

160 Ann Street . Brisbane Queensland . PO Box 155 . BRISBANE ALBERT STREET QLD 4002
Telephone (07) 3227 6422 . Facsimile (07) 3227 7677

Enquiries to: K Barry
Telephone: 3227 8264 fax 3227 7677
Your reference: BB0001
Our reference: 900551

sch4p4(6) Personal information

Permit to Remove and Dispose of Contaminated Soil

Pursuant to Section 118ZZF of the *Environment Protection Act* 1994 (EP Act) permission is given to the applicant

3279 5377

Brendan Ebzery

26/500 Seventeen Mile Rocks Road

Seventeen Mile Rocks

Telephone: 3279 5266

Fax: 3279 5377

to remove and dispose of soil contaminated with
Pb and TPH

from Cnr Birkdale and Main Roads, Wellington Point

on Lot 1 on RP 212853 and described in the following correspondence:

Application for disposal permit dated 18 January 2000.

The permit holder is responsible for ensuring that the specific and standard conditions in Schedules 1 and 2 of this permit are complied with by all personnel involved in the excavation, removal and disposal.

Signed

sch4p4(6) Personal information

Greg O'Brien

Chief Scientific Advisor (Contaminated Land Unit)

18/01/00

cc S Region attn Robert Kijak fax 3225 8723

Notice to Applicant

The conditions on this permit have been decided after consideration of the standard criteria (Schedule 4, EP Act) and for the purpose of preventing environmental harm. The applicant may apply for a review or appeal against the decision within 14 days of receipt of this notice (s118ZZF(5)(c)(ii)).

Schedule 1 of 2 – Specific Conditions

The volume or mass of the contaminated soil shall not exceed 1000 cubic metres.

The soil is to be disposed at BP Depot cnr Coal St and Brisbane Rd, Bundamba.

The soil must be disposed between 19/01/2000 and 19/04/2000.

Other Conditions:

nil.

Released under RTI Act 2009 - EHP

Schedule 2 of 2 – Standard Conditions

1. Volume / mass of contaminated soil

This permit applies to the specified volume or mass only. Any increases to the specified quantity will require a new disposal permit.

2. Disposal time period

Disposal must occur within the dates specified or a new disposal permit must be sought.

3. Excavation and loading

The holder of this disposal permit must take all reasonable precautions necessary to prevent the spillage of contaminated soil during loading and prevent contaminated soil being transported from the site of origin on vehicle tyres and plant and equipment.

4. Transportation

(a) Transporter to be advised of permit conditions

Prior to the removal of contaminated soil, the permit holder must provide a copy of the permit and conditions to the transporter.

(b) Load to be secured

The contaminated soil must be covered in the transportation vehicle to ensure that the contaminated soil or offensive or noxious gases are not released during transport.

(c) Cleaning of vehicles and plant equipment

An effective system must be employed for cleaning of vehicles and plant and equipment which are used to transport or handle contaminated soil which prevents release of contaminants onto any roadway or to any waters or stormwater drainage system.

(d) Spillage

Any spillage of contaminants must be cleaned up as quickly as practicable. Spillages must not be cleaned up by hosing, sweeping or otherwise releasing such contaminants or material to any stormwater drainage system, roadside gutter or waters.

5. Receival and disposal

(a) Licence conditions

The acceptance and disposal of the contaminated soil must comply with the licence conditions and the specific requirements of the disposal facility.

(b) Disposal receipts

Copies of disposal acceptance receipts are to be submitted to the Administering Authority within 10 working days of the date of disposal.

6. Interim storage

Contaminated soil which is temporarily stored at the site of origin or approved for storage at a separate property must be stockpiled and securely covered and/or managed to ensure that:

- (a) rainwater is drained away from the stockpiles;
- (b) contaminated soil is not transported from the stockpile by wind or rainwater;
- (c) offensive odours or noxious gases are not release; and
- (d) soil underlying the stockpiles is not affected by contamination.

A report is to be provided to the Administering Authority within 28 days of final disposal that verifies that the storage area is fully cleared of contamination.

7. Treatment of soil

(a) *Licensed facility*

When treatment is to be undertaken at a licensed general waste disposal facility or regulated waste treatment and disposal facility, acceptance receipts must be provided to the Administering Authority within 10 days of contaminated soil delivery. The contamination level in the soil must be reduced to a level agreed by the Administering Authority. When contaminated soil is stored at such facility pending treatment, storage is to be undertaken according to condition 6.

(b) *Other treatment sites*

(i) *Soil remediation and validation report.*

The permit holder must provide a report of the soil remediation including chemical test results that validate that the contamination has been lowered to levels agreed with the Administering Authority. The report must provide evidence that the land underlying the treatment activity is not affected by contamination.

(ii) *Environmental harm.*

Treatment activities must be carried out to ensure that environmental harm is not caused and that contaminants including treatment agents are not released from the site by wind, stormwater or as offensive or noxious gases. The requirements of condition 6 also apply.

(c) *Final disposal*

When soil contamination has been reduced to levels acceptable to the Administering Authority, the soil may be disposed of as general fill unless otherwise specified in Schedule 1. The location of the final disposal site of the soil is to be identified after treatment by written advice to the Administering Authority.

****End of Document****

FACSIMILE**Environmental Professionals****Attention:** Kim Barry**Company:** QLD EPA**Fax No.:****From:** Brendan Ebzery**Date:** 18/1/00**Pages:** 1 (Incl. This One)**FAX Ref:** BB0001- BP Wellington Point**Dear Kim**

Regarding soil disposal from BP Wellington Point. We now wish to take the soil to the BP Depot on the corner of Coal Street and Brisbane Rd, Bundamba for remediation.
Thank you for your assistance.

Regards

sch4p4(6) Personal information

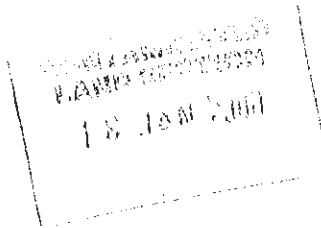
Brendan Ebzery**OTEK Australia Pty Ltd
ACN 054 371 596****26/500 Seventeen Mile Rocks Road,
Seventeen Mile Rocks, QLD 4073****Tel: (07) 3279 5266
Fax: (07) 3279 5377****Brisbane
Sydney
Melbourne
Perth**

This facsimile is intended solely for the named addressee and may contain information that is confidential and privileged. If you are not the intended recipient and have received this communication in error, please notify the relevant office immediately and destroy this document.

FORM 041 Issue # 1 Date Of Issue : 17/07/96

18 January 2000

Ms Kim Barry
Environmental Protection Agency
PO Box 168
Albert Street
BRISBANE QLD 4001



**REQUEST FOR DISPOSAL OF HYDROCARBON IMPACTED SOIL
BP SERVICE STATION
CNR BIRKDALE AND MAIN ROADS, LOT 1 ON RP 212853
WELLINGTON POINT, QUEENSLAND**

Dear Kim,

On behalf of BP Australia Limited (BP), OTEK Australia Pty Ltd (OTEK) seeks approval from the Environmental Protection Agency (EPA) to dispose of up to 1000m³ of hydrocarbon impacted soil from the above referenced site to a Redland Shire Council (RSC) landfill site.

Soil disposal is required due to BP upgrading and redeveloping the site. The redevelopment will consist of the removal of the existing Underground Storage Tanks (USTs) and bowers and their replacement with new equipment. Validation sampling will be conducted during tank and bowser removal. The site building will also be extensively redeveloped. There would not be enough room on site during the redevelopment to allow on site remediation. The site is located in the centre of Wellington Point beside sensitive receptors being takeaway shops and residential properties (see Figures 1 and 2).

ANALYTICAL TESTING

All soil boring samples were collected at the site utilising a hollow flight drill rig. All samples were collected in the field by OTEK personnel, sealed in glass jars, labelled, placed on ice and transferred to the analytical laboratory, using proper sample preservation procedures and chain-of-custody documentation.

Analytical testing was conducted by Australian Laboratory Services (ALS) of Stafford, Queensland (NATA approved). Soil samples from the site have been analysed for Total Petroleum Hydrocarbon (TPH), Benzene, Toluene, Ethylbenzene and Xylenes (BTEX) and lead. The results of the analysis are included as Table 1 and analytical data can be found in Attachment A. These results indicated the following:

- BTEX and TPH concentrations exceeding Environmental Protection Agency's (EPA) guidelines were present in Soil Samples S-1, B-6/0.7m and B-7/0.2m; and
- Lead impact was also identified in Sample B-1/0.7m. It should be noted however that soil from this area will not be removed from the site.

Page 1

BB0001
OTEK

OTEK Australia Pty Ltd
ACN 054 71 596

26/500 Seventeen Mile Rocks Road
Seventeen Mile Rocks QLD 4073

Telephone (07) 3279 5266
Facsimile (07) 3279 5377

Melbourne
Sydney
Brisbane
Perth



DISPOSAL OF SOIL

OTEK seeks approval from the EPA to dispose of up to 1000m³ of impacted soil, under the conditions set by the RSC (see RSC approval letter Attachment B) and Section 118ZZF of the Environmental Protection Act 1994, to the RSC Birkdale landfill. Copies of relevant titles and registered plans are included with this application (see Attachment C), as is an Application for Disposal Permit (see Attachment D).

As field work is scheduled to start on the 19th of November, your prompt attention to this matter would be appreciated. Thank you for your assistance in this matter.

Sincerely

Brendan Ebzery BSc PGDipSc
Project Manager

Mark Pardon MSc DipEd
Principle Environmental Scientist

Enclosures:

Figure 1: Regional Map

Figure 2: Vicinity Map

Figure 3: Soil Sampling Locations

Table 1: Analytical Summary – Soil Samples (BTEX, TPH and lead)

Attachment A – Analytical Data

Attachment B – RSC Approval Letter

Attachment C – Current Title and Registered Plan

Attachment D – Application for Disposal Permit



QUEENSLAND GOVERNMENT

Department of Environment

Hazardous Waste and Contaminated Sites Section
Department of Environment
PO Box 155
BRISBANE ALBERT STREET
QLD 4002
Ph: (07) 3225 1827 Fax: (07) 3227 8341

Application for Disposal Permit

Section 118ZZF Environmental Protection Act (1994)

Please note: Failure to lodge all required information can result in your application being rejected and returned to you for completion and resubmission.

Important information (please read before completing this form)

A decision on an application will be made within 14 days of receipt, with a further 10 days allowed for preparation of the permit.

