



Department of
Environment and Heritage
Protection

File No: BNE 38395-2
Project No: 316592

24 JUL 2012

The Secretaries,
Jondee Nominees Pty Ltd and
Vandee Nominees Pty Ltd
PO Box 522
VIRGINIA QLD 4014

Dear Sir/Madam

I refer to your application, received on 5 July 2012 from Butler Partners, for internal review of the original decision made by the Department of Environment and Heritage Protection (EHP) under the *Environmental Protection Act 1994* regarding the listing on the Environmental Management Register (EMR) of Lot 479 on Plan M3321 (the site), located at 119 Sandmere Road, Pinkenba, QLD 4008.

The site was originally listed on the EMR for the following notifiable activities;

1. Landfill – disposal of waste (Notifiable activity 20)
2. Asbestos manufacture or disposal (Notifiable activity 3)

I also note that your application Part A and B, together with a site validation report and statutory declaration, were submitted to EHP's Permit and License Management on 7 June 2012.

On 25 June 2012 the original decision was made by the delegate for the removal of the site from the EMR for asbestos manufacture or disposal (Notifiable activity 3). Furthermore it was determined that the site remain on the EMR for landfill – disposal of waste (Notifiable activity 20).

In your application for internal review, the reasons stated for the review were "On the basis that previous fill material has been excavated and removed from the site, and the subsequent filling of the site has occurred in a controlled manner" and that "it is considered that the site is no longer subject to the notifiable activity of 'landfilling'."

Having reviewed the original decision, I note that the site validation report clearly outlines the remediation and removal of asbestos containing material from the site and, therefore, I support that the site be removed from the EMR for notifiable activity (3) asbestos manufacture and disposal.

Level 7
400 George Street Brisbane Qld 4000
GPO Box 2454 Brisbane
Queensland 4001 Australia
Telephone + 61 7 3330 5686
Facsimile + 61 7 3330 6634
ABN 46 640 294 485

However, I have formed the view that the information provided in your original application and site validation report does not support the removal from the EMR for the notifiable activity landfill – disposal of waste (20). I rely on the following points:

1. The site validation report did not comply with Chapter 7 Part 8 of the *Environmental Protection Act 1994* or the *Guidelines for Assessment of Contaminated Land in Queensland* for the notifiable activity (20) landfill – disposal of waste. The guidelines state "The extent and types of fill on a site should be thoroughly delineated and sampled for at least the full suite of heavy metals and any other suspected contaminants based on visual inspection of the sample and any noticeable odour."
2. The above mentioned testing and sampling has not been included in your site validation report, nor in any other material supplied to the administering authority.

I have reviewed the original decision and considered all submissions properly made by the recipient of the review notice.

On 18 July 2012 I made a decision pursuant to Section 521(5)(c)(ii) of the *Environmental Protection Act 1994* to vary the original decision in a way deemed appropriate by the administering authority.

1. Confirm the decision made by the delegate to remove asbestos manufacture or disposal (Notifiable activity 3) on the site from the EMR.
2. Allow the landowner of Lot 479 Plan M3321 to provide updated information or another site or validation report to address the issue for notifiable activity (20) landfill – disposal of waste in compliance with Chapter 7 Part 8 of the *Environmental Protection Act 1994* and the *Guidelines for Assessment of Contaminated Land in Queensland*.
3. Allow the landowner to reply to this decision within 10 working days, to notify the administering authority of their intention in relation to this review.
4. Allow the landowner further time as agreed by the administering authority to provide subsequent information to address the deficiencies in the validation report regarding the notifiable activity landfill – disposal of waste.
5. No further application fee will apply to any report or information supplied to the administering authority.

Pursuant to Section 531(1) of the *Environmental Protection Act 1994*, if you are dissatisfied with the review decision you may appeal against the decision to the Court. Section 532 of the Act outlines the procedure for appeal.

Should you have any further enquiries, please do not hesitate to contact Wendy Moffat, Senior Administration Officer of the Contaminated Land Unit on telephone 3330 5686.

Yours sincerely

s.73 irrelevant information

Dr Glen Brown
Executive Director
Environmental Performance and Coordination Branch

Cc s.73 irrelevant info
c/- Butler Partners
PO Box 2267
Fortitude Valley BC Qld 4006

McMain Lisa

From: McMain Lisa
Sent: Wednesday, 11 July 2012 4:35 PM
To: Moffat Wendy
Subject: RE: Application for Review of original decision - Contaminated Land

Hi Wendy

In accordance with the Operational policy 'Which officers review original decisions?' - Dean Ellwood, as Deputy Director-General to the original decision maker, has nominated Glen Brown as the review officer for the matter described below.

Glen Brown is aware of this nomination.

Regards

Lisa McMain
Executive Officer
Office of the Deputy Director-General
Environmental Services & Regulation Division
Department of Environment & Heritage Protection
Telephone: 07 3330 5561 **Facsimile:** 07 3330 5634
Email: lisa.mcmain@ehp.qld.gov.au
www.ehp.qld.gov.au

400 George Street, Brisbane Q 4000
GPO Box 2454, Brisbane Q 4001

From: Moffat Wendy
Sent: Wednesday, 11 July 2012 8:51 AM
To: McMain Lisa
Subject: FW: Application for Review of original decision - Contaminated Land

fyi.

From: Moffat Wendy
Sent: Wednesday, 11 July 2012 8:43 AM
To: Pope Karen
Cc: Billington Michelle; Ready Kelli
Subject: Application for Review of original decision - Contaminated Land

Hi Karen

Contam Land have a review of an original decision, file reference BNE38395 Volumes 1 & 2.

Kelli was the original decision maker and under s521(7) EP Act must not deal with the application. Peter Koorockin who made the recommendation has explained that the least involvement Kelli has with the file the better for her if the matter was to be settled in court.

The application must not be dealt with by a person in a less senior office than Director.

In accordance with EHP policy, the review officer is to be nominated by the Assistant Director-General, being Dean Elwood.

The original decision has been received by EHP on the 5/7/2012 and a decision by EHP is required by the **19th July 2012**.

I have the file at the moment.

Wendy Moffat
Senior Administration Officer (Registrar)
Contaminated Land Unit
Enforcement Services
Telephone: (07) 3330 5686
Email: wendy.moffat@derm.qld.gov.au

Environment & Heritage Protection
Level 7, 400 George Street, Brisbane
GPO Box 2454, Brisbane, Qld, 4001

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DEPARTMENT OF ENVIRONMENT AND RESOURCE MANAGEMENT

SEARCH RESPONSE

ENVIRONMENTAL MANAGEMENT REGISTER (EMR)
CONTAMINATED LAND REGISTER (CLR)

Transaction ID: 1261100 EMR Site Id: 716 01 October
2010

This response relates to a search request received for the site:
Lot: 479 Plan: M3321

EMR RESULT

The above site IS included on the Environmental Management Register.

Lot: 479 Plan: M3321
Address: 119 SANDMERE ROAD
PINKENBA QLD 4008

The site has been subject to the following Notifiable Activity pursuant to section 374 of the
Environmental Protection Act 1994.

LANDFILL - disposing of waste (excluding inert construction and demolition waste).

ASBESTOS MANUFACTURE OR DISPOSAL -

- (a) manufacturing asbestos products; or
- (b) disposing of unbonded asbestos; or
- (c) disposing of more than 5t of bonded asbestos.

CLR RESULT

The above site is NOT included on the Contaminated Land Register.

ADDITIONAL ADVICE

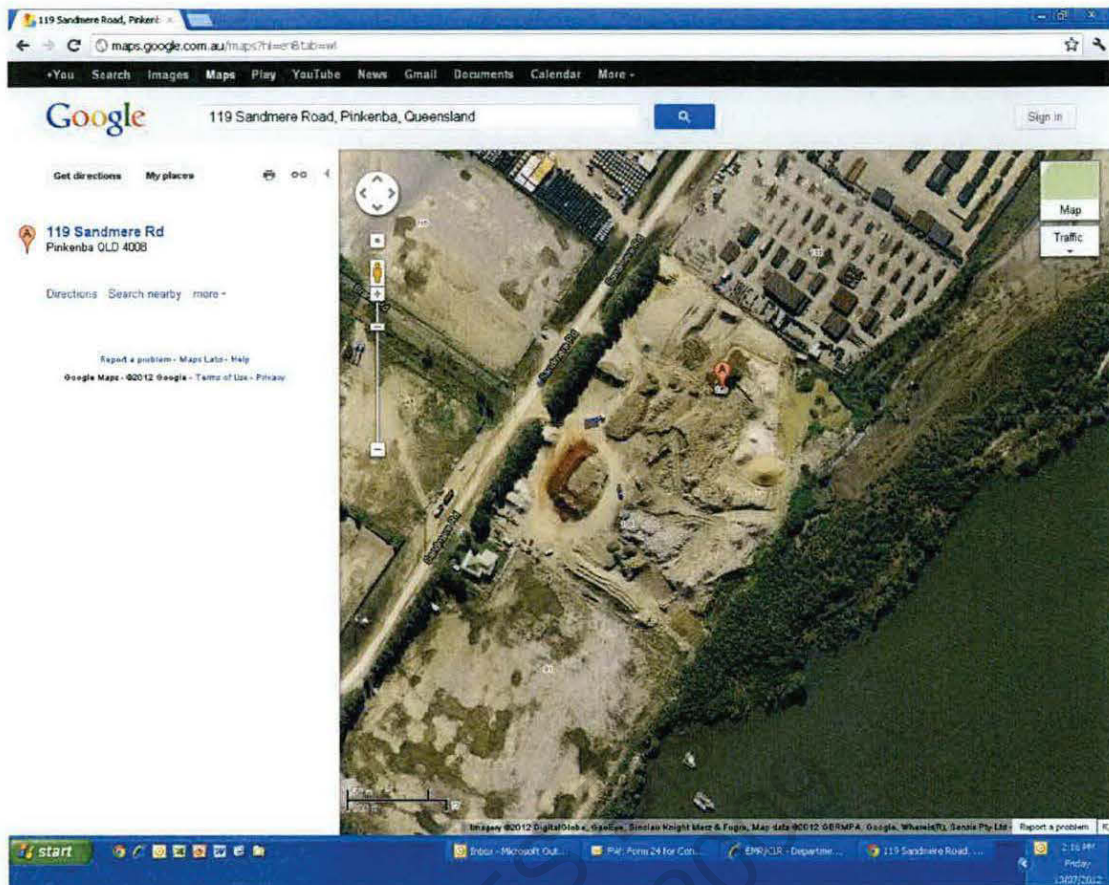
EMR/CLR Searches may be conducted online through the State Government Website
www.smartservice.qld.gov.au or Citec Confirm www.confirm.com.au.

If you have any queries in relation to this search please phone (07) 3330 5687.

Darryl Byers
Registrar, Contaminated Land Unit

To execute a new search, select the "Back" button on the browser twice

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Section	Description of decision
312B(2)	decision to give surrender notice
312B(2)	fixing of period for compliance with surrender notice
312J(1)	proposed action decision
312O(2)	decision to require the giving of financial assurance
312P	decision to require the giving of financial assurance

Division 4

Decisions under chapter 7

Section	Description of decision
366	refusal to amend or discharge a financial assurance for an environmental authority (mining activities)

Part 2

Original decisions for court appeals

Division 1A

Decisions under chapter 4

Section	Description of decision
73E	refusal to grant an application for registration
73F	refusal to grant a single registration certificate
73FA	decision to cancel a single registration certificate for activities and issue 2 or more registration certificates for the activities

Environmental Protection Act 1994

Schedule 2

Section	Description of decision
73L	decision to cancel or suspend registration
73O(3)	decision to refuse surrender of registration certificate

Division 2 Decisions under chapter 5

Section	Description of decision
254(2)(b)(ii)	decision to require another way of publishing notice of amendment application
257(1)	refusal of amendment application
262(1)	refusal of transfer application
280(1)	decision to give audit notice
280(1) and (3)(d)	fixing of period for conducting or commissioning environmental audit and giving environmental audit report
283(1)	decision to conduct or commission an environmental audit or prepare an environmental audit report
297(1)	proposed action decision, other than a decision to amend an environmental authority for a level 2 mining project

Division 4 Decisions under chapter 6

318A(4)	decision not to change anniversary day
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Division 5 Decisions under chapter 7

Section	Description of decision
322(1)	requirement for environmental audit
323(1)	requirement for environmental investigation
326(4)	requirement for additional information about an environmental evaluation
328(1)	extension of time for decision on submission of environmental report
332(1) or (2)	requirement for draft transitional environmental program
337(1) or 344	decision on whether to approve, or to approve an amendment of an approval of, a draft transitional environmental program
339(3)	imposition of conditions on a transitional environmental program approval
340	refusal to approve draft transitional environmental program
353(3)(a)	removal of immunity from prosecution for a person under a refusal to approve a draft transitional environmental program
358	issue of environmental protection order
363B	decision to issue a direction notice
363H	decision to issue a clean-up notice
363N	decision to issue a cost recovery notice
366(6)	refusal to amend or discharge a financial assurance, other than for an environmental authority (mining activities)
367(2)	claim on, or realisation of, financial assurance

DERM

SITE REPORT

Date Generated:13/07/2012

EMM7040 V1.1.0

EMR

Lot:	479	Plan:	M3321
Category:	NOTIFIABLE ACTIVITY		
LGA:	Brisbane City Council		
Site Name:	REFUSE TIP PINKENBA		
Street:	119 SANDMERE ROAD		
Suburb:	PINKENBA QLD	Post Code:	4008
Owner:	JONDEE NOMINEES PTY LTD & VANDEE NOMINEES PTY LTD		
Address:	PO BOX 522		
	VIRGINIA QLD		
Post Code:	4014		

Rec Type:	BP	ID:	716
Region:		Hist. ID:	140-34661
AMA/AN:			
Notified By:	DATA CONV	Notif. Rec'd:	
Entry Date:	27/06/1998	Last Altered Date:	12/07/2012
File:	BNE38395		
Officer:	NIL		
Parcel Status:	C	Area:	0 m2

External References

Hazardous Contaminants

Notifiable Activities

LANDFILL

Comments

Create Date	User ID	Corr No	Officer Name	Date Final	How Finalized
20/09/2005	JACOBSN				
OWNER DETAILS CHANGED FROM s.73 irrelevant information 119 SANDMERE ROAD, PINKENBA QLD 4008 TO CURRENT AS PER QVAS. ADDED NA 3 AS PER NOTIFICATION FORM SUBMITTED BY NEW OWNER DATED 16/9/05.					
28/09/2005	OLOUGHG				
A OFFSITE DISPOSAL DATE. OFFSITE DISPOSAL PERMIT GRANTED 28/09/05 FOR DISPOSAL OF SOIL CONTAMINATED WITH ASBESTOS FROM 119 ANNERLEY STREET AT WATTLE GLEN LANDFILL FACILITY (COLLEX PTY LTD), HALLETS ROAD/PATRICK STREET AND GREENWOOD VILLAGE ROAD, REDBANK PLAINS.					
02/11/2005	LEWISAN				
OFF-SITE DISPOSAL PERMIT GRANTED DATED 1/11/05 TO REMOVE AND DISPOSE OF SOIL CONTAMINATED WITH ASBESTOS FROM 119 SANDMERE ROAD PINKENBA AT COLLEX PTY LTD, WATTLE GLEN LANDFILL.					
16/10/2008	MARTLEA				
IPA APPLICATION (APPLN # IPCL01181408) (COUNCIL APPLN # A002131425) REC'D FROM SELL & PARKER PTY LTD 22/08/08 FOR MATERIAL CHANGE OF USE. CONCURRENCE AGENCY RESPONSE LETTER 15/10/08 STATES CONDITIONS MUST ATTACH TO ANY DEVELOPMENT APPROVAL.					
28/10/2010	MARTLEA				
SPA APPLICATION (SPCL01044210) REC'D 1/10/10 FROM SELL AND PARKER PTY LTD FOR MATERIAL CHANGE OF USE. PERMIT LETTER SENT 14/10/10 STATES ANY DEVELOPMENT APPROVAL IS SUBJECT TO CONDITIONS. FOR MORE INFORMATION SEE BNE38395.					
12/07/2012	moffatw				
APPLICATION FOR REVIEW OF ORIGINAL DECISION RECEIVED ON THE 5/7/2012 AND DECISION IS DUE 19/7/2012. GLEN BROWN IS THE DELEGATED REVIEWING OFFICER.					
25/06/2012	moffatw				
RECOMMENDATION MADE TO UPDATE THE SITE RECORD AND REMOVE NOTIFIABLE ACTIVITY 3 - ASBESTOS MANUFACTURE OR DISPOSAL. NOTIFIABLE ACTIVITY 20 - LANDFILL TO REMAIN ON THE EMR.					

Create Date	User ID	Corr No	Officer Name	Date Final	How Finalized
06/07/2012	fyfee				
ADDED FILE NUMBER					

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Queensland
Department of
Environment and Heritage

8110

Notification of contaminated

- The following information should be supplied by people of Environment and Heritage of contaminated land or is Contaminated Land Act 1991 and the Contaminated La

L 479 (on REGISTER)

L 497 (" ")

Queensland Department
under the

Essential information

- Please complete all information.

Local Authority area

Brisbane City Council

140-4660 / 140-4661 / 140-4662

Information provided by

Name Mark Taylor

Contact phone no. 225 4681

Organisation Brisbane City Council

140-4663

Address GPO Box 1434

BRISBANE

Postcode 4001

Name by which the property is known locally

Location

Street address 119 Sandmere Road

Town/suburb PINKENBA

Postcode 4008

Council area

Lot-on-Plan description of each parcel of land (individual parcels of land which make up the property should be included. Please attach a separate notification for each parcel)

Lot 476/479, 496/497, M.3321, Parish of Toombul.

Land titles register volume and folio number

Name and

postal address of owner

Name

s.73 irrelevant information

Address 119 Sandmere Road

PINKENBA

Postcode 4008

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 or cause of contamination will be sufficient. A separate attachment can be made if space is insufficient)

The site has accepted industrial refuse and refuse derived from the

demolition and construction of buildings as defined under the

Refuse Management Regulations (1983)

Desirable and additional information

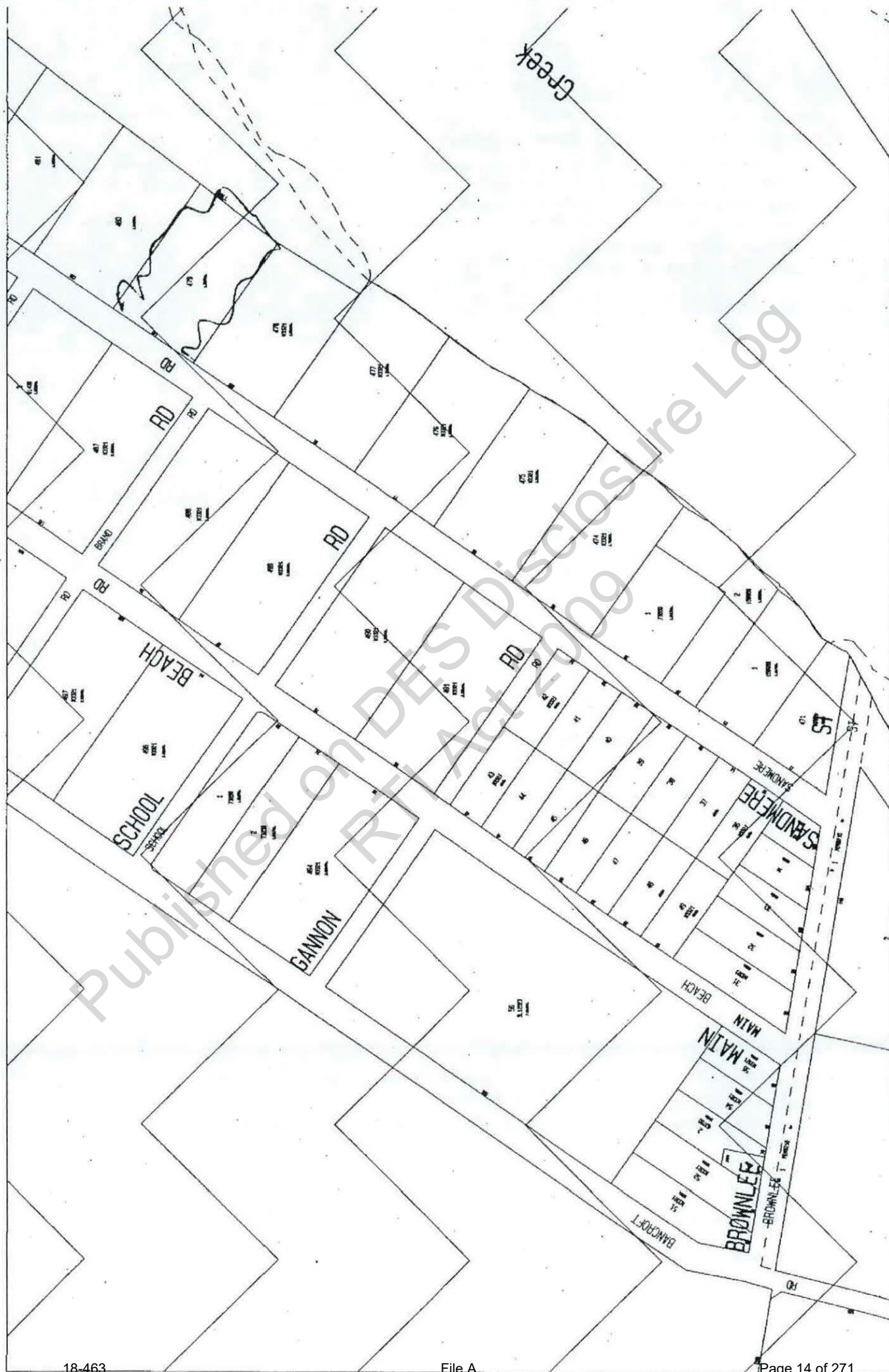
Area of each parcel in square metres (this information is used as a cross-check on the land description details)

Current local authority zoning of the land

The processing of this information would be greatly assisted by the inclusion of a map or locality plan.

If further information is required please contact:

Queensland Department of Environment and Heritage
Contaminated Sites Section
PO Box 155
BRISBANE ALBERT STREET QLD 4002
(07) 227 7370 • Fax (07) 227 7369



Contact name: **Mr Mark Taylor**
 Telephone: **225 4681**
 Fax (direct): **225 6341**
 Your ref.: **900440(pt3)**
 Our ref.: **390/6/27**
MT:AM

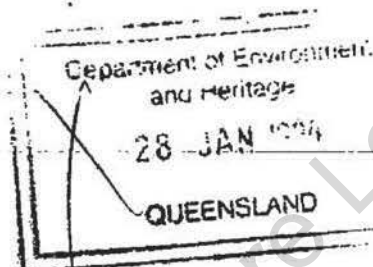


Brisbane City

Brisbane City Council
 69 Ann Street
 Brisbane
 Queensland
 GPO Box 1434
 Brisbane
 Australia 4001
 Facsimile 229 1168

24 January 1994

Mr Mark Paton
Chief Scientific Advisor
Contaminated Land Section
Queensland Department of
Environment and Heritage
PO Box 155
BRISBANE ALBERT STREET QLD 4002



34/01501

Dear Mr Paton

Thank you for your letter of 11 January, 1994.

Please find enclosed completed notification forms for prescribed purpose sites operating as landfills. Please proceed to place on the Contaminated Sites Register as 'probable' sites.

Yours sincerely

s.73 irrelevant information

Mark Taylor
Scientific Officer
Industrial/Commercial Waste
WASTE MANAGEMENT BRANCH

Please enter onto register
 as 'probable' sites.

Thanks

s.73 irrelevant informa

File Note

Application for review of original decision

- An application for review of original decision has been received by EHP on 5 July 2012 and a decision by EHP is required by the **19 July 2012** (*within 10 business days*) **pursuant to s521(5) of the EP Act**.
- Under s521(7) of the EP Act, the application **must not** be dealt with by
 - the person who made the original decision (in this case Kelli Ready A/Director) or
 - a person in a less senior office than Director
- In accordance with EHP policy, the review officer is to be nominated by the Assistant Director – General (in this case the Assistant Director – General would be Dean Ellwood).
- Copies of the original decision and the file note on which the decision was based are attached.

11 July 2012



**Queensland
Government**

Department of Environment and Heritage Protection (EHP)
ABN 46 640 294 485
Contaminated Land Unit Level 7 400 George St Brisbane, Queensland 4001
GPO Box 2454 Brisbane QLD 4001 AUSTRALIA
Telephone (07) 3330 5685 Facsimile (07) 3330 5634
http://www.derm.qld.gov.au/environmental_management/land/contaminated_land/

26 June 2012

Site ID: 716
File Number:
Enquiries to: contaminated.land@derm.qld.gov.au

JONDEE NOMINEES PTY LTD & VANDEE NOMINEES PTY LTD
PO BOX 522
VIRGINIA QLD 4014

NOTICE OF LAND LISTED ON THE ENVIRONMENTAL MANAGEMENT REGISTER

In accordance with section 374 of the *Environmental Protection Act 1994 (EP Act)* notice is given that the parcel of land described below has been listed on the Environmental Management Register (EMR).

Lot: 479 Plan: M3321
Brisbane City Council

119 SANDMERE ROAD
PINKENBA QLD 4008

The parcel of land has been recorded on the EMR as, after careful consideration of submissions, it is decided that the land has been, or is being used, for the following notifiable activities pursuant to section 374 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.

LANDFILL - disposing of waste (excluding inert construction and demolition waste).

The owner may apply for a review of the decision to record the land in the EMR within 10 business days after receipt of this notice, in accordance with section 521 of the *EP Act*. If you decide to apply for a review you must, in accordance with section 521(3), also give notice to the local government that you are seeking a review. You must forward to the local government the following documents:

- a notice of the application (the "review notice");
- a copy of the application and supporting documents.

The review notice must inform the local government that submissions on the application may be made within 5 business days after the application is made to the EHP, as required by section 521(4) of the *EP Act*. A land owner dissatisfied with a review decision may appeal against the decision in accordance with section 531 of the *EP Act*. A copy of sections 521 and 531 is attached to this notice.

Please note that the listing of a site on the EMR does not imply that the EHP considers the site to be "contaminated", nor does it require that the land be investigated and remediated. The listing does not imply that this site is unsuitable for its current use, nor does it imply that you are in breach of any conditions set out in any existing Development Approval issued for this site. Remediation would be needed if there were evidence that the site presented an unacceptable health or environmental risk for its current use. In the event that the site is redeveloped, the EHP may require that remediation or management of any contamination be conducted to protect public health and the environment.

It should also be noted that, with the issuing of this Notice under section 374, the following requirements apply under section 421 of the *EP Act*.

If the owner proposes to dispose of the land to someone else, the owner must, before agreeing to

Relea

dispose of the land, give written notice to the buyer that the particulars of the land have been recorded in the register.

Further information about contaminated land matters may be obtained by visiting our web-site at:
http://www.derm.qld.gov.au/environmental_management/land/contaminated_land/

s.73 irrelevant information

102
Kelli Ready
A/Director - Enforcement Services
BRISBANE

Delegate of Administering Authority
Environmental Protection Act 1994

CC: s.73 irrelevant infor

Butler Partners Pty Ltd
PO Box 2267
FORTITUDE VALLEY QLD 4006

Officers Assessment Report and Register Actions

NOTE: Validation Report

Note: Project Due Time Frames.

1. Date received at PALM 7 June 2012
2. Due Date: 6 July 2012.
3. Register Due Date: 8 days from the date of the decision to issue the notices

Subject: "Contaminated Site Investigation Remediation & Validation"

- Lot 479 on M 3321
- EMR: ASBESTOS MANUFACTURE AND DISPOSAL and LANDFILL
- Project No: 316592
- File no. – BNE 38395-2

Objectives of report

Removal of Lot 479 on M 3321 from the EMR

Discussion

- An asbestos impacted layer was found across the majority of the site. A layer of mainly asbestos sheeting has been placed upon the natural soil and covered with other fill material. In addition bags formally containing asbestos products, have been found in fill material located upon the site.
- Following removal of asbestos from the site, validation samples collected in the natural soil revealed no detectible traces of asbestos or asbestos fibres.
- Sampling methodology was in accordance with the Western Australia's *Guidelines for the Assessment, Remediation and Management of Asbestos-Contaminated Sites*. *Q - These are used as standard by GWD. H82*
- Remediation of the site for Asbestos Containing Material (ACM) has been successfully carried out; however the site is also on the EMR for Notifiable Activity 20 – Landfill.
- Therefore, Lot 479 on M 3321 **must remain on the Environmental Management Register (EMR)** for the Notifiable Activity 20 – Landfill
- It should be noted that a permit for "metal recovery" (Scrap Metal Yard) which is a Notifiable Activity 33 – Scrap yards - *operating a scrap yard including goods-handling yards, workshops and maintenance areas* was issued by Contaminated Land Unit (CLU) in October 2010.

Recommendations

- That the land owner be advised that Lot 479 on M 3321 has been **successfully remediated for Asbestos Containing Material (ACM)**, and that the Notifiable Activity 3 – *Asbestos Manufacture or Disposal* will be removed from the EMR; however Lot 479 on M 3321 will **remain on the EMR** for the Notifiable Activity 20 – Landfill.

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- That the land owner also must be advised that a permit was issued by Contaminated Land Unit (CLU) in October 2010 to use the land for metal recovery (Scrap Metal Yard) which is a "Notifiable Activity – Scrap yards and that under section 371 (1) of the Environmental Protection Act, if the owner or occupier of land becomes aware a notifiable activity is being carried out on the land, the owner or occupier must, within 22 business days after becoming aware the activity is being carried out, give notice under the subsection to the administering authority in the approved form.

Peter Koorockin

Principal Scientific Advisor (Contaminated Land Unit)

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Sign: _____

Date: 22 / 6 / 2012

Date received at PALM 7 June 2012

Due Date (20 Business Days After the Application is Deemed Valid): 6 July 2012

Delegate: Kelli Reedy

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Date: 25 / 6 / 12

Please Note:

If the delegate approves the above recommendation then registrar may proceed in issuing the necessary documentation.

This file note may be used as authorisation for the registrar to proceed with the notification process.

Attention Registrar:

Note: Due Date is 8 days after the decision is made to issue the notices.

Wendy - Please liaise with Peter re wording for the notification letter.

s.73 irrelevant information

25 / 6 / 12

Operational policy

Environmental Protection Act

Which officers review original decisions?

Operational policies provide a framework for consistent application and interpretation of legislation by the Department of Environment and Heritage Protection. Operational policies will not be applied inflexibly to all circumstances. Individual circumstances may require an alternative application of policy. This policy concerns s. 521 under the Environmental Protection Act 1994.

Policy issue

Which officers within the Department of Environment and Heritage Protection (EHP) can review original decisions under s. 521 of the *Environmental Protection Act 1994* (EP Act)?

Determination

Where the legislation provides for the review of an original decision by an EHP officer:

- if the original decision was made by an officer below Director or Assistant Director-General, the review officer will be nominated by the Director or Assistant Director-General, as appropriate; or
- if the original decision was made by a Director, the review officer will be nominated by the Assistant Director-General the Director reports to.

Section 521(7)(b) requires that the review officer must not be a person in a less senior office than the person who made the original decision.

Disclaimer:

While this document has been prepared with care it contains general information and does not profess to offer legal, professional or commercial advice. The Queensland Government accepts no liability for any external decisions or actions taken on the basis of this document. Persons external to the Department of Environment and Heritage Protection should satisfy themselves independently and by consulting their own professional advisors before embarking on any proposed course of action.

Approved by:

Omar Ameer
A/Director, Environmental Regulatory Practice
Department of Environment and Heritage Protection
Date: 5 June 2012

Enquiries:

Permit and Licence Management
Ph: 13 QGOV (13 74 68)
Fax: (07) 3896 3342
Email: palm@ehp.qld.gov.au

Extract from the *Environmental Protection Act 1954*

Procedure for review

521. (1) A dissatisfied person may apply for a review of an original decision.
- (2) The application must—
- (a) be made in the approved form to the administering authority;
 - (i) 10 business days after the day on which the administering authority is taken to have made the original decision; or
 - (ii) the longer period the authority in special circumstances may allow;
 - (b) be supported by enough information to enable the authority to make a review decision.
- (3) On or before making the application, the applicant must give notice of the application to—
- (a) other persons who were given notice of the original decision;
 - (b) the administering authority.
- (4) The review notice must inform the recipient that submissions on the application may be made to the administering authority within 5 business days after the application is made to the authority.
- (5) If the administering authority is satisfied the applicant has complied with subsections (2) and (3), the authority must, within 10 business days after receiving the application—
- (a) review the original decision; and
 - (b) consider any submissions properly made by a recipient of the review notice; and
 - (c) make a decision (the "review decision") to—
 - (i) confirm or revoke the original decision; or
 - (ii) vary the original decision in a way the administering authority considers appropriate.
- (6) The application does not stay the original decision.
- (7) The application must not be dealt with by—
- (a) the person who made the original decision; or
 - (b) a person in a less senior office than the person who made the original decision.
- (8) Within 10 business days after making the review decision, the administering authority must give written notice of the decision to the applicant and persons who were given notice of the original decision.
- (9) The notice must—
- (a) include the reasons for the review decision; and
 - (b) inform the persons of their right of appeal against the decision.
- (10) If the administering authority does not comply with subsection (5) or (8), the authority is taken to have made a decision confirming the original decision.
- (11) Subsection (7) applies despite the *Acts Interpretation Act 1954*, section 27A.
- (12) This section does not apply to an original decision made by—
- (a) for a matter, the administration and enforcement of which has been devolved to a local government—the local government itself or the chief executive officer of the local government personally; or
 - (b) for another matter—the chief executive personally.
- (13) Also, this section does not apply to an original decision to issue a clean-up notice.

Who may appeal

531. (1) A dissatisfied person who is dissatisfied with a review decision, other than a review decision to which subdivision 1 applies, may appeal against the decision to the Court.
- (2) The chief executive may appeal against another administering authority's decision (whether an original or review decision) to the Court.
- (3) A dissatisfied person who is dissatisfied with an original decision to which section 521 does not apply may appeal against the decision to the Court.

Form

Environmental Protection Act 1994

Application for review of original decision

This form is to be used when a person is dissatisfied with an original decision made by the Department of Environment and Heritage Protection under schedule 2 of the Environmental Protection Act 1994 (EP Act) and is seeking a review of that decision under s. 521 of that Act. Please answer the questions on this form in order, unless instructed to go to another question and label attachments alphabetically (e.g. Attachment A).

OFFICIAL USE ONLY

DATE RECEIVED:

FILE REF:

PROJECT REF:

COMPLETE FORM

CORRECT AA

COMPLETE FEE

ENTERED BY: [SIGNATURE]

DATE:

GUIDE:

For a list of the people who were given notice of the original decision, contact your local Department of Environment and Heritage Protection (EHP) office.

Refer to the information sheet Contact Details for Environmental Licensing Including Council Areas (EM148¹).

Application details

1. Applicant name

s.73 irrelevant info

2. Responsible person

s.73 irrelevant in

3. What is the original decision you want reviewed?

Notice of Land Listed on the EMR

4. When did you receive the notice of the original decision?

26 June 2012

5. What is the reference number for the original decision?

BNE 38395-2, Project No.: 316592, Permit Ref: CLEA03055312

6. When did you give notice of this application to the other people who received notice of the original decision?

3 July 2012

¹ This is the publication number, which can be used as a search term to find the latest version of the publication at <www.ehp.qld.gov.au>.

Form Application for review of original decision

Privacy statement

The Department of Environment and Heritage Protection (EHP) is committed to protecting the privacy, accuracy and security of your personal information in accordance with the *Information Privacy Act 2009*. EHP is collecting your personal information in accordance with s. 521 of the *Environmental Protection Act 1994* in order to review an original decision made by the department. The information will only be accessed by authorised employees within the department. Your information will not be given to any other person or agency unless you have given us permission or we are authorised or required by law. All information supplied on this form may be disclosed publicly in accordance with the *Right to Information Act 2009* and *Evidence Act 1977*. For queries about privacy matters email: AdminReview@ehp.qld.gov.au or phone: (07) 3896 3705.

¹ The maximum penalty for such action is 1665 penalty units for an individual, or 8325 penalty units where the applicant is a corporation (s. 181B(3) of the *Penalties and Sentences Act 1992* (PS Act)), or 2 years imprisonment. Refer to the PS Act for value of a penalty unit.

7. Declaration

Note: If you have not told the truth in this application you may be liable for prosecution under the relevant Acts or Regulations.

- I apply for the review of the original decision made by the administering authority as detailed in this application.
- I have given notice of this application to the other people who received notice of the original decision, informing them that submissions about this application must be received within 5 business days after this application is submitted.
- I have given a copy of this application and supporting documents to the other people who received notice of the original decision.
- I do solemnly and sincerely declare that the information provided is true and correct to the best of my knowledge. I understand that it is an offence under s. 480 of the EP Act to give to the administering authority, or an authorised person, a document containing information that I know is false, misleading or incomplete in a material particular¹.
- I understand that all information supplied on or with this application form may be disclosed publicly in accordance with the *Right to Information Act 2009* and the *Evidence Act 1977*.

APPLICANTS SIGNATURE:	s.73 irrelevant information	
APPLICANTS NAME:	s.73 irrelevant information	DATE: 10-7-12

8. Applicant checklist

- ☒ Application form(s) completed and signed
- ☒ Supporting information or accreditation attached (if applicable)
 - ☒ Each specific decision that you want reviewed
 - ☒ Reasons why you believe each decision is unreasonable or inappropriate
 - ☒ Documentation supporting your reasons

To access a list of state-wide licensing contact points for EHP visit our website at <www.ehp.qld.gov.au> for a copy of the information sheet Contact Details for Environmental Licensing Including Council Areas (EM148).

If you have any queries about how to complete this form correctly or need guidance on supporting information required please contact Permit and Licence Management on 13 QGOV (13 74 68).

Please return your completed application to:

Regular post:

Permit and Licence Management
Implementation and Support Unit
Department of Environment and Heritage Protection
GPO Box 2454
BRISBANE QLD 4001

Enquiries:

Phone: 13 QGOV (13 74 68)
Fax: (07) 3896 3342
Email: palm@ehp.qld.gov.au

Courier or Registered Post:

Permit and Licence Management
Implementation and Support Unit
Department of Environment and Heritage Protection
Level 3, 400 George Street
BRISBANE QLD 4000
(Hours 8:30am - 4:30pm business days)

Release



Butler Partners Pty Ltd
ABN 14 818 574 868
79 Doggett Street
Newstead, Queensland 4006
P.O. Box 2267
Fortitude Valley BC
Queensland 4006

www.butlerpartners.com.au

Ph: 61 7 3852 3800
Fx: 61 7 3852 3808
enquiries@butlerpartners.com.au

Project No. 05210

3 July 2012

Department of Environment and Heritage Protection - Contaminated Land Unit
GPO Box 2454
BRISBANE QLD 4001

Email: contaminated.land@derm.qld.gov.au

Attention: Mr P Koorockin

Dear s.73 irrel

RECEIVED
05 JUL 2012
PaEM

RE: APPLICATION FOR REVIEW OF DECISION TO INCLUDE LAND ON THE EMR
LOT 479 M3321
119 SANDMERE ROAD, PINKENBA

1.0 INTRODUCTION

In accordance with Section 521 of the *Environmental Protection Act*, 1994 (EP Act) a review of the decision to include Lot 479 on plan M3321 on the Environmental Management Register (EMR) is requested. Documentation to support the site being removed from the EMR is presented below.

Butler Partners Pty Ltd (Butler Partners) have been requested to apply for a review of the decision to include the site on the EMR by Jondée Nominees Pty Ltd and Vandee Nominees Pty Ltd, the current owners of Lot 479 on plan M3321.

2.0 BACKGROUND

The site described as Lot 479 on plan M3321, located at 119 Sandmere Road, Pinkenba is proposed to be developed for industrial land uses. The site covers a total area of 1.587 hectares, and has been historically used for agricultural land uses (peach orchard). Following the identification of Asbestos Containing Materials (ACM) (present in the form of bonded fibrous cement sheeting) Notification of Land forms were submitted to the (former) Environmental Protection Agency (now the Department of Environment and Heritage Protection (DEHP)) on 16 September 2005 in conjunction with an application for a Soil Disposal Permit. The site was subsequently listed on DEHP's Environmental Management Register (EMR).

Remediation works at the site were undertaken in a staged manner between October 2005 and March 2012 and comprised the excavation of asbestos material and disposal to landfill. The base of excavated areas were then visually inspected for the presence of asbestos material and validation samples taken across the excavation surface. In instances where validation samples detected the presence of asbestos, additional material was excavated and removed to landfill, and the excavation base re-validated. Details of remediation and validation works are presented in the following Butler Partners report:



Lot 479 M3321
119 Sandmere Road, Pinkenba
Project No.: 05210
3 July 2012

Released

Site Validation
Proposed Industrial Development
119 Sandmere Road, Pinkenba
Project No. 05219, 28 May 2012

Following submission of the Site Validation report, DEHP issued a notice of acceptance on 25 June 2012 stating that the DEHP's Contaminated Land Unit (CLU) was satisfied that the site had been successfully remediated for ACM, and that the 'Notifiable Activity 3 – Asbestos Manufacture or Disposal' would be removed from the EMR listing, however, the site would remain on the EMR for the 'Notifiable Activity 20 – Landfilling'. A 'Notice of Land Listed on the Environmental Management Register' was received from DEHP on 28 June 2012 (dated 26 June 2012).

3.0 DISCUSSION

It is understood that the decision to include Lot 479 on plan M3321 on the EMR was based on records indicating that the site had previously been used for landfilling purposes. Prior to the commencement of remediation and validation works at the site, the site had been filled and comprised a layer of ACM placed directly above the original ground surface level and capped to depths between 0.1m and 0.5m with fill material. As part of remediation and validation works, ACM and overlying fill material was excavated and transported to Veolia Environmental Services Wattle Glen landfill site for disposal, with the base of all excavation comprising natural soil material. Following removal of ACM, the site was then filled with up to 2.5m of material under Level 2 geotechnical inspection and testing. On the basis that previous fill material has been excavated and removed from the site, and the subsequent filling of the site has occurred in a controlled manner, it is considered that the site is no longer subject to the notifiable activity of 'landfilling'. Further information to support this is presented below.

3.1 Site Validation Works.

Following the excavation and removal of ACM and overlying fill material, the resulting excavation was visually inspected and validation samples collected. Remediation works comprised the excavation of ACM and fill material to the top of the original ground surface level, with excavation bases comprising natural grey and brown silty clays and clayey sands. Validation samples are discussed in Butler Partners' 'Site Validation' report, with photographs showing excavation bases presented in Photographs 1 to 3 below.

Lot 479 M3321
119 Sandmere Road, Pinkenba
Project No.: 05210
3 July 2012

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Photograph 1: View of excavation base, September 2009



Photograph 2: View of excavation base, December 2009

Release

Lot 479 M3321
119 Sandmere Road, Pinkenba
Project No.: 05210
3 July 2012



Photograph 3: View of excavation base and imported fill material placed following the remediation and validation of an adjacent area

3.2 Test Pitting

In order to confirm that ACM had been successfully removed from portions of the site, a total of twenty two test pits (TP1 to TP22) were excavated across the site. The location of the test pits are presented on Drawing No. 1 Rev A attached, with the locations also visible on the aerial photograph extract presented as Photograph 4.

For a description of the stratigraphy encountered in the test pits, the Test Pit Report sheets should be referred to (attached). In broad summary, the subsurface conditions encountered in the bores comprised a surface layer of fill between approximately 0.9m and 2.5m depth overlying brown and grey silty clays and clayey sands. Fill material generally comprised brown gravelly clays with cobbles of crushed concrete. Photograph 5 and Photograph 6 show fill material encountered during the test pitting program, with Photograph 7 showing a view of the site at the time of investigation.

According to the DEHP's operational policy (Licensing requirements for construction and demolition wastes, 2002) inert waste material, suitable for use as backfill onsite is classified as:

- Bricks, pavers and ceramics;
- Concrete (including embedded steel reinforcing), pulverised to a maximum 300mm nominal size; and
- Clean earthen fill (no identified contamination).

It is considered that the fill material observed during the test pitting program meets the requirements of DEHP's operation policy for inert waste material as outlined above.

Releas

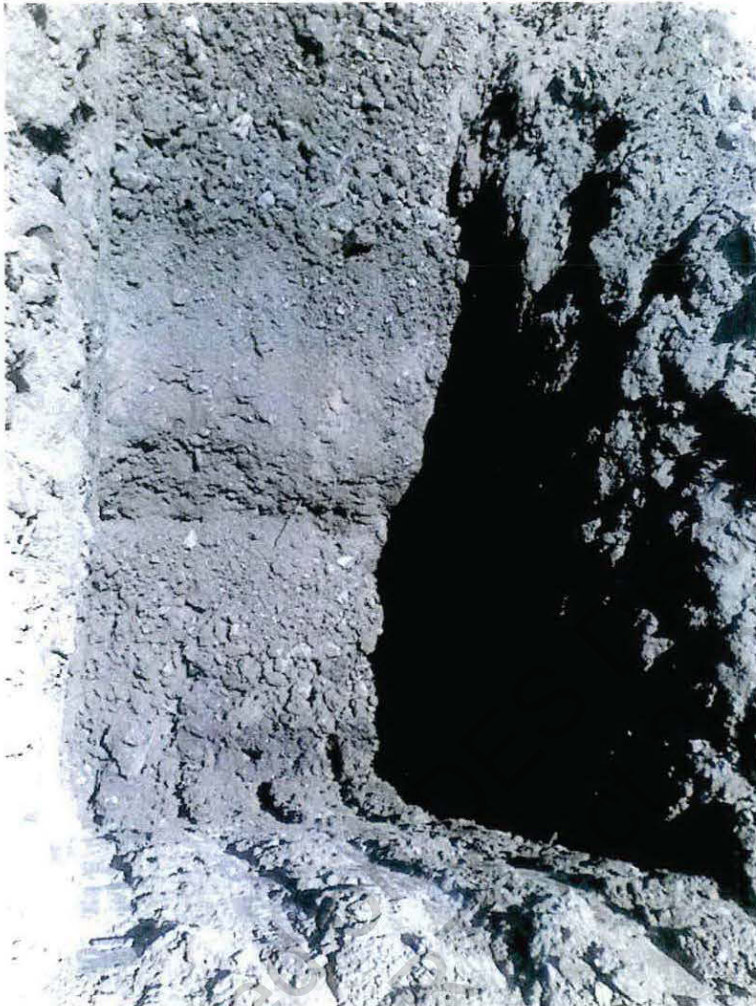
Lot 479 M3321
119 Sandmere Road, Pinkenba
Project No.: 05210
3 July 2012



Photograph 4: Aerial Photograph showing test pit locations (www.nearmap.com, 8 May 2012)

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Lot 479 M3321
119 Sandmere Road, Pinkenba
Project No.: 05210
3 July 2012



Photograph 5: View of fill material encountered during the excavation of Test Pit 9 (TP9)

Rel

Lot 479 M3321
119 Sandmere Road, Pinkenba
Project No.: 05210
3 July 2012



Photograph 6: View of fill material encountered during the excavation of Test Pit 2 (TP2)



Photograph 7: Panoramic view of the site at the time of investigation, looking north to east from the south western corner of the site.

3.3 Level 2 Geotechnical Inspection and Testing

As part of filling activities undertaken at the site, Level 2 geotechnical inspection and testing was undertaken by Elite Soil Testing Pty Ltd (Elite). Geotechnical inspection and testing was undertaken in accordance with Australian Standard (AS) 3798-2007, with supervision and testing confirming that greater than 98% Dry Density Ratio in accordance with AS1289 (Sections 5.3.1, 5.8.1, 5.1.1, 5.4.1 and 2.1.1) was achieved for material placed as fill across the site. A copy of Elite's certification report, with associated test results, is attached to this letter.

Release

Lot 479 M3321
119 Sandmere Road, Pinkenba
Project No.: 05210
3 July 2012

4.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the information presented above, and in conjunction with Butler Partners 'Site Validation' report, it is considered that works undertaken at the 119 Sandmere Road site have resulted in the successful removal of asbestos material and associated fill material across the entire site. Subsequent re-filling of the site has occurred in a controlled manner under Level 2 geotechnical inspection and testing. A testing pitting program, undertaken following re-filling of the site, has confirmed that the site has generally been filled with inert material.

On this basis, it is considered that Lot 479 on Lot M3321 is no longer subject to the notifiable activity of 'Landfilling', and therefore should be removed from the EMR.

In accordance with Section 521 of the EP Act, a copy of this application for review has been copied to Mr Erik Dekker of Brisbane City Council to inform them of the review notice and the review procedure as outlined in Section 521 of the EP Act.

Yours faithfully

BUTLER PARTNERS PTY LTD

s.73 irrelevant information

s.73 irrelevant information

Associate

Enc: DEHP Notice of Land Listed on the Environmental Management Register
Drawing No. 1 Rev A
Test Pit Report Sheets
Elite Soil Testing Certification Report



**Queensland
Government**

Department of Environment and Heritage Protection (EHP)
ABN 46 640 294 485
Contaminated Land Unit Level 7 400 George St Brisbane, Queensland 4001
GPO Box 2454 Brisbane QLD 4001 AUSTRALIA
Telephone (07) 3330 5685 Facsimile (07) 3330 5634
http://www.derm.qld.gov.au/environmental_management/land/contaminated_land/

26 June 2012

Site ID: 716
File Number:
Enquiries to: contaminated.land@derm.qld.gov.au

JONDEE NOMINEES PTY LTD & VANDEE NOMINEES PTY LTD
PO BOX 522
VIRGINIA QLD 4014

NOTICE OF LAND LISTED ON THE ENVIRONMENTAL MANAGEMENT REGISTER

In accordance with section 374 of the *Environmental Protection Act 1994 (EP Act)* notice is given that the parcel of land described below has been listed on the Environmental Management Register (EMR).

Lot: 479 Plan: M3321
Brisbane City Council

119 SANDMERE ROAD
PINKENBA QLD 4008

The parcel of land has been recorded on the EMR as, after careful consideration of submissions, it is decided that the land has been, or is being used, for the following notifiable activities pursuant to section 374 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.

LANDFILL - disposing of waste (excluding inert construction and demolition waste).

The owner may apply for a review of the decision to record the land in the EMR within 10 business days after receipt of this notice, in accordance with section 521 of the *EP Act*. If you decide to apply for a review you must, in accordance with section 521(3), also give notice to the local government that you are seeking a review. You must forward to the local government the following documents:

- a notice of the application (the "review notice");
- a copy of the application and supporting documents.

The review notice must inform the local government that submissions on the application may be made within 5 business days after the application is made to the EHP, as required by section 521(4) of the *EP Act*. A land owner dissatisfied with a review decision may appeal against the decision in accordance with section 531 of the *EP Act*. A copy of sections 521 and 531 is attached to this notice.

Please note that the listing of a site on the EMR does not imply that the EHP considers the site to be "contaminated", nor does it require that the land be investigated and remediated. The listing does not imply that this site is unsuitable for its current use, nor does it imply that you are in breach of any conditions set out in any existing Development Approval issued for this site. Remediation would be needed if there were evidence that the site presented an unacceptable health or environmental risk for its current use. In the event that the site is redeveloped, the EHP may require that remediation or management of any contamination be conducted to protect public health and the environment.

It should also be noted that, with the issuing of this Notice under section 374, the following requirements apply under section 421 of the *EP Act*.

If the owner proposes to dispose of the land to someone else, the owner must, before agreeing to

dispose of the land, give written notice to the buyer that the particulars of the land have been recorded in the register.

