

ENVIRONMENTAL IMPACT ASSESSMENT



**PRAVIN
AMAR**

**PROPOSED EXTENSION OF FACILITIES AT
BUCKMAN LABORATORIES (PTY) LTD**

BACKGROUND INFORMATION DOCUMENT

AND INVITATION TO REGISTER

EIA REFERENCE NO: DM/0103/08



Buckman
LABORATORIES

Applicant

Buckman
LABORATORIES

Is an ISO certified manufacturer of speciality chemicals for use in the pulp and paper, water treatment, and leather industries.

Headquartered in Memphis, Tennessee, USA, the company has a global presence in over 90 countries worldwide-serving customers on every continent.

EIA Consultants



**PRAVIN AMAR
DEVELOPMENT
PLANNERS**

is a registered professional consultancy, it's expertise include Safety, Health & Environmental Management; Development Planning & Issue Management

Purpose of this Document

This **Background Information Document (BID)** provides Interested and Affected Parties (I&APs) with background information regarding the proposed project, as well as information regarding the Environmental Impact Assessment to be undertaken.

It further indicates how you, as a public member can become involved in the project, receive information, or raise issues which may concern and/ or interest you. The Public participation plays an important role in the undertaking of an Environmental Impact Assessment (EIA), as input from the community contributes to ensuring that all potential issues are considered within the study

Buckman Laboratories requires authorization to undertake the activity listed under No. R. 387 of EIA Regulation. Activities listed under this regulation require an EIA scoping to be undertaken prior environmental authorization to be granted.

An EIA is an effective planning and decision –making tool. It allows the potential environmental consequences of a proposed project to be identified up-front and managed through the planning process.



Pravin Amar

Tel: 031 2017510

Fax: 031 201 8939

Email: environmental@pravinamar.com

Website: www.pravinamar.com



Buckman
LABORATORIES

Tel: 031 736 8851

Fax: 031 736 1593

Email: n_naicker@buckman.com

Website: www.buckman.com

The Proposed Project

Buckman Laboratories (PTY) Ltd proposes to expand their operations through the addition of six more blending vessels. These additional vessels will complement the existing two vessels on site.

The chemicals that will be used in the blending vessel will be Ferrous Sulphate, Sodium Nitrate, Sodium Molybdate, Sodium Carbonate, ETDA, Sodium Metabisulphate, Copper Sulphate, Potassium Hydroxide, Ammonium Sulphate, Sodium Tri Poly Phosphate, Wax, Cross-linked polyacrylamide copolymer. These are blends of the above raw materials so there is no reaction ie the outputs will be aqueous solutions of the chemicals.

Buckman Laboratories is located on:

- Sub 9 of Lot 11 Sterkspruit 1609
- Sub 10 of Lot 11 Sterkspruit 1609
- Rem of Sub 6 of Lot of Lot 11 Sterkspruit 1609
- Sub 8 of Lot 11 of Sterkspruit 1609
- Sub 11 of Lot 11 of Sterkspruit 1609
-

Situated in the in the development area of Sterkspruit, administrative District of Natal

Location of the Activity

The proposed development is geographically positioned at: Latitude: 29° 48'27, 3" S and Longitude: 30°39'31, 9" E,

The site is zoned for General industrial 2 and the surrounding land uses include motor engineering, Residential housing, textile and plastic production.



Pravin Amar

Tel: 031 2017510

Fax: 031 201 8939

Email: environmental@pravinamar.com

Website: www.pravinamar.com

Introduction



Buckman Laboratories was founded on the challenging proposition of creating a range of specialty chemicals to control the growth of microbes (microscopically small organisms) without impacting on the environment.

Buckman Laboratories has expanded operations to over 90 countries and meets the chemical needs of dominant players in industries including Pulp and Paper, Industrial Water Treatment, Sugar, Paint, Metals & Mining and Leather.

Their focus on continual improvement in processes and technologies, and dedication to their customers and their unique requirements, has culminated in the development of new products for the pulp and paper industry including high bright (OBA) applications, enzymes for fiber modification, stickies, and pitch control, new scale control and defoamer chemistries, high tech dry strength applications and specialty sizing options. In the creping industry, novel adhesion and release aids are being utilized.

A full range of water treatment chemistries, services, and technologies is also provided for paper mills with a new leak detection system available for black liquor recovery boilers.

The South African head office and manufacturing site is based in Hammarsdale, KwaZulu-Natal, with additional offices in Bedfordview and various customer sites providing employment to over 220 people nationally.



