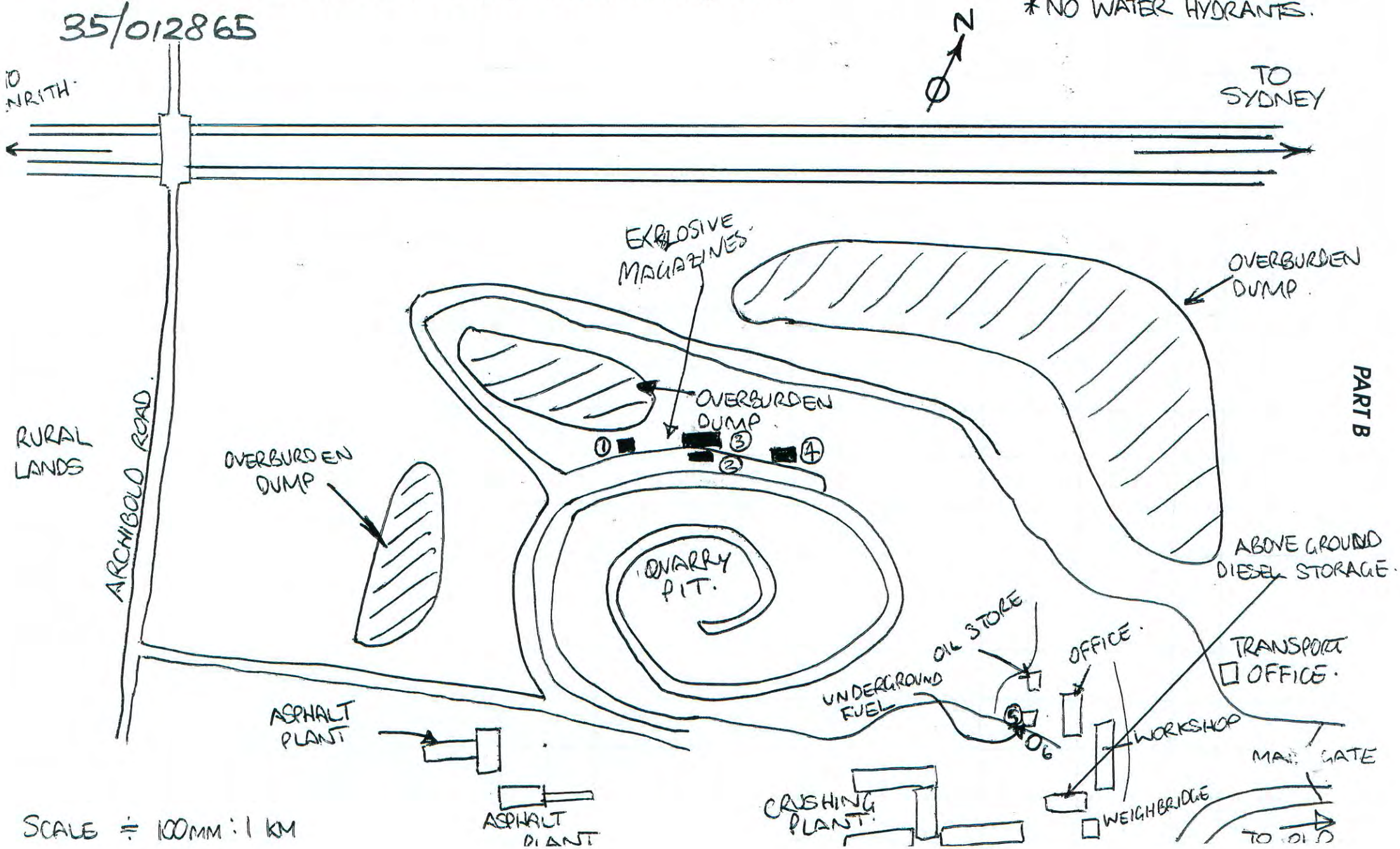
Site Sketch

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

