanatory notes - page 4) | Quarry |
| Telephone number of applicant | STD Code 02 Number 6250788 |

Particulars of type of depots and maximum quantities of dangerous goods to be kept at any one time.

| Depot number | Type of depot (See item 3 - Explanatory notes - page 4) | Storage capacity | Dangerous goods: Product being stored | C & C Office use only |
|---|---|---|---|---|
| | | | DD | 004 400 |
| 1 | Explosives | 4000 | Class 1.1 Explo. | 3 400 4x3 |
| 2 | Explosives | 1000 | " " " | 3 400 1x3 |
| 3 | Explosives | 2,000 | " " " | 3 400 2x3 |
| 4 | Explosives | 2,000 | " " " | 3 400 2x3 |
| 5 | Flammable Liq | 20,000 | Distillate | Exempt |
| 6 | Flammable Liq | 20,000 | Distillate | Exempt |
| 7 | | | see letter enclosed) | |
| 8 | | | | |
| 9 | | | | |
| 10 | | | | |
| 11 | | | D/E 15 AUG 1991 | |
| 12 | | | | |

Has site plan been approved by the Dangerous Goods Branch? Yes ~~No~~ If yes, no plans required. If no, please attach site plan, or provide sketch plan overleaf. which has been checked by an accredited consultant

Have premises previously been licensed? Yes ~~No~~ If, yes, state name of previous occupier, and licence No. (if known) Pioneer Concrete 35-012865

Name of oil company supplying flammable liquid (if applicable). AMPOL Craig HEGHISSA

Signature of applicant X ..... Date 25-6-91

For external explosives magazine(s), please fill in page 3.

FOR OFFICE USE ONLY

## CERTIFICATE OF INSPECTION

I, being an Inspector under the Dangerous Goods Act, 1975, do hereby certify that the premises described above do comply with the requirements of the Dangerous Goods Act, 1975, and the Dangerous Goods Regulation with regard to their situation and construction for the keeping of dangerous goods of the nature and in the quantity specified.

Signature of Inspector ..... Date .....

Sent new DG 1 to include fuel depots not listed

## SKETCH PLAN OF SITE

Show positions of Depot(s) with:-

(1) distances from public places and protected works;

(2) street names;

(3) nature and details of adjacent properties.

1cm = 100 metres

1 - ANFO magazine
2 - Detonators magazine
3. Powergel magazine
4. Magazine

Bounded area is Quarry lease/s area.

NAME OF DANGEROUS GOODS

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

(*delete whichever is not required)

880 — 2

5413 3/04/81 U3A

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

| | |
|---|---|
| Name of Applicant in full (see over) | PIONEER CONCRETE (NSW) PTY LTD. |
| Trading name or occupier's name (if any) | SITE: WALLGROVE QUARRY. AS ABOVE. HEAD OFFICE 63 GROVE STR. ST PETERS. |
| Postal address | WALLGROVE QUARRY. P.O. BOX 25 EASTERN CREEK Postcode 2766 |
| Address of the premises including street number (if any) | WALLGROVE ROAD ROOTY HILL. Postcode |
| Nature of premises (see over) | ABOVE GROUND QUARRY. |
| Telephone number of applicant | STD Code 02 Number 6259784. |

Particulars of type of depots and maximum quantities of dangerous goods to be kept at any one time.

| Depot number | Type of depot (see over) | Storage capacity | Dangerous goods: Product being stored | C & C Office use only |
|---|---|---|---|---|
| 1 | MAGAZINE. | 4000 kg. | MIXED Ammonium Nitrate & Distillate. | DD008 420 0 3 400 43 |
| 2 | ✓ | 1100 kg | Nitro compounds | 3 400 13 |
| 3 | ✓ | 2000 kg | Gunpowder | 3 400 23 |
| 4 | ✓ | 2 000 kg | Blasting explosives | 3 400 23 |
| 5 | ✓ | 2 000 kg | ✓ | 3 400 23 |
| 6 | ✓ | 2 000 kg | ✓ | 3400 23 |
| 7 | underground tank | 15,000 l | Petrol | 2 020 24 |
| 8 | ✓ | 15,000 l | ✓ | 2 020 24 |
| 9 | | | | |
| 10 | | | | |
| 11 | | | | |
| 12 | | | | |

Has site plan been approved? ~~Yes~~ No — If yes, no plans required. If no, please attach site plan. ATTACHED.

Have premises previously been licensed? (Yes) No — If yes, state name of previous occupier. AS ABOVE.

Name of company supplying flammable liquid (if any) ICI - IMPERIAL CHEMICAL INDUSTRIES.

Signature of applicant ..... Date 20-2-81

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

RANGI CAMPBELL - PLANT MANAGER. WALLGROVE QUARRY.

FOR OFFICE USE ONLY

**CERTIFICATE OF INSPECTION**

I, RAYMOND CHARLES MCGRATH being an Inspector under the Dangerous Goods Act, 1975, do hereby certify that the premises described above do comply with the requirements of the Dangerous Goods Act, 1975, and the Dangerous Goods Regulation with regard to their situation and construction for the keeping of dangerous goods of the nature and in the quantity specified.

Signature of Inspector ..... Date 19. 5. 81

e No. 35012865.9

premises described below.

(*delete whichever is not required)

amalgamated with 20104.

FEE: $10.00 per Depot

5607 17/04/79 03A

| | |
|---|---|
| Name of Applicant in full (see over) | Surname Pioneer Concrete (N.S.W.) Pty Ltd Given Names |
| Trading name or occupier's name (if any) | |
| Postal address | 63 Grove St. St Peters Postcode 2044 |
| Telephone number of applicant | STD Code Number |
| Address of the premises in or on which the depot or depots are situated (including street number, if any) | Pioneer Quarry cnr Wallgrove Rd & Western H/way Wallgrove Postcode 2164 |
| Nature of premises (see over) | |

PLEASE ATTACH SITE PLAN

Particulars of type of depots and maximum quantities of dangerous goods to be kept at any one time.

| Depot number | Type of depot (see over) | Storage capacity | Dangerous goods | |
|---|---|---|---|---|
| | | | Product being stored | C & C Office use only |
| 1 | underground tank | 15000 litres | m/s | 2.020.24 |
| 2 | underground tank | 15000 litres | m/s | 2.020 24 |
| 3 | explosives magazine | 1,100 kg | nitrocompounds | 3.400.13 |
| 4 | explosives magazine | 2000 kg | gunpowder etc | 3.400 23 |
| 5 | explosives magazine | 2.000 kg | blasting explosives | 3.400.23 |
| 6 | explosives magazine | 2.000 kg | " | 3.400.23 |
| 7 | ✓ ✓ | ✓ | ✓ | 3 400.23 |
| 8 | | | | |
| 9 | | | | |
| 10 | | | | |
| 11 | | | | |
| 12 | | | | |

Name of company supplying flammable liquid (if any)

Have premises previously been licensed? Yes.