Complete the following: (Attach a separate sheet if more space required)

1. Applicant details

(This is the contact person to whom the disposal permit will be sent and to whom all enquiries will be directed)

Contact name Brendan Ebzery Telephone 3279 5877 Fax 3279 5877

Company name (if applicable) OTEK Australia Pty Ltd

Postal address 25-27/500 Seventeen Mile Rocks Road

Seventeen mile Rocks Postcode 4073

2. Details of site(s) from which soil is to be removed

Has a site investigation report been submitted to DoE?

- ☐ Yes DoE file number _____
☒ No

Real Property Description (Lot on Registered Plan) Lot 1 on Plan RP 812853

Street address of site(s) CNR BIRKDALE + MAIN RDS WELLINGTON PT.

Copy of current Certificate of Title

- ☒ Enclosed with this application
☐ Submitted previously to the DoE within a site investigation report

Has the site been used for a notifiable activity as per Schedule 3 of the Environmental Protection Act 1994?

- ☒ Yes (please specify) Fuel Storage
☐ No

Is the site presently being used for a notifiable activity?

- ☒ Yes (please specify) _____
☐ No

Is the site currently on the Environmental Management Register or Contaminated Land Register?

- ☒ Yes
☐ No (if no, a notification form must be submitted to DoE)

Has contaminated soil been removed from this site in the past?

- ☐ Yes (if yes, was an application for off-site disposal sought?) ☐ Yes ☐ No
☒ No

3. Approximate volume (in m³) of soil to be removed (allowing for excavation bulking)

1000 m³

Describe how the volume of soil to be removed was calculated tank pit area minus tank and anchor volumes

4. Dates between which soil will be moved to the disposal location (as per section 118ZZF(7), permits will only be valid between dates stipulated in the disposal permit)

18th Jan - 18th Feb

5. Justification of request

Reason(s) why on-site treatment or management not proposed Site location in central Wellington Point and lack of room on site during site redevelopment.

Will validation sampling be undertaken to ensure that contaminated soil is removed? Yes

6. Description of contamination present in soil to be removed

Contaminants present hydrocarbons

Please enclose with your application:

- ☒ Scaled diagram showing soil sampling locations and contamination source(s)
- ☒ Tabulation of soil analysis results
- ☐ TCLP results from relevant soil samples
- ☒ Laboratory reports and sample receipt advices for all soil analyses
- ☒ Explanation of location and depths of samples, how samples were collected, and how sample integrity was maintained.

7. Written acceptance from the owner of site receiving soil

Is the soil being removed to a local government-administered landfill?

- ☒ Yes ☒ Written acceptance from the local government authority is enclosed
- ☐ No (Please complete section 8 of this application form).

Name and address of local government-administered landfill

Birkdale Landfill
OLD CLEVELAND RD BIRKDALE

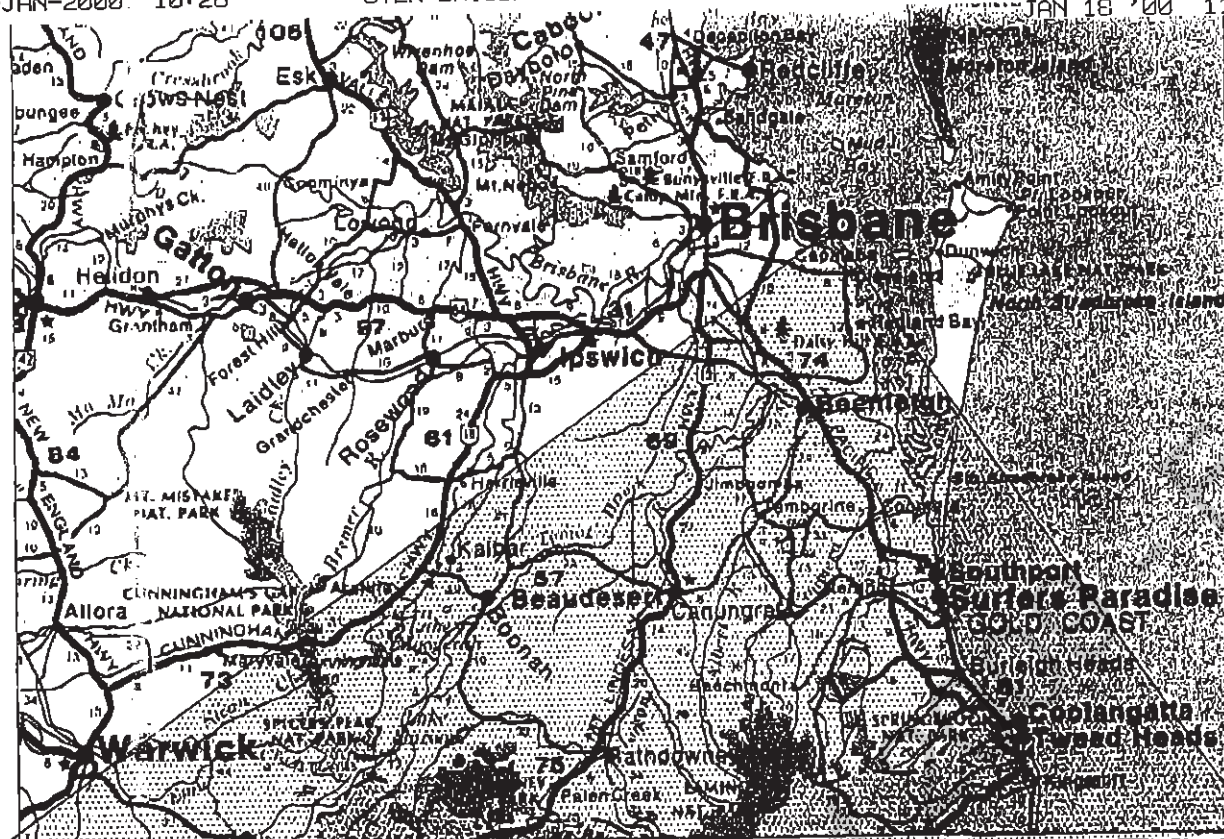
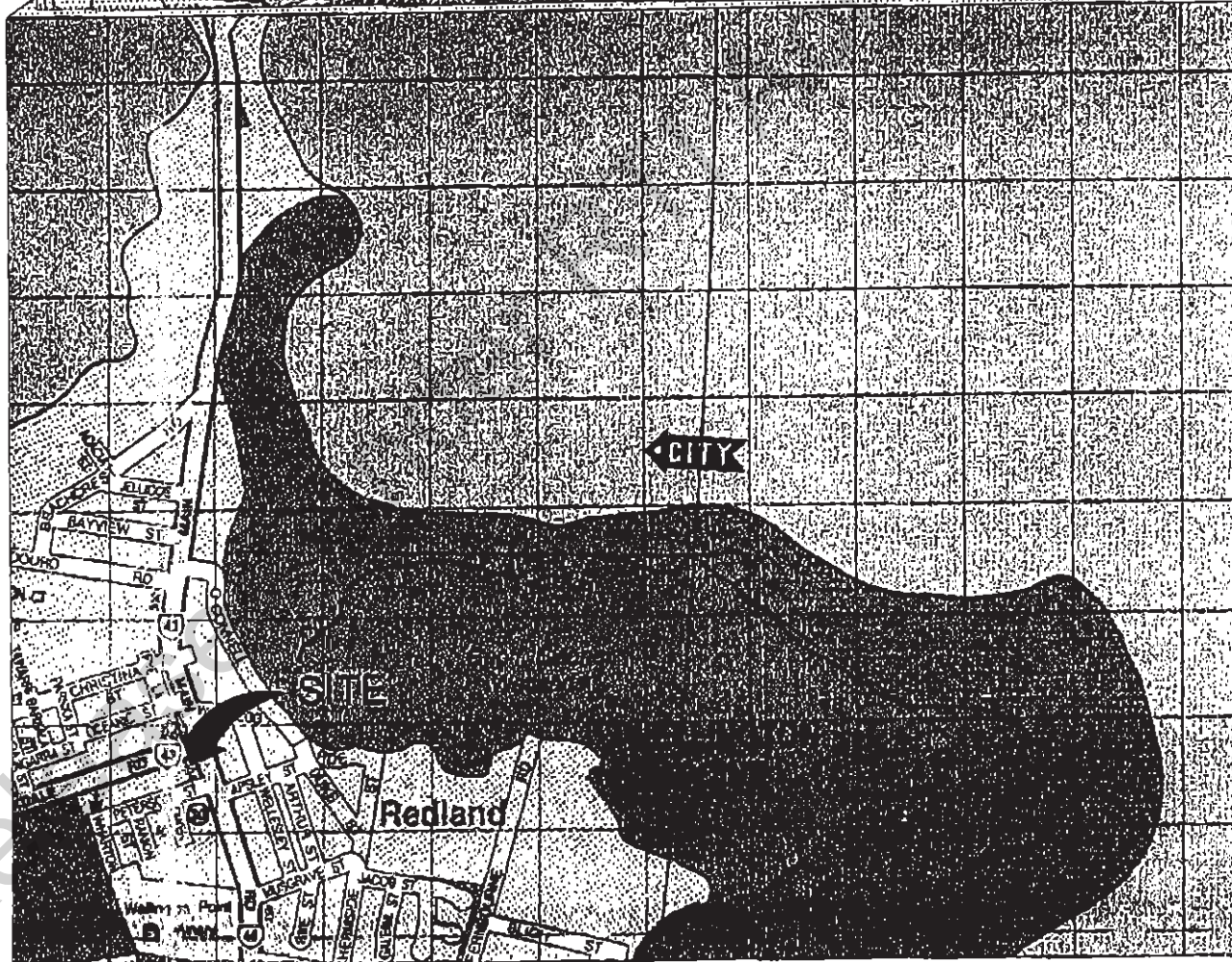
8. Description of site receiving soil (complete this section only if soil not going to a local government-administered landfill)

Real Property Description (Lot on Registered Plan) Lot _____ on Plan _____

Street address of site _____

Local government authority _____

- ☐ Copy of Certificate of Title provided
- ☐ Written acceptance from registered owner of site is enclosed with this application



Ref:

UBD BRISBANE STREET DIRECTORY
Including Gold and Sunshine Coasts
40th Edition, 1995
Top: Map 353
Scale: 1:1 200 000
Bottom: Map 165
Scale: 1:31 250 (approx)