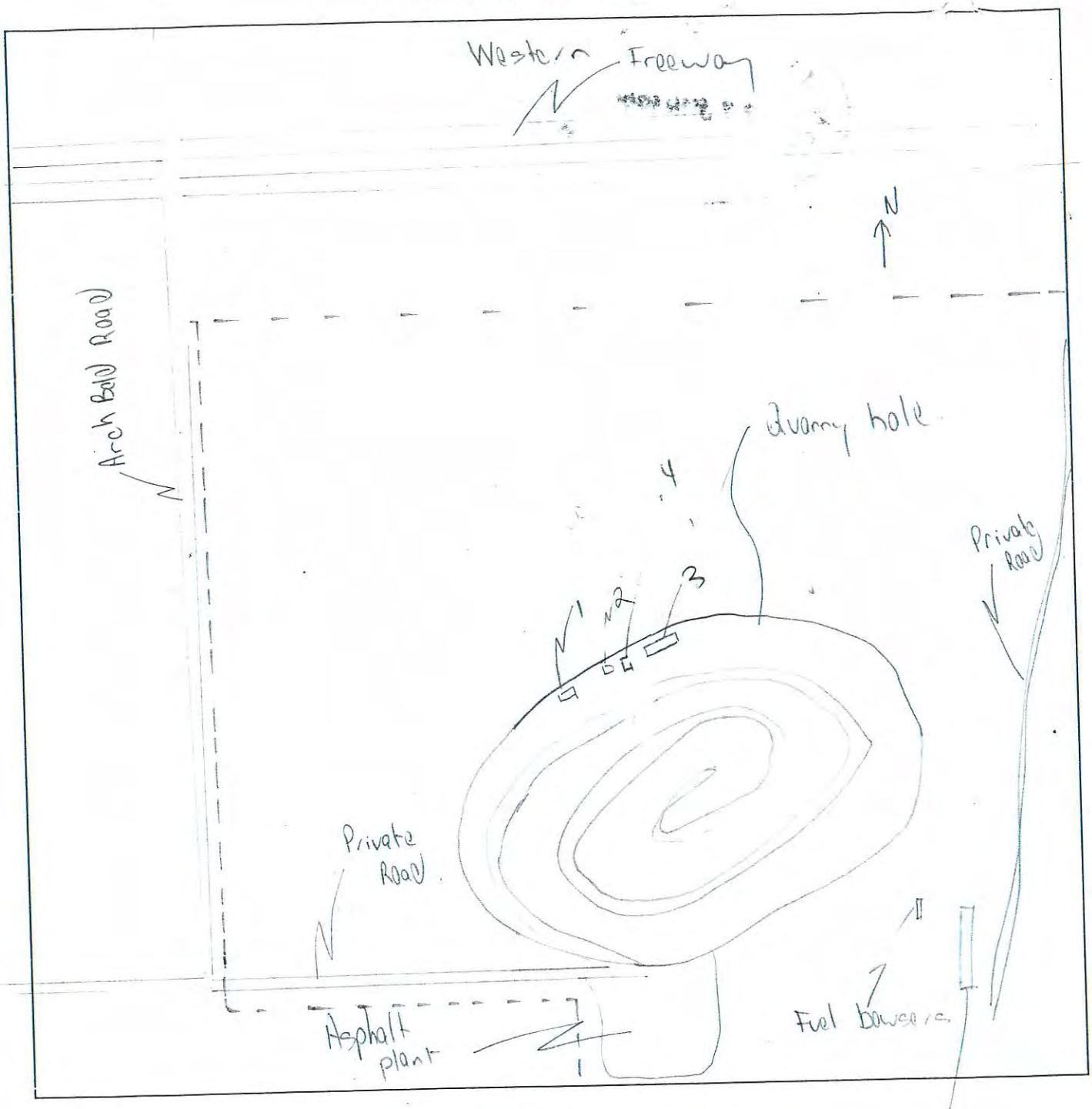
CERTIFICATE OF INSPECTION

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.