If known, state name of previous occupier as above Licence No.

Signature of applicant see previous papers Date

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

FOR OFFICE USE ONLY

P79/341 24 APR 1979 PARRAMATTA

**CERTIFICATE OF INSPECTION**

I, RAYMOND CHERRY of being an Inspector under the Dangerous Goods Act, 1975, do hereby certify that the premises described above do comply with the requirements of the Dangerous Goods Act, 1975, and the Dangerous Goods Regulation with regard to their situation and construction for the keeping of dangerous goods of the nature and in the quantity specified.

Signature of Inspector

Date 21.5.79

Name of Occupier: Pioneer Concrete (NSW) Pty Limited
(Surname) (First Names)

Trading Name (if any)

Postal Address: 63 Grove Street, ST.PETERS Postcode 2044

Address of the premises in which the depot or depots are situated: cnr Wallgrove Road & Western Highway, WALLGROVE 2164
Postcode

Occupation: quarrying

Nature of Premises: quarry

Particulars of construction of depots and maximum quantities of inflammable liquid and/or dangerous goods to be kept at any one time.

PLEASE SKETCH SITE ON BACK OR ATTACH PLAN

| Depot No. | Construction of depots * | | | Inflammable Liquid | | Dangerous Goods | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Walls | Roof | Floor | Mineral spirit litres | Mineral oil litres | Class 1 litres | Class 2 litres | Class 3 kg | Class 4 $m^3$ | Class 5A# litres | Class 5B# litres | Class 9 litres |
| 1 | underground tank | | | 15000 | | | | | | | | |
| 2 | underground tank | | | 15000 | | | | | | | | |
| 3 | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | |
| TOTAL | | | | | | | | | | | | |

* If kept in tanks describe depots as underground or aboveground tanks.

\# Insert water capacity of tanks or cylinders.

PUBLIC REVENUE A/c.
Chq $ 25.00
24/12/75
(Date)
Receipt No. 1749

Name of Company supplying inflammable liquid

Have premises previously been licensed? Yes 12865-1

If known, state name of previous occupier Pioneer Quarries (Sydney) Pty Ltd

Signature of applicant X Jan G Fraser Date 23-1-76.

Insp.
Metrop.

CERTIFICATE OF INSPECTION

I, S. McCharles Jones being an Inspector under th Inflammable Liquid Act, 1915, do hereby certify that the premises or store described above does comply with th requirements of that Act and regulations with regard to its situation and construction for the keeping of inflammabl liquid and/or dangerous goods in quantity and nature specified.

Signature of Inspector S Jones

Date 23.1.76

## DIRECTIONS

1. Applications must be forwarded to the Chief Inspector of Inflammable Liquid, Explosives Department, Box R.216, Royal Exchange Sydney, N.S.W. 2000 and must be accompanied by the prescribed fee, as set out hereunder:

Registration of Premises (Fee $3.00 p.a.) – For quantities not exceeding 300 gallons of mineral oil and 100 gallons of mineral spirit, if kept together; or 800 gallons of mineral oil and 100 gallons of mineral spirit, if kept separate depots; or 500 gallons of mineral spirit, if kept in an underground tank depot; or 800 gallons of mineral oil and 500 gallons of mineral spirit, if mineral spirit is kept in an underground tank depot.

In addition to, or in lieu of the above, similar quantities of Dangerous Goods of Classes 1 and 2 may be kept under the like conditions; reading Dangerous Goods of Class 1 for the words Mineral Spirit and Dangerous Goods of Class 2 for the words Mineral Oil.

Store License, Div. A (Fee, $6.50 p.a.) – For quantities in excess of those stated above, but not exceeding 4,000 gallons mineral oil and/or mineral spirit, and/or Dangerous Goods of Classes 1, 2 and 9.

Store License, Div. B (Fee, See Regulation 7) – For quantities exceeding 4,000 gallons of mineral spirit, and/or dangerous goods of Classes 1 and 2, and/or dangerous goods of Class 3.

For the keeping of Dangerous Goods of Classes 3 and/or 4. ($15.00 p.a.).

Fees for the keeping of inflammable liquid and dangerous goods in excess of the above stated quantities and also for Liquid Petroleum Gas storage are set out in Regulation 7.

1. Name of occupier including full christian names. — PIONEER QUARRIES (SYDNEY) PTY LTD.

2. Trading Name (if any)

3. Locality of the premises in which the depot or depots are situated — No. or Name: corner of; Street: Wallgrove Rd & Western Highway; Town: WALLGROVE.

4. Postal address: 63 Grove St, ST. PETERS. Postcode: 2044

5. Occupation: quarrying

6. Nature of premises (dwelling, garage etc.): quarry.

16/1

7. Particulars of construction of depots and maximum quantities of inflammable liquid and/or Dangerous Goods to be kept at any one time.

**PLEASE ATTACH PLAN OF PREMISES**

| Depot No. | Construction of depots* | | | Inflammable liquid | | Dangerous goods | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Walls | Roof | Floor | Mineral spirit gallons | Mineral oil gallons | Class 1 gallons | Class 2 gallons | Class 3 lb | Class 4 cu ft | Class 5A water gal | Class 9 gallons |
| 1 | UNDERGROUND | | TANK | 3000 | | | | | | | |
| 2 | ✓ | | ✓ | 3000 | | | | | | | |
| 3 | | | | | | | | | | | |
| 4 | | | | | | | | | | | |
| 5 | | | | | | | | | | | |
| 6 | | | | | | | | | | | |
| 7 | | | | | | | | | | | |
| 8 | | | | | | | | | | | |
| 9 | | | | | | | | | | | |
| 10 | | | | | | | | | | | |

PUBLIC REVENUE A/c.
CHQ. $ 15·00
17/12/70
(Date) Receipt No. 1816

* If product is kept in tanks describe depots as underground or aboveground tanks.

Signature of applicant: [signature]

Date of application _____, 19___

## CERTIFICATE OF INSPECTION

I, Norman Arthur Conway being an Inspector under the Inflammable Liquid Act, 1915 (as amended), do hereby certify that the premises or store herein referred to and described is suitable with regard to its situation and construction for the safe keeping of inflammable liquid and/or dangerous goods in quantity and nature specified.

Place: Sydney. Signature of Inspector: N. Conway

Inflammable Liquid-

EXPLANATORY

B.P.

Mineral Oil - includes kerosene, mineral turpentine and white spirit (for cleaning), and compositions containing same.
Mineral Spirit - includes petrol, benzene, benzolene, benzol and naphtha, and compositions containing same.