OTEK

AUSTRALIA PTY LTD

APPROXIMATE SCALE

1:350

DRAWN DATE

GSD 2/1/99

TITLE

REPORT REFERENCE

ENVIRONMENTAL SITE
ASSESSMENTBP Australia Limited
Wellington Point, QLD

CHECKED

DATE

29/1/99

JOB #

B899063

REGIONAL MAP

FIG. 3

1

OCEANIC STREET

WATERLOO STREET

Shops

Residential

Hotel

BIRKDALE ROAD

Project Site

MAIN STREET

Residential

PETERSON STREET

OWEN STREET

RANKIN STREET



OTek
AUSTRALIA PTY LTD

REPORT REFERENCE

**ENVIRONMENTAL SITE
ASSESSMENT**

BP Australia Limited
Wellington Point, QLD

APPROXIMATE SCALE

Not to Scale

DRAWN

DATE

GSD 22/4/00

CHECKED

DATE

Personal 29/4/00

JOB #

B99063

TITLE

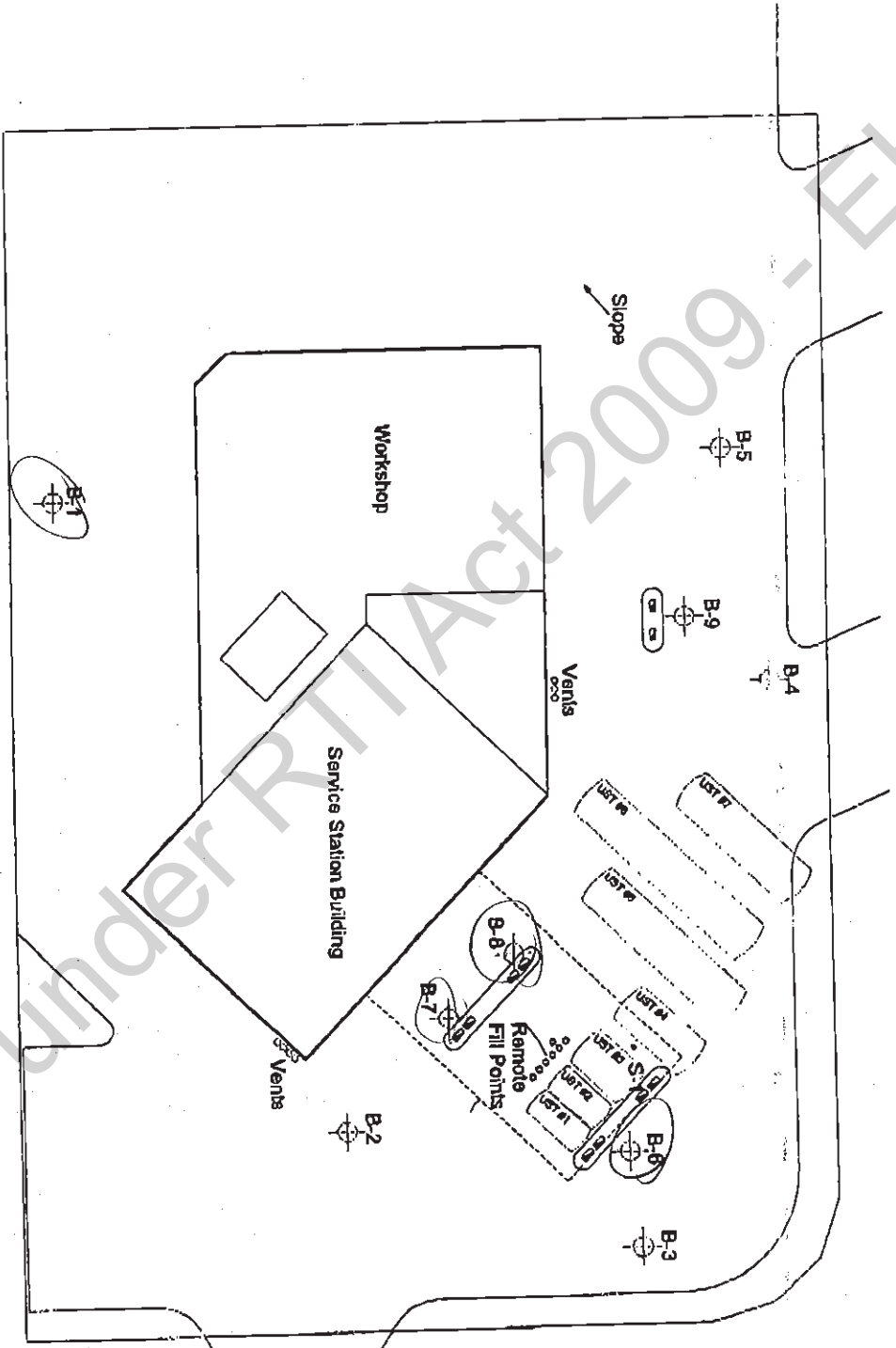
VICINITY MAP

FIG. #

2

BIRKDALE ROAD

MAIN ROAD



Legend

- B-# Soil Boring Location
- S-# Soil Sample Location
- UST Location
- Bowser Location

UST Details

UST #	Capacity (L)	Contents
1	5,000	Zoom
2	5,000	PULP
3	10,000	Diesel
4	15,000	Super
5	30,000	ULP
6	40,000	Super
7	20,000	el

OTek

ENVIRONMENTAL SITE
ASSESSMENT

APPROXIMATE SCALE
1:350

DATE
29/11/99

DRAWN
GSD 22/4/99

DATE
29/11/99

JOB #
B99063

SITE MAP

3

TABLE 1
ANALYTICAL SUMMARY - SOIL BORING SAMPLES (BTEX, TPH & Pb)
BP SERVICE STATION BIRKDALE ROAD
WELLINGTON POINT, QUEENSLAND

Sample ID / Depth (m)	BTEX					TPH					Pb
	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl- Benzene (mg/kg)	Xylenes (mg/kg)	Total BTEX (mg/kg)	C ₆ -C ₆ (mg/kg)	C ₁₀ -C ₁₄ (mg/kg)	C ₁₅ -C ₂₈ (mg/kg)	C ₂₉ -C ₃₆ (mg/kg)	Total TPH (mg/kg)	Lead (mg/kg)
B-1/0.7m	nd	nd	nd	nd	nd	nd	58	1670	2570	4298	1260
B-2/1.5m	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	18
B-3/1.0m	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	12
B-4/1.3m	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	6
B-5/0.5m	nd	nd	nd	nd	nd	nd	nd	321	497	818	114
B-6/0.6m	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	27
B-6/0.7m	8.1	72.4	45.4	316.7	442.6	1860	919	nd	nd	2779	14
B-7/0.2m	0.8	4.1	22.1	177.5	204.5	1250	605	nd	nd	1855	109
B-7/0.75m	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	9
B-8/0.7m	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	11
B-9/0.6m	nd	nd	nd	0.3	0.3	nd	nd	nd	nd	nd	19
B-9/1.0m	nd	nd	nd	0.2	0.2	nd	nd	nd	nd	nd	11
S-1	4.9	9.3	24	84.3	122.5	474	3370	5760	nd	9604	182
QS-1	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	12
EPA Criteria	1	-	-	-	7	100	100	1000	1000	1000	300
Quantitation Limit	0.2	0.2	0.2	0.2	-	2	50	100	100	-	5
Laboratory Methodology	EP-080-SS					EP-071-SS					EG-005T

Notes:

- B-#/0.# denotes a discrete soil sample obtained from a specified depth, S-# denotes a discrete surface soil sample, QS-# denotes a quality assurance duplicate sample;
- QS-1 is a quality duplicate of B-8/0.7m;
- "nd" denotes concentrations not detected;
- Samples were obtained on 24 March 1999;
- EPA Criteria as stated in Draft Guidelines for the Assessment & Management of Contaminated Land in Queensland (May 1998) and Guidelines for the Assessment of Contaminated Land in Queensland (CHEM Unit, January 1992); and
- Shading denotes a concentration in excess of EPA Criteria.

AUSTRALIAN LABORATORY SERVICES P/L

A.C.N. 009 936 029

ANALYTICAL REPORT

PAGE 1 of 1

CONTACT: MR B EBZERY
CLIENT: B P AUSTRALIA
ADDRESS: OTEK AUSTRALIA PTY LTD
27/500 SEVENTEEN MILE ROCKS RD
SEVENTEEN MILE ROCKS QLD 4075

LABORATORY: ENV BRISBANE
BATCH NUMBER: EB20410
SUB BATCH: 0
NO. OF SAMPLES: 14
DATE RECEIVED: 30/03/99
DATE COMPLETED: 07/04/99

ORDER No.: CMD99030 K70905 8195

SAMPLE TYPE: SOIL

PROJECT: B99063 BP WELLING

SAMPLE NUMBER	ELEMENT UNIT METHOD L.O.R.	Moisture % EA-055 0.1	Pb mg/kg EG-005T 1
---------------	-------------------------------------	--------------------------------	-----------------------------

S-1	24/03/99	19.4	182
QS-1	24/03/99	23.6	12
B-1/0.7m	24/03/99	25.4	12±0
B-2/1.5m	24/03/99	21.7	18
B-3/1.0m	24/03/99	22.0	12
B-4/1.3m	24/03/99	20.7	6
B-5/0.5m	24/03/99	11.9	114
B-5/1.6m	24/03/99	15.1	27
B-6/0.7m	24/03/99	23.9	14
B-7/0.2m	24/03/99	26.8	109
B-7/0.75m	24/03/99	24.0	9
B-8/0.7m	24/03/99	25.2	11
B-9/0.6m	24/03/99	24.3	19
B-9/1.0m	24/03/99	20.9	11



No. 825
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REMARKS:

Samples as received digested by USEPA method 3051 prior to the determination of lead. Results reported on a dry weight basis.

sch4p4(6) Personal information

This is the Final Report which supersedes any preliminary reports with this batch number.

• Results apply to sample(s) as submitted by client.

