



PORT of
TOWNSVILLE

JUNE 06

rapPORT

A [W]RAP UP OF OUR ACTIVITIES FOR OUR COMMUNITY



JUNE 06

Securing Townsville's Future - CHALCO Supplement Launched

A SUPPLEMENT, funded by Townsville Port Authority and Townsville City Council, outlining the benefits of CHALCO to Townsville was added to the Townsville Bulletin in May.

It included a number of articles from community and business leaders supporting Townsville as the preferred region for CHALCO to locate its alumina refinery.

It describes the potential economic benefits such as \$1.3 billion being pumped into the local economy and 3,100 new jobs during the construction phase. The economic benefits will be felt by almost everybody in our city.

Townsville Port Authority Chairman, Ron McLean, said: "As a community, we cannot ignore the economic benefits this project could bring to our city. Why should we see Gladstone or Bowen reap the benefits that Townsville could potentially have?"

The supplement also addresses environmental concerns and states that all appropriate environmental assessments and processes will be applied to the Aurukun project.

Ron McLean said: "There have been concerns expressed from a number of sectors regarding environmental issues. This project will not go ahead if it doesn't meet the highest environmental standards. The same conditions will apply no matter where the refinery will be located. And we certainly hope that it will be in our city."

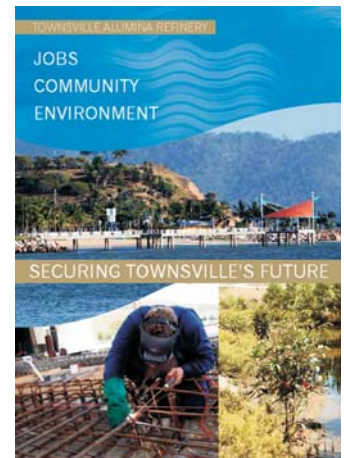
The supplement also gives a step-by-step account of the refining process and describes the products made from alumina.

It also gives possible locations for the refinery. The proposed refinery may be located in the Townsville State Development Area, which comprises the Stuart Industrial Estate.

Major industries currently established in this area include the Sun Metals zinc refinery, Xstrata copper refinery, Australian Meat Holdings meat works, Queensland Rail locomotive and rolling stock maintenance facilities, Origin Mount Stuart peak load power station, and the Pacific National freight terminal.

The Sun Metals zinc refinery is highlighted as a recent example of a major export enterprise that has brought significant economic and employment benefits to Townsville. In addition to the 300 staff employed directly, more than 1,500 jobs have been created to service the refinery. It operates under best-practice environmental standards.

Ron McLean said: "This is not about development at any cost - it is about developing a sustainable future for the region. The Port has been part of the fabric of our city since its inception and if we thought this project would have any detrimental effects to our quality of life we would certainly not be eager to locate CHALCO on our door step."



"I hope that this supplement goes some way towards explaining the processes involved in locating a refinery of this nature in our region," he said.

For a copy of the supplement please check out our website on www.townsville-port.com.au or phone: (07) 4781 1551.



Dredging Up The Past ...

CONSTRUCTION of Jupiters Hotel and Casino commenced during the 1980's. It officially opened twenty years ago in 1986.

Situated on the Breakwater Marina and overlooking Magnetic Island, Jupiters Townsville is a prominent landmark in the city.

The proposed Ocean Terminal project, due for completion in 2009, is set to be constructed adjacent to Jupiters Hotel and Casino.

At the Helm - From the CEO



WELCOME to our last edition of rapPORT for the 2005/2006 financial year. I have pleasure in reporting on the following items:

Maintenance Works

Just over \$10 million will be spent on maintenance works at the Port of Townsville this financial year. This is the largest annual spend on port infrastructure maintenance in the Authority's history. The financial year 2005/2006 is the fourth year in a five year program to bring Port infrastructure up to the highest possible standard. This will increase our infrastructure's longevity and reliability to meet the requirements of Port users.

MSIC Ready

Townsville Port Authority has signed an agreement with the Port of Brisbane to act as an issuing agency for Maritime Security Identification Cards (MSIC).

The process will involve an online application and induction and should take a total of 3-4 weeks. Applicants will be required to sign a consent form for an Australian Federal Police check and the MSIC will be issued following receipt of a letter from the issuing body.

The MSIC will be for identification purposes only and cannot be used as an access card.

Berth operators will have their own control measures in place and those measures may vary from berth to berth. Visitors to berths should contact the berth operator to ascertain the correct procedures and requirements before entering the area.

CHALCO Bid

The Aluminium Corporation of China Limited (CHALCO) are expected to make their final submission to Government in the next few weeks, including which port they prefer to be home to the alumina refinery.

I hope that the supplement produced in association with Townsville City Council, Townsville Enterprise Limited, and NQ Water will go some way towards explaining the production process and the benefits it will bring to our city. I also hope that it addressed concerns about the environmental impact the project might have on the region.

Port Access Road

The potential for CHALCO to establish in Townsville further highlights the growing need for the Eastern Access Corridor.

We are committed to ensuring our Port continues to nurture and expand the local economy by providing an efficient and effective avenue for transport. The proposed Eastern Access Corridor will allow for easier access to and from the Port.

Export Awards

Townsville Port Authority has confirmed its sponsorship of the Townsville Region Export Awards for 2006. Since their inception four years ago, Townsville Port Authority has promoted the Export Awards and made it our signature event in this region. We encourage all exporters, both large and small, to nominate. Visit: www.exportawards.qld.gov.au for further details.

