

Memorandum

old (oust-U)

To File EMR Site ID: 40286
File Reference 90965

From Rouise Gilheenan

Subject Objection to listing land on emr Date 19/10/02

6 Avalon Parade, Miami Notes
site = Lot 634 RP 41587 area = 814m²
owner = Gianna (Aust) Pty Ltd

✓ checked
Quay at base
2 d/102

Schedule 4 - signature

Mar 99

Preliminary Site Investigation report
prepared by Environautics - Richard
Birt (suitably qual'd) & Mark Dekker.

& Richard Birt
hasn't signed
report.
Mark has.

History: bushland → 1969
1969-1980 owned by Mr Duppelmann
used for warehouse & factory.
current buildings present since 1979.
1980 → ? auto wreck

* Tank installed after 1980

Site: entirely covered building & concrete.
- no indication of spills.

Geology / hydrogeology: at tank location
1-2m gravel drainage layer, sand
then clay
- no groundwater encountered to depth
of excavation (✓ had rained recent to
investigation).

Sampling:

1x UST @ 1500L

- samples taken from excavation
immediately after tank removed.
- pit = 2m x 1.2m x 1.2m.
- 4 samples taken - one from
each wall (Depth = 1-1.2m).
- all analysed for TPH, BTEX & Pb.

L634/RP41587-
I.D. - 40286 deleted
23/10/02.

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* base of pit
not sampled.

Memorandum

(2)

To _____ File Reference 900965

From _____

Subject _____ Date _____

Results - all < LOR with exception
of one Pb @ 6 mg/kg.

Report Recommendation - removal from EME
QA/QC - Chain of Custody & S.R.A. received & OK.
Results transcribed correctly.

Queries:

- use of site since 1999?
- F&C licence details from GCCC -
check only record of one tank.

~~tank was removed - only~~
~~indicated one~~

Spoke to Kim Barry 17/10/02
concerns:

- no sample taken from beneath
tank
- no info re location of bowser/
lines

insufficient information to
demonstrate that no contam.
remains on site.

Lot will require listing on EME
until sufficient info provided
in accordance with EPA Act / Guidelines
to demonstrate land is suitable
for any use.

~~No contact phone no.
for owners~~

Melissa Morris
GCCC will call
back 16.10.02
after checking
Council F&C files.

→ site currently
used for a motor
vehicle workshop.

Council have no
F&C records for
the site.

Council officer will
be doing inspection -
prob. today.

Melissa will send
me an e-mail
with any further
details.

- see attached.

Discussed with
Greg O'Brien.
Greg believes that is
very low risk &
land will not
require listing
on EME.

File Note

17/10/02 Small tank 1500L

removed & no evidence
of TPA contam. Not a servo so
no other tanks. Report not to full

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17/10/02

Small tank 1500L

removed & no evidence
of TPA contam. Not a servo so
no other tanks. Report not to full

Schedule 4 - signature

23/10/02

Schedule 4 - signature

~~For information only~~

so

~~Yes~~

I had a chat to
Greg re this.
He doesn't consider
that it and requires
listing on EMR.

Schedule 4 - signature

Louise Gilshenan

From: MORRIS Malissa [MMORRIS@goldcoast.qld.gov.au]
Sent: Wednesday, 16 October 2002 5:02 PM
To: louise.gilshenan@epa.qld.gov.au
Subject: Information on Lot 634 RP 41587 4 Avalon Pde

Louise,

In reference to your request for information on Lot 634 RP 41587 4 Avalon Pde Miami, I have checked Council Records, which seem to indicate that there is a Motor Vehicle Workshop currently operating which extends across both Lot 633 and Lot 634 on RP 41587. There is no record that there is or ever has been any fuel storage on the site. Council records also confirm that there is no record that there is or ever has been a Flammable and Combustible Liquids Licence held on this site.

A site investigation by Environmental Health Officer Chris Macmillan on the 16th October, 2002 confirmed that there is no evidence of fuel storage on the site. However, she was speaking to the people who currently run the Motor Vehicle Workshop and they said that they had heard that was a tank on the site and they showed her where the underground tank was, however this has now been covered by new concrete and there is no evidence that there was an underground tank ever there.

Should you require any more information please email or call me.

thanks,
Malissa Morris
Gold Coast City Council
Health Services
Ph 07 5581 6140 Fax 07 5581 6219



This e-mail and its contents is confidential to Gold Coast City Council
and un-authorised use is strictly prohibited.

16 September 2002

Site ID: 40286

File Number:

Enquiries to: Contaminated Land Unit

Telephone: (07) 322 58487

GIANNA (AUST) PTY LTD AS TTE
PO BOX 1389
BROADBEACH
QLD 4218

NOTICE OF CONSIDERATION OF LISTING LAND ON THE ENVIRONMENTAL MANAGEMENT REGISTER

In accordance with section 373 of the *Environmental Protection Act 1994 (EP Act)* notice is given that the parcel of land described below is being considered for inclusion on the Environmental Management Register (EMR).

Lot: 634 Plan: RP41587
GOLD COAST CITY COUNCIL

4 AVALON PARADE
MIAMI 4220

The Environmental Protection Agency (EPA) has been notified that the parcel of land has been used for the following notifiable activities or affected by the following hazardous contaminants pursuant to section 373 of the *EP Act*. Notifiable activities are mainly industrial/commercial activities that have been known to cause contamination of land and refer to both past and current activities.

SERVICE STATIONS - operating a commercial service station.

You may make a submission relating to this notice about whether or not the land has been, or is being used, for a notifiable activity or is contaminated land. Submissions must be accompanied by a statutory declaration by the owner, declaring that the owner:

- (i) has not knowingly included any false or misleading information in the submission; and
- (ii) has given all relevant information to the administering authority.