AUSTRALIAN LABORATORY SERVICES P/L A.C.N. 009 936 029

ANALYTICAL REPORT

PAGE

1 of 1

CONTACT: MR B EBZERY
 CLIENT: B P AUSTRALIA
 ADDRESS: OTEK AUSTRALIA PTY LTD
 27/500 SEVENTEEN MILE ROCKS RD
 SEVENTEEN MILE ROCKS QLD 4073

LABORATORY: ENV BRISBANE
 BATCH NUMBER: EB20410
 SUB BATCH: 0
 No. OF SAMPLES: 14
 DATE RECEIVED: 30/03/99
 DATE COMPLETED: 07/04/99

ORDER No.: CMD99030 K70905 8195
 SAMPLE TYPE: QUALITY CONTROL PROJECT: B99063 BP WELLINGTON

SAMPLE NUMBER	ELEMENT UNIT METHOD L.O.R.	Moisture % EA-055 0.1	Pb mg/kg EG-005T 1			
** METHOD	BLANK 30/0	----	<1			
** S-1	%SPK REC 2	----	100%			
** B-7/0.2m	CHK 24/03/	26.0	110			
** B-7/0.75m	%SPK REC 2	----	114%			
** B-9/1.0m	CHK 24/03/	22.7	12			



No. 825
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 test(s) reported herein have been performed in
 accordance with its terms of accreditation. This
 document shall not be reproduced except in full.

REMARKS:

Results which appear on this report are routine laboratory
 checks for QUALITY CONTROL purposes.

sch4p4(6) Personal information

• Results apply to sample(s) as submitted by client.

This is the Final Report which supersedes any preliminary reports with this batch number.

Springs Laboratory
 Phone: (08) 8952 8020 Fax: (08) 8952 8021
 Indigo Laboratory
 Phone: (03) 5446 1390 Fax: (03) 5446 1389

Cloncurry Laboratory
 Phone: (077) 42 1323 Fax: (077) 42 1685
 Kalgoorlie Laboratory
 Phone: (08) 9021 1457 Fax: (08) 9021 6253
 New Zealand Laboratory

Perth Laboratory
 Phone: (08) 9249 2988 Fax: (08) 9249 2942
 Townsville Laboratory
 Phone: (077) 79 9155 Fax: (077) 79 9729

AUSTRALIAN LABORATORY SERVICES P/L

A.C.N. 009 936 029

ANALYTICAL REPORT

PAGE 1 of 2

CONTACT: MR B EBZERY
CLIENT: B P AUSTRALIA
ADDRESS: OTEK AUSTRALIA PTY LTD
27/500 SEVENTEEN MILE ROCKS RD
SEVENTEEN MILE ROCKS QLD 4073

LABORATORY: ENV BRISBANE
BATCH NUMBER: E820410
SUB BATCH: 1
No. OF SAMPLES: 14
DATE RECEIVED: 30/03/99
DATE COMPLETED: 07/04/99

PROJECT: B99063 BP WELLINGTON

ORDER No.:		CMD99030 K70905 8195	SAMPLE TYPE:	SOIL	PROJECT:		
				S-1	QS-1	B-1/0.7m	B-2/1.5m
Method	Analysis description	Units	LOR	24/03/99	24/03/99	24/03/99	24/03/99
P-055	Moisture Content (dried @ 103°C)	%	0.1	19.4	23.6	25.4	21.7
EP-071-SS	TOTAL PETROLEUM HYDROCARBONS						
	C6 - C9 Fraction	mg/kg	2	474	<2	<2	<2
	C10 - C14 Fraction	mg/kg	50	3370	<50	58	<50
	C15 - C28 Fraction	mg/kg	100	5760	<100	1670	<100
	C29 - C36 Fraction	mg/kg	100	<100	<100	2570	<100
P-080-SS	BTEX	mg/kg	0.2	4.9	<0.2	<0.2	<0.2
	Benzene	mg/kg	0.2	9.3	<0.2	<0.2	<0.2
	Toluene	mg/kg	0.2	<0.2	<0.2	<0.2	<0.2
	Chlorobenzene	mg/kg	0.2	24.0	<0.2	<0.2	<0.2
	Ethylbenzene	mg/kg	0.2	61.9	<0.2	<0.2	<0.2
	meta- & para-Xylene	mg/kg	0.2	22.4	<0.2	<0.2	<0.2
	ortho-Xylene	mg/kg	0.2				
P-080S-SS	VOLATILE TPH/BTEX COMPOUND SURROGATES						
	1,2-Dichloroethane-D4	%	1	72	85	79	71
	Toluene-D8	%	1	82	82	68	88
	4-Bromofluorobenzene	%	1	78	85	76	78

sch4p4(6) Personal information

COMMENTS:

Samples analysed on an as received basis. Results reported on a dry weight basis.

• Results apply to sample(s) as submitted by client.

This is the Final Report which supersedes any preliminary reports with this batch number.

Brisbane
Phone: (07) 3243 7222 Fax: (07) 3243 7218
Sydney
Phone: (02) 9341 9500 Fax: (02) 9341 9530
Melbourne
Phone: (03) 9338 4444 Fax: (03) 9338 4400

Laboratories also in:
Singapore
Malaysia
Hong Kong

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A.C.N. 009 936 029

ANALYTICAL REPORT

PAGE

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CONTACT: MR B EBZERY
CLIENT: B P AUSTRALIA
ADDRESS: OTEK AUSTRALIA PTY LTD
27/500 SEVENTEEN MILE ROCKS RD
SEVENTEEN MILE ROCKS QLD 4075

LABORATORY: ENV BRISBANE
BATCH NUMBER: EB20410
SUB BATCH: 1
No. OF SAMPLES: 14
DATE RECEIVED: 30/03/99
DATE COMPLETED: 07/04/99

B99063 BP WELLINGTON

CMD99030 K70905 8195

SOIL

PROJECT:

ORDER No.:

Method

Analysis description

Units

LOR

B-3/1.0m

B-4/1.5m

B-5/0.5m

B-5/1.6m

24/03/99

24/03/99

24/03/99

24/03/99

P-055

Moisture Content (dried @ 103°C)

%

0.1

22.0

20.7

11.9

15.1

P-071-SS

TOTAL PETROLEUM HYDROCARBONS

mg/kg

2

<2

<2

<2

<2

C6 - C9 Fraction

mg/kg

50

<50

<50

<50

<50

C10 - C14 Fraction

mg/kg

100

<100

<100

321

<100

C15 - C28 Fraction

mg/kg

100

<100

<100

497

<100

C29 - C36 Fraction

mg/kg

100

<100

<100

497

<100

P-080-SS

BTX

mg/kg

0.2

<0.2

<0.2

<0.2

<0.2

Benzene

mg/kg

0.2

<0.2

<0.2

<0.2

<0.2

Toluene

mg/kg

0.2

<0.2

<0.2

<0.2

<0.2

Chlorobenzene

mg/kg

0.2

<0.2

<0.2

<0.2

<0.2

Ethylbenzene

mg/kg

0.2

<0.2

<0.2

<0.2

<0.2

meta- & para-Xylene

mg/kg

0.2

<0.2

<0.2

<0.2

<0.2

ortho-Xylene

mg/kg

0.2

<0.2

<0.2

<0.2

<0.2

P-0805-SS

VOLATILE TPH/BTEX COMPOUND SURROGATES

%

1

68

73

77

71

1,2-Dichloroethane-D4

%

1

81

90

86

90

Toluene-D8

%

1

77

83

81

79

4-Bromofluorobenzene

%

1

77

83

81

79

sch4p4(6) Personal information

COMMENTS:

• Results apply to sample(s) as submitted by client.

This is the Final Report which supersedes any preliminary reports with this batch number.

Brisbane
Phone: (07) 3243 7222 Fax: (07) 3243 7218
Sydney
Phone: (02) 9841 9500 Fax: (02) 9841 9530
Melbourne
Phone: (03) 9338 4144 Fax: (03) 9538 4400

Laboratories also in:
Singapore
Malaysia
Hong Kong

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No. 825

Page 17 of 45

RTI 14-025

AUSTRALIAN LABORATORY SERVICES P/L

A.C.N. 009 936 029

ANALYTICAL REPORT

PAGE

3 of 4

ENV BRISBANE

EB20410

LABORATORY:

BATCH NUMBER:

SUB BATCH:

No. OF SAMPLES:

DATE RECEIVED:

DATE COMPLETED:

1

14

30/03/99

07/04/99

899063 BP WELLINGTON

CONTACT: MR B EBZERY
CLIENT: B P AUSTRALIA
ADDRESS: OTEK AUSTRALIA PTY LTD
27/500 SEVENTEEN MILE ROCKS RD
SEVENTEEN MILE ROCKS QLD 4075

ORDER No.: CMD99030 K70905 8195
SAMPLE TYPE: SOIL

PROJECT:

Method	Analysis description	Units	LOR	2-5/0.7m	8-7/0.2m	8-7/0.75m	8-8/0.7m
				24/03/99	24/03/99	24/03/99	24/03/99
055	Moisture Content (dried @ 103°C)	%	0.1	23.9	26.8	24.0	25.2
071-SS	TOTAL PETROLEUM HYDROCARBONS				1250	<2	<2
	C6 - C9 Fraction	mg/kg	2	<2	605	<50	<50
	C10 - C14 Fraction	mg/kg	50	<50	<100	<100	<100
	C15 - C28 Fraction	mg/kg	100	<100	<100	<100	<100
	C29 - C36 Fraction	mg/kg	100	<100	<100	<100	<100
080-SS	BTEX	mg/kg	0.2	<0.2	0.8	<0.2	<0.2
	Benzene	mg/kg	0.2	<0.2	4.1	<0.2	<0.2
	Toluene	mg/kg	0.2	<0.2	<0.2	<0.2	<0.2
	Chlorobenzene	mg/kg	0.2	<0.2	22.1	<0.2	<0.2
	Ethylbenzene	mg/kg	0.2	<0.2	137	<0.2	<0.2
	meta- & para-Xylene	mg/kg	0.2	<0.2	40.5	<0.2	<0.2
	ortho-Xylene	mg/kg	0.2	<0.2			
0805-SS	VOLATILE TPH/BTEX COMPOUND SURROGATES						
	1,2-Dichloroethane-D4	%	1	70	72	84	69
	Toluene-D8	%	1	86	84	85	85
	4-Bromofluorobenzene	%	1	79	79	88	76

COMMENTS:

sch4p4(6) Personal information

This is the Final Report which supersedes any preliminary reports with this batch number.

• Results apply to sample(s) as submitted by client.