Dangerous Goods -

Class 1 - acetal, acetaldehyde, acetone, acrolein, amyl mercaptan, butyl acetate, butyl mercaptan, butyl propionate, crotonaldehyde, dichloro-ethylene, diethylketone, dioxane, diethylamine, dimethyl hydrozine, dipropylamine, divinyl ether, dipropyl ether, ethyl acetate, ethyl acrylate, ethyl chloride, ethyl ether, dichloroethane (ethylene dichloride), ethyl mercaptan, ethyl methacrylate, ethyl methyl ether, ethyl propyl ether, ethyl propionate, methyl propyl ketone, methyl acetate, methyl acrylate, methylal, methyl ethyl ether, methyl ethyl ketone, methyl methacrylate, methyl vinyl ketone, methyl vinyl acetate, piperidine, propanal, propyl acetate, propylamine, propylene oxide, pyridine, tetrahydrofuran, thiophene, triethylamine, valeraldehyde, vinyl acetate, vinyl allyl ether, vinyl butyl ether, vinyl butyrate, vinyl cyanide (acrylonitrile), vinylidene chloride, vinyl ethyl ether, vinyl propyl ether, vinyl propionate, any combination of substances of an inflammable character suitable for use as an industrial solvent and having a true flashing point of less than 73 degrees Fahrenheit, manufactured products, containing organic solvents, having a true flashing point of less than 73 degrees Fahrenheit.

Class 2 - acetic acid, acetyl acetone, acetic anhydride, allyl alcohol, amyl acetate, amyl alcohol, butyl alcohol, butyl methacrylate, chlorobenzene, cyclohexanone, dibutyl ether, dibutyl ketone, dipentene, epichlorohydrin, ethanol (ethyl alcohol), ethyl benzene, ethylene diamine, furfural, mesityl oxide, methyl alcohol, methyl amyl ketone, methyl butyl ketone, pine oil (having a flashing point below 150°F), propyl benzene, propanol, vegetable turpentine, vinyl benzene (styrene monomer), any liquid containing more than 50 per centum ethyl alcohol, manufactured products, containing organic solvents, having a true flashing point of 73 degrees Fahrenheit and above but not exceeding 150 degrees Fahrenheit.

Class 3 - nitro-cellulose moistened with an alcohol, nitro-cellulose product.

amend A12865 to Div B. to expire 30/12/69.

Class 4 - compressed or dissolved acetylene contained in a porous substance.

Class 5 (A) - liquefied inflammable gases (liquefied petroleum gas, vinyl chloride, ethylene chloride, ethylene oxide, butadine, methylamine, dimethylamine and trimethylamine).

Class 9 - Carbon disulphide, ethyl nitrite.

FEE $8-50. (amendment)

DIRECTIONS

Applications must be forwarded to the Chief Inspector of Inflammable Liquid, Explosives Department, Department of Mines, Sydney, and must be accompanied by the prescribed fee, as set out in Regulation 7.

1. Name in full of occupier: RAY FITZPATRICK QUARRIES PTY LTD
2. Occupation: Quarrymasters.
3. Locality of the premises in which the depot or depots are situated: No. or Name off C. Western H'way; Street 9 off Wallgrove Rd.; Town Wallgrove.
4. Nature of premises (Dwelling, Garage, Store, etc.): Quarry; Postcode ~~2164~~ (2044)

5. Particulars of construction of depots and maximum quantities of inflammable liquid and/or Dangerous Goods to be kept at any one time

PLEASE ATTACH PLAN OF PREMISES.

| Depot No. | Construction of depots* | | | Inflammable liquid | | Dangerous goods | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Walls | Roof | Floor | Mineral Spirit gallons | Mineral Oil gallons | Class 1 gallons | Class 2 gallons | Class 3 lb | Class 4 cu ft | Class 5 A water gallons | Class 9 gallons |
| Underground Tank | | | | 3000 | | | | | | | |
| 2 | — | — | — | 3000 | | | | | | | |
| 3 | | | | | | | | | | | |
| 4 | | | | | | | | | | | |
| 5 | | | | | | | | | | | |
| 6 | | | | | | | | | | | |
| 7 | | | | | | | | | | | |
| 8 | | | | | | | | | | | |
| 9 | | | | | | | | | | | |
| 10 | | | | | | | | | | | |

PUBLIC REVENUE A/c.
Chg $ 8.50
6/2/69
(Date)
Receipt No.

* If product is kept in tanks describe depots as underground or aboveground tanks.

Signature of Applicant Ray Fitzpatrick Quarries P/L per X Andrew Hyde
Postal Address 63 GROVE ST ST PETERS.

Date of Application _____ ,19 .

Mineral Oil—includes kerosene, mineral turpentine and white spirit (for cleaning), and compositions containing same.
Mineral Spirit—includes petrol, benzene, benzolene, benzol and naphtha, and compositions containing same.

**Dangerous Goods—**

*Class* 1.—Acetone, amyl acetate, butyl acetate, carbon bisulphide; any combination of substances of an inflammable character suitable for use as an industrial solvent and having a true flashing point of less than 73 degrees Fahrenheit.

*Class* 2.—Nitro-cellulose (also known as "pyroxylin" and "collodion cotton") moistened with an alcohol Butyl alcohol (also known as "butanol"), methylated spirits, vegetable turpentine; and any liquid or solid containing methylated spirits, having a true flashing point of less than 150 degrees Fahrenheit.

*Class* 3.—Nitro-cellulose product.

*Class* 4.—Compressed or dissolved acetylene contained in a porous substance.

EXPLOSIVES DEPARTMENT
4 FEB 1959
NO.

## DIRECTIONS

1. Applications must be forwarded to the Chief Inspector of Inflammable Liquid, Explosives Department, No. 4 Albert Street, off Phillip Street, Circular Quay, Sydney (Box 48, G.P.O.), and must be accompanied by the prescribed fee, as set out hereunder:—

**Registration of Premises (Fee £1 10s. 0d. p.a.).**—For quantities not exceeding 300 gallons of mineral oil and 100 gallons of mineral spirit, if kept together; or 800 gallons of mineral oil and 100 gallons of mineral spirit, if kept in separate depots; or 500 gallons of mineral spirit, if kept in an underground tank depot; or 800 gallons of mineral oil and 500 gallons of mineral spirit, if mineral spirit is kept in an underground tank depot.

In addition to, or in lieu of the above, similar quantities of Dangerous Goods of Classes 1 and 2 may be kept under the like conditions; reading Dangerous Goods of Class 1 for the words Mineral Spirit and Dangerous Goods of Class 2 for the words Mineral Oil.

**Store License, Div. A (Fee, £3 5s. 0d. p.a.).**—For quantities in excess of those stated above, but not exceeding 4,000 gallons mineral oil and/or mineral spirit, and/or Dangerous Goods of Classes 1 and 2.