Further information about contaminated land matters may be obtained by visiting our web-site at:
http://www.derm.qld.gov.au/environmental_management/land/contaminated_land/

s.73 irrelevant information

For

Kelli Ready
A/Director - Enforcement Services
BRISBANE

Delegate of Administering Authority
Environmental Protection Act 1994

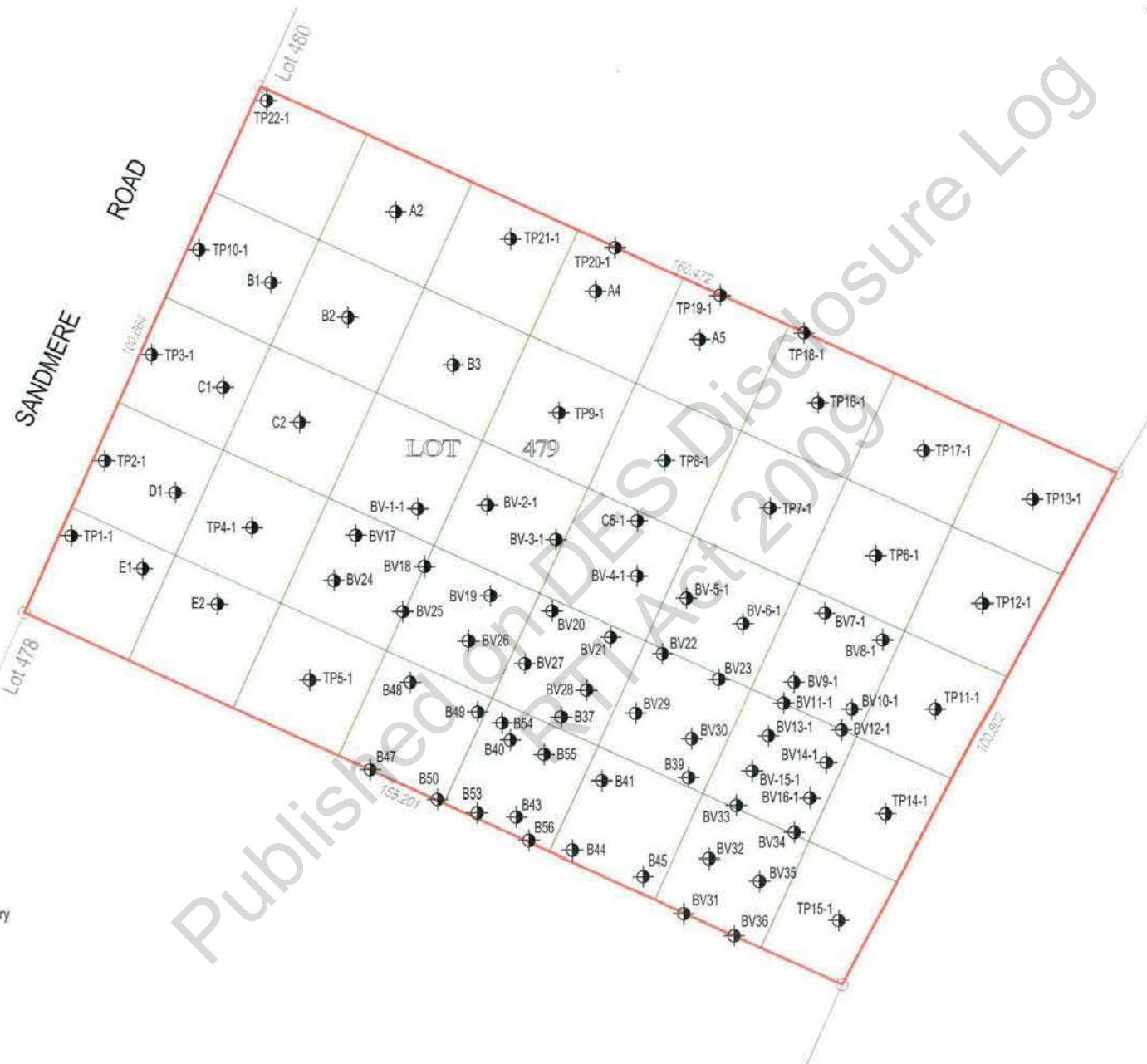
Published on DES Disclosure Log
RTI Act 2009



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LEGEND

- TP1-1 Validation Sample
- 20m Sampling Grid
- Lot 479 Site Boundary



UBD Reference: Map 122 Grid N15 (53rd Edition) nts

SITE REMEDIATION & VALIDATION

119 SANDMERE ROAD, PINKENBA

**LOCALITY PLAN AND VALIDATION SAMPLE
LOCATIONS**

CLIENT: L & D CONTRACTING

SCALE AT A3:



DATE: JUNE 2012

DRAWN: FD

APPROVED:

PROJECT No: 05210 RPT: VAL

DRAWING No: 1 REV: A

TEST PIT REPORT

**BUTLER
PARTNERS**

Client: L&D Contracting Pty Ltd

Project: Commercial Development

Location: 119 Sandmere Road, Pinkenba

Project No: 05210

TEST PIT 1

Page No: 1 of 1

Date: 29 February 2012

Ground Surface Level: RLTBAm*

Depth (m)	Description	RL (m)	Lithology	Sample Type	Sample Depth (m)	Sample ID	Test Results
0	FILL - crushed concrete and cobbles	TBA					
1	SILTY CLAY - grey			E	1.0 1.2	TP1-1	
	End of Test Pit at 1.5 m						
2							

D Disturbed Sample

B Buk Sample

V Vane Shear Strength (Uncorrected) kPa

E Environmental Sample

U Undisturbed Tube (50mm diameter)

pp Pocket Penetrometer Test (kPa)

Is(50) Point Load Test Results (MPa)

Rig: Zaxis 470L CH

Bucket Size: 1500mm

Groundwater: Free groundwater was encountered at 0.5m depth during excavation

Remarks:

 TEST PIT REPORT WITH SAMPLE ID 05210 - TEST PITS - L&D - PINKENBA.GPJ GENERAL LOG
 .LOG_TEMPLATE.GDT 27/12 GINT

TEST PIT REPORT

**BUTLER
PARTNERS**
Client: L&D Contracting Pty Ltd

Project: Commercial Development

Location: 119 Sandmere Road, Pinkenba

Project No: 05210

TEST PIT 2

Page No: 1 of 1

Date: 29 February 2012

Ground Surface Level: RL TBAm*

Depth (m)	Description	RL (m)	Lithology	Sample Type	Sample Depth (m)	Sample ID	Test Results
0	FILL - brown gravelly clay, fine to coarse subangular gravel	TBA					
1	SILTY CLAY - dark grey with brown mottle			E	0.9 1.0	TP2-1	
2	End of Test Pit at 1.2 m						

D Distrubed Sample
B Buk Sample
V Vane Shear Strength (Uncorrected) kPa

E Environmental Sample
U Undisturbed Tube (50mm diameter)

pp Pocket Penetrometer Test (kPa)
Is(50) Point Load Test Results (MPa)

Rig: Zaxis 470L CH

Bucket Size: 1500mm

Groundwater: Free groundwater was encountered at 0.5m depth during excavation

Remarks:

TEST PIT REPORT

**BUTLER
PARTNERS**

Client: L&D Contracting Pty Ltd

Project: Commercial Development

Location: 119 Sandmere Road, Pinkenba

Project No: 05210

TEST PIT 3

Page No: 1 of 1

Date: 2 March 2012

Ground Surface Level: RLTBAm*

Depth (m)	Description	RL (m)	Lithology	Sample Type	Sample Depth (m)	Sample ID	Test Results
0	FILL - brown sandy clay, fine to coarse grained sand	TBA					
1	- red brown silty clay						
	SILTY CLAY - dark grey			E	1.2	TP3-1	
	End of Test Pit at 1.4 m				1.4		
2							

D Disturbed Sample

B Bulk Sample

V Vane Shear Strength (Uncorrected) kPa

E Environmental Sample

U Undisturbed Tube (50mm diameter)

pp Pocket Penetrometer Test (kPa)

Is(50) Point Load Test Results (MPa)

Rig: Zaxis 470L CH

Bucket Size: 1500mm

Groundwater: Free groundwater was encountered at 1.0m depth during excavation

Remarks:

LOG_TEMPLATE.GDT 29/06/12 GINT

TEST PIT REPORT WITH SAMPLE ID 05210 - TEST PITTS - L&D - PINKENBA GPJ GENERAL

TEST PIT REPORT

**BUTLER
PARTNERS**

Client: L&D Contracting Pty Ltd

Project: Commercial Development

Location: 119 Sandmere Road, Pinkenba

Project No: 05210

TEST PIT 4

Page No: 1 of 1

Date: 29 February 2012

Ground Surface Level: RLTBAm*

Depth (m)	Description	RL (m)	Lithology	Sample Type	Sample Depth (m)	Sample ID	Test Results
0	FILL - brown clayey gravel, fine to coarse subangular gravel	TBA					
1.7	SANDY CLAY - grey with brown mottle, fine grained sand			E	1.7	TP4-1	
1.8					1.8		
2	End of Test Pit at 1.9 m						

D Disturbed Sample

E Environmental Sample

pp Pocket Penetrometer Test (kPa)

B Buk Sample

U Undisturbed Tube (50mm diameter)

Is(50) Point Load Test Results (MPa)

V Vane Shear Strength (Uncorrected) kPa

Rig: Zaxis 470L CH

Bucket Size: 1500mm

Groundwater: Free groundwater was encountered at 1.5m depth during excavation

Remarks:

TEST PIT REPORT

**BUTLER
PARTNERS**
Client: L&D Contracting Pty Ltd

Project: Commercial Development

Location: 119 Sandmere Road, Pinkenba

Project No: 05210

TEST PIT 5

Page No: 1 of 1

Date: 29 February 2012

Ground Surface Level: RLTBAm*

Depth (m)	Description	RL (m)	Lithology	Sample Type	Sample Depth (m)	Sample ID	Test Results
0	FILL - brown gravelly clay, fine to coarse subangular gravel	TBA					
1							
2	CLAYEY SAND - grey with brown mottle, fine grained			E	2.0	TP5-1	
	End of Test Pit at 2.2 m				2.2		

D Disturbed Sample

E Environmental Sample

pp Pocket Penetrometer Test (kPa)

B Bulk Sample

U Undisturbed Tube (50mm diameter)

Is(50) Point Load Test Results (MPa)

V Vane Shear Strength (Uncorrected) kPa

Rig: Zaxis 470L CH

Bucket Size: 1500mm

Groundwater: Free groundwater was encountered at 1.5m depth during excavation

Remarks:

TEST PIT REPORT

**BUTLER
PARTNERS**

Client: L&D Contracting Pty Ltd

Project: Commercial Development

Location: 119 Sandmere Road, Pinkenba

Project No: 05210

TEST PIT 6

Page No: 1 of 1

Date: 29 February 2012

Ground Surface Level: RLTBAm*

Depth (m)	Description	RL (m)	Lithology	Sample Type	Sample Depth (m)	Sample ID	Test Results
0	FILL - brown gravelly clay, fine to coarse subangular gravel	TBA					
1							
2	SILTY CLAY - dark grey/black			E	1.8	TP6-1	
	End of Test Pit at 2 m				2.0		

D Disturbed Sample

B Buk Sample

V Vane Shear Strength (Uncorrected) kPa

E Environmental Sample

U Undisturbed Tube (50mm diameter)

pp Pocket Penetrometer Test (kPa)

Is(50) Point Load Test Results (MPa)

Rig: Zaxis 470L CH

Bucket Size: 1500mm

Groundwater: Free groundwater was encountered at 1.8m depth during excavation

Remarks:

TEST PIT REPORT

**BUTLER
PARTNERS**
Client: L&D Contracting Pty Ltd

Project: Commercial Development

Location: 119 Sandmere Road, Pinkenba

Project No: 05210

TEST PIT 7
Page No: 1 of 1

Date: 29 February 2012

Ground Surface Level: RLTBAm*

Depth (m)	Description	RL (m)	Lithology	Sample Type	Sample Depth (m)	Sample ID	Test Results
0	FILL - brown gravelly clay, fine to coarse subangular gravel and cobbles	TBA					
1							
2							
	SILTY CLAY - brown and grey			E	2.3	TP7-1	
	End of Test Pit at 2.5 m				2.5		

D Disturbed Sample

B Buk Sample

V Vane Shear Strength (Uncorrected) kPa

E Environmental Sample

U Undisturbed Tube (50mm diameter)

pp Pocket Penetrometer Test (kPa)

Is(50) Point Load Test Results (MPa)

Rig: Zaxis 470L CH

Bucket Size: 1500mm

Groundwater: Free groundwater was encountered at 1.8m depth during excavation

Remarks:

TEST PIT REPORT

**BUTLER
PARTNERS**
Client: L&D Contracting Pty Ltd

Project: Commercial Development

Location: 119 Sandmere Road, Pinkenba

Project No: 05210

TEST PIT 8
Page No: 1 of 1

Date: 29 February 2012

Ground Surface Level: RLTBAm*

Depth (m)	Description	RL (m)	Lithology	Sample Type	Sample Depth (m)	Sample ID	Test Results
0	FILL - brown gravelly clay, fine to coarse subangular gravel and cobbles	TBA					
1							
2							
	SANDY CLAY - grey and brown mottled, fine grained sand			E	2.4 2.5	TP8-1	
	End of Test Pit at 2.5 m						

D Disturbed Sample

E Environmental Sample

pp Pocket Penetrometer Test (kPa)

B Buk Sample

U Undisturbed Tube (50mm diameter)

Is(50) Point Load Test Results (MPa)

V Vane Shear Strength (Uncorrected) kPa

Rig: Zaxis 470L CH

Bucket Size: 1500mm

Groundwater: Free groundwater was encountered at 1.9m depth during excavation

Remarks:

TEST PIT REPORT

**BUTLER
PARTNERS**

Client: L&D Contracting Pty Ltd

Project: Commercial Development

Location: 119 Sandmere Road, Pinkenba

Project No: 05210

TEST PIT 9

Page No: 1 of 1

Date: 29 February 2012

Ground Surface Level: RLTBAm*

Depth (m)	Description	RL (m)	Lithology	Sample Type	Sample Depth (m)	Sample ID	Test Results
0	FILL - brown gravelly clay, fine to coarse subangular gravel and cobbles	TBA					
1							
2							
	SANDY CLAY - grey and brown mottled, fine grained sand			E	2.4 2.5	TP9-1	
	End of Test Pit at 2.5 m						

D Disturbed Sample

B Buk Sample

V Vane Shear Strength (Uncorrected) kPa

E Environmental Sample

U Undisturbed Tube (50mm diameter)

pp Pocket Penetrometer Test (kPa)

Is(50) Point Load Test Results (MPa)

Rig: Zaxis 470L CH

Bucket Size: 1500mm

Groundwater: No free groundwater was encountered during excavation

Remarks:

TEST PIT REPORT

**BUTLER
PARTNERS**

Client: L&D Contracting Pty Ltd

Project: Commercial Development

Location: 119 Sandmere Road, Pinkenba

Project No: 05210

TEST PIT 10

Page No: 1 of 1

Date: 2 March 2012

Ground Surface Level: RLTBAm*

Depth (m)	Description	RL (m)	Lithology	Sample Type	Sample Depth (m)	Sample ID	Test Results
0	FILL - brown sandy clay, fine to coarse grained sand	TBA					
1							
	SILTY CLAY - dark grey			E	1.2 1.4	TP10-1	
	End of Test Pit at 1.5 m						
2							

D Disturbed Sample **E** Environmental Sample **pp** Pocket Penetrometer Test (kPa)
B Buk Sample **U** Undisturbed Tube (50mm diameter) **Is(50)** Point Load Test Results (MPa)
V Vane Shear Strength (Uncorrected) kPa

Rig: Zaxis 470L CH

Bucket Size: 1500mm

Groundwater: Free groundwater was encountered at 1.4m depth during excavation

Remarks:

TEST PIT REPORT

**BUTLER
PARTNERS**

Client: L&D Contracting Pty Ltd

Project: Commercial Development

Location: 119 Sandmere Road, Pinkenba

Project No: 05210

TEST PIT 11

Page No: 1 of 1

Date: 2 March 2012

Ground Surface Level: RLTBAm*

Depth (m)	Description	RL (m)	Lithology	Sample Type	Sample Depth (m)	Sample ID	Test Results
0	FILL - brown sandy gravelly clay, fine to coarse grained sand, fine to coarse subangular gravel	TBA					
1							
2							
	SANDY CLAY - dark grey, fine grained			E	2.5	TP11-1	
	End of Test Pit at 2.7 m				2.7		

D Distrubed Sample

E Environmental Sample

pp Pocket Penetrometer Test (kPa)

B Buk Sample

U Undisturbed Tube (50mm diameter)

Is(50) Point Load Test Results (MPa)

V Vane Shear Strength (Uncorrected) kPa

Rig: Zaxis 470L CH

Bucket Size: 1500mm

Groundwater: No free groundwater was encountered during excavation

Remarks:

TEST PIT REPORT

**BUTLER
PARTNERS**
Client: L&D Contracting Pty Ltd

Project: Commercial Development

Location: 119 Sandmere Road, Pinkenba

Project No: 05210

TEST PIT 12
Page No: 1 of 1

Date: 2 March 2012

Ground Surface Level: RLTBAm*

Depth (m)	Description	RL (m)	Lithology	Sample Type	Sample Depth (m)	Sample ID	Test Results
0	FILL - brown sandy gravelly clay, fine to coarse grained sand, fine to coarse subangular gravel	TBA					
1							
2							
	CLAYEY SAND - grey and brown mottled, fine grained			E	2.2 2.3	TP12-1	
	End of Test Pit at 2.4 m						

D Disturbed Sample

E Environmental Sample

pp Pocket Penetrometer Test (kPa)

B Buk Sample

U Undisturbed Tube (50mm diameter)

Is(50) Point Load Test Results (MPa)

V Vane Shear Strength (Uncorrected) kPa

Rig: Zaxis 470L CH

Bucket Size: 1500mm

Groundwater: No free groundwater was encountered during excavation

Remarks:

TEST PIT REPORT

**BUTLER
PARTNERS**
Client: L&D Contracting Pty Ltd

Project: Commercial Development

Location: 119 Sandmere Road, Pinkenba

Project No: 05210

TEST PIT 13
Page No: 1 of 1

Date: 2 March 2012

Ground Surface Level: RLTBAm*

Depth (m)	Description	RL (m)	Lithology	Sample Type	Sample Depth (m)	Sample ID	Test Results
0	FILL - brown sandy gravelly clay, fine to coarse grained sand, fine to coarse subangular gravel	TBA					
1							
2							
	CLAYEY SAND - grey, fine grained			E	2.3 2.4	TP13-1	
	End of Test Pit at 2.5 m						

D Disturbed Sample

E Environmental Sample

pp Pocket Penetrometer Test (kPa)

B Buk Sample

U Undisturbed Tube (50mm diameter)

Is(50) Point Load Test Results (MPa)

V Vane Shear Strength (Uncorrected) kPa

Rig: Zaxis 470L CH

Bucket Size: 1500mm

Groundwater: No free groundwater was encountered during excavation

Remarks:

TEST PIT REPORT

**BUTLER
PARTNERS**
Client: L&D Contracting Pty Ltd

Project: Commercial Development

Location: 119 Sandmere Road, Pinkenba

Project No: 05210

TEST PIT 14
Page No: 1 of 1

Date: 2 March 2012

Ground Surface Level: RLTBAm*

Depth (m)	Description	RL (m)	Lithology	Sample Type	Sample Depth (m)	Sample ID	Test Results
0	FILL - brown sandy gravelly clay, fine to coarse grained sand, fine subangular gravel	TBA					
1							
2							
	CLAYEY SAND - grey, fine grained			E	2.3 2.4	TP14-1	
	End of Test Pit at 2.5 m						

D Disturbed Sample

E Environmental Sample

pp Pocket Penetrometer Test (kPa)

B Buk Sample

U Undisturbed Tube (50mm diameter)

Is(50) Point Load Test Results (MPa)

V Vane Shear Strength (Uncorrected) kPa

Rig: Zaxis 470L CH

Bucket Size: 1500mm

Groundwater: No free groundwater was encountered during excavation

Remarks:

TEST PIT REPORT

**BUTLER
PARTNERS**

Client: L&D Contracting Pty Ltd

Project: Commercial Development

Location: 119 Sandmere Road, Pinkenba

Project No: 05210

TEST PIT 15

Page No: 1 of 1

Date: 2 March 2012

Ground Surface Level: RLTBAm*

Depth (m)	Description	RL (m)	Lithology	Sample Type	Sample Depth (m)	Sample ID	Test Results
0	FILL - brown sandy gravelly clay, fine to coarse grained sand, fine to coarse subangular gravel	TBA					
1							
2	SANDY CLAY - grey, fine grained			E	1.9 2.0	TP15-1	
	End of Test Pit at 2.1 m						

D Disturbed Sample **E** Environmental Sample **pp** Pocket Penetrometer Test (kPa)
B Buk Sample **U** Undisturbed Tube (50mm diameter) **Is(50)** Point Load Test Results (MPa)
V Vane Shear Strength (Uncorrected) kPa

Rig: Zaxis 470L CH

Bucket Size: 1500mm

Groundwater: No free groundwater was encountered during excavation

Remarks:

TEST PIT REPORT

**BUTLER
PARTNERS**
Client: L&D Contracting Pty Ltd

Project: Commercial Development

Location: 119 Sandmere Road, Pinkenba

Project No: 05210

TEST PIT 16
Page No: 1 of 1

Date: 2 March 2012

Ground Surface Level: RLTBAm*

Depth (m)	Description	RL (m)	Lithology	Sample Type	Sample Depth (m)	Sample ID	Test Results
0	FILL - brown sandy gravelly clay, fine to coarse grained sand, fine to coarse subangular gravel	TBA					
1							
2	CLAYEY SAND - grey, fine grained			E	1.9 2.0	TP16-1	
	End of Test Pit at 2.2 m						

D Disturbed Sample

E Environmental Sample

pp Pocket Penetrometer Test (kPa)

B Bulk Sample

U Undisturbed Tube (50mm diameter)

Is(50) Point Load Test Results (MPa)

V Vane Shear Strength (Uncorrected) kPa

Rig: Zaxis 470L CH

Bucket Size: 1500mm

Groundwater: No free groundwater was encountered during excavation

Remarks:

TEST PIT REPORT

**BUTLER
PARTNERS**
Client: L&D Contracting Pty Ltd

Project: Commercial Development

Location: 119 Sandmere Road, Pinkenba

Project No: 05210

TEST PIT 17

Page No: 1 of 1

Date: 2 March 2012

Ground Surface Level: RLTBAm*

Depth (m)	Description	RL (m)	Lithology	Sample Type	Sample Depth (m)	Sample ID	Test Results
0	FILL - brown sandy gravelly clay, fine to coarse grained sand, fine to coarse subangular gravel	TBA					
1							
2							
	SANDY CLAY - grey, fine grained			E	2.1 2.3	TP17-1	
	End of Test Pit at 2.4 m						

D Disturbed Sample
B Bulk Sample
V Vane Shear Strength (Uncorrected) kPa

E Environmental Sample
U Undisturbed Tube (50mm diameter)

pp Pocket Penetrometer Test (kPa)
Is(50) Point Load Test Results (MPa)

Rig: Zaxis 470L CH

Bucket Size: 1500mm

Groundwater: Free groundwater was encountered at 1.5m depth during excavation

Remarks:

TEST PIT REPORT

**BUTLER
PARTNERS**

Client: L&D Contracting Pty Ltd

Project: Commercial Development

Location: 119 Sandmere Road, Pinkenba

Project No: 05210

TEST PIT 18

Page No: 1 of 1

Date: 2 March 2012

Ground Surface Level: RLTBAm*

Depth (m)	Description	RL (m)	Lithology	Sample Type	Sample Depth (m)	Sample ID	Test Results
0	FILL - brown sandy gravelly clay, fine to coarse grained sand, fine to coarse subangular gravel	TBA					
1							
2	SANDY CLAY - grey, fine grained			E	1.9 2.1	TP18-1	
	End of Test Pit at 2.2 m						

D Disturbed Sample

B Buk Sample

V Vane Shear Strength (Uncorrected) kPa

E Environmental Sample

U Undisturbed Tube (50mm diameter)

pp Pocket Penetrometer Test (kPa)

Is(50) Point Load Test Results (MPa)

Rig: Zaxis 470L CH

Bucket Size: 1500mm

Groundwater: No free groundwater was encountered during excavation

Remarks:

TEST PIT REPORT

**BUTLER
PARTNERS**

Client: L&D Contracting Pty Ltd

Project: Commercial Development

Location: 119 Sandmere Road, Pinkenba

Project No: 05210

TEST PIT 19

Page No: 1 of 1

Date: 2 March 2012

Ground Surface Level: RLTBAm*

Depth (m)	Description	RL (m)	Lithology	Sample Type	Sample Depth (m)	Sample ID	Test Results
0	FILL - brown sandy gravelly clay, fine to coarse grained sand, fine to coarse subangular gravel	TBA					
1							
	SILTY CLAY - dark grey			E	1.3 1.4	TP19-1	
	End of Test Pit at 1.5 m						
2							

D Disturbed Sample

E Environmental Sample

pp Pocket Penetrometer Test (kPa)

B Bulk Sample

U Undisturbed Tube (50mm diameter)

Is(50) Point Load Test Results (MPa)

V Vane Shear Strength (Uncorrected) kPa

Rig: Zaxis 470L CH

Bucket Size: 1500mm

Groundwater: No free groundwater was encountered during excavation

Remarks:

TEST PIT REPORT

**BUTLER
PARTNERS**

Client: L&D Contracting Pty Ltd

Project: Commercial Development

Location: 119 Sandmere Road, Pinkenba

Project No: 05210

TEST PIT 20

Page No: 1 of 1

Date: 2 March 2012

Ground Surface Level: RLTBAm*

Depth (m)	Description	RL (m)	Lithology	Sample Type	Sample Depth (m)	Sample ID	Test Results
0	FILL - brown sandy gravelly clay, fine to coarse grained sand, fine to coarse subangular gravel	TBA					
1.5	CLAYEY SAND - grey, fine grained			E	1.5	TP20-1	
1.7					1.7		
2	End of Test Pit at 1.8 m						

D Disturbed Sample

E Environmental Sample

pp Pocket Penetrometer Test (kPa)

B Bulk Sample

U Undisturbed Tube (50mm diameter)

Is(50) Point Load Test Results (MPa)

V Vane Shear Strength (Uncorrected) kPa

Rig: Zaxis 470L CH

Bucket Size: 1500mm

Groundwater: Free groundwater was encountered at 1.4m depth during excavation

Remarks:

TEST PIT REPORT

**BUTLER
PARTNERS**
Client: L&D Contracting Pty Ltd

Project: Commercial Development

Location: 119 Sandmere Road, Pinkenba

Project No: 05210

TEST PIT 21

Page No: 1 of 1

Date: 2 March 2012

Ground Surface Level: RLTBAm*

Depth (m)	Description	RL (m)	Lithology	Sample Type	Sample Depth (m)	Sample ID	Test Results
0	FILL - brown sandy gravelly clay, fine to coarse grained sand, fine to coarse subangular gravel	TBA					
1.5	SANDY CLAY - grey, fine grained			E	1.5	TP21-1	
1.7	End of Test Pit at 1.7 m				1.7		
2							

D Disturbed Sample

E Environmental Sample

pp Pocket Penetrometer Test (kPa)

B Bulk Sample

U Undisturbed Tube (50mm diameter)

Is(50) Point Load Test Results (MPa)

V Vane Shear Strength (Uncorrected) kPa

Rig: Zaxis 470L CH

Bucket Size: 1500mm

Groundwater: Free groundwater was encountered at 1.4m depth during excavation

Remarks:

TEST PIT REPORT

**BUTLER
PARTNERS**

Client: L&D Contracting Pty Ltd

Project: Commercial Development

Location: 119 Sandmere Road, Pinkenba

Project No: 05210

TEST PIT 22

Page No: 1 of 1

Date: 2 March 2012

Ground Surface Level: RLTBAm*

Depth (m)	Description	RL (m)	Lithology	Sample Type	Sample Depth (m)	Sample ID	Test Results
0	FILL - brown sandy gravelly clay, fine to coarse grained sand, fine to coarse subangular gravel	TBA					
1.7	CLAYEY SAND - grey brown, fine sand			E	1.7	TP22-1	
1.9	End of Test Pit at 1.9 m				1.9		

D Disturbed Sample

E Environmental Sample

pp Pocket Penetrometer Test (kPa)

B Bulk Sample

U Undisturbed Tube (50mm diameter)

Is(50) Point Load Test Results (MPa)

V Vane Shear Strength (Uncorrected) kPa

Rig: Zaxis 470L CH

Bucket Size: 1500mm

Groundwater: Free groundwater was encountered at 1.7m depth during excavation

Remarks:

TEST PIT REPORT

**BUTLER
PARTNERS**
Client: L&D Contracting Pty Ltd

Project: Commercial Development

Location: 119 Sandmere Road, Pinkenba

Project No: 05210

TEST PIT 22
Page No: 1 of 1

Date: 2 March 2012

Ground Surface Level: RLTBAmAHD*

Depth (m)	Description	RL (m)	Lithology	Sample Type	Sample Depth (m)	Test Results
0	FILL - brown sandy gravelly clay, fine to coarse grained sand, fine to coarse subangular gravel	TBA				
1.7	CLAYEY SAND - grey brown, fine sand			E		
1.9	End of Test Pit at 1.9 m					

D Disturbed Sample

B Bulk Sample

V Vane Shear Strength (Uncorrected) kPa

E Environmental Sample

U Undisturbed Tube (50mm diameter)

pp Pocket Penetrometer Test (kPa)

Is(50) Point Load Test Results (MPa)

Rig: Zaxis 470L CH

Bucket Size: 1500mm

Groundwater: Free groundwater was encountered at 1.7m depth during excavation

Remarks:

Elite SOIL TESTING PTY LTD

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Email: admin@elitesoiltesting.com.au Website: www.elitesoiltesting.com.au

ABN: 97 113 538 748

ACN: 113 538 748

L & D CONTRACTING

Report on AS 3798 – 2007

Level 2

Geotechnical Inspection & Testing

Lots 478 & 479 Sandmere Road.

Lots 478 & 479 Sandmere Road, Pinkenba.



Report Date:
Job Number:
Contractor:

13 August 2010
J0935
L & D Contracting

Job No.J0935
13 August 2010

L & D Contracting
Po Box 49
Virginia Q 4014

Attn: s.73 irrelevant informat

RE: Lots 478 & 479 Sandmere Road.

SCOPE

Elite Soil Testing was commissioned by L & D Contracting to provide Geotechnical Inspection and Testing on a "Level 2" basis in accordance with SECTION B of AS 3798-2007 "Guidelines on Earthworks for Commercial and Residential Developments".

Site inspections and testing were carried out in general compliance with the Australian Standard and the local authority testing requirements.

This report is provided to show what sampling and testing has been carried out and their locations and results. No opinion on the earthworks or their suitability for any purpose can be made as our commission for this project was under a Level 2 basis.

The project encompasses the reconfiguration for 2 industrial allotments.

Some filling was required as part of the development and for this work the scope of the Level 2 inspection and testing was:

- (i) Provide supervision and compaction control testing of placed fill materials.

SITE INSPECTION AND COMPACTION CONTROL TESTING

Material won from cut areas of the site together with some Imported Fill stockpiled on site was considered suitable for use as fill. This fill material was moisture conditioned and placed in near-horizontal layers of uniform thickness across the fill area. Each fill layer was compacted with a vibrating pad foot roller.

Field density test locations were selected at random, and staggered across the fill areas. The test locations as described on the Field Density Report were not professionally surveyed and should only be considered as the approximate location.

Test results on controlled fill placed under supervision indicate that the minimum specification requirement of greater than 98% Dry Density Ratio in accordance with AS1289 .5.3.1, 5.8.1, 5.1.1, 5.4.1 & 2.1.1 (standard compaction test) was achieved.

CONCLUSION

We confirm that the results obtained from compaction control testing, together with observations made during supervised earthworks operations, indicate that the fill materials were placed to a maximum depth of 1.5 metres under Level 2 supervision.

The limitations on Level 2 Certification unless otherwise stated in this report do not address or include; slope stability, soft, reactive or contaminated soils, backfill to trenches and/or retaining walls and topsoil placed after filling.

s.73 irrelevant inform

s.73 irrelevant information

Managing Director

Elite SOIL TESTING PTY LTD

PO Box 644, Kallangur QLD 4503
Email: admin@elitesoiltesting.com.au
ACN 113 538 748

Phone: 3285 5583
Fax: 3285 5589
ABN 97 113 538 748

Dry Density Ratio Report

Client :	L & D Contracting	Report Number:	J0935 - 1
Address:	Po Box 49 Virginia Qld 4014	Report Date :	25/05/2009
Job Number :	J0935	Order Number:	
Project :	Lots 478 & 479	Test Method:	AS1289.5.4.1
Location :	Lots 478 & 479 Sandmere Road , Pinkenba		

Page 1 of 1

Lab No :	L09/1224	L09/1225	L09/1236	L09/1237
ID No :	1	2	3	4
Lot No :	-	-	-	-
Ite :	-	-	-	-
Date Sampled :	15/5/2009	15/5/2009	18/5/2009	18/5/2009
Date/Time Tested :	15/5/2009 / -	15/5/2009 / -	18/5/2009 / -	18/5/2009 / -
Material Source :	Onsite	Onsite	Onsite	Onsite
For Use As :	Fill	Fill	Fill	Fill
Sample Location :	Lot 479 Cell 2 63m off West 38m off North 1.6m BFL	Lot 479 Cell 2 60m off West 10m off North 1.6m BFL	Lot 479 Cell 2 65m off West 34m off North 1.2m BFL	Lot 479 Cell 2 55m off West 35m off North 0.7m BFL
Test/Layer Depth (mm)	150 / 300	150 / 300	150 / 300	150 / 300
Max Size (mm) :	19.0	19.0	19.0	19.0
Oversize Wet (%) :	-	-	18	17
Oversize Dry (%) :	-	-	18	16
Field Moisture (%) :	12.5	13.0	10.8	10.0
MDR No :	L09/1224	L09/1225	L09/1236	L09/1237
As: MDR :	No	No	No	No
Field Dry Density (t/m³)	1.885	1.888	1.870	1.859
MDD (t/m³) :	1.89	1.88	1.91*	1.94*
OMC (%) :	13.5	12.5	10.5	10.0
Variation from OMC	1% dry of omc	0.5% wet of omc	0.5% wet of omc	0% wet of omc
Field Density Method :	AS1289.5.8.1	AS1289.5.8.1	AS1289.5.8.1	AS1289.5.8.1
MC Method :	AS1289.2.1.1	AS1289.2.1.1	AS1289.2.1.1	AS1289.2.1.1
Compactive Effort :	Standard	Standard	Standard	Standard
Moisture Ratio / Spec(%) :	91 / -	105.5 / -	105 / -	102 / -
Dry Density Ratio (%) :	100.0	100.5	98.0	95.5
Min Dry Dens Ratio (%)	98	98	98	98

Remarks :

* - Denotes corrected for oversize

 <p>WORK IS PERFORMED TO ACCREDITATION</p>	<p>This document is issued in accordance with NATA's accreditation requirements. Accredited for compliance with ISO/IEC 17025. The results of the tests, calibrations and/or measurements included in this document are traceable to Australian/national standards.</p>	<p>APPROVED SIGNATORY</p> <p>s.73 irrelevant informat</p> <p>NATA Accred No:15336</p>	<p>FORM NUMBER</p> <p>RP83-2</p>
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Elite SOIL TESTING PTY LTD

PO Box 644, Kallangur QLD 4503
 Email: admin@elitesoiltesting.com.au
 ACN 113 538 748

Phone: 3285 5583
 Fax: 3285 5589
 ABN 97 113 538 748

Dry Density Ratio Report

Client :	L & D Contracting	Report Number:	J0935 - 2
Address:	Po Box 49 Virginia Qld 4014	Report Date :	25/05/2009
Job Number :	J0935	Order Number:	
Project :	Lots 478 & 479	Test Method:	AS1289.5.4.1
Location :	Lots 478 & 479 Sandmere Road , Pinkenba		

Page 1 of 1

Lab No :	L09/1238	L09/1239	
ID No :	5	6	
Lot No :	-	-	
Item No :	-	-	
Date Sampled :	18/5/2009	18/5/2009	
Date/Time Tested :	18/5/2009 / -	18/5/2009 / -	
Material Source :	Onsite	Onsite	
For Use As :	Fill	Fill	
Sample Location :	Lot 479 Cell 2 59m off West 14m off North 0.7m BFL	Lot 479 Cell 2 81m off West 9m off North 1.1m BFL	
Test/Layer Depth (mm)	150 / 300	150 / 300	
Max Size (mm) :	19.0	19.0	
Oversize Wet (%) :	17	18	
Oversize Dry (%) :	17	18	
Field Moisture (%) :	10.7	10.7	
MDR No :	L09/1238	L09/1239	
Assigned MDR :	No	No	
Field Dry Density (t/m³)	1.990	1.745	
MDD (t/m³) :	1.92*	1.91*	
OMC (%) :	9.5	9.5	
Variation from OMC	1% wet of omc	1% wet of omc	
Field Density Method :	AS1289.5.8.1	AS1289.5.8.1	
MC Method :	AS1289.2.1.1	AS1289.2.1.1	
Compactive Effort :	Standard	Standard	
Moisture Ratio / Spec(%) :	111.5 / -	112.5 / -	
Dry Density Ratio (%) :	104.0	91.5	
Min Dry Dens Ratio (%)	98	98	

Remarks :

* - Denotes corrected for oversize



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APPROVED SIGNATORY
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FORM NUMBER

RP83-2

NATA Accred No:15336

Elite SOIL TESTING PTY LTD

PO Box 644, Kallangur QLD 4503
Email: admin@elitesoiltesting.com.au
ACN 113 538 748

Phone: 3285 5583
Fax: 3285 5589
ABN 97 113 538 748

Dry Density Ratio Report

Client :	L & D Contracting	Report Number:	J0935 - 3
Address:	Po Box 49 Virginia Qld 4014	Report Date :	21/07/2009
Job Number :	J0935	Order Number:	
Project :	Lots 478 & 479	Test Method:	AS1289.5.4.1
Location :	Lots 478 & 479 Sandmere Road , Pinkenba		

Page 1 of 1

Lab No :	L09/1663	L09/1664	L09/1665	
ID No :	7	8	9	
Lot No :	-	-	-	
Item :	-	-	-	
Date Sampled :	16/7/2009	16/7/2009	16/7/2009	
Date/Time Tested :	16/7/2009 / 8am	16/7/2009 / 8am	16/7/2009 / 8am	
Material Source :	Onsite	Onsite	Onsite	
For Use As :	Fill	Fill	Fill	
Sample Location :	Lot 479 Cell 2 86m off West Boundary 37m off North Boundary 1.6m BFL	Lot 479 Cell 2 RETEST L09/1237 0.7m BFL	Lot 479 Cell 2 RETEST L09/1239 1.1m BFL	
Test/Layer Depth (mm)	150 / 300	150 / 300	150 / 300	
Max Size (mm) :	19.0	19.0	19.0	
Oversize Wet (%) :	18	18	17	
Oversize Dry (%) :	19	19	17	
Field Moisture (%) :	11.0	11.2	10.4	
MDR No :	L09/1663	L09/1664	L09/1665	
As: MDR :	No	No	No	
Field Dry Density (t/m³)	1.952	1.787	1.991	
MDD (t/m³) :	1.94*	1.94*	1.94*	
OMC (%) :	10.0	9.5	11.0	
Variation from OMC	1% wet of omc	1.5% wet of omc	0.5% dry of omc	
Field Density Method :	AS1289.5.8.1	AS1289.5.8.1	AS1289.5.8.1	
MC Method :	AS1289.2.1.1	AS1289.2.1.1	AS1289.2.1.1	
Compactive Effort :	Standard	Standard	Standard	
Moisture Ratio / Spec(%) :	111 / -	118 / -	95.5 / -	
Dry Density Ratio (%) :	101.0	93.0	103.0	
Min Dry Dens Ratio (%)	98	98	98	

Remarks :

* - Denotes corrected for oversize

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Elite SOIL TESTING PTY LTD

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 ABN 97 113 538 748

Dry Density Ratio Report

Client :	L & D Contracting	Report Number:	J0935 - 4
Address:	Po Box 49 Virginia Qld 4014	Report Date :	27/07/2009
Job Number :	J0935	Order Number:	
Project :	Lots 478 & 479	Test Method:	AS1289.5.4.1
Location :	Lots 478 & 479 Sandmere Road , Pinkenba		

Page 1 of 1

Lab No :	L09/1692	L09/1693	L09/1694	
ID No :	10	11	12	
Lot No :	-	-	-	
Item No :	-	-	-	
Date Sampled :	21/7/2009	21/7/2009	21/7/2009	
Date/Time Tested :	21/7/2009 / -	21/7/2009 / -	21/7/2009 / -	
Material Source :	Onsite	Onsite	Onsite	
For Use As :	Fill	Fill	Fill	
Sample Location :	Lot 479 Cell 2 RETEST L09/1664 0.7m BFL	Lot 479 Cell 2 21m off North Boundary 81m off West Boundary 0.5m BFL	Lot 479 Cell 2 7m off North Boundary 88m off West Boundary 0.4m BFL	
Test/Layer Depth (mm)	150 / 300	150 / 300	150 / 300	
Max Size (mm) :	19.0	19.0	19.0	
Oversize Wet (%) :	18	16	17	
Oversize Dry (%) :	20	17	18	
Field Moisture (%) :	11.2	11.2	10.3	
MDR No :	L09/1692	L09/1693	L09/1694	
Assigned MDR :	No	No	No	
Field Dry Density (t/m ³)	1.916	1.879	1.800	
MDD (t/m ³) :	1.95*	1.92*	1.95*	
OMC (%) :	12.0	11.5	10.5	
Variation from OMC	0.5% dry of omc	0.5% dry of omc	0.5% dry of omc	
Field Density Method :	AS1289.5.8.1	AS1289.5.8.1	AS1289.5.8.1	
MC Method :	AS1289.2.1.1	AS1289.2.1.1	AS1289.2.1.1	
Compactive Effort :	Standard	Standard	Standard	
Moisture Ratio / Spec(%) :	94 / -	97.5 / -	96.5 / -	
Dry Density Ratio (%) :	99.5	99.0	93.0	
Min Dry Dens Ratio (%)	98	98	98	

Remarks :

* - Denotes corrected for oversize



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RP83-2

Elite SOIL TESTING PTY LTD

PO Box 644, Kallangur QLD 4503
 Email: admin@elitesoiltesting.com.au
 ACN 113 538 748

Phone: 3285 5583
 Fax: 3285 5589
 ABN 97 113 538 748

Dry Density Ratio Report

Client :	L & D Contracting	Report Number:	J0935 - 5
Address:	Po Box 49 Virginia Qld 4014	Report Date :	17/08/2009
Job Number :	J0935	Order Number:	
Project :	Lots 478 & 479	Test Method:	AS1289.5.4.1
Location :	Lots 478 & 479 Sandmere Road , Pinkenba		

Page 1 of 1

Lab No :	L09/1787	L09/1788	L09/1789	L09/1790
ID No :	13	14	15	16
Lot No :	-	-	-	-
Item :	-	-	-	-
Date Sampled :	31/7/2009	31/7/2009	31/7/2009	31/7/2009
Date/Time Tested :	31/7/2009 / 9.30am	31/7/2009 / 9.30am	31/7/2009 / 9.30am	31/7/2009 / 9.30am
Material Source :	Onsite	Onsite	Onsite	Onsite
For Use As :	Fill	Fill	Fill	Fill
Sample Location :	RETEST L09/1694 Lot 479 Cell 2 7m off North Boundary 88m off West Boundary 0.4m BFL	Lot 479 Cell 2 10m off North Boundary 84m off West Boundary FL	Lot 479 Cell 3 14m off North Boundary 112m off West Boundary 1.0m BFL	Lot 479 Cell 3 37m off North Boundary 107m off West Boundary 0.7m BFL
Test/Layer Depth (mm)	150 / 300	150 / 300	150 / 300	150 / 300
Max Size (mm) :	19.0	19.0	19.0	19.0
Oversize Wet (%) :	-	-	-	-
Oversize Dry (%) :	-	-	-	-
Field Moisture (%) :	11.0	10.4	11.0	11.1
MDR No :	L09/1787	L09/1788	L09/1789	L09/1790
As: MDR :	No	No	No	No
Field Dry Density (t/m ³)	1.861	1.889	1.843	1.841
MDD (t/m ³) :	1.86	1.89	1.88	1.88
OMC (%) :	12.5	12.5	14.0	13.5
Variation from OMC	1.5% dry of omc	2% dry of omc	3% dry of omc	2% dry of omc
Field Density Method :	AS1289.5.8.1	AS1289.5.8.1	AS1289.5.8.1	AS1289.5.8.1
MC Method :	AS1289.2.1.1	AS1289.2.1.1	AS1289.2.1.1	AS1289.2.1.1
Compactive Effort :	Standard	Standard	Standard	Standard
Moisture Ratio / Spec(%) :	88.5 / -	82.5 / -	79.5 / -	83.5 / -
Dry Density Ratio (%) :	100.0	100.0	98.0	98.0
Min Dry Dens Ratio (%)	98	98	98	98

Remarks :



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 ACN 113 538 748

Phone: 3285 5583
 Fax: 3285 5589
 ABN 97 113 538 748

Dry Density Ratio Report

Client :	L & D Contracting	Report Number:	J0935 - 6
Address:	Po Box 49 Virginia Qld 4014	Report Date :	18/08/2009
Job Number :	J0935	Order Number:	
Project :	Lots 478 & 479	Test Method:	AS1289.5.4.1
Location :	Lots 478 & 479 Sandmere Road , Pinkenba		

Page 1 of 1

Lab No :	L09/1830	L09/1831	
ID No :	17	18	
Lot No :	-	-	
Item No :	-	-	
Date Sampled :	6/8/2009	6/8/2009	
Date/Time Tested :	6/8/2009 / -	6/8/2009 / -	
Material Source :	Onsite	Onsite	
For Use As :	Fill	Fill	
Sample Location :	Lot 479 Cell 3 39m off North Boundary 106m off West Boundary 0.5m BFL	Lot 479 Cell 3 19m off North Boundary 103m off West Boundary 0.5m BFL	
Test/Layer Depth (mm)	150 / 300	150 / 300	
Max Size (mm) :	19.0	19.0	
Oversize Wet (%) :	-	-	
Oversize Dry (%) :	-	-	
Field Moisture (%) :	12.0	12.2	
MDR No :	L09/1830	L09/1831	
Assigned MDR :	No	No	
Field Dry Density (t/m ³)	1.853	1.818	
MDD (t/m ³) :	1.86	1.84	
OMC (%) :	12.5	12.5	
Variation from OMC	0.5% dry of omc	0.5% dry of omc	
Field Density Method :	AS1289.5.8.1	AS1289.5.8.1	
MC Method :	AS1289.2.1.1	AS1289.2.1.1	
Compactive Effort :	Standard	Standard	
Moisture Ratio / Spec(%) :	95 / -	96 / -	
Dry Density Ratio (%) :	99.5	98.5	
Min Dry Dens Ratio (%)	95	95	

Remarks :



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Phone: 3285 5583
Fax: 3285 5589
ABN 97 113 538 748

Dry Density Ratio Report

Client :	L & D Contracting	Report Number:	J0935 - 7
Address:	Po Box 49 Virginia Qld 4014	Report Date :	28/08/2009
Job Number :	J0935	Order Number:	
Project :	Lots 478 & 479	Test Method:	AS1289.5.4.1
Location :	Lots 478 & 479 Sandmere Road , Pinkenba		

Page 1 of 1

Lab No :	L09/1997	L09/1998	L09/1999	
ID No :	19	20	21	
Lot No :	-	-	-	
Item :	-	-	-	
Date Sampled :	24/8/2009	24/8/2009	24/8/2009	
Date/Time Tested :	24/8/2009 / -	24/8/2009 / -	24/8/2009 / -	
Material Source :	Onsite	Onsite	Onsite	
For Use As :	Fill	Fill	Fill	
Sample Location :	Cell 4 74m off North Boundary 16m off East Edge 0.5m BFL	Cell 4 87m off North Boundary 18m off East Edge 1.0m BFL	Cell 3 19m off North Boundary 107m off West Boundary FL	
Test/Layer Depth (mm)	150 / 300	150 / 300	150 / 300	
Max Size (mm) :	19.0	19.0	19.0	
Oversize Wet (%) :	-	-	-	
Oversize Dry (%) :	-	-	-	
Field Moisture (%) :	10.8	10.8	11.0	
MDR No :	L09/1997	L09/1998	L09/1999	
As MDR :	No	No	No	
Field Dry Density (t/m ³)	1.977	1.969	1.885	
MDD (t/m ³) :	1.93	1.92	1.89	
OMC (%) :	10.5	10.5	11.0	
Variation from OMC	0% wet of omc	0% wet of omc	0% dry of omc	
Field Density Method :	AS1289.5.8.1	AS1289.5.8.1	AS1289.5.8.1	
MC Method :	AS1289.2.1.1	AS1289.2.1.1	AS1289.2.1.1	
Compactive Effort :	Standard	Standard	Standard	
Moisture Ratio / Spec(%) :	102 / -	102 / -	99 / -	
Dry Density Ratio (%) :	102.5	103.0	100.0	
Min Dry Dens Ratio (%)	98	98	98	

Remarks :



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Phone: 3285 5583
 Fax: 3285 5589
 ABN 97 113 538 748

Dry Density Ratio Report

Client :	L & D Contracting	Report Number:	30935 - 8
Address:	Po Box 49 Virginia Qld 4014	Report Date :	20/01/2010
Job Number :	J0935	Order Number:	
Project :	Lots 478 & 479	Test Method:	AS1289.5.4.1
Location :	Lots 478 & 479 Sandmere Road , Pinkenba		

Page 1 of 1

Lab No :	L09/3016	L09/3017	L09/3018	L09/3019
ID No :	22	23	24	25
Lot No :	-	-	-	-
Item No :	-	-	-	-
Date Sampled :	23/12/2009	23/12/2009	23/12/2009	23/12/2009
Date/Time Tested :	23/12/2009 / -	23/12/2009 / -	23/12/2009 / -	23/12/2009 / -
Material Source :	Onsite	Onsite	Onsite	Onsite
For Use As :	Fill	Fill	Fill	Fill
Sample Location :	Lot 476 East Corner 0.6m BFL	Lot 476 South Centre 0.9m BFL	Lot 476 North End 1.1m BFL	Lot 477 North End FL
Test/Layer Depth (mm)	150 / 300	150 / 300	150 / 300	125 / 300
Max Size (mm) :	19.0	19.0	19.0	19.0
Oversize Wet (%) :	-	-	-	-
Oversize Dry (%) :	-	-	-	-
Field Moisture (%) :	8.6	10.2	11.3	6.7
MDR No :	L09/3016	L09/3017	L09/3018	L09/3019
Assigned MDR :	No	No	No	No
Field Dry Density (t/m ³)	1.943	1.900	1.893	2.034
MDD (t/m ³) :	1.98	1.93	1.93	2.05
OMC (%) :	9.0	11.0	11.5	8.0
Variation from OMC	0.5% dry of omc	0.5% dry of omc	0% dry of omc	1.5% dry of omc
Field Density Method :	AS1289.5.8.1	AS1289.5.8.1	AS1289.5.8.1	AS1289.5.8.1
MC Method :	AS1289.2.1.1	AS1289.2.1.1	AS1289.2.1.1	AS1289.2.1.1
Compactive Effort :	Standard	Standard	Standard	Standard
Moisture Ratio / Spec(%) :	96.5 / -	94.5 / -	98.5 / -	82.5 / -
Dry Density Ratio (%) :	98.0	98.5	98.0	99.5
Min Dry Dens Ratio (%)	98	98	98	98

Remarks :



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 Fax: 3285 5589
 ABN 97 113 538 748

Dry Density Ratio Report

Client :	L & D Contracting	Report Number:	J0935 - 9
Address:	Po Box 49 Virginia Qld 4014	Report Date :	20/01/2010
Job Number :	J0935	Order Number:	
Project :	Lots 478 & 479	Test Method:	AS1289.5.4.1
Location :	Lots 478 & 479 Sandmere Road , Pinkenba		

Page 1 of 1

Lab No :	L09/3020			
ID No :	26			
Lot No :	-			
Item :	-			
Date Sampled :	23/12/2009			
Date/Time Tested :	23/12/2009 / -			
Material Source :	Onsite			
For Use As :	Fill			
Sample Location :	Lot 477 South East Corner 0.4m BFL			
Test/Layer Depth (mm)	150 / 300			
Max Size (mm) :	19.0			
Oversize Wet (%) :	-			
Oversize Dry (%) :	-			
Field Moisture (%) :	9.6			
MDR No :	L09/3020			
As 1 MDR :	No			
Field Dry Density (t/m ³)	1.968			
MDD (t/m ³) :	2.01			
OMC (%) :	9.5			
Variation from OMC	0% wet of omc			
Field Density Method :	AS1289.5.8.1			
MC Method :	AS1289.2.1.1			
Compactive Effort :	Standard			
Moisture Ratio / Spec(%) :	100 / -			
Dry Density Ratio (%) :	98.0			
Min Dry Dens Ratio (%)	98			

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Phone: 3285 5583
 Fax: 3285 5589
 ABN 97 113 538 748

Dry Density Ratio Report

Client :	L & D Contracting	Report Number:	J0935 - 10
Address:	Po Box 49 Virginia Qld 4014	Report Date :	12/08/2010
Job Number :	J0935	Order Number:	
Project :	Lots 478 & 479	Test Method:	AS1289.5.4.1
Location :	Lots 478 & 479 Sandmere Road , Pinkenba		

Page 1 of 1

Lab No :	L10/1706	L10/1707	L10/1708	L10/1709
ID No :	27	28	29	30
Lot :	-	-	-	-
Item :	-	-	-	-
Date Sampled :	4/8/2010	4/8/2010	4/8/2010	4/8/2010
Date/Time Tested :	4/8/2010 / -	4/8/2010 / -	4/8/2010 / -	4/8/2010 / -
Material Source :	Imported	Imported	Imported	Imported
For Use As :	Fill	Fill	Fill	Fill
Sample Location :	Lot 478 60m off West Boundary 35m off South Boundary 0.5m BFL	Lot 478 65m off West Boundary 40m off South Boundary FL	Lot 478 30m off East Boundary 30m off South Boundary 0.5m BFL	Lot 478 25m off West Boundary 25m off South Boundary FL
Test/Layer Depth (mm)	150 / 300	150 / 300	150 / 300	150 / 300
Max Size (mm) :	37.5	37.5	37.5	37.5
Oversize Wet (%) :	8	8	10	10
Oversize Dry (%) :	8	8	10	10
Field Moisture (%) :	8.2	8.0	9.6	8.8
MDR No :	L10/1706	L10/1707	L10/1708	L10/1709
As MDR :	No	No	No	No
Field Density (t/m ³) :	2.034	1.962	1.904	1.903
MDD (t/m ³) :	1.96*	1.94*	1.90*	1.90*
OMC (%) :	9.0	9.0	10.5	9.5
Variation from OMC	1% dry of omc	1% dry of omc	0.5% dry of omc	0.5% dry of omc
Field Density Method :	AS1289.5.8.1	AS1289.5.8.1	AS1289.5.8.1	AS1289.5.8.1
MC Method :	AS1289.2.1.1	AS1289.2.1.1	AS1289.2.1.1	AS1289.2.1.1
Compactive Effort :	Standard	Standard	Standard	Standard
Moisture Ratio / Spec(%) :	90 / -	90 / -	93 / -	93.5 / -
Dry Density Ratio (%) :	104.0	101.0	100.5	100.0
Min Dry Dens Ratio (%)	98	98	98	98

Remarks :

* - Denotes corrected for oversize



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Phone: 3285 5583
 Fax: 3285 5589
 ABN 97 113 538 748

Dry Density Ratio Report

Client :	L & D Contracting	Report Number:	J0935 - 11
Address:	Po Box 49 Virginia Qld 4014	Report Date :	12/08/2010
Job Number :	J0935	Order Number:	
Project :	Lots 478 & 479	Test Method:	AS1289.5.4.1
Location :	Lots 478 & 479 Sandmere Road , Pinkenba		

Page 1 of 1

Lab No :	L10/1710	L10/1711	L10/1712	L10/1713
ID No :	31	32	33	34
Lot No :	-	-	-	-
Item No :	-	-	-	-
Date Sampled :	4/8/2010	4/8/2010	4/8/2010	4/8/2010
Date/Time Tested :	4/8/2010 / -	4/8/2010 / -	4/8/2010 / -	4/8/2010 / -
Material Source :	Imported	Imported	Imported	Imported
For Use As :	Fill	Fill	Fill	Fill
Sample Location :	Lot 479 40m off West Boundary 55m off North Boundary 0.5m BFL	Lot 479 45m off West Boundary 50m off North Boundary FL	Lot 479 20m off West Boundary 15m off North Boundary 0.5m BFL	Lot 479 15m off West Boundary 20m off North Boundary FL
Test/Layer Depth (mm)	150 / 300	150 / 300	150 / 300	150 / 300
Max Size (mm) :	19.0	19.0	19.0	19.0
Oversize Wet (%) :	-	-	-	-
Oversize Dry (%) :	-	-	-	-
Field Moisture (%) :	10.0	10.2	10.5	10.3
MDR No :	L10/1710	L10/1711	L10/1712	L10/1713
Assigned MDR :	No	No	No	No
Field Dry Density (t/m³)	1.930	1.986	1.962	2.005
MDD (t/m³) :	1.93	1.95	1.92	1.99
OMC (%) :	11.0	10.5	11.0	11.0
Variation from OMC	1% dry of omc	0% dry of omc	0.5% dry of omc	1% dry of omc
Field Density Method :	AS1289.5.8.1	AS1289.5.8.1	AS1289.5.8.1	AS1289.5.8.1
MC Method :	AS1289.2.1.1	AS1289.2.1.1	AS1289.2.1.1	AS1289.2.1.1
Compactive Effort :	Standard	Standard	Standard	Standard
Moisture Ratio / Spec(%) :	91 / -	98 / -	96.5 / -	93 / -
Dry Density Ratio (%) :	100.0	102.0	102.0	100.5
Min Dry Dens Ratio (%)	98	98	98	98

Remarks :



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Phone: 3285 5583
 Fax: 3285 5589
 ABN 97 113 538 748

Dry Density Ratio Report

Client :	L & D Contracting	Report Number:	J0935 - 12
Address:	Po Box 49 Virginia Qld 4014	Report Date :	12/08/2010
Job Number :	J0935	Order Number:	
Project :	Lots 478 & 479	Test Method:	AS1289.5.4.1
Location :	Lots 478 & 479 Sandmere Road , Pinkenba		

Page 1 of 1

Lab No :	L10/1714	L10/1715		
ID No :	35	36		
Lot :	-	-		
Item :	-	-		
Date Sampled :	4/8/2010	4/8/2010		
Date/Time Tested :	4/8/2010 / -	4/8/2010 / -		
Material Source :	Imported	Imported		
For Use As :	Fill	Fill		
Sample Location :	Lot 479 100m off West Boundary 15m off North Boundary 0.5m BFL	Lot 479 105m of West Boundary 10m off North Boundary FL		
Test/Layer Depth (mm)	150 / 300	150 / 300		
Max Size (mm) :	37.5	37.5		
Oversize Wet (%) :	13	13		
Oversize Dry (%) :	13	13		
Field Moisture (%) :	10.7	10.7		
MDR No :	L10/1714	L10/1715		
As I MDR :	No	No		
Field Dry Density (t/m ³)	1.895	1.900		
MDD (t/m ³) :	1.88*	1.88*		
OMC (%) :	10.0	10.5		
Variation from OMC	0.5% wet of omc	0.5% wet of omc		
Field Density Method :	AS1289.5.8.1	AS1289.5.8.1		
MC Method :	AS1289.2.1.1	AS1289.2.1.1		
Compactive Effort :	Standard	Standard		
Moisture Ratio / Spec(%) :	107 / -	104 / -		
Dry Density Ratio (%) :	101.0	101.5		
Min Dry Dens Ratio (%)	98	98		

Remarks :

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**Queensland
Government**

Department of Environment and Heritage Protection (EHP)
ABN 46 640 294 485
Contaminated Land Unit Level 7 400 George St Brisbane, Queensland 4001
GPO Box 2454 Brisbane QLD 4001 AUSTRALIA
Telephone (07) 3330 5685 Facsimile (07) 3330 5634
http://www.derm.qld.gov.au/environmental_management/land/contaminated_land/

26 June 2012

Site ID: 716
File Number: BNE38395 Vol 2
Enquiries to: contaminated.land@derm.qld.gov.au

The Chief Executive Officer
Brisbane City Council
GPO Box 1434
BRISBANE QLD 4001

NOTICE OF LAND LISTED ON THE ENVIRONMENTAL MANAGEMENT REGISTER

In accordance with section 374 of the *Environmental Protection Act 1994 (EP Act)* notice is given that the parcel of land described below has been listed on the Environmental Management Register (EMR).