Brisbane
Phone: (07) 3243 7222 Fax: (07) 3243 7218
Sydney
Phone: (02) 9841 9500 Fax: (02) 9841 9530
Melbourne
Phone: (03) 9538 4444 Fax: (03) 9538 4400

Laboratories also in:
Singapore
Malaysia
Hong Kong

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No. 825

AUSTRALIAN LABORATORY SERVICES P/L

A.C.N. 009 936 029

ANALYTICAL REPORT

PAGE 4 of 4

CONTACT: MR. B EBZERY
CLIENT: B P AUSTRALIA
ADDRESS: OTEK AUSTRALIA PTY LTD
27/500 SEVENTEEN MILE ROCKS RD
SEVENTEEN MILE ROCKS QLD 4073

LABORATORY: ENV BRISBANE
BATCH NUMBER: EB20410
SUB BATCH: 1
No. OF SAMPLES: 14
DATE RECEIVED: 30/03/99
DATE COMPLETED: 07/04/99

PROJECT: B99063 BP WELLINGTON

CMD99030 K70905 8195

SAMPLE TYPE: SOIL

PROJECT: B99063 BP WELLINGTON

ORDER No.:

Method

Analysis description

Units

LOR

8-9/0.6m

8-9/1.0m

24/03/99

24/03/99

055

Moisture Content (dried @ 103°C)

%

0.1

24.3

20.9

EP-071-SS

TOTAL PETROLEUM HYDROCARBONS

mg/kg

2

<2

<2

C6 - C9 Fraction

mg/kg

50

<50

<50

C10 - C14 Fraction

mg/kg

100

<100

<100

C15 - C28 Fraction

mg/kg

100

<100

<100

C29 - C36 Fraction

mg/kg

100

<100

<100

080-SS

BTEX

mg/kg

0.2

<0.2

<0.2

Benzene

mg/kg

0.2

<0.2

<0.2

Toluene

mg/kg

0.2

<0.2

<0.2

Chlorobenzene

mg/kg

0.2

<0.2

<0.2

Ethylbenzene

mg/kg

0.2

<0.2

<0.2

meta- & para-Xylene

mg/kg

0.2

0.3

0.2

ortho-Xylene

mg/kg

0.2

<0.2

<0.2

0805-SS

VOLATILE TPH/BTEX COMPOUND SURROGATES

%

1

96

88

1,2-Dichloroethane-D4

%

1

83

93

Toluene-D8

%

1

92

94

4-Bromofluorobenzene

%

1

92

94

COMMENTS:

sch4p4(6) Personal information

This is the Final Report which supersedes any preliminary reports with this batch number.

• Results apply to sample(s) as submitted by client.

Brisbane
Phone: (07) 3243 7222 Fax: (07) 3243 7218
Sydney
Phone: (02) 9841 9500 Fax: (02) 9841 9530
Melbourne
Phone: (03) 9538 4444 Fax: (03) 9538 4400

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ORGANICS QUALITY CONTROL REPORT

BATCH No. : EB20410

DATE BATCH RECEIVED : 6/4/99

CLIENT : OTEK

DATE BATCH COMPLETED : 9/4/99

Method de	Test	Matrix	Method Reference		QC Lot Number	Date Samples Extracted	Date Samples Analysed
			Extraction	Analysis			
EP-071	TPH-Volatile	Soil	USEPA 5030 A	USEPA 8260A	VOCS2427	31/3/99	31/3/99
	-Semivolatile	Soil	Tumbler	USEPA 8015A	TPHT2427	1/4/99	1/4/99
EP-080	BTEX	Soil	USEPA 5030 A	USEPA 8260A	VOCS2427	31/3/99	31/3/99

BATCH QUALITY CONTROL

ALS EP-071 : Total Petroleum Hydrocarbons by Fractions

QC Lot No. : VOCS2427
MATRIX: Soil

ANALYST: M. O'LOUGHLIN

Volatile Components

COMPOUND	Level Of Reporting (LOR)	Blank Conc	Spike Conc	SPIKE RESULTS				Control Limits		
				SCS Conc	DCS Conc	Av. Rec.	RPD	Recovery (%)		RPD
				mg/kg	mg/kg	%	%	Low	High	%
C6-C9	2.0	<LOR	20	19.4	19.4	97	0	92	106	20

COMMENTS

- 1) The control limits are based on ALS laboratory statistical data. (Method QWI-ORG/06)
- 2) * : Recovery or RPD falls outside of the recommended control limits.

BATCH QUALITY CONTROL

ALS EP-071 : Total Petroleum Hydrocarbons by Fractions

MATRIX: Soil

ANALYST: MAT

QC LOT No.: TPHT2427

Semivolatile Components

COMPOUND	Level Of Reporting (LOR)	Blank Conc.	Spike Conc.	Spike Results				Control Limits		
				SCS	DCS	Av.	RPD	Recovery		RPD
				Conc.	Conc.	Rec.		%		
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	%	Low	High	%
C10-C14	50	<LOR	350	346	352	100	2	74	121	20
C15-C28	100	<LOR	420	442	452	106	2	77	140	20
C29-C36	100	<LOR	N/A	N/A	N/A	N/A	N/A	60	110	20

COMMENTS:

- 1) The control limits are based on ALS laboratory statistical data (Method QWI-ORG/07).
- 2) *: Recovery or RPD falls outside the recommended control limit.

BATCH QUALITY CONTROL

ALS EP-080 : BTEX ANALYSIS

QC Lot No. : VOCS2427
MATRIX : Soil

ANALYST: M. O'LOUGHLIN

COMPOUND	Blank Results	Spike Conc	QC SPIKE RESULTS				Control Limits		
			SCS	DCS	Av.	RPD	Recovery		RPD
			Conc	Conc	Rec.		Low	High	%
	mg/kg	mg/kg	mg/kg	mg/kg	%	%			
Benzene	<LOR	1.0	1.0	1.0	99	0	93	109	20
Toluene	<LOR	1.0	1.0	1.0	99	2	92	113	20
Chlorobenzene	<LOR	1.0	1.0	1.0	99	3	93	108	20
Ethylbenzene	<LOR	1.0	1.0	1.0	98	2	91	107	20
m- & p-Xylene	<LOR	1.0	1.0	1.0	100	2	91	108	20
o-Xylene	<LOR	1.0	1.0	1.0	103	1	90	108	20

COMMENTS :

- 1) The control limits are based on ALS laboratory statistical data. (Method QWI-ORG/07)
- 2) * : Recovery or RPD falls outside of the recommended control limits.

18-JAN-2000 10:36

OTEK BRISBANE

07 3279 5377 P.17
JAN 18 '00 11:57AM

Page 1

B) *Attn: Annie - OTEK.*

SAMPLE RECEIPT ADVICE

COMPANY: 8 P AUSTRALIA
ATTENTION: MR C DOIG
DATE: Mar. 31, 1999
FROM: Janine Hew, ENV BRISBANE

OTEK
MR. B. EBZERY.

ALS has received samples pertaining to your reference: CMD99063 K7090
For future reference the batch number on this order is: EB20410

All samples and paper work were received in good order.
Samples have been received within recommended holding times.
Samples chilled when received.
Samples received in appropriately pretreated and preserved containers.
Please direct any turnaround/technical queries to Paul VOGEL.
Any queries relating to sample condition/numbering/breakages should be directed to Justine lee.

Chain of Custody Reference Number: CMD99030
Project Name: BP-WELLINGTON POINT

You can expect results to be reported as detailed below:

All Environmental Results

Apr. 06, 1999

A L S - SERVICING YOUR NEEDS BETTER

CHAIN OF CUSTODY & ANALYSIS REQUEST

OTEK Australia Pty Ltd
377500 Seventeen Mile Rocks Road
Seventeen Mile Rocks, Qld 4073
(07) 3276 5266 Fax (07) 3276 5377



CMD99030 (K70905, 8195)

PROJECT # B99063		PROJECT NAME BP - WELLINGTON POINT		PROJECT MANAGER BRENDAN EBZERY		COLLECTOR BRENDAN EBZERY											
LAB AUSTRALIAN LABORATORY SERVICES		ADDRESS 32 SHAND STREET STAFFORD QUEENSLAND		LAB CONTACT PAUL VOGEL		PRELIMINARY RESULTS BY: (PAV) G/04/99		FINAL RESULTS BY: 13/04/99									
SAMPLE ID	LABORATORY NUMBER	SAMPLE DATE	# CONTAINERS	MATRIX SOIL	WATER	PRODUCT	BTEX	TPH	LEAD	As, Cr, Cd, Ni, Pb, Zn, Cu, Hg	OCOP	PAY	HOLD	ACIDIFIED	OTHER	ICE	REMARKS
S-1	1	21-5	1	X			X	X	X							X	-17B
QS-1	2		1	X			X	X	X							X	
B-1/0.7m	3		1	X			X	X	X							X	
B-1/1.2m			1	X									X			X	
B-1/2.2m			1	X									X			X	
B-2/1.5m	4		1	X			X	X	X							X	
B-3/0.5m			1	X												X	
B-3/1.0m	5		1	X			X	X	X							X	
B-4/0.5m			1	X												X	
B-4/1.0m			1	X									X			X	
B-4/1.3m	6		1	X			X	X	X							X	
B-5/0.5m	7		1	X			X	X	X							X	
B-5/1.8m	8		1	X			X	X	X							X	
B-6/0.7m	9		1	X			X	X	X							X	
B-7/0.2m	10		1	X			X	X	X							X	
B-7/0.75m	11		1	X			X	X	X							X	
B-8/0.7m	12		1	X			X	X	X							X	
B-9/0.6m	13		1	X			X	X	X							X	
B-9/1.0m	14		1	X			X	X	X							X	

FAX TRANSMISSION**Redland**Cnr Bloomfield & Middle Sts
Cleveland Qld 4163PO Box 21
Cleveland Qld 4163Telephone (07) 3829 8998
Facsimile (07) 3829 8765**To: OTEK****Attention: Brendan Ebzery****Fax: 3279 5377****From: Paula Kemplay****Your Ref:****Pages: 2****Our Ref:**

(Inc. this page)

Date: 18 January 2000**Approved:****Subject: Disposal of hydrocarbon impacted soil from BP at Wellington Point****Message:****Brendan**

I refer to your fax dated 17 January 2000 concerning the chemical analysis of soil from the BP at Wellington Point.

I confirm that Council will accept the 1000m³ of material (excluding material from sample B-1/0.7m which is contaminated with lead) at the Birkdale landfill located at 555-607 Old Cleveland Road East, Birkdale.

I understand that you wish to transport this material this week. The amount of material to be transported should be limited to 500m³ a day maximum with the last load being on site before 3.00pm. Wednesday and Thursday are the preferred days for receipt if possible.

The disposal cost will be \$62.00 per tonne. Please quote reference number 0096 when arriving on site as per attached form.

