

**WASTE MANAGEMENT LICENCE APPLICATION  
FOR  
BUCKMAN LABORATORIES**

**PREPARED BY:  
Pravin Amar Development Planners**

**March 2010**

**Environmental Assessment Practitioner**

Mr. Pravin Amar Singh  
Pravin Amar Development Planners cc  
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**Applicant:**

Buckman Laboratories (Pty) Ltd  
Ms Laura Anne Herbert  
Tel : ( 031) 736 8825  
Fax: (031) 736 1593  
Cell: 083 280 0492  
E-mail: [laherbert@buckman.com](mailto:laherbert@buckman.com)



**KZN Agriculture, Environmental Affairs & Rural Development**

*uMnyango: weZolimo, ezeMvelo nokuThuthukiswa kweMiphakathi yase Makhaya*

**ISIFUNDAZWE SAKWAZULU-NATALI**

**Application for a waste management licence  
(new facility, expansion or decommissioning)**

**in terms of section 45 of the National Environmental Management:  
Waste Act, 2008 (Act No. 59 of 2008), and the  
Environmental Impact Assessment Regulations, 2006**

(For official use only)

**Reference No:**

**Date Received:**

**Office:**


**Kindly take note:**

1. This form must be used for applications for waste management licences for new facilities, as well as expansion of existing facilities or decommissioning / closure of existing facilities. A separate application form must be submitted for amendment, renewal or transfer of waste management licences.
2. Whilst this application is to be submitted in terms of the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008) ("Waste Act"), the assessment process to be followed is the Environmental Impact Assessment ("EIA") process as specified in the current EIA Regulations issued in terms of section 24(5) of the National Environmental Management Act, 1998 (Act No. 107 of 1998) ("NEMA"):
  - The Basic Assessment process must be followed for Category A listed waste management activities.
  - The Scoping and EIA process must be followed for Category B listed waste management activities.
3. An Environmental Assessment Practitioner ("EAP") must be appointed for all waste management licence applications.
4. It is the responsibility of the applicant and the EAP to determine who the licensing authority will be in terms of section 43 of the Waste Act. Where the national Department of Environmental Affairs ("DEA") is the licensing authority, the application must be made to DEA on their application form, available from the South African Waste Information Centre website (<http://www.sawic.org.za>).
5. Definitions in this form are as per the NEMA, the EIA Regulations, the Waste Act and the waste management activities list in terms of the Waste Act.
6. This form is current as of 01 November 2009. It is the responsibility of the EAP to ascertain whether subsequent versions of this form have been published or produced by this department.

7. The required information must be typed within the spaces provided in the form. The sizes of the spaces provided are not necessarily indicative of the amount of information to be provided and additional relevant information may be attached to the back of this application form.
8. Where appropriate, indicate applicable boxes in the form with an "x".
9. Incomplete applications may not be registered and may be returned to the applicant or EAP for amendment.
10. The use of "not applicable" in the form must be done with circumspection. If used in respect of information that is required by the licensing authority for assessing the application, it may result in the rejection of the application.
11. Unless protected by law, all information contained in, and attached to this application, will become public information on receipt by the licensing authority. Upon request, any interested and affected party may be provided with the information contained in and attached to this application, during any stage of the application process.
12. No faxed or e-mailed applications will be accepted.
13. This application must be delivered to or posted to the appropriate Regional Office of the KwaZulu-Natal Department of Agriculture, Environmental Affairs and Rural Development at one of the following addresses:

➤ **FOR APPLICATIONS IN NORTHERN KWAZULU-NATAL** (Amajuba, Umkhanyakude, Uthungulu, Umzinyathi and Zululand District Municipalities)

**Environment: North Region**  
**KwaZulu-Natal Department of Agriculture, Environmental Affairs and Rural Development**  
**Private Bag X1048**  
**RICHARDS BAY**  
**3900**

**4<sup>th</sup> Floor ABSA Building**  
**Lakeview Terrace**  
**RICHARDS BAY**

**Contact Person: Ms Zama Mbanjwa**  
**Telephone No.: (035) 780 6765**

➤ **FOR APPLICATIONS IN SOUTHERN KWAZULU-NATAL** (eThekweni Metro, Ilembe, Sisonke, Ugu, uMgungundlovu and Uthukela District Municipalities):

**Environment: South Region**  
**KwaZulu-Natal Department of Agriculture, Environmental Affairs and Rural Development**  
**Private Bag X6005**  
**HILTON**  
**3245**

**A Block**  
**4 Pin Oak Avenue**  
**HILTON**

**Contact Person: Ms Mavis Padayachee**  
**Telephone No.: (033) 343 8428**

# 1. GENERAL INFORMATION

## 1.1 Contact details

Name of person wishing to obtain a waste management licence:	Ms. Laura Anne Herbert		
Trading name (if any):	Buckman Laboratories (Pty) Ltd		
Contact person:	Ms. L A Herbert		
Postal address:	P. O. Box 591		
	Hammarsdale	Postal code:	3700
Telephone:	031 736 8825	Cell:	083 280 0492
Fax:	031 736 1593	E-mail:	laherbert@buckman.com

Environmental Assessment Practitioner (EAP):	Mr Pravin Amar Singh		
Contact person:	Mr Pravin A. Singh		
Postal address:	P. O. Box 52040		
	Berea Road	Postal code:	4007
Telephone:	031 201 7510	Cell:	082 445 6948
Fax:	031 201 8939	E-mail:	md@pravinar.com
EAP Qualifications	BA (MTRP) LLM ( Environmental) IEM (UCT)		
EAP Registration/Associations	IAIA (SA); SAPI; SACPLAN Reg. No. A 1184. 2000		

Name of landowner if the landowner is not the person wishing to obtain the waste management licence:	N/A		
Contact person:			
Postal address:			
		Postal code:	
Telephone:		Cell:	
Fax:		E-mail:	

