



HEALTH, SAFETY & ENVIRONMENT REPORT 2007

Otahuhu, New Zealand

Nufarm Health and Sciences, Otahuhu, NZ formulates a wide range of agricultural chemicals and some animal health products

The plant

The plant is capable of handling powders, flammable liquids, emulsifiable concentrates and solutions. All manufacturing processes comply with stringent safety and environmental standards as specified in the regional air and trade waste discharge consents. The product range includes herbicides, insecticides, fungicides, ectoparasiticides and industrial chemicals.

The production volumes for 2006 were 2% up on 2005. The greatest change for the plant during the year was the restructuring which followed on from the sale of the Manurewa plant. The Otahuhu plant has now been moved under the Nufarm NZ banner. This is proving to be a very good fit and has delivered improvements in communications between the market place and the plant.

Furthermore, a number of products that were once packed outside the group have now returned to the plant. This has brought about a higher level of environmental confidence and control.

Health and Safety Performance

Following the tragic injury to one of our workmates in 2005 where he lost the sight of an eye, we have worked without any serious injury and have achieved 154,784 hours of work without loss of time by the end of 2006.

Our efforts during the last year have included capital and procedural improvements. Capital improvements during the year have included the replacement of chain mezzanine barriers with robust gates. We have also enhanced the safety of our R&G palletizing robot through the addition of an electronic eye that guards the rear of the machine. Additionally, we have improved pedestrian safety through the construction of walkways and upgrading road markings.

The primary procedural improvement was making the wearing of safety belts on forklifts compulsory, in line with Nufarm corporate policy.

We are holding a safety course to further increase the awareness of our staff to identify and control risks on site. The five day course is a specially designed programme which has been delivered in Australia for many years. This is the third one being run in NZ, and will provide another 20 of our people with in-depth safety awareness skills. This training course will be a valuable addition to the existing significant training programme on site.



Pedestrian walkways have been designated to separate them from vehicular traffic

Wastes

During 2006 we purchased an air operated press. All outer packaging now passes through this press. It is easy to use and has reduced the frequency at which skips must be delivered and removed from the site. This has enabled us to hold our rubbish disposal costs at 2005 levels even when fuel increases and distance between landfill and plant have been increased.



Chemical worker, Leveni Ofa, stands beside the waste press

Waste Treatment Plant Upgrade

During 2006 we performed a significant upgrading of the Waste Treatment Plant. This included programme improvements to the PLC and plumbing and valve modifications. The result has been 100% compliance to the consented pH specification.

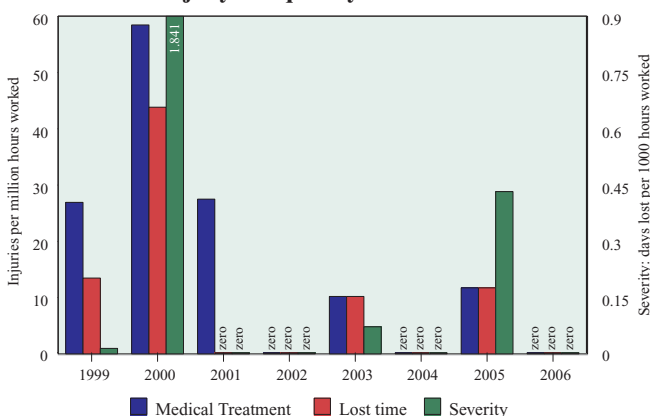
Environmental Monitoring

Of the 306 environmental tests carried out, three were above the limits set. All were for minor non-conformances with the limits in trade waste involving very low levels of agricultural chemicals.

No adverse consequences would be caused by these low levels of materials at the municipal sewerage plant that treats our trade waste.

	% in compliance
2000	95.5
2001	86.0
2002	95.8
2003	98.0
2004	98.0
2005	97.1
2006	99.0

Injury Frequency Rates



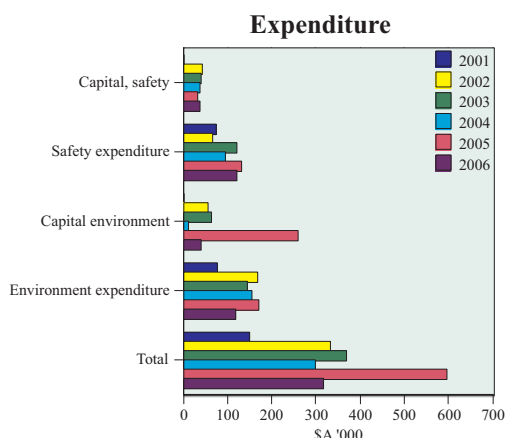
Note: All lost time injuries are also counted as medical treatment injuries

Expenditure

Most of our expenditure during the year was operational; people working on safety and environmental improvements, measuring performance etc. On safety improvements, we installed safer gates on our mezzanine floors.