I will need to see a copy of the disposal permit issued by the EPA prior to the material being transported to site. Should you have any further enquiries please do not hesitate to contact me on 07 3829 8597.

Regards

sch4p4(6) Personal information

Paula Kernplay
Co-ordinator Waste **ment**

IF YOU DO NOT RECEIVE THE TOTAL NUMBER OF PAGES, PLEASE PHONE IMMEDIATELY ON (07) 3829 8899

IMPORTANT: The information contained in this facsimile is intended for the named recipient only and the contents thereof may be privileged and confidential. Any unauthorised use, including copying or disclosure to any other party is strictly prohibited. If you have received this facsimile in error please notify Council immediately by telephone (reverse charges) and then destroy the facsimile.

REFERENCE NUMBER.....0096.....

**SPECIAL WASTE /SUPERVISED WASTE BURIAL ADVICE NOTICE TO
WEIGHBRIDGE AT BIRKDALE LANDFILL**

This notice is to confirm that the following waste has been approved by Redland
Shire Council for disposal at Birkdale landfill:

Contaminated Soil	Waste Type (i) (description)
BP at Wellington Point	Waste Source (site)
1000m ³ over 2 days	Waste Quantity
OTek contractor	Waste Transporter
N/A	Licence Number(ii)
EPA	Authorising Authority
by 24 January 00	Date and approximate time of disposal
\$62 / tonne	Applicable Fee
<u>Authorised on behalf of Redland Shire Council by</u>	
Paul Kenney	(name)
18/1/2000	(date & time)
<u>Form acknowledged on behalf of Site Contractor by</u>	
	(name)
	(date & time)

Note: (i) if asbestos is to be disposed, initial here to confirm that the transporter has
been advised of the acceptance criteria for Birkdale. N/A

(ii) if waste transporter does not have a current licence refer to Co-ordinator
Waste Management.



CURRENT TITLE SEARCH

DEPT. OF NATURAL RESOURCES, QUEENSLAND

Request No: 729343
Search Date: 17/01/2000 11:52 am

Title Reference: 17008142
Date Created: 11/03/1987

Previous Title: 15697146
16331215

REGISTERED OWNER

PETER DONALD BARR
PAUL BARR

JOINT TENANTS

ESTATE AND LAND

Estate in Fee Simple

LOT 1 REGISTERED PLAN 212853
County of STANLEY

Parish of CAPALABA

EASEMENTS, ENCUMBRANCES AND INTERESTS

1. Rights and interests reserved to the Crown by
Deed of Grant No. 19507092 (POR 73)
2. MORTGAGE No 602348310 (J552942X) 27/07/1988
TO NATIONAL AUSTRALIA BANK LIMITED

ADMINISTRATIVE ADVICES - NIL
UNREGISTERED DEALINGS - NIL

CERTIFICATE OF TITLE ISSUED - Yes

Certificate No. 1

Caution - Charges do not necessarily appear in order of priority

** End of Current Title Search **

Requested By: External Token

RT12853 RP212853 REGISTERED

WARNING - FOLDING OR MUTILATING WILL LEAD TO REJECTION - PLAN MAY BE ROLLED

212853

PLAN MUST BE DRAWN WITHIN BLUE LINE

212853

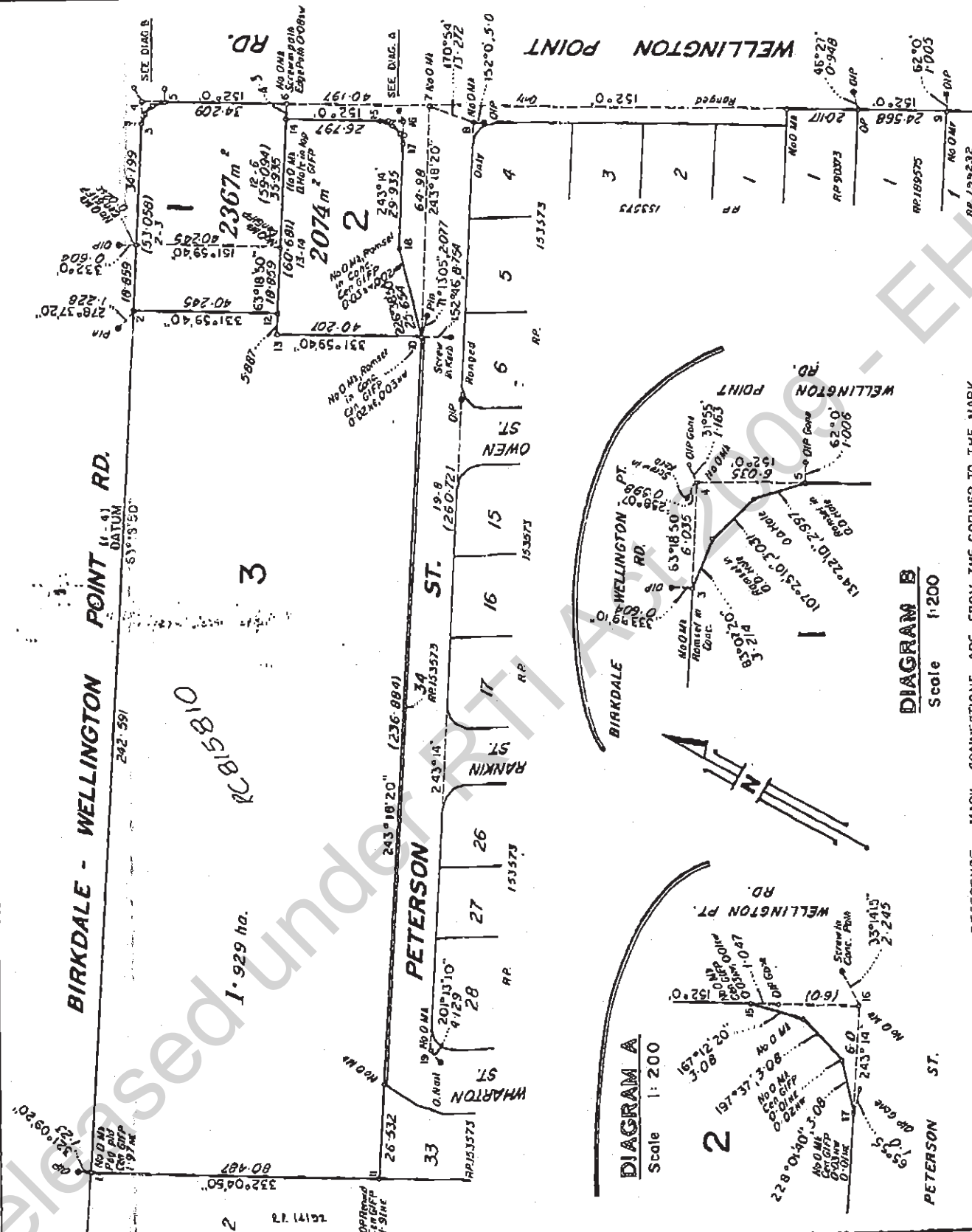


DIAGRAM B
Scale 1:200

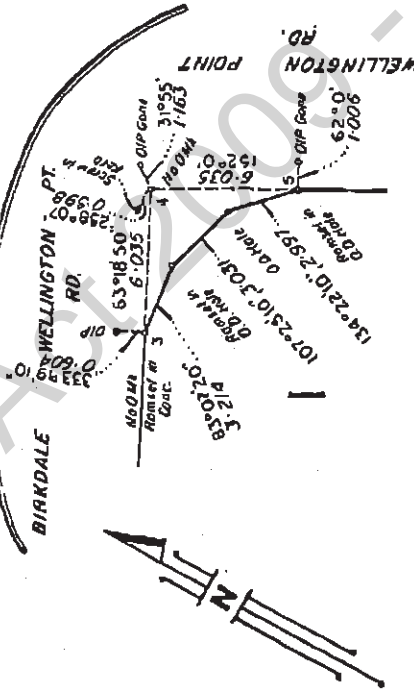
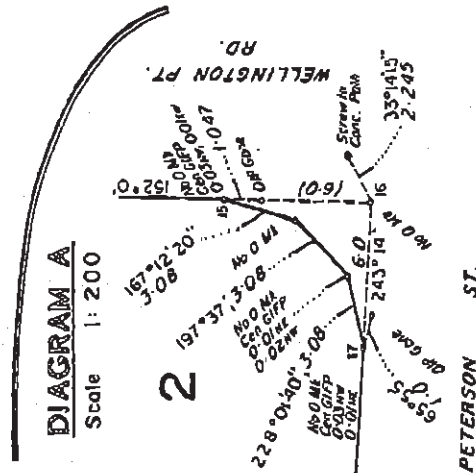


DIAGRAM A
Scale 1:200



<p>NO. 1110 NOTED</p> <p>ORIGINAL GRANT</p> <p>2074</p>		<p>PLAN OF LOTS 1-3</p> <p>Cancelling Lot 1 on RP153577 and Lot 1 on RP184474</p>		<p>ORIG. PORTION...73</p> <p>TOWN</p> <p>PARISH...CAPALABA</p> <p>COUNTY...Stanley</p> <p>REGISTERED</p>	
<p>MAP REF. Waterloo Bay Pt. A-B</p>		<p>PROCLAIMED SURVEY AREA</p>		<p>SURVEYED BY P. VASSALLO</p> <p>.....(P. 1988)</p>	

CROWN COPYRIGHT RESERVED. REGISTRAR OF TITLES, QUEENSLAND



Belinda Ingpen

From: "Doig, Chris M" <DoigCM@az1.bp.com>
To: "Belinda Ingpen (OTEK)" <bingpen@otek.com.au>
Sent: Wednesday, 2 August 2000 10:58
Subject: Wellington Point

18/0100

Dear Belinda

BP Australia confirms that soil (approximately 300m³) that was excavated from the BP Service Station at Wellington Point was received at the Former BP Depot Bundamba for remediation. The soil was consequently remediated by landfarming at the Bundamba Site. The soil will be used as backfill at the Bundamba site to fill void space left after the removal of underground storage tanks at that site. As OTEK are contracted to supervise the remediation of Bundamba Depot I expect that the validation results for the soil from Wellington Point will be reported in the Bundamba Remediation and Validation Report.