Lot: 479 Plan: M3321
119 SANDMERE ROAD
PINKENBA QLD 4008

The parcel of land has been recorded on the EMR as, after careful consideration of submissions, it is decided that the land has been, or is being used, for the following notifiable activities pursuant to section 374 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.

LANDFILL

Further information about contaminated land matters may be obtained by visiting our web-site at:
http://www.derm.qld.gov.au/environmental_management/land/contaminated_land/

s.73 irrelevant information

 Kelli Ready
A/Director - Enforcement Services
BRISBANE

Delegate of Administering Authority
Environmental Protection Act 1994



**Queensland
Government**

Enquiries Peter Koorockin
Telephone (07) 3330 5691
Your reference Project No.: 05210
Our reference BNE 38395-2; Project No: 316592; Permit Ref: CLEA03055312

25th June 2012

Butler Partners Pty Ltd
PO Box 2267
FORTITUDE VALLEY QLD 4006

Attention: s.73 irrelevant inform

s.73 irrelevant inf

Re: Lot 479 on Plan M3321 at 119 Sandmere Road, Pinkenba, QLD, 4008

I refer to your application for assessment of a site investigation report in relation to the above land and the following documents submitted to the Contaminated Land Unit (CLU) of the Department of Environment and Heritage Protection (EHP).

1. *Proposed Industrial Development – Site Validation Report (119 Sandmere Road, Pinkenba)* dated 28 May 2012 and prepared by Butler Partners.

CLU has assessed the information and is satisfied that Lot 479 on M3321 has been successfully remediated for Asbestos containing material (ACM), and the Notifiable Activity 3 – Asbestos Manufacture or Disposal will be removed from the EMR, however Lot 479 on M3321 will remain on the EMR for the Notifiable Activity 20 - Landfill.

It is advised further the land owner also be advised that a permit was issued by the CLU in October 2010 to use the land for metal recovery (Scrap Metal Yard) which is a Notifiable Activity 33 – Scrap Yards. Under Section 371(1) of the *Environmental Protection Act 1994*, if the owner or occupier of the land becomes aware a notifiable activity is being carried out on the land, the owner or occupier must, within 22 business days after becoming aware the activity is being carried out, give notice under the subsection to the administering authority in the approved form.

Further notification in regards to the current listing Notifiable Activity 20 – Landfill, will be forwarded to the owner informing them of this listing and also sent to you for your information.

Should you require further information please contact Peter Koorockin on (07) 3330 5691.

Yours sincerely

s.73 irrelevant information

— Delegate of Administering Authority
Environmental Protection Act

400 George Street Brisbane
Queensland 4000 Australia
GPO Box 2454 Brisbane
Queensland 4001 Australia
Telephone: (07) 3330 5685
Facsimile: (07) 3330 5634
Website www.derm.qld.gov.au

Admin. Office: Contaminated Land Unit, Flr 7 - 400 George St

Project No: 316592

Client No:

EMR/CLR ID No. 716

Permit No. CLEA03055312

App: 496043

Applic Received No. AR026419

Application for Assessment of a Site Investigation Report (Contaminated Land) Checklist

Date Received:

7/6/12

Date Application Deemed Valid:

7/6/12

Due Date (20 Business Days
After Application Deemed
Valid):

/ /

Due Date for report that has had
a Third Party Review (5 Business
Days after received): This applies
to sites requesting removal from
the Register.

/ /

(If TPR recommends an SMP refer
to Contam Land ASAP!)

Due Date for Decision of IPA Application
Business Days):

/ /

Third Party Reviewer:

Applicant Name: Butler Partners Pty Ltd

Contact: s.73 irrelevant information

Location: 119 Sandmere Rd, Pinkenba

Coordinator: s.73 irrelevant information

Lot 479 on M3321

Receipt details: Fees correct ☐ N/A ☐Exemption ☐

Receipt No 4122367 Date 7/6/2012

Amount Paid \$ 1117.00

Receipt sent to client Yes ☒ No ☐

Payment Method:

Cheque ☒ EFT ☐ Cash ☐ Credit ☐

Cheque No: 009620

Drawer (if other than the applicant):

Butler Partners Plc

COST CENTRE/CODE:

☒	Current application form Part A & Part B submitted and completed (Statutory requirement)
☒	Correct Fees Paid (Statutory requirement) (If no fees attached contact Project Director on 07 3225 1827 for clarification)
☒	Check Ecotrack to ensure there is no existing Development Application (IPA) or Disposal Permit
☒	Check QNTIME for current owner details
☒	Check EMR to see whether the site is listed. (If not, need Notification form).
☒	Check that the owner listed on the application form matches QNTIME
☒	Check current Registered Plans for all lots are included (Requirement of Guideline)
☒	Check Statutory declarations: (Statutory requirement) <ul style="list-style-type: none"> -Investigator / report preparer has required qualifications and experience -Correct format -Owner -Applicant if required
☒	Firm Recommendations - EMR/CLR (Requirement of Guideline) eg: <ul style="list-style-type: none"> Lot-on-Plan should be removed from the EMR Lot-on-Plan to remain on register subject to a Site Management Plan Lot-on-Plan to remain on EMR subject to further work Lot-on-Plan to be deleted from EMR

15 JUN 2012

s.73 irrelevant

Record of consultation

Applicant name:

Date	Person Contacted:		Phone No:	
	Information Requested:			
	Response:			
	ISU Staff:			

Date	Person Contacted:		Phone No:	
	Information Requested:			
	Response:			
	ISU Staff:			

Date	Person Contacted:		Phone No:	
	Information Requested:			
	Response:			
	ISU Staff:			

Date	Person Contacted:		Phone No:	
	Information Requested:			
	Response:			
	ISU Staff:			

Bring Up Details Report

316592 - Unspecified Activities/Sandmere Road, Myrtletown/Sell and Parker Pty Ltd

Ref:	85108	Created Date:	13/JUN/12
Status:	Submitted	Closed Date:	
Assigned To:	READY, Kelli-Jean	Due Date:	18/JUN/12
Email Address:	Kelli.Ready@derm.qld.gov.au	Reminder Date:	
Project Director:			
Project Manager:			
CC:	LUCKE, Gavin		
CC:	WILCOX, Jan		
Subject:	Assessment of Site Investigation Report-App No:496043		
Comments:	Assessment of Site Investigation Report Application Number: 496043 Project Number: 316592 Permit Number: CLEA03055312 TPR: Client: Butler Partners Pty Ltd Lot on Plan: Lot 479 on M3321 Location: 119 Sandmere Road, Pinkenba Report Title: Application Date: 7/6/2012 Dear Kelli An application has been received for an Assessment of Site Investigation Report. The application will be forwarded to the Contaminated Land Unit on the 13/6/2012 Regards, s.73 irrelevant if		



Project Running Report

Date 01-OCT-2010 Status Application Validation Decision Level 1

SPA - Acid Sulfate Soils

Locations

Name	Address Line 1	Address Line 2	Suburb	Postcode	State
77-119 Sandmere Road, Pinkenba					

Agency Interests/Ratings

Category	Type	Rating
Coastal	Coastal - strategic planning	Unknown (default)
Biodiversity	Biodiversity - rare and threatened species	Unknown (default)
Biodiversity	Biodiversity - marine systems	Unknown (default)
Biodiversity	Biodiversity - riparian buffer zones	Unknown (default)
Coastal	Coastal - strategic planning	Unknown (default)
Biodiversity	Biodiversity - rare and threatened species	Unknown (default)

Permits: 4

Permit Ref	Permit Type	Status
SPCE01044010	Concurrence Response for a MCU involving an ERA.	Assessment
SPCC01044110	Concurrence Response for a MCU within a coastal management district.	Assessment
SPCL01044210	Concurrence Response for a MCU involving contaminated land.	Assessment
SPAR01044310	Advice Agency Response.	Assessment

Date 07-JUN-2012 Status Application Validation Decision Level 2

Primary Clients

Name	Address Line 1	Address Line 2	Suburb	Postcode	State
Butler Partners Pty Ltd	79 Doggett Street		NEWSTEAD	4006	QLD

Primary Contact

Name	Contact Number
Butler Partners Pty Ltd	07 3852 3800

Activities

Name
Assessment Of Site Investigation Report For Land On Emr/clr

Locations

Name	Address Line 1	Address Line 2	Suburb	Postcode	State
119 Sandmere Road, Pinkenba					

Agency Interests/Ratings

Category	Type	Rating
----------	------	--------

Permits: 1

Permit Ref	Permit Type	Status
CLEA03055312	Site Report Assessment for Land on the Environmental Management Register or Contaminated Land Register	Assessment

Form

Corporate

Part A - General details for all applications

OFFICIAL USE ONLY

DATE RECEIVED

FILE REF

PROJECT REF

COMPLETE FORM

☐

ENTERED BY (SIGNATURE)

DATE

RECEIPTING DETAILS ONLY

DATE RECEIPTED

RECEIPT NUMBER

AMOUNT RECEIVED

\$

PROCESSED BY (INITIALS AND NAME)

Important information for applicants

This form asks for general applicant details and a description of the proposed project and any associated activities. The completed form must be submitted together with relevant activity specific Part B forms.

Specific details must accompany this form to enable your application to be processed. The guide provided will help you complete your application correctly. If you have any difficulties completing the form, contact Permit and Licence Management on 13 QGOV (13 74 60). Please number all attachments alphabetically (e.g. 'Attachment A').

Commercial and confidential information must be marked clearly. This information will not be disclosed, except where required by law (including the *Right to Information Act 2009*). If subsequent activities are added to the project, you will be required to resubmit this application with details of the additional activity.

Tick relevant boxes below if the applicant(s) are:

- ☐ an individual or sole trader
- ☐ individuals in a partnership
- ☐ individual(s) acting on behalf of an unincorporated organisation
- Go to Section 1
- ☒ an incorporated company
- ☐ an incorporated association
- ☐ a statutory authority
- ☐ a body politic
- Go to Section 2

RECEIVED

07 JUN 2012

PaLM



Part A - General details for all applications

Released

Guide

Question 1

The applicant is the person intending to carry out the activity and in whose name the relevant permits or licences are to be issued.

The registered address is legally required for the serving of notices.

It is the address of a person and cannot be a post office box.

If more than one applicant as part of a partnership, complete the form Joint Applicant Details (EM and attach to this form.

1 Individual applicant(s) details

APPLICANT'S FULL NAME	TITLE	DATE OF BIRTH
-----------------------	-------	---------------

REGISTERED ADDRESS	POST CODE
--------------------	-----------

PHONE	FAX	EMAIL
-------	-----	-------

POSTAL ADDRESS (WRITE "AS ABOVE" IF THE SAME AS REGISTERED ADDRESS)	POST CODE
---	-----------

Guardian details (if applicable)

A parent or legal guardian must complete the following details if an applicant is less than 18 years of age.

GUARDIAN'S FULL NAME	DATE OF BIRTH
----------------------	---------------

GUARDIAN'S REGISTERED ADDRESS	POST CODE
-------------------------------	-----------

GUARDIAN'S SIGNATURE	DATE
----------------------	------

→ Go to Section 3

Part A - General details for all applications

2 Applicant details

Question 2

The applicant is the registered legal entity (not a business trading name) intending to carry out the activity and in whose name the relevant permits or licences are to be issued.

The registered address is legally required for the serving of notices. It is the registered business address of the company making the application and cannot be a post office box.

Enter the Australian Business Number (ABN); or the Australian Company Number (ACN) of the incorporated company; or the Association Number (AN) of the incorporated association; or the title and section of the legislation that gives the statutory corporation its legal status.

REGISTERED LEGAL ENTITY NAME

Butler Partners Pty Ltd

TRADING NAME (IF APPLICABLE)

REGISTERED ADDRESS

79 Doggett Street

Newstead QLD

POST CODE

4006

PHONE

07 3852 3800

FAX

07 3852 3808

E-MAIL/WEBSITE

www.butlerpartner.com.au

POSTAL ADDRESS (WRITE "AS ABOVE" IF THE SAME AS REGISTERED ADDRESS)

PO Box 2267

Fortitude Valley QLD

POST CODE

4006

ABN/ACN/AN OR TITLE AND SECTION OF LEGISLATION

14 816 574 868

Principal contact or person in charge details

PRINCIPAL CONTACT/PERSON IN CHARGE FULL NAME

s.73 irrelevant info

TITLE

Mr

POSITION IN CORPORATION

Associate

TELEPHONE

07 3852 3800

FASCIMILE

07 3852 3808

E-MAIL/WEBSITE

s.73 irrelevant info@butlerpartners.com.au

POSTAL ADDRESS (WRITE "AS ABOVE" IF THE SAME AS REGISTERED ADDRESS)

POST CODE

Part A - General details for all applications

As Above	
----------	--

Authorised signatory

The authorised signatory is the person authorised to sign an application on behalf of a corporation and in doing so declares that the corporation will be bound by the conditions associated with the granting of the licence or permit.

AUTHORIZED SIGNATORY FULL NAME

s.73 irrelevant inf

TITLE

Mr

POSITION IN CORPORATION

Associate

3 Project details**Pre-lodgement**

Have you previously attended a pre-lodgement meeting or submitted a pre-lodgement form for this project?

☒ No☐ Yes

PROJECT NUMBER (IF APPLICABLE)

Project description

Briefly describe the proposed activities, works, development or management.

Attach a separate sheet if there is insufficient space below.

DESCRIPTION

Removal of asbestos material and site validation



**BUTLER
PARTNERS**

Released

Butler Partners Pty Ltd
ABN 14 816 574 868
79 Doggett Street
Newstead, Queensland 4006
P.O. Box 2267
Fortitude Valley BC
Queensland 4006

www.butlerpartners.com.au

Ph: 61 7 3852 3800
Fx: 61 7 3852 3808
enquiries@butlerpartners.com.au

AB 026419.

Document Transmittal

Delivered by:

Delivered to:	Department of Environment and Heritage Protection	☐	EXPRESS
Attention:	PALM	☒	Courier
Address:	PO Box 15155	☐	Post 166555419096
	CITY EAST	☐	In Person
		☐	Collected
Delivered to:		☐	Courier
Attention:		☐	Post
Address:		☐	In Person
		☐	Collected

Sub Project No:	05210
Project Description:	Site Validation
Project Title:	Proposed Industrial Development
Address:	119 Sandmere Road PINKENBA

Enclosed:	
Details:	1 x HC – bound – Site Validation Report – dated 28 May 2012 – signed 1 x Statuary Declaration – signed and witnessed – dated 5 June 2012 1 x DERM Forms – Part A and Part B – signed 1 x Cheque – Addressed DEHP - \$1,117.00 fee for Lot 1 x Document Transmittal form

- | | |
|---|---|
| ☐ Project Completed | ☐ Being Returned |
| ☐ For Your Records/Information | ☐ As Requested by: |
| ☐ For Your Approval/Comments | ☐ To Be Checked and Returned |

Signed: A Hinsley

Date: 5 June 2012



Released

STATUTORY DECLARATION

Address of Site Investigated: 119 Sandmere Road, Pinkenba

Real Property Description: Lot 479 M3321

Title of Report: Site Validation
Proposed Industrial Development
119 Sandmere Road, Pinkenba

I, s.73 irrelevant information of Butler Partners Pty Ltd, 79 Doggett Street, Newstead, in the State of Queensland, do solemnly and sincerely declare that;

- I was the investigator and preparer of the validation report described above;
- I am a member of The Environment Institute of Australia and New Zealand and my qualifications and experience as outlined previously to the DERM are relevant to this investigation;
- I have not knowingly included any false, misleading or incomplete information in the report;
- I have not knowingly failed to reveal any relevant information or document to the administering authority; and

I certify that:

- The report addresses the relevant matters for the investigation and is factually correct; and
- The opinions expressed in it are honestly and reasonably held.

And I make this solemn declaration conscientiously believing the same to be true and by virtue of the provisions of the *Oaths Act 1867*.

Signature: s.73 irrelevant information

Name: s.73 irrelevant information

Taken and Declared before me at Newstead this 5 day of June 2012.

Witness (Justice of the Peace/Commissioner for Declarations).

Name: Vicki Lynn Giverca



s.73 irrelevant information



Queensland
Government

Level 8, 400 George St, Brisbane, Queensland, GPO Box 2454 QLD 4001 Australia
Telephone (07)3330 5685, Facsimile(07)3330 5754
www.derm.qld.gov.au/environmental_management/land/contaminated_land

SEARCH RESPONSE
ENVIRONMENTAL MANAGEMENT REGISTER (EMR)
CONTAMINATED LAND REGISTER (CLR)

Transaction ID: 48980253 EMR Site Id: 716 13 June 2012
This response relates to a search request received for the site:
Lot: 479 Plan: M3321

EMR RESULT

The above site IS included on the Environmental Management Register.

Lot: 479 Plan: M3321
Address: 119 SANDMERE ROAD
PINKENBA QLD 4008

The site has been subject to the following Notifiable Activity pursuant to section 374 of the *Environmental Protection Act 1994*.

LANDFILL - disposing of waste (excluding inert construction and demolition waste).

ASBESTOS MANUFACTURE OR DISPOSAL -

- (a) manufacturing asbestos products; or
- (b) disposing of unbonded asbestos; or
- (c) disposing of more than 5t of bonded asbestos.

CLR RESULT

The above site is NOT included on the Contaminated Land Register.

ADDITIONAL ADVICE

From the 1st August 2011, the price of an EMR/CLR search will increase to \$40.15 per lot for internet based searches and \$47.20 per lot for EMR/CLR searches done by means other than the internet.

If you have any queries in relation to this search please phone 13QGOV (13 74 68)

Registrar
Contaminated Land Unit

Part A - General details for all applications

This information should at least provide enough details to allow a Department of Environment and Resource Management officer to locate the site of the proposal.

Give as much information as possible to accurately locate your activity, for example maps with contextual or boundary lines on plan or GPS boundary co-ordinates.

Geographical co-ordinates can include northing/easting, longitude/latitude.

Approvals required

Please list all Part B application forms you are attaching to this form.

APPLICATION FORMS

Part B - Submission of a site investigation/validation report

Project site

Where will the activities be conducted? Provide the street address, real property description(s) of the land(s) in which the project is located and local government area. If you require more space, attach a separate sheet.

STREET ADDRESS

119 Sandmere Road, Pinkenba QLD 4008

LOT

479

PLAN

M3321

LOCAL GOVERNMENT AREA

Brisbane

If possible, provide a specific location within a protected area, a property name or an attached map with the project area clearly delineated. Also include the map name/details.

SPECIFIC LOCATION/PROPERTY NAME

PROTECTED AREA

GEOGRAPHICAL CO-ORDINATES

Label all attachments alphabetically
(e.g. 'Attachment A')

Attachments

List all attached documents, including maps containing information supporting this application in the space below. If there are no attachments mark "N/A."

ATTACHMENTS (LABEL ALL ATTACHMENTS ALPHABETICALLY – E.G. "ATTACHMENT A")

Attachment A - DERM Application Form - Part B

Attachment B - Site Validation Report

Attachment C - Statutory Declaration

Part A - General details for all applications

Privacy statement

The Department of Environment and Resource Management (DERM) is committed to protecting the privacy, accuracy and security of your personal information in accordance with the *Information Privacy Act 2009*. DERM is collecting your personal information in accordance with the Act specified in the relevant Part B form in order to process your application. The information will only be accessed by authorised employees within the department. Some of this information may be given to another department or agency as indicated in the privacy statement on the relevant Part B form. Your information will not be given to any other person or agency unless you have given us permission or we are authorised or required by law. All information supplied on this form may be disclosed publicly in accordance with the *Right to Information Act 2009* and *Evidence Act 1977*. For queries about privacy matters email: AdminReview@derm.qld.gov.au or telephone: (07) 3896 3705.

Further Information

The latest version of this publication can be found at <www.derm.qld.gov.au>. Note: where available, the publication number (e.g. EM1124 for this document) can be used as a search term.

4 Applicant's certification

If you have not told the truth in this application you may be liable for prosecution under the relevant Acts or Regulations.

- I do solemnly and sincerely declare that the information provided is true and correct to the best of my knowledge.
- I understand that information supplied on or with this application form may be disclosed publicly in accordance with the *Right to Information Act 2009* and the *Evidence Act 1977*.

APPLICANT (1) SIGNATURE

s.73 irrelevant information

Joint applicant signatures (if applicable)

APPLICANT(2) SIGNATURE

APPLICANT(3) SIGNATURE

APPLICANT(4) SIGNATURE

APPLICANT(5) SIGNATURE

DATE

05.06.2012

Complete the following checklist.

- ☒ Application form(s) signed and completed
- ☒ Permit fees paid or enclosed (if applicable)
- ☒ Supporting information attached (e.g. maps)

Please return your completed application to:

Permit and Licence Management
Implementation Support Unit
Department of Environment and Resource Management
GPO Box 2454
Brisbane Queensland 4001

Enquiries: 13 QGOV (13 74 68)

Fax: (07) 3896 3342

Email: palm@derm.qld.gov.au

Form

Environmental Protection Act 1994

Part B - Submission of a site investigation / validation report

This form asks for activity specific details in relation to an application under ss. 375 and ss. 390 of the Environmental Protection Act 1994 for an assessment of a site investigation/validation report. Please read the information sheets and any guidelines included with your application kit to understand the environmental management and conservation issues, policies and procedures that relate to the activities proposed.

Note: Your application must be accompanied by the application form *Part A—General details for all applications*.

1 Lodgement details

Complete this section only if form not lodged by applicant

NAME	TELEPHONE
COMPANY/ORGANISATION	
POSTAL ADDRESS	
EMAIL	FACSIMILE

2 Site owner's details

An agent's address is not acceptable.

NAME Jondee Nominees Pty Ltd & Vandee Nominees Pty Ltd	TELEPHONE 07 3256 6670
POSTAL ADDRESS PO Box 522 Virginia QLD 4014	FACSIMILE 07 3266 8624

3 Site details

If you require additional space, attach the information on a separate sheet marked "Site Details".

STREET ADDRESS 119 Sandmere Road, Pinkenba QLD 4008
--

Part B—Submission of a site investigation / validation report

LOT(S) 479	PLAN(S) M3321
LOCAL GOVERNMENT AUTHORITY Brisbane City Council	
NOTIFIABLE ACTIVITY/POSSIBLE CONTAMINATING ACTIVITY Asbestos Manufacture or Disposal - disposing of more than 5 tonnes of bonded asbestos; and Landfill	
CURRENT LAND USE Vacant	PROPOSED LAND USE Industrial

STREET ADDRESS	
LOT(S)	PLAN(S)
LOCAL GOVERNMENT AUTHORITY	
NOTIFIABLE ACTIVITY/POSSIBLE CONTAMINATING ACTIVITY	
CURRENT LAND USE	PROPOSED LAND USE

4 Details of report

4.1 Is a development application pending under the *Sustainable Planning Act 2009*?☐

NO

☐

YES

4.2 The attached report contains (as per the *Draft Guidelines for the Assessment and Management of Contaminated Land in Queensland May 1998*)☐

Stage 1 and Stage 2 investigation

☒

Stage 3 and Stage 4 remediation and validation report

If previous submissions have been made quote:

Ref no. _____

Part B—Submission of a site investigation / validation report

5 Payment

The applicable fee¹ of \$ 1117.00

- ☒ is enclosed with this application (cheque, money order etc.); or
- ☐ was paid by electronic funds transfer (EFT) on _____; and
- ☐ details required in the information sheet *Electronically paying fees to the Department of Environment and Resource Management* were included.
- The payment was for:
- ☐ this application only and the EFT identification code is: _____; or
- ☐ this and other applications. A payment notification (from the final page of the information sheet *Electronically paying fees to the Department of Environment and Resource Management*²) was sent to DERM and a copy is attached.

Note: An incomplete application (including applications that do not include the fee or sufficient detail to show that the fee has been paid where fees are paid by EFT) may be invalid. Invalid applications will be returned without processing and will only be processed if resubmitted with all invalidating issues addressed.

6 Applicant checklist

- ☒ Application form(s) completed and signed.
- ☒ Permit fees paid or enclosed (if applicable).
- ☒ Enclosed statutory declarations by investigators, preparers and owners as per s. 383 of the EP Act. Note: It is an offence under s. 480 of the EP Act to give to the administering authority, or an authorised person, a document containing information that you know is false, misleading or incomplete in a material particular.
- ☒ Enclosed signed consultant's report (as per *Guidelines for the Assessment and Management of Contaminated Land in Queensland*).
- ☒ Enclosed legible copy/copies of proof of ownership of site/s clearly showing the full name(s) of the registered proprietor(s) e.g. current certificates of Title or Title Searches.
- ☒ Enclosed legible copy/copies of all relevant registered plans (available from the Titles Section, Department of Environment and Resource Management) clearly showing location of the site/s and current registered plan details.
- ☒ Enclosed copy of a street map/area map clearly showing location of property.

¹ The fee is \$497.70 per lot where the land is used exclusively for residential purposes and is not the subject of a development application. For any other lot the fee is \$1117 per lot.

² Available at www.derm.qld.gov.au or through Permit and Licence Management.

Part B—Submission of a site investigation / validation report

Please return your completed application form to:

Permit and Licence Management
Implementation and Support Unit
Department of Environment and Resource Management
GPO Box 2454
Brisbane Queensland 4001

Enquiries: 13QGOV (13 74 68)
Facsimile: (07) 3896 3342
Email: palm@derm.qld.gov.au

Office use only	
Account code	EDZYNIA01/43311

Release

Queensland Government
Dept of Environment & Resource Management

ABN: 46 640 294 485

RECEIPT

Received from: Butler Partners Pty Ltd
ABN/Address:

No.: 4122347

Description	Qty	Unit	Val	Extended	Discount	Ext Value	GST	Total Price
CONTAMINATED FEE-NOT RESIDENT-PER LOT	1		1117.00	1117.00	0.00	1117.00		1117.00

Date: 07/06/12	Time: 11:42	CHEQUE	1117.00	Tot Value:	1117.00
Brch: dnrbris	SPer: eaa			GST:	0.00
CYC: 170320	Reg: 92	Tendered	1117.00	Tot Price:	1117.00
				Tendered:	1117.00
				Change:	0.00

Cheques or other negotiable instruments accepted subject to clearance.

Receipt No 4122347

Date 07-06-12

Amount \$ 1117.00

Type GHQ EFT CSH CRDT

Cheque No 009620

Cheque Drawer

Butler Partners P/L

Initials EA

Release

[Home](#) | [Contact us](#) | [Help](#) | [Logout](#)[Department of Environment and Resource Management](#)

QNTIME Version 1.6

[QNTIME](#) > [Specific Parcel Search](#) > [Specific Parcel Report](#)

Specific Parcel Report

Lot: 479 on Plan: M3321

Parcel: on Segment:

DCDB:**Tenure:****FH****Description:****FREEHOLD****CISP:****Previous Plan Details:**

Plan	Registered Description
------	------------------------

AP16769	(LOT B OVER PT OF BANCROFT RD, GANNON RD AND PT OF SANDMERE RD); PLAN OF LOTS 42, 43, 51, 474-482, 484, 485, 487-491, 494 ON M3321, LOT 3 ON RP61436, LOT 2 ON RP844116, LOT 18 ON SP155750 & LOTS 56 & 57 ON SP195466
IS188986	LOTS 476 - 479 ON M3321
M3321	.16/02/1885 A.1-19 OF P.492 AND A.1-23 OF SEC.493, AND A.1-9 OF P.508 AND P.417-422 (FOR M.33.21 SEE M333272) (SURFACE) AND LOT 1479

ATS:**Title Reference:****11137115****Registered Owner:**VANDEE NOMINEES PTY LTD
JONDEE NOMINEES PTY LTD**Tenure Reference:****Original Deed of Grant:****1. 10612152 (POR 479)****Lease Purpose:****Reserve Purpose:****Area:****Lease Conditions:****Commencement Date:****Trustees:****Interests:****Previous Title References:****QVAS:****Registered Owner:**VANDEE NOMINEES PTY LTD
JONDEE NOMINEES PTY LTD**Address:****119 SANDMERE RD, PINKENBA QLD 4008****Primary Land Use Code:****VACANT - LARGE HOUSESITE(4)****Secondary Land Use Code:****GENERAL INDUSTRY(35)****TAS:****No TAS data found.**[View on Keymap](#)[Back to Search](#)

Logged in as jamesel

[Disclaimer](#)

Release

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Queensland Government Gateway

Published on DES Disclosure Log
RTI Act 2009

**BUTLER
PARTNERS**

geotechnical • geo-environmental • groundwater

**SITE VALIDATION
PROPOSED INDUSTRIAL DEVELOPMENT
119 SANDMERE ROAD
PINKENBA**

Prepared for L&D Contracting
Project No. 05210, 28 May 2012

Proposed Industrial Development
119 Sandmere Road, Pinkenba
Project No.: 05210
28 May 2012

Butler Partners Pty Ltd
ABN 14 816 574 868
79 Doggett Street
Newstead, Queensland 4006
P.O. Box 2267
Fortitude Valley BC
Queensland 4006

www.butlerpartners.com.au

Ph: 61 7 3852 3800
Fx: 61 7 3852 3808
enquiries@butlerpartners.com.au

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Important Information about your Geo-Environmental Report (3 pages)



Proposed Industrial Development
 119 Sandmere Road, Pinkenba
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SECTION 1 - INTRODUCTION

1.1 Project

The site described as Lot 479 on M3321, located at 119 Sandmere Road, Pinkenba is proposed to be developed for industrial land uses. The site covers a total area of 1.587 hectares, and has been historically used for agricultural land uses (peach orchard).

Following the identification of Asbestos Containing Materials (ACM) (present in the form of bonded fibrous cement sheeting) Notification of Land forms were submitted to the (former) Environmental Protection Agency (now the Department of Environment and Heritage Protection (DEHP)) on 16 September 2005 in conjunction with an application for a Soil Disposal Permit. The site was subsequently listed on DEHP's Environmental Management Register (EMR).

1.2 Proposed Scope of Work

The following scope of work was proposed:

- preparation of a Disposal Permit to allow off-site disposal of soil materials;
- supervision of site works to ensure site operations comply with the guidelines and any further requirements of the DEHP;
- validation sampling and analysis of the identified areas of concern; and
- preparation of a Remediation and Validation Report for submission to the DEHP recommending the removal of the property from the EMR.

1.3 Commission

Based on the proposed nature of the development, the anticipated subsurface conditions and the scope of work, fees to undertake remediation and validation works were presented to L&D Contracting (L&D). Butler Partners Pty Ltd (Butler Partners) was subsequently commissioned by L&D to conduct the remediation and validation works.

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1.4 Technical Framework

This Remediation and Validation Report has been carried out in accordance with:

- Draft *Guidelines for the Assessment and Management of Contaminated Land in Queensland*, May 1998;
- Australian Standard AS 4482.1-2005 *Guide to the Sampling and Investigation of Potentially Contaminated Soil – Part 1: Non-volatile and Semi-volatile compounds*;
- *National Environmental Protection (Assessment of Site Contamination) Measure 1999* (NEPM), (National Environment Protection Council); and
- Western Australian Health Commission: "*Guidelines for the Assessment, Remediation and Management of Asbestos-Contaminated Sites in Western Australia*", May 2009 (WA Guidelines).

1.5 Remediation Objectives

The goal of the remediation is to enable the site to be removed from the EMR, thus making the site suitable for any land use.

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SECTION 2 - THE SITE

2.1 Background

Other works undertaken at the site included an acid sulfate soil (ASS) investigation and creation of an ASS management plan as detailed in the following documents:

Acid Sulfate Soils Investigation
Material Change of Use
105-119 Sandmere Road
Pinkenba
January 2007

Material Change of Use
105-119 Sandmere Road
Acid Sulfate Soil Management Plan (ASSMP)
January 2007

As part of the ASS Investigation, on 5 October 2006 Butler Partners undertook fieldwork comprising the drilling and sampling of eight soil bores across the site and the adjacent allotment. Stratigraphy noted in the bore reports identified the presence of fibrous cement sheeting in two of the test locations.

2.2 Site Identification

Details of the site are given in Table 1. The location and site layout are presented on Drawing No. 1 Rev A, with a copy of the current land title and registered plan provided in Appendix A.

Table 1: Summary of Site Information

Real Property Description	Parish of Toombul, County of Stanley
	Lot 479 on Crown Plan M3321
Registered Owner	Vandee Nominees Pty Ltd Jondee Nominees Pty Ltd
Site Area	1,587m ²
Current Land Use (At the time of investigation)	Vacant Lot
Local Government	Brisbane City Council

2.3 Site Description

At the time of the validation works, the site comprised a vacant lot. Mangroves formed the south east boundary with the Brisbane River beyond. Sandmere Road formed the north-western boundary with the line of trees along the verge. A vacant block of land was located to the south-west and industrial land was located to the north-east.

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2.4 EMR Status

A search of DEHP's EMR and Contaminated Land Register (CLR) indicates that Lot 479 on M3321 is listed on the EMR for 'asbestos manufacture or disposal' and 'landfill' but is NOT listed on the CLR. A copy of the EMR search record is provided in Appendix A.

2.5 Fire Ant Status

Review of the Department of Primary Industries *Fire Ant Eradication and Surveillance Zone Plan*, updated 16 December 2011, indicates the site is located within a Fire Ant infested area.

2.6 Surrounding Land Use and Receptors

The site is bounded by Sandmere Road to the north-west with industrial land uses beyond, a vacant block to the south-west with residential and industrial land uses beyond, and industrial land uses to the north-east. The site is bounded by mangroves to the south east with the Brisbane River beyond.

2.7 Geology and Hydrogeology

Reference to the Geological Survey of Queensland's 1:31,680 series, City of Brisbane Sheet 3 indicates that the site is located in an area mapped as Quaternary alluvial deposits of sand, silt, mud, clay and gravel.

A study of the hydrogeology of the site was not conducted as part of these works. However, it is reasonable to assume the hydrogeology of the area is dominated by the Brisbane River located approximately 100m to the south east. Groundwater flow beneath the site is anticipated to be in a south easterly direction.

2.8 Contaminant Summary

An asbestos impacted layer has been found across the majority of the site. A layer of mainly asbestos sheeting has been placed upon the natural soil and covered with other fill material. In addition bags, formerly containing asbestos products, have been found in fill material located upon the site.

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SECTION 3 - REMEDIAL STRATEGY

3.1 Remediation Objectives

The NEPM sets out the aim for contaminated site assessment and remediation being to find a balance between:

- optimising the current or intended use of the site; and
- the need to adequately protect human health and the environment.

The remediation objectives specific to the remediation of the site were as follows:

- to undertake excavation in order to remove the identified ACM;
- to validate all areas;
- to ensure Regulatory Compliance during remediation works;
- to complete the program expediently;
- to comply with the principles of reducing waste to landfill supported by the DEHP; and
- to complete remediation works such that Lot 479 on M3321 is suitable to be removed from the DEHP's EMR.

3.2 Remediation Model

It was proposed to begin excavation in the north east corner of the site and continue to follow any visible asbestos contamination. Excavation would continue until a clean wall could be sampled or the site boundary was reached. The base of excavations would be sampled and analysed to ensure that all trace of asbestos had been removed from the site.

3.3 Remediation Criteria

The adopted remediation criteria for the site, to be used for the site validation, are based on Western Australia Guidelines. Investigation levels for contaminants are presented in the Guidelines for a range of categories:

- 0.001% w/w asbestos for fibrous asbestos and asbestos fibres (FA and AF) – All site uses;
- 0.01% w/w asbestos for ACM – Residential use, day care centres, preschools, etc;
- 0.04% w/w asbestos for ACM – Residential, minimal soil access; and
- 0.05% w/w asbestos for ACM – Commercial/Industrial.

On the basis that the site is proposed to be developed for industrial land uses, a remediation criteria of 0.05% w/w asbestos has been adopted for the site, however, where practical, validation of the site will be considered to have been completed once visual inspection and validation testing of remaining soil indicates no detectable trace of asbestos materials.

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SECTION 4 - IMPLEMENTATION OF REMEDIATION STRATEGY

4.1 Criteria for Contaminated Material

Disposal destinations for soil containing ACM were determined in consultation with Veolia Environmental Services (Veolia (formerly Collex)), in consideration of their landfill acceptance criteria and licensing conditions.

4.2 Methodology

Remediation works at the site were undertaken in a staged manner between October 2005 and March 2012 and comprised the excavation of asbestos material and disposal to landfill. The base of excavated areas were then visually inspected for the presence of asbestos material and validation samples taken across the excavation surface. In instances where validation samples detected the presence of asbestos, additional material was excavated and removed to landfill, and the excavation base re-validated.

4.2.1 Excavation and Disposal of Asbestos Impacted Soil

Prior to the commencement of excavation and disposal of asbestos impacted soil material an application for a *Permit to remove and dispose of contaminated soil pursuant to Section 424 of the Environmental Protection Act 1994* was lodged with DEHP (formerly EPA), with the following Soil Disposal Permit issued:

- 28 September 2005 - permit to dispose of 3000m³ of contaminated soil to Collex's Wattle Glen landfill facility (EPA Job Number 900551).

The identified asbestos material comprised a layer of bonded asbestos sheeting beneath a shallow layer of fill material, however, prior to the commencement of excavation at the site the extent of asbestos cement sheeting and impacted soil material was unknown, and as such the volume of potentially impacted soil material was estimated to be 3,000m³. A copy of the disposal permit is presented in Appendix B.

4.2.1.1 October 2005 to November 2005

Excavation commenced on 14 October 2005, where it was identified that the asbestos comprised a stacked layer of bonded asbestos sheeting, generally placed directly on top of the natural ground surface. A thin layer of fill material (between 0.1 and 0.5m depth) was located on top of the asbestos sheets. The asbestos cement sheets were damp and often comprised whole, undamaged sheets.

Between 14 October 2005 and 19 October 2005, asbestos sheeting and surrounding soil material was excavated and transported to landfill under the Soil Disposal Permit, with a total of approximately 7,500 tonnes of material disposed to landfill. Excavation commenced in the northern corner of the site and progressed along the western (Sandmere Rd) boundary in a strip approximately 40m in width.

An application for a second Soil Disposal Permit was lodged with DEHP, and the following Soil Disposal Permit issued:

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- 1 November 2005 - permit to dispose of 2,000m³ of contaminated soil to Collex' Wattle Glen landfill facility (EPA Job Number 900551).

Following issuing of the second Soil Disposal Permit, soil material was excavated and disposed under the permit, with asbestos sheeting removed and disposed as 'asbestos material' under the requirements of occupational health and safety legislation. Removal of asbestos sheeting in this manner was undertaken in consultation with Veolia, in consideration of their landfill acceptance criteria and licensing conditions, and was not supervised by Butler Partners. A copy of the disposal permit is presented in Appendix B.

Approximately 103 tonnes of impacted soil material was disposed to landfill on 17 November 2005, with a total of 7602.92 tonnes of soil and asbestos material disposed between October 2005 and November 2005.

Visual inspections were undertaken at the conclusion of excavation works to confirm that asbestos material has been adequately removed, however, validation sampling was not undertaken at the time of excavation due to ongoing works on the site. Validation sampling was undertaken on 21 May 2008 with seven of the nineteen samples reporting the presence of asbestos. On this basis, additional material was removed from these areas in conjunction with the next phase of excavation works (as described in Section 4.2.1.2).

4.2.1.2 July 2007 – January 2008

Excavation re-commenced on 4 July 2007 along the northern site boundary, with excavation proceeding along the northern boundary in a strip approximately 40m in width. The excavation commenced approximately 40m from the north western corner of the site where previous excavation had been undertaken (October 2005 to November 2005) and proceeded to the eastern site boundary.

Additional material was removed from along the western (Sandmere Rd) boundary of the site, in areas where validation samples collected from this area indicated that asbestos material was still present (samples collected 21 May 2008). Excavated material was removed to landfill under the requirements of occupational health and safety legislation and in discussion with the Veolia, and was not supervised by Butler Partners. A total of approximately 10,390 tonnes of material were disposed to landfill between July 2007 and January 2008.

Visual inspections were undertaken at the conclusion of excavation works to confirm that asbestos material had been adequately removed, however, validation samples were not collected due to ongoing works on the site.

4.2.1.3 July 2009 – December 2009

Excavation commenced on 24 July 2009 and comprised a series of smaller excavations in the southern portion of the site (along the southern and eastern boundaries) to remove remaining material not excavated as part of previous works. The progress of work was tracked with a GPS unit, with each strip overlapping previously excavated areas where applicable. Excavated material was removed to landfill under the requirements of occupational health and safety legislation and in discussion with Veolia, and was not supervised by Butler Partners. A total of approximately 7,645 tonnes of material were removed to landfill between July 2009 and December 2009.

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All excavated areas were visually inspected for the presence of asbestos, with the majority of each area validated through the collection of base validation samples. Some areas were unable to be sampled due to the presence of surface water following rainfall events and/or tidal cycles.

4.2.1.4 March 2012

Excavation commenced on 2 March 2012 following the removal of the northern boundary fence to enable material to be removed to the site boundary. This material was removed to landfill under the requirements of occupational health and safety legislation and in discussion with the accepting landfill, and was not supervised by Butler Partners. A total of approximately 90 tonnes of material were removed to landfill.

In addition, test pitting was undertaken across the site in areas determined to not have been previously or adequately validated (i.e. in areas only visually assessed). Overlying fill material was excavated down to the original ground surface level, with the surface of the natural material inspected and a validation sample collected. Overlying soil material was also inspected to ensure no trace of asbestos was present, with no asbestos observed in any of the test pits.

4.2.2 Air Quality Monitoring

Daily air quality monitoring was conducted during remediation works between 18th October 2005 and 20th October 2005. In general, air quality monitoring comprised the placement of three to four units on the site placed either along the external site boundaries or in the excavator cab during removal. The placement of each unit was based on the location of daily site activities in conjunction with daily weather observations. Air quality monitoring was not conducted during remedial works outside of the aforementioned dates.

Results for air quality monitoring reported concentrations of fibres below the limit of detection of <0.01 fibres/mL for each day of monitoring. Asbestos air monitoring summary reports are provided in Appendix C.

4.2.3 Soil Disposal Quantities

The asbestos contaminated fill was excavated and loaded into trucks for off-site transportation and disposal to the designated landfill facility. Each truckload was weighed at the landfill facility and the weights recorded. A summary of the total weight of soil removed from the site is provided in Table 2.

Table 2: Total Weight & Disposal Destinations of Contaminated Materials

Disposal Period	Landfill Disposal Location	Mass (Tonne)
October 2005 – November 2005	Wattle Glen	7,602.92
July 2007 – January 2008	Wattle Glen	10,390.84
July 2009 – December 2009	Wattle Glen	7,645.78
March 2012	Wattle Glen	90.78
Total		25,730.32

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Weighbridge Summary Sheets, detailing the delivery of the contaminated fill to the designated landfill facilities, are provided in Appendix D, along with landfill acceptance letters.

4.3 Validation Sampling

Validation sampling took place in a staged manner between 2007 to 2012 generally in conjunction with the staged earthworks undertaken at the site. As impacted soil was removed from an area, the resulting excavation was visually inspected and validation samples collected, with the results presented in Table 3, and laboratory reported included in Appendix E. Where validation samples reported the presence of asbestos, additional material was excavated as discussed in Section 4.2.1.

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Table 3: Soil Validation Sample Results

Sample Date	Sample Number	Material Type	Asbestos
Adopted Site Criteria			No Detection
21-May-08	A1	Soil	CH, A
21-May-08	A2	Soil	NAD
21-May-08	A3	Soil	CH
21-May-08	A4	Soil	NAD
21-May-08	A5	Soil	NAD
21-May-08	B1	Soil	NAD
21-May-08	B2	Soil	NAD
21-May-08	B3	Soil	NAD
21-May-08	B4	Soil	CH
21-May-08	B5	Soil	CH
21-May-08	C3-1	Soil	CH
21-May-08	C4-1	Soil	CH
21-May-08	C5-1	Soil	NAD
21-May-08	C1	Soil	NAD
21-May-08	C2	Soil	NAD
21-May-08	D1	Soil	NAD
21-May-08	D2	Soil	CH, A
21-May-08	E1	Soil	NAD
21-May-08	E2	Soil	NAD
03-Sep-09	BV 17	Soil	NAD
03-Sep-09	BV 18	Soil	NAD
03-Sep-09	BV 19	Soil	NAD
03-Sep-09	BV 20	Soil	NAD
03-Sep-09	BV 21	Soil	NAD
03-Sep-09	BV 22	Soil	NAD
03-Sep-09	BV 23	Soil	NAD
03-Sep-09	BV 24	Soil	NAD
03-Sep-09	BV 25	Soil	NAD
03-Sep-09	BV 26	Soil	NAD
03-Sep-09	BV 27	Soil	NAD
03-Sep-09	BV 28	Soil	NAD
03-Sep-09	BV 29	Soil	NAD
03-Sep-09	BV 30	Soil	NAD
07-Sep-09	BV-1-1	Soil	NAD
07-Sep-09	BV-2-1	Soil	NAD
07-Sep-09	BV-3-1	Soil	NAD
07-Sep-09	BV-4-1	Soil	NAD
07-Sep-09	BV-5-1	Soil	NAD
07-Sep-09	BV-6-1	Soil	NAD
21-Sep-09	BV7-1	Soil	NAD
21-Sep-09	BV8-1	Soil	NAD
21-Sep-09	BV9-1	Soil	NAD
21-Sep-09	BV10-1	Soil	NAD
21-Sep-09	BV31	Soil	NAD
21-Sep-09	BV32	Soil	NAD
21-Sep-09	BV33	Soil	NAD
21-Sep-09	BV34	Soil	NAD
21-Sep-09	BV35	Soil	NAD
21-Sep-09	BV36	Soil	NAD
14-Oct-09	BV11-1	Soil	NAD
14-Oct-09	BV12-1	Soil	NAD
14-Oct-09	BV13-1	Soil	NAD
14-Oct-09	BV14-1	Soil	NAD
14-Oct-09	BV15-1	Soil	NAD
14-Oct-09	BV16-1	Soil	NAD
14-Oct-09	B37	Soil	NAD
14-Oct-09	B38	Soil	CH
14-Oct-09	B39	Soil	NAD
14-Oct-09	B40	Soil	NAD
14-Oct-09	B41	Soil	NAD
14-Oct-09	B42	Soil	CH
14-Oct-09	B43	Soil	NAD
14-Oct-09	B44	Soil	NAD
14-Oct-09	B45	Soil	NAD
21-Oct-09	B38-1	Soil	NAD
21-Oct-09	B42-1	Soil	NAD
10-Dec-09	B46	Soil	NAD
10-Dec-09	B47	Soil	NAD
10-Dec-09	B48	Soil	NAD
10-Dec-09	B49	Soil	NAD
10-Dec-09	B50	Soil	NAD
10-Dec-09	B51	Soil	NAD
10-Dec-09	B52	Soil	NAD
10-Dec-09	B53	Soil	NAD
10-Dec-09	B54	Soil	NAD
10-Dec-09	B55	Soil	NAD
10-Dec-09	B56	Soil	NAD
10-Dec-09	B57	Soil	NAD
10-Dec-09	B58	Soil	NAD

NOTES:

1

Analyte exceeds the Adopted Site Criteria

CH

Chrysotile asbestos

A

Amosite asbestos

NAD

No asbestos detected

-

Not analysed

At the conclusion of remediation works it was identified that validation samples had not been collected from several areas across the site. In order to confirm that the areas had been adequately remediated, a test pitting program was undertaken to validate these areas, with the results presented in Table 4, and laboratory reports included in Appendix E.

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Table 4: Test Pit Sample Results

Sample Date	Sample Number	Material Type	Asbestos
Adopted Site Criteria			No Detection
29-Feb-12	TP1-1	Soil	NAD
29-Feb-12	TP2-1	Soil	CH
02-Apr-12	TP2-2N	Soil	NAD
02-Apr-12	TP2-2S	Soil	NAD
02-Apr-12	TP2-2E	Soil	NAD
02-Apr-12	TP2-2W	Soil	NAD
02-Apr-12	TP2-2B	Soil	NAD
02-Mar-12	TP3-1	Soil	CH
02-Apr-12	TP3-2N	Soil	NAD
02-Apr-12	TP3-2S	Soil	NAD
02-Apr-12	TP3-2E	Soil	CH
02-Apr-12	TP3-2W	Soil	NAD
02-Apr-12	TP3-2B	Soil	NAD
29-Feb-12	TP4-1	Soil	NAD
29-Feb-12	TP5-1	Soil	NAD
29-Feb-12	TP6-1	Soil	NAD
29-Feb-12	TP7-1	Soil	NAD
29-Feb-12	TP8-1	Soil	NAD
29-Feb-12	TP9-1	Soil	NAD
02-Mar-12	TP10-1	Soil	NAD
02-Mar-12	TP11-1	Soil	NAD
02-Mar-12	TP12-1	Soil	NAD
02-Mar-12	TP13-1	Soil	NAD
02-Mar-12	TP14-1	Soil	NAD
02-Mar-12	TP15-1	Soil	NAD
02-Mar-12	TP16-1	Soil	NAD
02-Mar-12	TP17-1	Soil	NAD
02-Mar-12	TP18-1	Soil	NAD
02-Mar-12	TP19-1	Soil	NAD
02-Mar-12	TP20-1	Soil	NAD
02-Mar-12	TP21-1	Soil	NAD
02-Mar-12	TP22-1	Soil	NAD

NOTES:

- 1 Analyte exceeds the Adopted Site Criteria
- CH Chrysotile asbestos
- A Amosite asbestos
- NAD No asbestos detected
- Not analysed

The presence of asbestos material was identified in samples TP2-1 and TP3-1. In order to quantify to the extent of the impact, additional sampling was taken around the location of TP2 and TP3 on 2 April 2012. The original test pits remained open and as such, samples were collected from each of the walls of the test pit along with an additional sample from the base of the test pit.

Table 5 summarises the final validation samples for the site following the excavation and re-validation of areas identified above the remediation criteria. The location of final validation samples are presented on Drawing No. 1 Rev A, with laboratory reports included in Appendix E.

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Table 5: Final Validation Sample Results

Sample Date	Sample Number	Material Type	Asbestos	Soil Asbestos Content % w/w
Adopted Site Criteria			No Detection	-
WA Guidelines - All site uses			-	0.001
WA Guidelines - Commercial/Industrial			-	0.05
21-May-08	A2	Soil	NAD	-
21-May-08	A4	Soil	NAD	-
21-May-08	A5	Soil	NAD	-
21-May-08	B1	Soil	NAD	-
21-May-08	B2	Soil	NAD	-
21-May-08	B3	Soil	NAD	-
21-May-08	C5-1	Soil	NAD	-
21-May-08	C1	Soil	NAD	-
21-May-08	C2	Soil	NAD	-
21-May-08	D1	Soil	NAD	-
21-May-08	E1	Soil	NAD	-
21-May-08	E2	Soil	NAD	-
03-Sep-09	BV 17	Soil	NAD	-
03-Sep-09	BV 18	Soil	NAD	-
03-Sep-09	BV 19	Soil	NAD	-
03-Sep-09	BV 20	Soil	NAD	-
03-Sep-09	BV 21	Soil	NAD	-
03-Sep-09	BV 22	Soil	NAD	-
03-Sep-09	BV 23	Soil	NAD	-
03-Sep-09	BV 24	Soil	NAD	-
03-Sep-09	BV 25	Soil	NAD	-
03-Sep-09	BV 26	Soil	NAD	-
03-Sep-09	BV 27	Soil	NAD	-
03-Sep-09	BV 28	Soil	NAD	-
03-Sep-09	BV 29	Soil	NAD	-
03-Sep-09	BV 30	Soil	NAD	-
07-Sep-09	BV4-1	Soil	NAD	-
07-Sep-09	BV-2-1	Soil	NAD	-
07-Sep-09	BV-3-1	Soil	NAD	-
07-Sep-09	BV-4-1	Soil	NAD	-
07-Sep-09	BV-5-1	Soil	NAD	-
07-Sep-09	BV-6-1	Soil	NAD	-
21-Sep-09	BV7-1	Soil	NAD	-
21-Sep-09	BV8-1	Soil	NAD	-
21-Sep-09	BV9-1	Soil	NAD	-
21-Sep-09	BV10-1	Soil	NAD	-
21-Sep-09	BV31	Soil	NAD	-
21-Sep-09	BV32	Soil	NAD	-
21-Sep-09	BV33	Soil	NAD	-
21-Sep-09	BV34	Soil	NAD	-
21-Sep-09	BV35	Soil	NAD	-
14-Oct-09	BV11-1	Soil	NAD	-
14-Oct-09	BV12-1	Soil	NAD	-
14-Oct-09	BV13-1	Soil	NAD	-
14-Oct-09	BV14-1	Soil	NAD	-
14-Oct-09	BV15-1	Soil	NAD	-
14-Oct-09	BV16-1	Soil	NAD	-
14-Oct-09	B37	Soil	NAD	-
14-Oct-09	B38	Soil	NAD	-
14-Oct-09	B40	Soil	NAD	-
14-Oct-09	B41	Soil	NAD	-
14-Oct-09	B43	Soil	NAD	-
14-Oct-09	B44	Soil	NAD	-
14-Oct-09	B45	Soil	NAD	-
10-Dec-09	B47	Soil	NAD	-
10-Dec-09	B48	Soil	NAD	-
10-Dec-09	B49	Soil	NAD	-
10-Dec-09	B50	Soil	NAD	-
10-Dec-09	B53	Soil	NAD	-
10-Dec-09	B54	Soil	NAD	-
10-Dec-09	B55	Soil	NAD	-
10-Dec-09	B56	Soil	NAD	-
28-Feb-12	TP1-1	Soil	NAD	-
02-Apr-12	TP2-2N	Soil	NAD	-
02-Apr-12	TP2-2S	Soil	NAD	-
02-Apr-12	TP2-2E	Soil	NAD	-
02-Apr-12	TP2-2W	Soil	NAD	-
02-Apr-12	TP2-2B	Soil	NAD	-
02-Apr-12	TP3-2N	Soil	NAD	-
02-Apr-12	TP3-2S	Soil	NAD	-
02-Apr-12	TP3-2E	Soil	CH	0.000%
02-Apr-12	TP3-2W	Soil	NAD	-
02-Apr-12	TP3-2B	Soil	NAD	-
28-Feb-12	TP4-1	Soil	NAD	-
28-Feb-12	TP5-1	Soil	NAD	-
28-Feb-12	TP6-1	Soil	NAD	-
28-Feb-12	TP7-1	Soil	NAD	-
28-Feb-12	TP8-1	Soil	NAD	-
28-Feb-12	TP9-1	Soil	NAD	-
02-Mar-12	TP10-1	Soil	NAD	-
02-Mar-12	TP11-1	Soil	NAD	-
02-Mar-12	TP12-1	Soil	NAD	-
02-Mar-12	TP13-1	Soil	NAD	-
02-Mar-12	TP14-1	Soil	NAD	-
02-Mar-12	TP15-1	Soil	NAD	-
02-Mar-12	TP16-1	Soil	NAD	-
02-Mar-12	TP17-1	Soil	NAD	-
02-Mar-12	TP18-1	Soil	NAD	-
02-Mar-12	TP19-1	Soil	NAD	-
02-Mar-12	TP20-1	Soil	NAD	-
02-Mar-12	TP21-1	Soil	NAD	-
02-Mar-12	TP22-1	Soil	NAD	-

NOTES:
1 Analyte exceeds the Adopted Site Criteria
CH Chrysotile asbestos
A Amosite asbestos
NAD No asbestos detected
- Not analysed

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4.3.1 QA/QC Procedures

A representative sample was collected from the base of the excavated area and placed directly into a zip-lock plastic bag. To minimise the potential for cross contamination during validation sampling, disposable gloves were replaced between the collection of each sample. All samples were 'double bagged' before being dispatched under Chain of Custody documentation (Appendix E) to Parsons Brinkerhoff (PB) or Australian Laboratory Services (ALS) for analysis.