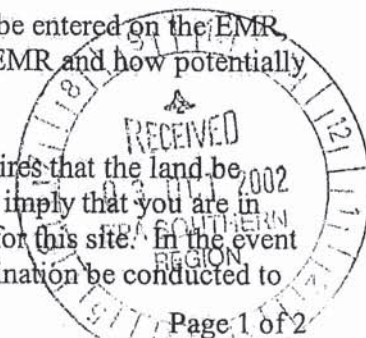
Submissions should be lodged with the EPA within 30 days after receipt of this notice. Your submission must be received no later than Monday, 21 October 2002.

After this date, if no submission has been received from the owner, the land will be entered on the EMR, in accordance with section 374 of the *EP Act*. The enclosed leaflet explains the EMR and how potentially contaminated land in Queensland is managed.

Please note that the listing of a site on the EMR does not mean that the EPA requires that the land be investigated and remediated, or that it is unsuitable for its current use, nor does it imply that you are in breach of any conditions set out in any existing Environmental Authority issued for this site. In the event that the site is redeveloped, the EPA may require that remediation of any contamination be conducted to

THIS site has been
cleared and
decontaminated.
Please see report
Also please confirm
finding

Regards
GIANNA



REPORT ON

**PRELIMINARY SITE INVESTIGATION
LOT 634, RP 41587
AVALON PARADE
MIAMI QLD 4220**

PREPARED FOR

**CONSTANTINE DEVELOPMENT PTY LTD
PO BOX 1315
SOUTHPORT QLD 4217**

PREPARED BY

**RICHARD BIRT
PRINCIPAL ENGINEER
ENVIRONAUTICS PTY LTD**

And

**MARK DEKKER
ENVIRONMENTAL SCIENTIST
ENVIRONAUTICS PTY LTD**

**MARCH 1999
PROJECT No. 50750
OUR REF: 50750-1.REP**

**PRELIMINARY SITE INVESTIGATION
LOT 634, RP 41587
AVALON PARADE
MIAMI QLD 4220**

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**REPORT ON PRELIMINARY SITE INVESTIGATION
LOT 634, RP 41587
AVALON PARADE
MIAMI QLD 4220**

1.0 INTRODUCTION

Environautics Pty Ltd has been commissioned by Constantine Developments Pty Ltd to undertake a Preliminary Site Investigation at 6 Avalon Parade, Miami.

The property has recently been purchased by Constantine Developments Pty Ltd. The property was listed on the Environmental Management Register (EMR) as a result of a Council inspection of the site. During the inspection a concrete pad (see Attachment III) adjacent to one of the factories on the site was noted by the council inspector to possibly be associated with an underground fuel tank.

The purpose of this report is to facilitate the removal of the site from the Environmental Management Register (EMR).

This report shall show that an underground fuel tank (approximately 1500L) was present. That the tank was removed from the site and samples were taken from each of the walls once the tank had been removed. The samples taken were tested for Total Petroleum Hydrocarbons (TPH), Benzene, Toluene, Ethyl-Benzene and Xylene (BTEX) and Lead.

2.0 SITE INFORMATION

2.1 Site Location and Description

The subject site is located at 6 Avalon Parade, Miami QLD 4220, in an industrial area. The owner of the site is Constantine Developments Pty Ltd. Currently the site contains vacant factories/warehouses.

The site is registered as:

Lot 634 on RP 41587
Parish Gilston
County Ward

The local government authority is the Gold Coast City Council. The site is situated in an industrial area. The land is zoned light industrial. To the south, west and north of the site are similarly styled small factories warehouses and workshops. To the east is Avalon Parade and beyond that is a landscaping supply company.

2.2 Site History

The site existed as natural bushland until approximately 1969 when purchased by a Mr V.J. Dippelsman. Mr Dippelsman had purchased the former Southport railway station structure and placed it on the site to be used as a warehouse and factory. In approximately 1979 the old structure was removed and replaced by the factories present on the site today. Mr Dippelsman who was the site owner until 1980 installed no underground fuel tank on the site. Since 1980 the site had been used as both an auto wrecker and bus-servicing center and it is considered that during this period an underground fuel tank was installed on the site. The factories are currently vacant as the new owner (Constantine Developments Pty Ltd) is undertaking renovations prior to leasing out the factories.

2.3 Site Inspection

A site inspection was conducted by Mr Mark Dekker of Environautics Pty Ltd on the 24th of February 1999. The site was completely developed. The site consists of a single structure separated into three individual factories. The factories are positioned on the site boundary (and share a wall) on the southern and western side. The remainder of the site is a bitumen parking area/driveway. On the northern side of the western most factory was a concrete pad approximately 300mm thick with several pipes protruding from it. The concrete pad had dimensions of 2.2m x 1.5m.

A drain leading to stormwater was situated adjacent to the wall on the western boundary. There was no staining of the bitumen surface outside the factories and the factory floors did not show staining likely to be associated with a fuel or oil spill.

2.4 Geology and Hydro-geological

As the extent of excavation required to remove the underground fuel tank was minimal only a limited indication of the site geology was obtained. The excavation down to a depth of 1.2m revealed a top drainage layer of gravel followed by sand and finally clay.

As the entire site was covered in either bitumen or concrete with no significant staining evident, it was considered unnecessary to further excavate the site.

Due to recent heavy rains the soil was very moist no water table was evident at the depth of excavation.