Regards

Christopher Doig

BP Australia Limited

Environmental Manager - Qld/NT

Phone +61(7) 3364 7155 Fax +61(7) 3364 7102 Email doigcm@az1.bp.com

**CONTAMINATED
LAND SECTION**
04 AUG 2000

2/08/00



ASSESSMENT #: 7606A

PAGE#: 9

SITE NAME: BP WELLINGTON POINT
ADDRESS: 402-406 MAIN RD IS CORRECT
LOT 1 RP 212853 IS CORRECT

VOLUME FUEL STORED: SUP 1* 17800L UG
SUP 1* 43800L UG
ULD 1* 33000L UG
(P) ULD 1* 4500 UG
ZOOM 1 * 4500 AG
DISL 1* 9800L UG
DIEL 1* 27600L UG
KERO 2* 650 AG

Add to
Comments

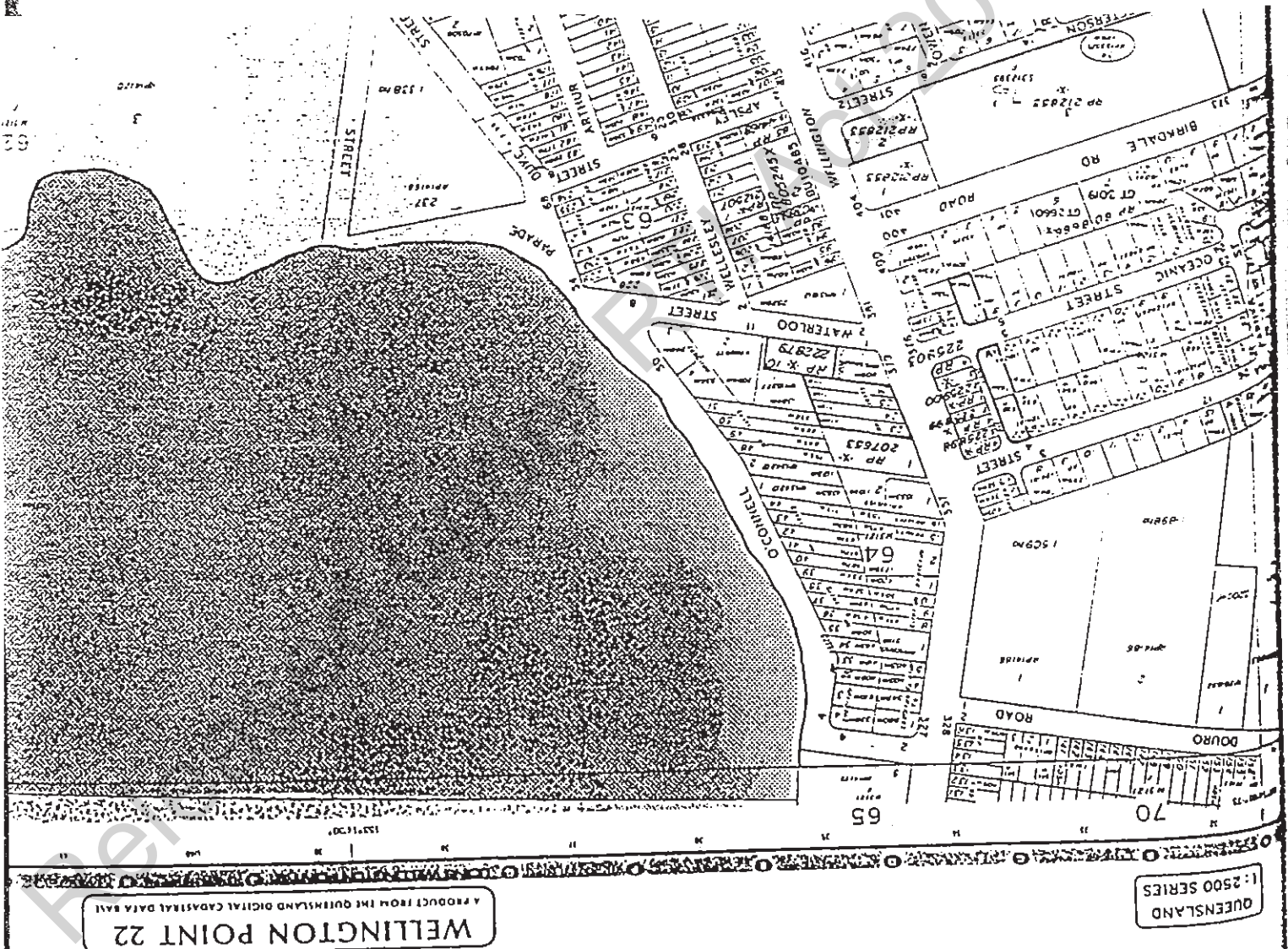
sch4p4(6) Personal information

11/6/95

UPDATED
034-014309
09/06/95

sch4p4(6) Personal information

SEE MAP



QUEENSLAND
1:2500 SERIES

WELLINGTON POINT 22
A PRODUCT FROM THE QUEENSLAND DIGITAL CADASTRAL DATA BANK

REDLAND SHIRE COUNCIL

Box 21 Cleveland 4163 Queensland
Phone 286 8686 Fax 286 8765



Your Ref:-
Our Ref:- 435-22(700-01)PK/11
Contact:- Mr P.W. Kennedy

7606A

Mr David Miles
Director Waste Management Branch
Department of Environment & Heritage
P O Box 155
BRISBANE Q 4002

Dear Sir

034-614309

sch4p4(6) Personal information

NOTIFICATION OF POSSIBLE CONTAMINATED LAND SITE

Local Authority Area: REDLAND SHIRE COUNCIL

Information provided by:-

Name: HEALTH AND COMMUNITY SERVICES DIRECTORATE

Contact Telephone No: 286 8595

Organisation: REDLAND SHIRE COUNCIL

Address: PO BOX 21

CLEVELAND

Postcode: 4163

Name by which the property is known locally:-

Location:-

Street Address

Town/Suburb

R.P. No.

✓ Lot 1 No 402-406 Main Road

Thamlands Postcode

212 8531

Land Titles Register Volume and Folio Number for each parcel (see also above remarks in brackets concerning multiple land parcels).

?
X
Lot 3 OP 73 - has a valid plan

REDLAND SHIRE COUNCIL

Box 21 Cleveland 4163 Queensland
Phone 236 8686 Fax 236 8765

IVAS confirms one has a plan to site.
lot 3 not on
other worksheet
not on Update
not on CSR/D.
error?
ask council.

7008: 142

Queried with Council 14/9/94

- 2 -

Name and Postal Address of Owner:-

Name: * MR P + P Barr
Address: * Corner Main + Birkdale Roads
* Wellington Point
Postcode: * 4160

Description of the source of the suspected contamination or the prescribed purpose for which the land is or has been used (a short description of the land use or cause of contamination).

Service Station

Area of each parcel in square metres (this information is useful as a cross-check on the land description details):-

_metres 0.2243 _ha

Current local authority zoning of the land:-

~~Residential~~ Commercial

Attached for your information please find -

- (a) a regional map depicting the proximity of the site; and
- (b) a locality map depicting the site location.

Should you require further information please contact Mr Peter Kennedy by telephoning 286 8595.

Yours faithfully

E P Cleary
Director Health and Community Services



CONTRACT

Your Ref:-
Our Ref:- 435-22(700-01)PK/**
Contact:- Mr P.W. Kennedy

✓ 7606A

Mr David Miles
Director Waste Management Branch
Department of Environment & Heritage
P O Box 155
BRISBANE Q 4002

Dear Sir

034-614309

sch4p4(6) Personal information

NOTIFICATION OF POSSIBLE CONTAMINATED LAND SITE

Local Authority Area: REDLAND SHIRE COUNCIL

Information provided by:-

Name: HEALTH AND COMMUNITY SERVICES DIRECTORATE

Contact Telephone No: 286 8595

Organisation: REDLAND SHIRE COUNCIL

Address: PO BOX 21

CLEVELAND

Postcode: 4163

Name by which the property is known locally:-

* Barr

Location:-

Street Address

Town/Suburb

✓ R.P. No.

Lot 1

* 402-406 Main Road

* Wellington Point Postcode

* 212853

Land Titles Register Volume and Folio Number for each parcel (see also above remarks in brackets concerning multiple land parcels).

7008:142

Lot 1 OP 73.

REDLAND SHIRE COUNCIL

Box 21 Cleveland 4163 Queensland
Phone 286 8686 Fax 286 8765

Name and Postal Address of Owner:-

Name: * Mr P. Barr + Mr P.D. Barr
Address: * CRR Main + Burkdale Roads.
* Wellington Point
Postcode: *

Description of the source of the suspected contamination or the prescribed purpose for which the land is or has been used (a short description of the land use or cause of contamination). Service Station

Area of each parcel in square metres (this information is useful as a cross-check on the land description details):-

_metres 0.23670_ha

Current local authority zoning of the land:-

Commercial

Attached for your information please find -

- (a) a regional map depicting the proximity of the site; and
- (b) a locality map depicting the site location.

Should you require further information please contact Mr Peter Kennedy by telephoning 286 8595.

Yours faithfully

E P Cleary
Director Health and Community Services

s.73

LGA : REDLAND S.C.
Site Name: BP WELLINGTON POINT
Location : 402-406 MAIN ROAD,
WELLINGTON POINT 4160
Lot : 1 on Plan: RP212853 V
Volume : S7008 Folio: 142
OwnerName: MR PAUL AND PETER BARR
OwnerAddr: CNR MAIN & BIRKDALE ROADS
WELLINGTON POINT 4160

Area : 23670sq. metres
Current Use: 2231 Past Use: 2231

Comments : FLAMMABLE AND COMBUSTIBLE LICENCE

s.73



Queensland Department of Environment and Heritage

160 Ann Street, Brisbane QLD 4000 • PO Box 155 • BRISBANE ALBERT STREET QLD 4002

Dear landowner/occupier,

Since European settlement industry, farming, building and recreation activities have affected our land, our streams and our underground water.

We know little about how much contamination has resulted nor how serious the problem is for us. Publicised incidents such as the dumping of toxic waste at Kingston, south of Brisbane, have increased community concerns. Increasingly, there is also rejuvenation of previous industrial sites for new uses such as housing or commerce. Past practices have sometimes resulted in contamination of the ground by potentially hazardous chemicals.

To help authorities, landowners and prospective land buyers a Register of sites, classes 'contaminated' is being compiled. Common sense and the need to protect our health, our lifestyle and our environment suggest that these sites be examined and assessed before any rezoning, development, subdivision or changed use.