4.4 Assessment Criteria

To assess the suitability of the site for its proposed use, assessment criteria are required for asbestos.

Polarised light microscopy, including dispersion staining techniques used to identify asbestos are qualitative methods which allows classification of materials as either containing asbestos or not containing asbestos. Consequently materials are assessed as either containing asbestos or not containing asbestos. Asbestos is a generic term for a number of fibrous silicate minerals. The common forms of asbestos include:

- chrysotile (white asbestos) – most abundant;
- amosite (brown or grey asbestos); and
- crocidolite (blue asbestos)

Quantitative assessment of asbestos soil contamination is based on the WA Guidelines. Investigation levels for contaminants are presented in the Guidelines for a range of categories:

- 0.001% w/w asbestos for FA and AF – All site uses;
- 0.01% w/w asbestos for ACM – Residential use, day care centres, preschools, etc;
- 0.04% w/w asbestos for ACM – Residential, minimal soil access; and
- 0.05% w/w asbestos for ACM – Commercial/Industrial.

The WA Guidelines commercial/industrial criteria (0.05% w/w) has been adopted for the assessment of the site.

4.5 Comparison of Results to Assessment Criteria

Validation samples were collected following the removal of all contaminated material. Laboratory analytical report sheets detailing contaminant presence in soil samples, analytical methods and reporting limits for soil samples collected during validation work conducted by Butler Partners are presented in Appendix E.

4.5.1 Asbestos in soil – qualitative assessment

Qualitative assessment of asbestos in soil samples was based upon presence or absence of asbestos fibres within the soil sample.

Twelve of the one hundred and eleven validation samples analysed for the presence or absence of asbestos reported detectable traces of asbestos material comprising Chrysotile and Amosite asbestos. Following further excavation and additional validation sampling, one of the ninety three final validation samples (TP3-2E) reported detectable traces of asbestos material comprising a small fragment of Chrysotile asbestos.

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4.5.2 Asbestos in soil – quantitative assessment

In order to assess the concentration of asbestos represented by TP3-2E, a bulk sample (10L) was collected from the location of TP3-2E and the methodology presented in the *Guidelines for the Assessment, Remediation and Management of Asbestos-Contaminated Sites in Western Australia*, May 2009 (WA Guidelines) adopted. The following formula was used in calculating the concentration of soil attributable to ACM contamination:

$$\% \text{ Soil Asbestos} = \frac{\% \text{ Asbestos Content} \times \text{ACM (kg)}}{\text{Soil Volume (L)} \times \text{Soil Density (kg/L)}}$$

Notes: Asbestos content is assumed to be 15% and soil density 1.8kg/L

Approximately 10L of soil material was collected from the location of TP3-2E and screened through a 7mm sieve, with material larger than 7mm collected for analysis (sample TP3-2EA). A representative sample (approximately 500g) of the soil material which passed through the 7mm sieve was also collected for analysis (sample TP3-2EB).

Both of the samples collected (>7mm and <7mm) were reported to contain no detectible traces of asbestos or asbestos fibres, and as such are within the investigation levels for clean fill and commercial/industrial land uses (% Soil Asbestos = 0.000%).

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SECTION 5 - CONCLUSIONS AND RECOMMENDATIONS

It is considered that the remedial works undertaken on Lot 479 on M3321 have been successfully completed with the removal of asbestos material from the site. Final validation samples collected in natural soil following the removal of asbestos fill material returned results below the site remediation goals. Contaminated material has been disposed of appropriately to landfill, in accordance with DEHP authorised Soil Disposal Permits and the requirements of occupational health and safety legislation.

A person suitably qualified in accordance with S.381 and S.395 of the *Environmental Protection Act 1994* supervised and undertook site validation works and compiled this Validation Report.

Based on the remediation and validation works completed, it is considered that Lot 479 on M3321 has been successfully remediated, with all asbestos material removed from the site. On this basis, Lot 479 on M3321 should be removed from DEHP's EMR.

BUTLER PARTNERS PTY LTD

s.73 irrelevant information

s.73 irrelevant information

Environmental Engineer

s.73 irrelevant information

Associate

Reviewed by:

s.73 irrelevant information

s.73 irrelevant information

Principal

Important Information About Your Geoenvironmental Report

Geoenvironmental studies are commissioned to gain information about environmental conditions on and beneath the surface of a site. The more comprehensive the study, the more reliable the assessment is likely to be. But remember: Any such assessment is to a greater or lesser extent based on professional opinions about conditions that cannot be seen or tested. Accordingly, no matter how many data are developed, risks created by unanticipated conditions will always remain. *Have realistic expectations.* Work with your geoenvironmental consultant to manage known and unknown risks. Part of that process should already have been accomplished, through the risk allocation provisions you and your geoenvironmental professional discussed and included in your contract's general terms and conditions. This document is intended to explain some of the concepts that may be included in your agreement, and to pass along information and suggestions to help you manage your risk.

Beware of Change; Keep Your Geoenvironmental Professional Advised

The design of a geoenvironmental study considers a variety of factors that are subject to change. Changes can undermine the applicability of a report's findings, conclusions, and recommendations. *Advise your geoenvironmental professional about any changes you become aware of.* Geoenvironmental professionals cannot accept responsibility or liability for problems that occur because a report fails to consider conditions that did not exist when the study was designed. Ask your geoenvironmental professional about the types of changes you should be particularly alert to. Some of the most common include:

- modification of the proposed development or ownership group,
- sale or other property transfer,
- replacement of or additions to the financing entity,
- amendment of existing regulations or introduction of new ones, or
- changes in the use or condition of adjacent property.

Should you become aware of any change, *do not rely on a geoenvironmental report.* Advise your geoenvironmental professional immediately; follow the professional's advice.

Recognize the Impact of Time

A geoenvironmental professional's findings, recommendations, and conclusions cannot remain valid indefinitely. The more time that passes, the more likely it is that important latent changes will occur. *Do not rely on a geoenvironmental report if too much time has elapsed since it was completed.* Ask your environmental professional to define "too much time." In the case of Phase I Environmental Site Assessments (ESAs), for example, more than 180 days after submission is generally considered "too much."

Prepare To Deal with Unanticipated Conditions

The findings, recommendations, and conclusions of a Phase I ESA report typically are based on a review of historical information, interviews, a site "walkover," and other forms of noninvasive research. When site subsurface conditions are not sampled in any way, the risk of unanticipated conditions is higher than it would otherwise be.

While borings, installation of monitoring wells, and similar invasive test methods can help reduce the risk of unanticipated conditions, *do not overvalue the effectiveness of testing.* Testing provides information about actual conditions only at the precise locations where samples are taken, and only when they are taken. Your geoenvironmental professional has applied that specific information to develop a general opinion about environmental conditions. *Actual conditions in areas not sampled may differ (sometimes sharply) from those predicted in a report.* For example, a site may contain an unregistered underground storage tank that shows no surface trace of its existence. *Even conditions in areas that were tested can change,* sometimes suddenly, due to any number of events, not the least of which include occurrences at

adjacent sites. Recognize, too, that *even some conditions in tested areas may go undiscovered*, because the tests or analytical methods used were designed to detect only those conditions assumed to exist.

Manage your risks by retaining your geoenvironmental professional to work with you as the project proceeds. Establish a contingency fund or other means to enable your geoenvironmental professional to respond rapidly, in order to limit the impact of unforeseen conditions. And to help prevent any misunderstanding, identify those empowered to authorize changes and the administrative procedures that should be followed.

Do Not Permit Any Other Party To Rely on the Report

Geoenvironmental professionals design their studies and prepare their reports to meet the specific needs of the clients who retain them, in light of the risk management methods that the client and geoenvironmental professional agree to, and the statutory, regulatory, or other requirements that apply. The study designed for a developer may differ sharply from one designed for a lender, insurer, public agency...or even another developer. *Unless the report specifically states otherwise, it was developed for you and only you.* Do not unilaterally permit any other party to rely on it. The report and the study underlying it may not be adequate for another party's needs, and you could be held liable for shortcomings your geoenvironmental professional was powerless to prevent or anticipate. Inform your geoenvironmental professional when you know or expect that someone else—a third-party—will want to use or rely on the report. *Do not permit third-party use or reliance until you first confer with the geoenvironmental professional who prepared the report.* Additional testing, analysis, or study may be required and, in any event, appropriate terms and conditions should be agreed to so both you and your geoenvironmental professional are protected from third-party risks. *Any party who relies on a geoenvironmental report without the express written permission of the professional who prepared it and the client for whom it was prepared may be solely liable for any problems that arise.*

Avoid Misinterpretation of the Report

Design professionals and other parties may want to rely on the report in developing plans and specifications. They need to be advised, in writing, that their needs may not have been considered when the study's scope was developed, and, even if their needs were considered, they might misinterpret geoenvironmental findings, conclusions, and recommendations. *Commission your geoenvironmental professional to explain pertinent elements of the report to others who are permitted to rely on it, and to review any plans, specifications or other instruments of professional service that incorporate any of the report's findings, conclusions, or recommendations.* Your geoenvironmental professional has the best understanding of the issues involved, including the fundamental assumptions that underpinned the study's scope.

Give Contractors Access to the Report

Reduce the risk of delays, claims, and disputes by giving contractors access to the full report, *providing that it is accompanied by a letter of transmittal that can protect you* by making it unquestionably clear that: 1) the study was not conducted and the report was not prepared for purposes of bid development, and 2) the findings, conclusions, and recommendations included in the report are based on a variety of opinions, inferences, and assumptions and are subject to interpretation. Use the letter to also advise contractors to consult with your geoenvironmental professional to obtain clarifications, interpretations, and guidance (a fee may be required for this service), and that—in any event—they should conduct additional studies to obtain the specific type and extent of information each prefers for preparing a bid or cost estimate. Providing access to the full report, with the appropriate caveats, helps prevent formation of adversarial attitudes and claims of concealed or differing conditions. If a contractor elects to ignore the warnings and advice in the letter of transmittal, it would do so at its own risk. Your geoenvironmental professional should be able to help you prepare an effective letter.

Do Not Separate Documentation from the Report

Geoenvironmental reports often include supplemental documentation, such as maps and copies of regulatory files, permits, registrations, citations, and correspondence with regulatory agencies. If subsurface explorations were performed, the report may contain final boring logs and copies of laboratory data. If remediation activities occurred on site, the report may include: copies of daily field reports; waste manifests; and information about the disturbance of subsurface materials, the type and thickness of any fill placed on site, and fill placement practices, among other types of documentation. *Do not separate supplemental documentation from the report. Do not, and do not permit any other party to redraw or modify any of the supplemental documentation for incorporation into other professionals' instruments of service.*

Understand the Role of Standards

Unless they are incorporated into statutes or regulations, standard practices and standard guides developed by the American Society for Testing and Materials (ASTM) and other recognized standards-developing organizations (SDOs) are little more than aspirational methods agreed to by a consensus of a committee. The committees that develop standards may not comprise those best-qualified to establish methods and, no matter what, no standard method can possibly consider the infinite client- and project-specific variables that fly in the face of the theoretical "standard conditions" to which standard practices and standard guides apply. In fact, these variables can be so pronounced that geoenvironmental professionals who comply with every directive of an ASTM or other standard procedure could run afoul of local custom and practice, thus violating the standard of care.

Accordingly, when geoenvironmental professionals indicate in their reports that they have performed a service "in general compliance" with one standard or another, it means they have applied professional judgement in creating and implementing a scope of service designed for the specific client and project involved, and which follows some of the general precepts laid out in the referenced standard. To the extent that a report indicates "general compliance" with a standard, you may wish to speak with your geoenvironmental professional to learn more about what was and was not done. *Do not assume a given standard was followed to the letter.* Research indicates that that seldom is the case.

Realize That Recommendations May Not Be Final

The technical recommendations included in a geoenvironmental report are based on assumptions about actual conditions, and so are preliminary or tentative. Final recommendations can be prepared only by observing actual conditions as they are exposed. For that reason, you should retain the geoenvironmental professional of record to observe construction and/or remediation activities on site, to permit rapid response to unanticipated conditions. *The geoenvironmental professional who prepared the report cannot assume responsibility or liability for the report's recommendations if that professional is not retained to observe relevant site operations.*

Understand That Geotechnical Issues Have Not Been Addressed

Unless geotechnical engineering was specifically included in the scope of professional service, a report is not likely to relate any findings, conclusions, or recommendations about the suitability of subsurface materials for construction purposes, especially when site remediation has been accomplished through the removal, replacement, encapsulation, or chemical treatment of on-site soils. The

equipment, techniques, and testing used by geotechnical engineers differ markedly from those used by geoenvironmental professionals; their education, training, and experience are also significantly different. If you plan to build on the subject site, but have not yet had a geotechnical engineering study conducted, your geoenvironmental professional should be able to provide guidance about the next steps you should take. The same firm may provide the services you need.

Read Responsibility Provisions Closely

Geoenvironmental studies cannot be exact; they are based on professional judgement and opinion. Nonetheless, some clients, contractors, and others assume geoenvironmental reports are or certainly should be unerringly precise. Such assumptions have created unrealistic expectations that have led to wholly unwarranted claims and disputes. To help prevent such problems, geoenvironmental professionals have developed a number of report provisions and contract terms that explain who is responsible for what, and how risks are to be allocated. Some people mistake these for "exculpatory clauses," that is, provisions whose purpose is to transfer one party's rightful responsibilities and liabilities to someone else. Read the responsibility provisions included in a report and in the contract you and your geoenvironmental professional agreed to. *Responsibility provisions are not "boiler-plate."* They are important.

Rely on Your Geoenvironmental Professional for Additional Assistance

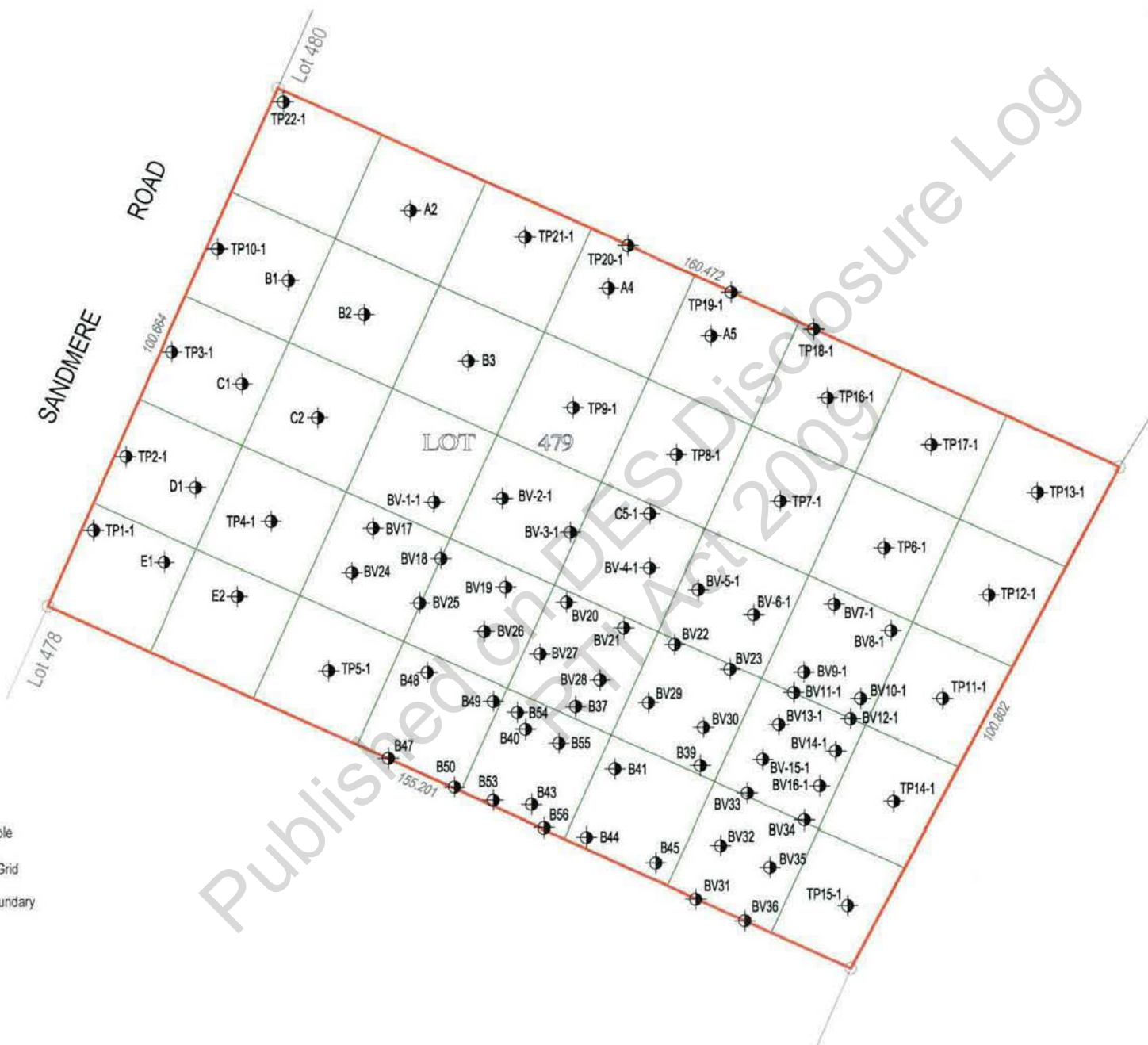
Membership in ASFE exposes geoenvironmental professionals to a wide array of risk management techniques that can be of genuine benefit for everyone involved with a geoenvironmental project. Confer with your ASFE-member geoenvironmental professional for more information.



8811 Colesville Road/Suite G106, Silver Spring, MD 20910
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 e-mail: info@asfe.org www.asfe.org

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IIGR06055.0M



LEGEND

- TP1-1 Validation Sample
- 20m Sampling Grid
- Lot 479 Site Boundary



UBD Reference: Map 122 Grid N15 (53rd Edition) nts

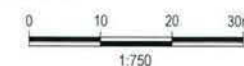
SITE REMEDIATION & VALIDATION

119 SANDMERE ROAD, PINKENBA

**LOCALITY PLAN AND VALIDATION SAMPLE
LOCATIONS**

CLIENT: **L & D CONTRACTING**

SCALE AT A3:



DATE: JUNE 2012

DRAWN: FD

APPROVED: s.73 irrelev

PROJECT No: 05210 RPT: VAL

Page 118 of 271

DRAWING No: 1 REV: A

*Proposed Industrial Development
119 Sandmere Road, Pinkenba
Project No.: 05210
28 May 2012*

APPENDIX A

GOVERNMENT SEARCHES

Notification of Land

Sections 118E and 118F Environmental Protection Act (1994)

The following information should be supplied by people providing notification to the Department of Environment and Heritage of contaminated land or land used for a notifiable activity under Schedule 3 of the Environmental Protection Act 1994.

Essential information

- Please complete all information
- Please complete one form per lot
- Please refer to the reverse side for information on how to complete this form

Date: 16.09.05

1. Local government

Brisbane City Council

5. Location

Street Address 119 Sandmere Rd

2. Information provided by

Name s.73 irrelevant information

Town/suburb Pinkenba

Telephone s.73 irrelevant information

Postcode 4008

Organisation Jondea Nominees P/L

6. Name and postal address of land owner
Name Jondea Nominees P/L

s.73 irrelevant information

3. Name by which the property is known locally

—

7. Area of parcel in square metres

(this information is used as a cross-check on the land description details)

4. Lot on Plan description of parcel of land

Lot 479 Plan CP M3321

2.2 ha

Parish Toombul

8. Notification information (please refer to the reverse side of this form and Schedule 3 of the Environmental Protection Act 1994)

Description of the notifiable activity/ies for which the land is or has been used and the source/s of the suspected contamination (please list all notifiable activities that the land has been used for and provide details).

Burial of Asbestos Waste (>5 tonnes)

9. Map or locality plan (The processing of this information would be greatly assisted by the inclusion of a map or locality plan)

s.73 irrelevant information

Signature of person providing notification information —



CURRENT TITLE SEARCH

NATURAL RESOURCES & MINES, QUEENSLAND

Request No: 1110501

Search Date: 19/09/2005 12:09 pm

Title Reference: 11137115

Date Created: 05/04/1910

Creating Dealing: 602247536

REGISTERED OWNER

Interest

Dealing No: 708774427 28/06/2005

VANDEE NOMINEES PTY LTD A.C.N. 010 170 171

1/2

JONDEE NOMINEES PTY LTD A.C.N. 010 170 304

1/2

AS TENANTS IN COMMON

ESTATE AND LAND

Estate in Fee Simple

LOT 479 CROWN PLAN M3321
County of STANLEY Parish of TOOMBUL
Local Government: BRISBANE CITY

For depth restrictions refer to Plan CP M3321

EASEMENTS, ENCUMBRANCES AND INTERESTS

1. Rights and interests reserved to the Crown by
Deed of Grant No. 10612152 (POR 479)
2. MORTGAGE No 708811790 11/07/2005 at 14:38
COMMONWEALTH BANK OF AUSTRALIA A.B.N. 48 123 123 124

ADMINISTRATIVE ADVICES - NIL

UNREGISTERED DEALINGS - NIL

CERTIFICATE OF TITLE ISSUED - No

Caution - Charges do not necessarily appear in order of priority

** End of Current Title Search **

COPYRIGHT THE STATE OF QUEENSLAND (NATURAL RESOURCES & MINES) [2005]
Requested By: External Supervisor

M 3321

Corresponds to sheet 1 of 10 in accordance with
Section 18 Land Title Act 1994/
Section 381 Land Act 1994/
also Dealing No.
106,532,072
Register of Titles
L 30/4/2003

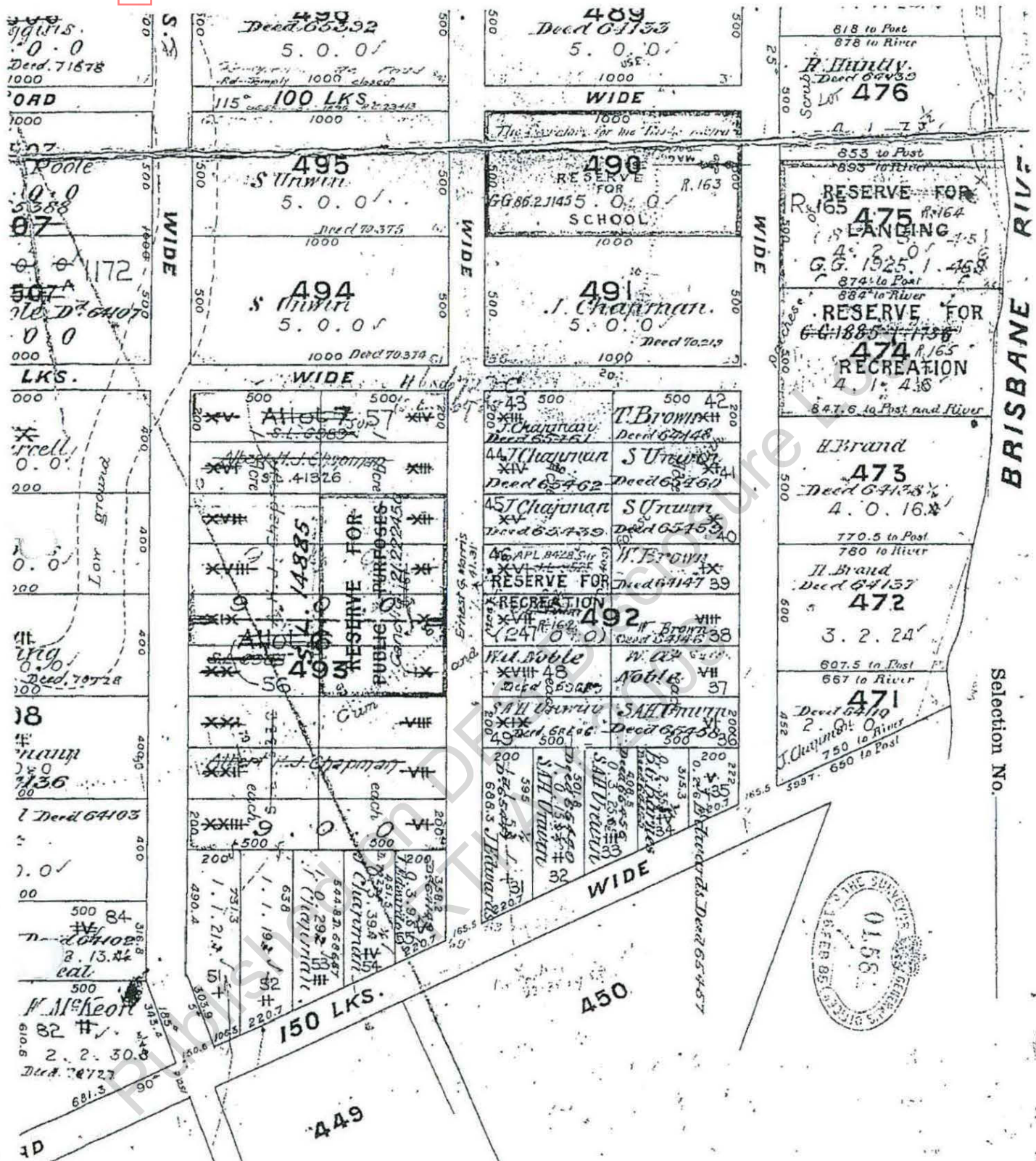


Allys 6 & 7 Sec. 493 S.L. 14585 Albert H.
505 & 505A S.L. 14585 Gottfried Wenzel
538 S.L. 2566 Joseph Damrow
Allys 6 & 7 Sec. 493 S.L. 31541 L. 68.38
Allys 6 & 7 Sec. 493 S.L. 31541 L. 68.38

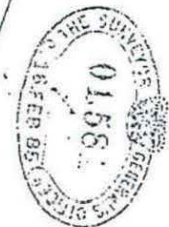
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342	207.50	329	Dak.
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377	207.50	294	Dak.
378	207.50	293	Dak.
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456	207.50	215	Dak.
457	207.50	214	Dak.



Rele



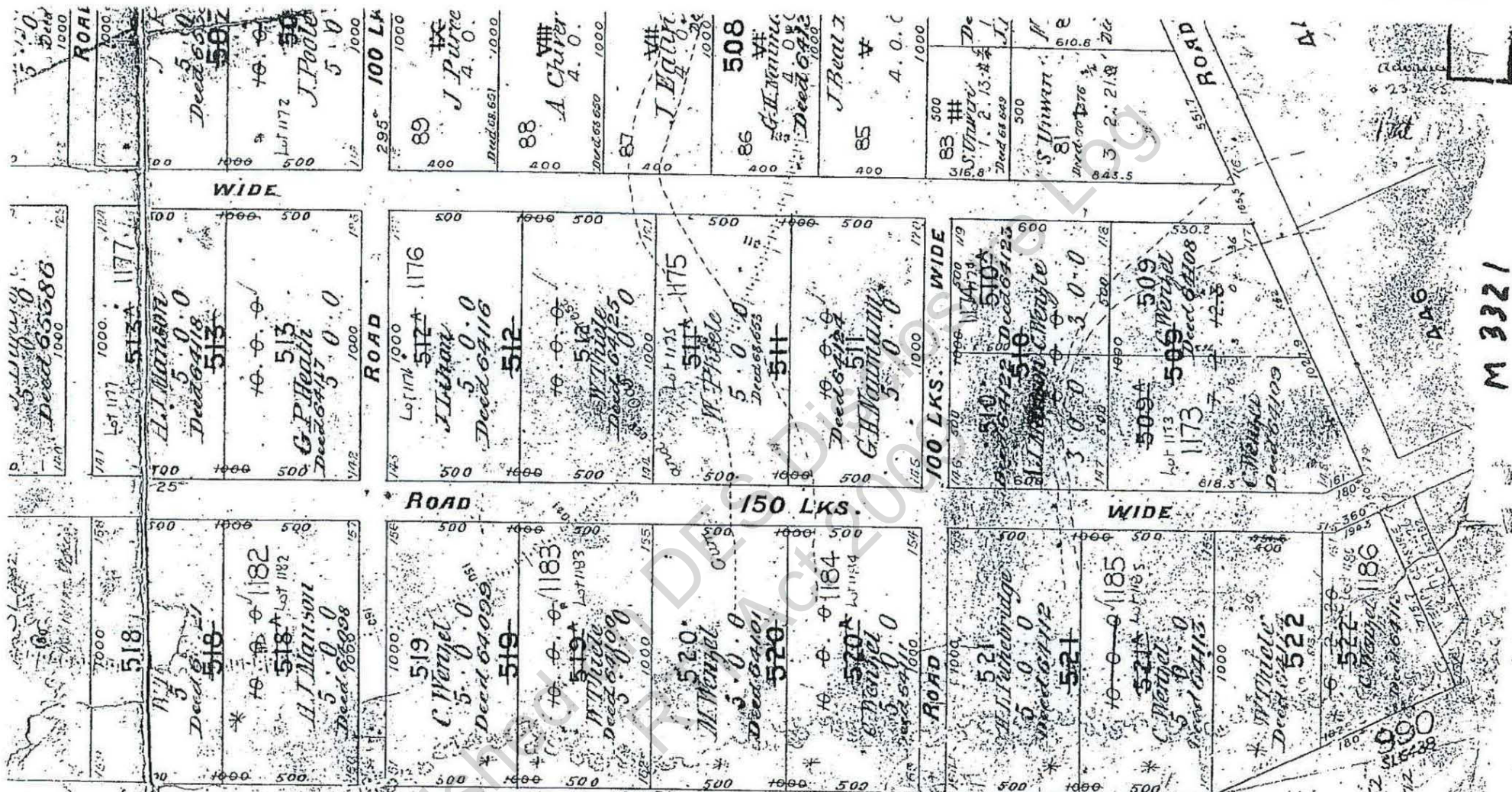
Selection No.



M3321

**For Additional Plan &
Document Notings
Refer to CISP**

M 3321



I hereby certify, on honour, that this survey has been carried out with the theodolite, and that the boundaries shown on the diagram accord with those marked and defined on the ground.

SCALE 4 chains to an inch.

Surveyed under 1872-73 instructions from Sir Guy F. General. No.

22607 19th April

By Letter No.

324

Marine - ntain

SURVEY To

OF PORTIONS; Nos. 471 to 522

PARISH *Toombul*

TY OF StanleyLAND AGENT'S DISTRICT OF *Barbados*



Level 16, 288 Edward St • Brisbane, Queensland • GPO Box 2771 • QLD 4001 • AUSTRALIA
Telephone (07) 32251827 • Facsimile (07) 3247 3278 • www.env.qld.gov.au/environment/business/contaminated

20 September 2005

Site ID: 716
File Number:
Enquiries to: Contaminated Land Unit
Telephone: (07) 322 58487

JONDEE NOMINEES PTY LTD & VANDEE NOMINEES PTY LTD
PO BOX 522
VIRGINIA QLD 4014

NOTICE OF LAND LISTED ON THE ENVIRONMENTAL MANAGEMENT REGISTER

In accordance with section 374 of the *Environmental Protection Act 1994 (EP Act)* notice is given that the parcel of land described below has been listed on the Environmental Management Register (EMR).

Lot: 479 Plan: M3321
BRISBANE CITY COUNCIL

119 SANDMERE ROAD
PINKENBA QLD 4008

The parcel of land has been recorded on the EMR as, after careful consideration of submissions, it is decided that the land has been, or is being used, for the following notifiable activities pursuant to section 374 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.

ASBESTOS MANUFACTURE OR DISPOSAL -

- (a) manufacturing asbestos products; or
- (b) disposing of unbonded asbestos; or
- (c) disposing of more than 5t of bonded asbestos.

LANDFILL - disposing of waste (excluding inert construction and demolition waste).

The owner may apply for a review of the decision to record the land in the EMR within 14 days after receipt of this notice, in accordance with section 521 of the *EP Act*. If you decide to apply for a review you must, in accordance with section 521(3), also give notice to the local government that you are seeking a review. You must forward to the local government the following documents:

- a notice of the application (the "review notice");
- a copy of the application and supporting documents.

The review notice must inform the local government that submissions on the application may be made within 7 days after the application is made to the EPA, as required by section 521(4) of the *EP Act*. A land owner dissatisfied with a review decision may appeal against the decision in accordance with section 531 of the *EP Act*. A copy of sections 521 and 531 is attached to this notice.

Please note that the listing of a site on the EMR does not imply that the EPA considers the site to be "contaminated", nor does it require that the land be investigated and remediated. The listing does not imply that this site 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. Remediation would be needed if there were evidence that the site presented an unacceptable health or environmental risk for its current use. In the event that the site is redeveloped, the EPA may require that remediation or

management of any contamination be conducted to protect public health and the environment.

It should also be noted that, with the issuing of this Notice under section 374, the following requirements apply under section 421 of the *EP Act*.

If the owner proposes to dispose of the land to someone else, the owner must, before agreeing to dispose of the land, give written notice to the buyer that the particulars of the land have been recorded in the register.

Further information regarding this notice may be obtained by contacting the Contaminated Land Unit, EPA on telephone (07) 322 58487. Further information about contaminated land matters may be obtained by visiting our web-site at: www.epa.qld.gov.au/environment/business/contaminated.

s.73 irrelevant information

Delegate of Administering Authority
Environmental Protection Act 1994

Published on DES Disclosure Log
RTI Act 2009

Released

QLD ENVIRONMENTAL PROTECTION AGENCY
ENVIRONMENTAL MANAGEMENT REGISTER (EMR)
CONTAMINATED LAND REGISTER (CLR)

Transaction ID: 711395 EMR Site Id: 10 February 2005

This response relates to a search request received for the site:

Lot: 479 Plan: CP3321

EMR RESULT

The above site is NOT included on the Environmental Management Register.

CLR RESULT

The above site is NOT included on the Contaminated Land Register.

ADDITIONAL ADVICE

Note: The cost of a search increased on 2 July 2004 and is now \$30.70 per lot.

If you have any queries in relation to this search please phone (07) 3227 7370.

Lindi Bowen
Registrar, Contaminated Land Unit

*Proposed Industrial Development
119 Sandmere Road, Pinkenba
Project No.: 05210
28 May 2012*

APPENDIX B

SOIL DISPOSAL PERMITS

Published on DES Disclosure Log
RTI Act 2009



**Queensland
Government**

Enquiries to: P Neilson
Telephone: (07) 3225 1045
Your reference: 05210
Our reference: 900551

Environmental Protection Agency

Incorporating the
Queensland Parks and Wildlife Service

Permit to Remove and Dispose of Contaminated Soil

Pursuant to Section 424 of the *Environment Protection Act* 1994 (EP Act) permission is given to the applicant

s.73 irrelevant information

Butler Partners Pty Ltd

38 Doggett Street, FORTITUDE VALLEY QLD 4006

Telephone: (07) 3852 3800

Fax: (07) 3852 3808

to remove and dispose of soil contaminated with
asbestos

from 119 ~~Annerly Road, Dutton Park, Qld 4102~~ *Sardmore Road, Pinkenba*

on Lot 479 on CP M3321 and described in the following correspondence:

Application for Disposal Permit Reoval of Asbestos Contaminated Soil letter and Notification Letter (Butler Partners, 20 September 2005).

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.

s.73 irrelevant information

Signed

s.73 irrelevant info

Mark Paton

Chief Scientific Advisor (Contaminated Land Unit)

28/9/2005

cc. EPA - Southern Region. Att: Hugh Wright

cc. Collex Pty Ltd. Att: David Solomon (fax: 3275 0164)

Notice to Applicant

The conditions on this permit have been decided after consideration of the standard criteria (EP Act) and for the purpose of preventing environmental harm. The applicant may apply for a review or appeal against the decision within 10 business days of receipt of this notice (s521 and s531).

288 Edward Street Brisbane
Queensland 4000 Australia
GPO Box 2771, Brisbane Qld 4001
Telephone (07) 3225 1827
Facsimile (07) 3247 3278
Website www.env.qld.gov.au
ABN 87 221 158 786

Schedule 1 of 2 – Specific Conditions

The volume or mass of the contaminated soil shall not exceed 3,000 cubic metres.

The soil is to be disposed in accordance with the disposal facility approval letter dated 20/09/2005 at Wattle Glen Landfill Facility (Collex Pty Ltd), Hallets Road / Patrick Street and Greenwood Village Road, Redbank Plains, Qld 4031.

The soil must be disposed between 26/09/2005 and 26/12/2005.

Other Conditions:

Nil

Published on DES Disclosure Log
RTI Act 2009

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 business days of the date of disposal. The holder of, or person acting under a disposal permit, must comply with the conditions of the permit (s425 of the *Environmental Protection Act 1994*).
Maximum penalty - 100 penalty units.

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 released; 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****



Queensland
Government

Enquiries to: P Patel
Telephone: (07) 3224 6166
Your reference: 05210
Our reference: 900551

Environmental Protection Agency

Incorporating the
Queensland Parks and Wildlife Service

Permit to Remove and Dispose of Contaminated Soil

Pursuant to Section 424 of the *Environment Protection Act* 1994 (EP Act) permission is given to the applicant

s.73 irrelevant information

Butler Partners Pty Ltd

38 Doggett Street, FORTITUDE VALLEY QLD 4006

Telephone: (07) 3852 3800

Fax: (07) 3852 3808

to remove and dispose of soil contaminated with
Asbestos

from 119 Sandmere Road, Pinkenba, QLD 4008

on Lot 479 on CP M3321 and described in the following correspondence:

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

s.73 irrelevant information

Elissaveth Black

Principal Environmental Officer

1 / 11 / 05

Cc: EPA (Southern Region), attn: Luke Zambelli, Fax: (07) 32473278

Cc: Collex Pty Ltd, attn: David Solomon, Fax: (07)32750101

Notice to Applicant

The conditions on this permit have been decided after consideration of the standard criteria (EP Act) and for the purpose of preventing environmental harm. The applicant may apply for a review or appeal against the decision within 10 business days of receipt of this notice (s521 and s531).

288 Edward Street Brisbane
Queensland 4000 Australia
GPO Box 2771, Brisbane Qld 4001
Telephone (07) 3225 1827
Facsimile (07) 3247 3278
Website www.env.qld.gov.au
ABN 87 221 158 786

Schedule 1 of 2 – Specific Conditions

The volume or mass of the contaminated soil shall not exceed 2000 cubic meters.

The soil is to be disposed in accordance with the disposal facility approval letter dated 25/10/2005 at Collex Pty Ltd, Wattle Glen Landfill, Hallets Rd/ Patrick St and Greenwood Village Rd, Redbank Plains, QLD 4031.

The soil must be disposed between 2/11/2005 and 1/02/2006.

Other Conditions:

(a) All contaminated soil removal and transportation operation must be supervised by a suitably qualified and experienced person who is a member of a prescribed organisation in accordance with s381 of the Environmental Protection Act 1994.

Published on DES Disclosure Log
RTI Act 2009

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 business days of the date of disposal. The holder of, or person acting under a disposal permit, must comply with the conditions of the permit (s425 of the *Environmental Protection Act 1994*).

Maximum penalty - 100 penalty units.

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.

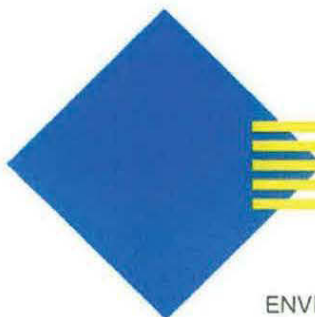
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*Proposed Industrial Development
119 Sandmere Road, Pinkenba
Project No.: 05210
28 May 2012*

APPENDIX C

AIR QUALITY MONITORING REPORTS

Published on DES Disclosure Log
RTI Act 2009



Enviro health

CONSULTING PTY. LTD.

A.C.N. 054 748 819

ENVIRONMENTAL & OCCUPATIONAL HAZARD MONITORING & ADVISORY

BRISBANE LABORATORY REPORT

Estimation of Airborne Asbestos Dust

Report No: Q4449R01 Date: 18 October 2005

Client: Butler Partners
Client Address: PO Box 2267
Fortitude Valley Qld 4006

Sampled From: Sandmere Road

*Sampling Procedures: In accordance with NOHSC Guidance Notes

Sampled by: s.73 irrelevant info On: 18 October 2005

Test Method: In Accordance with 1988 NOHSC Guidance Note on the Membrane Filter Method (as outlined in the laboratory method manual)

Site Location	Filter I.D.	Time On/Off	Flow Rate Lt/min	Result Fibres/Field	Result Fibres/mL
South Boundary During Removal	Q4449S01	1147/1512 205 min	2.0	0/100	<0.01
Front Fence South During Removal	Q4449S02	1149/1514 205 min	2.0	0/100	<0.01
Front Fence North During Removal	Q4449S03	1151/1516 205 min	2.0	0/100	<0.01
Daewoo excavator cab During Removal	Q4449S04	1205/1515 190 min	2.0	6.5/100	<0.01

NATA Accredited Laboratory

Number: 3375



NATA ENDORSED TEST REPORT
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except in full.

s.73 irrelevant inform

Approved Counter

s.73 irrelevant informat

Approved Signatory

s.73 irrelevant inform

* "Sampling Procedures not covered by scope of accreditation"

137 Fortescue St, Spring Hill 4000
PO Box 1066, Spring Hill 4004
Phone: (07) 3839 1122
Fax: (07) 3839 1133
Website: www.envirohealth.com.au



Enviro health

CONSULTING PTY. LTD.

A.C.N. 054 748 819

ENVIRONMENTAL & OCCUPATIONAL HAZARD MONITORING & ADVISORY

BRISBANE LABORATORY REPORT

Estimation of Airborne Asbestos Dust

Report No: Q4449R02 Date: 19 October 2005

Client: Butler Partners
Client Address: PO Box 2267
Fortitude Valley Qld 4006

Sampled From: Sandmere Road

*Sampling Procedures: In accordance with NOHSC Guidance Notes

Sampled by: s.73 irrelevant information On: 19 October 2005

Test Method: In Accordance with 1988 NOHSC Guidance Note on the Membrane Filter Method (as outlined in the laboratory method manual)

Site Location	Filter I.D.	Time On/Off	Flow Rate Lt/min	Result Fibres/Field	Result Fibres/mL
South Boundary During Removal	Q4449S05	0720/1150 240 min	2.0	0/100	<0.01
Front Fence South During Removal	Q4449S06	0752/1152 240 min	2.0	0/100	<0.01
Front Fence North During Removal	Q4449S07	0754/1154 240 min	2.0	0/100	<0.01
Daewoo excavator cab During Removal	Q4449S08	0756/1156 240 min	2.0	3/100	<0.01

NATA Accredited Laboratory

Number: 3375



s.73 irrelevant information

Approved Counter

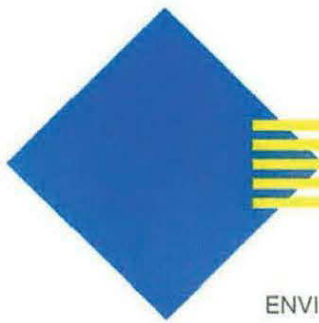
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Approved Signatory

s.73 irrelevant information

* "Sampling Procedures not covered by scope of accreditation"

137 Fortescue St, Spring Hill 4000
PO Box 1066, Spring Hill 4004
Phone: (07) 3839 1122
Fax: (07) 3839 1133
Website: www.envirohealth.com.au



Enviro health

CONSULTING PTY. LTD.

A.C.N. 054 748 819

ENVIRONMENTAL & OCCUPATIONAL HAZARD MONITORING & ADVISORY

BRISBANE LABORATORY REPORT

Estimation of Airborne Asbestos Dust

Report No: Q4449R03 Date: 20 October 2005

Client: Butler Partners
Client Address: PO Box 2267
Fortitude Valley Qld 4006

Sampled From: Sandmere Road, Pinkenba

*Sampling Procedures: In accordance with NOHSC Guidance Notes

Sampled by: s.73 irrelevant info On: 20 October 2005

Test Method: In Accordance with 1988 NOHSC Guidance Note on the Membrane Filter Method (as outlined in the laboratory method manual)

Site Location	Filter I.D.	Time On/Off	Flow Rate Lt/min	Result Fibres/Field	Result Fibres/mL
South Boundary During Removal	Q4449S09	0716/1116 240 min	2.0	0/100	<0.01
Front Fence South During Removal	Q4449S10	0718/1118 240 min	2.0	2/100	<0.01
Front Fence North During Removal	Q4449S11	0719/1119 240 min	2.0	0/100	<0.01

NATA Accredited Laboratory

Number: 3375



NATA ENDORSED TEST REPORT
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except in full.

s.73 irrelevant information

Approved Counter

Approved Signatory

s.73 irrelevant info

* "Sampling Procedures not covered by scope of accreditation"

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PO Box 1066, Spring Hill 4004
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Fax: (07) 3839 1133
Website: www.envirohealth.com.au

*Proposed Industrial Development
119 Sandmere Road, Pinkenba
Project No.: 05210
28 May 2012*

APPENDIX D

WEIGHBRIDGE SUMMARY SHEETS AND LANDFILL DOCUMENTATION

1 of 4

Client: Churinga Investments
 Project: Asbestos Remediation
 Location: 119 Sandmere Road, Pinkenba

Project Number:
 Date: 14.10.05

BUTLER
PARTNERS

Disposal Summary Sheet

No.	Date	Dispatch Time	Truck Rego	Trailer Rego	Qty	Docket No.	Material	Destination
1	14.10.05	0610	s.78B(2)		20			
2	"	0619			205		soil w asbestos	Collex waterline
3	"	0619			205		"	"
4	"	0627			205		"	"
5	"	0632			25		"	"
6	"	0636			25		"	"
7	"	0644			20		"	"
8	"	0642			20		"	"
9	"	0650			20		"	"
10	"	0700			20		"	"
11	"	070530			20		"	"
12	"	0706			20		"	"
13	"	0727			20		"	"
14	"	0712			20		"	"
15	"	0731			20		"	"
16	"	0748			20		"	"
17	"				20		"	"
18	"	0749			20		"	"
19	"	0804			20			
20					20			
21		0750			20			
22		0805			20			
23					20			
24		0808			20			
25		0812			20			

2 of 4

Client: Churinga Investments
 Project: Asbestos Remediation
 Location: 119 Sandmore Rd, Pinkerton

Project Number:
 Date: 14.10.05

BUTLER
 PARTNERS

Disposal Summary Sheet

No.	Date	Dispatch Time	Truck Rego	Trailer Rego	Qty	Docket No.	Material	Destination
261	14/10/05	0823	s.78B(2)		205		asbestos concrete	1 Colter Waste Green
272		0811			20			
283		0824			20			
294		0820			20			
✓ 305		0835			20			
6		0849			25			
7		0900			20			
Not 8		0858			25			
9		0904			25			
10		0908			25			
11		0911			20			
12		0917			25			
13		0921			20			
14		0927			25			
15		0924			25			
16		0931			25			
17		0937			25			
18		0946			20			
19		1005			20			
20		1014			20			
21		1009			20			
22		1018			20			
23		1024			20			
24		1023			25			
25	✓	1028			20		✓	✓

3 of 4

Client: *Unrings Investments*
 Project: *Asbestos Remediation*
 Location: *114 Sandrine Rd, Pinbamb*

Project Number:
 Date: *14 Oct 2005*

**BUTLER
PARTNERS**

Disposal Summary Sheet								
No.	Date	Dispatch Time	Truck Rego	Trailer Rego	Qty	Docket No.	Material	Destination
1	<i>14/10/05</i>	<i>1035</i>	<i>s.78B(2)</i>		<i>20</i>		<i>Asbestos Contaminated Soil</i>	<i>Collins Waste Glen</i>
2		<i>1036</i>			<i>20</i>			
3		<i>1040</i>			<i>25</i>			
4		<i>1048</i>			<i>20</i>			
5		<i>1045</i>			<i>20</i>			
6		<i>1047</i>			<i>20</i>			
7		<i>1102</i>			<i>25</i>			
8		<i>1100</i>			<i>25</i>			
9								
10		<i>1105</i>			<i>20</i>			
11		<i>1111</i>			<i>20</i>			
12		<i>1117</i>			<i>20</i>			
13		<i>1115</i>			<i>20</i>			
14		<i>1110</i>			<i>20</i>			
15		<i>1123</i>			<i>20</i>			
16		<i>1126</i>			<i>20</i>			
17		<i>1127</i>			<i>20</i>			
18		<i>1127</i>			<i>25</i>			
19		<i>1132</i>			<i>25</i>			
20		<i>1139</i>			<i>25</i>			
21		<i>1149</i>			<i>25</i>			
22		<i>1155</i>			<i>20</i>			
23		<i>1200</i>			<i>20</i>			
24		<i>1207</i>			<i>20</i>			
25		<i>1226</i>			<i>20</i>			

4 of 4

Client: Churings Investments
 Project: Asbestos Remediation
 Location: 119 Sandmere Rd, Pakenham

Project Number:
 Date: 14 October 2008

**BUTLER
 PARTNERS**

Disposal Summary Sheet								
No.	Date	Dispatch Time	Truck Rego	Trailer Rego	Qty	Docket No.	Material	Destination
1	14/10/08	1232	s.78B(2)		20		Asbestos Contaminated Soil	Colleen Weather Glen
2		1238			20			
3		1245			20			
4		1248			20			
5		1256			25			
6								
7		1301			20			
8		1304			25			
9		1307			20			
10		1309			20			
11		1315			20			
12		1326			20			
13		1326			25			
14		1344			25			
15		1340			25			
16		1346			20			
17		1400			20			
18		1406			20			
19		1411			20			
20		1416			20			
21		1420			25			
22		1424			25			
23		1426			20			
24		1428			25			
25					25			
	↓	14 31			20			
		14 45			20			
		15 00			20			

Client: Churinga Investments
Project: Asbestos Remediation
Location: 119 Sandmere

Project Number: 05210
Date: 17 Oct 05

BUTLER
PARTNERS

Disposal Summary Sheet								
No.	Date	Dispatch Time	Truck Rego	Trailer Rego	Qty	Docket No.	Material	Destination
1	17 Oct 05	0611	s.78B(2)		25	-	Asbestos contain soil	Coller Wattle Glen
2	"	"			25	-	"	"
3	"	"			25	-	"	"
4	"	"			20	-	"	"
5	"	"			20	-	"	"
6	"	"			"	-	"	"
7	"	"			"	-	"	"
8	"	"			"	-	"	"
9	"	0621			20	-	"	"
10	"	0633			20	-	"	"
11	"	0655			18	-	"	"
12	"	0702			25	-	"	"
13	"	0710			25	-	"	"
14	"	0715			25	-	"	"
15	"	0717			25	-	"	"
16	"	0723			25	-	"	"
17	"	0730			20	-	"	"
18	"	0736			20	-	"	"
19	"	0742			20	-	"	"
20	"	0749			25	-	"	"
21	"	0758			25	-	"	"
22	"	0803			20	-	"	"
23	"	0812			20	-	"	"
24	"	0818			20	-	"	"
25	"	0822			25	-	"	"

In... L. Parry
32750111
CONEX

2 of 2

Client:
Project:
Location:

Project Number:
Date:

**BUTLER
PARTNERS**

Disposal Summary Sheet								
No.	Date	Dispatch Time	Truck Rego	Trailer Rego	Qty	Docket No.	Material	Destination
1	17.10.05	0821	s.78B(2)		20	-	Asbestos Containing Soil	CONEX Warrnambool
2	"	0822			20	-	"	"
3	"	0816			20	-	"	"
4	"	0822			25	-	"	"
5	"	0834			25	-	"	"
6	"	0835			25	-	"	"
7	"	0849			25	-	"	"
8	"	0848			25	-	"	"
9	"	0855			25	-	"	"
10	"	0905			20	-	"	"
11	"	0920			25	-	"	"
12	"	0925			25	-	"	"
13	"	0929			25	-	"	"
14	"	0933			20	-	"	"
15	"	0936			25	-	"	"
16	"	0939			20	-	"	"
17	"	0943			25	-	"	"
18	"	0945			20	-	"	"
19	"	0952			25	-	"	"
20	"	10.04			20	-	"	"
Stop	21	10.18			25	-	"	"
22	"	10.19			20	-	"	"
23	"					-	"	"
24	"					-	"	"
25	"					-	"	"

IRCA
#52 Moss St
38082200

Client: Churinga Investments
 Project: Asbestos Remediation
 Location: 119 Sandmere Road, Pinkerba

Project Number: 05210
 Date: 18 October, 2005

**BUTLER
PARTNERS**

Disposal Summary Sheet

No.	Date	Dispatch Time	Truck Rego	Trailer Rego	Qty	Docket No.	Material	Destination
1	18.10.05	0530	s.78B(2)		25		Asbestos contain soil	Wattle Glen Landfill
2		0555			25		"	"
3		0530			25		"	"
4		0500			25		"	"
5		0540			25		"	"
6		0530			25		"	"
7		0545			25		"	"
8		0635			18		"	"
9		0635			20		"	"
10		0636			20		"	"
11		0650			20		"	"
12		0720			25		"	"
13		0725			20		"	"
14		0730			30		"	"
15		0735			25		"	"
16		0740			25		"	"
17		0745			25		"	"
18		0750			20		"	"
19		0755			25		"	"
20		0800			20		"	"
21		0800			35		"	"
22		0805			25		"	"
23		0810			25		"	"
24		0855			25		"	"
25		0815			25		"	"

s.73 irrelevant information

Client: Churings Investments
 Project: Asbestos Remediation
 Location: 119 Sandmore Rd, Pinkbba.