**Store License, Div. B (Fees, See Regulation 7).**—For quantities exceeding 4,000 gallons of mineral oil and/or mineral spirit, and/or dangerous goods of Classes 1 and 2, and/or dangerous goods of Class 3.
For the keeping of Dangerous Goods of Classes 3 and/or 4. **(£7 10s. 0d. p.a.).**

2. The certificate of inspection at foot hereof must be signed by an Inspector under the Inflammable Liquid Act, 1915–1953, or Police Officer, or other officer duly authorised in that behalf, and where the premises are situated outside the Metropolitan Area of Sydney, it is requested that such certificate be obtained prior to forwarding application.

1. Name in full of occupier ... ... ... ... ... ... ... RAY FITZPATRICK ~~[illegible]~~ QUARRIES PTY. LTD.

2. Occupation ... ... ... ... ... ... ... ... ... METAL QUARRY

3. Locality of the premises in which the depot or depots are situated — No. or Name: situated behind Wallgrove; Street: Military Camp Wallgrove; Town: Wallgrove

4. Nature of premises (Dwelling, Garage, Store, etc.) ... ... ... Underground Tank.

5. Will mineral spirit be kept in a prescribed underground tank depot? YES.

6. Particulars of construction of depots and maximum quantities of inflammable liquid and/or Dangerous Goods to be kept at any one time.

| Depot No. | Construction of Depots. | | | Inflammable Liquid. | | Dangerous Goods. | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Walls. | Roof. | Floor. | Mineral Spirit. Gallons. | Mineral Oil. Gallons. | Class 1. Gallons. | Class 2. Gallons. | Class 3. lb. | Class 4. cub. ft. |
| 1 | Underground Tank | | | 2000 | | | | | |
| 2 | | | | | | | | | |
| 3 | | | | | | | | | |
| 4 | | | | | | | | | |
| 5 | | | | | | | | | |
| 6 | | | | | | | | | |
| 7 | | | | | | | | | |
| 8 | | | | | | | | | |
| 9 | | | | | | | | | |
| 10 | | | | | | | | | |

RAY FITZPATRICK QUARRIES PTY. LTD.

Signature of Applicant [signature] Secretary

Date of Application 31 - 1 - 1959

Postal Address 14 Meredith St Bankstown

## CERTIFICATE OF INSPECTION.

I, ..... being an Inspector under the Inflammable Liquid Act, 1915–53, do hereby certify that the premises or store herein referred to and described is suitable with regard to its situation and construction for the safe keeping of inflammable liquid and/or dangerous goods in quantity and nature specified.

Place.....

Signature of Inspector.....

Date.....

[PLEASE TURN OVER

M1 1862 A. H. PETTIFER, GOVERNMENT PRINTER.

## EXPLANATORY

**Inflammable Liquid—**

Mineral Oil—includes kerosene, mineral turpentine and white spirit (for cleaning), and compositions containing same.
Mineral Spirit—includes petrol, benzene, benzolene, benzol and naphtha, and compositions containing same.

**Dangerous Goods—**

*Class* 1.—Acetone, amyl acetate, butyl acetate, carbon bisulphide; any combination of substances of an inflammable character suitable for use as an industrial solvent and having a true flashing point of less than 73 degrees Fahrenheit.

*Class* 2.—Nitro-cellulose (also known as "pyroxylin" and "collodion cotton") moistened with an alcohol, butyl alcohol (also known as "butanol"), methylated spirits, vegetable turpentine; and any liquid or solid containing methylated spirits, having a true flashing point of less than 150 degrees Fahrenheit.

*Class* 3.—Nitro-cellulose product.

*Class* 4.—Compressed or dissolved acetylene contained in a porous substance.

EXPLOSIVES DEPARTMENT
6 FEB 1957
NO.

## DIRECTIONS

1. Applications must be forwarded to the Chief Inspector of Inflammable Liquid, Explosives Department, No. 4 Albert Street, off Phillip Street, Circular Quay, Sydney (Box 48, G.P.O.), and must be accompanied by the prescribed fee, as set out hereunder:—

**Registration of Premises (Fee £1 10s. 0d. p.a.).**—For quantities not exceeding 300 gallons of mineral oil and 100 gallons of mineral spirit, if kept together; or 800 gallons of mineral oil and 100 gallons of mineral spirit, if kept in separate depots; or 500 gallons of mineral spirit, if kept in an underground tank depot; or 800 gallons of mineral oil and 500 gallons of mineral spirit, if mineral spirit is kept in an underground tank depot.

In addition to, or in lieu of the above, similar quantities of Dangerous Goods of Classes 1 and 2 may be kept under the like conditions; reading Dangerous Goods of Class 1 for the words Mineral Spirit and Dangerous Goods of Class 2 for the words Mineral Oil.

**Store License, Div. A (Fee, £3 5s. 0d. p.a.).**—For quantities in excess of those stated above, but not exceeding 4,000 gallons mineral oil and/or mineral spirit, and/or Dangerous Goods of Classes 1 and 2.

**Store License, Div. B (Fees, See Regulation 7).**—For quantities exceeding 4,000 gallons of mineral oil and/or mineral spirit, and/or dangerous goods of Classes 1 and 2, and/or dangerous goods of Class 3.
For the keeping of Dangerous Goods of Classes 3 and/or 4. **(£7 10s. 0d. p.a.).**

2. The certificate of inspection at foot hereof must be signed by an Inspector under the Inflammable Liquid Act, 1915–1953, or Police Officer, or other officer duly authorised in that behalf, and where the premises are situated outside the Metropolitan Area of Sydney, it is requested that such certificate be obtained prior to forwarding application.

1. Name in full of occupier ... ... ... ... ... ... ... WALLGROVE BLUE METAL QUARRY PTY LTD

2. Occupation ... ... ... ... ... ... ... ... ... QUARRYING

3. Locality of the premises in which the depot or depots are situated — No. or Name ... Street ... Town Wallgrove.

4. Nature of premises (Dwelling, Garage, Store, etc.) ... ... ... Quarry.

5. Will mineral spirit be kept in a prescribed underground tank depot? Yes.

6. Particulars of construction of depots and maximum quantities of inflammable liquid and/or Dangerous Goods to be kept at any one time.

| Depot No. | Construction of Depots. | | | Inflammable Liquid. | | Dangerous Goods. | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Walls. | Roof. | Floor. | Mineral Spirit. Gallons. | Mineral Oil. Gallons. | Class 1. Gallons. | Class 2. Gallons. | Class 3. lb. | Class 4. cub. ft. |
| 1 | Underground tank | | | 2,000 | | | | | |
| 2 | | | | | | | | | |
| 3 | | | | | | | | | |
| 4 | | | | | | | | | |
| 5 | | | | | | | | | |
| 6 | | | | | | | | | |
| 7 | | | | | | | | | |
| 8 | Date on which the tank was first filled: | | | | | | | | |
| 9 | | | | | | | | | |
| 10 | | | | | | | | | |

Chq. £3-5-0
Public Revenue Account
(Date) 7-2-57
Receipt No 11951

WALLGROVE BLUE METAL QUARRY PTY. LTD.