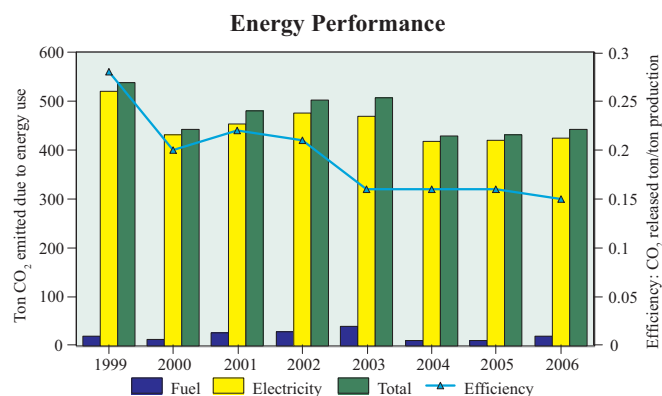
Improvements to our effluent treatment system will ensure that we can deal more quickly and effectively with our wastes. We have also instituted a program to recycle as much as possible of our equipment washes to subsequent manufacture of the same product, so the volume of waste that needs to be treated will reduce substantially in future.

During the last few years, we have been working to remove and destroy some historical wastes that had accumulated on site. This programme is almost complete. Removal of this old material has given us the opportunity to demolish an old building and to enlarge our area of lawn.



Energy Performance

Total energy consumption for 2006 has barely changed since 2004. This was a positive outcome as overall production volumes increased during the last two years. This was indicative of the efficiencies to be had from process optimization initiatives such as the dynamill upgrading and from efficient production scheduling.



Stormwater and Groundwater Consents

A significant amount of monitoring and reporting has been carried out this year. In particular the stormwater consent required that 4 rounds of sampling be carried out following the implementation of the new sand filter. The results demonstrate a reducing level of exceedences. These improvements appear to be due to a combination of the sand filter and improved housekeeping on site.

Air Discharge consent

The site was granted a resource consent to discharge to air on the 1st of June 2006. The duration of the consent is 10 years. The conditions of the new consent changed slightly from the one being replaced.

Beach Road Industries Group

During the later half of 2006 a group of local companies came together to consider the benefits of coordinating a neighbourhood emergency drill.

The companies involved included Rohm and Haas, Chemcare, Air Liquide, Pacific Steel and Nufarm NZ Ltd.

It was considered that although, individually, each company possessed an emergency response procedure, there were significant benefits in being able to coordinate as a group in a large scale emergency event. Emergency services, including the Fire and Police departments, were also enthusiastic about being involved and considered it to be a valuable training exercise.

The group agreed upon a trigger event that, on the 18th of October 2006, would generate the emergency evacuation of each of the sites. The Nufarm NZ site followed up the evacuation with training for the BA and First Aid response teams.

There was positive feedback on the event, with emergency response teams finding it beneficial having the opportunity to respond to staged injuries and scenarios.

In addition to the training benefits, the group aids communications in the neighbourhood.

Our group will be meeting again shortly to discuss how we could coordinate on other HSE matters in 2007.

EMERGENCY RESPONSE EXERCISE

WEDNESDAY 18TH OCTOBER 2006

AN EMERGENCY RESPONSE EXERCISE
WILL TAKE PLACE IN
THE VICINITY OF BEACH RD, FLETCHER
DRIVE, KAHU ST AND MANU ST.
TIME: 09:45AM – 11:15AM.

The following companies and emergency services will be involved in this event:

- Rohm and Haas
- Pacific Steel Group
- Nufarm
- Chemcare
- NZ Fire Service
- Ambulance service
- NZ Police

The focal point of the exercise will be at the Beach Rd carpark opposite Pacific Wire, where an incident command post will be established.

It is anticipated that the exercise, will cause minor disruption and will contribute to the health, safety and environment locally by enabling industry to act more effectively to genuine emergencies.

Address: 8 Manu St, Otahuhu, Auckland, New Zealand

Telephone: (64 9) 276 3808

Facsimile: (64 9) 276 6658

Website: www.nufarm.com