Project Number: 05210
 Date: 18 October 2005

s.73 irrelevant information

s.73 irrelevant information

BUTLER
PARTNERS

Disposal Summary Sheet								
No.	Date	Dispatch Time	Truck Rego	Trailer Rego	Qty	Docket No.	Material	Destination
1	18/10/05	0825	s.78B(2)		20		Asbestos Contam Soil/Waste	Glenlandf
2		0530			20		"	"
3		0825			30		"	"
4	0630	0825			25		"	"
5		0830			30		"	"
6		0630			1		"	"
7		0535			25		"	"
8		0840			25		"	"
9		0850			25		"	"
10		0855			25		"	"
11		0900			25		"	"
12		0545			25		"	"
13		0910			25		"	"
14		0900			25		"	"
15		0920			25		"	"
16		0925			25		"	"
17		0930			25		"	"
18		0940			25		"	"
19		0950			25		"	"
20		1000			25		"	"
21		1010			25		"	"
22								
23		1015			25		"	"
24		1015			25		"	"
25		1020			30		"	"

s.73 irrelevant information

s.73 irrelevant information

3

Client: **Chunga Investments**
 Project: **Asbestos Remediation**
 Location: **119 Sandmark Rd, Pakenham**
 Project Number: **05210**
 Date: **18 October 2005**

**BUTLER
PARTNERS**

Disposal Summary Sheet

No.	Date	Dispatch Time	Truck Rego	Trailer Rego	Qty	Docket No.	Material	Destination
1	18/10/5	1030	s.78B(2)		25		Asbestos Contam Soil - Wattle Creek landfill	
2	"	1035			26		"	"
3	"	1040			32		"	"
4	"	1045			25		"	"
5	"	1050			25		"	"
6	"	1050			25		"	"
7	"	1055			30		"	"
8	"	1100			25		"	"
9	"	1110			25		"	"
10	"	1115			25		"	"
11	"	0630			25		"	"
12	"	s.73 irrele			25		"	s.73 irreleva
13	"	11:24			25		"	"
14	"	11:35			20		"	"
15	"	11:45			30		"	"
16	"	11:50			25		"	"
17	"	11:58			25		"	"
18	"	12:05			20		"	"
19	"	12:10			25		"	"
20	"	12:15			25		"	"
21	"	12:15			25		"	"
22	"	12:20			25		"	"
23	"	12:30			30		"	"
24	"	12:30			25		"	"
25	"	12:35			25		"	"

s.73 irrelevant information

s.73 irre

- EnviroHealth monitors (4) @ 11:40am
 Samples removed. 341 Q&E. WPHS Rego. @ 11:55am
 This load reloaded over page due to temporary stoppage

EX # 3852 3808 (4)

Client: Churinga Investments
Project: Asbestos Remediation
Location: 119 Sandmead Rd, Pinkerba

Project Number: 05210
Date: 18/10/05

BUTLER
PARTNERS

Disposal Summary Sheet								
No.	Date	Dispatch Time	Truck Rego	Trailer Rego	Qty	Docket No.	Material	Destination
1	18/10/05	12.40	s.78B(2)		25	(B)	Asbestos Contaminated Soil - West Glen Landfill	
2	"	12.40			30		"	"
3	s.73 irrelevant	12.45			25	AB	"	"
4		1.00 pm			25		"	"
5		1.15 pm			25		"	"
6		1.15 pm			30		"	"
7		1.20 pm			25		"	"
8		1.25 pm			25		"	"
9		1.30 pm			25		"	"
10		1.35 pm			25		"	"
11		1.40 pm			25		"	"
12		1.45 pm			25		"	"
13		1.45 pm			25		"	"
14		1.50 pm			30		"	"
15		2.05 pm			30		"	"
16		2.05 pm			30		"	"
17		2.10 pm			25		"	"
18		2.45 pm			25		"	"
19	s.73 irrelevant	2.50 pm			25		"	"
20		3.00 pm			30		"	"
21	Freeland	3.20 pm			25		"	"
22	"	3.30 pm			30			
23	"	3.45 pm			30			
24	"	3.45 pm			25			
25								

Signatures beside Regos indicate
APE issued & training received

() = Trucks onsite, not
recorded on 1st departure.

s.73 irrele

s.73 irrele

19/10/05 for Charinga Investments
Project number: 05210

Disposal Summary Sheet

Contaminant Producer Location: 119 Sandmore Rd, Pinkerton

Disposal Location: Wattle Glen Landfill

Date	Dispatch Time	Vehicle No1 Rego.	Vehicle No1 Rego.	Quantity	Certificate No
19/10/05	Preload 18/5	s.78B(2)		25	
"	"			30	
"	"			30	
"	"			25	
"	"			30	
Start 5:00 am	X	s.73 irrelevant info		25	New Truck
5:10	005190-5			25	
5:15		s.73 irrelevant info		25	
5:20				25	
5:25	PPE 18/10			25	
5:45	PPE 18/10			25	
5:46	X	s.73 irrelevant informati		30	New Truck
5:50	X			25	
6:00	X			25	
6:10	X			25	
6:20				25	
6:25				25	
7:00	PPE 18/10			30	
7:10	PPE 18/10			30	
7:15	PPE 18/10			30	
7:20	PPE 18/10			25	
7:30	" "			25	
7:35	" "			25	
7:40	" "			30	
7:45		s.73 irreleva		30	New Truck
7:45	PPE 18/10			25	
7:45	PPE 18/10			25	
7:50	PPE 18/10			30	
7:50	" "			25	

s.73 irrelevant information

2 8.10 on Enuro Health monitors

19/10/05 Churinga Investments ⁽²⁾
Project number 05210

Disposal Summary Sheet

Contaminant Producer Location: 119 Sandmere Rd, Pinkenba Disposal Location: Wattle Glen Landfill

Date	Dispatch Time	Vehicle No1 Rego.	Vehicle No1 Rego.	Quantity	Certificate No
6/10/05	8.00 am			25	
	8.10 am			25	
	8.10 am			25	
	8.40 am			25	
	8.50 am			25	
	9.15			25	
	9.20			25	
	9.30			25	
	9.35			25	
	9.40			25	
	9.50			25	
	10.00			25	
	10.05			25	
	10.10			25	
	10.10			25	
	10.20			25	
	10.25			25	
	10.30			25	
	10.40			25	
	10.45			25	
	11.00			25	
	11.10			25	
	11.20			25	
	11.30			25	
	11.35			25	
	11.40			25	

for Churinga Investments³
 Project Number: 05210

Disposal Summary Sheet

Contaminant Producer Location: 119 Sandstone Rd, Pinker Disposal Location: Wattle Creek Landfill

Date	Dispatch Time	Vehicle No1 Rego.	Vehicle No1 Rego.	Quantity	Certificate No
19/10/15	11.42	s.78B(2)		25	
"	12.00			25	
"	12.10			20	
"	12.30			20	New Truck
"	12.35			25	
"	12.42			25	
"	12.42			30	
"	12.42			20	
"	12.42			30	
"	12.42-1.30			30	s.73 irreleva
"	12.50			25	
"	12.55			25	
"	1.40			25	
"	1.55			25	
"	2.00			25	
"	2.05			25	
"	2.10			25	
"	2.15			25	
"	2.20			25	
"	2.25			25	
"	2.30			25	
"	2.35			25	
"	2.40			25	
"	2.45			25	
"	2.50			25	
"	2.55			25	
"	3.00			25	
"	3.05			25	
"	3.10			25	
"	3.15			25	
"	3.20			25	
"	3.25			25	
"	3.30			25	
"	3.35			25	
"	3.40			25	
"	3.45			25	
"	3.50			25	
"	3.55			25	
"	4.00			25	
"	4.05			25	
"	4.10			25	
"	4.15			25	
"	4.20			25	
"	4.25			25	
"	4.30			25	
"	4.35			25	
"	4.40			25	
"	4.45			25	
"	4.50			25	
"	4.55			25	
"	5.00			25	
"	5.05			25	
"	5.10			25	
"	5.15			25	
"	5.20			25	
"	5.25			25	
"	5.30			25	
"	5.35			25	
"	5.40			25	
"	5.45			25	
"	5.50			25	
"	5.55			25	
"	6.00			25	
"	6.05			25	
"	6.10			25	
"	6.15			25	
"	6.20			25	
"	6.25			25	
"	6.30			25	
"	6.35			25	
"	6.40			25	
"	6.45			25	
"	6.50			25	
"	6.55			25	
"	7.00			25	
"	7.05			25	
"	7.10			25	
"	7.15			25	
"	7.20			25	
"	7.25			25	
"	7.30			25	
"	7.35			25	
"	7.40			25	
"	7.45			25	
"	7.50			25	
"	7.55			25	
"	8.00			25	
"	8.05			25	
"	8.10			25	
"	8.15			25	
"	8.20			25	
"	8.25			25	
"	8.30			25	
"	8.35			25	
"	8.40			25	
"	8.45			25	
"	8.50			25	
"	8.55			25	
"	9.00			25	
"	9.05			25	
"	9.10			25	
"	9.15			25	
"	9.20			25	
"	9.25			25	
"	9.30			25	
"	9.35			25	
"	9.40			25	
"	9.45			25	
"	9.50			25	
"	9.55			25	
"	10.00			25	
"	10.05			25	
"	10.10			25	
"	10.15			25	
"	10.20			25	
"	10.25			25	
"	10.30			25	
"	10.35			25	
"	10.40			25	
"	10.45			25	
"	10.50			25	
"	10.55			25	
"	11.00			25	
"	11.05			25	
"	11.10			25	
"	11.15			25	
"	11.20			25	
"	11.25			25	
"	11.30			25	
"	11.35			25	
"	11.40			25	
"	11.45			25	
"	11.50			25	
"	11.55			25	
"	12.00			25	
"	12.05			25	
"	12.10			25	
"	12.15			25	
"	12.20			25	
"	12.25			25	
"	12.30			25	
"	12.35			25	
"	12.40			25	
"	12.45			25	
"	12.50			25	
"	12.55			25	
"	13.00			25	
"	13.05			25	
"	13.10			25	
"	13.15			25	
"	13.20			25	
"	13.25			25	
"	13.30			25	
"	13.35			25	
"	13.40			25	
"	13.45			25	
"	13.50			25	
"	13.55			25	
"	14.00			25	
"	14.05			25	
"	14.10			25	
"	14.15			25	
"	14.20			25	
"	14.25			25	
"	14.30			25	
"	14.35			25	
"	14.40			25	
"	14.45			25	
"	14.50			25	
"	14.55			25	
"	15.00			25	
"	15.05			25	
"	15.10			25	
"	15.15			25	
"	15.20			25	
"	15.25			25	
"	15.30			25	
"	15.35			25	
"	15.40			25	
"	15.45			25	
"	15.50			25	
"	15.55			25	
"	16.00			25	
"	16.05			25	
"	16.10			25	
"	16.15			25	
"	16.20			25	
"	16.25			25	
"	16.30			25	
"	16.35			25	
"	16.40			25	
"	16.45			25	
"	16.50			25	
"	16.55			25	
"	17.00			25	
"	17.05			25	
"	17.10			25	
"	17.15			25	
"	17.20			25	
"	17.25			25	
"	17.30			25	
"	17.35			25	
"	17.40			25	
"	17.45			25	
"	17.50			25	
"	17.55			25	
"	18.00			25	
"	18.05			25	
"	18.10			25	
"	18.15			25	
"	18.20			25	
"	18.25			25	
"	18.30			25	
"	18.35			25	
"	18.40			25	
"	18.45			25	
"	18.50			25	
"	18.55			25	
"	19.00			25	
"	19.05			25	
"	19.10			25	
"	19.15			25	
"	19.20			25	
"	19.25			25	
"	19.30			25	
"	19.35			25	
"	19.40			25	
"	19.45			25	
"	19.50			25	
"	19.55			25	
"	20.00			25	
"	20.05			25	
"	20.10			25	
"	20.15			25	
"	20.20			25	
"	20.25			25	
"	20.30			25	
"	20.35			25	
"	20.40			25	
"	20.45			25	
"	20.50			25	
"	20.55			25	
"	21.00			25	
"	21.05			25	
"	21.10			25	
"	21.15			25	
"	21.20			25	
"	21.25			25	
"	21.30			25	
"	21.35			25	
"	21.40			25	
"	21.45			25	
"	21.50			25	
"	21.55			25	
"	22.00			25	
"	22.05			25	
"	22.10			25	
"	22.15			25	
"	22.20			25	
"	22.25			25	
"	22.30			25	
"	22.35			25	
"	22.40			25	
"	22.45			25	
"	22.50			25	
"	22.55			25	
"	23.00			25	
"	23.05			25	
"	23.10			25	
"	23.15			25	
"	23.20			25	
"	23.25			25	
"	23.30			25	
"	23.35			25	
"	23.40			25	
"	23.45			25	
"	23.50			25	
"	23.55			25	
"	24.00			25	
"	24.05			25	
"	24.10			25	
"	24.15			25	
"	24.20			25	
"	24.25			25	
"	24.30			25	
"	24.35			25	
"	24.40			25	
"	24.45			25	
"	24.50			25	
"	24.55			25	
"	25.00			25	
"	25.05			25	
"	25.10			25	
"	25.15			25	
"	25.20			25	
"	25.25			25	
"	25.30			25	
"	25.35			25	
"	25.40			25	
"	25.45			25	
"	25.50			25	
"	25.55			25	
"	26.00			25	
"	26.05			25	

19/10/05

ASBESTOS REMOVAL – 119 SANDMERE ROAD, PINKENBA

TRUCK DRIVERS CARTING MATERIAL TO LANDFILL – TRAINING AND ISSUE OF PPE

The following truck drivers have been:

- issued with a P2 mask or equivalent
- instructed in the fitting and use of the mask
- instructed that, when on site, if possible, they should remain in their truck cabin with the windows closed and the air on "recycle"
- instructed that at all times when on site and NOT in a sealed truck, they must wear a face mask as supplied and in compliance with the training provided.

s.73 irrelevant information

s.78B(2)

s.78B(2)

s.73 irrelevant information

s.73 irrelevant information

s.73 irrelevant information

22

s.73 irrelevant information

Collex Pty Ltd

Printed: 3:27 PM on 12/04/2012



Wattle Glen Landfill Facility



L & D Contracting

119 Sandmere Road, Pinkenba Remediation

Asbestos Contaminated Soil, Unlined Landfill Disposal

Reporting Period

Start Date: 14.10.05

End Date: 17.11.05

Access Code: 1 6 5

Date Delivered	Customer Company Name	Truck Rego	Trans. Number	Bridge Code (Material ID)	Tonnage Delivered
Total Load Count		322 loads	REPORT TOTAL		7,602.92 t
14 / 10 / 2005	L & D Contracting	s.78B(2)	235766	1 6 5	20.48 t
14 / 10 / 2005	L & D Contracting	0610	235767	1 6 5	31.48 t
14 / 10 / 2005	L & D Contracting	0619	235768	1 6 5	24.68 t
14 / 10 / 2005	L & D Contracting	0627	235769	1 6 5	23.42 t
14 / 10 / 2005	L & D Contracting	0632	235774	1 6 5	25.82 t
14 / 10 / 2005	L & D Contracting	0636	235775	1 6 5	22.24 t
14 / 10 / 2005	L & D Contracting	0642	235776	1 6 5	20.28 t
14 / 10 / 2005	L & D Contracting	0644	235779	1 6 5	26.30 t
14 / 10 / 2005	L & D Contracting	0700	235785	1 6 5	22.18 t
14 / 10 / 2005	L & D Contracting	0706	235790	1 6 5	21.12 t
14 / 10 / 2005	L & D Contracting	0712	235791	1 6 5	19.84 t
14 / 10 / 2005	L & D Contracting	—	235792	1 6 5	18.30 t
14 / 10 / 2005	L & D Contracting	0727	235793	1 6 5	26.62 t
14 / 10 / 2005	L & D Contracting	0731	235794	1 6 5	22.44 t
14 / 10 / 2005	L & D Contracting	0748	235795	1 6 5	25.32 t
14 / 10 / 2005	L & D Contracting	0700	235797	1 6 5	23.20 t
14 / 10 / 2005	L & D Contracting	0749	235799	1 6 5	26.30 t
14 / 10 / 2005	L & D Contracting	0750	235800	1 6 5	29.34 t
14 / 10 / 2005	L & D Contracting	—	235801	1 6 5	19.28 t
14 / 10 / 2005	L & D Contracting	0804	235805	1 6 5	27.64 t
14 / 10 / 2005	L & D Contracting	0805	235807	1 6 5	18.62 t
14 / 10 / 2005	L & D Contracting	0812	235809	1 6 5	25.60 t
14 / 10 / 2005	L & D Contracting	0823	235810	1 6 5	27.14 t
14 / 10 / 2005	L & D Contracting	0820	235813	1 6 5	23.80 t
14 / 10 / 2005	L & D Contracting	0808	235814	1 6 5	25.18 t
14 / 10 / 2005	L & D Contracting	0824	235815	1 6 5	24.70 t
14 / 10 / 2005	L & D Contracting	0835	235819	1 6 5	22.16 t
14 / 10 / 2005	L & D Contracting	0849	235820	1 6 5	22.60 t
14 / 10 / 2005	L & D Contracting	1111	235823	1 6 5	25.66 t
14 / 10 / 2005	L & D Contracting	0858	235824	1 6 5	27.66 t
14 / 10 / 2005	L & D Contracting	0904	235829	1 6 5	23.34 t
14 / 10 / 2005	L & D Contracting	0908	235830	1 6 5	22.62 t
14 / 10 / 2005	L & D Contracting	0911	235832	1 6 5	23.40 t
14 / 10 / 2005	L & D Contracting	0917	235833	1 6 5	26.64 t
14 / 10 / 2005	L & D Contracting	0921	235836	1 6 5	24.28 t
14 / 10 / 2005	L & D Contracting	0900	235838	1 6 5	22.40 t
14 / 10 / 2005	L & D Contracting	0924	235840	1 6 5	26.74 t
14 / 10 / 2005	L & D Contracting	0927	235841	1 6 5	30.66 t
14 / 10 / 2005	L & D Contracting	0937	235843	1 6 5	24.24 t
14 / 10 / 2005	L & D Contracting	1009	235849	1 6 5	22.34 t



Wattle Glen Landfill Facility



L & D Contracting
 119 Sandmere Road, Pinkenba Remediation
 Asbestos Contaminated Soil, Unlined Landfill Disposal

Access Code: 1 6 5

Reporting Period

Start Date: 14.10.05

End Date: 17.11.05

Date Delivered	Customer Company Name	Truck Rego	Trans. Number	Bridge Code (Material ID)	Tonnage Delivered
Total Load Count		322 loads	REPORT TOTAL		7,602.92 t
14 / 10 / 2005	L & D Contracting	0931	235850	1 6 5	22.04 t
14 / 10 / 2005	L & D Contracting	1005	235852	1 6 5	21.64 t
14 / 10 / 2005	L & D Contracting	1018	235854	1 6 5	23.32 t
14 / 10 / 2005	L & D Contracting	1248	235857	1 6 5	21.20 t
Page Load Count		44 loads	Page Subtotal		1,054.26 t



Wattle Glen Landfill Facility



L & D Contracting

119 Sandmere Road, Pinkenba Remediation

Asbestos Contaminated Soil, Unlined Landfill Disposal

Reporting Period

Start Date: 14.10.05

End Date: 17.11.05

Access Code: 1 6 5

Date Delivered	Customer Company Name	Truck Rego	Trans. Number	Bridge Code (Material ID)	Tonnage Delivered	
	Total Load Count	322 loads		REPORT TOTAL	7,602.92 t	
14 / 10 / 2005	L & D Contracting	1023	s.78B(2)	235859	1.65	20.36 t
14 / 10 / 2005	L & D Contracting	1028		235860	1.65	22.68 t
14 / 10 / 2005	L & D Contracting	1035		235861	1.65	23.64 t
14 / 10 / 2005	L & D Contracting	1040		235863	1.65	28.78 t
14 / 10 / 2005	L & D Contracting	1048		235865	1.65	25.46 t
14 / 10 / 2005	L & D Contracting	1045		235866	1.65	25.90 t
14 / 10 / 2005	L & D Contracting	1024		235867	1.65	24.04 t
14 / 10 / 2005	L & D Contracting	1014		235869	1.65	20.80 t
14 / 10 / 2005	L & D Contracting	1100		235873	1.65	29.88 t
14 / 10 / 2005	L & D Contracting	1102		235874	1.65	29.58 t
14 / 10 / 2005	L & D Contracting	1110		235875	1.65	24.12 t
14 / 10 / 2005	L & D Contracting			235876	1.65	22.46 t
14 / 10 / 2005	L & D Contracting	1117		235881	1.65	19.34 t
14 / 10 / 2005	L & D Contracting	1127		235882	1.65	27.88 t
14 / 10 / 2005	L & D Contracting	1105		235883	1.65	14.94 t
14 / 10 / 2005	L & D Contracting	1123		235884	1.65	29.32 t
14 / 10 / 2005	L & D Contracting	1115		235885	1.65	21.54 t
14 / 10 / 2005	L & D Contracting	1126		235886	1.65	17.74 t
14 / 10 / 2005	L & D Contracting	1132		235887	1.65	31.66 t
14 / 10 / 2005	L & D Contracting	1137		235889	1.65	20.76 t
14 / 10 / 2005	L & D Contracting	1139		235894	1.65	26.06 t
14 / 10 / 2005	L & D Contracting	1149		235895	1.65	24.82 t
14 / 10 / 2005	L & D Contracting	1155		235897	1.65	29.86 t
14 / 10 / 2005	L & D Contracting	1207		235900	1.65	26.42 t
14 / 10 / 2005	L & D Contracting	1047		235903	1.65	18.12 t
14 / 10 / 2005	L & D Contracting	1226		235905	1.65	26.06 t
14 / 10 / 2005	L & D Contracting	1034		235906	1.65	22.18 t
14 / 10 / 2005	L & D Contracting	1238		235907	1.65	25.00 t
14 / 10 / 2005	L & D Contracting	1245		235909	1.65	22.76 t
14 / 10 / 2005	L & D Contracting	1256		235915	1.65	20.90 t
14 / 10 / 2005	L & D Contracting	1301		235917	1.65	19.16 t
14 / 10 / 2005	L & D Contracting	1304		235920	1.65	30.40 t
14 / 10 / 2005	L & D Contracting	1307		235923	1.65	21.38 t
14 / 10 / 2005	L & D Contracting	1309		235924	1.65	27.12 t
14 / 10 / 2005	L & D Contracting	1315		235926	1.65	25.16 t
14 / 10 / 2005	L & D Contracting	1324		235927	1.65	26.22 t
14 / 10 / 2005	L & D Contracting	1326		235928	1.65	22.20 t
14 / 10 / 2005	L & D Contracting	1340		235933	1.65	28.58 t
14 / 10 / 2005	L & D Contracting	1344		235935	1.65	22.08 t
14 / 10 / 2005	L & D Contracting	1346		235936	1.65	22.12 t



Wattle Glen Landfill Facility



L & D Contracting

119 Sandmere Road, Pinkenba Remediation

Asbestos Contaminated Soil, Unlined Landfill Disposal

Access Code: 1 6 5

Reporting Period

Start Date: 14.10.05

End Date: 17.11.05

Date Delivered	Customer Company Name	Truck Rego	Trans. Number	Bridge Code (Material ID)	Tonnage Delivered	
Total Load Count		322 loads	REPORT TOTAL		7,602.92 t	
14 / 10 / 2005	L & D Contracting	1400	s.78B(2)	235941	1 6 5	20.50 t
14 / 10 / 2005	L & D Contracting	1411		235943	1 6 5	28.88 t
14 / 10 / 2005	L & D Contracting	1416		235944	1 6 5	24.12 t
14 / 10 / 2005	L & D Contracting	1420		235947	1 6 5	26.00 t
Page Load Count		44 loads	Page Subtotal		1,066.98 t	



Wattle Glen Landfill Facility



L & D Contracting

119 Sandmere Road, Pinkenba Remediation

Asbestos Contaminated Soil, Unlined Landfill Disposal

Reporting Period

Start Date: 14.10.05

End Date: 17.11.05

Access Code: 1 6 5

Date Delivered	Customer Company Name	Truck Rego	Trans. Number	Bridge Code (Material ID)	Tonnage Delivered
Total Load Count		322 loads	REPORT TOTAL		7,602.92 t
14/10/2005	L & D Contracting	1426	s.78B(2)	235948	33.08 t
14/10/2005	L & D Contracting	1424		235950	22.18 t
14/10/2005	L & D Contracting	1428		235952	24.54 t
14/10/2005	L & D Contracting	1200		235953	18.80 t
14/10/2005	L & D Contracting	1431		235954	18.04 t
14/10/2005	L & D Contracting	1426		235956	26.70 t
14/10/2005	L & D Contracting	1445		235958	21.48 t
15/10/2005	L & D Contracting			235974	27.86 t
17/10/2005	L & D Contracting	—		236003	25.30 t
17/10/2005	L & D Contracting	—		236004	27.92 t
17/10/2005	L & D Contracting	—		236005	24.58 t
17/10/2005	L & D Contracting	—		236006	28.48 t
17/10/2005	L & D Contracting	—		236007	27.84 t
17/10/2005	L & D Contracting	—		236012	26.26 t
17/10/2005	L & D Contracting	0621		236019	25.48 t
17/10/2005	L & D Contracting	0633		236022	23.42 t
17/10/2005	L & D Contracting	0702		236026	26.76 t
17/10/2005	L & D Contracting	0710		236028	36.14 t
17/10/2005	L & D Contracting	0715		236029	25.86 t
17/10/2005	L & D Contracting	0717		236030	26.40 t
17/10/2005	L & D Contracting	0723		236031	27.18 t
17/10/2005	L & D Contracting	0730		236033	26.24 t
17/10/2005	L & D Contracting	0736		236036	27.72 t
17/10/2005	L & D Contracting	0742		236037	24.44 t
17/10/2005	L & D Contracting	0758		236040	35.20 t
17/10/2005	L & D Contracting	0803		236044	24.90 t
17/10/2005	L & D Contracting	0812		236045	16.96 t
17/10/2005	L & D Contracting	0816		236047	25.94 t
17/10/2005	L & D Contracting	0655		236049	21.86 t
17/10/2005	L & D Contracting	0821		236050	28.72 t
17/10/2005	L & D Contracting	0822		236051	27.74 t
17/10/2005	L & D Contracting	0818		236052	26.68 t
17/10/2005	L & D Contracting	0849		236056	26.04 t
17/10/2005	L & D Contracting	0749		236057	31.10 t
17/10/2005	L & D Contracting	0855		236058	23.86 t
17/10/2005	L & D Contracting	0905		236059	24.40 t
17/10/2005	L & D Contracting	0822		236060	19.76 t
17/10/2005	L & D Contracting	0920		236061	25.16 t
17/10/2005	L & D Contracting	0929		236065	23.60 t
17/10/2005	L & D Contracting	0925		236066	22.20 t



Wattle Glen Landfill Facility



L & D Contracting
 119 Sandmere Road, Pinkenba Remediation
 Asbestos Contaminated Soil, Unlined Landfill Disposal

Reporting Period

Start Date: 14.10.05
 End Date: 17.11.05

Access Code: 1 6 5

Date Delivered	Customer Company Name	Truck Rego	Trans. Number	Bridge Code (Material ID)	Tonnage Delivered	
Total Load Count		322 loads	REPORT TOTAL		7,602.92 t	
17 / 10 / 2005	L & D Contracting	0936	s.78B(2)	236067	1 6 5	24.60 t
17 / 10 / 2005	L & D Contracting	0939		236068	1 6 5	22.72 t
17 / 10 / 2005	L & D Contracting	0822		236070	1 6 5	23.54 t
17 / 10 / 2005	L & D Contracting	0834		236071	1 6 5	25.44 t
Page Load Count		44 loads	Page Subtotal		1,123.12 t	



Wattle Glen Landfill Facility



L & D Contracting

119 Sandmere Road, Pinkenba Remediation

Asbestos Contaminated Soil, Unlined Landfill Disposal

Reporting Period

Start Date: 14.10.05

End Date: 17.11.05

Access Code: 1 6 5

Date Delivered	Customer Company Name	Truck Rego	Trans. Number	Bridge Code (Material ID)	Tonnage Delivered	
Total Load Count		322 loads	REPORT TOTAL		7,602.92 t	
17 / 10 / 2005	L & D Contracting	0835	s.78B(2)	236072	1 6 5	23.04 t
17 / 10 / 2005	L & D Contracting	0848		236073	1 6 5	20.04 t
17 / 10 / 2005	L & D Contracting	0933		236075	1 6 5	21.22 t
17 / 10 / 2005	L & D Contracting	0943		236076	1 6 5	24.26 t
17 / 10 / 2005	L & D Contracting	0945		236079	1 6 5	23.98 t
17 / 10 / 2005	L & D Contracting	0952		236080	1 6 5	24.88 t
17 / 10 / 2005	L & D Contracting	1004		236087	1 6 5	21.06 t
17 / 10 / 2005	L & D Contracting	1018		236094	1 6 5	26.92 t
17 / 10 / 2005	L & D Contracting	1019		236101	1 6 5	17.00 t
17 / 10 / 2005	L & D Contracting			236108	1 6 5	25.68 t
18 / 10 / 2005	L & D Contracting	0515		236159	1 6 5	29.62 t
18 / 10 / 2005	L & D Contracting	0530		236162	1 6 5	22.70 t
18 / 10 / 2005	L & D Contracting	0515		236163	1 6 5	18.16 t
18 / 10 / 2005	L & D Contracting	0530		236164	1 6 5	24.32 t
18 / 10 / 2005	L & D Contracting	0540		236165	1 6 5	30.08 t
18 / 10 / 2005	L & D Contracting	0500		236166	1 6 5	23.60 t
18 / 10 / 2005	L & D Contracting	0530		236168	1 6 5	28.44 t
18 / 10 / 2005	L & D Contracting			236169	1 6 5	25.04 t
18 / 10 / 2005	L & D Contracting			236170	1 6 5	22.92 t
18 / 10 / 2005	L & D Contracting			236172	1 6 5	15.60 t
18 / 10 / 2005	L & D Contracting			236174	1 6 5	21.64 t
18 / 10 / 2005	L & D Contracting			236177	1 6 5	17.90 t
18 / 10 / 2005	L & D Contracting			236179	1 6 5	20.84 t
18 / 10 / 2005	L & D Contracting			236180	1 6 5	21.26 t
18 / 10 / 2005	L & D Contracting	0635		236184	1 6 5	16.76 t
18 / 10 / 2005	L & D Contracting	0636		236185	1 6 5	21.02 t
18 / 10 / 2005	L & D Contracting	0650		236186	1 6 5	23.10 t
18 / 10 / 2005	L & D Contracting	0635		236187	1 6 5	21.48 t
18 / 10 / 2005	L & D Contracting	0720		236191	1 6 5	23.98 t
18 / 10 / 2005	L & D Contracting	0725		236192	1 6 5	21.24 t
18 / 10 / 2005	L & D Contracting	0735		236195	1 6 5	21.84 t
18 / 10 / 2005	L & D Contracting	0730		236197	1 6 5	25.60 t
18 / 10 / 2005	L & D Contracting	0740		236199	1 6 5	20.94 t
18 / 10 / 2005	L & D Contracting	0745		236200	1 6 5	21.62 t
18 / 10 / 2005	L & D Contracting	0750		236201	1 6 5	17.28 t
18 / 10 / 2005	L & D Contracting	0800		236203	1 6 5	22.42 t
18 / 10 / 2005	L & D Contracting	0755		236204	1 6 5	22.36 t
18 / 10 / 2005	L & D Contracting	0800		236206	1 6 5	25.16 t
18 / 10 / 2005	L & D Contracting	0810		236207	1 6 5	23.52 t
18 / 10 / 2005	L & D Contracting	0805		236210	1 6 5	25.32 t



Wattle Glen Landfill Facility



L & D Contracting

119 Sandmere Road, Pinkenba Remediation

Asbestos Contaminated Soil, Unlined Landfill Disposal

Reporting Period

Start Date: 14.10.05

End Date: 17.11.05

Access Code: 1 6 5

Date Delivered	Customer Company Name	Truck Rego	Trans. Number	Bridge Code (Material ID)	Tonnage Delivered	
Total Load Count		322 loads	REPORT TOTAL		7,602.92 t	
18 / 10 / 2005	L & D Contracting	0825	s.78B(2)	236212	1 6 5	21.94 t
18 / 10 / 2005	L & D Contracting	0815		236214	1 6 5	26.60 t
18 / 10 / 2005	L & D Contracting	0825		236215	1 6 5	23.84 t
18 / 10 / 2005	L & D Contracting	0840		236218	1 6 5	21.92 t
Page Load Count		44 loads	Page Subtotal		998.14 t	



Wattle Glen Landfill Facility



L & D Contracting

119 Sandmere Road, Pinkenba Remediation

Asbestos Contaminated Soil, Unlined Landfill Disposal

Reporting Period

Start Date: 14.10.05

End Date: 17.11.05

Access Code: 1 6 5

Date Delivered	Customer Company Name	Truck Rego	Trans. Number	Bridge Code (Material ID)	Tonnage Delivered	
	Total Load Count	322 loads		REPORT TOTAL	7,602.92 t	
18-/10-/2005	L & D Contracting	0830	s.78B(2)	236220	16.5	27.28 t
18 / 10 / 2005	L & D Contracting	0850		236222	16.5	19.52 t
18 / 10 / 2005	L & D Contracting	0825		236223	16.5	31.08 t
18 / 10 / 2005	L & D Contracting	0835		236224	16.5	20.88 t
18 / 10 / 2005	L & D Contracting	0855		236225	16.5	20.40 t
18 / 10 / 2005	L & D Contracting	0900		236226	16.5	19.30 t
18 / 10 / 2005	L & D Contracting	0910		236231	16.5	26.86 t
18 / 10 / 2005	L & D Contracting	0920		236235	16.5	23.54 t
18 / 10 / 2005	L & D Contracting	0940		236241	16.5	27.02 t
18 / 10 / 2005	L & D Contracting	0930		236242	16.5	21.44 t
18 / 10 / 2005	L & D Contracting	0925		236244	16.5	13.08 t
18 / 10 / 2005	L & D Contracting	1000		236247	16.5	23.50 t
18 / 10 / 2005	L & D Contracting	0950		236248	16.5	25.72 t
18 / 10 / 2005	L & D Contracting	1010		236251	16.5	22.68 t
18 / 10 / 2005	L & D Contracting	1015		236252	16.5	26.86 t
18 / 10 / 2005	L & D Contracting	1015		236255	16.5	22.98 t
18 / 10 / 2005	L & D Contracting	1030		236259	16.5	21.02 t
18 / 10 / 2005	L & D Contracting	1040		236261	16.5	24.02 t
18 / 10 / 2005	L & D Contracting	1020		236263	16.5	24.44 t
18 / 10 / 2005	L & D Contracting	1035		236264	16.5	26.72 t
18 / 10 / 2005	L & D Contracting	1050		236265	16.5	20.14 t
18 / 10 / 2005	L & D Contracting	1050		236267	16.5	22.78 t
18 / 10 / 2005	L & D Contracting	1055		236268	16.5	27.46 t
18 / 10 / 2005	L & D Contracting	1100		236270	16.5	21.08 t
18 / 10 / 2005	L & D Contracting	1110		236272	16.5	25.06 t
18 / 10 / 2005	L & D Contracting	1045		236274	16.5	24.04 t
18 / 10 / 2005	L & D Contracting	1115		236275	16.5	19.98 t
18 / 10 / 2005	L & D Contracting	1124		236276	16.5	23.10 t
18 / 10 / 2005	L & D Contracting	1135		236279	16.5	25.54 t
18 / 10 / 2005	L & D Contracting	1150		236287	16.5	20.38 t
18 / 10 / 2005	L & D Contracting	1145		236288	16.5	25.44 t
18 / 10 / 2005	L & D Contracting	1158		236289	16.5	20.50 t
18 / 10 / 2005	L & D Contracting	1210		236298	16.5	22.74 t
18 / 10 / 2005	L & D Contracting	1205		236299	16.5	15.86 t
18 / 10 / 2005	L & D Contracting	1215		236300	16.5	22.68 t
18 / 10 / 2005	L & D Contracting	1215		236301	16.5	18.98 t
18 / 10 / 2005	L & D Contracting	-		236303	16.5	19.68 t
18 / 10 / 2005	L & D Contracting	1220		236304	16.5	21.90 t
18 / 10 / 2005	L & D Contracting	1230		236306	16.5	24.18 t
18 / 10 / 2005	L & D Contracting	1235		236310	16.5	19.80 t



Wattle Glen Landfill Facility



L & D Contracting
 119 Sandmere Road, Pinkenba Remediation
 Asbestos Contaminated Soil, Unlined Landfill Disposal

Access Code: 1 6 5

Reporting Period

Start Date: 14.10.05

End Date: 17.11.05

Date Delivered	Customer Company Name	Truck Rego	Trans. Number	Bridge Code (Material ID)	Tonnage Delivered	
Total Load Count		322 loads	REPORT TOTAL		7,602.92 t	
18 / 10 / 2005	L & D Contracting	1240	s.78B(2)	236312	1 6 5	24.16 t
18 / 10 / 2005	L & D Contracting	1245		236313	1 6 5	22.90 t
18 / 10 / 2005	L & D Contracting	1240		236315	1 6 5	27.22 t
18 / 10 / 2005	L & D Contracting	1315		236316	1 6 5	17.20 t
Page Load Count		44 loads	Page Subtotal		1,001.14 t	



Wattle Glen Landfill Facility



L & D Contracting

119 Sandmere Road, Pinkenba Remediation

Asbestos Contaminated Soil, Unlined Landfill Disposal

Reporting Period

Start Date: 14.10.05

End Date: 17.11.05

Access Code: 1 6 5

Date Delivered	Customer Company Name	Truck Rego	Trans. Number	Bridge Code (Material ID)	Tonnage Delivered	
Total Load Count		322 loads	REPORT TOTAL		7,602.92 t	
18 / 10 / 2005	L & D Contracting	132S	s.78B(2)	236317	1 6 5	26.96 t
18 / 10 / 2005	L & D Contracting	1330		236318	1 6 5	23.20 t
18 / 10 / 2005	L & D Contracting	1300		236319	1 6 5	28.30 t
18 / 10 / 2005	L & D Contracting	1320		236320	1 6 5	25.12 t
18 / 10 / 2005	L & D Contracting	133S		236322	1 6 5	23.66 t
18 / 10 / 2005	L & D Contracting	134S		236326	1 6 5	19.58 t
18 / 10 / 2005	L & D Contracting	1340		236327	1 6 5	14.22 t
18 / 10 / 2005	L & D Contracting	134S		236329	1 6 5	23.68 t
18 / 10 / 2005	L & D Contracting	1350		236332	1 6 5	21.96 t
18 / 10 / 2005	L & D Contracting	1410		236334	1 6 5	22.68 t
18 / 10 / 2005	L & D Contracting	140S		236335	1 6 5	26.34 t
18 / 10 / 2005	L & D Contracting	140S		236338	1 6 5	26.38 t
18 / 10 / 2005	L & D Contracting	144S		236344	1 6 5	22.58 t
18 / 10 / 2005	L & D Contracting	1450		236349	1 6 5	18.70 t
19 / 10 / 2005	L & D Contracting	1500		236357	1 6 5	20.72 t
19 / 10 / 2005	L & D Contracting	1530		236358	1 6 5	22.58 t
19 / 10 / 2005	L & D Contracting	154S		236359	1 6 5	25.90 t
19 / 10 / 2005	L & D Contracting	154S		236360	1 6 5	21.50 t
19 / 10 / 2005	L & D Contracting	1520		236361	1 6 5	21.08 t
19 / 10 / 2005	L & D Contracting	0500		236364	1 6 5	20.90 t
19 / 10 / 2005	L & D Contracting	0510		236366	1 6 5	24.00 t
19 / 10 / 2005	L & D Contracting	0520		236368	1 6 5	18.36 t
19 / 10 / 2005	L & D Contracting			236369	1 6 5	20.44 t
19 / 10 / 2005	L & D Contracting	051S		236371	1 6 5	24.44 t
19 / 10 / 2005	L & D Contracting	052S		236374	1 6 5	20.24 t
19 / 10 / 2005	L & D Contracting	054S		236375	1 6 5	26.24 t
19 / 10 / 2005	L & D Contracting	0550		236378	1 6 5	21.98 t
19 / 10 / 2005	L & D Contracting	0600		236379	1 6 5	26.60 t
19 / 10 / 2005	L & D Contracting	0610		236382	1 6 5	24.36 t
19 / 10 / 2005	L & D Contracting	0546		236386	1 6 5	23.14 t
19 / 10 / 2005	L & D Contracting	062S		236388	1 6 5	17.44 t
19 / 10 / 2005	L & D Contracting	0700		236392	1 6 5	29.36 t
19 / 10 / 2005	L & D Contracting	0710	236393	1 6 5	28.18 t	
19 / 10 / 2005	L & D Contracting	071S	236394	1 6 5	23.78 t	
19 / 10 / 2005	L & D Contracting	0720	236398	1 6 5	23.38 t	
19 / 10 / 2005	L & D Contracting	0730	236399	1 6 5	26.40 t	
19 / 10 / 2005	L & D Contracting	074S	236400	1 6 5	23.94 t	
19 / 10 / 2005	L & D Contracting	0740	236405	1 6 5	30.18 t	
19 / 10 / 2005	L & D Contracting	073S	236406	1 6 5	22.10 t	
19 / 10 / 2005	L & D Contracting	074S	236407	1 6 5	25.18 t	



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119 Sandmere Road, Pinkenba Remediation

Asbestos Contaminated Soil, Unlined Landfill Disposal

Access Code: 1 6 5

Reporting Period

Start Date: 14.10.05

End Date: 17.11.05

Date Delivered	Customer Company Name	Truck Rego	Trans. Number	Bridge Code (Material ID)	Tonnage Delivered	
Total Load Count		322 loads	REPORT TOTAL		7,602.92 t	
19 / 10 / 2005	L & D Contracting	0750	s.78B(2)	236408	1 6 5	19.20 t
19 / 10 / 2005	L & D Contracting	0750		236409	1 6 5	20.70 t
19 / 10 / 2005	L & D Contracting	0745		236410	1 6 5	19.74 t
19 / 10 / 2005	L & D Contracting	0800		236412	1 6 5	23.16 t
Page Load Count		44 loads	Page Subtotal		1,018.58 t	



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Asbestos Contaminated Soil, Unlined Landfill Disposal

Reporting Period

Start Date: 14.10.05

End Date: 17.11.05

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Date Delivered	Customer Company Name	Truck Rego	Trans. Number	Bridge Code (Material ID)	Tonnage Delivered	
Total Load Count		322 loads	REPORT TOTAL		7,602.92 t	
19 / 10 / 2005	L & D Contracting	0810	s.78B(2)	236413	1 6 5	21.36 t
19 / 10 / 2005	L & D Contracting	0810		236417	1 6 5	21.36 t
19 / 10 / 2005	L & D Contracting	0840		236420	1 6 5	22.54 t
19 / 10 / 2005	L & D Contracting	0850		236428	1 6 5	26.08 t
19 / 10 / 2005	L & D Contracting	0915		236429	1 6 5	26.76 t
19 / 10 / 2005	L & D Contracting			236431	1 6 5	24.44 t
19 / 10 / 2005	L & D Contracting	0920		236432	1 6 5	16.22 t
19 / 10 / 2005	L & D Contracting	0930		236433	1 6 5	26.42 t
19 / 10 / 2005	L & D Contracting	0935		236438	1 6 5	19.58 t
19 / 10 / 2005	L & D Contracting	0940		236441	1 6 5	21.24 t
19 / 10 / 2005	L & D Contracting	1005		236444	1 6 5	22.68 t
19 / 10 / 2005	L & D Contracting	1010		236449	1 6 5	20.32 t
19 / 10 / 2005	L & D Contracting	1010		236452	1 6 5	23.60 t
19 / 10 / 2005	L & D Contracting	1010		236453	1 6 5	25.38 t
19 / 10 / 2005	L & D Contracting	1000		236454	1 6 5	26.06 t
19 / 10 / 2005	L & D Contracting	1020		236456	1 6 5	22.82 t
19 / 10 / 2005	L & D Contracting	1025		236458	1 6 5	23.72 t
19 / 10 / 2005	L & D Contracting	1030		236459	1 6 5	22.88 t
19 / 10 / 2005	L & D Contracting	0950		236460	1 6 5	21.78 t
19 / 10 / 2005	L & D Contracting	1040		236461	1 6 5	20.26 t
19 / 10 / 2005	L & D Contracting	1040		236463	1 6 5	23.18 t
19 / 10 / 2005	L & D Contracting	1050		236465	1 6 5	15.18 t
19 / 10 / 2005	L & D Contracting	1050		236469	1 6 5	22.32 t
19 / 10 / 2005	L & D Contracting	1110		236480	1 6 5	25.16 t
19 / 10 / 2005	L & D Contracting	1100		236483	1 6 5	24.80 t
19 / 10 / 2005	L & D Contracting	1130		236485	1 6 5	21.20 t
19 / 10 / 2005	L & D Contracting	1135		236487	1 6 5	21.10 t
19 / 10 / 2005	L & D Contracting	1120		236489	1 6 5	23.42 t
19 / 10 / 2005	L & D Contracting	1142		236490	1 6 5	22.72 t
19 / 10 / 2005	L & D Contracting	1140		236491	1 6 5	27.66 t
19 / 10 / 2005	L & D Contracting	1200		236492	1 6 5	23.08 t
19 / 10 / 2005	L & D Contracting	1235		236495	1 6 5	25.48 t
19 / 10 / 2005	L & D Contracting	1230	236498	1 6 5	21.24 t	
19 / 10 / 2005	L & D Contracting	1210	236499	1 6 5	18.78 t	
19 / 10 / 2005	L & D Contracting	1242	236502	1 6 5	22.96 t	
19 / 10 / 2005	L & D Contracting	1345	236504	1 6 5	23.90 t	
19 / 10 / 2005	L & D Contracting	1242	236506	1 6 5	26.30 t	
19 / 10 / 2005	L & D Contracting		236509	1 6 5	30.50 t	
19 / 10 / 2005	L & D Contracting	1242	236511	1 6 5	23.92 t	
19 / 10 / 2005	L & D Contracting	1340	236515	1 6 5	18.82 t	

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Wattle Glen Landfill Facility



L & D Contracting

119 Sandmere Road, Pinkenba Remediation

Asbestos Contaminated Soil, Unlined Landfill Disposal

Access Code: 1 6 5

Reporting Period

Start Date: 14.10.05

End Date: 17.11.05

Date Delivered	Customer Company Name	Truck Rego	Trans. Number	Bridge Code (Material ID)	Tonnage Delivered
Total Load Count		322 loads	REPORT TOTAL		7,602.92 t
19 / 10 / 2005	L & D Contracting	s.78B(2)	236517	1 6 5	19.86 t
19 / 10 / 2005	L & D Contracting		236521	1 6 5	19.76 t
19 / 10 / 2005	L & D Contracting		236522	1 6 5	20.86 t
19 / 10 / 2005	L & D Contracting		236523	1 6 5	25.04 t
Page Load Count		44 loads	Page Subtotal		1,002.74 t

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Wattle Glen Landfill Facility



L & D Contracting

119 Sandmere Road, Pinkenba Remediation

Asbestos Contaminated Soil, Unlined Landfill Disposal

Reporting Period

Start Date: 14.10.05

End Date: 17.11.05

Access Code: 1 6 5

Date Delivered	Customer Company Name	Truck Rego	Trans. Number	Bridge Code (Material ID)	Tonnage Delivered
Total Load Count		322 loads	REPORT TOTAL		7,602.92 t
19/10/2005	L & D Contracting	1405	s.78B(2)	236527	19.54 t
19/10/2005	L & D Contracting	1410		236529	22.26 t
19/10/2005	L & D Contracting	1415		236532	20.36 t
19/10/2005	L & D Contracting	1420		236533	24.44 t
19/10/2005	L & D Contracting	1420		236534	28.56 t
19/10/2005	L & D Contracting	1425		236538	22.14 t
19/10/2005	L & D Contracting	1435		236540	26.92 t
19/10/2005	L & D Contracting	1440		236541	23.16 t
19/10/2005	L & D Contracting	1445		236544	24.78 t
19/10/2005	L & D Contracting	1450		236546	22.04 t
17/11/2005	L & D Contracting			9235781	27.54 t
17/11/2005	L & D Contracting			9235844	23.88 t
17/11/2005	L & D Contracting			9235911	28.22 t
17/11/2005	L & D Contracting			9235961	24.12 t



Wattle Glen Landfill Facility



L & D Contracting
 119 Sandmere Road, Pinkenba Remediation
 Asbestos Contaminated Soil, Unlined Landfill Disposal

Reporting Period

Start Date: 14.10.05
 End Date: 17.11.05

Access Code: 1 6 5

Date Delivered	Customer Company Name	Truck Rego	Trans. Number	Bridge Code (Material ID)	Tonnage Delivered
Total Load Count		322 loads	REPORT TOTAL		7,602.92 t

Page Load Count 14 loads Page Subtotal 337.96 t



Wattle Glen Landfill Facility

L & D Contracting Pty Ltd

119 Sandmere Road, Pinkenba Project

Soil Contaminated Asbestos, Unlined Landfill Disposal

Reporting Period

Start Date: 14.10.05

End Date: 19.10.05

Access Code: 1 6 5

Date Delivered	Customer Company Name	Truck Rego	Trans. Number	Waste Code (Material ID)	Tonnage Delivered
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi	s.78B(2)	235766	1 6 5	20.48
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235767	1 6 5	31.48
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235768	1 6 5	24.68
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235769	1 6 5	23.42
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235774	1 6 5	25.82
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235775	1 6 5	22.24
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235776	1 6 5	20.28
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235779	1 6 5	26.30
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235785	1 6 5	22.18
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235790	1 6 5	21.12
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235791	1 6 5	19.84
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235792	1 6 5	18.30
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235793	1 6 5	26.62
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235794	1 6 5	22.44
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235795	1 6 5	25.32
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235797	1 6 5	23.20
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235799	1 6 5	26.30
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235800	1 6 5	29.34
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235801	1 6 5	19.28
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235805	1 6 5	27.64
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235807	1 6 5	18.62
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235809	1 6 5	25.60
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235810	1 6 5	27.14
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235813	1 6 5	23.80
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235814	1 6 5	25.18
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235815	1 6 5	24.70
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235819	1 6 5	22.16
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235820	1 6 5	22.60
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235823	1 6 5	25.66
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235824	1 6 5	27.66
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235829	1 6 5	23.34
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235830	1 6 5	22.62
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235832	1 6 5	23.40
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235833	1 6 5	26.64
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235836	1 6 5	24.28
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235838	1 6 5	22.40
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235840	1 6 5	26.74
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235841	1 6 5	30.66
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235843	1 6 5	24.24
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235849	1 6 5	22.34
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235850	1 6 5	22.04
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235852	1 6 5	21.64



Wattle Glen Landfill Facility



L & D Contracting Pty Ltd

119 Sandmere Road, Pinkenba Project

Soil Contaminated Asbestos, Unlined Landfill Disposal

Reporting Period

Start Date: 14.10.05

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Access Code: 1 6 5

Date Delivered	Customer Company Name	Truck Rego	Trans. Number	Waste Code (Material ID)	Tonnage Delivered
Page Load Count		42	Page Subtotal		1,009.74
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi	s.78B(2)	235854	1 6 5	23.32
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235857	1 6 5	21.20
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235859	1 6 5	20.36
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235860	1 6 5	22.68
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235861	1 6 5	23.64
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235863	1 6 5	28.78
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235865	1 6 5	25.46
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235866	1 6 5	25.90
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235867	1 6 5	24.04
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235869	1 6 5	20.80
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235873	1 6 5	29.88
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235874	1 6 5	29.58
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235875	1 6 5	24.12
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235876	1 6 5	22.46
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235881	1 6 5	19.34
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235882	1 6 5	27.88
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235883	1 6 5	14.94
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235884	1 6 5	29.32
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235885	1 6 5	21.54
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235886	1 6 5	17.74
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235887	1 6 5	31.66
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235889	1 6 5	20.76
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235894	1 6 5	26.06
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235895	1 6 5	24.82
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235897	1 6 5	29.86
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235900	1 6 5	26.42
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235903	1 6 5	18.12
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235905	1 6 5	26.06
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235906	1 6 5	22.18
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235907	1 6 5	25.00
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235909	1 6 5	22.76
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235915	1 6 5	20.90
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235917	1 6 5	19.16
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235920	1 6 5	30.40
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235923	1 6 5	21.38
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235924	1 6 5	27.12
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235926	1 6 5	25.16
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235927	1 6 5	26.22
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235928	1 6 5	22.20
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235933	1 6 5	28.58



Wattle Glen Landfill Facility

L & D Contracting Pty Ltd

119 Sandmere Road, Pinkenba Project

Soil Contaminated Asbestos, Unlined Landfill Disposal

Reporting Period

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Date Delivered	Customer Company Name	Truck Rego	Trans. Number	Waste Code (Material ID)	Tonnage Delivered
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi	s.78B(2)	235935	1 6 5	22.08
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235936	1 6 5	22.12
Page Load Count		42	Page Subtotal		1,012.00
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi	s.78B(2)	235941	1 6 5	20.50
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235943	1 6 5	28.88
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235944	1 6 5	24.12
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235947	1 6 5	26.00
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235948	1 6 5	33.08
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235950	1 6 5	22.18
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235952	1 6 5	24.54
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235953	1 6 5	18.80
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235954	1 6 5	18.04
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235956	1 6 5	26.70
14 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235958	1 6 5	21.48
15 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		235974	1 6 5	27.86
17 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236003	1 6 5	25.30
17 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236004	1 6 5	27.92
17 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236005	1 6 5	24.58
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17 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236007	1 6 5	27.84
17 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236012	1 6 5	26.26
17 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236019	1 6 5	25.48
17 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236022	1 6 5	23.42
17 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236026	1 6 5	26.76
17 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236028	1 6 5	36.14
17 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236029	1 6 5	25.86
17 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236030	1 6 5	26.40
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17 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236040	1 6 5	35.20
17 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236044	1 6 5	24.90
17 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236045	1 6 5	16.96
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17 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236050	1 6 5	28.72
17 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236051	1 6 5	27.74
17 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236052	1 6 5	26.68
17 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236056	1 6 5	26.04
17 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236057	1 6 5	31.10



Wattle Glen Landfill Facility

L & D Contracting Pty Ltd

119 Sandmere Road, Pinkenba Project

Soil Contaminated Asbestos, Unlined Landfill Disposal

Reporting Period

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Date Delivered	Customer Company Name	Truck Rego	Trans. Number	Waste Code (Material ID)	Tonnage Delivered
17 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi	s.78B(2)	236058	1 6 5	23.86
17 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236059	1 6 5	24.40
17 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236060	1 6 5	19.76
17 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236061	1 6 5	25.16
		Page Load Count	42	Page Subtotal	1,080.52
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17 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236066	1 6 5	22.20
17 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236067	1 6 5	24.60
17 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236068	1 6 5	22.72
17 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236070	1 6 5	23.54
17 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236071	1 6 5	25.44
17 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236072	1 6 5	23.04
17 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236073	1 6 5	20.04
17 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236075	1 6 5	21.22
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17 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236080	1 6 5	24.88
17 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236087	1 6 5	21.06
17 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236094	1 6 5	26.92
17 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236101	1 6 5	17.00
17 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236108	1 6 5	25.68
18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236159	1 6 5	29.62
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18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236165	1 6 5	30.08
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18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236168	1 6 5	28.44
18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236169	1 6 5	25.04
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18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236172	1 6 5	15.60
18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236174	1 6 5	21.64
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18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236179	1 6 5	20.84
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18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236184	1 6 5	16.76
18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236185	1 6 5	21.02
18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236186	1 6 5	23.10
18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236187	1 6 5	21.48
18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236191	1 6 5	23.98
18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236192	1 6 5	21.24

Collex Pty Ltd

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Wattle Glen Landfill Facility

L & D Contracting Pty Ltd

119 Sandmere Road, Pinkenba Project

Soil Contaminated Asbestos, Unlined Landfill Disposal

Reporting Period

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Date Delivered	Customer Company Name	Truck Rego	Trans. Number	Waste Code (Material ID)	Tonnage Delivered
18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi	s.78B(2)	236195	1 6 5	21.84
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18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236200	1 6 5	21.62
18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236201	1 6 5	17.28
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18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236206	1 6 5	25.16
18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236207	1 6 5	23.52
18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236210	1 6 5	25.32
18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236212	1 6 5	21.94
18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236214	1 6 5	26.60
18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236215	1 6 5	23.84
18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236218	1 6 5	21.92
18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236220	1 6 5	27.28
18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236222	1 6 5	19.52
18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236223	1 6 5	31.08
18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236224	1 6 5	20.88
18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236225	1 6 5	20.40
18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236226	1 6 5	19.30
18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236231	1 6 5	26.86
18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236235	1 6 5	23.54
18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236241	1 6 5	27.02
18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236242	1 6 5	21.44
18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236244	1 6 5	13.08
18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236247	1 6 5	23.50
18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236248	1 6 5	25.72
18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236251	1 6 5	22.68
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18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236259	1 6 5	21.02
18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236261	1 6 5	24.02
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18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236264	1 6 5	26.72
18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236265	1 6 5	20.14
18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236267	1 6 5	22.78
18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236268	1 6 5	27.46
18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236270	1 6 5	21.08
18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236272	1 6 5	25.06
18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236274	1 6 5	24.04



Wattle Glen Landfill Facility



L & D Contracting Pty Ltd

119 Sandmere Road, Pinkenba Project

Soil Contaminated Asbestos, Unlined Landfill Disposal

Reporting Period

Start Date: 14.10.05

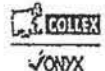
End Date: 19.10.05

Access Code: 1 6 5

Date Delivered	Customer Company Name	Truck Rego	Trans. Number	Waste Code (Material ID)	Tonnage Delivered
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Page Load Count		42	Page Subtotal		973.10
18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi	s.78B(2)	236300	1 6 5	22.68
18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236301	1 6 5	18.98
18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236303	1 6 5	19.68
18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236304	1 6 5	21.90
18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236306	1 6 5	24.18
18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236310	1 6 5	19.80
18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236312	1 6 5	24.16
18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236313	1 6 5	22.90
18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236315	1 6 5	27.22
18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236316	1 6 5	17.20
18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236317	1 6 5	26.96
18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236318	1 6 5	23.20
18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236319	1 6 5	28.30
18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236320	1 6 5	25.12
18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236322	1 6 5	23.66
18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236326	1 6 5	19.58
18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236327	1 6 5	14.22
18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236329	1 6 5	23.68
18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236332	1 6 5	21.96
18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236334	1 6 5	22.68
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18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236338	1 6 5	26.38
18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236344	1 6 5	22.58
18 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236349	1 6 5	18.70
19 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236357	1 6 5	20.72
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19 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236359	1 6 5	25.90
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19 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236361	1 6 5	21.08
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19 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236368	1 6 5	18.36