Buckman
LABORATORIES

Tel: 031 736 8851

Fax: 031 736 1593

Email: n_naicker@buckman.com

Website: www.buckman.com

The Legal Framework

The Minister of Environmental Affairs and Tourism has in terms of the National Environmental Management Act, (Act No. 107 of 1998) made the regulations set out in the relevant schedule.

The proposed development has been identified as Activity 1(e) listed in terms of Regulation No. R 387 of 2006, which reads as follows:

1. "The construction of facilities or infrastructure, including associated structures or infrastructure for:

(c) " the above ground storage of a dangerous good, including petrol, diesel, liquid petroleum gas or paraffin, in containers with a combined capacity of 1000 cubic metres or more at any one location or site including the storage of one or more dangerous goods, in a tank farm;"

(e) "any process or activity which requires a permit or license in terms of legislation governing the generation or release of emissions, pollution, effluent or waste and which is not identified in Government Notice No. R. 386 of 2006,"

(g) "the use, recycling, handling, treatment, storage or final disposal of hazardous waste."

Authorisation in terms of the National Environmental Management Act, (Act No. 107 of 1998), as amended and the EIA Regulations, 2006 is required for the proposed activity. An Environmental Impact Assessment is to be undertaken.

The public participation process will commence with the notification of all I&AP's. The BID will be made available to all Interested and Affected Persons (I&AP's). Comments to be captured from all I&AP's will be attached as an appendix to the EIR and submitted to the Competent Authority.

These issues and concerns will be considered during the decision making.

The Public Meeting

A Public Meeting will be held to provide more information on the proposed development:

Date: 2 July 2008 (Wednesday)

Time: 5pm (Site Meeting)

**Venue: Buckman Lab Plant
1 Buckman Boulevard
Hammar Dale, Durban**

Your involvement

Your involvement is key as part of the public participation process. The public participation process will ensure that your concerns and comments are addressed adequately

Interested and Affected Parties (I&APs) are invited to register their interest in participating in the process by contacting Pravin Amar Development Planners. A background information document is also available on the website www.pravinamar.com. Comments on the project can be submitted to Mr. Pravin Amar before 4 July 2008.