Signature of Applicant ... Secretary

Date of Application 4/2/ 1957

Postal Address 14 Meredith St Bankstown

## CERTIFICATE OF INSPECTION.

I, ..... being an Inspector under the Inflammable Liquid Act, 1915–53, do hereby certify that the premises or store herein referred to and described is suitable with regard to its situation and construction for the safe keeping of inflammable liquid and/or dangerous goods in quantity and nature specified.

Place ..... Signature of Inspector .....

Date .....

[PLEASE TURN OVER

Make Rough Sketches showing—

Ground plans of premises showing position of depot or depots and adjacent buildings, also distances separating depots and buildings.

Sketch of depot or depots showing provision made for ventilation, also inside dimensions (length, width, and depth) of the pit or lower portion, designed to prevent outflow.

This sketch is not required for underground tanks.

TABLES SHOWING DISTANCES WHICH UNDER LICENSE MUST SEPARATE PROTECTED WORKS FROM DEPOTS.

**Table I.**—Where Mineral Spirit and/or Dangerous Goods of Class 1 (with or without Mineral Oil and/or Dangerous Goods of Class 2) are kept or to be kept :—

| In an underground Tank Depot, in quantity exceeding 500 gallons, but not exceeding— | In an aboveground Tank Depot or other Depot, separated from protected works by a screen wall, in quantity exceeding 100 gallons, but not exceeding— | In an aboveground Tank Depot or other Depot not separated from protected works by a screen wall, in quantity exceeding 100 gallons, but not exceeding— | Distance not less than— |
|---|---|---|---|
| Gallons. | Gallons. | Gallons. | Feet. |
| 2,000 | 1,000 | 250 | 10 |
| 2,400 | 1,200 | 300 | 11 |
| 2,800 | 1,400 | 350 | 12 |
| 3,200 | 1,600 | 400 | 13 |
| 3,600 | 1,800 | 450 | 14 |
| 4,000 | 2,000 | 500 | 15 |
| 7,200 | 3,600 | 900 | 16 |
| 10,400 | 5,200 | 1,300 | 17 |
| 13,600 | 6,800 | 1,700 | 18 |
| 16,800 | 8,400 | 2,100 | 19 |
| 20,000 | 10,000 | 2,500 | 20 |
| 22,000 | 11,000 | 2,750 | 21 |
| 24,000 | 12,000 | 3,000 | 22 |
| 26,000 | 13,000 | 3,250 | 23 |
| 28,000 | 14,000 | 3,500 | 24 |
| 30,000 | 15,000 | 3,750 | 25 |
| 32,000 | 16,000 | 4,000 | 26 |
| 40,000 | 20,000 | 5,000 | 30 |
| 80,000 | 40,000 | 10,000 | 40 |
| 100,000 and over. | 80,000 | 20,000 | 50 |
| | 160,000 | 40,000 | 75 |
| | 320,000 and over. | 80,000 | 100 |
| | | 120,000 | 115 |
| | | 240,000 | 130 |
| | | 400,000 and over. | 150 |

**Table II.**—Where Mineral Oil and/or Dangerous Goods of Class 2 only are kept or to be kept :—

St 8130

| In an underground Tank Depot, in quantity exceeding 800 gallons, but not exceeding— | In an aboveground Tank Depot or other Depot separated from protected works by a screen wall, in quantity exceeding 800 gallons, but not exceeding— | In an aboveground Tank Depot or other Depot not separated from protected works by a screen wall, in quantity exceeding 800 gallons, but not exceeding— | Distance not less than— |
|---|---|---|---|
| Gallons. | Gallons. | Gallons. | Feet. |
| 4,000 | 2,000 | 1,000 | 10 |
| 8,000 | 4,000 | 2,000 | 15 |
| 14,400 | 7,200 | 3,600 | 16 |
| 20,800 | 10,400 | 5,200 | 17 |
| 40,000 | 20,000 | 10,000 | 20 |
| 80,000 | 40,000 | 20,000 | 30 |
| 160,000 | 80,000 | 40,000 | 40 |
| 320,000 and over | 160,000 | 80,000 | 50 |

# PIONEER CONCRETE - WALLGROVE
# PROPOSED PUMP AND TANK LAYOUT.

EXPLOSIVES DEPT.
PASSED
For Chief Inspector
14/3/72

| AMENDMENTS | DRN. | APP. |
|---|---|---|

| DRAWN MP. | CHECKED | APPROVED | |
|---|---|---|---|
| SCALES | | DATE | |

BP AUSTRALIA LIMITED
NEW SOUTH WALES STATE

DRAWING No. NSW 7925

ISSUE

12865

BP AUSTRALIA LIMITED

28.8.68.

RR: 23-8-68 NOT TO SCALE

between tanks
r 30' to boundaries or
otected works

EXPLOSIVES DEPT.
PASSED
pro Superintendent
17.9.63.

RAY FITZPATRICK QUARRIES PTY LTD
OFF HORSLEY ROAD
WALGROVE

| AMENDMENTS | DRN. | APP. |
|---|---|---|
| | | |

| DRAWN | CHECKED | APPROVED | |
|---|---|---|---|
| DL | | | |
| SCALES Not to Scale | | DATE 16·9·63 | |
| BP AUSTRALIA LIMITED<br>NEW SOUTH WALES BRANCH | | DRAWING No. NSW 50 | |
| | | ISSUE | |

## APPENDIX X CHAIN OF CUSTODY

# Environmental and OHS Laboratory

| | | | |
|---|---|---|---|
| CLIENT: | **The Next Generation (TNG)** | LABORATORY JOB NO.: | **7773** |
| | | SAMPLERS: | **D. James, K. Finnerty, P Edmunds** |
| | SEND INVOICE TO: | PHONE: FAX: | E-MAIL: |
| DATA NEEDED BY: **Standard** | REPORT NEEDED BY: **Standard** | REPORT FORMAT: HARD: ☐ FAX: ☐ | DISK: ☐ E-MAIL: ☐ |
| 7773 | QUOTE NO.: | | |
| P.O. NO.: | COMMENTS/SPECIAL HANDLING/STORAGE OR DISPOSAL: | ANALYSIS REQUIRED | |

| | |
|---|---|
| FOR LAB USE ONLY | |
| COOLER SEAL | |
| Yes …… | No …… |
| Broken …… | Intact ….. |
| COOLER TEMP: deg.C | |