## 1.2 Waste management activity details

Project title:	Effluent Treatment, Recycling and Re-use at Buckman Laboratory, Hammarsdale		
Property location: (Farm/Erf name & number including portion)	Sub 9 of Lot 11, Sterkspruit 1609 ; Sub 8 of Lot 11 Sterkspruit 1609 Sub 10 of Lot 11 Sterkspruit 1609 ; Sub 11 of Lot 11 Sterkspruit 1609 Rem of Sub 6 of Lot 11 Sterkspruit 1609		
Local municipality:	eThekweni Metropolitan Municipality		
District municipality:	N/A		
Property size: (m <sup>2</sup> )	3.45 Ha		
Waste management activity site size: (m <sup>2</sup> )	7359 m <sup>2</sup>		
SG21 Digit code	NOFT00000000160900010		
Coordinates:	Please note that coordinates must be provided for all corners of the waste management activity site. The coordinates must be in the geographic coordinate system in the WGS84 datum (decimal degrees to four decimal places).		
		Latitude (S)	Longitude (E)
	Corner 1	29°48'48"	30°39'19"
	Corner 2	29°48'35"	30°39'23"
	Corner 3	29°48'23"	30°39'40"
	Corner 4	29°48'14"	30°39'27"
	Corner 5	29°48'16"	30°39'25"
Corner 6	29°48'12"	30°39'23"	
Physical address:	1 Buckman Boulevard		
Closest City/Town:	Hammarsdale	Distance	2 km
Current land use of property:	Industrial		
Zoning of Property:	General Industrial		
Is a rezoning application required?			NO
Is a consent use application required?			NO
Is building plan approval required?		YES	

### 1.3 Type of application

is this application for a waste management licence for the establishment of a new facility or for the expansion of an existing facility or for the decommissioning / closure of an existing facility?	NEW	
is this an application that is subject to a Basic Assessment process? If yes, please note that the Basic Assessment Report ("BAR") must be submitted together with this application form. A current EIR is in the process of being approved by the DAE & RD and this report is submitted in support of the assessment for the waste license application.	YES	
is this an application that is subject to a Scoping and EIA process?		NO
Is exemption from any provisions of the NEMA EIA regulations being applied for? If yes, please complete section 6.1 below.	YES	
Is exemption from any provisions of the NEMA Waste Act being applied for? If yes, please complete section 6.2 below.	YES	
Does this activity, or development associated with this activity, require environmental authorization? The EIA process commenced in 2008 and the EIR is subject to a RoD from the DAE & RD If yes, please complete section 2.2 below.	YES	
Has environmental authorization been granted for this activity, or development associated with this activity? The report was submitted in 2009 and a RoD is awaited. If yes, please provide the relevant EIA reference number.		NO EIA Ref. No. DM/103/08

### 1.4 Information to be submitted with this application form

Locality map:	A locality map must be attached to the back of this form, as <u>Appendix A</u> . The scale of the locality map must be at least 1:50 000. The scale must be indicated on the map. The map must indicate the following: <ul style="list-style-type: none"> <li>An accurate indication of the project site and all site alternatives.</li> <li>Road names or numbers of all the major roads as well as the roads that provide access to the site(s)</li> <li>A north arrow.</li> </ul>	Refer to Annexure A
Site Plan:	Detailed site plan(s) must be prepared for each alternative site or alternative activity. It must be attached as <u>Appendix B</u> to this form. The site plan must contain or conform to the following: <ul style="list-style-type: none"> <li>The detailed site plan must be at a scale of 1:500 or larger. The scale must be indicated on the plan.</li> <li>A reference number is to be assigned to the plan and the plan must be dated.</li> <li>The property boundaries and numbers of all the properties within 50m of the site must be indicated on the site plan.</li> <li>The current land use (not zoning) as well as the land use zoning of each of the adjoining properties must be indicated on the site plan.</li> <li>The position of each element of the application as well as any other structures on the site must be indicated on the site plan.</li> <li>Services, including electricity supply cables (indicate above or underground), water supply pipelines, boreholes, sewage pipelines, storm water infrastructure and access roads that will form part of the development must be indicated on the site plan.</li> <li>Servitudes indicating the purpose of the servitude must be indicated on the site plan.</li> <li>Sensitive environmental elements within 100m of the site must be included on the site plan, including (but not limited to): <ul style="list-style-type: none"> <li>Rivers.</li> <li>Flood lines (i.e. 1:10, 1:50, year and 32 meter set back line from the banks of a river/stream).</li> <li>Ridges.</li> <li>Cultural and historical features.</li> <li>Areas with indigenous vegetation (even if it is degraded or infested with alien species).</li> </ul> </li> <li>Whenever the slope of the site exceeds 1:10, then a contour map of the site must be submitted.</li> </ul> <p><u>Please Note:</u> if the above mentioned site plan(s) is not attached to this application, such plan(s) must be submitted as part of the Basic Assessment Report or Scoping Report.</p>	Refer to Annexure B
Landowner's consent: (if required)	Letters of consent from all landowners or a detailed explanation by the applicant explaining why such letters of consent are not furnished must be attached to the back of this form as <u>Appendix C</u> . A landowner's consent form is available from the Department of Agriculture, Environmental Affairs and Rural Development.	Refer to Annexure C

Project plan (e.g. Gantt chart):  (for applications that will follow Scoping/EIA process only)	A project planning schedule must be submitted as <u>Appendix D</u> to this form, and must include <i>inter alia</i> details of target dates for: <ul style="list-style-type: none"> <li>• public participation (dates for advertisements, workshops and other meetings, obtaining comment from organs of state including state departments);</li> <li>• the commencement of parallel application processes required in terms of other statutes and where relevant, the alignment of these application processes with the EIA process;</li> <li>• the submission of key documents (Scoping Reports and Plan of Study, and EIA reports);</li> <li>• planned commencement of the activity.</li> </ul> Please Note: All of the above dates must consider the statutory timeframes for authority responses as stipulated in the EIA regulations. Please note further that possible appeals may impact project timeframes.	Refer to Annexure D
<b>Applications for expansion or for decommissioning / closure of an existing facility</b>		
Reference number of the existing Waste Management Licence:	N/A	
Date of issue of the Waste Management Licence:		
Date of expiry of the Waste Management Licence:		
Activity/ies for which the Waste Management Licence was granted:		
<b>Please Note:</b> A certified copy of the Waste Management Licence must be attached to this application.		

## 2. APPLICABLE LISTED ACTIVITIES

### 2.1 Listed waste management activities applied for

All potential waste management activities associated with the proposed project that are listed in Government Notice No. 718 of 03 July 2009 (in terms of the Waste Act) as Category A and those listed as Category B must be indicated below.