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3.0 SAMPLING

The site, subject to this investigation, contained an underground fuel storage tank with a capacity of approximately 1500L. Sampling therefore focussed on the area from where the tank was removed. As soon as the tank was lifted from the ground several samples were taken along the walls of the excavated pit. The excavated pit was estimated to have dimensions of 2m x 1.2m x 1.2m. A sampling depth of 1 to 1.2m was chosen because should the tank have leaked fuel it would be evident in samples taken from this area.

Four samples were taken one from each of the walls of the excavation pit. Depth of sampling was dependent on the depth of the bottom of the excavation as samples were taken from the bottom of each of the walls.

Samples were obtained using a stainless steel sampling trowel. The samples were then placed into acid washed, solvent rinsed glass jars and transported chilled, to a NATA registered laboratory. The following analyses were undertaken:

- TPH;
- BTEX; and
- Lead.

The sampling program aimed to identify the presence of contaminants that were possibly associated with the presence of an underground fuel tank. It was not clear what fuel was stored in the tank therefore lead was included for analysis.

4.0 CHEMICAL ANALYSES

The chemical analyses listed above were carried out at Australian Government Analytical Laboratories, a NATA registered laboratory.

Methods used are detailed in Attachment II containing the analytical results.

5.0 QUALITY ASSURANCE

5.1 Sampling

Sampling was undertaken in accordance to the sampling requirements as stated in the "Australian and New Zealand Guidelines for the Assessment and Management of Contaminated Sites- January 1992"

Samples were obtained by using a stainless sampling trowel to obtain samples from the walls of the excavation.

The trowel was cleaned with a solution containing Liqui-Nox® prior to the sampling at each sampling point.

The number of samples taken is considered sufficient to establish a representative profile of soil characteristics of the subject site.

5.2 Storage And Transport

Samples were placed in acid washed solvent rinsed glass jars. The jars were then labelled, dated, placed into an ice box and chilled with freezer bricks.

The samples, once collected were transported immediately to a NATA registered laboratory by an Environautics employee.

5.3 Documentation

Samples were accompanied at all times by Chain of Custody documents.

The Chain of Custody documentation clearly detailed:

- the origin of sample;
- the name of the sampler;
- the date of sampling;
- the sample identification;
- the number of samples;
- the person responsible for transport;
- the preservation method; and
- the analyses required.

A sample receipt notification was obtained from the NATA registered laboratory stating that the samples were received in a satisfactory condition.

6.0 RESULTS

Listed below are the results of chemical analyses conducted on soil samples taken from 6 Avalon Parade, Miami.

TABLE 1: Summary of TPH, BTEX and Lead Concentrations

Sample	Depth (m)	Benzene	Toluene	Ethyl Benzene	Xylene	Total Petroleum Hydrocarbon				Lead
						C ₆ -C ₉	C ₁₀ -C ₁₄	C ₁₅ -C ₂₈	C ₂₉ -C ₃₆	
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Limit of Reporting		0.5	0.5	0.5	1.0	25	50	100	100	5
AP-a		<0.5	<0.5	<0.5	<1.0	<25	<50	<100	<100	<5.0
AP-b		<0.5	<0.5	<0.5	<1.0	<25	<50	<100	<100	<5.0
AP-c		<0.5	<0.5	<0.5	<1.0	<25	<50	<100	<100	6
AP-d		<0.5	<0.5	<0.5	<1.0	<25	<50	<100	<100	<0.5
DEH Environmental Investigation Threshold Limits	1	ns	ns	ns	ns	ns	ns	ns	ns	300

ns = None Stated

Samples exceeding DEH Environmental Investigation Threshold Limits are shaded.

7.0 CONCLUSION AND RECOMMENDATIONS

The results of the samples collected indicate no evident contamination above the Threshold Levels for Environmental Investigation reported in the Department of Environment *Draft Guidelines for the Assessment & Management of Contaminated Land in Queensland May 1998*.

It is therefore recommended that this report be submitted to the Environmental Protection Agency, Contaminated Sites Section for consideration with respect to the removal of Lot 634 on RP 41587 from the Environmental Management Register.

Prepared By

Schedule 4 - signature

Mark Dekker
Environmental Scientist

Reviewed By

Richard Birt
Principal Engineer

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LIMITATIONS OF REPORTING

This report has been prepared for Constantine Developments Pty Ltd in accordance with generally accepted engineering theory and practice. Warranties for the recommendations or professional advice outlined in this report were not expressed, implied or considered by the Client.

This report shall, therefore be used for the purpose of the clients "Due Diligence" requirements and shall not be used for purposes of other parties or for other uses.

It should be noted that any amendments made to this report should be made in consultation with Environautics.

The contents of this report were based on Environautics' best knowledge at the time of preparation, of subsurface conditions, including contamination levels may have changed from that time.

Representation of the full extent of contamination is limited to the measurements and values obtained from sampling and testing during the investigation stage, and therefore values exceeding these limits are possible.

RTI DL RELEASE

ATTACHMENT I
SITE LAYOUT/ SAMPLE LOCATIONS

RTI DL RELEASE - EHP

NOTES:

Environautics Pty Ltd

P.O. Box 2324

BRISBANE QLD 4001

Telephone: (07) 3369 9755

Facsimile: (07) 3369 5122

Client: Constantine Development

Address: PO Box 1315

Southport QLD 4215

Phone:

Fax:

Overall Site Layout

Drawn: Mark Dekker

Scale: N.T.S.