Wattle Glen Landfill Facility



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Date Delivered	Customer Company Name	Truck Rego	Trans. Number	Waste Code (Material ID)	Tonnage Delivered
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19 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236386	1 6 5	23.14
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19 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236398	1 6 5	23.38
19 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236399	1 6 5	26.40
19 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236400	1 6 5	23.94
19 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236405	1 6 5	30.18
19 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236406	1 6 5	22.10
19 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236407	1 6 5	25.18
19 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236408	1 6 5	19.20
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19 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236417	1 6 5	21.36
19 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236420	1 6 5	22.54
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19 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236429	1 6 5	26.76
19 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236431	1 6 5	24.44
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19 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236444	1 6 5	22.68
19 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236449	1 6 5	20.32
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19 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236459	1 6 5	22.88



Wattle Glen Landfill Facility



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119 Sandmere Road, Pinkenba Project

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Date Delivered	Customer Company Name	Truck Rego	Trans. Number	Waste Code (Material ID)	Tonnage Delivered
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19 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236463	1 6 5	23.18
19 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236465	1 6 5	15.18
19 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236469	1 6 5	22.32
19 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236480	1 6 5	25.16
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19 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236487	1 6 5	21.10
19 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236489	1 6 5	23.42
19 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236490	1 6 5	22.72
19 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236491	1 6 5	27.66
Page Load Count		42	Page Subtotal		968.18
19 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi	s.78B(2)	236492	1 6 5	23.08
19 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236495	1 6 5	25.48
19 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236498	1 6 5	21.24
19 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236499	1 6 5	18.78
19 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236502	1 6 5	22.96
19 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236504	1 6 5	23.90
19 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236506	1 6 5	26.30
19 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236509	1 6 5	30.50
19 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236511	1 6 5	23.92
19 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236515	1 6 5	18.82
19 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236517	1 6 5	19.86
19 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236521	1 6 5	19.76
19 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236522	1 6 5	20.86
19 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236523	1 6 5	25.04
19 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236527	1 6 5	19.54
19 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236529	1 6 5	22.26
19 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236532	1 6 5	20.36
19 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236533	1 6 5	24.44
19 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236534	1 6 5	28.56
19 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236538	1 6 5	22.14
19 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236540	1 6 5	26.92
19 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236541	1 6 5	23.16
19 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236544	1 6 5	24.78
19 / 10 / 2005	L & D Contracting Pty Ltd, 119 Sandmere Road, Pi		236546	1 6 5	22.04
Page Load Count		24	Page Subtotal		554.70
Total Load Count		318	REPORT TOTAL		7,499.16



Wattle Glen Landfill Facility

L & D Contracting Pty Ltd

119 Sandmere Road, Pinkenba Project

Soil Contaminated Asbestos, Unlined Landfill Disposal

Reporting Period

Start Date: 14.10.05

End Date: 19.10.05

Access Code: 1 6 5

Date Delivered	Customer Company Name	Truck Rego	Trans. Number	Waste Code (Material ID)	Tonnage Delivered
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Total Load Count / Total Tonnes = 318 loads / 7,499.16 t = Average Weight per Load 23.58 t/load

Approx. Lower Limit on Load Volume 21.00 m³/load

Approx. Higher Limit on Load Volume 25.00 m³/load

Approx. Average of Load Volume 23.00 m³/load

Average Weight per Load / Lower Load Volume = 23.58 t/load / 21.00 m³/load = Approx. Lowest of Density 1.12 t/m³

Average Weight per Load / Higher Load Volume = 23.58 t/load / 25.00 m³/load = Approx. Highest Density 0.94 t/m³

Average Weight per Load / Average Load Volume = 23.58 t/load / 23.00 m³/load = Approx. Average of Density 1.03 t/m³

Release

Collex Pty Ltd

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Wattle Glen Landfill Facility



L & D Contracting Remediation
Asbestos Soil Removal - Pinkenba
Contaminated Soil, Disposal

Reporting Period
Start Date: 24.07.09
End Date: 22.12.09

Access Code: 165ASB

Date Delivered	Customer Company Name	Truck Rego	Trans. Number	Bridge Code (Material ID)	Tonnage Delivered
Total Load Count		264 loads	REPORT TOTAL		7,645.78 t
24 / 07 / 2009	L & D Contracting Remediation	s.78B(2)	387694	165ASB	28.42 t
24 / 07 / 2009	L & D Contracting Remediation		387696	165ASB	23.28 t
24 / 07 / 2009	L & D Contracting Remediation		387698	165ASB	25.84 t
24 / 07 / 2009	L & D Contracting Remediation		387699	165ASB	20.06 t
24 / 07 / 2009	L & D Contracting Remediation		387700	165ASB	29.70 t
24 / 07 / 2009	L & D Contracting Remediation		387703	165ASB	29.30 t
24 / 07 / 2009	L & D Contracting Remediation		387704	165ASB	29.82 t
24 / 07 / 2009	L & D Contracting Remediation		387705	165ASB	29.46 t
24 / 07 / 2009	L & D Contracting Remediation		387706	165ASB	23.66 t
24 / 07 / 2009	L & D Contracting Remediation		387712	165ASB	31.90 t
24 / 07 / 2009	L & D Contracting Remediation		387713	165ASB	27.64 t
24 / 07 / 2009	L & D Contracting Remediation		387719	165ASB	21.84 t
24 / 07 / 2009	L & D Contracting Remediation		387720	165ASB	29.20 t
24 / 07 / 2009	L & D Contracting Remediation		387732	165ASB	26.02 t
24 / 07 / 2009	L & D Contracting Remediation		387748	165ASB	31.60 t
24 / 07 / 2009	L & D Contracting Remediation		387750	165ASB	32.66 t
24 / 07 / 2009	L & D Contracting Remediation		387751	165ASB	32.72 t
24 / 07 / 2009	L & D Contracting Remediation		387752	165ASB	26.02 t
24 / 07 / 2009	L & D Contracting Remediation		387758	165ASB	31.14 t
24 / 07 / 2009	L & D Contracting Remediation		387761	165ASB	22.00 t
24 / 07 / 2009	L & D Contracting Remediation		387763	165ASB	28.38 t
24 / 07 / 2009	L & D Contracting Remediation		387764	165ASB	25.98 t
24 / 07 / 2009	L & D Contracting Remediation		387767	165ASB	24.18 t
24 / 07 / 2009	L & D Contracting Remediation		387773	165ASB	28.24 t
24 / 07 / 2009	L & D Contracting Remediation		387774	165ASB	29.76 t
24 / 07 / 2009	L & D Contracting Remediation		387778	165ASB	23.72 t
24 / 07 / 2009	L & D Contracting Remediation		387781	165ASB	30.84 t
24 / 07 / 2009	L & D Contracting Remediation		387790	165ASB	31.78 t
24 / 07 / 2009	L & D Contracting Remediation		387800	165ASB	35.20 t
24 / 07 / 2009	L & D Contracting Remediation		387801	165ASB	21.52 t
24 / 07 / 2009	L & D Contracting Remediation		387807	165ASB	35.04 t
24 / 07 / 2009	L & D Contracting Remediation		387811	165ASB	35.58 t
24 / 07 / 2009	L & D Contracting Remediation		387817	165ASB	19.80 t
24 / 07 / 2009	L & D Contracting Remediation		387818	165ASB	19.86 t
24 / 07 / 2009	L & D Contracting Remediation		387821	165ASB	22.12 t
24 / 07 / 2009	L & D Contracting Remediation		387825	165ASB	28.16 t
24 / 07 / 2009	L & D Contracting Remediation		387830	165ASB	24.64 t
24 / 07 / 2009	L & D Contracting Remediation		387834	165ASB	28.96 t
24 / 07 / 2009	L & D Contracting Remediation		387838	165ASB	35.30 t
24 / 07 / 2009	L & D Contracting Remediation		387844	165ASB	32.10 t
24 / 07 / 2009	L & D Contracting Remediation		387847	165ASB	26.76 t
24 / 07 / 2009	L & D Contracting Remediation		387850	165ASB	37.82 t
24 / 07 / 2009	L & D Contracting Remediation		387852	165ASB	32.68 t
24 / 07 / 2009	L & D Contracting Remediation		387854	165ASB	21.56 t
Page Load Count		44 loads	Page Subtotal		1,232.26 t



Wattle Glen Landfill Facility



L & D Contracting Remediation
Asbestos Soil Removal - Pinkenba
Contaminated Soil, Disposal

Reporting Period
Start Date: 24.07.09
End Date: 22.12.09

Access Code: 165ASB

Date Delivered	Customer Company Name	Truck Rego	Trans. Number	Bridge Code (Material ID)	Tonnage Delivered
Total Load Count		264 loads	REPORT TOTAL		7,645.78 t
24 / 07 / 2009	L & D Contracting Remediation	s.78B(2)	387862	165ASB	22.36 t
24 / 07 / 2009	L & D Contracting Remediation		387865	165ASB	23.88 t
24 / 07 / 2009	L & D Contracting Remediation		387868	165ASB	37.14 t
24 / 07 / 2009	L & D Contracting Remediation		387870	165ASB	35.80 t
24 / 07 / 2009	L & D Contracting Remediation		387874	165ASB	33.38 t
24 / 07 / 2009	L & D Contracting Remediation		387878	165ASB	27.34 t
24 / 07 / 2009	L & D Contracting Remediation		387880	165ASB	31.48 t
24 / 07 / 2009	L & D Contracting Remediation		9126974	165ASB	25.70 t
27 / 07 / 2009	L & D Contracting Remediation		387961	165ASB	22.52 t
27 / 07 / 2009	L & D Contracting Remediation		387967	165ASB	17.18 t
27 / 07 / 2009	L & D Contracting Remediation		387968	165ASB	21.58 t
27 / 07 / 2009	L & D Contracting Remediation		387970	165ASB	25.96 t
27 / 07 / 2009	L & D Contracting Remediation		387973	165ASB	21.86 t
27 / 07 / 2009	L & D Contracting Remediation		387974	165ASB	27.84 t
27 / 07 / 2009	L & D Contracting Remediation		387975	165ASB	28.32 t
27 / 07 / 2009	L & D Contracting Remediation		388010	165ASB	21.98 t
27 / 07 / 2009	L & D Contracting Remediation		388016	165ASB	23.20 t
27 / 07 / 2009	L & D Contracting Remediation		388017	165ASB	29.58 t
27 / 07 / 2009	L & D Contracting Remediation		388022	165ASB	32.28 t
27 / 07 / 2009	L & D Contracting Remediation		388027	165ASB	28.32 t
27 / 07 / 2009	L & D Contracting Remediation		388029	165ASB	28.84 t
27 / 07 / 2009	L & D Contracting Remediation		388032	165ASB	27.70 t
27 / 07 / 2009	L & D Contracting Remediation		388052	165ASB	26.26 t
27 / 07 / 2009	L & D Contracting Remediation		388063	165ASB	24.96 t
27 / 07 / 2009	L & D Contracting Remediation		388064	165ASB	29.30 t
27 / 07 / 2009	L & D Contracting Remediation		388067	165ASB	32.48 t
27 / 07 / 2009	L & D Contracting Remediation		388080	165ASB	28.28 t
27 / 07 / 2009	L & D Contracting Remediation		388081	165ASB	27.20 t
27 / 07 / 2009	L & D Contracting Remediation		388084	165ASB	27.96 t
27 / 07 / 2009	L & D Contracting Remediation		388106	165ASB	24.98 t
27 / 07 / 2009	L & D Contracting Remediation		388107	165ASB	36.94 t
27 / 07 / 2009	L & D Contracting Remediation		388112	165ASB	29.40 t
27 / 07 / 2009	L & D Contracting Remediation		388129	165ASB	33.72 t
27 / 07 / 2009	L & D Contracting Remediation		388130	165ASB	32.08 t
12 / 08 / 2009	L & D Contracting Remediation		389614	165ASB	36.32 t
12 / 08 / 2009	L & D Contracting Remediation		389617	165ASB	38.02 t
12 / 08 / 2009	L & D Contracting Remediation		389619	165ASB	38.00 t
12 / 08 / 2009	L & D Contracting Remediation		389636	165ASB	39.14 t
12 / 08 / 2009	L & D Contracting Remediation		389639	165ASB	33.66 t
12 / 08 / 2009	L & D Contracting Remediation		389641	165ASB	38.90 t
12 / 08 / 2009	L & D Contracting Remediation		389663	165ASB	34.32 t
12 / 08 / 2009	L & D Contracting Remediation		389664	165ASB	33.10 t
12 / 08 / 2009	L & D Contracting Remediation		389665	165ASB	31.16 t
13 / 08 / 2009	L & D Contracting Remediation		389690	165ASB	30.22 t
Page Load Count		44 loads	Page Subtotal		1,300.64 t

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Collex Pty Ltd

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Wattle Glen Landfill Facility



L & D Contracting Remediation
Asbestos Soil Removal - Pinkenba
Contaminated Soil, Disposal

Reporting Period
Start Date: 24.07.09
End Date: 22.12.09

Access Code: 165ASB

Date Delivered	Customer Company Name	Truck Rego	Trans. Number	Bridge Code (Material ID)	Tonnage Delivered
Total Load Count		264 loads	REPORT TOTAL		7,645.78 t
13 / 08 / 2009	L & D Contracting Remediation	s.78B(2)	389691	165ASB	31.90 t
13 / 08 / 2009	L & D Contracting Remediation		389692	165ASB	34.62 t
11 / 12 / 2009	L & D Contracting Remediation		14291676	165ASB	34.28 t
11 / 12 / 2009	L & D Contracting Remediation		14291680	165ASB	25.88 t
11 / 12 / 2009	L & D Contracting Remediation		14291679	165ASB	33.16 t
11 / 12 / 2009	L & D Contracting Remediation		14291684	165ASB	26.40 t
11 / 12 / 2009	L & D Contracting Remediation		14291688	165ASB	26.08 t
11 / 12 / 2009	L & D Contracting Remediation		14291690	165ASB	28.28 t
11 / 12 / 2009	L & D Contracting Remediation		14291693	165ASB	24.70 t
11 / 12 / 2009	L & D Contracting Remediation		14291674	165ASB	29.62 t
11 / 12 / 2009	L & D Contracting Remediation		14291643	165ASB	29.24 t
11 / 12 / 2009	L & D Contracting Remediation		14291645	165ASB	35.13 t
11 / 12 / 2009	L & D Contracting Remediation		14291646	165ASB	27.22 t
11 / 12 / 2009	L & D Contracting Remediation		14291647	165ASB	28.98 t
11 / 12 / 2009	L & D Contracting Remediation		14291648	165ASB	25.14 t
11 / 12 / 2009	L & D Contracting Remediation		14291650	165ASB	20.68 t
11 / 12 / 2009	L & D Contracting Remediation		14291651	165ASB	24.78 t
11 / 12 / 2009	L & D Contracting Remediation		14291654	165ASB	26.78 t
11 / 12 / 2009	L & D Contracting Remediation		14291658	165ASB	30.08 t
09 / 12 / 2009	L & D Contracting Remediation		14291683	165ASB	26.10 t
11 / 12 / 2009	L & D Contracting Remediation		14291691	165ASB	40.06 t
11 / 12 / 2009	L & D Contracting Remediation		14291605	165ASB	25.24 t
11 / 12 / 2009	L & D Contracting Remediation		14291608	165ASB	28.62 t
11 / 12 / 2009	L & D Contracting Remediation		14291698	165ASB	29.16 t
11 / 12 / 2009	L & D Contracting Remediation		14291697	165ASB	25.48 t
11 / 12 / 2009	L & D Contracting Remediation		14291700	165ASB	24.16 t
11 / 12 / 2009	L & D Contracting Remediation		14291701	165ASB	24.50 t
11 / 12 / 2009	L & D Contracting Remediation		14291702	165ASB	22.50 t
11 / 12 / 2009	L & D Contracting Remediation		14291705	165ASB	26.70 t
11 / 12 / 2009	L & D Contracting Remediation		14291704	165ASB	27.38 t
11 / 12 / 2009	L & D Contracting Remediation		14291598	165ASB	25.76 t
11 / 12 / 2009	L & D Contracting Remediation		14291603	165ASB	25.48 t
11 / 12 / 2009	L & D Contracting Remediation		14291525	165ASB	29.38 t
11 / 12 / 2009	L & D Contracting Remediation		14291528	165ASB	24.16 t
11 / 12 / 2009	L & D Contracting Remediation		14291532	165ASB	25.78 t
11 / 12 / 2009	L & D Contracting Remediation		14291538	165ASB	28.82 t
11 / 12 / 2009	L & D Contracting Remediation		14291542	165ASB	24.60 t
11 / 12 / 2009	L & D Contracting Remediation		14291545	165ASB	26.34 t
11 / 12 / 2009	L & D Contracting Remediation		14291552	165ASB	24.26 t
11 / 12 / 2009	L & D Contracting Remediation		14291554	165ASB	28.26 t
11 / 12 / 2009	L & D Contracting Remediation		14291510	165ASB	27.76 t
11 / 12 / 2009	L & D Contracting Remediation		14291507	165ASB	21.86 t
11 / 12 / 2009	L & D Contracting Remediation		14291505	165ASB	21.38 t
11 / 12 / 2009	L & D Contracting Remediation		14291509	165ASB	21.50 t
Page Load Count		44 loads	Page Subtotal		1,198.19 t



Wattle Glen Landfill Facility



L & D Contracting Remediation

Asbestos Soil Removal - Pinkenba

Contaminated Soil, Disposal

Reporting Period

Start Date: 24.07.09

End Date: 22.12.09

Access Code: 165ASB

Date Delivered	Customer Company Name	Truck Rego	Trans. Number	Bridge Code (Material ID)	Tonnage Delivered
Total Load Count		264 loads	REPORT TOTAL		7,645.78 t
11 / 12 / 2009	L & D Contracting Remediation	S.78B(2)	14291512	165ASB	23.14 t
11 / 12 / 2009	L & D Contracting Remediation		14291503	165ASB	19.66 t
11 / 12 / 2009	L & D Contracting Remediation		14291514	165ASB	23.48 t
11 / 12 / 2009	L & D Contracting Remediation		14291499	165ASB	20.56 t
11 / 12 / 2009	L & D Contracting Remediation		14291498	165ASB	25.28 t
11 / 12 / 2009	L & D Contracting Remediation		14291515	165ASB	24.20 t
11 / 12 / 2009	L & D Contracting Remediation		14291519	165ASB	27.18 t
11 / 12 / 2009	L & D Contracting Remediation		14291520	165ASB	20.76 t
11 / 12 / 2009	L & D Contracting Remediation		14291524	165ASB	32.90 t
11 / 12 / 2009	L & D Contracting Remediation		14291587	165ASB	37.18 t
11 / 12 / 2009	L & D Contracting Remediation		14291589	165ASB	28.72 t
11 / 12 / 2009	L & D Contracting Remediation		14291591	165ASB	32.50 t
11 / 12 / 2009	L & D Contracting Remediation		14291592	165ASB	24.10 t
11 / 12 / 2009	L & D Contracting Remediation		14291642	165ASB	31.52 t
11 / 12 / 2009	L & D Contracting Remediation		14291614	165ASB	33.42 t
11 / 12 / 2009	L & D Contracting Remediation		14291617	165ASB	28.26 t
11 / 12 / 2009	L & D Contracting Remediation		14291621	165ASB	27.18 t
11 / 12 / 2009	L & D Contracting Remediation		14291622	165ASB	36.20 t
11 / 12 / 2009	L & D Contracting Remediation		14291629	165ASB	24.02 t
11 / 12 / 2009	L & D Contracting Remediation		14291639	165ASB	37.10 t
11 / 12 / 2009	L & D Contracting Remediation		14291562	165ASB	28.74 t
11 / 12 / 2009	L & D Contracting Remediation		14291564	165ASB	35.82 t
11 / 12 / 2009	L & D Contracting Remediation		14291567	165ASB	28.52 t
11 / 12 / 2009	L & D Contracting Remediation		14291569	165ASB	26.74 t
11 / 12 / 2009	L & D Contracting Remediation		14291570	165ASB	27.60 t
11 / 12 / 2009	L & D Contracting Remediation		14291574	165ASB	21.94 t
11 / 12 / 2009	L & D Contracting Remediation		14291579	165ASB	26.76 t
11 / 12 / 2009	L & D Contracting Remediation		14291582	165ASB	30.24 t
11 / 12 / 2009	L & D Contracting Remediation		14291585	165ASB	31.10 t
09 / 12 / 2009	L & D Contracting Remediation		14291214	165ASB	17.72 t
09 / 12 / 2009	L & D Contracting Remediation		14291264	165ASB	21.46 t
09 / 12 / 2009	L & D Contracting Remediation		14291253	165ASB	22.34 t
09 / 12 / 2009	L & D Contracting Remediation		14291258	165ASB	20.24 t
09 / 12 / 2009	L & D Contracting Remediation		14291113	165ASB	27.20 t
09 / 12 / 2009	L & D Contracting Remediation		14291155	165ASB	23.38 t
09 / 12 / 2009	L & D Contracting Remediation		14291202	165ASB	28.70 t
09 / 12 / 2009	L & D Contracting Remediation		14291212	165ASB	24.12 t
09 / 12 / 2009	L & D Contracting Remediation		14291164	165ASB	22.70 t
09 / 12 / 2009	L & D Contracting Remediation		14291165	165ASB	23.94 t
14 / 12 / 2009	L & D Contracting Remediation		14291794	165ASB	23.70 t
14 / 12 / 2009	L & D Contracting Remediation		14291916	165ASB	22.52 t
14 / 12 / 2009	L & D Contracting Remediation		14291787	165ASB	23.06 t
14 / 12 / 2009	L & D Contracting Remediation		14291800	165ASB	37.86 t
14 / 12 / 2009	L & D Contracting Remediation		14291790	165ASB	24.12 t
Page Load Count		44 loads	Page Subtotal		1,177.88 t

Rate = \$17.00/tonne

Release

Collex Pty Ltd

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Wattle Glen Landfill Facility

L & D Contracting Remediation
Asbestos Soil Removal - Pinkenba
Contaminated Soil, Disposal

Reporting Period
Start Date: 24.07.09
End Date: 22.12.09

Access Code: 165ASB

Date Delivered	Customer Company Name	Truck Rego	Trans. Number	Bridge Code (Material ID)	Tonnage Delivered
Total Load Count		264 loads	REPORT TOTAL		7,645.78 t
14 / 12 / 2009	L & D Contracting Remediation	s.78B(2)	14291789	165ASB	26.62 t
14 / 12 / 2009	L & D Contracting Remediation		14291839	165ASB	24.64 t
14 / 12 / 2009	L & D Contracting Remediation		14291843	165ASB	24.72 t
14 / 12 / 2009	L & D Contracting Remediation		14291853	165ASB	20.84 t
14 / 12 / 2009	L & D Contracting Remediation		14291862	165ASB	36.09 t
14 / 12 / 2009	L & D Contracting Remediation		14291811	165ASB	34.32 t
14 / 12 / 2009	L & D Contracting Remediation		14291812	165ASB	34.00 t
14 / 12 / 2009	L & D Contracting Remediation		14291813	165ASB	32.64 t
14 / 12 / 2009	L & D Contracting Remediation		14291815	165ASB	32.84 t
14 / 12 / 2009	L & D Contracting Remediation		14291817	165ASB	32.04 t
14 / 12 / 2009	L & D Contracting Remediation		14291818	165ASB	36.78 t
14 / 12 / 2009	L & D Contracting Remediation		14291820	165ASB	31.22 t
14 / 12 / 2009	L & D Contracting Remediation		14291821	165ASB	27.08 t
14 / 12 / 2009	L & D Contracting Remediation		14291824	165ASB	20.96 t
14 / 12 / 2009	L & D Contracting Remediation		14291837	165ASB	26.02 t
14 / 12 / 2009	L & D Contracting Remediation		14291785	165ASB	27.38 t
14 / 12 / 2009	L & D Contracting Remediation		14291757	165ASB	28.82 t
14 / 12 / 2009	L & D Contracting Remediation		14291758	165ASB	34.58 t
14 / 12 / 2009	L & D Contracting Remediation		14291747	165ASB	20.88 t
14 / 12 / 2009	L & D Contracting Remediation		14291749	165ASB	24.64 t
14 / 12 / 2009	L & D Contracting Remediation		14291752	165ASB	19.90 t
14 / 12 / 2009	L & D Contracting Remediation		14291754	165ASB	18.96 t
14 / 12 / 2009	L & D Contracting Remediation		14291755	165ASB	20.46 t
14 / 12 / 2009	L & D Contracting Remediation		14291756	165ASB	26.20 t
14 / 12 / 2009	L & D Contracting Remediation		14291876	165ASB	30.56 t
14 / 12 / 2009	L & D Contracting Remediation		14291917	165ASB	38.72 t
14 / 12 / 2009	L & D Contracting Remediation		14291879	165ASB	29.96 t
14 / 12 / 2009	L & D Contracting Remediation		14291881	165ASB	22.10 t
14 / 12 / 2009	L & D Contracting Remediation		14291885	165ASB	33.64 t
14 / 12 / 2009	L & D Contracting Remediation		14291886	165ASB	27.58 t
14 / 12 / 2009	L & D Contracting Remediation		14291888	165ASB	28.46 t
14 / 12 / 2009	L & D Contracting Remediation		14291891	165ASB	23.08 t
14 / 12 / 2009	L & D Contracting Remediation		14291893	165ASB	21.90 t
14 / 12 / 2009	L & D Contracting Remediation		14291767	165ASB	31.46 t
14 / 12 / 2009	L & D Contracting Remediation		14291768	165ASB	32.60 t
14 / 12 / 2009	L & D Contracting Remediation		14291770	165ASB	28.76 t
14 / 12 / 2009	L & D Contracting Remediation		14291771	165ASB	20.90 t
14 / 12 / 2009	L & D Contracting Remediation		14291772	165ASB	31.20 t
14 / 12 / 2009	L & D Contracting Remediation		14291892	165ASB	28.10 t
14 / 12 / 2009	L & D Contracting Remediation		14291900	165ASB	24.84 t
14 / 12 / 2009	L & D Contracting Remediation		14291905	165ASB	23.10 t
14 / 12 / 2009	L & D Contracting Remediation		14291760	165ASB	27.02 t
14 / 12 / 2009	L & D Contracting Remediation		14291762	165ASB	34.60 t
14 / 12 / 2009	L & D Contracting Remediation		14291761	165ASB	33.86 t
Page Load Count		44 loads	Page Subtotal		1,235.07 t

Invoice number 2940017700

Release

Collex Pty Ltd

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Wattle Glen Landfill Facility

L & D Contracting Remediation

Asbestos Soil Removal - Pinkenba

Contaminated Soil, Disposal

Reporting Period

Start Date: 24.07.09

End Date: 22.12.09

Access Code: 165ASB

Date Delivered	Customer Company Name	Truck Rego	Trans. Number	Bridge Code (Material ID)	Tonnage Delivered
Total Load Count		264 loads	REPORT TOTAL		7,645.78 t
14 / 12 / 2009	L & D Contracting Remediation	S.78B(2)	14291763	165ASB	29.96 t
14 / 12 / 2009	L & D Contracting Remediation		14291764	165ASB	31.00 t
14 / 12 / 2009	L & D Contracting Remediation		14291877	165ASB	27.16 t
14 / 12 / 2009	L & D Contracting Remediation		14291872	165ASB	31.06 t
14 / 12 / 2009	L & D Contracting Remediation		14291875	165ASB	32.98 t
14 / 12 / 2009	L & D Contracting Remediation		14291940	165ASB	37.30 t
14 / 12 / 2009	L & D Contracting Remediation		14291980	165ASB	30.44 t
14 / 12 / 2009	L & D Contracting Remediation		14291975	165ASB	35.55 t
14 / 12 / 2009	L & D Contracting Remediation		14291946	165ASB	24.46 t
14 / 12 / 2009	L & D Contracting Remediation		14291942	165ASB	32.32 t
14 / 12 / 2009	L & D Contracting Remediation		14291963	165ASB	22.72 t
14 / 12 / 2009	L & D Contracting Remediation		14291977	165ASB	24.16 t
14 / 12 / 2009	L & D Contracting Remediation		14291943	165ASB	31.86 t
14 / 12 / 2009	L & D Contracting Remediation		14291948	165ASB	27.48 t
14 / 12 / 2009	L & D Contracting Remediation		14291931	165ASB	35.22 t
14 / 12 / 2009	L & D Contracting Remediation		14291927	165ASB	28.12 t
14 / 12 / 2009	L & D Contracting Remediation		14291954	165ASB	25.34 t
14 / 12 / 2009	L & D Contracting Remediation		14291967	165ASB	32.36 t
14 / 12 / 2009	L & D Contracting Remediation		14291979	165ASB	34.12 t
14 / 12 / 2009	L & D Contracting Remediation		14291929	165ASB	35.24 t
14 / 12 / 2009	L & D Contracting Remediation		14291933	165ASB	27.42 t
14 / 12 / 2009	L & D Contracting Remediation		14291937	165ASB	21.70 t
14 / 12 / 2009	L & D Contracting Remediation		14291982	165ASB	35.88 t
14 / 12 / 2009	L & D Contracting Remediation		14291945	165ASB	23.12 t
14 / 12 / 2009	L & D Contracting Remediation		14291918	165ASB	37.33 t
14 / 12 / 2009	L & D Contracting Remediation	832KJL	14291972	165ASB	24.68 t
14 / 12 / 2009	L & D Contracting Remediation	047DL	14291957	165ASB	24.18 t
14 / 12 / 2009	L & D Contracting Remediation	086LUN	14291974	165ASB	23.96 t
15 / 12 / 2009	L & D Contracting Remediation	717COT	14292564	165ASB	26.45 t
15 / 12 / 2009	L & D Contracting Remediation	690KEJ	14292563	165ASB	20.23 t
15 / 12 / 2009	L & D Contracting Remediation	717COT	14292562	165ASB	27.00 t
15 / 12 / 2009	L & D Contracting Remediation	690KEJ	14292561	165ASB	20.10 t
15 / 12 / 2009	L & D Contracting Remediation	717COT	14292560	165ASB	26.00 t
15 / 12 / 2009	L & D Contracting Remediation	690KEJ	14292559	165ASB	20.50 t
15 / 12 / 2009	L & D Contracting Remediation	717COT	14292557	165ASB	26.06 t
15 / 12 / 2009	L & D Contracting Remediation	690KEJ	14292555	165ASB	26.66 t
15 / 12 / 2009	L & D Contracting Remediation	690KEJ	14292573	165ASB	20.23 t
16 / 12 / 2009	L & D Contracting Remediation	756DYL	14292577	165ASB	25.49 t
16 / 12 / 2009	L & D Contracting Remediation	086LUN	14292576	165ASB	37.82 t
16 / 12 / 2009	L & D Contracting Remediation	690KEJ	14292575	165ASB	26.40 t
16 / 12 / 2009	L & D Contracting Remediation	756DYL	14292574	165ASB	26.60 t
16 / 12 / 2009	L & D Contracting Remediation	086LUN	14292573	165ASB	39.44 t
16 / 12 / 2009	L & D Contracting Remediation	690KEJ	14292572	165ASB	27.18 t
16 / 12 / 2009	L & D Contracting Remediation	086LUN	14292571	165ASB	34.16 t
Page Load Count		44 loads	Page Subtotal		1,317.16 t

Invoice 929-0017200 Rate = \$15.00/tonne

Release

Collex Pty Ltd

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Wattle Glen Landfill Facility

L & D Contracting Remediation
Asbestos Soil Removal - Pinkenba
Contaminated Soil, Disposal

Reporting Period
Start Date: 24.07.09
End Date: 22.12.09

Access Code: 165ASB

Date Delivered	Customer Company Name	Truck Rego	Trans. Number	Bridge Code (Material ID)	Tonnage Delivered
Total Load Count		264 loads	REPORT TOTAL		7,645.78 t
16/12/2009	L & D Contracting Remediation	690KEJ	14292570	165ASB	33.92 t
16/12/2009	L & D Contracting Remediation	1086LWJ	14292563	165ASB	35.90 t
16/12/2009	L & D Contracting Remediation	690KEJ	14292567	165ASB	33.40 t
16/12/2009	L & D Contracting Remediation	690KEJ	14292566	165ASB	33.12 t
17/12/2009	L & D Contracting Remediation	907LTM	14292573	165ASB	26.84 t
22/12/2009	L & D Contracting Remediation	490KAK	14292750	165ASB	23.00 t

Invoice n° 240017009 Rev 4.5.09

Page Load Count: 6 loads Page Subtotal 184.58 t



Wattle Glen Landfill Facility

L & D Contracting

119 Sandmere Road, Pinkenba Remediation

Asbestos Contaminated Soil, Unlined Landfill Disposal

Reporting Period

Start Date: 04.07.07

End Date: 31.01.08

Access Code: 165ASB

Date Delivered	Customer Company Name	Truck Rego	Trans. Number	Bridge Code (Material ID)	Tonnage Delivered
Total Load Count		322 loads	REPORT TOTAL		8,139.05 t
04 / 07 / 2007	L & D Contracting	s.78B(2)	303878	165ASB	22.26 t
04 / 07 / 2007	L & D Contracting		303882	165ASB	23.30 t
04 / 07 / 2007	L & D Contracting		303884	165ASB	23.08 t
04 / 07 / 2007	L & D Contracting		303887	165ASB	22.82 t
04 / 07 / 2007	L & D Contracting		303889	165ASB	22.50 t
04 / 07 / 2007	L & D Contracting		303891	165ASB	24.06 t
04 / 07 / 2007	L & D Contracting		303898	165ASB	19.38 t
04 / 07 / 2007	L & D Contracting		303899	165ASB	19.70 t
04 / 07 / 2007	L & D Contracting		303939	165ASB	20.60 t
04 / 07 / 2007	L & D Contracting		303947	165ASB	19.94 t
04 / 07 / 2007	L & D Contracting		303949	165ASB	26.08 t
04 / 07 / 2007	L & D Contracting		303953	165ASB	22.38 t
04 / 07 / 2007	L & D Contracting		303955	165ASB	26.88 t
04 / 07 / 2007	L & D Contracting		303971	165ASB	24.98 t
04 / 07 / 2007	L & D Contracting		303980	165ASB	22.88 t
04 / 07 / 2007	L & D Contracting		304013	165ASB	24.44 t
04 / 07 / 2007	L & D Contracting		304026	165ASB	24.10 t
04 / 07 / 2007	L & D Contracting		304031	165ASB	19.82 t
04 / 07 / 2007	L & D Contracting		304044	165ASB	23.94 t
04 / 07 / 2007	L & D Contracting		304045	165ASB	21.18 t
04 / 07 / 2007	L & D Contracting		304046	165ASB	22.26 t
04 / 07 / 2007	L & D Contracting		304055	165ASB	23.86 t
04 / 07 / 2007	L & D Contracting		304093	165ASB	22.22 t
04 / 07 / 2007	L & D Contracting		304096	165ASB	20.34 t
05 / 07 / 2007	L & D Contracting		304101	165ASB	18.90 t
05 / 07 / 2007	L & D Contracting		304102	165ASB	22.28 t
05 / 07 / 2007	L & D Contracting		304103	165ASB	22.90 t
05 / 07 / 2007	L & D Contracting		304108	165ASB	24.14 t
05 / 07 / 2007	L & D Contracting		304109	165ASB	20.10 t
05 / 07 / 2007	L & D Contracting		304110	165ASB	22.96 t
05 / 07 / 2007	L & D Contracting		304111	165ASB	20.52 t
05 / 07 / 2007	L & D Contracting		304113	165ASB	22.34 t
05 / 07 / 2007	L & D Contracting		304114	165ASB	20.68 t
05 / 07 / 2007	L & D Contracting		304118	165ASB	23.28 t
05 / 07 / 2007	L & D Contracting		304125	165ASB	23.68 t
05 / 07 / 2007	L & D Contracting		304152	165ASB	20.72 t
05 / 07 / 2007	L & D Contracting		304153	165ASB	20.78 t
05 / 07 / 2007	L & D Contracting		304156	165ASB	20.92 t
05 / 07 / 2007	L & D Contracting		304159	165ASB	22.64 t
05 / 07 / 2007	L & D Contracting		304163	165ASB	21.76 t
05 / 07 / 2007	L & D Contracting		304166	165ASB	20.70 t
05 / 07 / 2007	L & D Contracting		304171	165ASB	19.84 t
05 / 07 / 2007	L & D Contracting		304174	165ASB	18.98 t
05 / 07 / 2007	L & D Contracting		304177	165ASB	20.36 t

Page Load Count 44 loads

Page Subtotal 971.48 t



Wattle Glen Landfill Facility

L & D Contracting

119 Sandmere Road, Pinkenba Remediation

Asbestos Contaminated Soil, Unlined Landfill Disposal

Reporting Period

Start Date: 04.07.07

End Date: 31.01.08

Access Code: 165ASB

Date Delivered	Customer Company Name	Truck Rego	Trans. Number	Bridge Code (Material ID)	Tonnage Delivered
Total Load Count		322 loads	REPORT TOTAL		8,139.05 t
05 / 07 / 2007	L & D Contracting	s.78B(2)	304179	165ASB	20.08 t
05 / 07 / 2007	L & D Contracting		304180	165ASB	21.98 t
05 / 07 / 2007	L & D Contracting		304181	165ASB	24.90 t
05 / 07 / 2007	L & D Contracting		304182	165ASB	22.12 t
05 / 07 / 2007	L & D Contracting		9994729	165ASB	17.08 t
05 / 07 / 2007	L & D Contracting		9994724	165ASB	21.50 t
05 / 07 / 2007	L & D Contracting		9980837	165ASB	20.88 t
05 / 07 / 2007	L & D Contracting		9980843	165ASB	23.26 t
05 / 07 / 2007	L & D Contracting		9980845	165ASB	22.10 t
05 / 07 / 2007	L & D Contracting		9980849	165ASB	22.80 t
05 / 07 / 2007	L & D Contracting		9994056	165ASB	19.30 t
05 / 07 / 2007	L & D Contracting		9994057	165ASB	18.16 t
05 / 07 / 2007	L & D Contracting		9994062	165ASB	20.08 t
05 / 07 / 2007	L & D Contracting		9994066	165ASB	20.08 t
05 / 07 / 2007	L & D Contracting		9994079	165ASB	20.62 t
05 / 07 / 2007	L & D Contracting		9994085	165ASB	17.86 t
05 / 07 / 2007	L & D Contracting		9994181	165ASB	19.00 t
05 / 07 / 2007	L & D Contracting		9994185	165ASB	20.20 t
05 / 07 / 2007	L & D Contracting		9994189	165ASB	26.14 t
05 / 07 / 2007	L & D Contracting		9994198	165ASB	23.30 t
05 / 07 / 2007	L & D Contracting		9994714	165ASB	22.00 t
05 / 07 / 2007	L & D Contracting		9994721	165ASB	20.70 t
05 / 07 / 2007	L & D Contracting		9994743	165ASB	20.80 t
05 / 07 / 2007	L & D Contracting		9994745	165ASB	22.94 t
05 / 07 / 2007	L & D Contracting		9994731	165ASB	18.60 t
05 / 07 / 2007	L & D Contracting		9994734	165ASB	19.88 t
06 / 07 / 2007	L & D Contracting		304225	165ASB	22.04 t
06 / 07 / 2007	L & D Contracting		304185	165ASB	21.76 t
24 / 01 / 2008	L & D Contracting		327078	165ASB	29.94 t
24 / 01 / 2008	L & D Contracting		327081	165ASB	39.66 t
24 / 01 / 2008	L & D Contracting		327082	165ASB	36.86 t
24 / 01 / 2008	L & D Contracting		327086	165ASB	31.28 t
24 / 01 / 2008	L & D Contracting		327087	165ASB	33.46 t
24 / 01 / 2008	L & D Contracting		327090	165ASB	33.14 t
24 / 01 / 2008	L & D Contracting		327093	165ASB	34.18 t
24 / 01 / 2008	L & D Contracting		327094	165ASB	27.66 t
24 / 01 / 2008	L & D Contracting		327100	165ASB	30.96 t
24 / 01 / 2008	L & D Contracting		327133	165ASB	31.30 t
24 / 01 / 2008	L & D Contracting		327142	165ASB	26.92 t
24 / 01 / 2008	L & D Contracting		327152	165ASB	28.98 t
24 / 01 / 2008	L & D Contracting		327153	165ASB	25.50 t
24 / 01 / 2008	L & D Contracting		327156	165ASB	32.70 t
24 / 01 / 2008	L & D Contracting		327168	165ASB	27.82 t
24 / 01 / 2008	L & D Contracting		327173	165ASB	26.16 t
Page Load Count		44 loads	Page Subtotal		1,086.68 t



Wattle Glen Landfill Facility

L & D Contracting

119 Sandmere Road, Pinkenba Remediation

Asbestos Contaminated Soil, Unlined Landfill Disposal

Reporting Period

Start Date: 04.07.07

End Date: 31.01.08

Access Code: 165ASB

Date Delivered	Customer Company Name	Truck Rego	Trans. Number	Bridge Code (Material ID)	Tonnage Delivered
Total Load Count		322 loads	REPORT TOTAL		8,139.05 t
24 / 01 / 2008	L & D Contracting	s.78B(2)	327188	165ASB	25.66 t
24 / 01 / 2008	L & D Contracting		327191	165ASB	27.40 t
24 / 01 / 2008	L & D Contracting		327207	165ASB	27.74 t
24 / 01 / 2008	L & D Contracting		327210	165ASB	24.44 t
24 / 01 / 2008	L & D Contracting		327228	165ASB	26.70 t
24 / 01 / 2008	L & D Contracting		327232	165ASB	31.54 t
24 / 01 / 2008	L & D Contracting		327238	165ASB	29.10 t
24 / 01 / 2008	L & D Contracting		327241	165ASB	32.68 t
24 / 01 / 2008	L & D Contracting		327250	165ASB	29.38 t
24 / 01 / 2008	L & D Contracting		327254	165ASB	24.24 t
24 / 01 / 2008	L & D Contracting		327258	165ASB	24.42 t
24 / 01 / 2008	L & D Contracting		327259	165ASB	24.20 t
24 / 01 / 2008	L & D Contracting		327262	165ASB	23.80 t
24 / 01 / 2008	L & D Contracting		327269	165ASB	23.30 t
24 / 01 / 2008	L & D Contracting		9986979	165ASB	28.21 t
25 / 01 / 2008	L & D Contracting		327281	165ASB	16.34 t
25 / 01 / 2008	L & D Contracting		327282	165ASB	22.02 t
25 / 01 / 2008	L & D Contracting		327283	165ASB	30.12 t
25 / 01 / 2008	L & D Contracting		327284	165ASB	26.66 t
25 / 01 / 2008	L & D Contracting		327285	165ASB	19.88 t
25 / 01 / 2008	L & D Contracting		327286	165ASB	19.74 t
25 / 01 / 2008	L & D Contracting		327287	165ASB	26.58 t
25 / 01 / 2008	L & D Contracting		327288	165ASB	26.76 t
25 / 01 / 2008	L & D Contracting		327289	165ASB	24.78 t
25 / 01 / 2008	L & D Contracting		327290	165ASB	25.14 t
25 / 01 / 2008	L & D Contracting		327292	165ASB	23.94 t
25 / 01 / 2008	L & D Contracting		327294	165ASB	23.22 t
25 / 01 / 2008	L & D Contracting		327295	165ASB	27.34 t
25 / 01 / 2008	L & D Contracting		327298	165ASB	25.50 t
25 / 01 / 2008	L & D Contracting		327299	165ASB	16.14 t
25 / 01 / 2008	L & D Contracting		327301	165ASB	28.76 t
25 / 01 / 2008	L & D Contracting		327312	165ASB	26.40 t
25 / 01 / 2008	L & D Contracting		327315	165ASB	24.62 t
25 / 01 / 2008	L & D Contracting		327322	165ASB	29.56 t
25 / 01 / 2008	L & D Contracting		327280	165ASB	16.70 t
29 / 01 / 2008	L & D Contracting		327483	165ASB	29.48 t
29 / 01 / 2008	L & D Contracting		327484	165ASB	26.72 t
29 / 01 / 2008	L & D Contracting		327485	165ASB	27.58 t
29 / 01 / 2008	L & D Contracting		327486	165ASB	25.92 t
29 / 01 / 2008	L & D Contracting		327487	165ASB	34.72 t
29 / 01 / 2008	L & D Contracting		327488	165ASB	35.04 t
29 / 01 / 2008	L & D Contracting		327489	165ASB	27.22 t
29 / 01 / 2008	L & D Contracting		327490	165ASB	21.22 t
29 / 01 / 2008	L & D Contracting		327478	165ASB	28.94 t
Page Load Count		44 loads	Page Subtotal		1,139.85 t



Wattle Glen Landfill Facility

L & D Contracting

119 Sandmere Road, Pinkenba Remediation

Asbestos Contaminated Soil, Unlined Landfill Disposal

Reporting Period

Start Date: 04.07.07

End Date: 31.01.08

Access Code: 165ASB

Date Delivered	Customer Company Name	Truck Rego	Trans. Number	Bridge Code (Material ID)	Tonnage Delivered
Total Load Count		322 loads	REPORT TOTAL		8,139.05 t
29 / 01 / 2008	L & D Contracting	s.78B(2)	327491	165ASB	22.54 t
29 / 01 / 2008	L & D Contracting		327493	165ASB	30.64 t
29 / 01 / 2008	L & D Contracting		327494	165ASB	28.62 t
29 / 01 / 2008	L & D Contracting		327496	165ASB	19.36 t
29 / 01 / 2008	L & D Contracting		327497	165ASB	17.66 t
29 / 01 / 2008	L & D Contracting		327498	165ASB	22.66 t
29 / 01 / 2008	L & D Contracting		327499	165ASB	27.64 t
29 / 01 / 2008	L & D Contracting		327500	165ASB	23.24 t
29 / 01 / 2008	L & D Contracting		327501	165ASB	27.26 t
29 / 01 / 2008	L & D Contracting		327503	165ASB	29.08 t
29 / 01 / 2008	L & D Contracting		327504	165ASB	28.50 t
29 / 01 / 2008	L & D Contracting		327508	165ASB	23.46 t
29 / 01 / 2008	L & D Contracting		327510	165ASB	24.82 t
29 / 01 / 2008	L & D Contracting		327513	165ASB	24.88 t
29 / 01 / 2008	L & D Contracting		327515	165ASB	22.08 t
29 / 01 / 2008	L & D Contracting		327518	165ASB	19.52 t
29 / 01 / 2008	L & D Contracting		327519	165ASB	21.60 t
29 / 01 / 2008	L & D Contracting		327523	165ASB	26.14 t
29 / 01 / 2008	L & D Contracting		327526	165ASB	22.56 t
29 / 01 / 2008	L & D Contracting		327527	165ASB	33.28 t
29 / 01 / 2008	L & D Contracting		327528	165ASB	23.86 t
29 / 01 / 2008	L & D Contracting		327532	165ASB	31.78 t
29 / 01 / 2008	L & D Contracting		327539	165ASB	27.44 t
29 / 01 / 2008	L & D Contracting		327542	165ASB	25.24 t
29 / 01 / 2008	L & D Contracting		327564	165ASB	28.72 t
29 / 01 / 2008	L & D Contracting		327566	165ASB	31.42 t
29 / 01 / 2008	L & D Contracting		327567	165ASB	28.94 t
29 / 01 / 2008	L & D Contracting		327492	165ASB	26.64 t
29 / 01 / 2008	L & D Contracting		327571	165ASB	30.68 t
29 / 01 / 2008	L & D Contracting		327573	165ASB	22.86 t
29 / 01 / 2008	L & D Contracting		327574	165ASB	24.32 t
29 / 01 / 2008	L & D Contracting		327575	165ASB	21.16 t
29 / 01 / 2008	L & D Contracting		327577	165ASB	24.20 t
29 / 01 / 2008	L & D Contracting		327578	165ASB	26.90 t
29 / 01 / 2008	L & D Contracting		327580	165ASB	24.00 t
29 / 01 / 2008	L & D Contracting		327581	165ASB	27.52 t
29 / 01 / 2008	L & D Contracting		327582	165ASB	22.00 t
29 / 01 / 2008	L & D Contracting		327584	165ASB	31.94 t
29 / 01 / 2008	L & D Contracting		327586	165ASB	23.60 t
29 / 01 / 2008	L & D Contracting		327587	165ASB	24.72 t
29 / 01 / 2008	L & D Contracting		327590	165ASB	21.56 t
29 / 01 / 2008	L & D Contracting		327594	165ASB	29.10 t
29 / 01 / 2008	L & D Contracting		327607	165ASB	28.50 t
29 / 01 / 2008	L & D Contracting		327610	165ASB	25.04 t
Page Load Count		44 loads	Page Subtotal		1,127.68 t



ENVIRONMENTAL SERVICES

Wattle Glen Landfill Facility

L & D Contracting

119 Sandmere Road, Pinkenba Remediation

Asbestos Contaminated Soil, Unlined Landfill Disposal

Reporting Period

Start Date: 04.07.07

End Date: 31.01.08

Access Code: 165ASB

Date Delivered	Customer Company Name	Truck Rego	Trans. Number	Bridge Code (Material ID)	Tonnage Delivered
Total Load Count		322 loads	REPORT TOTAL		8,139.05 t
29 / 01 / 2008	L & D Contracting	s.78B(2)	327611	165ASB	23.16 t
29 / 01 / 2008	L & D Contracting		327625	165ASB	27.88 t
29 / 01 / 2008	L & D Contracting		327628	165ASB	29.18 t
29 / 01 / 2008	L & D Contracting		327632	165ASB	27.76 t
29 / 01 / 2008	L & D Contracting		327634	165ASB	33.46 t
29 / 01 / 2008	L & D Contracting		327637	165ASB	29.34 t
29 / 01 / 2008	L & D Contracting		327640	165ASB	26.64 t
29 / 01 / 2008	L & D Contracting		327642	165ASB	32.24 t
29 / 01 / 2008	L & D Contracting		327644	165ASB	23.82 t
29 / 01 / 2008	L & D Contracting		327648	165ASB	27.94 t
29 / 01 / 2008	L & D Contracting		327649	165ASB	18.42 t
29 / 01 / 2008	L & D Contracting		327655	165ASB	30.54 t
29 / 01 / 2008	L & D Contracting		327658	165ASB	23.90 t
29 / 01 / 2008	L & D Contracting		327664	165ASB	24.52 t
29 / 01 / 2008	L & D Contracting		327665	165ASB	24.10 t
29 / 01 / 2008	L & D Contracting		327666	165ASB	23.24 t
29 / 01 / 2008	L & D Contracting		327670	165ASB	28.64 t
29 / 01 / 2008	L & D Contracting		327671	165ASB	25.82 t
29 / 01 / 2008	L & D Contracting		327673	165ASB	35.04 t
29 / 01 / 2008	L & D Contracting		327674	165ASB	24.42 t
29 / 01 / 2008	L & D Contracting		327675	165ASB	17.04 t
29 / 01 / 2008	L & D Contracting		327676	165ASB	24.08 t
29 / 01 / 2008	L & D Contracting		327677	165ASB	25.24 t
29 / 01 / 2008	L & D Contracting		327678	165ASB	23.62 t
29 / 01 / 2008	L & D Contracting		327680	165ASB	22.60 t
29 / 01 / 2008	L & D Contracting		327681	165ASB	26.18 t
29 / 01 / 2008	L & D Contracting		327685	165ASB	19.90 t
29 / 01 / 2008	L & D Contracting		327686	165ASB	21.56 t
29 / 01 / 2008	L & D Contracting		327688	165ASB	28.44 t
29 / 01 / 2008	L & D Contracting		327691	165ASB	20.04 t
29 / 01 / 2008	L & D Contracting		327696	165ASB	23.40 t
29 / 01 / 2008	L & D Contracting		327697	165ASB	25.06 t
29 / 01 / 2008	L & D Contracting		327700	165ASB	20.60 t
29 / 01 / 2008	L & D Contracting		327703	165ASB	33.48 t
29 / 01 / 2008	L & D Contracting		327706	165ASB	31.96 t
29 / 01 / 2008	L & D Contracting		327707	165ASB	24.74 t
29 / 01 / 2008	L & D Contracting		327711	165ASB	32.36 t
29 / 01 / 2008	L & D Contracting		327714	165ASB	26.12 t
29 / 01 / 2008	L & D Contracting		327715	165ASB	23.96 t
29 / 01 / 2008	L & D Contracting		327717	165ASB	27.80 t
29 / 01 / 2008	L & D Contracting		327719	165ASB	36.96 t
29 / 01 / 2008	L & D Contracting		327721	165ASB	23.38 t
29 / 01 / 2008	L & D Contracting		327723	165ASB	31.32 t
29 / 01 / 2008	L & D Contracting		327724	165ASB	28.26 t
Page Load Count		44 loads	Page Subtotal		1,158.16 t



ENVIRONMENTAL SERVICES

Wattle Glen Landfill Facility

L & D Contracting

119 Sandmere Road, Pinkenba Remediation

Asbestos Contaminated Soil, Unlined Landfill Disposal

Reporting Period

Start Date: 04.07.07

End Date: 31.01.08

Access Code: 165ASB

Date Delivered	Customer Company Name	Truck Rego	Trans. Number	Bridge Code (Material ID)	Tonnage Delivered
Total Load Count		322 loads	REPORT TOTAL		8,139.05 t
29 / 01 / 2008	L & D Contracting	s.78B(2)	327570	165ASB	30.10 t
30 / 01 / 2008	L & D Contracting		327736	165ASB	23.42 t
30 / 01 / 2008	L & D Contracting		327739	165ASB	27.28 t
30 / 01 / 2008	L & D Contracting		327741	165ASB	19.42 t
30 / 01 / 2008	L & D Contracting		327746	165ASB	25.46 t
30 / 01 / 2008	L & D Contracting		327747	165ASB	26.52 t
30 / 01 / 2008	L & D Contracting		327748	165ASB	32.38 t
30 / 01 / 2008	L & D Contracting		327749	165ASB	28.10 t
30 / 01 / 2008	L & D Contracting		327752	165ASB	23.66 t
30 / 01 / 2008	L & D Contracting		327754	165ASB	23.22 t
30 / 01 / 2008	L & D Contracting		327755	165ASB	32.38 t
30 / 01 / 2008	L & D Contracting		327756	165ASB	26.76 t
30 / 01 / 2008	L & D Contracting		327758	165ASB	25.12 t
30 / 01 / 2008	L & D Contracting		327771	165ASB	26.24 t
30 / 01 / 2008	L & D Contracting		327793	165ASB	25.96 t
30 / 01 / 2008	L & D Contracting		327743	165ASB	26.34 t
30 / 01 / 2008	L & D Contracting		327806	165ASB	26.54 t
30 / 01 / 2008	L & D Contracting		327808	165ASB	23.42 t
30 / 01 / 2008	L & D Contracting		327810	165ASB	28.00 t
30 / 01 / 2008	L & D Contracting		327811	165ASB	26.84 t
30 / 01 / 2008	L & D Contracting		327813	165ASB	25.86 t
30 / 01 / 2008	L & D Contracting		327819	165ASB	25.08 t
30 / 01 / 2008	L & D Contracting		327821	165ASB	25.40 t
30 / 01 / 2008	L & D Contracting		327823	165ASB	22.72 t
30 / 01 / 2008	L & D Contracting		327825	165ASB	29.66 t
30 / 01 / 2008	L & D Contracting		327798	165ASB	26.28 t
30 / 01 / 2008	L & D Contracting		327829	165ASB	24.40 t
30 / 01 / 2008	L & D Contracting		327832	165ASB	25.20 t
30 / 01 / 2008	L & D Contracting		327849	165ASB	31.00 t
30 / 01 / 2008	L & D Contracting		327852	165ASB	24.10 t
30 / 01 / 2008	L & D Contracting		327853	165ASB	23.75 t
30 / 01 / 2008	L & D Contracting		327856	165ASB	25.50 t
30 / 01 / 2008	L & D Contracting		327861	165ASB	27.10 t
30 / 01 / 2008	L & D Contracting		327863	165ASB	24.85 t
30 / 01 / 2008	L & D Contracting		327864	165ASB	26.70 t
30 / 01 / 2008	L & D Contracting		327865	165ASB	25.30 t
30 / 01 / 2008	L & D Contracting		327867	165ASB	23.65 t
30 / 01 / 2008	L & D Contracting		327868	165ASB	25.35 t
30 / 01 / 2008	L & D Contracting		327869	165ASB	18.45 t
30 / 01 / 2008	L & D Contracting		327870	165ASB	19.35 t
30 / 01 / 2008	L & D Contracting		327875	165ASB	29.50 t
30 / 01 / 2008	L & D Contracting		327879	165ASB	30.65 t
30 / 01 / 2008	L & D Contracting		327883	165ASB	27.70 t
30 / 01 / 2008	L & D Contracting		327889	165ASB	29.35 t