PM: EW C: PE

| SAMPLE DATA | | | | | *CONTAINER DATA | | 6 Metal Suite | 8 Metal Suite | TCLP Prep | TCLP 6Metals | TCLP PAHs | TRH & VTRH | BTEX | PAH | OCP/OPP | | | | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID (Lab Use) | Sample Name | MATRIX | DATE | TIME | TYPE & PRESERVATIVE | NO. | | | | | | | | | | | | | |
| | **7773-BH-01A** | **soil** | **27.06.14** | **N/A** | **Glass jar no pres.** | **1** | | **X** | | | | **X** | | **X** | **X** | | | | |
| | **7773-BH-02A** | **soil** | **27.06.14** | **N/A** | **Glass jar no pres.** | **2** | | **X** | | | | **X** | | **X** | **X** | | | | |
| | **7773-BH-03A** | **soil** | **27.06.14** | **N/A** | **Glass jar no pres.** | **3** | | **X** | | | | **X** | | **X** | **X** | | | | |
| | **7773-BH-04A** | **soil** | **27.06.14** | **N/A** | **Glass jar no pres.** | **4** | | **X** | | | | **X** | | **X** | **X** | | | | |
| | **7773-BH-05A** | **soil** | **27.06.14** | **N/A** | **Glass jar no pres.** | **5** | | **X** | | | | **X** | | **X** | **X** | | | | |
| | **7773-BH-06A** | **soil** | **27.06.14** | **N/A** | **Glass jar no pres.** | **6** | | **X** | | | | **X** | | **X** | **X** | | | | |
| | **7773-BH-07A** | **soil** | **27.06.14** | **N/A** | **Glass jar no pres.** | **7** | | **X** | | | | **X** | | **X** | **X** | | | | |
| | **7773-BH-08A** | **soil** | **27.06.14** | **N/A** | **Glass jar no pres.** | **8** | | **X** | | | | **X** | | **X** | **X** | | | | |
| | **7773-BH-09A** | **soil** | **27.06.14** | **N/A** | **Glass jar no pres.** | **9** | | **X** | | | | **X** | | **X** | **X** | | | | |
| | **7773-BH-10A** | **soil** | **27.06.14** | **N/A** | **Glass jar no pres.** | **10** | | **X** | | | | **X** | | **X** | **X** | | | | |
| | **7773-BH-11A** | **soil** | **27.06.14** | **N/A** | **Glass jar no pres.** | **11** | | **X** | | | | **X** | | **X** | **X** | | | | |
| | **7773-BH-12A** | **soil** | **27.06.14** | **N/A** | **Glass jar no pres.** | **12** | | **X** | | | | **X** | | **X** | **X** | | | | |
| | **7773-BH-13A** | **soil** | **27.06.14** | **N/A** | **Glass jar no pres.** | **13** | | **X** | | | | **X** | | **X** | **X** | | | | |
| | **7773-BH-14A** | **soil** | **27.06.14** | **N/A** | **Glass jar no pres.** | **14** | | **X** | | | | **X** | | **X** | **X** | | | | |
| | **7773-BH-14A** | **soil** | **27.06.14** | **N/A** | **Glass jar no pres.** | **15** | | **X** | | | | **X** | | **X** | **X** | | | | |
| | **7773-BH-15A** | **soil** | **27.06.14** | **N/A** | **Glass jar no pres.** | **16** | | **X** | | | | **X** | | **X** | **X** | | | | |
| | **7773-BH-16A** | **soil** | **27.06.14** | **N/A** | **Glass jar no pres.** | **17** | | **X** | | | | **X** | | **X** | **X** | | | | |

©Copyright ADE

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | SP1-01A | soil | 27.06.14 | N/A | Glass jar no pres. | 18 | | X | | | | X | | X | X | | | | |
| | SP1-02A | soil | 27.06.14 | N/A | Glass jar no pres. | 19 | | X | | | | X | | X | X | | | | |
| | SP1-03A | soil | 27.06.14 | N/A | Glass jar no pres. | 20 | | X | | | | X | | X | X | | | | |
| | SP2-01A | soil | 27.06.14 | N/A | Glass jar no pres. | 21 | | X | | | | X | | X | X | | | | |
| | SP2-02A | soil | 27.06.14 | N/A | Glass jar no pres. | 22 | | X | | | | X | | X | X | | | | |
| | SS-01 | soil | 27.06.14 | N/A | Glass jar no pres. | 23 | | X | | | | X | | X | | | | | |
| | SS-02 | soil | 27.06.14 | N/A | Glass jar no pres. | 24 | | X | | | | X | | X | | | | | |
| | SS-03 | soil | 27.06.14 | N/A | Glass jar no pres. | 25 | | X | | | | X | | X | | | | | |
| | SS-04 | soil | 27.06.14 | N/A | Glass jar no pres. | 26 | | X | | | | X | | X | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | 7773-BR1 | soil | 25.06.14 | N/A | Glass jar no pres. | 27 | | X | | | | X | | X | X | | | | |
| | 7773-BR2 | soil | 25.06.14 | N/A | Glass jar no pres. | 28 | | X | | | | X | | X | X | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |

# Environmental and OHS Laboratory

| | | | |
|---|---|---|---|
| CLIENT: | **The Next Generation (TNG)** | LABORATORY JOB NO.: | **7773** |
| | | SAMPLERS: | **D. James, K. Finnerty, P Edmunds** |
| | SEND INVOICE TO: | PHONE: FAX: | E-MAIL: |
| DATA NEEDED BY: **Standard** | REPORT NEEDED BY: **Standard** | REPORT FORMAT: HARD: ☐ FAX: ☐ | DISK: ☐ E-MAIL: ☐ |
| 7773 | QUOTE NO.: | | |
| P.O. NO.: | COMMENTS/SPECIAL HANDLING/STORAGE OR DISPOSAL: | ANALYSIS REQUIRED | |

| | |
|---|---|
| FOR LAB USE ONLY | |
| COOLER SEAL | |
| Yes …… | No …… |
| Broken …… | Intact ….. |
| COOLER TEMP: deg.C | |

PM: EW C: PE

| SAMPLE DATA | | | | | *CONTAINER DATA | | 6 Metal Suite | 8 Metal Suite | TCLP Prep | TCLP 6Metals | TCLP PAHs | TRH & VTRH | BTEX | PAH | OCP/OPP | | | | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID (Lab Use) | Sample Name | MATRIX | DATE | TIME | TYPE & PRESERVATIVE | NO. | | | | | | | | | | | | | |
| | **SW-01** | **water** | **27.06.14** | **N/A** | **1L Glass** | **1** | | | | | | **X** | | **X** | | | | | |
| | **SW-02** | **water** | **27.06.14** | **N/A** | **1L Glass** | **2** | | | | | | **X** | | **X** | | | | | |
| | **SW-03** | **water** | **27.06.14** | **N/A** | **1L Glass** | **3** | | | | | | **X** | | **X** | | | | | |
| | **SW-04** | **water** | **27.06.14** | **N/A** | **1L Glass** | **4** | | | | | | **X** | | **X** | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | **7773-SW-BR1** | **water** | **27.06.14** | **N/A** | **1L Glass** | **5** | | | | | | **X** | | **X** | | | | | |