Pravin Amar

Tel: 031 2017510

Fax: 031 201 8939

Email: environmental@pravinamar.com

Website: www.pravinamar.com



Buckman
LABORATORIES

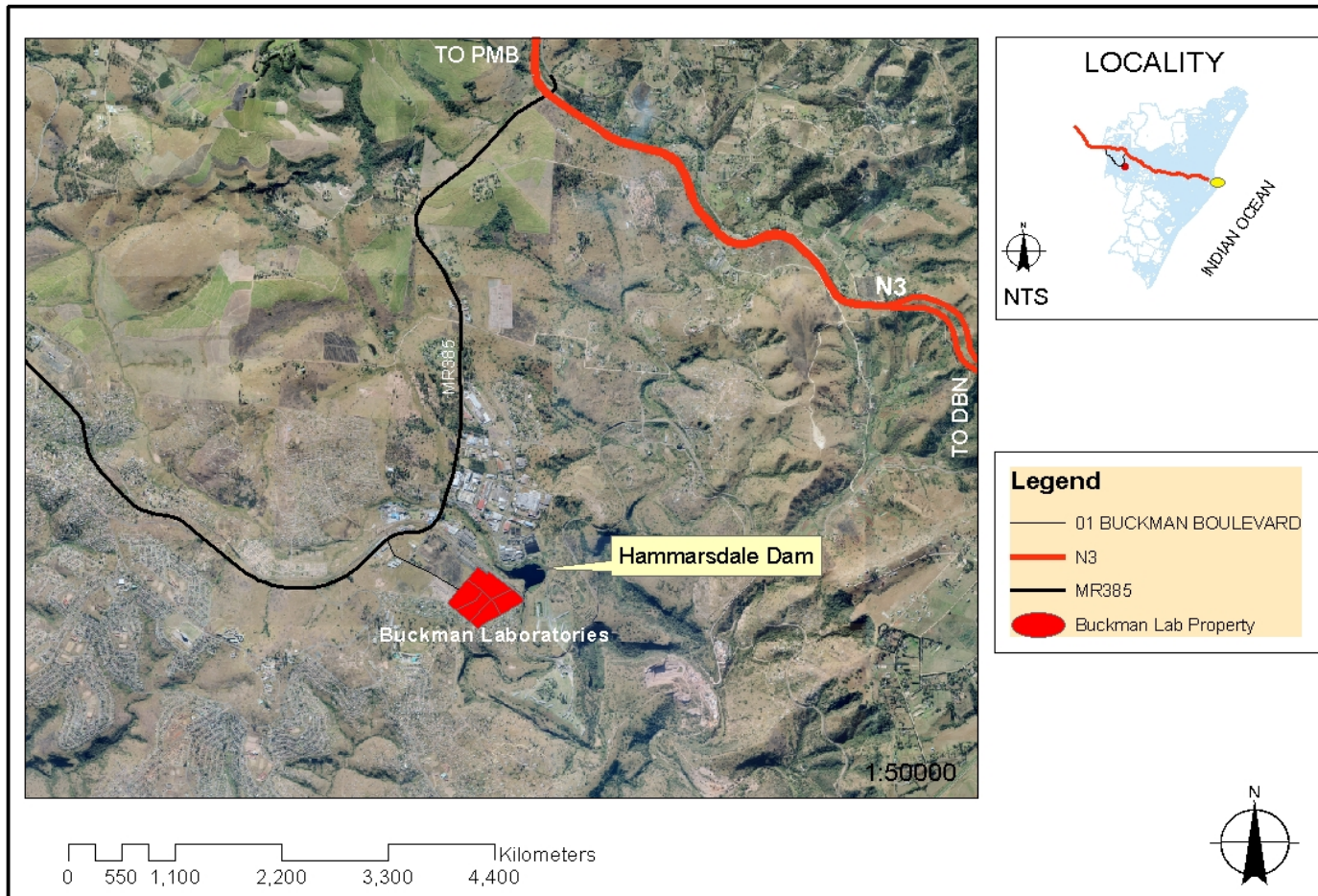
Tel: 031 736 8851

Fax: 031 736 1593

Email: n_naicker@buckman.com

Website: www.buckman.com

Locality of Project



Pravin Amar

Tel: 031 2017510

Fax: 031 201 8939

Email: environmental@pravinamar.com

Website: www.pravinamar.com



Buckman
LABORATORIES

Tel: 031 736 8851

Fax: 031 736 1593

Email: n_naicker@buckman.com

Website: www.buckman.com



QUESTIONNAIRE

EIA FOR THE PROPOSED EXPANSION OF THE EXISTING FACILITY OF BUCKMAN LABORATORIES, A SPECIALIST CHEMICAL MANUFACTURING COMPANY

Please complete and return by 4 JULY 2008:

TO:	Mr. Pravin Singh		
COMPANY:	Pravin Amar Development Planners		
POSTAL:	PO Box 52 040, Berea, 4 007		
PHONE:	(031) 201 7510	FAX:	(031) 201 8939
EMAIL:	md@pravinamar.com		
FROM (Your Name):			
ORGANISATION / COMPANY:			
PHONE:		FAX:	
EMAIL:			
Your particular area of interest in the project:			
Organisation Represent:			
Capacity (e.g. Chairperson, member, etc.):			

1. Do you have any concerns about the proposed development (i.e. construction and / or operational phase of the proposed project) that you feel should be addressed within the Environmental Impact Assessment process?

_____ YES _____ NO

If "yes", please list your main areas of concern in point form.

- i) _____
- ii) _____
- iii) _____
- iv) _____

2. What concerns do you have about the construction phase in particular?



Pravin Amar

Tel: 031 2017510
Fax: 031 201 8939
Email: environmental@pravinamar.com
Website: www.pravinamar.com



Buckman
LABORATORIES
Tel: 031 736 8851
Fax: 031 736 1593
Email: n_naicker@buckman.com
Website: www.buckman.com

3. What concerns do you have about the operational phase of the process?

4. Is there any other information you feel should be included/considered in the assessment of the project?

5. Do you have any other comment?

Please add more pages if necessary.

6. Do you want to be kept informed of the process/ provided with documentations produced?

7. Please provide details of other possible I&AP's.

PLEASE COMPLETE THE QUESTIONNAIRE AND RETURN BY **4 JULY 2008**



Pravin Amar

Tel: 031 2017510

Fax: 031 201 8939

Email: environmental@pravinamar.com

Website: www.pravinamar.com



Buckman
LABORATORIES

Tel: 031 736 8851

Fax: 031 736 1593

Email: n_naicker@buckman.com

Website: www.buckman.com