Those activities thought most likely to contaminate a site are listed on the back of this sheet. Any local authority knowing of land that has been used for one of these activities has been required under the provisions of the Contaminated Land Act to notify the Queensland Department of Environment and Heritage so that the site can be entered onto the Register. Your council has advised this Department that the land identified on the attached form has been, or is being, used for one of the listed activities.

As the land details are possibly incomplete or inaccurate, would you please take time to check them **before** the land is considered for listing on the register. Any initial queries you have should be made to your local authority who may have some historical information on the land use that is not known to you. Incorrect or omitted items should be noted on this form for return to the Queensland Department of Environment and Heritage by 27 August 1993.

If you feel the property should not be listed on the register, please state your reasons in the space provided below and return it so Department officers can make further checks.

If the form is not returned, we will assume the information is correct and the property will be added to the Contaminated Sites Register. Should the entry be proved incorrect in future, changes can still be made at anytime.

Please return this information to: Reply Paid 13
Registrar, Contaminated Land
Waste Management Branch
Department of Environment and Heritage
PO Box 155
BRISBANE ALBERT STREET QLD 4002

Lot number 1
Plan number RP 212853
Street address 402-406 MAIN RD
WELLINGTON PT 4160
Owner's name PAUL & PETER BARR

ONCSR ✓

Reasons for property not to be listed on the Contaminated Sites Register

FUEL TANKS HAVE BEEN TESTED - NO LEAKAGE AT ALL
DAILY DIP DONE - SHOWS NO LEAKAGE
CONCRETED OVER

Prescribed purposes

Agricultural fertiliser manufacture
 Asbestos production and manufacture
 Battery manufacture and recycling
 Chemical manufacture and formulation
 Chemical storage in excess of a total of 10 tonnes
 Commercial waste storage or treatment of chemicals
 Defence establishments and training areas
 Drum reconditioning wastes
 Dry cleaning establishments
 Electroplating
 Explosives production and storage
 Fuel depots and storage areas
 Galvanisers
 Gas works
 Gun, pistol and rifle clubs
 Hazardous waste landfills
 Industrial cleaners
 Lime burners
 Metal foundries
 Metal sprayers
 Metal treaters and picklers
 Mining and extractive industries
 Paint manufacture and formulation
 Pest controllers being areas where pest control
 Pesticide manufacture and formulation chemicals are stored
 or vehicles and tanks used in connection with pest control are washed
 Petroleum and petrochemical industries
 Pharmaceutical manufacture and formulation
 Printers
 Railway yards
 Sanitary landfill sites
 Scrap yards
 Service stations
 Smelting and refining
 Tannery or fellmongery or hide curing works
 Wood treatment and preservation sites
 Stock dips and spray yards
 Wool scours
 Grit or sand blasting
 Ship and boat yards

CONTAMINATED LAND**Preliminary Site Investigation
Proforma**

Site Address: 402-406 Main Road
Wellington Point

Owner: _____

Lot 1 RP 212853

(Each lot and plan should have its' own preliminary site report)

Assess no. 7606A

Owner Contacted (verbal/written/telephone) _____

Spoke to owner/manager
BP service station

Site History

Questions/	Y - yes N - no N/A - not applicable	Comment
Are there any aerial/ ground/ site photographs to show how the site has changed over time, with respect to topography and land use? Please attach		
Are there any topographical/ geological maps?		
sewer/underground service maps?		
Local literature, eg. newspaper clippings, Council reports?		

Interviews with Knowledgeable People (site owners, employees, residents)

1) What significant industries have operated on site? - 2231.

farm. then service station / workshop for 30+ years.

2) Do/Have any of the processes used produced contaminants?

fuels storage - oil batteries.

3) For each process fill in as appropriate

3.1) Relative location of processing on site (add to site map)

3.2) Raw materials that would be regarded, if spilled or disposed on site, as significant contaminants and where and how were they stored ? (add to site map)

fuels - underground tanks
oils - storage holding tanks.

3.3) Is/was there any end products that would be regarded as significant contaminants and where and how were they stored? (add to site map)

in appropriate tanks.

3.4) Positions of other storage vessels, eg. above or underground tanks. (add to site map)

3.5) Any signs or reported leakages or spills on site? (add to site map)

NO

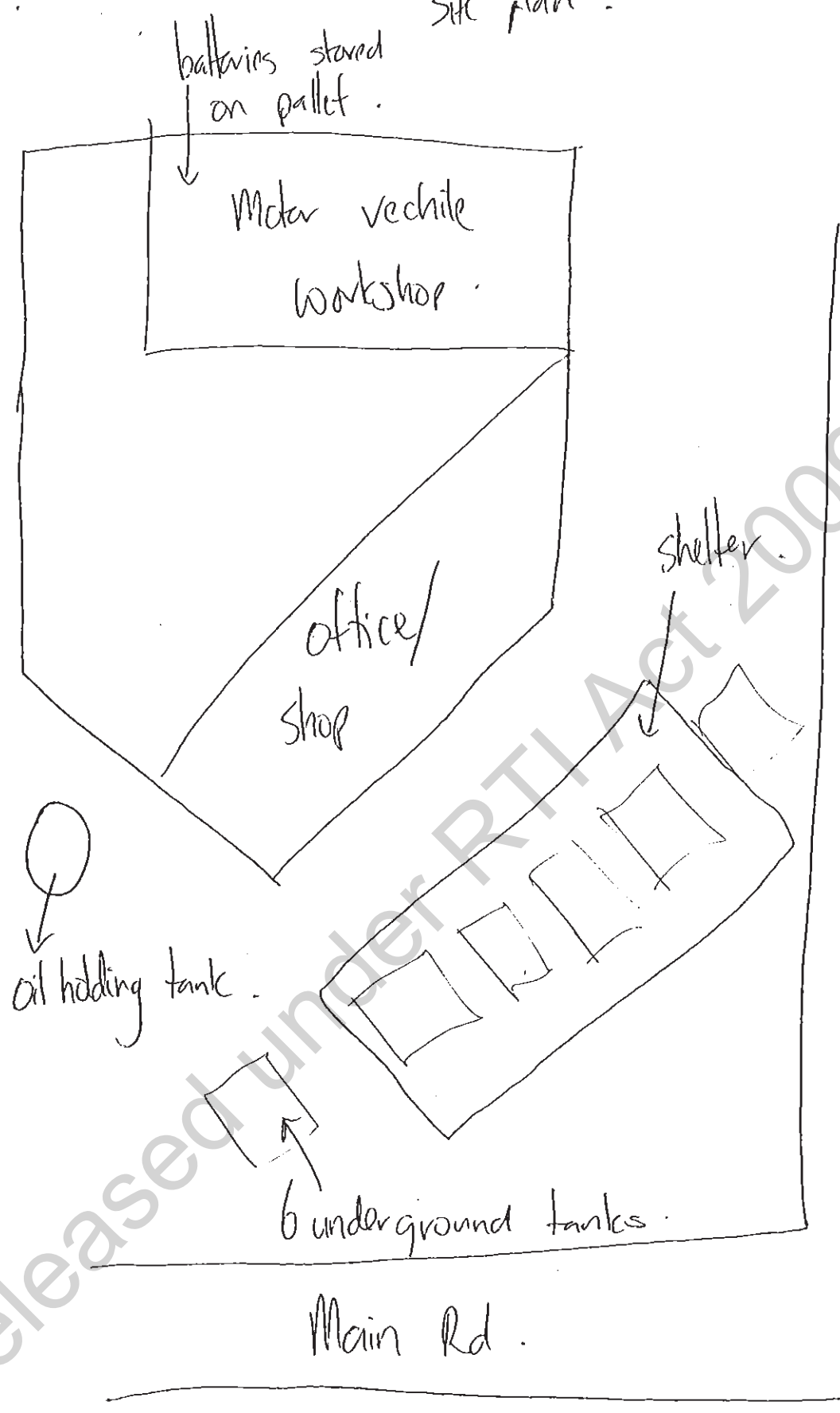
4.0) Have any earth moving activities occurred on site and, if so, what is the source of any fill imported to the site? (add location to site map)

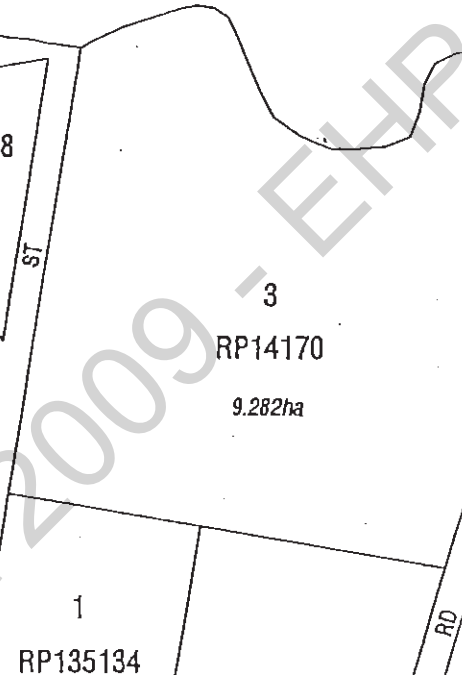
NO.

4.1) Where was contaminated soil taken to?

5.0) What are the locations of any discharges to land or is there any evidence of land used for waste (solid/liquid) disposal? (add to site map)

Site plan .





Site Inspection

Surface Features

What is the general topography of the site and adjacent land?

flat

What is the relationship to nearby sites, watercourses, etc.?

stormwater

Describe the site drainage? (add to site map)

stormwater

What are the visible soil types located on site?

normal topsoil in gardens

Are earthworks apparent? Y/N

Comment:

Visual Inspection

Is there any disturbed or discoloured soil or vegetation on site? Y/N

Comment:

Is there any noticeable odours emanating from the site? Y/N

Comment:

Is there any evidence of holding tanks, underground tanks, chemical containers etc.? Y/N

Comment: yes - underground tanks -
oil holding tank - above ground

Is there any evidence of site remediation? Y/N

Is there any visible signs of surface contamination? Y/N

Reports, Sampling and Analysis

Are there any geophysical surveys done? Y/N File Number: _____
or attach if not held by Council.

Has any field analysis been carried out ie. soil, gas or radiation? Y/N
File Number _____ or attach if not held by Council

Has any other analysis or sampling been carried out? Y/N
File Number _____ or attach if not held by Council

General Comments

Manager appeared to be very conscious of
preventing packages and spills.
Very clean and neat site.

Officer's Signature _____ sch4p4(6) Personal information

Date 28.12.95