# Environmental and OHS Laboratory

| | | | |
|---|---|---|---|
| CLIENT: | **The Next Generation (TNG)** | LABORATORY JOB NO.: | **7773** |
| | | SAMPLERS: | **P Edmunds** |
| | SEND INVOICE TO: | PHONE: FAX: | E-MAIL: |
| DATA NEEDED BY: | REPORT NEEDED BY: | REPORT FORMAT: HARD: ☐ FAX: ☐ | DISK: ☐ E-MAIL: ☐ |
| 7773 | QUOTE NO.: | | |
| P.O. NO.: | COMMENTS/SPECIAL HANDLING/STORAGE OR DISPOSAL: | ANALYSIS REQUIRED | |

| | |
|---|---|
| FOR LAB USE ONLY | |
| COOLER SEAL | |
| Yes …… | No …… |
| Broken …… | Intact ….. |
| COOLER TEMP: deg.C | |

PM: EW C: PE

| SAMPLE DATA | | | | | *CONTAINER DATA | | 6 Metal Suite | 8 Metal Suite | TCLP Prep | TCLP 6Metals | TCLP PAHs | pH | BTEX | Electrical Conductivity | OCP/OPP | | | | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID (Lab Use) | Sample Name | MATRIX | DATE | TIME | TYPE & PRESERVATIVE | NO. | | | | | | | | | | | | | |
| | **SW-01A** | **water** | **21.07.15** | **N/A** | **1L Plastic** | **1** | | | | | | **X** | | **X** | | | | | |
| | **SW-01B** | **water** | **21.07.15** | **N/A** | **1L Plastic** | **2** | | | | | | **X** | | **X** | | | | | |
| | **SW-02A** | **water** | **21.07.15** | **N/A** | **1L Plastic** | **3** | | | | | | **X** | | **X** | | | | | |
| | **SW-02B** | **water** | **21.07.15** | **N/A** | **1L Plastic** | **4** | | | | | | **X** | | **X** | | | | | |

©Copyright ADE

# Environmental and OHS Laboratory

| | | | |
|---|---|---|---|
| CLIENT: | **The Next Generation (TNG)** | LABORATORY JOB NO.: | **7773** |
| | | SAMPLERS: | **D. James, K. Finnerty, P Edmunds** |
| | SEND INVOICE TO: | PHONE: FAX: | E-MAIL: |
| DATA NEEDED BY: **Standard** | REPORT NEEDED BY: **Standard** | REPORT FORMAT: HARD: ☐ FAX: ☐ | DISK: ☐ E-MAIL: ☐ |
| 7773 | QUOTE NO.: | | |
| P.O. NO.: | COMMENTS/SPECIAL HANDLING/STORAGE OR DISPOSAL: | ANALYSIS REQUIRED | |

| | |
|---|---|
| FOR LAB USE ONLY | |
| COOLER SEAL | |
| Yes …… | No …… |
| Broken …… | Intact ….. |
| COOLER TEMP: deg.C | |

PM: **TL** C: PE

| SAMPLE DATA | | | | | *CONTAINER DATA | | 6 Metal Suite | 8 Metal Suite | TCLP Prep | TCLP 6Metals | TCLP PAHs | TRH + VTRH | BTEX | PAH | OCP/OPP | | | | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID (Lab Use) | Sample Name | MATRIX | DATE | TIME | TYPE & PRESERVATIVE | NO. | | | | | | | | | | | | | |
| | **Rinsate-01** | **water** | **27.06.14** | **N/A** | **Glass jar no pres.** | **1** | | | | | | **X** | | **X** | | | | | |
| | **Rinsate-02** | **water** | **27.06.14** | **N/A** | **Glass jar no pres.** | | | | | | | **X** | | **X** | | | | | |
| | **VOC blank 1** | **Liquid** | **27.06.14** | **N/A** | **Glass vial** | **2** | | | | | | | **X** | | | | | | |
| | **VOC spike 1** | **Liquid** | **27.06.14** | **N/A** | **Glass vial** | **3** | | | | | | | **X** | | | | | | |
| | **VOC blank 2** | **Liquid** | **27.06.14** | **N/A** | **Glass vial** | **4** | | | | | | | **X** | | | | | | |
| | **VOC spike 2** | **Liquid** | **27.06.14** | **N/A** | **Glass vial** | **5** | | | | | | | **X** | | | | | | |

# ABI Laboratory

| | | | |
|---|---|---|---|
| CLIENT: | A.D. Envirotech Australia Pty Ltd | JOB NO.: | 7773 |
| POSTAL ADDRESS: 4/10-11 Millennium Ct, Silverwater NSW 2128 | | SAMPLERS: | D, James, K Finnerty, P Edmunds |
| | | REPORT FORMAT: | DISK: ☐ E-MAIL: ☐ |
| INFORMATION NEEDED FOR REPORT: Standard | | | |
| **CLIENT:** | The Next Generation | | |
| **JOB LOCATION:** | **Eastern Creek** | | |

| SAMPLE DATA | | | SAMPLES SUBMITTED | | DATA NEEDED | | | NOTES |
|---|---|---|---|---|---|---|---|---|
| Sample ID (Lab Use) | Sample Name | MATRIX | DATE | TIME | DATE | TIME | No | |
| | ASB-01 | Soil | 27.06.2014 | 14:45 | 3.07.204 | 12:00 | 1 | |
| | ASB-02 | Soil | 27.06.2014 | 14:45 | 3.07.204 | 12:00 | 2 | |
| | ASB-03 | Soil | 27.06.2014 | 14:45 | 3.07.204 | 12:00 | 3 | |
| | ASB-04 | Soil | 27.06.2014 | 14:45 | 3.07.204 | 12:00 | 4 | |
| | ASB-05 | Soil | 27.06.2014 | 14:45 | 3.07.204 | 12:00 | 5 | |
| | ASB-06 | FC | 27.06.2014 | 14:45 | 3.07.204 | 12:00 | 6 | |

©Copyright ADE

| A. D. Envirotech Australia Pty Ltd | PM-F-07<br>Chain of Custody and Order (External) | Page: 1 of 2<br>Date: 26/06/2014 |
|---|---|---|

Job Number: 7773

**From:**
Unit 4, 10-11 Millennium Court,
Silverwater NSW 2128
Phone: (02) 9648 6669
Email: info@ADenviro.com.au

**To: Eurofins**
Unit F3-6 Bldg F 16
Mars Rd Lane Cove NSW 2066

**Attention:**

A. D. Envirotech Australia Pty Ltd

Sampler: D. Jones — *print name* — *signature* — Date: 25.06.2014

Delivery: D. Jones — *print name* — *signature* — Date: 27.06.2014 — Received for Laboratory: — *print name* — *signature* — Date:

## SAMPLE DETAILS

| Laboratory Sample ID | ADE Sample ID | Sample Type | Container | Analysis Required | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | 8 metals | TRH | PAH | OCC/OPP | Phenols | PCB's |
| | 7773-SP1 | Soil | | x | x | x | x | | |
| | 7773-SW-01 | Water | | x | | | | | |
| | 7773-SW-02 | Water | | x | | | | | |
| | 7773-SW-03 | Water | | x | | | | | |
| | 7773-SW-04 | Water | | x | | | | | |
| | 7773-SP1-01A | Soil | | | | | | x | x |
| | 7773-SP1-02A | Soil | | | | | | x | x |
| | 7773-SP1-03A | Soil | | | | | | x | x |

Job Number: 7773

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | **7773-SP2-01A** | **Soil** | | | | | | **x** | **x** |
| | **7773-SP2-02A** | **Soil** | | | | | | **x** | **x** |
| | **7773-SW-BR1** | **Water** | | **x** | | | | | |
| | **7773-Rinsate-01** | **Water** | | **x** | | | | | |

**Further instructions:**

1. Please provide PQLs below the health-based investigation levels published in NEPC Guidelines (Table 5A) for soil samples:

| Analyte | PQLs, mg/kg |
|---|---|
| Heavy Metals Screen (As, Be, Cd, Cr, Pb, Hg, Mo, Ni, Se, Ag) | 5 (except for Cd – 1, Hg – 0.1) |
| OCPs | 1 |
| PAHs individual | 0.5 (except for Benzo(a)Pyrene – 0.1) |
| PCBs | 1 |
| Total Phenols | 1 |
| CN | 1 |
| TPH | 250 |
| BTEX | 0.2, 1, 1, 3 |
| SPOCAS - POCAS, % Sulfur oxidisable (oven dry basis) | 0.3 |

2. Please send back COC/ORDER and SRA.

3. Please analyse all samples on **5 DAY turnaround time** and report results to info@adenvirotech.com.au, p.edmunds@adenvirotech.com.au, e.webb@adenvirotech.com.au & d.jones@adenvirotech.com.au

4. Please keep samples in refrigerated condition for 3 months.

| A. D. Envirotech Australia Pty Ltd | PM-F-07<br>Chain of Custody and Order (External) | Page: 1 of 2<br>Date: 26/06/2014 |
|---|---|---|

Job Number: 7773

**From:**
Unit 4, 10-11 Millennium Court,
Silverwater NSW 2128
Phone: (02) 9648 6669
Email: info@ADenviro.com.au

**To: Eurofins**
Unit F3-6 Bldg F 16
Mars Rd Lane Cove NSW 2066

**Attention:**

A. D. Envirotech Australia Pty Ltd

Sampler: P. Edmunds — *print name* — *signature* — Date: 21.07.2014

Delivery: P. Edmunds — *print name* — *signature* — Date: 21.07.2014 — Received for Laboratory: — *print name* — *signature* — Date:

## SAMPLE DETAILS

| Laboratory Sample ID | ADE Sample ID | Sample Type | Container | Analysis Required | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Alkalinity CaCo3 | TRH | PAH | OCC/OPP | Phenols | PCB's |
| | 7773-SW-01A | Water | | X | | | | | |
| | 7773-SW-01B | Water | | X | | | | | |
| | 7773-SW-02A | Water | | X | | | | | |
| | 7773-SW-02B | Water | | X | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

**Further instructions:**

1. Please provide PQLs below the health-based investigation levels published in ANZECC Guidelines for Water samples:

Job Number: 7773

| Analyte | PQLs, mg/L |
|---|---|
| CaCo3 | 20 |

2. Please send back COC/ORDER and SRA.

3. Please analyse all samples on **24 HOUR turnaround time** and report results to info@adenvirotech.com.au, p.edmunds@adenvirotech.com.au, e.webb@adenvirotech.com.au & t.lobsey@adenvirotech.com.au

4. Please keep samples in refrigerated condition for 3 months.

## APPENDIX XI CALIBRATION CERTIFICATES

# AES
ACTIVE ENVIRONMENTAL SOLUTIONS

## Calibration and Service Report – PID

| | | | | | |
|---|---|---|---|---|---|
| **Company:** | ADE Consulting Group | **Manufacturer:** | RAE Systems | **Serial #:** | **595-000254** |
| **Contact:** | Ross Nefodov | **Instrument:** | MiniRAE Lite | **Asset #:** | - |
| **Address:** | 4/1-3 Majors Bay Road | **Model:** | PGM 7350 | **Part #:** | 059-A126-000 |
| | CONCORD, NSW 2137 | **Configuration:** | VOC | **Sold:** | 14/10/2010 |
| **Phone:** | 02 9739 6633 | **Wireless:** | - | **Last Cal:** | 26/03/2012 |
| **Fax:** | 02 9401 0097 | **Network ID:** | - | **Job #:** | **AES.025206** |
| **Email:** | ross@adenviro.com.au | **Unit ID:** | - | **Cal Spec:** | VOC |
| | | **Details:** | pumped | **Order #:** | |

| Item | Test | Pass/Fail | Comments | Part Code | S/W |
|---|---|---|---|---|---|
| **Battery** | NiCd, NiMH, Dry cell, Li Ion | ✓ | SN: 159MW0293 | | |
| **Charger** | Charger, Power supply | ✓ | | | |
| | Cradle | ✓ | | | |
| **Pump** | Flow | ✓ | > 450 ml/min | | |
| **Filter** | Filter, fitting, etc | x | Fitted external filter | 002-3022-000 | 1 |
| **Alarms** | Audible, visual, vibration | ✓ | | | |
| **Display** | Operation | ✓ | | | |
| **Switches** | Operation | ✓ | | | |
| **PCB** | Operation | ✓ | | | |
| **Connectors** | Condition | ✓ | | | |
| **Firmware** | Version | ✓ | Version 1.05B | | |
| **Datalogger** | Operation | ✓ | | | |
| **Monitor Housing** | Condition | ✓ | | | |
| **Case** | Condition/Type | ✓ | | | |
| **Sensors** | | | | | |
| PID | Lamp | ✓ | | | |
| PID | Sensor | ✓ | | | |
| THP | Sensor | ✓ | | | |
| | | | | Calibration | 1 |
| | | | | | |

**Engineer's Report**

Service and calibration.

## Calibration Certificate

| Sensor | Type | Serial No | Span Gas | Concentration | Traceability Lot # | CF | Reading | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | Zero | Span |
| PID | 10.6ev | 2M402021 | Isobutylene | 100 ppm | S21306 | | 0 | 100 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

Calibrated/Repaired by: **Bill Knobel** Date: **25 February 2014** Next Due: **25 August 2014**