Drawing Number: 50750-1



North

Avalon Parade

10.06m

Lot 632

Lot 633

40.43m

Concrete pad above tank

Vacant factories

Lot 634

Lot 637

Lot 638

Lot 636

Lot 635

NOTES:

Environautics Pty Ltd

P.O. Box 2324
BRISBANE QLD 4001
Telephone: (07) 3369 9755
Facsimile: (07) 3369 5122

Constantine Developments

Client:
Address:
Phone:
Fax:

PO Box 1315
Southport QLD 4215

Sampling Plan

Drawn: Mark Dekker
Scale: N.T.S.
Drawing Number:



North

RTI DL RELEASE - EHP

AP-b

AP-d

1.2m

2m

AP-a

AP-c

Vacant factories

ATTACHMENT II
LABORATORY RESULTS

RTI DL RELEASE - EHP

AGAL

REPORT OF ANALYSIS

Page: 1 of 2

Report No. RN087782

Client : ENVIRONAUTICS P/L GPO BOX 2324 BRISBANE QLD 4001	Job No. : ENV106/990225 Quote No. : QT-00599 Order No. : 50750 Date Sampled : 25-FEB-1999 Date Received : 25-FEB-1999 Sampled By : CLIENT
Attention : Mark Dekker Project Name : Your Client Services Manager : Andrew Bradbury	Phone : 07 3214 2161

Lab Reg No.	Sample Ref	Sample Description
Q99/000550	AP-A	Soil Miami
Q99/000551	AP-B	Soil Miami
Q99/000552	AP-C	Soil Miami
Q99/000553	AP-D	Soil Miami

Lab Reg No.	Sample Reference	Units	Q99/000550 AP-A	Q99/000551 AP-B	Q99/000552 AP-C	Q99/000553 AP-D	Method
BTEX							
Benzene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5	QLM2_02
Toluene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5	QLM2_02
Ethyl Benzene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5	QLM2_02
Xylene	mg/kg	<1.0	<1.0	<1.0	<1.0	<1.0	QLM2_02
Trace Elements							
Lead	mg/kg	<5.0	<5.0	8.0	<5.0	<5.0	QLM4_01
Total Petroleum Hydrocarbons							
TPH C8-C9	mg/kg	<25	<25	<25	<25	<25	QLM2_04
TPH C10-C14	mg/kg	<50	<50	<50	<50	<50	QLM2_04
TPH C15-C28	mg/kg	<100	<100	<100	<100	<100	QLM2_04
TPH C29-C38	mg/kg	<100	<100	<100	<100	<100	QLM2_04
Moisture Content							
Moisture Content	%	15.2	26.6	18.9	13.1	13.1	QLM1_60

Signed: Schedule 4 - signature

Samantha Nellis, Environmental - Qld

Date: 4-MAR-1999

All results are expressed on a dry weight basis.



This Laboratory is accredited by the National Association of Testing Authorities, Australia.
(Registration No 19811).

The tests reported herein have been performed in accordance with its terms of accreditation.

AUSTRALIAN GOVERNMENT ANALYTICAL LABORATORIES

Cnr Wynnum & Creek Roads, Cannon Hill QLD 4170 PO Box 3312 Tingalpa DC QLD 4173
Tel: +61 7 3214 2161 Fax: +61 7 3214 2166

AGAL**REPORT OF ANALYSIS**

Page: 2 of 2

Report No. RNO87782

Sample/s analysed as received.

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AUSTRALIAN GOVERNMENT ANALYTICAL LABORATORIES

Chr Wynnum & Creek Roads, Cannon Hill QLD 4170 PO Box 3312 Tingalpa DC QLD 4173

QUALITY ASSURANCE REPORT

AGAL

Page 1 of 1

Client: ENVIRONAUTICS	Client Job No: 50750
Sample Matrix: SOIL	AGAL Job No: ENVI06/990225

Analyte	LOR	Blank	Sample Duplicates			Sample Spike
			Sample	Duplicate	RPD	Recovery
	mg/kg	mg/kg	mg/kg	mg/kg	%	%
TPH			Q99/000551			Q99/000553
TPH C6-C9	25	<25	<25	<25	0.0	102
TPH C10-C14	50	<50	<50	<50	0.0	111
TPH C15-C28	100	<100	<100	<100	0.0	83
TPH C29-C36	100	<100	<100	<100	0.0	83
BTEX						
Benzene	0.5	<0.5	<0.5	<0.5	0.0	96
Toluene	0.5	<0.5	<0.5	<0.5	0.0	99
Ethylbenzene	0.5	<0.5	<0.5	<0.5	0.0	107
Xylenes	1.0	<1.0	<1.0	<1.0	0.0	106
METALS						
Lead	5.0	<5.0	<5.0	<5.0	0.0	98

Results expressed in percentage (%) or mg/kg wherever appropriate on dry weight basis

Method used : AGAL Method QLM2.02, 2.04 and 4.01

This report shall not be reproduced except in full

Acceptable Spike recovery is 70-130% (For Metals, BTEX and TPH C6-C9)

Acceptable Spike recovery is 50-150% (For TPH C10-C36)

Acceptable RPDs is 50%.

RPD= Relative Percentage Difference

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Signed:

Samantha Nelis
Senior Chemist

Date:

4-Mar-99

File: QA_TPH_MAR_99
Sheet: ENVI06-990225

AUSTRALIAN GOVERNMENT ANALYTICAL LABORATORIES

Cnr Wynnum & Creek Roads, Cannon Hill QLD 4170 PO Box 3312 Tingalpa DC QLD 4173

AGAL

SAMPLE RECEIPT NOTIFICATION

ATTENTION: Mark Dekker
 COMPANY: Environautics
 DATE: 25, 02, 99

CLIENT REFERENCE NUMBER: 50750
 AGAL BATCH NUMBER: ENV106/990226

- ☒ All samples were received in satisfactory condition.
☒ Samples were received with completed paperwork.

It is anticipated that your results will be available by 4, 3, 99
 If this is not acceptable please contact us immediately.