Government Notice No. 718 - Category A activity no(s):	Describe the relevant <u>Category A</u> waste management activity as in the Government Gazette:
NEM: Waste Act No 59, of 2008, GN 32368	<b>Section 1</b> - The storage, including temporary storage of general waste at a facility that has the capacity to store in excess of 100m <sup>3</sup> cubic metres of general waste at any one time, excluding the storage of waste in lagoons
	<b>Section 7</b> - The recycling or re-use of general waste of more than 10 tons per month
	<b>Section 11</b> - The treatment of effluent, waste water or sewage with an annual throughput capacity of more than 2000 cubic metres but less than 15 000 cubic metres
	<b>Section 14</b> - The disposal of inert waste in excess of 25 tons and with a total capacity of 25 000 tons, excluding the disposal of such waste for the purpose of levelling and building which has been authorised by or under other legislation
	<b>Section 19</b> - The expansion of facilities of or changes to existing facilities for any process or activity, which requires an amendment of an existing permit or license or new permit or license in terms of legislation governing the release of pollution, effluent or waste.
Government Notice No. 718 - Category B activity no(s):	Describe the relevant <u>Category B</u> waste management activity as in the Government Gazette:
	N/A

## 2.2 EIA listed activities applicable

If applicable, all potential listed activities for Basic Assessment and Scoping / EIA (GN No. R. 386 and GN No. R. 387 activities in terms of the EIA Regulations) associated with the proposed project must be indicated below.

Government Notice R386 Activity No(s):	Describe the relevant <u>Basic Assessment</u> activity as in the Government Gazette <b>N/A – these have been now incorporated into NEM:WA</b>
Government Notice R387 Activity No(s):	Describe the relevant <u>Scoping / EIA</u> activity as in the Government Gazette 1 (c) – the above ground storage of a dangerous good, including petrol, diesel, liquid petroleum gas or paraffin, in containers with a combined capacity of 1 000 cubic metres or more at any one location or site including the storage of one or more storage goods, in a tank farm 1 (q) – the incineration, burning, evaporation, thermal treatment, roasting or heat sterilization of waste or effluent, including the cremation of human or animal tissue

Please note the following regarding subsection 2.1 and 2.2 above:

- Only those activities for which the applicant applies will be considered for licensing. The onus is on the applicant to ensure that all the applicable listed activities are included in the application. Failure to do so may invalidate the application.
- If any of the EIA listed activities in 2.2 above are triggered then a separate application form for environmental authorisation must be submitted, but a single EIA process for the application for a waste management licence and an environmental authorisation must be undertaken.
- A Basic Assessment process must be followed for the expansion or the decommissioning / closure of all listed waste management activities regardless of which Category (i.e. A or B) activities are triggered unless the closure of a facility forms part of a project that triggers a Category B listed waste management activity or an activity listed in Government Notice No. R 387, in which case a Scoping / EIA process must be followed. If permission is sought for an expansion or decommissioning / closure application to be subject to a Scoping / EIA process, then section 3 of this form must be completed.

## 3. APPLICATION FOR PERMISSION TO SUBJECT THE APPLICATION TO SCOPING / EIA INSTEAD OF BASIC ASSESSMENT

3.1 If only Category A listed waste management activities are involved (which must be subjected to Basic Assessment), while listed activities in terms of GN No. R. 387 are also involved (which must be subjected to Scoping and EIA), permission to subject the application for a waste management licence to Scoping and EIA <u>can</u> be applied for, in order for a single Scoping and EIA process to be followed for both the application for environmental authorisation and the application for a waste management licence.		
Is this scenario applicable to your proposed development? If yes, then please consider completing section 3.2 below.	YES	
3.2 I hereby apply for permission to subject the application to a Scoping / EIA process instead of a Basic Assessment process as per regulation 21(3) of the EIA Regulations. A current EIR, commenced in 2008, has already assessed the activity and is awaiting a RoD from the DAE & RD. This EIR is submitted in support of the assessment for the waste license.		NO

## 4. DESCRIPTION OF THE ACTIVITY

Indicate the type of activity:	Storage of waste X	Reuse, recycling and recovery X	Treatment of waste X	Disposal of waste
Please provide a description of the project and associated infrastructure: Storage, Transfer, Recycling, Recovery and Treatment of Effluent				

## 5. WASTE QUANTITIES (not applicable for decommissioning / closure applications)

Indicate the applicable waste types and quantities expected to be handled:

Type of waste (e.g. garden waste, building rubble, industrial effluent)	Main source	Quantity		On-site handling process	Intended purpose and location if removed off-site
		Quantity /day	Quantity /month		
<b>General Waste</b>					
Solid waste	Plant	60kg	1500kg	Contained in dedicated waste bins	Removed by Waste contractor for incineration
Effluent sludge	Effluent Treatment facility	300kg	9000kg	Contained on site in dedicated drums.	Removed by Waste contractor for incineration

## 6. APPLICATION FOR EXEMPTION

The relevant parts of this section must be completed for any application for exemption from provisions of the EIA Regulations and the Waste Act.

### 6.1 Type of exemption application in terms of the EIA regulations

I hereby apply for exemption in terms of regulation 51 of the EIA Regulations from the following:

Please provide a description of the exemption being requested:	Provide the relevant section of the EIA Regulations - e.g. regulation 56(2)(a)(ii)
Exemption from undertaking a Basic Assessment Report	Part 2 (Reg. 22-26) of the EIA Regulations
Exemption from undertaking an EIA	Part 3 (Reg. 27 – 36) of the EIA Regulations
Exemption from undertaking a public participation in terms of the EIA Regulations	Reg 56 of the EIA Regulations
Provide a detailed motivation for the exemption application	
An EIR was undertaken for the activities already listed, including the waste management activities. The EIR is current and is awaiting a decision from the DAE & RD. This EIA process commenced prior to July 2009 – in June 2008. While a request for the public participation process is being exempted in terms of the EIA regulations, public participation will be undertaken in terms of the NEM:Waste Act.	