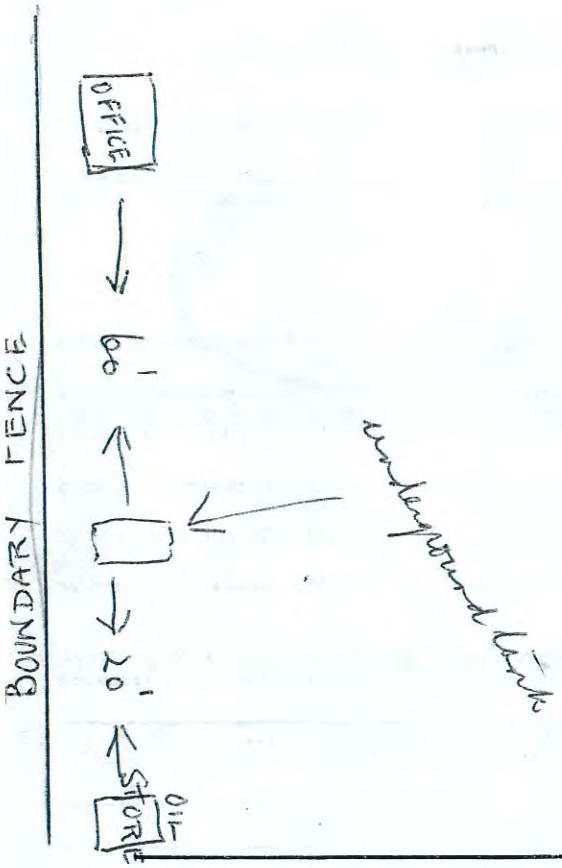
Place ..... Signature of Inspector .....

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.

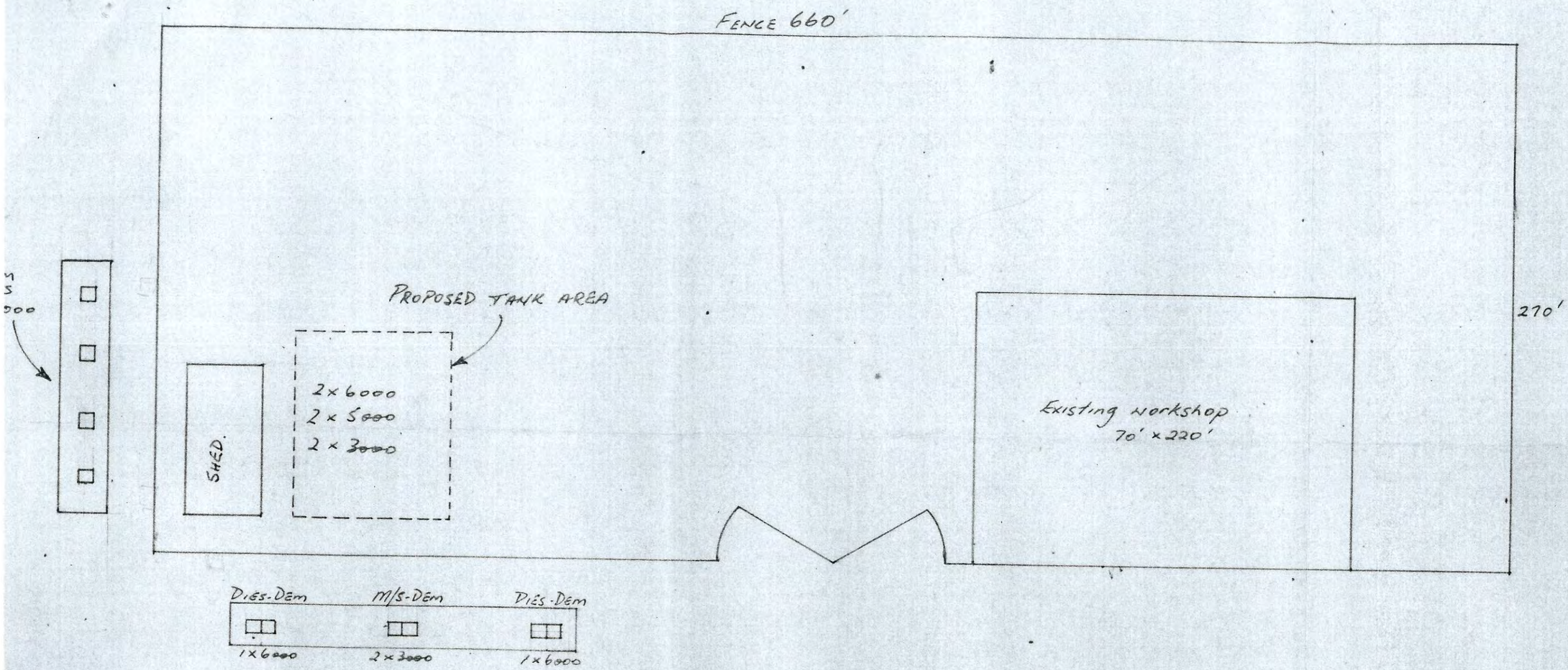
Table I.—Where Mineral Spirit and/or Dangerous Goods of Class 1 (with or without Mineral Oil and/or Dangerous Goods of Class 2) are kept or to be kept :—