Please direct any enquiries to Andrew or Zoe ~~Ellie~~.

COMMENTS :

AUSTRALIAN GOVERNMENT ANALYTICAL LABORATORIES

Chr Wynnum & Creek Roads, Cannon Hill QLD 4170 PO Box 3312 Tingalpa DC QLD 4173
 Tel: 461 7 3214 2161 Fax: 461 7 3214 2166 www.agal.gov.au

AGAL BRISBANE

25/02/99 THU 14:01 FAX 61 7 3217 4738

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Environautics
PTY LTD

G.P.O. Box 2324, BRISBANE QLD 4001

CHAIN OF CUSTODY DATA SHEET

Note: USE ONE FORM FOR EACH SAMPLE, OR EACH GROUP OF SAMPLES FROM THE SAME SOURCE

Consigned to:	AGAL Brisbane
Address:	Cnr Wynnum & Creek Roads Cannon Hill QLD 4170
Sampling Location:	Job Number: 50780
6 Avalon Parade Miami	Date Sent: 25-2-99
Sample Description:	No. of Samples
Soil	
Date Collected	Number of Containers (include volume)
25-2-99	4 x 250ml
Name of Sampler	Person/Organisation responsible for transport
Mark Delker	Mark Delker
Preservation method:	
Chilled (ice)	5 day turn around

FILL IN THIS TABLE EACH TIME CUSTODY OF THE SAMPLES CHANGES HANDS

Organisation	Name of Person	Time	Date	Signature	Time	Date	Signature
Environautics	M. Delker	10:30	25/02/99	[Signature]	10:30	25-2-99	[Signature]

Schedule 4 - signature

Please Fax a copy of this data sheet to

Environautics Pty Ltd - Attention: Mark Fax Number: 55742855



Environautics
F I V E L T C

Page 2 of 2

Analysis Requested

Sample ID	Analysis Requested
AP-A	aluminum
AP-B	arsenic
AP-C	cadmium
AP-D	calcium
	chromium
	copper
	cyanide
	gold
	iron
	lead
	Magnesium
	manganese
	Mercury
	molybdenum
	nickel
	selenium
	silver
	sodium
	zinc
	ammonia
	Bicarbonate
	BOD
	chloride
	fluoride
	nitrate
	nitrite
	phosphate
	Potassium
	sulfate
	BTEX
	OC pesticide
	OP pesticide
	PAH
	TPH
	conductivity
	pH
	TOC
	TSS
	turbidity
	E.coli
	faecal
	coliforms
	total
	coliforms