### 6.2 Type of exemption application in terms of the Waste Act

I hereby apply for exemption in terms of Section 74 of the Waste Act, from the following:

Please provide a description of the exemption being requested:	Provide the relevant section of the Act - e.g. section 47(3)
Exemption from undertaking a Basic Assessment process and submitting a Basic Assessment Report	Schedule 1, Category A Section 19 of NEM: Waste Act
Provide a detailed motivation for the exemption application	
An EIR was undertaken for the activities already listed, including the waste management activities. The EIR is current and is awaiting a decision from the DAE & RD. This EIA process commenced prior to July 2009 – in June 2008. While a request for the public participation process is being exempted in terms of the EIA regulations, public participation will be undertaken in terms of the requirements NEM:Waste Act and/or its regulations.	

### 6.3 Rights and interests of other parties

Was the application for the exemption(s) included in a public participation process? Please explain	NO
The EIR that commenced in 2008 did not require a Waste License in terms of the NEM:WA, as NEM:WA was not in effect. The application for exemption will now be included in the waste license process and all I & AP's will be informed accordingly.	

Will the rights and interests of other parties be adversely affected by the proposed exemption(s)? Please explain		NO
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## 7. COMPETENCE TO UNDERTAKE WASTE MANAGEMENT ACTIVITY

In terms of sections 48(f) and 59 of the Waste Act the licensing authority must take into account whether the applicant is a "fit and proper" person. To assess the applicant's competence to undertake the activity and operate the facility, please disclose the following:

### Legal compliance

Has the applicant ever been found guilty or issued with a non-compliance notice in terms of any national environmental management legislation?

Has the applicant's waste management licence in terms of the Waste Act ever been suspended or revoked?

Has the applicant ever been issued with a non-compliance notice or letter in terms of any South African Law?

Yes / No	Details
NO	
NO	
NO	

*NB: Details required above include any information that the applicant wants the licensing authority to take into consideration in determining whether they are a "fit and proper person" and this includes reasons why the offence happened and measures in place to prevent recurrence*

### Technical competence

What technical skills are required to undertake the activity and operate the facility?

How will the applicant ensure and maintain technical competency in the operation of the facility?

Production of specialty chemicals and operation of flash evaporation and crystallizer technology for treatment of effluent.

Buckman is an existing operation with existing HR procedures. A contract is also in place with the suppliers of specialist equipment for the provision of technical support and training of staff.

Details of applicant's experience and qualifications along with that of relevant employees must be summarised as shown in the table below:

Name	Position	Duties and responsibilities	Qualifications and experience
Mr. Allan Pillay	Plant Manager	Management of the Hammarisdale Manufacturing Plant.	23 years National Diploma in Analytical Chemistry
Mr. Yogesh Balipersad	Process Engineer	To manage and provide expertise on the production process.	15 years B. Tech Chemical Engineering BSc Hons Technical Management Certified Operations Manager
Mr. Cliff Rajgopaul	Plant Engineer	Management and maintenance of plant equipment.	15 years N6 Mechanical Engineering National Diploma Mechanical Engineering Government Certificate of Competency
Ms. June Mahlalela	Effluent Plant Technician	Day to day operation of the effluent plant.	National Diploma in Analytical Chemistry
Ms. Laura Herbert	SHERQ Specialist	Management of SHERQ systems including legal compliance to SHE requirements.	12 years BSc Zoology and Botany BSc Hons Zoology MSc in Ecotoxicology

8. DECLARATIONS

8.1 The independent environmental assessment practitioner

I, P. A SINGH, declare under oath that I:

- act as the independent environmental assessment practitioner in this application;
- regard the information contained in this application form as true and correct;
- am fully aware of my responsibilities in terms of NEMA, the EIA Regulations and the Waste Act, and that failure to comply with these requirements may constitute an offence in terms of NEMA, the EIA Regulations and the Waste Act;
- do not have and will not have any financial interest in the undertaking of the activity, other than remuneration for work performed in terms of the EIA Regulations and the Waste Act;
- have no, and will not have any, vested interest in the proposed activity proceeding;
- have no, and will not engage in, conflicting interests in the undertaking of the activity;
- undertake to disclose to the licensing authority any material information that have or may have the potential to influence its decision or the objectivity of any report, plan or document required in terms of the EIA Regulations and the Waste Act;
- will ensure that information containing all relevant facts in respect of the application is distributed or made available to interested and affected parties and the public and that participation by interested and affected parties is facilitated in such a manner that all interested and affected parties will be provided with a reasonable opportunity to participate and to provide comments on documents that are produced to support the application;
- will ensure that the comments of all interested and affected parties are considered and recorded in reports that are submitted to the licensing authority in respect of the application, provided that comments that are made by interested and affected parties in respect of a final report that will be submitted to the licensing authority may be attached to the report without further amendment to the report;
- will keep a register of all interested and affected parties that participate in the public participation process; and
- will provide the licensing authority with access to all information at my disposal regarding the application, whether such information is favourable to the applicant or not.

[Handwritten Signature]  
Signature of the environmental assessment practitioner

PRAVIN AMAR DEVELOPMENT PLANNERS  
Name of company

23 MARCH 2010  
Date

Before me:

[Handwritten Signature]  
Signature of the Commissioner of Oaths

23/03/2010  
Date

Cost and Inventory Manager  
Designation

Official stamp (below)

[Handwritten Signature]  
**BRIDGET LEE BUIS**  
 COMMISSIONER OF OATHS  
 CHARTERED ACCOUNTANT - SA  
 MEMBERSHIP No: 08175732

## 8.2 The applicant

I, LAURA HERBERT, declare under oath that I:

- am, or represent, the applicant in this application;
- regard the information contained in this application form as true and correct;
- am fully aware of my responsibilities in terms of NEMA, the EIA Regulations and the Waste Act, and that failure to comply with these requirements may constitute an offence in terms of NEMA, the EIA Regulations and the Waste Act;
- appointed the environmental assessment practitioner as indicated under section 9.1 above to act as the independent environmental assessment practitioner for this application;
- will provide the environmental assessment practitioner and the licensing authority with access to all information at my disposal that is relevant to the application;
- will be responsible for the costs incurred in complying with the EIA Regulations, including but not limited to –
  - costs incurred in connection with the appointment of the environmental assessment practitioner or any person contracted by the environmental assessment practitioner;
  - costs incurred in respect of the undertaking of any process required in terms of the regulations;
  - costs in respect of any fee prescribed by the Minister or MEC in respect of the regulations;
  - costs in respect of specialist reviews, if the licensing authority decides to recover costs; and
  - the provision of security to ensure compliance with conditions attached to a waste management licence, should it be required by the licensing authority;
- will ensure that the environmental assessment practitioner is competent to comply with the requirements of the EIA Regulations and the Waste Act;
- am responsible for complying with the conditions of any waste management licence issued by the licensing authority;
- hereby indemnify, the government of the Republic, the licensing authority and all its officers, agents and employees, from any liability arising out of the content of any report, any procedure or any action for which the applicant or environmental assessment practitioner is responsible in terms of the EIA Regulations and the Waste Act; and
- will not hold the licensing authority responsible for any costs that may be incurred by the applicant in proceeding with an activity prior to an appeal being decided in terms of NEMA.



Signature of the applicant

BUCKMAN LABORATORIES PTY LTD

Name of company

23 MARCH 2010

Date

Before me:



Signature of the Commissioner of Oaths

23/03/2010

Date

Cost and Inventory Manager

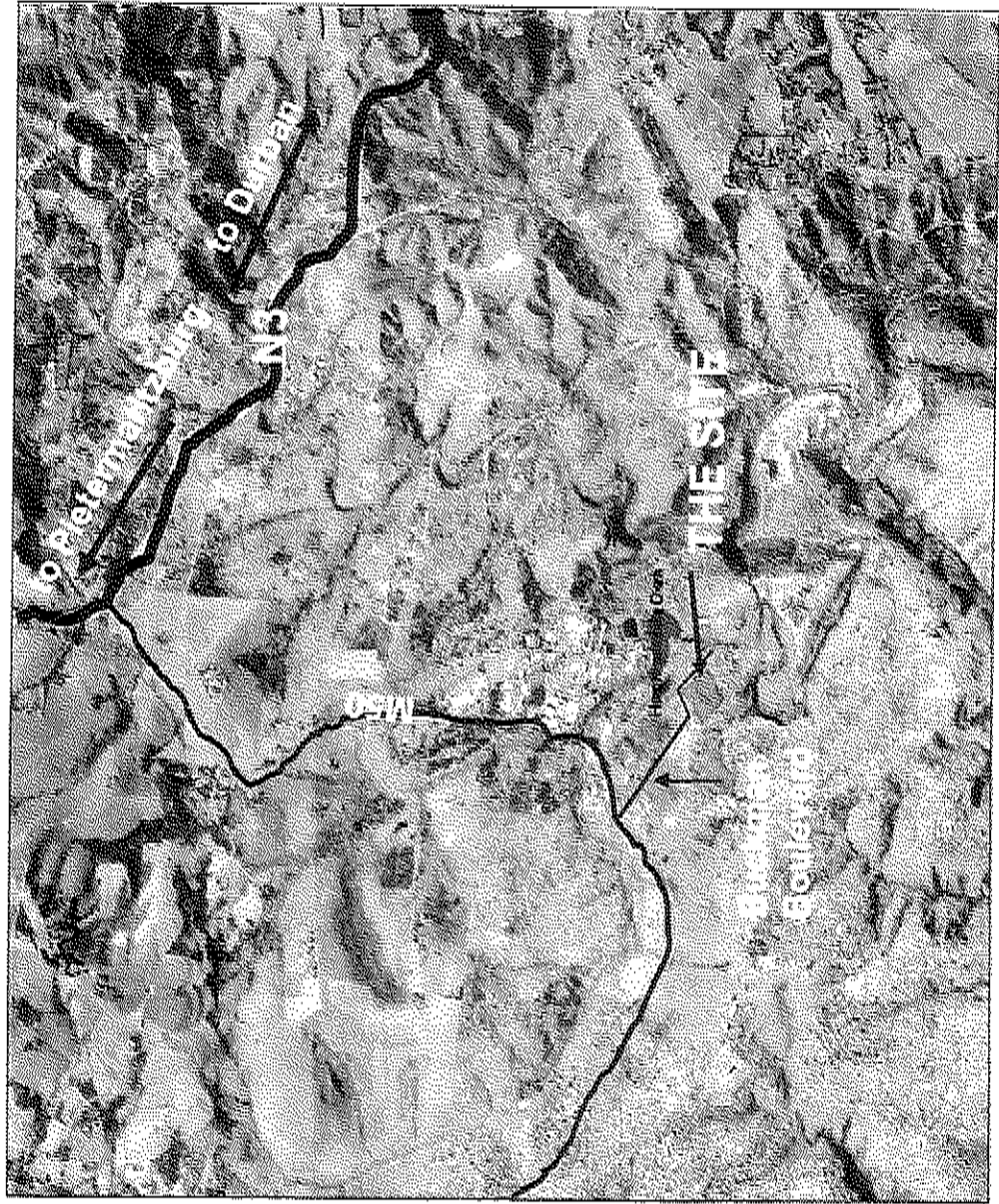
Designation

Official stamp (below)






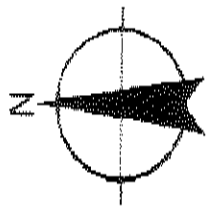
**BRIDGET LEE BUIS**  
COMMISSIONER OF OATHS  
CHARTERED ACCOUNTANT - SA  
MEMBERSHIP No: 08175732

# Appendix A : Locality Map



**Legend**

-  Buckman Laboratories site
-  Hammarsdale Dam
-  Roads



**CONTEXT MAP**

Tel. : 031 201 7510  
 Fax : 031 201 8939  
 E-mail address: [md@pravinamar.com](mailto:md@pravinamar.com)  
 Website: [www.pravinamar.com](http://www.pravinamar.com)