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	

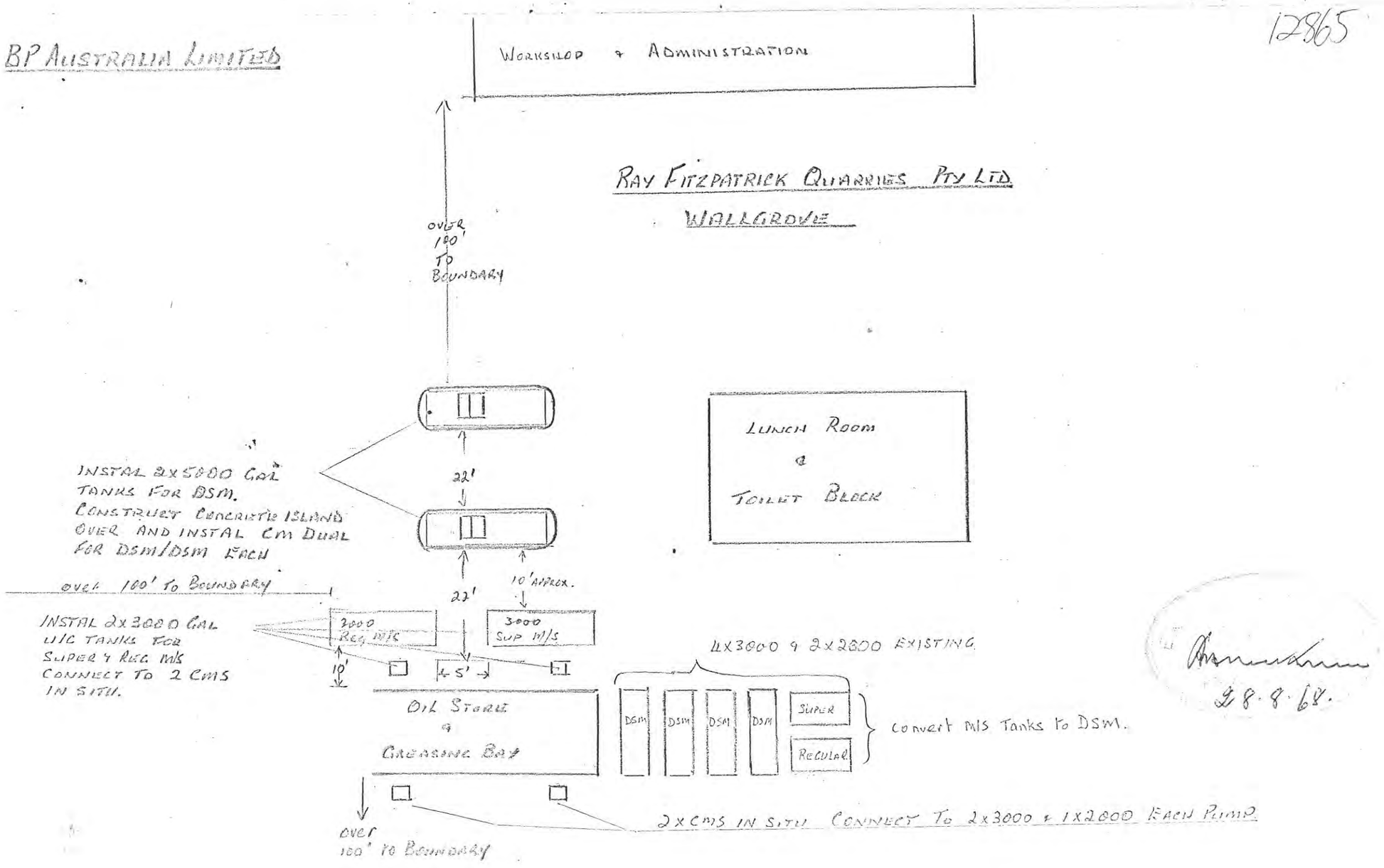
BP AUSTRALIA LIMITED
NEW SOUTH WALES STATE

DRAWING No. NSW 7925

ISSUE

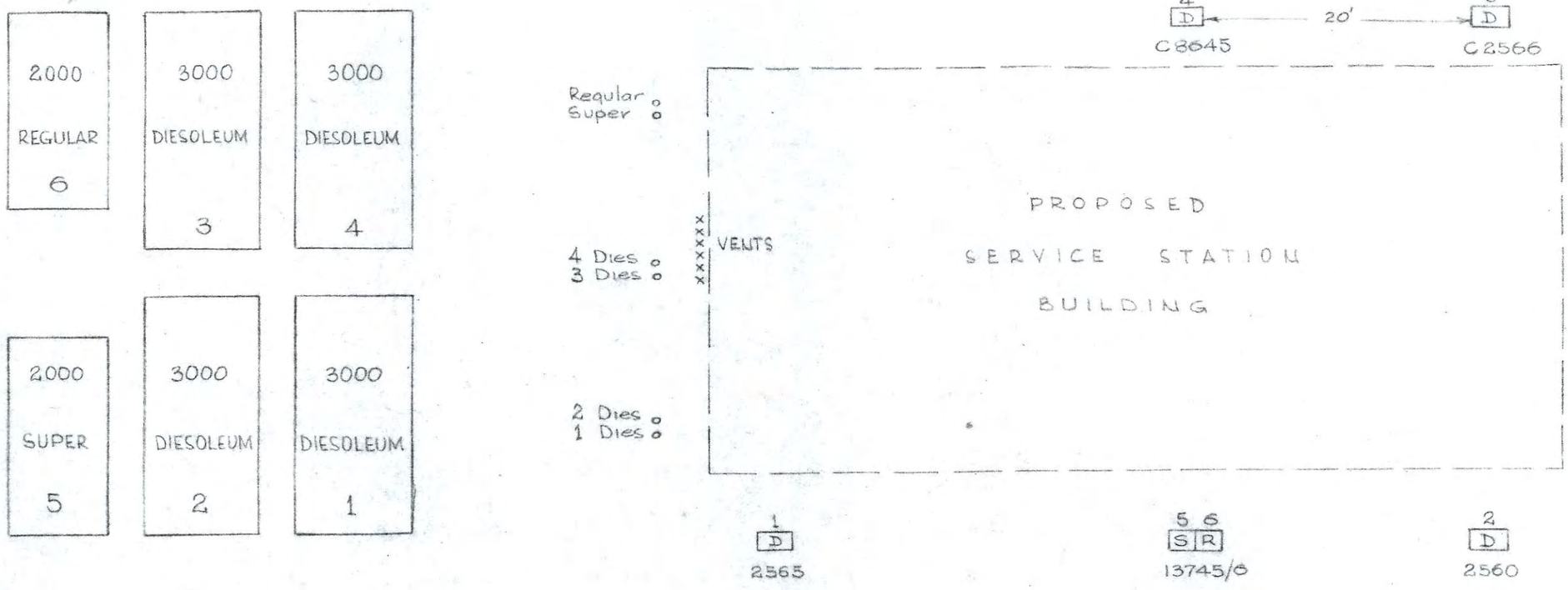
12865

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 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**				

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	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**					

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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	

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A. D. Envirotech Australia Pty Ltd	PM-F-07 Chain of Custody and Order (External)	Page: 1 of 2 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 Chain of Custody and Order (External)	Page: 1 of 2 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**