Page Load Count 44 loads

Page Subtotal 1,144.06 t



Wattle Glen Landfill Facility

L & D Contracting

119 Sandmere Road, Pinkenba Remediation

Asbestos Contaminated Soil, Unlined Landfill Disposal

Reporting Period

Start Date: 04.07.07

End Date: 31.01.08

Access Code: 165ASB

Date Delivered	Customer Company Name	Truck Rego	Trans. Number	Bridge Code (Material ID)	Tonnage Delivered
Total Load Count		322 loads	REPORT TOTAL		8,139.05 t
30 / 01 / 2008	L & D Contracting	s.78B(2)	327897	165ASB	27.00 t
30 / 01 / 2008	L & D Contracting		327904	165ASB	25.18 t
30 / 01 / 2008	L & D Contracting		327905	165ASB	30.24 t
30 / 01 / 2008	L & D Contracting		327906	165ASB	28.74 t
30 / 01 / 2008	L & D Contracting		327908	165ASB	25.82 t
30 / 01 / 2008	L & D Contracting		327912	165ASB	27.88 t
30 / 01 / 2008	L & D Contracting		327915	165ASB	24.76 t
30 / 01 / 2008	L & D Contracting		327917	165ASB	26.86 t
30 / 01 / 2008	L & D Contracting		327920	165ASB	20.56 t
30 / 01 / 2008	L & D Contracting		327921	165ASB	24.56 t
30 / 01 / 2008	L & D Contracting		327924	165ASB	21.40 t
30 / 01 / 2008	L & D Contracting		327928	165ASB	28.76 t
30 / 01 / 2008	L & D Contracting		327933	165ASB	34.58 t
30 / 01 / 2008	L & D Contracting		327936	165ASB	28.44 t
30 / 01 / 2008	L & D Contracting		327827	165ASB	30.30 t
31 / 01 / 2008	L & D Contracting		327950	165ASB	28.96 t
31 / 01 / 2008	L & D Contracting		327953	165ASB	25.04 t
31 / 01 / 2008	L & D Contracting		327955	165ASB	26.76 t
31 / 01 / 2008	L & D Contracting		327960	165ASB	21.46 t
31 / 01 / 2008	L & D Contracting		327961	165ASB	28.14 t
31 / 01 / 2008	L & D Contracting		327962	165ASB	27.36 t
31 / 01 / 2008	L & D Contracting		327963	165ASB	23.74 t
31 / 01 / 2008	L & D Contracting		327965	165ASB	27.78 t
31 / 01 / 2008	L & D Contracting		327967	165ASB	30.76 t
31 / 01 / 2008	L & D Contracting		327973	165ASB	25.14 t
31 / 01 / 2008	L & D Contracting		327975	165ASB	32.72 t
31 / 01 / 2008	L & D Contracting		327983	165ASB	25.30 t
31 / 01 / 2008	L & D Contracting		327984	165ASB	26.88 t
31 / 01 / 2008	L & D Contracting		328003	165ASB	28.86 t
31 / 01 / 2008	L & D Contracting		328004	165ASB	24.58 t
31 / 01 / 2008	L & D Contracting		328007	165ASB	41.46 t
31 / 01 / 2008	L & D Contracting		328008	165ASB	24.52 t
31 / 01 / 2008	L & D Contracting		328010	165ASB	25.82 t
31 / 01 / 2008	L & D Contracting		328012	165ASB	30.32 t
31 / 01 / 2008	L & D Contracting		328013	165ASB	29.06 t
31 / 01 / 2008	L & D Contracting		328015	165ASB	28.72 t
31 / 01 / 2008	L & D Contracting		328016	165ASB	24.12 t
31 / 01 / 2008	L & D Contracting		328018	165ASB	21.44 t
31 / 01 / 2008	L & D Contracting		328022	165ASB	24.38 t
31 / 01 / 2008	L & D Contracting		328024	165ASB	20.68 t
31 / 01 / 2008	L & D Contracting		328025	165ASB	19.50 t
31 / 01 / 2008	L & D Contracting		328033	165ASB	24.06 t
31 / 01 / 2008	L & D Contracting		328043	165ASB	29.98 t
31 / 01 / 2008	L & D Contracting		328044	165ASB	26.30 t

Page Load Count 44 loads

Page Subtotal 1,178.92 t



ENVIRONMENTAL SERVICES

Wattle Glen Landfill Facility

L & D Contracting

119 Sandmere Road, Pinkenba Remediation

Asbestos Contaminated Soil, Unlined Landfill Disposal

Access Code: 165ASB

Reporting Period

Start Date: 04.07.07

End Date: 31.01.08

Date Delivered	Customer Company Name	Truck Rego	Trans. Number	Bridge Code (Material ID)	Tonnage Delivered
Total Load Count		322 loads	REPORT TOTAL		8,139.05 t
31 / 01 / 2008	L & D Contracting	s.78B(2)	328046	165ASB	22.86 t
31 / 01 / 2008	L & D Contracting		328049	165ASB	28.26 t
31 / 01 / 2008	L & D Contracting		328050	165ASB	26.96 t
31 / 01 / 2008	L & D Contracting		328053	165ASB	26.94 t
31 / 01 / 2008	L & D Contracting		328057	165ASB	22.68 t
31 / 01 / 2008	L & D Contracting		328059	165ASB	24.70 t
31 / 01 / 2008	L & D Contracting		328061	165ASB	15.48 t
31 / 01 / 2008	L & D Contracting		328062	165ASB	22.60 t
31 / 01 / 2008	L & D Contracting		328073	165ASB	22.16 t
31 / 01 / 2008	L & D Contracting		328074	165ASB	22.02 t
31 / 01 / 2008	L & D Contracting		328078	165ASB	20.12 t
31 / 01 / 2008	L & D Contracting		328084	165ASB	23.30 t
31 / 01 / 2008	L & D Contracting		328093	165ASB	29.80 t
31 / 01 / 2008	L & D Contracting		328096	165ASB	24.34 t

ERROR

Page Load Count

14 loads

Page Subtotal

332.22 t



ENVIRONMENTAL SERVICES

Wattle Glen Landfill Facility

L & D Contracting

119 Sandmere Road, Pinkenba Remediation

Contaminated Soil, Unlined Landfill Disposal

Reporting Period

Start Date: 11.09.07

End Date: 21.09.07

Access Code: 165FIB

Date Delivered	Customer Company Name	Truck Rego	Trans. Number	Bridge Code (Material ID)	Tonnage Delivered
Total Load Count		86 loads	REPORT TOTAL		2,251.79 t
11 / 09 / 2007	L & D Contracting	s.78B(2)	96896	165FIB	24.24 t
11 / 09 / 2007	L & D Contracting		311606	165FIB	23.84 t
11 / 09 / 2007	L & D Contracting		311607	165FIB	24.26 t
11 / 09 / 2007	L & D Contracting		311625	165FIB	23.72 t
11 / 09 / 2007	L & D Contracting		311627	165FIB	30.12 t
11 / 09 / 2007	L & D Contracting		311629	165FIB	28.52 t
11 / 09 / 2007	L & D Contracting		311633	165FIB	25.12 t
11 / 09 / 2007	L & D Contracting		311635	165FIB	26.28 t
11 / 09 / 2007	L & D Contracting		311637	165FIB	31.98 t
11 / 09 / 2007	L & D Contracting		311638	165FIB	23.30 t
11 / 09 / 2007	L & D Contracting		311640	165FIB	24.68 t
11 / 09 / 2007	L & D Contracting		311647	165FIB	25.00 t
11 / 09 / 2007	L & D Contracting		311649	165FIB	25.64 t
11 / 09 / 2007	L & D Contracting		9994333	165FIB	24.84 t
11 / 09 / 2007	L & D Contracting		9994394	165FIB	22.42 t
11 / 09 / 2007	L & D Contracting		9994349	165FIB	29.42 t
11 / 09 / 2007	L & D Contracting		9994348	165FIB	22.52 t
11 / 09 / 2007	L & D Contracting		9994344	165FIB	25.80 t
11 / 09 / 2007	L & D Contracting		9994342	165FIB	27.48 t
11 / 09 / 2007	L & D Contracting		9994340	165FIB	20.70 t
11 / 09 / 2007	L & D Contracting		9994337	165FIB	31.22 t
11 / 09 / 2007	L & D Contracting		9994336	165FIB	24.72 t
11 / 09 / 2007	L & D Contracting		9994335	165FIB	17.98 t
11 / 09 / 2007	L & D Contracting		980949	165FIB	29.52 t
11 / 09 / 2007	L & D Contracting		980950	165FIB	34.64 t
11 / 09 / 2007	L & D Contracting		986853	165FIB	27.52 t
11 / 09 / 2007	L & D Contracting		986858	165FIB	19.04 t
11 / 09 / 2007	L & D Contracting		986859	165FIB	34.46 t
11 / 09 / 2007	L & D Contracting		986861	165FIB	24.68 t
11 / 09 / 2007	L & D Contracting		986865	165FIB	20.98 t
11 / 09 / 2007	L & D Contracting		986866	165FIB	25.36 t
11 / 09 / 2007	L & D Contracting		986871	165FIB	25.14 t
11 / 09 / 2007	L & D Contracting		986876	165FIB	27.58 t
11 / 09 / 2007	L & D Contracting		986880	165FIB	20.74 t
11 / 09 / 2007	L & D Contracting		986886	165FIB	24.10 t
11 / 09 / 2007	L & D Contracting		986888	165FIB	26.20 t
11 / 09 / 2007	L & D Contracting		986890	165FIB	26.34 t
11 / 09 / 2007	L & D Contracting		986895	165FIB	30.34 t
11 / 09 / 2007	L & D Contracting		994328	165FIB	29.66 t
11 / 09 / 2007	L & D Contracting		994329	165FIB	29.88 t
11 / 09 / 2007	L & D Contracting		994332	165FIB	27.40 t
11 / 09 / 2007	L & D Contracting		994363	165FIB	28.46 t
11 / 09 / 2007	L & D Contracting		994365	165FIB	31.56 t
11 / 09 / 2007	L & D Contracting		994367	165FIB	26.64 t
Page Load Count		44 loads	Page Subtotal		1,154.04 t



Wattle Glen Landfill Facility



L & D Contracting

119 Sandmere Road, Pinkenba

Contaminated Soil, Unlined Landfill Disposal

Reporting Period

Start Date: 1/03/2012

End Date: 30/03/2012

Access Code: 165FIB

Date Delivered	Customer Company Name	Truck Rego	Trans. Number	Bridge Code (Material ID)	Tonnage Delivered
Total Load Count		3 loads	REPORT TOTAL		90.78
02/03/2012	L & D Contracting	s.78B(2)	302450	165FIB	30.84 t
02/03/2012	L & D Contracting		302452	165FIB	31.66 t
02/03/2012	L & D Contracting		302453	165FIB	28.28 t

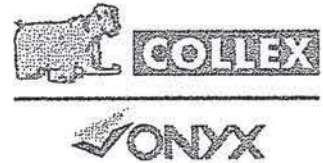
Published on DES Disclosure Log
RTI Act 2009

Page Load Count: 3 loads

Page Subtotal

90.78

Page 1 of 1



TO: s.73 irrelevant information

COMPANY: Butler Partners Pty Ltd (for L & D Contracting Pty Ltd)

FAX NO: 07 3852 3808

TEL NO: 07 3852 3800

MOB NO:

FROM: s.73 irrelevant information

-- DATE: -- October 21, 2005

SUBJECT: Acceptance Letter for Additional Contaminated Soil from the Asbestos Soil Removal Project, Pinkenba
REVISION: 01.1

REF: 05-0112 Q R01.1 TOTAL PAGES SENT (including cover page): 4

If there have been any problems receiving this transmission PLEASE CONTACT US IMMEDIATELY

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s.73 irreleva

Pleased find attached a copy of Collex's acceptance letter for the disposal of the above material, as requested.

If you wish to proceed or there is any additional information you require please do not hesitate to contact me on the numbers listed below.

Regards, s.73 irrelevant information

s.73 irrelevant informati

Environmental Services & Remediation Manager

Tel: 07 3275 0164

Mob: s.73 irrelevant inf

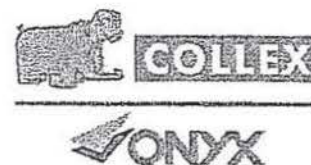
Fax: 07 3275 0101

email: s.73 irrelev@collex.com.au

7,433.88 T

COLLEX Pty Ltd A.B.N. 20 051 316 584
166 Boundary Road, Rocklea, QLD, 4106, Australia
P.O. Box 933, Archerfield QLD, 4108
Telephone: (07) 3275 0111
Facsimile: (07) 3275 2303





September 20, 2005

Ref: 05-0112 SUD

Butler Partners Pty Ltd
PO Box 2267
FORTITUDE VALLEY BC QLD 4006

Unlined Landfill Disposal

Attention: s.73 irrelevant information

Reference: Acceptance of ADDITIONAL Contaminated Soils from the Asbestos Soil Removal Project, Pinkenba at 119 Sandmere Road, Pinkenba, Qld for Unlined Landfill Disposal at Wattle Glen Landfill Facility.

Dear s.73 irrelevant

We refer to the recent correspondence dated 19 September 2005 and communications on the 21 October 2005, relating to an additional 2,000m³ (approximately) of contaminated material arising from the above site. This now increases the volume of material expected from this site from 3,000m³ to 5,000m³. Collex has reviewed the information provided and can confirm that this material is acceptable for disposal at our Wattle Glen Landfill Facility.

The nominated site for unlined disposal of the approved material is the Collex Pty Ltd landfill at Wattle Glen Landfill, Halletts Road / Patrick St and Greenwood Village Road, Redbank Plains, Qld 4031. The real property description of this site for EPA verification is Lot 288 on S31235 and Lot 1 on RP885033, County of Stanley, Parish of Bundamba.

Acceptance is subject to the following conditions:

1. Each load of material must be wetted with water (if necessary) and covered prior to transportation for suppression of dusts.
2. EPA must approve the disposal of the material at Wattle Glen and confirm this by issuing a section 424 permit.
3. The soil must not contain any other contaminants in exceedance of the limits given in schedule G of the concurrence agency response to our Development Approval, which has been sent to you previously.
4. The haulage contractor and relevant truck registration numbers (if not supplied by Collex) must be notified to us in advance of waste delivery to allow pre-registration on the site's weighbridge system. A confidential job specific authorisation code (waste code) will be issued on your confirmation of EPA approval, for use in conjunction with the attached procedure.

COLLEX Pty Ltd A.B.N. 20 051 316 584
166 Boundary Road, Rocklea, QLD, 4106, Australia
P.O. Box 933, Archerfield QLD, 4108
Telephone: (07) 3275 0111
Facsimile: (07) 3275 2303
18-463





If there is any additional information you require please do not hesitate to contact myself on the numbers listed below.

Yours Sincerely,

s.73 irrelevant information

s.73 irrelevant inform

Environmental Services & Remediation Manager

Tel: 07 3275 0164

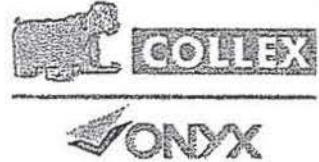
Mob: s.73 irrelevant

Fax: 07 3275 0101

email: s.73 irrele@collex.com.au

COLLEX Pty Ltd A.B.N. 20 051 316 584
166 Boundary Road, Rocklea, QLD, 4106, Australia
P.O. Box 933, Archerfield QLD, 4108
Telephone: (07) 3275 0111
Facsimile: (07) 3275 2303





PROCEDURE FOR USING WATTLE GLEN UNMANNED WEIGHBRIDGE

CUSTOMER: L & D Contracting - Asbestos Soil Removal Project, Pinkenba
UNLINED LANDFILL DIPOSAL

TRANSPORT: Timms Haulage Pty Ltd

DESCRIPTION: CHURINGA INVEST SOIL ASB SOIL

1. When weighbridge is unoccupied and the green light is lit, drive slowly onto the weighbridge, and align your cab with the inbound driver control station.
2. The screen will prompt you to type in your vehicle rego, and press ACCEPT.
3. If prompted, type in the waste code, and press ACCEPT

Bridge Code relevant to you is:

165

4. The screen will display your selection. If correct press ACCEPT again.
5. A printed docket will be produced which must be signed, taken and presented to the Dozer operator at the working face. You will be asked for your cubic metre volume to be written on this docket.
6. After tipping your load, return to the weighbridge. Drive onto the weighbridge when it is unoccupied and the green light is lit. Align your cab with the outbound driver control station.
7. The screen will prompt you to type in your vehicle rego and press ACCEPT

This completes the transaction and produces a completed docket for you to take away.

CAUTION:

- A. The traffic lights are not to control inbound and outbound traffic. A green light means that the bridge is zeroed and can be driven onto. Consequently it shows green at both ends at the same time.

Please give way to outbound traffic.

- B. If the screen at the driver Control Station does not prompt you with instructions, or respond to your entry, you should reverse off the bridge, wait for a green light and try again.
- C. A transaction can only be finalised IF your vehicle is fully on the weighbridge. If you put front or rear wheels on the ramps no docket can be printed.
- D. No inbound docket, or incorrect inbound docket, means no tip.

COLLEX Pty Ltd A.B.N. 20 051 316 584
166 Boundary Road, Rocklea, QLD. 4106, Australia
P.O. Box 933, Archerfield QLD. 4108
Telephone: (07) 3275 0111
Facsimile: (07) 3275 2303





Collex Pty Ltd ABN 20 051 316 584
Queensland Office 166 Boundary Road, Rocklea QLD 4106 Tel +61 7 3275 0111 Fax +61 7 3275 2303

FAX

To s.73 irrelevant info (07 3865 2349) Date 16th July, 2009

Organisation L & D Contracting Pty Ltd Fax No 07 3865 1180

Town/Country Geebung Qld 4034 Total Pages Sent 4

From Daniela Lacerda (07 3275 0154)

Subject Acceptance Letter for ADDITIONAL Contaminated Soil from the Asbestos Soil Removal Project, Pinkenba

☐ Urgent ☐ For Review ☐ Please Comment ☐ Please Reply ☐ Please Recycle

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s.73 irrele

Pleased find attached a copy of Veolia Environmental acceptance letter/s for the disposal of the above material, as requested.

PLEASE NOTE: A weighbridge code will be issued upon receipt of appropriate purchase or work order documentation. A fax or digital copy is satisfactory.

If you wish to proceed or there is any additional information you require please do not hesitate to contact me on the numbers listed below.

Regards,

s.73 irrelevant information

s.73 irrelevant informat

Environmental Officer - Resource Recovery Services

Tel: 07 3275 0154

Mob: s.73 irrelevant i

Fax: 07 3275 0101

email: s.73 irrelevant info@veoliaes.com.au
qld.env.services@veolies.com.au





July 16th, 2009

Ref: 05-0112 SUD
Unlined Landfill Disposal

L & D Contracting Pty Ltd
210 Robinson Road
GEEBUNG QLD

4034

Attention: s.73 irrelevant inform

Reference: Acceptance of ADDITIONAL Contaminated Soil
from the Asbestos Soil Removal Project,
Pinkenba at 119 Sandmere Road, Pinkenba, Qld
for Unlined Landfill Disposal at Wattle Glen
Landfill Facility.

Dear s.73 irrel

We refer to the recent correspondence dated 13th of July 2009, relating to an additional 6,000m³ (approximately) of contaminated material arising from the above site. This now increases the volume of material expected from this site from 6,500m³ to 12,500m³. Veolia has reviewed the information provided and can confirm that this material is acceptable for disposal at our Wattle Glen Landfill Facility.

The nominated site for unlined disposal of the approved material is the Veolia Pty Ltd landfill at Wattle Glen Landfill, Halletts Road / Patrick St and Greenwood Village Road, Redbank Plains, Qld 4031. The real property description of this site for EPA verification is Lot 288 on S31235 and Lot 1 on RP885033, County of Stanley, Parish of Bundamba.

Acceptance is subject to the following conditions:

1. Each load of material must be wetted with water (if necessary) and covered prior to transportation for suppression of dusts.
2. EPA must approve the disposal of the material at Wattle Glen Landfill Facility and confirm this by issuing a section 424 permit, or confirmation that a removal permit is not applicable.
3. The soil must not contain any other contaminants in exceedance of the limits given in schedule G of the concurrence agency response to our Development Approval, which has been sent to you previously.
4. The haulage contractor and relevant truck registration numbers (if not supplied by Veolia) must be notified to us in advance of waste delivery to allow pre-registration on the site's weighbridge system. A confidential job specific authorisation code (waste code) will be issued on your confirmation of EPA approval, for use in conjunction with the attached procedure.



If there is any additional information you require please do not hesitate to contact myself on the numbers listed below.

Yours Sincerely,

s.73 irrelevant information

Environmental Officer - Resource Recovery Services

Tel: 07 3275 0154

Mob: s.73 irrelevant

Fax: 07 3275 0101

email: s.73 irrelevant info@veoliaes.com.au
qld.env.services@veolies.com.au



PROCEDURE FOR USING WATTLE GLEN UNMANNED WEIGHBRIDGE

CUSTOMER: L & D Contracting - Asbestos Soil Removal Project, Pinkenba
UNLINED LANDFILL DISPOSAL

TRANSPORT: Timms Haulage Pty Ltd

DESCRIPTION: VES L&D PINKENBA ASB SOIL

1.	Drive onto Weighbridge	When weighbridge is unoccupied and the green light is lit, drive slowly onto the weighbridge, and align your cab with the inbound Driver Control Station (DCS).
2.	Weighing In	When the DCS Screen prompts you, use the keypad to type in your vehicle rego Beware of the difference between 0 (number zero) and O (letter)
3.	Accept	Push the accept Button
4.	Bridge Code	This screen will prompt to type in the waste code. 1 6 5 A S B
5.	Accept	Push the accept Button
6.	Remove Docket	Wait for docket to print. Remove Docket and proceed to the landfill.
7.	Prior to Tipping	The printed docket must be signed, taken and presented to the operator at the working face.
8.	After tipping	Return to the weighbridge.
9.	Drive onto Weighbridge	When it is unoccupied and the green light is lit. Align your cab with the outbound Driver Control Station.
10.	Weighing Out	Enter Vehicle Rego
11.	Accept	Push the accept Button
12.	Remove Docket	Remove Docket and Drive on. Transaction Completed

CAUTION:

Please give way to outbound traffic.

- A. The Traffic lights are not to control inbound & outbound traffic. A green light means that the bridge is zeroed and can be driven onto. Consequently it shows green at both ends at the same time.
- B. If the screen at the driver Control Station does not prompt you with instructions, or respond to your entry, you should reverse off the bridge, wait for a green light and try again.
- C. A transaction can only be finalised IF your vehicle is fully on the weighbridge. If you put front or rear wheels on the ramps no docket can be printed.
- D. No inbound docket, or incorrect inbound docket, means no tip.





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RTI Act 2009



*Proposed Industrial Development
119 Sandmere Road, Pinkenba
Project No.: 05210
28 May 2012*

APPENDIX E

LABORATORY REPORTS

Published on DES Disclosure Log
RTI Act 2009



**Parsons
Brinckerhoff**

12th Floor, IBM Centre
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Brisbane QLD 4000
GPO Box 2907
Brisbane QLD 4001
Australia
Telephone +61 7 3218 2222
Facsimile +61 7 3831 4223
Email brisbane@pb.com.au

ABN 84 797 323 433
NCSI Certified Quality System ISO 9001

Certificate of Analysis

CLIENT: Butler Partners
CLIENT ADDRESS: PO Box 2267, Fortitude Valley Q 4006
TELEPHONE: 38523800
FAX: 38523808
CONTACT: s.73 irrelevant
LOCATION: 05210
SAMPLED BY: As Received
TEST METHOD: Qualitative identification of asbestos types in bulk samples at Parsons Brinckerhoff Queensland Laboratory by polarised light microscopy, including dispersion staining techniques using Parsons Brinckerhoff in-house method No.1 and N.A.T.A accreditation No.9607. N.A.T.A. does not accredit sampling.

CERTIFICATE NO 2139079A-2314
DATE SAMPLED: n/a
DATE RECEIVED: 9/10/2006
DATE ANALYSED: 9/10/2006

Lab Number	Client Id	Sample Description	Sample Dimensions cm	Identification Type
M001	B3 - 3	Soil	N/A	NAD
M002	B3 - 6	Soil	N/A	NAD

LEGEND

NAD - No Asbestos Detected
CH - Chrysotile Asbestos Detected
A - Amosite Asbestos Detected
C - Crocidolite Asbestos Detected
UMF - Unknown Mineral Fibres Detected



Approved Identifier

Name: s.73 irrelevant information

Signature

s.73 irrelevant information

Approved Signatory

Name: s.73 irrelevant information

Signature

s.73 irrelevant information

AUTHORISATION DATE

10/10/2006

NB: If no asbestos is detected in vinyl tiles, mastics, sealants, epoxy resins and ore samples then confirmation by another independent analytical technique is advised due to the nature of the samples.

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Engineering Excellence**

Page 1 of 1



**Parsons
Brinckerhoff
Australia
Pty Limited** Level 12, 348 Edward Street
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ABN 80 078 004 798
NCSI Certified Quality System ISO 9001

Certificate of Analysis

CLIENT: Butler Partners
CLIENT ADDRESS: PO Box 2267, Fortitude Valley Q 4006
TELEPHONE: 3852 3800
FAX: 3852 3808
CONTACT: s.73 irrelev
LOCATION: SKW 75
SAMPLED BY: As Received
TEST METHOD: Qualitative identification of asbestos types in bulk samples at Parsons Brinckerhoff Queensland Laboratory by polarised light microscopy, including dispersion staining techniques using Parsons Brinckerhoff in-house method No.1 and N.A.T.A accreditation No.9607. This document is issued in accordance with NATA's accreditation requirements. Accredited for compliance with ISO/IEC:17025.

CERTIFICATE NO 2139079B-2232
DATE SAMPLED: n/a
DATE RECEIVED: 23/05/2007
DATE ANALYSED: 24/05/2007

Lab Number	Sample Id	Sample Description	Sample Dimensions cm	Identification Type
M001	05210 PS1	Fibrous Cement Sheeting	2 x 7	NAD
M002	05210 PS2	Fibrous Cement Sheeting	2 x 4	NAD
M003	05210 PS3	Fibrous Cement Sheeting	3 x 6	NAD
M004	05210 PS4	Fibrous Cement Sheeting	2 x 4	NAD
M005	05210 PS5	Fibrous Cement Sheeting	2 x 3	NAD
M006	05210 PS6	Fibrous Cement Sheeting	2 x 2	NAD
M007	05210 PS7	Fibrous Cement Sheeting	2 x 4	NAD

LEGEND

NAD - No Asbestos Detected
CH - Chrysotile Asbestos Detected
A - Amosite Asbestos Detected
C - Crocidolite Asbestos Detected
UMF - Unknown Mineral Fibres Detected



ACCREDITED FOR
**TECHNICAL
COMPETENCE**

Notes:

If no asbestos is detected in vinyl tiles, mastics, sealants, epoxy resins and ore samples then confirmation by another independent analytical technique is advised due to the nature of the samples.

The results contained within this report relate only to the sample(s) submitted for testing. PB accepts no responsibility for the initial collection, packaging or transportation of samples submitted by external persons. NATA does not accredit sampling. This document may not be reproduced except in full.

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Approved Identifier

Name: s.73 irrelevant inform s.73 irrelevant inform

Signature s.73 irrelevant

Approved Signator

Name: s.73 irrelevant inform s.73 irrelevant inform

Signature

AUTHORISATION DATE

24/05/2007



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ABN 80 078 004 798
NCSI Certified Quality System ISO 9001

Certificate of Analysis

CLIENT: Butler Partners
CLIENT ADDRESS: PO Box 2267, Fortitude Valley Q 4006
TELEPHONE: 3852 3800
FAX: 3852 3808
CONTACT: s.73 irrelev
LOCATION: As Supplied
SAMPLED BY: As Received
TEST METHOD: Qualitative identification of asbestos types in bulk samples at Parsons Brinckerhoff Queensland Laboratory by polarised light microscopy, including dispersion staining techniques using Parsons Brinckerhoff in-house method No.1 and N.A.T.A accreditation No.9607. This document is issued in accordance with NATA's accreditation requirements. Accredited for compliance with ISO/IEC:17025.

CERTIFICATE NO 2139079B-3004
DATE SAMPLED: n/a
DATE RECEIVED: 26/07/2007
DATE ANALYSED: 30/07/2007

Lab Number	Sample Id	Sample Description	Sample Dimensions cm	Identification Type
M001	TS25N-1	Soil	N/A	NAD
M002	TS25N-2	Soil	N/A	NAD
M003	TS25S-1	Soil	N/A	NAD
M004	TS25S-2	Soil	N/A	NAD
M005	TS25E-1	Soil	N/A	NAD
M006	TS25E-2	Soil	N/A	NAD
M007	TS25W-1	Soil	N/A	NAD
M008	TS25W-2	Soil	N/A	NAD

LEGEND

NAD - No Asbestos Detected
CH - Chrysotile Asbestos Detected
A - Amosite Asbestos Detected
C - Crocidolite Asbestos Detected
UMF - Unknown Mineral Fibres Detected



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TECHNICAL
COMPETENCE

Notes:

If no asbestos is detected in vinyl tiles, mastics, sealants, epoxy resins and ore samples then confirmation by another independent analytical technique is advised due to the nature of the samples.

The results contained within this report relate only to the sample(s) submitted for testing. PB accepts no responsibility for the initial collection, packaging or transportation of samples submitted by external persons. NATA does not accredit sampling. This document may not be reproduced except in full.

Approved Identifier

Name: s.73 irrelevant info

Signature s.73 irrelevant information

Approved Signatory

Name: s.73 irrelevant info

Signature

AUTHORISATION DATE

30/07/2007

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ABN 80 078 004 798
NCSI Certified Quality System ISO 9001

Certificate of Analysis

CLIENT: Butler Partners
CLIENT ADDRESS: PO Box 2267, Fortitude Valley Q 4006
TELEPHONE: 38523800
FAX: s.73 irre@butlerpartne
CONTACT: s.73 irrelevant
LOCATION: 05210 - 119 Sandmere Road, Pinkenba - Commercial Development
SAMPLED BY: As Received
TEST METHOD: Qualitative identification of asbestos types in bulk samples at Parsons Brinckerhoff Queensland Laboratory by polarised light microscopy, including dispersion staining techniques using Parsons Brinckerhoff in-house method No.1 and N.A.T.A accreditation No.9607. This document is issued in accordance with NATA's accreditation requirements. Accredited for compliance with ISO/IEC:17025.

CERTIFICATE NO 2139079C-3140
DATE SAMPLED: 21/05/2008
DATE RECEIVED: 29/05/2008
DATE ANALYSED: 6/06/2008

Lab Number	Sample Id	Sample Description	Sample Dimensions cm	Identification Type
M001	A1	Soil	N/A	CH, A
M002	A2	Soil	N/A	NAD
M003	A3	Soil	N/A	CH
M004	A4	Soil	N/A	NAD
M005	A5	Soil	N/A	NAD
M006	B1	Soil	N/A	NAD
M007	B2	Soil	N/A	NAD
M008	B3	Soil	N/A	NAD

LEGEND

NAD - No Asbestos Detected
CH - Chrysotile Asbestos Detected
A - Amosite Asbestos Detected
C - Crocidolite Asbestos Detected
UMF - Unknown Mineral Fibres Detected



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**TECHNICAL
COMPETENCE**

Notes:

If no asbestos is detected in vinyl tiles, mastics, sealants, epoxy resins and ore samples then confirmation by another independent analytical technique is advised due to the nature of the samples.

The results contained within this report relate only to the sample(s) submitted for testing. PB accepts no responsibility for the initial collection, packaging or transportation of samples submitted by external persons. NATA does not accredit sampling. This document may not be reproduced except in full.

Approved Identifier

Name: s.73 irrelevant info
Signature: s.73 irrelevant informatio

Approved Signatory

Name: s.73 irrelevant info
Signature: s.73 irrelevant informatio

AUTHORISATION DATE
6/06/2008



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ABN 80 078 004 798
NCSI Certified Quality System ISO 9001

Certificate of Analysis

Certificate: Butler Partners **Certificate NO:** 2139079C-3140
LOCATION: 05210 - 119 Sandmere Road, Pinkenba - Commercial Development

Lab Number	Sample Id	Sample Description	Sample Dimensions cm	Identification Type
M009	B4	Soil	N/A	CH
M010	B5	Soil	N/A	CH
M011	C3-1	Soil	N/A	CH
M012	C4-1	Soil	N/A	CH
M013	C5-1	Soil	N/A	NAD
M014	C1	Soil	N/A	NAD
M015	C2	Soil	N/A	NAD
M016	D1	Soil	N/A	NAD
M018	D2	Soil	N/A	CH, A
M019	E1	Soil	N/A	NAD
M020	E2	Soil	N/A	NAD

LEGEND

NAD - No Asbestos Detected
CH - Chrysotile Asbestos Detected
A - Amosite Asbestos Detected
C - Crocidolite Asbestos Detected
UMF - Unknown Mineral Fibres Detected



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COMPETENCE**

Notes:

If no asbestos is detected in vinyl tiles, mastics, sealants, epoxy resins and ore samples then confirmation by another independent analytical technique is advised due to the nature of the samples.

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Name: s.73 irrelevant

Signature s.73 irrelevant in

Approved Signatory

Name: s.73 irrelevant

Signature

AUTHORISATION DATE
6/06/2008



Environmental Division

CERTIFICATE OF ANALYSIS

Work Order	: EB0912967	Page	: 1 of 6
Client	: BUTLER PARTNERS PTY LTD	Laboratory	: Environmental Division Brisbane
Contact	: s.73 irrelevant info	Contact	: s.73 irrelevant information
Address	: P O BOX 2267 FORTITUDE VALLEY BC QLD, AUSTRALIA 4006	Address	
E-mail	: s.73 irrele@butlerpartners.com.au	E-mail	: Services.Brisbane@alsenviro.com
Telephone	: +61 38523800	Telephone	: +61-7-3243 7222
Facsimile	: +61 07 38523808	Facsimile	: +61-7-3243 7218
Project	: 05210	QC Level	: NEPM 1999 Schedule B(3) and ALS QCS3 requirement
Order number	: 2007	Date Samples Received	: 18-AUG-2009
C-O-C number	: —	Issue Date	: 25-AUG-2009
Sampler	: s.73 irrelev	No. of samples received	: 16
Site	: Pinkenba	No. of samples analysed	: 16
Quote number	: BN/194/09		

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. All pages of this report have been checked and approved for release.

This Certificate of Analysis contains the following information:

- General Comments
- Analytical Results
- Descriptive Results



NATA Accredited Laboratory 825

This document is issued in
accordance with NATA
accreditation requirements.

Accredited for compliance with
ISO/IEC 17025.

Signatories

This document has been electronically signed by the authorized signatories indicated below. Electronic signing has been carried out in compliance with procedures specified in 21 CFR Part 11.

Signatories

s.73 irrelevant

Position

Analyst

Accreditation Category

Newcastle

Environmental Division Brisbane

Part of the **ALS Laboratory Group**

32 Shand Street Stafford QLD Australia 4053
Tel. +61-7-3243 7222 Fax. +61-7-3243 7218 www.alsglobal.com

A Campbell Brothers Limited Company

Page : 2 of 6
 Work Order : EB0912967
 Client : BUTLER PARTNERS PTY LTD
 Project : 05210



General Comments

The analytical procedures used by the Environmental Division have been developed from established internationally recognized procedures such as those published by the USEPA, APHA, AS and NEPM. In house developed procedures are employed in the absence of documented standards or by client request.

Where moisture determination has been performed, results are reported on a dry weight basis.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis.

Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for processing purposes. If the sampling time is displayed as 0:00 the information was not provided by client.

Key : CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.

LOR = Limit of reporting

^ = This result is computed from individual analyte detections at or above the level of reporting

Asbestos Identification

Samples were analysed by Polarised Light Microscopy including dispersion staining

Legend for Asbestos Type

- Am Amosite (brown asbestos) detected
- Ch Chrysotile (white asbestos) detected
- Cr Crocidolite (blue asbestos) detected
- UMF Unknown mineral fibres detected
- No asbestos fibres detected
- (t) Trace levels detected

Confirmation by alternative techniques is recommended for samples where unknown mineral fibres are detected.

Page : 3 of 6
Work Order : EB0912967
Client : BUTLER PARTNERS PTY LTD
Project : 05210



Analytical Results

Sub-Matrix: SOIL

				Client sample ID	BV1	BV2	BV3	BV4	BV5
				Client sampling date / time	17-AUG-2009 15:00	17-AUG-2009 15:00	17-AUG-2009 15:00	17-AUG-2009 15:00	17-AUG-2009 15:00
Compound	CAS Number	LOR	Unit		EB0912967-001	EB0912967-002	EB0912967-003	EB0912967-004	EB0912967-005
AS 4964 - 2004 Identification of Asbestos in bulk samples									
Asbestos Detected	1332-21-4	0.1	g/kg		Yes	Yes	Yes	Yes	Yes
Asbestos Type	132207-33-1	0.1	g/kg		Ch	Ch	Ch	Ch	Ch
Sample weight (dry)	----	0.01	g		253	174	278	246	304
APPROVED IDENTIFIER:	----	-	-		s.73 irrelevant information				

Page : 4 of 6
Work Order : EB0912967
Client : BUTLER PARTNERS PTY LTD
Project : 05210



Analytical Results

Sub-Matrix: SOIL

				Client sample ID	BV6	BV7	BV8	BV9	BV10
				Client sampling date / time	17-AUG-2009 15:00	17-AUG-2009 15:00	17-AUG-2009 15:00	17-AUG-2009 15:00	17-AUG-2009 15:00
Compound	CAS Number	LOR	Unit		EB0912967-006	EB0912967-007	EB0912967-008	EB0912967-009	EB0912967-010
AS 4964 - 2004 Identification of Asbestos in bulk samples									
Asbestos Detected	1332-21-4	0.1	g/kg		Yes	Yes	Yes	Yes	Yes
Asbestos Type	132207-33-1	0.1	g/kg		Ch	Ch	Ch	Ch	Ch + Am
Sample weight (dry)	---	0.01	g		341	318	337	386	424
APPROVED IDENTIFIER:	---	-	-		s.73 irrelevant information				

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Page : 5 of 6
Work Order : EB0912967
Client : BUTLER PARTNERS PTY LTD
Project : 05210



Analytical Results

Sub-Matrix: SOIL

				Client sample ID	BV11	BV12	BV13	BV14	BV15
				Client sampling date / time	17-AUG-2009 15:00	17-AUG-2009 15:00	17-AUG-2009 15:00	17-AUG-2009 15:00	17-AUG-2009 15:00
Compound	CAS Number	LOR	Unit		EB0912967-011	EB0912967-012	EB0912967-013	EB0912967-014	EB0912967-015
AS 4964 - 2004 Identification of Asbestos in bulk samples									
Asbestos Detected	1332-21-4	0.1	g/kg		Yes	Yes	Yes	Yes	Yes
Asbestos Type	132207-33-1	0.1	g/kg		Ch	Ch	CH + Am	Ch	Ch
Sample weight (dry)	---	0.01	g		422	469	591	497	668
APPROVED IDENTIFIER:	---	-	-		s.73 irrelevant information				

Page 6 of 6
 Work Order EB0912967
 Client BUTLER PARTNERS PTY LTD
 Project 05210



Analytical Results

Sub-Matrix: SOIL

				Client sample ID	BV16	---	---	---	---
				Client sampling date / time	17-AUG-2009 15:00	---	---	---	---
Compound	CAS Number	LOR	Unit		EB0912967-016	---	---	---	---
AS 4964 - 2004 Identification of Asbestos in bulk samples									
Asbestos Detected	1332-21-4	0.1	g/kg	Yes		---	---	---	---
Asbestos Type	132207-33-1	0.1	g/kg	Ch + Am		---	---	---	---
Sample weight (dry)	---	0.01	g	654		---	---	---	---
APPROVED IDENTIFIER:	---	-	-	s.73 irrele		---	---	---	---

Analytical Results

Descriptive Results

Sub-Matrix: SOIL

Method: Compound	Client sample ID - Client sampling date / time	Analytical Results
AS 4964 - 2004 Identification of Asbestos in bulk samples		
EA200: Description	BV1 - 17-AUG-2009 15:00	Four large lumps of dark grey clay, containing some rocks and vegetation roots.
EA200: Description	BV2 - 17-AUG-2009 15:00	Mid grey clay with minor pebbles
EA200: Description	BV3 - 17-AUG-2009 15:00	Grey-brown clayey soil containing plenty of rocks and vegetation fibres.
EA200: Description	BV4 - 17-AUG-2009 15:00	Light grey clayey soil with many rocks and abundant vegetation roots throughout.
EA200: Description	BV5 - 17-AUG-2009 15:00	Light grey and dark grey clay lumps with minor pebbles, and plenty of vegetation roots.
EA200: Description	BV6 - 17-AUG-2009 15:00	Light grey and dark grey clayey soil with rocks and plenty of fibro-asbestos on the surface of most lumps.
EA200: Description	BV7 - 17-AUG-2009 15:00	Light and dark grey clayey soil, with plenty of rocks and vegetation roots.
EA200: Description	BV8 - 17-AUG-2009 15:00	Mid - grey lumps of clay, most with fragments of fibro-asbestos protruding from the lumps.
EA200: Description	BV9 - 17-AUG-2009 15:00	Mid - grey lumps of clay, most with fragments of fibro-asbestos protruding from the lumps.
EA200: Description	BV10 - 17-AUG-2009 15:00	Mid-grey clayey soil, containing plenty of fibro-asbestos fragments, as well as fragments of other building products
EA200: Description	BV11 - 17-AUG-2009 15:00	Dark gray clayey soil, with fragments of fibro-asbestos sheeting present on most lumps. Plenty of vegetation roots inside the clay.
EA200: Description	BV12 - 17-AUG-2009 15:00	Dark grey clayey soil, with plenty of asbestos fibre bundles and vegetation roots present. Glass fragments are also present.
EA200: Description	BV13 - 17-AUG-2009 15:00	Mixture of dark grey friable clay/sand soil, containing abundant asbestos fibre bundles and vegetation roots.
EA200: Description	BV14 - 17-AUG-2009 15:00	Dark grey sandy soil with clay. Abundant asbestos fibre bundles incorporated in the soil/clay lumps.
EA200: Description	BV15 - 17-AUG-2009 15:00	Mid-grey sandy clay soil, with plenty of asbestos fibre bundles present - some in a white granular matrix.
EA200: Description	BV16 - 17-AUG-2009 15:00	Mid-grey sandy clay soil, with plenty of asbestos fibre bundles present - some in a white granular matrix.



Environmental Division

QUALITY CONTROL REPORT

Work Order	: EB0912967	Page	: 1 of 5
Client	: BUTLER PARTNERS PTY LTD	Laboratory	: Environmental Division Brisbane
Contact	: s.73 irrelevant info	Contact	: s.73 irrelevant information
Address	: P O BOX 2267 FORTITUDE VALLEY BC QLD, AUSTRALIA 4006	Address	:
E-mail	: s.73 irrele@butlerpartners.com.au	E-mail	: Services.Brisbane@alsenviro.com
Telephone	: +61 38523800	Telephone	: +61-7-3243 7222
Facsimile	: +61 07 38523808	Facsimile	: +61-7-3243 7218
Project	: 05210	QC Level	: NEPM 1999 Schedule B(3) and ALS QCS3 requirement
Site	: Pinkenba	Date Samples Received	: 18-AUG-2009
C-O-C number	: ---	Issue Date	: 25-AUG-2009
Sampler	: s.73 irreleva	No. of samples received	: 16
Order number	: 2007	No. of samples analysed	: 16
Quote number	: BN/194/09		

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. All pages of this report have been checked and approved for release.

This Quality Control Report contains the following information:

- Laboratory Duplicate (DUP) Report; Relative Percentage Difference (RPD) and Acceptance Limits
- Method Blank (MB) and Laboratory Control Spike (LCS) Report; Recovery and Acceptance Limits
- Matrix Spike (MS) Report; Recovery and Acceptance Limits



NATA Accredited Laboratory 825

This document is issued in
accordance with NATA
accreditation requirements.

Accredited for compliance with
ISO/IEC 17025.

Signatories

This document has been electronically signed by the authorized signatories indicated below. Electronic signing has been carried out in compliance with procedures specified in 21 CFR Part 11.

<i>Signatories</i>	<i>Position</i>	<i>Accreditation Category</i>
s.73 irrelevant in	Analyst	Newcastle

Environmental Division Brisbane
Part of the **ALS Laboratory Group**

32 Shand Street Stafford QLD Australia 4053
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A Campbell Brothers Limited Company

Page : 2 of 5
Work Order : EB0912967
Client : BUTLER PARTNERS PTY LTD
Project : 05210



General Comments

The analytical procedures used by the Environmental Division have been developed from established internationally recognized procedures such as those published by the USEPA, APHA, AS and NEPM. In house developed procedures are employed in the absence of documented standards or by client request.

Where moisture determination has been performed, results are reported on a dry weight basis.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis.

Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

Key :
Anonymous = Refers to samples which are not specifically part of this work order but formed part of the QC process lot
CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.
LOR = Limit of reporting
RPD = Relative Percentage Difference
= Indicates failed QC

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Page : 3 of 5
Work Order : EB0912967
Client : BUTLER PARTNERS PTY LTD
Project : 05210



Laboratory Duplicate (DUP) Report

The quality control term Laboratory Duplicate refers to a randomly selected intralaboratory split. Laboratory duplicates provide information regarding method precision and sample heterogeneity. The permitted ranges for the Relative Percent Deviation (RPD) of Laboratory Duplicates are specified in ALS Method QWI-EN/38 and are dependent on the magnitude of results in comparison to the level of reporting: Result < 10 times LOR:- No Limit; Result between 10 and 20 times LOR:- 0% - 50%; Result > 20 times LOR:- 0% - 20%.

No Limit

- No Laboratory Duplicate (DUP) Results are required to be reported.

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Page : 4 of 5
Work Order : EB0912967
Client : BUTLER PARTNERS PTY LTD
Project : 05210



Method Blank (MB) and Laboratory Control Spike (LCS) Report

The quality control term Method / Laboratory Blank refers to an analyte free matrix to which all reagents are added in the same volumes or proportions as used in standard sample preparation. The purpose of this QC parameter is to monitor potential laboratory contamination. The quality control term Laboratory Control Sample (LCS) refers to a certified reference material, or a known interference free matrix spiked with target analytes. The purpose of this QC parameter is to monitor method precision and accuracy independent of sample matrix. Dynamic Recovery Limits are based on statistical evaluation of processed LCS.

- No Method Blank (MB) or Laboratory Control Spike (SCS) Results are required to be reported.

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Page : 5 of 5
Work Order : EB0912967
Client : BUTLER PARTNERS PTY LTD
Project : 05210



Matrix Spike (MS) Report

The quality control term Matrix Spike (MS) refers to an intralaboratory split sample spiked with a representative set of target analytes. The purpose of this QC parameter is to monitor potential matrix effects on analyte recoveries. Static Recovery Limits as per laboratory Data Quality Objectives (DQOs). Ideal recovery ranges stated may be waived in the event of sample matrix interference.

- **No Matrix Spike (MS) Results are required to be reported.**

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Environmental Division

INTERPRETIVE QUALITY CONTROL REPORT

Work Order	: EB0912967	Page	: 1 of 5
Client	: BUTLER PARTNERS PTY LTD	Laboratory	: Environmental Division Brisbane
Contact	: s.73 irrelevant info	Contact	: s.73 irrelevant information
Address	: P O BOX 2267 FORTITUDE VALLEY BC QLD, AUSTRALIA 4006	Address	
E-mail	: s.73 irrele@butlerpartners.com.au	E-mail	: Services.Brisbane@alsenviro.com
Telephone	: +61 38523800	Telephone	: +61-7-3243 7222
Facsimile	: +61 07 38523808	Facsimile	: +61-7-3243 7218
Project	: 05210	QC Level	: NEPM 1999 Schedule B(3) and ALS QCS3 requirement
Site	: Pinkenba	Date Samples Received	: 18-AUG-2009
C-O-C number	: ---	Issue Date	: 25-AUG-2009
Sampler	: s.73 irrelev	No. of samples received	: 16
Order number	: 2007	No. of samples analysed	: 16
Quote number	: BN/194/09		

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. All pages of this report have been checked and approved for release.

This Interpretive Quality Control Report contains the following information:

- Analysis Holding Time Compliance
- Quality Control Parameter Frequency Compliance
- Brief Method Summaries
- Summary of Outliers

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Page : 2 of 5
 Work Order : EB0912967
 Client : BUTLER PARTNERS PTY LTD
 Project : 05210



Analysis Holding Time Compliance

The following report summarises extraction / preparation and analysis times and compares with recommended holding times. Dates reported represent first date of extraction or analysis and precludes subsequent dilutions and reruns. Information is also provided re the sample container (preservative) from which the analysis aliquot was taken. Elapsed period to analysis represents number of days from sampling where no extraction / digestion is involved or period from extraction / digestion where this is present. For composite samples, sampling date is assumed to be that of the oldest sample contributing to the composite. Sample date for laboratory produced leachates is assumed as the completion date of the leaching process. Outliers for holding time are based on USEPA SW 846, APHA, AS and NEPM (1999). A listing of breaches is provided in the Summary of Outliers.

Holding times for leachate methods (excluding elutriates) vary according to the analytes being determined on the resulting solution. For non-volatile analytes, the holding time compliance assessment compares the leach date with the shortest analyte holding time for the equivalent soil method. These soil holding times are: Organics (14 days), Mercury (28 days) & other metals (180 days). A recorded breach therefore does not guarantee a breach for all non-volatile parameters.

Matrix: **SOIL**

Evaluation: * = Holding time breach ; ✓ = Within holding time.

Method	Sample Date	Extraction / Preparation			Analysis		
Container / Client Sample ID(s)		Date extracted	Due for extraction	Evaluation	Date analysed	Due for analysis	Evaluation
AS 4964 - 2004 Identification of Asbestos in bulk samples							
Snap Lock Bag							
BV1,	BV2,	17-AUG-2009	---	---	25-AUG-2009	21-FEB-2010	✓
BV3,	BV4,						
BV5,	BV6,						
BV7,	BV8,						
BV9,	BV10,						
BV11,	BV12,						
BV13,	BV14,						
BV15,	BV16						

Page : 3 of 5
 Work Order : EB0912967
 Client : BUTLER PARTNERS PTY LTD
 Project : 05210



Quality Control Parameter Frequency Compliance

The following report summarises the frequency of laboratory QC samples analysed within the analytical lot(s) in which the submitted sample(s) was(where) processed. Actual rate should be greater than or equal to the expected rate. A listing of breaches is provided in the Summary of Outliers.

Matrix: Evaluation: * = Quality Control frequency not within specification ; ✓ = Quality Control frequency within specification.

Quality Control Sample Type	Method	Count		Rate (%)		Evaluation	Quality Control Specification
		QC	Regular	Actual	Expected		
Analytical Methods							

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Page : 4 of 5
Work Order : EB0912967
Client : BUTLER PARTNERS PTY LTD
Project : 05210



Brief Method Summaries

The analytical procedures used by the Environmental Division have been developed from established internationally recognized procedures such as those published by the US EPA, APHA, AS and NEPM. In house developed procedures are employed in the absence of documented standards or by client request. The following report provides brief descriptions of the analytical procedures employed for results reported in the Certificate of Analysis. Sources from which ALS methods have been developed are provided within the Method Descriptions.

Analytical Methods	Method	Matrix	Method Descriptions
Asbestos Identification in bulk solids	EA200	SOIL	AS 4964 - 2004 Method for the qualitative identification of asbestos in bulk samples

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Page : 5 of 5
Work Order : EB0912967
Client : BUTLER PARTNERS PTY LTD
Project : 05210



Summary of Outliers

Outliers : Quality Control Samples

The following report highlights outliers flagged in the Quality Control (QC) Report. Surrogate recovery limits are static and based on USEPA SW846 or ALS-QWI/EN/38 (in the absence of specific USEPA limits). This report displays QC Outliers (breaches) only.

Duplicates, Method Blanks, Laboratory Control Samples and Matrix Spikes

- For all matrices, no Method Blank value outliers occur.
- For all matrices, no Duplicate outliers occur.
- For all matrices, no Laboratory Control outliers occur.
- For all matrices, no Matrix Spike outliers occur.

Regular Sample Surrogates

- For all regular sample matrices, no surrogate recovery outliers occur.

Outliers : Analysis Holding Time Compliance

This report displays Holding Time breaches only. Only the respective Extraction / Preparation and/or Analysis component is/are displayed.

- No Analysis Holding Time Outliers exist.

Outliers : Frequency of Quality Control Samples

The following report highlights breaches in the Frequency of Quality Control Samples.

- No Quality Control Sample Frequency Outliers exist.



Environmental Division

SAMPLE RECEIPT NOTIFICATION (SRN)
Comprehensive Report
Work Order : **EB0912967**
 Client : **BUTLER PARTNERS PTY LTD**
 Contact : **s.73 irrelevant info**
 Address : P O BOX 2267
 FORTITUDE VALLEY BC QLD,
 AUSTRALIA 4006

 Laboratory : Environmental Division Brisbane
 Contact : **s.73 irrelevant information**
 Address :

 E-mail : **s.73 irrele@butlerpartners.com.au**
 Telephone : +61 38523800
 Facsimile : +61 07 38523808

 E-mail : **Services.Brisbane@alsenviro.com**
 Telephone : +61-7-3243 7222
 Facsimile : +61-7-3243 7218

Project : 05210

Page : 1 of 2

Order number : 2007

C-O-C number : ---

Quote number : EB2009BUTPAR0323 (BN/194/09)

Site : Pinkenba

Sampler : **s.73 irreleva**
 QC Level : NEPM 1999 Schedule B(3) and ALS
 QCS3 requirement
Dates
 Date Samples Received : 18-AUG-2009
 Client Requested Due Date : 25-AUG-2009

 Issue Date : 19-AUG-2009 10:04
 Scheduled Reporting Date : **25-AUG-2009**
Delivery Details
 Mode of Delivery : Carrier
 No. of coolers/boxes : 1 LARGE
 Security Seal : Intact.

 Temperature : 21.5 C
 No. of samples received : 16
 No. of samples analysed : 16
General Comments

- This report contains the following information:
 - Sample Container(s)/Preservation Non-Compliances
 - Summary of Sample(s) and Requested Analysis
 - Requested Deliverables
- **Samples received in appropriately pretreated and preserved containers.**
- **Sample(s) have been received within recommended holding times.**
- Please direct any turn around / technical queries to the laboratory contact designated above.
- Please direct any queries related to sample condition / numbering / breakages to Maggie Kahl.
- Analytical work for this work order will be conducted at ALS Newcastle.
- Sample Disposal - Aqueous (14 days), Solid (90 days) from date of completion of work order.

Issue Date : 19-AUG-2009 10:04
 Page : 2 of 2
 Work Order : EB0912967
 Client : BUTLER PARTNERS PTY LTD



Sample Container(s)/Preservation Non-Compliances

All comparisons are made against pretreatment/preservation AS, APHA, USEPA standards.