**Scale:**  
**1: 50 000**  
 March 2010

# Appendix B.1: Site Plan

# Legend

- waterrains
- Informal Settlements
- Buckman Plant
- roads
- servitudes

Finished Goods Warehouse

Main Gate

Raw Material Warehouse

Flammable Stores Warehouse

Factory

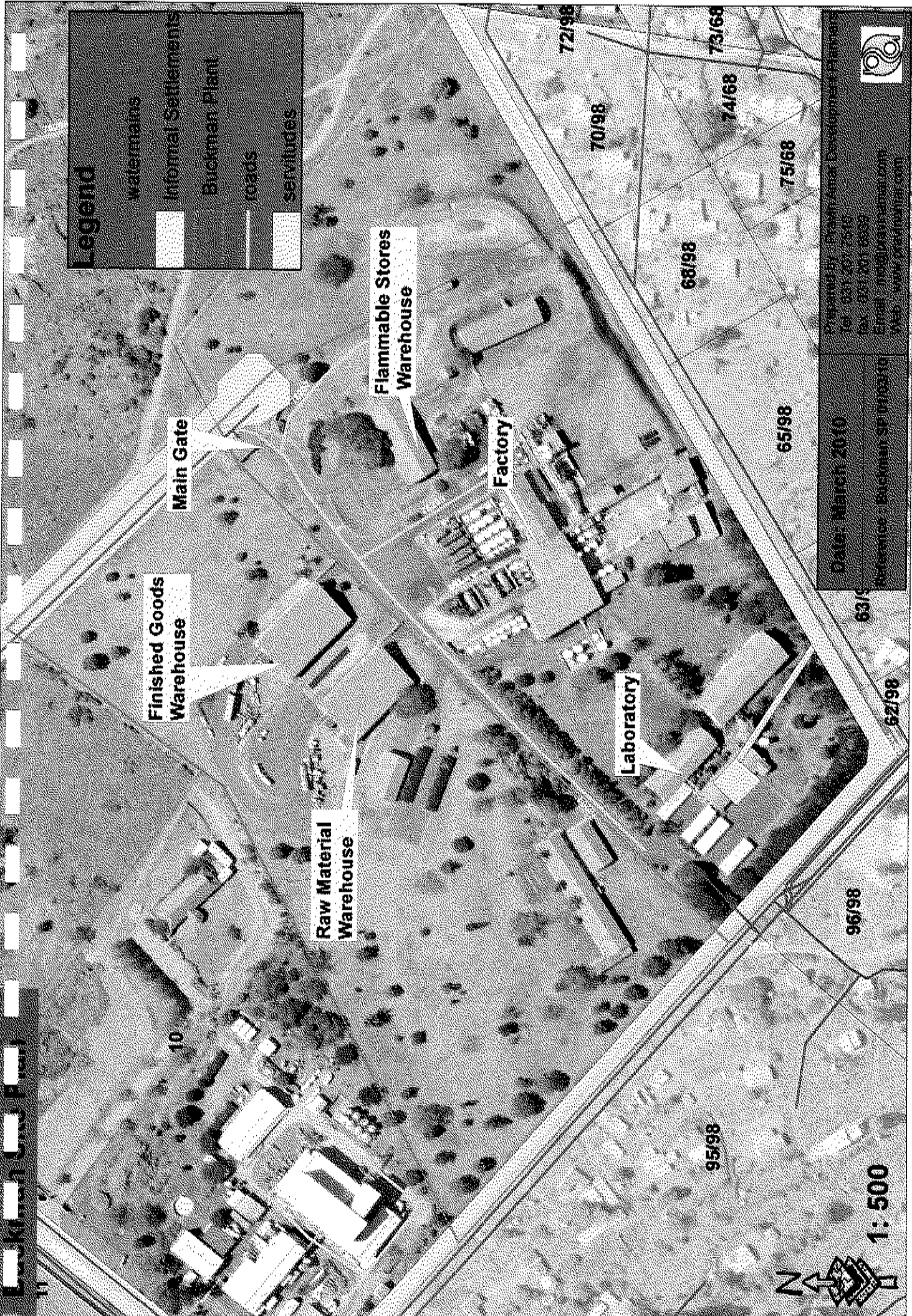
Laboratory

1:500

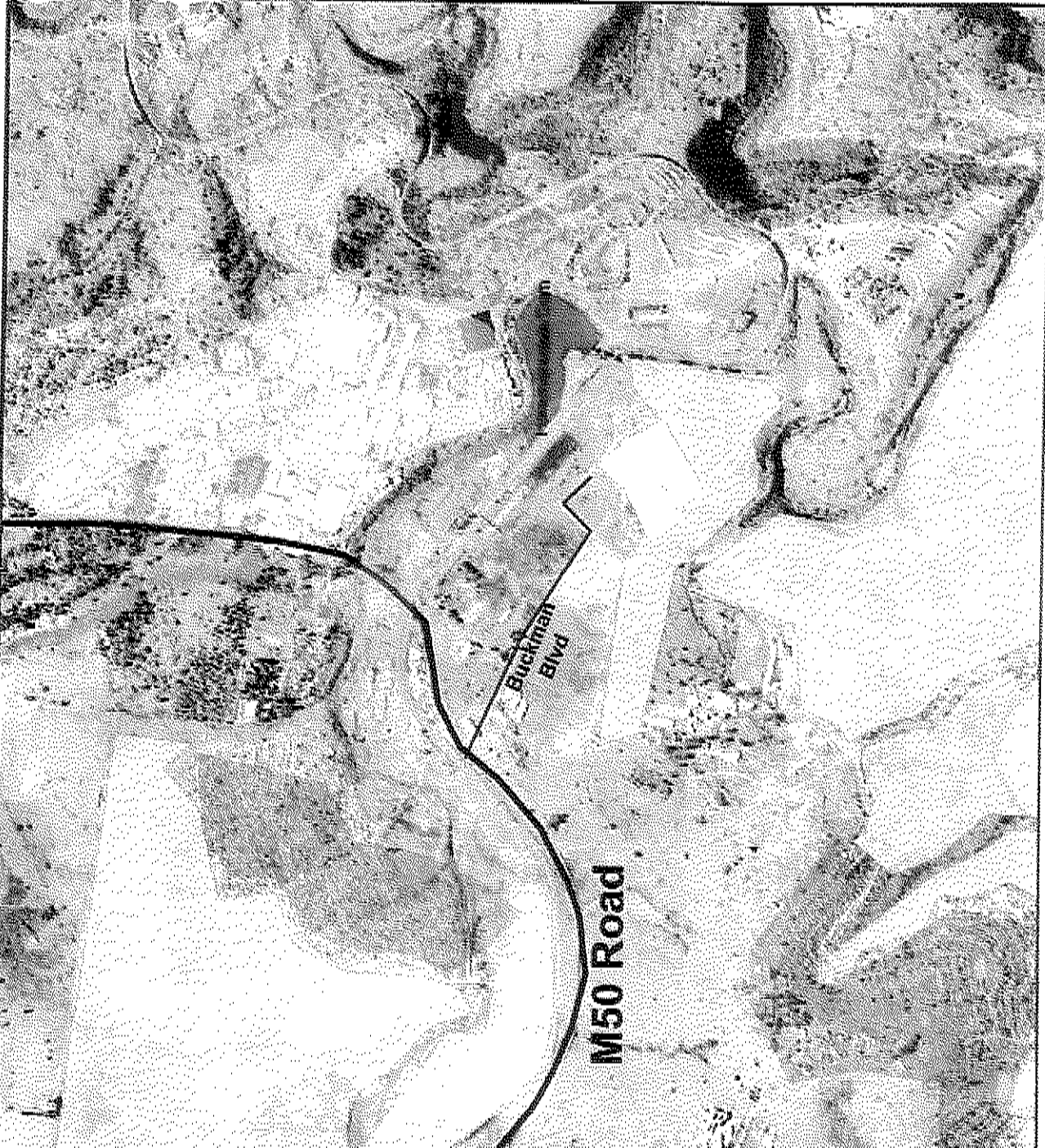


Prepared by: Framingham Development Planners  
Tel: 031 237 7576  
Fax: 031 201 8888  
Email: info@framingham.com  
Web: www.framingham.com

Date: March 2010  
Reference: Buckman SP 0103/10