RTI DL RELEASE - END

0.8/0.00550
0.8/0.00551
0.8/0.00552
0.8/0.00553

ATTACHMENT III
PHOTOGRAPHIC ILLUSTRATIONS

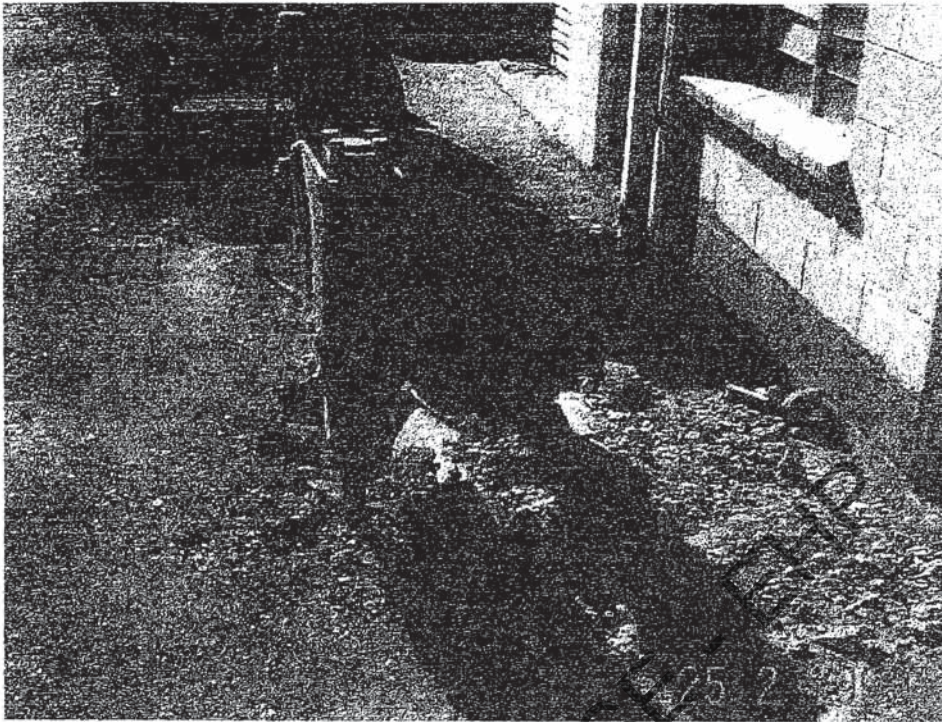
RTI DL RELEASE - EHP



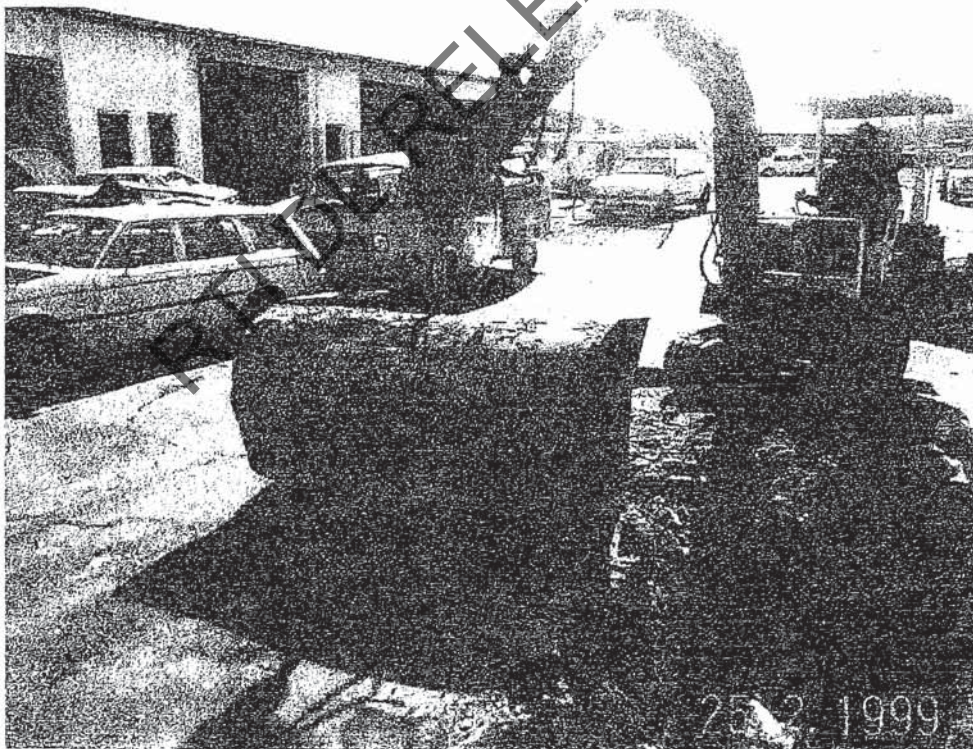
PHOTOGRAPH 1: Looking at the concrete pad in a westerly direction



PHOTOGRAPH 2: Looking at the concrete pad in a southerly direction. Note that there is no visible staining on the bitumen



PHOTOGRAPH 3: Concrete pad removed excavating underground fuel tank



PHOTOGRAPH 4: Underground fuel tank removed also showing excavation pit.

ATTACHMENT IV
PAST AERIAL PHOTOGRAPHY

RTI DL RELEASE EHP

MURWILLUMBAH/TWEED HEADS
9541/9641

RUN 3
46-66

1:25 000 Approx.
15-6-89

4410m ASL
600m datum



Crown Copyright
Not to be reproduced
without permission of Surveyor
P.O. Box 40 Woorli
Queensland





Aerial photography taken 12th April 1996

Trade and Export at BRISBANE on 11th January 1942 at May

MAIN

[illegible]

44-579-5641554-261-210
 564-563 157-4194-261-210
 564-563-530-650-573
 44-579-5641554-261-210
 44-579-5641554-261-210
 44-579-5641554-261-210

As Proprietor of this land, I agree to this Plan of subdivision, and dedicate the new roads shown hereon to public use

Signature of Proprietor } _____

ROAD THIS

THIS PLAN should be **ROLLED** not folded.

41557

ADDISON'S PUBLICATIONS
FOR CURRENT READING

41587

41.557

SURVEY

524 to 656

1 524 to 656

41587

OF SECTION

COUNTRY OF

© 2004 Blackwell Publishing Ltd *Journal of Internal Medicine* 255: 103–110

Ward

Gilston

PARISH OF

Cat. No. 41587

CISP

41 27

41587

Annemarie Dalton

From: MORRIS Malissa
Sent: Thursday, 12 September 2002 4:21 PM
To: annemarie.dalton@epa.qld.gov.au

Subject: Validation of Sites on EMR/CLR
Annemarie,

s73(2) - irrelevant

schedule 4 - signature

A site investigation of Lot 634 RP41587, 4 Avalon Pde Miami by EHO Chris Macmillan has revealed that the property has been used as a Service Station and should be listed on the EMR. Council records indicate that Lot 633 RP41587 has been used for a Service Station and is listed correctly. The Service Station is situated across both sites.

s73(2) - irrelevant

s73(2) - irrelevant

Sorry about the delay in a response, all EHOs have been in a course most of the week. I haven't forgotten and will get back to you as soon as possible.

Should you need any further information please call me.

thanks,
Malissa Morris
Gold Coast City Council
Health Services
Ph: 07 55816140 Fax: 07 55816219

Property Address
4 Avalon Pde
MIAMI 4220

OWNER
GAMMA (AUST) PTY LTD AS TR
PO BOX 1389 BROADBEACH QLD 4215

This e-mail and its contents is confidential to Gold Coast City Council
and un-authorised use is strictly prohibited.

Annemarie,
Please send s73(w) will I list
Notice for 634/41587.
for U.A. 34- service
station.

Schedule 4 - signature

s73(2) - irrelevant

s73(2) - irrelevant

s73(2) - irrelevant

AD

Can you please advise!

13/9/02

Gold Coast

Annemarie Dalton

To:
Subject:

MMORRIS@goldcoast.qld.gov.au
VALIDATION OF SITES ON EMR/CLR - ATTENTION MALISSA



Gold Coast
Numerous.doc

Dear Malissa

I am going through a process of validating sites for the Environmental Management Register (EMR). In order to clarify this matter and determine whether or not these sites below should be listed or removed off the EMR, we are seeking information from Council records with regard to the land use (past/present) and any notifiable activities, which may have occurred on sites.

Thanks for your assistance. If you have any queries, please do not hesitate to call me on 3227 7370.