- No sample container / preservation non-compliance exist.

Summary of Sample(s) and Requested Analysis

Some items described below may be part of a laboratory process necessary for the execution of client requested tasks. Packages may contain additional analyses, such as the determination of moisture content and preparation tasks, that are included in the package.

When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for processing purposes. If the sampling time is displayed as 0:00 the information was not provided by client.

Matrix: SOIL

Laboratory sample ID	Client sampling date / time	Client sample ID	SOIL - EA200 Asbestos Identification in Soils
EB0912967-001	17-AUG-2009 15:00	BV1	✓
EB0912967-002	17-AUG-2009 15:00	BV2	✓
EB0912967-003	17-AUG-2009 15:00	BV3	✓
EB0912967-004	17-AUG-2009 15:00	BV4	✓
EB0912967-005	17-AUG-2009 15:00	BV5	✓
EB0912967-006	17-AUG-2009 15:00	BV6	✓
EB0912967-007	17-AUG-2009 15:00	BV7	✓
EB0912967-008	17-AUG-2009 15:00	BV8	✓
EB0912967-009	17-AUG-2009 15:00	BV9	✓
EB0912967-010	17-AUG-2009 15:00	BV10	✓
EB0912967-011	17-AUG-2009 15:00	BV11	✓
EB0912967-012	17-AUG-2009 15:00	BV12	✓
EB0912967-013	17-AUG-2009 15:00	BV13	✓
EB0912967-014	17-AUG-2009 15:00	BV14	✓
EB0912967-015	17-AUG-2009 15:00	BV15	✓
EB0912967-016	17-AUG-2009 15:00	BV16	✓

Requested Deliverables

s.73 irrelevant info

- *AU Certificate of Analysis - NATA (COA)
- *AU Interpretive QC Report - DEFAULT (Anon QC Rep) (QCI)
- *AU QC Report - DEFAULT (Anon QC Rep) - NATA (QC)
- A4 - AU Sample Receipt Notification - Environmental (SRN)
- Default - Chain of Custody (COC)
- EDI Format - ENMRG (ENMRG)
- EDI Format - XTab (XTAB)

Email
 Email
 Email
 Email
 Email
 Email
 Email

s.73 irrelevant info@butlerpartners.com.au
 @butlerpartners.com.au
 @butlerpartners.com.au
 @butlerpartners.com.au
 @butlerpartners.com.au
 @butlerpartners.com.au
 @butlerpartners.com.au

s.73 irrelevant info

- A4 - AU Tax Invoice (INV)

Email

s.73 irrelevant info@butlerpartners.com.au

Butler Partners Pty Ltd

PO Box 2267 (79 Deggen Street)

Ferntree Gully VIC 3156

Ph: 3852 3800

Fax: 3852 3808

Job No:

05210

Site:

Pinkenba

Order No:

2007

COC No.

ALS Environmental

Australian Laboratory Services Pty Ltd

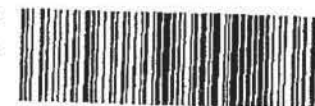
32 Shand Street, STAFFORD QLD 4053

Ph: 3243 7222

Fax: 3243 7218

Quotation Number: BN194/09																						
Project Manager: s.73 irrelevant																						
Sampled By: _____																						
Results To: Butlerpartners.com.au																						
Relinquished by: s.73 irrelevant																						
Due Date: 25-Aug-09																						
Special Instructions: 5 day turn around time																						
Lab Sample No.	Sample Reference	Sample Depth	Sample Type	No. of Jars/Vials	Date Sampled	S1 (6 metals)	S4 (TPH/TEX)	S5 (TPH/TEX/8 Metals)	S6 (TPH/TEX/Pb)	S7 (TPH/TEX/PAH)	S12 (OC/OP)	Asbestos	S7 (TPH/TEX/PAH)	S8 (TPH/TEX/PAH/OC/PCP/8 Metals)	S16 (TPH/TEX/PAH/OC/OP/PCB/8 Metals)	S19 (TPH/TEX/PAH/Phenols/OC/OP/PCB/8 Metals)	Cr Suite	SPOCAS	TCLP (As, Cd, Cr, Cu, Hg, Ni, Pb, Zn)	TCLP (PAH)	Vinyl Chloride (ug/L)	Halogenated Aromatic Hydrocarbons
1	BV1		Soil	1	17-Aug-09								X									
2	BV2		Soil	1	17-Aug-09								X									
3	BV3		Soil	1	17-Aug-09								X									
4	BV4		Soil	1	17-Aug-09								X									
5	BV5		Soil	1	17-Aug-09								X									
6	BV6		Soil	1	17-Aug-09								X									
7	BV7		Soil	1	17-Aug-09								X									
8	BV8		Soil	1	17-Aug-09								X									
9	BV9		Soil	1	17-Aug-09								X									
10	BV10		Soil	1	17-Aug-09								X									
11	BV11		Soil	1	17-Aug-09								X									
12	BV12		Soil	1	17-Aug-09								X									
13	BV13		Soil	1	17-Aug-09								X									
14	BV14		Soil	1	17-Aug-09								X									
15	BV15		Soil	1	17-Aug-09								X									
16	BV16		Soil	1	17-Aug-09								X									
TOTALS:												16										

Environmental Division
Brisbane
Work Order
EB0912967



Telephone : +61-7-3243 7222

s.73 irrelevant

Received By: _____
Organisation: _____Date: **18/08/09**
Time: **10:30**Printed: 18/08/2009 8:41 AM
Page 1 of 1



**Parsons
Brinckerhoff
Australia
Pty Limited**

ABN 80 078 004 798

Level 4, Northbank Plaza
69 Ann Street
BRISBANE QLD 4000
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BRISBANE QLD 4001
Australia
Telephone +61 7 3854 6200
Facsimile +61 7 3854 6500
Email brisbane@pb.com.au

Certified to ISO 9001; ISO 14001;
AS/NZS 4801

Certificate of Analysis

CLIENT: Butler Partners
CLIENT ADDRESS: PO Box 2267
FORTITUDE VALLEY QLD 4006
TELEPHONE: 3852 3800
FAX / E-MAIL: s.73.irrel@butlerpartners.com.au
CONTACT: s.73 irrelevant
LOCATION: 119 Sandmere Road, Pinkenba
SAMPLED BY: As Received
TEST METHOD:

CERTIFICATE NO 2139079D-2242
DATE SAMPLED: 3/09/2009
DATE RECEIVED: 3/09/2009
DATE ANALYSED: 4/09/2009

Qualitative identification of asbestos types in bulk samples at Parsons Brinckerhoff Queensland Laboratory by polarised light microscopy, including dispersion staining techniques using Parsons Brinckerhoff in-house method No.1, AS4964 (2004) and N.A.T.A accreditation No.9607. This document is issued in accordance with NATA's accreditation requirements. Accredited for compliance with ISO/IEC:17025.

Lab Number	Sample Id	Sample Description	Sample Dimensions cm	Identification Type
M001	BV 17	Soil	N/A	NAD
M002	BV 18	Soil	N/A	NAD
M003	BV 19	Soil	N/A	NAD
M004	BV 20	Soil	N/A	NAD
M005	BV 21	Soil	N/A	NAD
M006	BV 22	Soil	N/A	NAD
M007	BV23	Soil	N/A	NAD
M008	BV 24	Soil	N/A	NAD

LEGEND

NAD - No Asbestos Detected
CH - Chrysotile Asbestos Detected
A - Amosite Asbestos Detected
C - Crocidolite Asbestos Detected
UMF - Unknown Mineral Fibres Detected

Hand picked refers to small discrete amounts of asbestos distributed unevenly in a large body of non asbestos material.

Notes:

If no asbestos is detected in vinyl tiles, mastics, sealants, epoxy resins and ore samples then confirmation by another independent analytical technique is advised due to the nature of the samples.

The results contained within this report relate only to the sample(s) submitted for testing. PB accepts no responsibility for the initial collection, packaging or transportation of samples submitted by external persons. NATA does not accredit sampling. This document may not be reproduced except in full.



Approved Identifier

Name: s.73 irrelevant inf

s.73 irrelevant information

Approved Signatory

Name: s.73 irrelevant

s.73 irrelevant information

AUTHORISATION DATE
7/09/2009

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Engineering Excellence**



**Parsons
Brinckerhoff
Australia
Pty Limited**

ABN 80 078 004 798

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Facsimile +61 7 3854 6500
Email brisbane@pb.com.au

Certified to ISO 9001; ISO 14001;
AS/NZS 4801

Certificate of Analysis

Certificate: Butler Partners

Certificate NO: 2139079D-2242

LOCATION: 119 Sandmere Road, Pinkenba

<u>Lab Number</u>	<u>Sample Id</u>	<u>Sample Description</u>	<u>Sample Dimensions cm</u>	<u>Identification Type</u>
M009	BV 25	Soil	N/A	NAD
M010	BV 26	Soil	N/A	NAD
M011	BV 27	Soil	N/A	NAD
M012	BV 28	Soil	N/A	NAD
M013	BV 29	Soil	N/A	NAD
M014	BV 30	Soil	N/A	NAD

LEGEND

NAD - No Asbestos Detected
CH - Chrysotile Asbestos Detected
A - Amosite Asbestos Detected
C - Crocidolite Asbestos Detected
UMF - Unknown Mineral Fibres Detected

Hand picked refers to small discrete amounts of asbestos distributed unevenly in a large body of non asbestos material.

Notes:

If no asbestos is detected in vinyl tiles, mastics, sealants, epoxy resins and ore samples then confirmation by another independent analytical technique is advised due to the nature of the samples.

The results contained within this report relate only to the sample(s) submitted for testing. PB accepts no responsibility for the initial collection, packaging or transportation of samples submitted by external persons. NATA does not accredit sampling. This document may not be reproduced except in full.



Approved Identifier

Name: s.73 irrelevant

s.73 irrelevant information

Approved Signatory

Name: s.73 irrelevant

s.73 irrelevant information

AUTHORISATION DATE

7/09/2009

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Page 2 of 2



**Parsons
Brinckerhoff
Australia
Pty Limited**

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BRISBANE QLD 4000
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Telephone +61 7 3854 6200
Facsimile +61 7 3854 6500
Email brisbane@pb.com.au

Certified to ISO 9001; ISO 14001;
AS/NZS 4801

Certificate of Analysis

CLIENT: Butler Partners
CLIENT ADDRESS: PO Box 2267
FORTITUDE VALLEY QLD 4006
TELEPHONE: 3852 3800
FAX / E-MAIL: s.73 irrelevant@butlerpartners.com.au
CONTACT: s.73 irrelevant
LOCATION: Job #05210 - 119 Sandmere Road, Pinkenba
SAMPLED BY: As Received
TEST METHOD: Qualitative identification of asbestos types in bulk samples at Parsons Brinckerhoff Queensland Laboratory by polarised light microscopy, including dispersion staining techniques using Parsons Brinckerhoff in-house method No.1, AS4964 (2004) and N.A.T.A accreditation No.9607. This document is issued in accordance with NATA's accreditation requirements. Accredited for compliance with ISO/IEC:17025.

CERTIFICATE NO 2139079D-2477

DATE SAMPLED: 21/09/2009

DATE RECEIVED: 6/09/2009

DATE ANALYSED: 9/10/2009

Lab Number	Sample Id	Sample Description	Sample Dimensions cm	Identification Type
M001	BV7-1	Soil	N/A	NAD
M002	BV8-1	Soil	N/A	NAD
M003	BV9-1	Soil	N/A	NAD
M004	BV10-1	Soil	N/A	NAD

LEGEND

NAD - No Asbestos Detected
CH - Chrysotile Asbestos Detected
A - Amosite Asbestos Detected
C - Crocidolite Asbestos Detected
UMF - Unknown Mineral Fibres Detected

Hand picked refers to small discrete amounts of asbestos distributed unevenly in a large body of non asbestos material.

Notes:

If no asbestos is detected in vinyl tiles, mastics, sealants, epoxy resins and ore samples then confirmation by another independent analytical technique is advised due to the nature of the samples.

The results contained within this report relate only to the sample(s) submitted for testing. PB accepts no responsibility for the initial collection, packaging or transportation of samples submitted by external persons. NATA does not accredit sampling. This document may not be reproduced except in full.



ACCREDITED FOR
**TECHNICAL
COMPETENCE**

Approved Identifier

Name: s.73 irrelevant

s.73 irrelevant information

Approved Signatory

Name: s.73 irrelevant inform

AUTHORISATION DATE

12/10/2009



Environmental Division

CERTIFICATE OF ANALYSIS

Work Order	: EB0914145	Page	: 1 of 4
Client	: BUTLER PARTNERS PTY LTD	Laboratory	: Environmental Division Brisbane
Contact	: s.73 irrelevant in	Contact	: s.73 irrelevant information
Address	: P O BOX 2267 FORTITUDE VALLEY BC QLD, AUSTRALIA 4006	Address	
E-mail	: s.73 ir@butlerpartners.com.au	E-mail	: Services.Brisbane@alsenviro.com
Telephone	: +61 07 38523800	Telephone	: +61-7-3243 7222
Facsimile	: +61 07 38523808	Facsimile	: +61-7-3243 7218
Project	: 05210	QC Level	: NEPM 1999 Schedule B(3) and ALS QCS3 requirement
Order number	: 2015	Date Samples Received	: 07-SEP-2009
C-O-C number	: ---	Issue Date	: 11-SEP-2009
Sampler	: s.73 irrelev	No. of samples received	: 6
Site	: Pinkenba	No. of samples analysed	: 6
Quote number	: BN/194/09		

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. All pages of this report have been checked and approved for release.

This Certificate of Analysis contains the following information:

- General Comments
- Analytical Results
- Descriptive Results



NATA Accredited Laboratory 825

This document is issued in
accordance with NATA
accreditation requirements.

Accredited for compliance with
ISO/IEC 17025.

Signatories

This document has been electronically signed by the authorized signatories indicated below. Electronic signing has been carried out in compliance with procedures specified in 21 CFR Part 11.

Signatories	Position	Accreditation Category
s.73 irrelevant i	Team Leader - Asbestos	Newcastle

Environmental Division Brisbane
Part of the **ALS Laboratory Group**

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Tel. +61-7-3243 7222 Fax. +61-7-3243 7218 www.alsglobal.com

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Page : 2 of 4
 Work Order : EB0914145
 Client : BUTLER PARTNERS PTY LTD
 Project : 05210



General Comments

The analytical procedures used by the Environmental Division have been developed from established internationally recognized procedures such as those published by the USEPA, APHA, AS and NEPM. In house developed procedures are employed in the absence of documented standards or by client request.

Where moisture determination has been performed, results are reported on a dry weight basis.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis.

Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for processing purposes. If the sampling time is displayed as 0.00 the information was not provided by client.

Key : CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.
 LOR = Limit of reporting
 ^ = This result is computed from individual analyte detections at or above the level of reporting

Asbestos Identification

Samples were analysed by Polarised Light Microscopy including dispersion staining

Legend for Asbestos Type

Am Amosite (brown asbestos) detected
 Ch Chrysotile (white asbestos) detected
 Cr Crocidolite (blue asbestos) detected
 UMF Unknown mineral fibres detected
 - No asbestos fibres detected
 (t) Trace levels detected

Confirmation by alternative techniques is recommended for samples where unknown mineral fibres are detected.

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Page : 3 of 4
Work Order : EB0914145
Client : BUTLER PARTNERS PTY LTD
Project : 05210



Analytical Results

Sub-Matrix: SOIL

				Client sample ID				
				Client sampling date / time				
					BV-1-1	BV-2-1	BV-3-1	BV-4-1
					07-SEP-2009 15:00	07-SEP-2009 15:00	07-SEP-2009 15:00	07-SEP-2009 15:00
					EB0914145-001	EB0914145-002	EB0914145-003	EB0914145-004
Compound	CAS Number	LOR	Unit		EB0914145-005			
AS 4964 - 2004 Identification of Asbestos in bulk samples								
Asbestos Detected	1332-21-4	0.1	g/kg	No	No	No	No	No
Asbestos Type	132207-33-1	0.1	g/kg	-	-	-	-	-
Sample weight (dry)	----	0.01	g	143	131	148	136	151
APPROVED IDENTIFIER:	----	-	-	s.73 irrelevant information				

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 Work Order : EB0914145
 Client : BUTLER PARTNERS PTY LTD
 Project : 05210



Analytical Results

Sub-Matrix: SOIL

Sub-Matrix: SOIL				Client sample ID	BV-6-1	---	---	---	---
				Client sampling date / time	07-SEP-2009 15:00	---	---	---	---
Compound	CAS Number	LOR	Unit	EB0914145-006	---	---	---	---	---
AS 4964 - 2004 Identification of Asbestos in bulk samples									
Asbestos Detected	1332-21-4	0.1	g/kg	No	---	---	---	---	---
Asbestos Type	132207-33-1	0.1	g/kg	-	---	---	---	---	---
Sample weight (dry)	---	0.01	g	117	---	---	---	---	---
APPROVED IDENTIFIER:	---	-	-	P.RENNIE	---	---	---	---	---

Analytical Results

Descriptive Results

Sub-Matrix: SOIL

Method: Compound	Client sample ID - Client sampling date / time	Analytical Results
AS 4964 - 2004 Identification of Asbestos in bulk samples		
EA200: Description	BV-1-1 - 07-SEP-2009 15:00	Yellow-brown clay soil
EA200: Description	BV-2-1 - 07-SEP-2009 15:00	Yellow-brown clay soil
EA200: Description	BV-3-1 - 07-SEP-2009 15:00	Yellow-brown clay soil
EA200: Description	BV-4-1 - 07-SEP-2009 15:00	Yellow-brown clay soil
EA200: Description	BV-5-1 - 07-SEP-2009 15:00	Grey-brown clay soil
EA200: Description	BV-6-1 - 07-SEP-2009 15:00	Grey-brown clay soil



Environmental Division

QUALITY CONTROL REPORT

Work Order	: EB0914145	Page	: 1 of 5
Client	: BUTLER PARTNERS PTY LTD	Laboratory	: Environmental Division Brisbane
Contact	: s.73 irrelevant inf	Contact	: s.73 irrelevant information
Address	: P O BOX 2267 FORTITUDE VALLEY BC QLD, AUSTRALIA 4006	Address	
E-mail	: s.73 ir@butlerpartners.com.au	E-mail	: Services.Brisbane@alsenviro.com
Telephone	: +61 07 38523800	Telephone	: +61-7-3243 7222
Facsimile	: +61 07 38523808	Facsimile	: +61-7-3243 7218
Project	: 05210	QC Level	: NEPM 1999 Schedule B(3) and ALS QCS3 requirement
Site	: Pinkenba	Date Samples Received	: 07-SEP-2009
C-O-C number	: —	Issue Date	: 11-SEP-2009
Sampler	: s.73 irreleva	No. of samples received	: 6
Order number	: 2015	No. of samples analysed	: 6
Quote number	: BN/194/09		

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. All pages of this report have been checked and approved for release.

This Quality Control Report contains the following information:

- Laboratory Duplicate (DUP) Report; Relative Percentage Difference (RPD) and Acceptance Limits
- Method Blank (MB) and Laboratory Control Spike (LCS) Report; Recovery and Acceptance Limits
- Matrix Spike (MS) Report; Recovery and Acceptance Limits



NATA Accredited Laboratory 825

This document is issued in accordance with NATA accreditation requirements.

Accredited for compliance with ISO/IEC 17025.

Signatories

This document has been electronically signed by the authorized signatories indicated below. Electronic signing has been carried out in compliance with procedures specified in 21 CFR Part 11.

Signatories	Position	Accreditation Category
s.73 irrelevant ii	Team Leader - Asbestos	Newcastle

Environmental Division Brisbane
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 A Campbell Brothers Limited Company

Page : 2 of 5
 Work Order : EB0914145
 Client : BUTLER PARTNERS PTY LTD
 Project : 05210



General Comments

The analytical procedures used by the Environmental Division have been developed from established internationally recognized procedures such as those published by the USEPA, APHA, AS and NEPM. In house developed procedures are employed in the absence of documented standards or by client request.

Where moisture determination has been performed, results are reported on a dry weight basis.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis.

Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

Key :
 Anonymous = Refers to samples which are not specifically part of this work order but formed part of the QC process lot
 CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.
 LOR = Limit of reporting
 RPD = Relative Percentage Difference
 # = Indicates failed QC

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 Work Order : EB0914145
 Client : BUTLER PARTNERS PTY LTD
 Project : 05210



Laboratory Duplicate (DUP) Report

The quality control term Laboratory Duplicate refers to a randomly selected intralaboratory split. Laboratory duplicates provide information regarding method precision and sample heterogeneity. The permitted ranges for the Relative Percent Deviation (RPD) of Laboratory Duplicates are specified in ALS Method QWI-EN/38 and are dependent on the magnitude of results in comparison to the level of reporting: Result < 10 times LOR:- No Limit; Result between 10 and 20 times LOR:- 0% - 50%; Result > 20 times LOR:- 0% - 20%.

No Limit

- No Laboratory Duplicate (DUP) Results are required to be reported.

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Page : 4 of 5
Work Order : EB0914145
Client : BUTLER PARTNERS PTY LTD
Project : 05210



Method Blank (MB) and Laboratory Control Spike (LCS) Report

The quality control term Method / Laboratory Blank refers to an analyte free matrix to which all reagents are added in the same volumes or proportions as used in standard sample preparation. The purpose of this QC parameter is to monitor potential laboratory contamination. The quality control term Laboratory Control Sample (LCS) refers to a certified reference material, or a known interference free matrix spiked with target analytes. The purpose of this QC parameter is to monitor method precision and accuracy independent of sample matrix. Dynamic Recovery Limits are based on statistical evaluation of processed LCS.

- No Method Blank (MB) or Laboratory Control Spike (SCS) Results are required to be reported.

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 Work Order : EB0914145
 Client : BUTLER PARTNERS PTY LTD
 Project : 05210



Matrix Spike (MS) Report

The quality control term Matrix Spike (MS) refers to an intralaboratory split sample spiked with a representative set of target analytes. The purpose of this QC parameter is to monitor potential matrix effects on analyte recoveries. Static Recovery Limits as per laboratory Data Quality Objectives (DQOs). Ideal recovery ranges stated may be waived in the event of sample matrix interference.

- No Matrix Spike (MS) Results are required to be reported.

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Environmental Division

INTERPRETIVE QUALITY CONTROL REPORT

Work Order	: EB0914145	Page	: 1 of 5
Client	: BUTLER PARTNERS PTY LTD	Laboratory	: Environmental Division Brisbane
Contact	: s.73 irrelevant info	Contact	: s.73 irrelevant information
Address	: P O BOX 2267 FORTITUDE VALLEY BC QLD, AUSTRALIA 4006	Address	
E-mail	: s.73.ir@butlerpartners.com.au	E-mail	: Services.Brisbane@alsenviro.com
Telephone	: +61 07 38523800	Telephone	: +61-7-3243 7222
Facsimile	: +61 07 38523808	Facsimile	: +61-7-3243 7218
Project	: 05210	QC Level	: NEPM 1999 Schedule B(3) and ALS QCS3 requirement
Site	: Pinkenba	Date Samples Received	: 07-SEP-2009
C-O-C number	: —	Issue Date	: 11-SEP-2009
Sampler	: s.73 irreleva	No. of samples received	: 6
Order number	: 2015	No. of samples analysed	: 6
Quote number	: BN/194/09		

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. All pages of this report have been checked and approved for release.

This Interpretive Quality Control Report contains the following information:

- Analysis Holding Time Compliance
- Quality Control Parameter Frequency Compliance
- Brief Method Summaries
- Summary of Outliers

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Page : 2 of 5
 Work Order : EB0914145
 Client : BUTLER PARTNERS PTY LTD
 Project : 05210



Analysis Holding Time Compliance

The following report summarises extraction / preparation and analysis times and compares with recommended holding times. Dates reported represent first date of extraction or analysis and precludes subsequent dilutions and reruns. Information is also provided re the sample container (preservative) from which the analysis aliquot was taken. Elapsed period to analysis represents number of days from sampling where no extraction / digestion is involved or period from extraction / digestion where this is present. For composite samples, sampling date is assumed to be that of the oldest sample contributing to the composite. Sample date for laboratory produced leachates is assumed as the completion date of the leaching process. Outliers for holding time are based on USEPA SW 846, APHA, AS and NEPM (1999). A listing of breaches is provided in the Summary of Outliers.

Holding times for leachate methods (excluding elutriates) vary according to the analytes being determined on the resulting solution. For non-volatile analytes, the holding time compliance assessment compares the leach date with the shortest analyte holding time for the equivalent soil method. These soil holding times are: Organics (14 days); Mercury (28 days) & other metals (180 days). A recorded breach therefore does not guarantee a breach for all non-volatile parameters.

Matrix: **SOIL**

Evaluation: * = Holding time breach ; ✓ = Within holding time.

Method		Sample Date	Extraction / Preparation			Analysis		
Container / Client Sample ID(s)			Date extracted	Due for extraction	Evaluation	Date analysed	Due for analysis	Evaluation
AS 4964 - 2004 Identification of Asbestos in bulk samples								
Snap Lock Bag								
BV-1-1,	BV-2-1,	07-SEP-2009	—	—	—	11-SEP-2009	10-MAR-2010	✓
BV-3-1,	BV-4-1,							
BV-5-1,	BV-6-1							

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Work Order : EB0914145
Client : BUTLER PARTNERS PTY LTD
Project : 05210



Quality Control Parameter Frequency Compliance

The following report summarises the frequency of laboratory QC samples analysed within the analytical lot(s) in which the submitted sample(s) was(where) processed. Actual rate should be greater than or equal to the expected rate. A listing of breaches is provided in the Summary of Outliers.

Matrix:

Evaluation: ✖ = Quality Control frequency not within specification ; ✔ = Quality Control frequency within specification.

Quality Control Sample Type	Method	Count		Rate (%)		Evaluation	Quality Control Specification
		QC	Regular	Actual	Expected		
Analytical Methods							

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Page : 4 of 5
 Work Order : EB0914145
 Client : BUTLER PARTNERS PTY LTD
 Project : 05210



Brief Method Summaries

The analytical procedures used by the Environmental Division have been developed from established internationally recognized procedures such as those published by the US EPA, APHA, AS and NEPM. In house developed procedures are employed in the absence of documented standards or by client request. The following report provides brief descriptions of the analytical procedures employed for results reported in the Certificate of Analysis. Sources from which ALS methods have been developed are provided within the Method Descriptions.

Analytical Methods	Method	Matrix	Method Descriptions
Asbestos Identification in bulk solids	EA200	SOIL	AS 4964 - 2004 Method for the qualitative identification of asbestos in bulk samples

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Work Order : EB0914145
Client : BUTLER PARTNERS PTY LTD
Project : 05210



Summary of Outliers

Outliers : Quality Control Samples

The following report highlights outliers flagged in the Quality Control (QC) Report. Surrogate recovery limits are static and based on USEPA SW846 or ALS-QW/EN/38 (in the absence of specific USEPA limits). This report displays QC Outliers (breaches) only.

Duplicates, Method Blanks, Laboratory Control Samples and Matrix Spikes

- For all matrices, no Method Blank value outliers occur.
- For all matrices, no Duplicate outliers occur.
- For all matrices, no Laboratory Control outliers occur.
- For all matrices, no Matrix Spike outliers occur.

Regular Sample Surrogates

- For all regular sample matrices, no surrogate recovery outliers occur.

Outliers : Analysis Holding Time Compliance

This report displays Holding Time breaches only. Only the respective Extraction / Preparation and/or Analysis component is/are displayed.

- No Analysis Holding Time Outliers exist.

Outliers : Frequency of Quality Control Samples

The following report highlights breaches in the Frequency of Quality Control Samples.

- No Quality Control Sample Frequency Outliers exist.



Environmental Division

SAMPLE RECEIPT NOTIFICATION (SRN)
Comprehensive Report

Work Order : **EB0914145**

Client : **BUTLER PARTNERS PTY LTD**
Contact : **s.73 irrelevant info**
Address : **P O BOX 2267
FORTITUDE VALLEY BC QLD,
AUSTRALIA 4006**

Laboratory : **Environmental Division Brisbane**
Contact : **s.73 irrelevant information**
Address :

E-mail : **s.73 in@butlerpartners.com.au**
Telephone : **+61 07 38523800**
Facsimile : **+61 07 38523808**

E-mail : **Services.Brisbane@alsenviro.com**
Telephone : **+61-7-3243 7222**
Facsimile : **+61-7-3243 7218**

Project : **05210**

Page : **1 of 2**

Order number : **2015**

Quote number : **EB2009BUTPAR0323 (BN/194/09)**

C-O-C number : **---**

Site : **Pinkenba**

Sampler : **s.73 irrelev**

QC Level : **NEPM 1999 Schedule B(3) and ALS
QCS3 requirement**

Dates

Date Samples Received : **07-SEP-2009**

Issue Date : **09-SEP-2009 08:23**

Client Requested Due Date : **10-SEP-2009**

Scheduled Reporting Date : **11-SEP-2009**

Delivery Details

Mode of Delivery : **Carrier**

Temperature : **16.8C - Ice bricks present**

No. of coolers/boxes : **1 MEDIUM**

No. of samples received : **6**

Security Seal : **Intact.**

No. of samples analysed : **6**

General Comments

- This report contains the following information:
 - Sample Container(s)/Preservation Non-Compliances
 - Summary of Sample(s) and Requested Analysis
 - Requested Deliverables
- **Samples received in appropriately pretreated and preserved containers.**
- **Sample(s) have been received within recommended holding times.**
- Please direct any turn around / technical queries to the laboratory contact designated above.
- Please direct any queries related to sample condition / numbering / breakages to Maggie Kahl.
- Analytical work for this work order will be conducted at ALS Newcastle.
- Sample Disposal - Aqueous (14 days), Solid (90 days) from date of completion of work order.

Issue Date : 09-SEP-2009 08:23
 Page : 2 of 2
 Work Order : EB0914145
 Client : BUTLER PARTNERS PTY LTD



Sample Container(s)/Preservation Non-Compliances

All comparisons are made against pretreatment/preservation AS, APHA, USEPA standards.

- No sample container / preservation non-compliance exist.

Summary of Sample(s) and Requested Analysis

Some items described below may be part of a laboratory process necessary for the execution of client requested tasks. Packages may contain additional analyses, such as the determination of moisture content and preparation tasks, that are included in the package.

When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for processing purposes. If the sampling time is displayed as 0:00 the information was not provided by client.

Matrix: SOIL

Laboratory sample ID	Client sampling date / time	Client sample ID	SOIL - EA200 Asbestos Identification in Soils
EB0914145-001	07-SEP-2009 15:00	BV-1-1	✓
EB0914145-002	07-SEP-2009 15:00	BV-2-1	✓
EB0914145-003	07-SEP-2009 15:00	BV-3-1	✓
EB0914145-004	07-SEP-2009 15:00	BV-4-1	✓
EB0914145-005	07-SEP-2009 15:00	BV-5-1	✓
EB0914145-006	07-SEP-2009 15:00	BV-6-1	✓

Requested Deliverables

s.73 irrelevant info

- *AU Certificate of Analysis - NATA (COA)
- *AU Interpretive QC Report - DEFAULT (Anon QCI Rep) (QCI)
- *AU QC Report - DEFAULT (Anon QC Rep) - NATA (QC)
- A4 - AU Sample Receipt Notification - Environmental (SRN)
- Default - Chain of Custody (COC)
- EDI Format - ENMRG (ENMRG)
- EDI Format - XTab (XTab)
- Trigger - Subcontract Report (SUBCO)

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s.73 irrelevant info

- A4 - AU Tax Invoice (INV)

Email

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@butlerpartners.com.au

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**Parsons
Brinckerhoff
Australia
Pty Limited**

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Australia
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Certified to ISO 9001; ISO 14001;
AS/NZS 4801

Certificate of Analysis

CLIENT: Butler Partners
CLIENT ADDRESS: PO Box 2267
FORTITUDE VALLEY QLD 4006
TELEPHONE: 3852 3800
FAX / E-MAIL: s.73 irrelevant@butlerpartners.com.au
CONTACT: s.73 irrelevant
LOCATION: 119 Sandmere Road, Pinkenba
SAMPLED BY: As Received

CERTIFICATE NO 2139079D-2384
DATE SAMPLED: 21/09/2009
DATE RECEIVED: 22/09/2009
DATE ANALYSED: 23/09/2009

TEST METHOD: Qualitative identification of asbestos types in bulk samples at Parsons Brinckerhoff Queensland Laboratory by polarised light microscopy, including dispersion staining techniques using Parsons Brinckerhoff in-house method No.1, AS4964 (2004) and N.A.T.A accreditation No.9607. This document is issued in accordance with NATA's accreditation requirements. Accredited for compliance with ISO/IEC:17025.

Lab Number	Sample Id	Sample Description	Sample Dimensions cm	Identification Type
M001	BV31	Soil	N/A	NAD
M002	BV32	Soil	N/A	NAD
M003	BV33	Soil	N/A	NAD
M004	BV34	Soil	N/A	NAD
M005	BV35	Soil	N/A	NAD
M006	BV36	Soil	N/A	NAD

LEGEND

NAD - No Asbestos Detected
CH - Chrysotile Asbestos Detected
A - Amosite Asbestos Detected
C - Crocidolite Asbestos Detected
UMF - Unknown Mineral Fibres Detected

Hand picked refers to small discrete amounts of asbestos distributed unevenly in a large body of non asbestos material.

Notes:

If no asbestos is detected in vinyl tiles, mastics, sealants, epoxy resins and ore samples then confirmation by another independent analytical technique is advised due to the nature of the samples.

The results contained within this report relate only to the sample(s) submitted for testing. PB accepts no responsibility for the initial collection, packaging or transportation of samples submitted by external persons. NATA does not accredit sampling. This document may not be reproduced except in full.



Approved Identifier

Name: s.73 irrelevant

s.73 irrelevant int

Approved Signatory

Name: s.73 irrelevant

s.73 irrelevant

AUTHORISATION DATE
24/09/2009



**Parsons
Brinckerhoff
Australia
Pty Limited**

ABN 80 078 004 798

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Email brisbane@pb.com.au

Certified to ISO 9001; ISO 14001;
AS/NZS 4801

Certificate of Analysis

CLIENT: Butler Partners
CLIENT ADDRESS: PO Box 2267
FORTITUDE VALLEY QLD 4006
TELEPHONE: 3852 3800
FAX / E-MAIL: s.73 irrelevant@butlerpartners.com.au
CONTACT: s.73 irrelevant
LOCATION: 05210 - 199 Sandmere Road, Pinkenba
SAMPLED BY: As Received
TEST METHOD: Qualitative identification of asbestos types in bulk samples at Parsons Brinckerhoff Queensland Laboratory by polarised light microscopy, including dispersion staining techniques using Parsons Brinckerhoff in-house method No.1, AS4964 (2004) and N.A.T.A accreditation No.9607. This document is issued in accordance with NATA's accreditation requirements. Accredited for compliance with ISO/IEC:17025.

CERTIFICATE NO 2139079D-2529

DATE SAMPLED: 14/10/2009

DATE RECEIVED: 15/10/2009

DATE ANALYSED: 19/10/2009

Lab Number	Sample Id	Sample Description	Sample Dimensions cm	Identification Type
M001	BV11-1	Soil	N/A	NAD
M002	BV12-1	Soil	N/A	NAD
M003	BV13-1	Soil	N/A	NAD
M004	BV14-1	Soil	N/A	NAD
M005	BV15-1	Soil	N/A	NAD
M006	BV16-1	Soil	N/A	NAD
M007	B37	Soil	N/A	NAD
M008	B38	Soil	N/A	CH

LEGEND

NAD - No Asbestos Detected
CH - Chrysotile Asbestos Detected
A - Amosite Asbestos Detected
C - Crocidolite Asbestos Detected
UMF - Unknown Mineral Fibres Detected

Hand picked refers to small discrete amounts of asbestos distributed unevenly in a large body of non asbestos material.

Notes:

If no asbestos is detected in vinyl tiles, mastics, sealants, epoxy resins and ore samples then confirmation by another independent analytical technique is advised due to the nature of the samples.

The results contained within this report relate only to the sample(s) submitted for testing. PB accepts no responsibility for the initial collection, packaging or transportation of samples submitted by external persons. NATA does not accredit sampling. This document may not be reproduced except in full.



ACCREDITED FOR
**TECHNICAL
COMPETENCE**

Approved Identifier

Name: s.73 irrelevant

s.73 irrelevant information

Approved Signatory

Name: s.73 irrelevant information

s.73 irrelevant information

AUTHORISATION DATE

19/10/2009



**Parsons
Brinckerhoff
Australia
Pty Limited**

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Email brisbane@pb.com.au

Certified to ISO 9001; ISO 14001;
AS/NZS 4801

Certificate of Analysis

Certificate: Butler Partners

Certificate NO: 2139079D-2529

LOCATION: 05210 - 199 Sandmere Road, Pinkenba

<u>Lab Number</u>	<u>Sample Id</u>	<u>Sample Description</u>	<u>Sample Dimensions cm</u>	<u>Identification Type</u>
M009	B39	Soil	N/A	NAD
M010	B40	Soil	N/A	NAD
M011	B41	Soil	N/A	NAD
M012	B42	Soil	N/A	CH
M013	B43	Soil	N/A	NAD
M014	B44	Soil	N/A	NAD
M015	B45	Soil	N/A	NAD

LEGEND

NAD - No Asbestos Detected
CH - Chrysotile Asbestos Detected
A - Amosite Asbestos Detected
C - Crocidolite Asbestos Detected
UMF - Unknown Mineral Fibres Detected

Hand picked refers to small discrete amounts of asbestos distributed unevenly in a large body of non asbestos material.

Notes:

If no asbestos is detected in vinyl tiles, mastics, sealants, epoxy resins and ore samples then confirmation by another independent analytical technique is advised due to the nature of the samples.

The results contained within this report relate only to the sample(s) submitted for testing. PB accepts no responsibility for the initial collection, packaging or transportation of samples submitted by external persons. NATA does not accredit sampling. This document may not be reproduced except in full.



ACCREDITED FOR
**TECHNICAL
COMPETENCE**

Approved Identifier

Name: s.73 irrele

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Approved Signatory

Name: s.73 irrelevant infor
s.73 irrelevant information

AUTHORISATION DATE
19/10/2009



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Australia
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ABN 80 078 004 798

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Telephone +61 7 3854 6200
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Email brisbane@pb.com.au

Certified to ISO 9001; ISO 14001;
AS/NZS 4801

Certificate of Analysis

CLIENT: Butler Partners
CLIENT ADDRESS: PO Box 2267
FORTITUDE VALLEY QLD 4006
TELEPHONE: 3852 3800
FAX / E-MAIL: [redacted]@butlerpartners.com.au
CONTACT: s.73 irrelevant
LOCATION: Job # 05210 - 119 Sandmere Road, Pinkenba
SAMPLED BY: As Received
TEST METHOD: Qualitative identification of asbestos types in bulk samples at Parsons Brinckerhoff Queensland Laboratory by polarised light microscopy, including dispersion staining techniques using Parsons Brinckerhoff in-house method No.1, AS4964 (2004) and N.A.T.A accreditation No.9607. This document is issued in accordance with NATA's accreditation requirements. Accredited for compliance with ISO/IEC:17025.

CERTIFICATE NO 2139079D-2589

DATE SAMPLED: 21/10/2009

DATE RECEIVED: 23/10/2009

DATE ANALYSED: 27/10/2009

Lab Number	Sample Id	Sample Description	Sample Dimensions cm	Identification Type
M001	B38-1	Soil	N/A	NAD
M002	B42-1	Soil	N/A	NAD

LEGEND

NAD - No Asbestos Detected
CH - Chrysotile Asbestos Detected
A - Amosite Asbestos Detected
C - Crocidolite Asbestos Detected
UMF - Unknown Mineral Fibres Detected

Hand picked refers to small discrete amounts of asbestos distributed unevenly in a large body of non asbestos material.

Notes:

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LOCATION: Job No: 05210 - Pinkenba
SAMPLED BY: As Received
TEST METHOD:

CERTIFICATE NO 2139079D-2926
DATE SAMPLED: 10/12/2009
DATE RECEIVED: 11/12/2009
DATE ANALYSED: 15/12/2009

Qualitative identification of asbestos types in bulk samples at Parsons Brinckerhoff Queensland Laboratory by polarised light microscopy, including dispersion staining techniques using Parsons Brinckerhoff in-house method No.1, AS4964 (2004) and N.A.T.A accreditation No.9607. This document is issued in accordance with NATA's accreditation requirements. Accredited for compliance with ISO/IEC:17025.

Lab Number	Sample Id	Sample Description	Sample Dimensions cm	Identification Type
M001	B46	Soil	N/A	NAD
M002	B47	Soil	N/A	NAD
M003	B48	Soil	N/A	NAD
M004	B49	Soil	N/A	NAD
M005	B50	Soil	N/A	NAD
M006	B51	Soil	N/A	NAD
M007	B52	Soil	N/A	NAD
M008	B53	Soil	N/A	NAD

LEGEND

NAD - No Asbestos Detected
CH - Chrysotile Asbestos Detected
A - Amosite Asbestos Detected
C - Crocidolite Asbestos Detected
UMF - Unknown Mineral Fibres Detected

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AS/NZS4801

Certificate of Analysis

Certificate: Butler Partners
LOCATION: Job No: 05210 - Pinkenba

Certificate NO: 2139079D-2926

Lab Number	Sample Id	Sample Description	Sample Dimensions cm	Identification Type
M009	B54	Soil	N/A	NAD
M010	B55	Soil	N/A	NAD
M011	B56	Soil	N/A	NAD
M012	B57	Soil	N/A	NAD
M013	B58	Soil	N/A	NAD

LEGEND

NAD - No Asbestos Detected
CH - Chrysotile Asbestos Detected
A - Amosite Asbestos Detected
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LOCATION: 05210 Pinkenba

CERTIFICATE NO: 2160856B-2748
DATE SAMPLED: 2/03/2012
DATE RECEIVED: 2/03/2012
DATE ANALYSED: 5/03/2012
SAMPLED BY: As Received

TEST METHOD: Qualitative identification of asbestos types in bulk samples at Parsons Brinckerhoff Brisbane Laboratory by polarised light microscopy, including dispersion staining techniques using Parsons Brinckerhoff in-house method No.1, AS4964 (2004) and NATA accreditation No. 9607. This document is issued in accordance with NATA's accreditation requirements. Accredited for compliance with ISO/IEC:17025.

Lab Number	Sample Id	Sample Description	Sample Dimensions	Identification Type
M001	TP1-1	Soil	240g	NAD
M002	TP2-1	Soil	Soil: 320g Asbestos: <0.01g	CH, Handpicked 2mm x 3mm x 2mm
M003	TP3-1	Soil	Soil: 240g Asbestos: <0.01g	CH, Handpicked 2mm x 3mm x 2mm
M004	TP4-1	Soil	310g	NAD
M005	TP5-1	Soil	310g	NAD
M006	TP6-1	Soil	400g	NAD

LEGEND:
NAD - No Asbestos Detected
CH - Chrysotile Asbestos Detected
A - Amosite Asbestos Detected
C - Crocidolite Asbestos Detected
UMF - Unknown Mineral Fibres Detected

Hand picked refers to small discrete amounts of asbestos distributed unevenly in a large body of non asbestos material.



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Notes:

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5/03/2012



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Certificate of Analysis

Text166: 22

CLIENT: Butler Partners Pty Ltd

Certificate NO: 2160856B-2748

LOCATION: 05210 Pinkenba

<u>Lab Number</u>	<u>Sample Id</u>	<u>Sample Description</u>	<u>Sample Dimensions</u>	<u>Identification Type</u>
M007	TP7-1	Soil	170g	NAD
M008	TP8-1	Soil	270g	NAD
M009	TP9-1	Soil	370g	NAD
M010	TP10-1	Soil	310g	NAD
M011	TP11-1	Soil	450g	NAD
M012	TP12-1	Soil	520g	NAD
M013	TP13-1	Soil	500g	NAD
M014	TP14-1	Soil	420g	NAD
M015	TP15-1	Soil	340g	NAD
M016	TP16-1	Soil	490g	NAD
M017	TP17-1	Soil	370g	NAD
M018	TP18-1	Soil	460g	NAD
M019	TP19-1	Soil	320g	NAD
M020	TP20-1	Soil	520g	NAD
M021	TP21-1	Soil	390g	NAD

LEGEND:

NAD - No Asbestos Detected
CH - Chrysotile Asbestos Detected
A - Amosite Asbestos Detected
C - Crocidolite Asbestos Detected
UMF - Unknown Mineral Fibres Detected

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Certificate of Analysis

Text166: 22

CLIENT: Butler Partners Pty Ltd

Certificate NO: 2160856B-2748

LOCATION: 05210 Pinkenba

<u>Lab Number</u>	<u>Sample Id</u>	<u>Sample Description</u>	<u>Sample Dimensions</u>	<u>Identification Type</u>
M022	TP22-1	Soil	470g	NAD

LEGEND:

NAD - No Asbestos Detected
CH - Chrysotile Asbestos Detected
A - Amosite Asbestos Detected
C - Crocidolite Asbestos Detected
UMF - Unknown Mineral Fibres Detected

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CERTIFICATE NO: 2160856B-3037
DATE SAMPLED: 23/03/2012
DATE RECEIVED: 23/03/2012
DATE ANALYSED: 27/03/2012
SAMPLED BY: As Received

TEST METHOD: Qualitative identification of asbestos types in bulk samples at Parsons Brinckerhoff Brisbane Laboratory by polarised light microscopy, including dispersion staining techniques using Parsons Brinckerhoff in-house method No.1, AS4964 (2004) and NATA accreditation No. 9607. This document is issued in accordance with NATA's accreditation requirements. Accredited for compliance with ISO/IEC:17025.

Lab Number	Sample Id	Sample Description	Sample Dimensions	Identification Type
M001	TP2-2B	Soil	50g	NAD
M002	TP2-2N	Soil	65g	NAD
M003	TP2-2S	Soil	55g	NAD
M004	TP2-2E	Soil	40g	NAD
M005	TP2-2W	Soil	55g	NAD
M006	TP3-2B	Soil	35g	NAD
M007	TP3-2N	Soil	40g	NAD
M008	TP3-2S	Soil	15g	NAD

LEGEND:
NAD - No Asbestos Detected
CH - Chrysotile Asbestos Detected
A - Amosite Asbestos Detected
C - Crocidolite Asbestos Detected
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CLIENT: Butler Partners Pty Ltd
LOCATION: 05210 Pinkenba

Certificate NO: 2160856B-3037

Lab Number	Sample Id	Sample Description	Sample Dimensions	Identification Type
M009	TP3-2E	Soil	Soil: 20g FCS:7.5g	CH
M010	TP3-2W	Soil	40g	NAD

LEGEND:
NAD - No Asbestos Detected
CH - Chrysotile Asbestos Detected
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LOCATION: 05210 Pinkenba

CERTIFICATE NO: 2160856B-3103
DATE SAMPLED: 2/04/2012
DATE RECEIVED: 3/04/2012
DATE ANALYSED: 3/04/2012
SAMPLED BY: As Received

TEST METHOD: Qualitative identification of asbestos types in bulk samples at Parsons Brinckerhoff Brisbane Laboratory by polarised light microscopy, including dispersion staining techniques using Parsons Brinckerhoff in-house method No.1, AS4964 (2004) and NATA accreditation No. 9607. This document is issued in accordance with NATA's accreditation requirements. Accredited for compliance with ISO/IEC:17025.

Lab Number	Sample Id	Sample Description	Sample Dimensions	Identification Type
M001	TP3-2EA	Soil	165g	NAD
M002	TP3-2EB	Soil	460g	NAD

LEGEND:
NAD - No Asbestos Detected
CH - Chrysotile Asbestos Detected
A - Amosite Asbestos Detected
C - Crocidolite Asbestos Detected
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AUTHORISATION DATE
3/04/2012

Lot 479 M3321
119 Sandmere Road, Pinkenba
Project No.: 05210
3 July 2012

Site Validation
Proposed Industrial Development
119 Sandmere Road, Pinkenba
Project No. 05219, 28 May 2012

Following submission of the Site Validation report, DEHP issued a notice of acceptance on 25 June 2012 stating that the DEHP's Contaminated Land Unit (CLU) was satisfied that the site had been successfully remediated for ACM, and that the 'Notifiable Activity 3 – Asbestos Manufacture or Disposal' would be removed from the EMR listing, however, the site would remain on the EMR for the 'Notifiable Activity 20 – Landfilling'. A 'Notice of Land Listed on the Environmental Management Register' was received from DEHP on 28 June 2012 (dated 26 June 2012).

3.0 DISCUSSION

It is understood that the decision to include Lot 479 on plan M3321 on the EMR was based on records indicating that the site had previously been used for landfilling purposes. Prior to the commencement of remediation and validation works at the site, the site had been filled and comprised a layer of ACM placed directly above the original ground surface level and capped to depths between 0.1m and 0.5m with fill material. As part of remediation and validation works, ACM and overlying fill material was excavated and transported to Veolia Environmental Services Wattle Glen landfill site for disposal, with the base of all excavation comprising natural soil material. Following removal of ACM, the site was then filled with up to 2.5m of material under Level 2 geotechnical inspection and testing. On the basis that previous fill material has been excavated and removed from the site, and the subsequent filling of the site has occurred in a controlled manner, it is considered that the site is no longer subject to the notifiable activity of 'landfilling'. Further information to support this is presented below.

3.1 Site Validation Works.

Following the excavation and removal of ACM and overlying fill material, the resulting excavation was visually inspected and validation samples collected. Remediation works comprised the excavation of ACM and fill material to the top of the original ground surface level, with excavation bases comprising natural grey and brown silty clays and clayey sands. Validation samples are discussed in Butler Partners' 'Site Validation' report, with photographs showing excavation bases presented in Photographs 1 to 3 below.

Lot 479 M3321
119 Sandmere Road, Pinkenba
Project No.: 05210
3 July 2012



Photograph 1: View of excavation base, September 2009



Photograph 2: View of excavation base, December 2009

Relea

Lot 479 M3321
119 Sandmere Road, Pinkenba
Project No.: 05210
3 July 2012



Photograph 3: View of excavation base and imported fill material placed following the remediation and validation of an adjacent area

3.2 Test Pitting

In order to confirm that ACM had been successfully removed from portions of the site, a total of twenty two test pits (TP1 to TP22) were excavated across the site. The location of the test pits are presented on Drawing No. 1 Rev A attached, with the locations also visible on the aerial photograph extract presented as Photograph 4.

For a description of the stratigraphy encountered in the test pits, the Test Pit Report sheets should be referred to (attached). In broad summary, the subsurface conditions encountered in the bores comprised a surface layer of fill between approximately 0.9m and 2.5m depth overlying brown and grey silty clays and clayey sands. Fill material generally comprised brown gravelly clays with cobbles of crushed concrete. Photograph 5 and Photograph 6 show fill material encountered during the test pitting program, with Photograph 7 showing a view of the site at the time of investigation.

According to the DEHP's operational policy (Licensing requirements for construction and demolition wastes, 2002) inert waste material, suitable for use as backfill onsite is classified as:

- Bricks, pavers and ceramics;
- Concrete (including embedded steel reinforcing), pulverised to a maximum 300mm nominal size; and
- Clean earthen fill (no identified contamination).

It is considered that the fill material observed during the test pitting program meets the requirements of DEHP's operation policy for inert waste material as outlined above.

Release

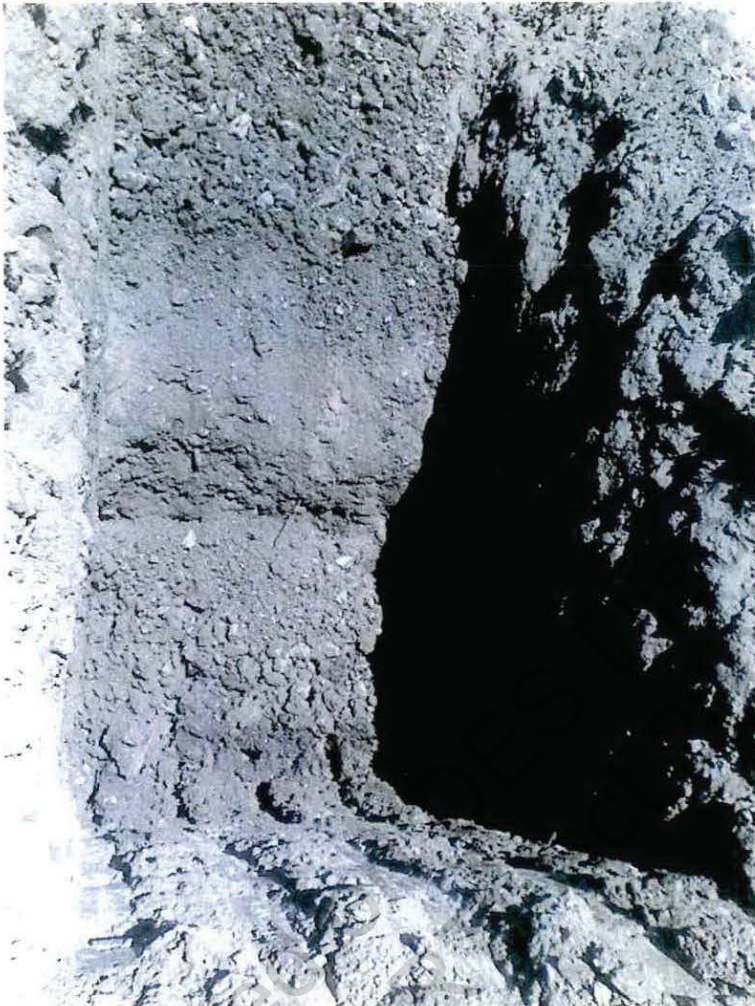
Lot 479 M3321
119 Sandmere Road, Pinkenba
Project No.: 05210
3 July 2012



Photograph 4: Aerial Photograph showing test pit locations (www.nearmap.com, 8 May 2012)

Release

Lot 479 M3321
119 Sandmere Road, Pinkenba
Project No.: 05210
3 July 2012



Photograph 5: View of fill material encountered during the excavation of Test Pit 9 (TP9)

Release

Lot 479 M3321
119 Sandmere Road, Pinkenba
Project No.: 05210
3 July 2012



Photograph 6: View of fill material encountered during the excavation of Test Pit 2 (TP2)



Photograph 7: Panoramic view of the site at the time of investigation, looking north to east from the south western corner of the site.

3.3 Level 2 Geotechnical Inspection and Testing

As part of filling activities undertaken at the site, Level 2 geotechnical inspection and testing was undertaken by Elite Soil Testing Pty Ltd (Elite). Geotechnical inspection and testing was undertaken in accordance with Australian Standard (AS) 3798-2007, with supervision and testing confirming that greater than 98% Dry Density Ratio in accordance with AS1289 (Sections 5.3.1, 5.8.1, 5.1.1, 5.4.1 and 2.1.1) was achieved for material placed as fill across the site. A copy of Elite's certification report, with associated test results, is attached to this letter.

Release

Lot 479 M3321
119 Sandmere Road, Pinkenba
Project No.: 05210
3 July 2012

4.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the information presented above, and in conjunction with Butler Partners 'Site Validation' report, it is considered that works undertaken at the 119 Sandmere Road site have resulted in the successful removal of asbestos material and associated fill material across the entire site. Subsequent re-filling of the site has occurred in a controlled manner under Level 2 geotechnical inspection and testing. A testing pitting program, undertaken following re-filling of the site, has confirmed that the site has generally been filled with inert material.

On this basis, it is considered that Lot 479 on Lot M3321 is no longer subject to the notifiable activity of 'Landfilling', and therefore should be removed from the EMR.

In accordance with Section 521 of the EP Act, a copy of this application for review has been copied to Mr Erik Dekker of Brisbane City Council to inform them of the review notice and the review procedure as outlined in Section 521 of the EP Act.

Yours faithfully

BUTLER PARTNERS PTY LTD

s.73 irrelevant information

s.73 irrelevant information

Associate

Enc: DEHP Notice of Land Listed on the Environmental Management Register
Drawing No. 1 Rev A
Test Pit Report Sheets
Elite Soil Testing Certification Report