# Appendix B.2 : Land use Map



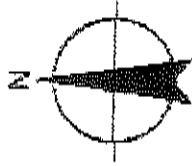
**LOCALITY**

INDIAN OCEAN  
N3

NTS

**LEGEND**

- Mixed land use
- Industrial Land Use
- Informal Settlements
- Formal Housing
- Buckman Laboratories
- Hammersdale Dam
- M50 Road
- Buckman Blvd



Tel: 031 201 7510  
 Fax: 031 201 8939  
 Email: [info@pravinamar.com](mailto:info@pravinamar.com)  
 Website: [www.pravinamar.com](http://www.pravinamar.com)

**LAND USE MAP**

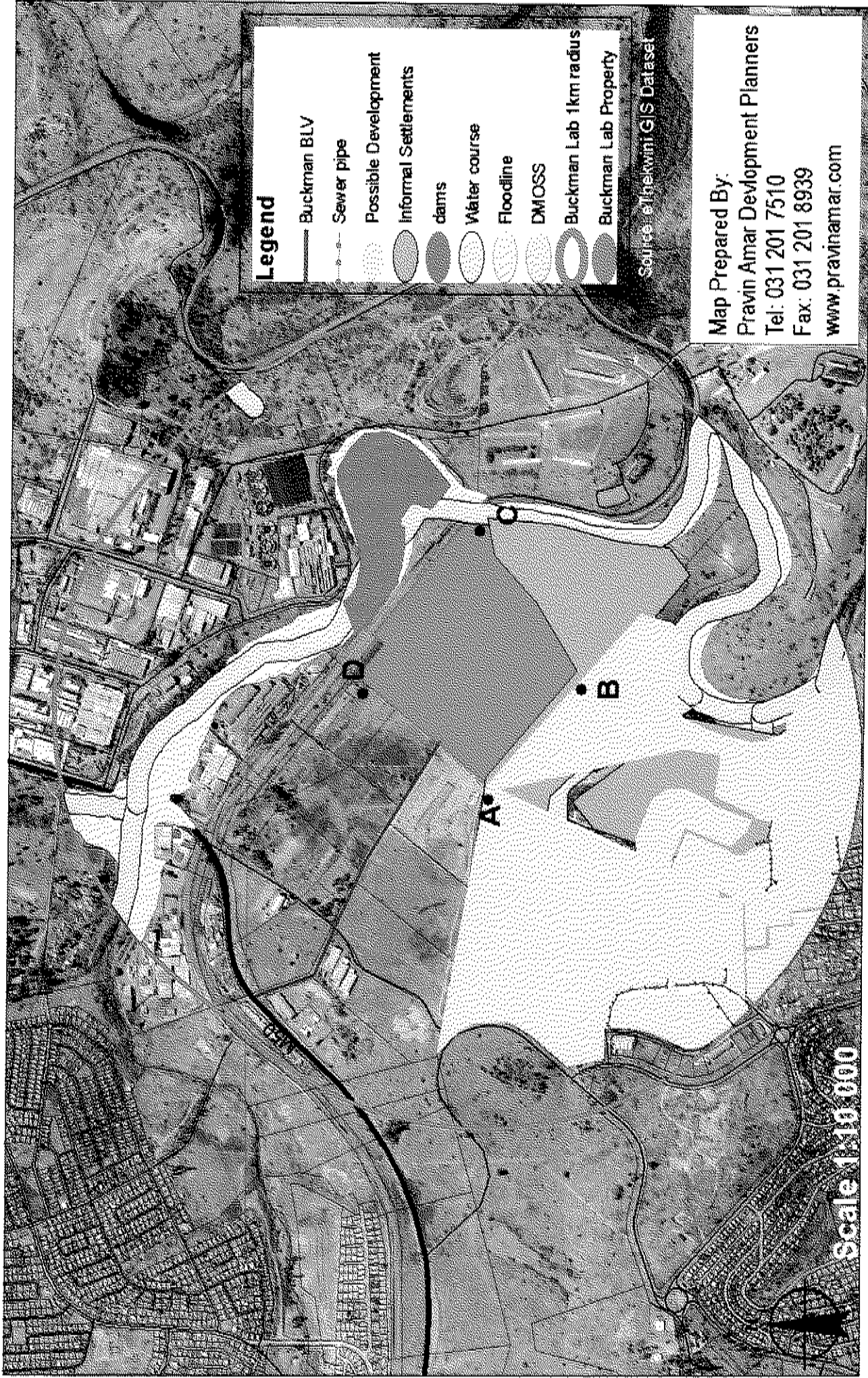
Prepared by:  
 Pravin Amar  
 Development Planners