Regards

Annemarie Dalton

Contaminate Land Unit
Registry Officer
Phone: (07)3227 7370 Fax: (07)3247 3278
Email: Annemarie.Dalton@epa.qld.gov.au

✓ Updated Grey
base
5/9/2

RTI DL RELEASE - EHP

GOLD COAST

Annemarie Dalton

To: kallen@goldcoast.qld.gov.au
Subject: Validation of sites on EMR/CLR
Importance: High

Dear Kelly

I am going through a process of validating sites for the Environmental Management Register (EMR). In order to clarify this matter and determine whether or not these sites below should be listed or removed off the EMR, we are seeking information from Council records with regard to the land use (past/present) and any notifiable activities, which may have occurred on sites.

If you have any queries, please do not hesitate to call me on 3227 7370.

Regards

Annemarie Dalton

RTI DL RELEASE - EHP

LOT/PLAN	DETAILS	QUERY
633-634/RP41587	Lot 633 on register for Service station. Lot 634 not listed on register.	Can you please confirm if Lot 633 is listed correctly, and if Lot 634 should be listed?

RTI DL RELEASE - EHP



Facsimile cover sheet

Environmental Operations
Contaminated Land Unit
Phone enquires (07) 3227 7370 • Facsimile (07) 3247 3278

Date Thursday, 25 October 2001 Time sent 09:53
Please deliver to Name Kel Irwin Fax number (07) 5581 6219
Business/Section Gold Coast City Council - EHO Officer
From Name Annemarie Dalton Telephone (07) 3227 7370
Unit Contaminated Land Unit
Subject Lot 633-634 RP41587 - Notifiable act
Number of pages (including facsimile cover sheet) 1
Special precedence ☐ Urgent ☐ Confidential Original is being forwarded ☐ Yes ☐ No

Privacy and confidentiality notice

The information contained in this facsimile is intended for the named recipient/s only. It may contain privileged and confidential information and if you are not an intended recipient, you must not copy, distribute or take any action in reliance on it. If you have received this facsimile in error, please notify the sender.

Dear Kel,

I refer to our fax sent to Sean Smtih dated 09/10/98 from Kim Denning, of the Contaminated Sites Section, regarding the above site. (see copy of fax attached).

As we have not yet received a reply to this query, I have restated the query below.

In order to maintain accurate records, it would be appreciated if you would confirm whether have been any notifiable activities have been known to have affected these sites.

Thank you for your assistance. If you have any queries regarding this matter, please do not hesitate to contact me on (07) 3227 7370.

Regards,

Schedule 4 - signature

Service Station
on Lot 633
not on Reg 639
COC

0/5

DEPARTMENT OF ENVIRONMENT
WASTE MANAGEMENT BRANCH
CONTAMINATED SITES SECTION

633,634
RP41587

Sender: Kim Denning
Facsimile no: (07) 3227 8341
Telephone no: (07) 3227 7369
Address: 12th floor, 160 Ann Street, Brisbane, Queensland
Postal Address: PO Box 155
BRISBANE ALBERT STREET QLD 4002

Receiver: Sean Smith
Facsimile no: (07) 5581 6346
Business/Section: EH - Gold Coast City Council
Date: 09/10/98
Number of pages: 1 (including cover sheet)

Kei Irwin
5581 6219

Dear Sean

Re: Lot 633 RP41587 - 4, 6 Avalon Parade, Miami

We have received an objection from the new owner of the above site, regarding its listing on the Environmental Management Register for the notifiable activity of a service station.

The site history which the owner (David Blake) has provided is (briefly) as follows:

1960s: Mr Dibleman (owner) bought site - undeveloped at that time
~1980: Keith Rooney bought site
Recently: David Blake purchased - doesn't believe there was ever a service station (or underground fuel tank) on site.

The reason the site was listed was due to a letter from you, dated 20 January 1998 (ref 98/1/74), in which you provided information about the site to us. However the information you provided was not definite with regard to a service station being on site. It was only thought that it may have been a service station because a concrete pad with a pipe protruding existed on the property.

Could you please take the following actions:

- Check any records you have, especially F&C licences, for any definitive information as to the activities that have occurred on site.
- You mention in the letter that panel beaters now use the site. If any notifiable activities occur (such as spray painting) due to the panel beating business, please also advise of these.
- Any quantitative information such as types and volumes of substances which you could provide would be helpful.

Thank you for your assistance. If you have any inquiries, please feel free to contact me.

Yours sincerely

s73(2) - irrelevant

Kim Denning
Validation Officer
Hazardous Waste and Contaminated Sites Section

THE FOLLOWING FILE(S) ERASED

FILE	FILE TYPE	OPTION	TEL NO.	PAGE	RESULT
043	MEMORY TX	CONTAMINATED LAND	00755816346	01/01	OK

ERRORS

1) HANG UP OR LINE FAIL 2) BUSY 3) NO ANSWER 4) NO FACSIMILE CONNECTION

**DEPARTMENT OF ENVIRONMENT
WASTE MANAGEMENT BRANCH
CONTAMINATED SITES SECTION**

Sender: Kim Denning
Facsimile no: (07) 3227 8341
Telephone no: (07) 3227 7369
Address: 12th floor, 160 Ann Street, Brisbane, Queensland
Postal Address: PO Box 155
BRISBANE ALBERT STREET QLD 4002

Receiver: Sean Smith
Facsimile no: (07) 5581 6346
Business/Section: EH - Gold Coast City Council
Date: 09/10/98
Number of pages: 1 (including cover sheet)

Dear Sean

Re: Lot 633 RP41587 - 4, 6 Avalon Parade, Miami

We have received an objection from the new owner of the above site, regarding its listing on the Environmental Management Register for the notifiable activity of a service station.

The site history which the owner (David Blake) has provided is (briefly) as follows:

Memorandum

To Kim File reference _____

From APRIL _____

Subject lot 633 RP41587 Date 8/10/78

Gold Coast City Council. Notes _____

David Blake Schedule 4 - personal information *personal*

New owner of property - doesn't believe there was ever a service station (or up tank on side).

Brief Site History

1960's - Mr. Dibbleman (owner) bought site - undeveloped at that time

~ 1980 - Keith Rooney bought into

Recently(?) - David Blake purchased.

Info from ACCC is not definite re: presence of servo
Please follow up with ACCC re F&C licenses etc.

Please let Mr Blake know outcome

Thank you!

April

Department of Environment

ENVIRONMENTAL HEALTH SERVICES
FACSIMILE
TRANSMISSION

HAZARDOUS WASTES AND
CONTAMINATED SITES SECTION

21 JAN 1998



COUNCIL OF THE CITY
OF GOLD COAST
PO BOX 5042
GOLD COAST MC 9729

COUNCIL OF THE CITY OF GOLD COAST

FAX NO. (07) 55 816140

TO: DOE - CONTAMINATED SITES SECTION

ATTENTION: TRACY SEETO

Waste Management

YOUR REF:

FROM: SEAN SMITH

PHONE:

SUBJECT: 4-10 AVALON PLACE, MIAMI

This Transmission contains 2 Pages

If you do not receive this Transmission satisfactorily or it has been transmitted to the wrong number, please phone COUNCIL OF THE CITY OF GOLD COAST on (07)55 816140.

FAX NO. (07) 32276634

DISCLAIMER: The information contained in this facsimile has been extracted from Council's records in response to your enquiry and whilst it is believed to be accurate no responsibility is assumed for any error or omission.

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Council will only accept responsibility for information contained under official letterhead and duly signed by, or on behalf of the Chief Executive Officer.

Authorised by:

Transmitted by:

s73(2) - irrelevant

Date:

Date: 20/1/98

Date 20 January 1998
 Contact Mr S Smith
 Location Surfers Paradise Office
 Telephone (07) 55816140
 Your Reference Snr EHO K. Irwin
 Our Reference 98/1/74

Address all correspondence to
 Chief Executive Officer
 PO Box 5042
 Gold Coast MC QLD 9729 AUSTRALIA



Gold Coast City Council

City of Vision

Nerang Office Telephone (07) 5582 8211
 Fax (07) 5583 3653

Surfers Paradise Office Telephone (07) 5581 6000
 Fax (07) 5581 6343
 Telex (07) 55AA41431
 DX42161 Bundall

Ms Tracy Seeto
 Department of Environment
 Contaminated Sites Section
 PO Box 155
 BRISBANE ALBERT STREET 4002

Dear Ms Seeto

8,10 AVALON PARADE, MIAMI - LOT 632 RP 41587, LOT 631 RP 41587 169-004099
 4,6 AVALON PARADE, MIAMI - LOT 634 RP 41587, LOT 633 RP 41587 169-004274
 RAYNA, PLEASE ENTER LOT 633/RP41587

Following a request from Mr Ward (property owner 8,10 Avalon Parade) an inspection was carried out at the above site on 12 December 1997. AS PRO, P.P.2231, YTHANKS

The inspection revealed that on the southern site (now known as 4,6 Avalon Parade) is a raised concrete pad (approximate dimensions 1.5 x 2.0 metres) with a pipe protruding from it and an indent in the concrete that may have been where a fuel pump head was bolted. This structure which may have been an underground flammable liquid storage facility, whilst now disused, warrants the site being listed as a probable contaminated site. s73(2) - irrelevant 22/1/98

The site inspection of 8,10 Avalon Parade, failed to reveal any installation which could support its prescribed purpose listing of service stations. Current activities operating from the site include kayak manufacturer, welder and graphic artist.

The site 4,6 Avalon Parade is currently operated by a number of panel beaters.

Would you please amend your Contaminated Land Register to reflect this information. Please contact Sean Smith on (07) 55 816140 if you require further information.

Yours sincerely

s73(2) - irrelevant

Rick Williams
 ACTING MANAGER HEALTH & REGULATORY SERVICES

When corresponding on this matter, please quote
 Council's file number shown above.

Our Vision ... is to ensure our City is the premier place to live, work and play.

Site Id: 169-004274

Site Name: SERVICE STATION, MIAMI

Official Authorisation for CSR Site: Y

Local Government: GOLD COAST CITY

Entry Date: 22/01/98

Category: PRO

Last Altered: 22/01/1998

Location: 4,6 AVALON PARADE
MIAMI
4220

Lot: 633 on Plan RP41587

Tenure:

Owner: DAVID J BLAKE

Schedule 4 - personal information

4218

Zoning:

Current Use: 2231

Prescribed Purpose: 2231

File: 0

UXO region:

Contaminants: UNK

Action Officer: NIL

Vol:

Comments:

Area: 0 ha/s
Past Use: 2231Status: P
Folio: 0000

RTI RELEASE EHP

INFORMATION IN COUNCIL'S FAX OF 20/01/98
(REF.98/1/74 SEAN SMITH) STATES: AN INSPECTION OF
THE SITE REVEALED THAT ON THE SOUTHERN SITE IS A
RAISED CONCRETE PAD WITH A PIPE PROTRUDING FROM IT
AND AN INDENT IN THE CONCRETE THAT MAY HAVE BEEN
WHERE A FUEL PUMP HEAD WAS BOLTED. THIS
STRUCTURE, WHILST NOW DISUSED, MAY HAVE BEEN AN
UNDERGROUND FLAMMABLE LIQUID STORAGE FACILITY.-
22/01/98.RT//

** END OF REPORT **