**N.T.S**  
 MARCH 2010



# Appendix B.3 : Zoning Map 1km Radius

# Buckman Laboratories 1km radius Buffer Map

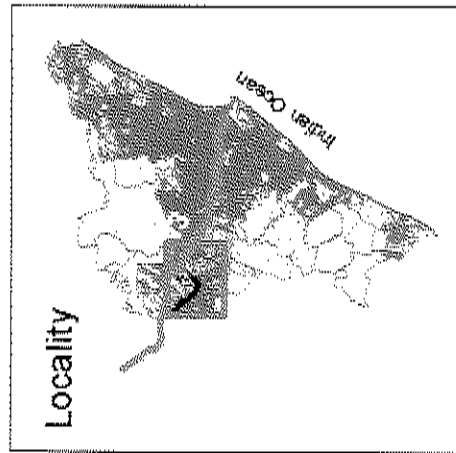


# Appendix B.4 : Zoning Map 5km Radius

# Buckman Laboratories 5km radius Buffer Map



Scale: 1: 50,000.00



## Legend:

- Mixed Use
- Possible Developments
- DMOSS/Floodline
- Informal Settlements
- 5 km radius buffer
- Buckman Lab Property
- /Access to Buckman
- N3
- M50

Source: eThekweni GIS layers

Map Prepared By:  
Pravin Amar Development Planners  
Tel: 031 201 7510  
www.pravinamar.com

# Appendix C : Landowner's Consent



**KZN Agriculture, Environmental Affairs & Rural Development**  
*umNyango: ezoLimo, ezeMvelo nokuThuthukiswa*  
*kweMiphakathi yase Makhaya*

**SIFUNDAZWE SAKWAZULU-NATALI**

**Landowner's consent to undertake a  
listed activity**

**in terms of the requirements of section 16(1) of the  
Environmental Impact Assessment Regulations, 2006**

Kindly note that:

1. This document should be attached as an appendix to the application form for environmental authorization in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998) (as amended).

**1. DETAILS OF APPLICANT**

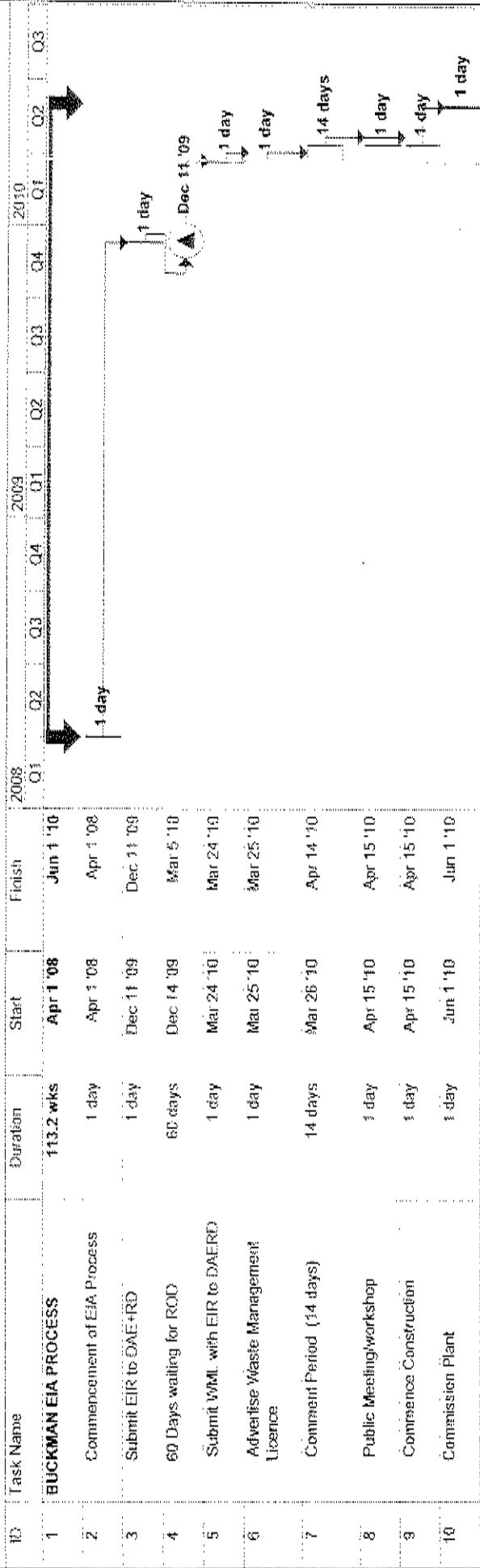
Project applicant:	Buckman Laboratories Pty Ltd		
Trading name (if any):	Buckman Laboratories Pty Ltd		
Contact person:	Mr. Junai Maharaj		
Physical address:	1 Buckman Boulevard, Hammarsdale		
Postal address:	P.O. Box 591, Hammarsdale		
Postal code:	3700	Cell:	073 165 4664
Telephone:	031 736 8800	Fax:	031 736 1593
E-mail:	dmgovender@buckman.com		

## 4. PROPERTY DESCRIPTION

Property description:	Sub 9 of Lot 11 Sterkspruit 1609 Sub 10 of Lot 11 Sterkspruit 1609 Rem of Sub 6 of Lot 11 Sterkspruit 1609 Sub 8 of Lot 11 Sterkspruit 1609 Sub 11 of Lot 11 Sterkspruit 1609
	(Farm name, portion etc.) Where a large number of properties are involved (e.g. linear activities), please attach a full list to this application.
Town(s) or district(s):	Hammarisdale
Physical (street) address of project:	1 Buckman Boulevard, Hammarisdale

# Appendix D: Project Plan

# GANTT CHART: BUCKMAN EIA PROCESS



**Buckman Project Plan/Scoping/EIA**  
 Date: March 2010  
 Prepared By: Pravin Amar

	Task		Summary		Rolled Up Progress		Project Summary
	Progress		Rolled Up Task		Spill		Group By Summary
	Milestone		Rolled Up Milestone		External Tasks		Deadline

**Appendix E :**  
**Environmental Impact Report**  
**(Stand Alone Document)**