Environmental Park Works

The Authority has commenced work on Stage 2 of the environmental buffer zone between the Port and nearby residential areas in South Townsville. This will involve the construction of footpaths from Boundary Street through to Bell Street. Landscaping works will be carried out between Hubert Street, Cannan Street, and Bell Street. Works are expected to be completed by the end of June 2006.

I expect that this walking track will enhance the enjoyment of the environmental park and surrounding areas by local residents.

Trade Statistics (tonnes) year to date ending 30 April 2006

IMPORTS:

Cement.....	395,206
Concentrates - Zinc.....	176,354
Fertiliser.....	72,719
General Cargo.....	73,597
Motor Vehicles.....	12,516
Nickel Ore	2,630,926
Oil - General Purpose.....	664,714
Oil - Yabulu.....	194,271
Sulphur.....	99,847
Imports Total.....	4,320,150

EXPORTS:

Concentrates - Copper Berth 7.....	472,699
Copper - Birla	83,803
Concentrates - Lead Berth 11.....	348,057
Concentrates - Lead Berth 7.....	14,795
Concentrates - Zinc Berth 11.....	78,638
Concentrates - Zinc Berth 7.....	338,531
Copper Refined.....	104,420
General Cargo.....	100,710
High Analysis Fertiliser.....	681,667
Lead Ingots.....	117,379
Meat Products - By-products.....	3,601
Meat Products - Frozen.....	11,153
Meat Products - Tallow.....	8,698
Molasses.....	220,601
Nickel - Refined.....	8,120
Sugar.....	895,030
Sulphuric Acid.....	21,835
Timber.....	139,315
Zinc Ingots.....	91,024
Oil - General Purpose.....	8,709
Exports Total.....	3,748,785

TOTAL - IMPORTS & EXPORTS.....8,068,935

Pacific Princess Visit

THE cruise ship, *Pacific Princess* docked at the Port of Townsville in April, with almost 670 passengers and 360 crew on board.

The vessel, which was launched in November 2001, stayed for one day in Townsville. It arrived in Port a day earlier than expected due to cyclone Monica north of Cairns.

The vessel has eleven decks with grand staircases, leather-panelled walls and plush carpeting providing a feeling of a 'country club'. Over 90 per cent of the cabins have ocean views.

Facilities on board include two outdoor jacuzzis, a gymnasium and spa centre with a ship-top swimming pool and jogging track. There are eight bars and lounges, a casino and an internet library.

The *Pacific Princess* last visited Townsville in April 2005.



2006 Townsville Region Export Awards Launched

Maritime Security Identification Card Ready to Roll

THE region's top exporters, business and government leaders gathered in May to officially launch the 2006 Townsville Region Export Awards.

Ms. Lindy Nelson Carr, Member for Mundingburra, officially opened nominations for the awards that recognise exporting excellence by companies in the region and the state.

The launch also included an address by Townsville Port Authority Chairman, Ron McLean, and Jeff Landels from Southern Cross Fertilisers, one of last year's winners.



From left: Jeff Landels, Southern Cross Fertilisers; Lindy Nelson-Carr, Member for Mundingburra; Ron McLean, Townsville Port Authority; and Peter Mellor, Department of State Development and Innovation.

Speaking at the launch, Townsville Port Authority Chairman, Mr. Ron McLean, said: "the Port of Townsville has been a major driving force behind Townsville's economic development for more than a century. In recent years, the Port has expanded and our trade has grown in leaps and bounds. Our Port currently exports to more than 20 nations, and our biggest overseas markets are Japan, Korea, China and Malaysia. Japan alone accepts approximately 15 per cent of our exports."

During the launch, Townsville Port Authority also confirmed its sponsorship of the Townsville Region Export Awards for 2006. "We are committed to further developing exports through the Port of Townsville and see this event as an opportunity to recognise and encourage exporters," said Mr. McLean.

The annual awards aim to recognise local companies that excel in their exporting fields, with categories in the Townsville event including agribusiness, large advanced manufacturer, small to medium manufacturer, small/micro business, emerging exporter, education, minerals and energy, services, and the Port of Townsville Exporter of the Year Award.

Applications for the Townsville Region Export Awards close on Monday, 31 July 2006. You can complete your application online at www.exportawards.qld.gov.au or contact Tim Bastian at the Department of State Development and Innovation in Townsville on: (07) 4799 7415.

Applications submitted for regional awards will automatically be considered for the State awards.

AN agreement has been signed with the Port of Brisbane for Townsville Port Authority to act as an issuing agency for the Maritime Security Identification Card (MSIC). The process will involve an online application and induction.

Applicants will be required to sign a consent form for an Australian Federal Police check and cards will be issued following receipt of a letter from the issuing body. It is expected that the process will take a total of 3-4 weeks.

The MSIC will be for identification purposes only and will not be used as an access card.

It will be required in all landside restricted zones, water-side restricted zones and the ship-to-shore interface area. Anyone requiring access to these areas without an MSIC will need to be escorted at all times.

Berth operators will have their own control measures in place and the process may vary from berth to berth. Visitors to berths should contact the berth operator to ascertain the correct procedures and requirements before entering the area.

An MSIC is a nationally-recognised security identification card for the maritime industry. It shows that you are cleared to enter and work in maritime security zones of Australian ports, ships and offshore oil and gas facilities.

Having an MSIC won't entitle you to automatic entry to any or all security zones but it does show that you have successfully completed the background checking process required to enter these zones. You also need to have a genuine work-related reason to be in a security zone and need to follow the facility operator's standard occupational health and safety procedures when entering these zones. A separate access card issued by your employer may also be necessary.

For further information please contact Townsville Port Authority on (07) 4781 1500.

Customs Corner

CUSTOMS protect all 37,000 kilometres of Australia's border through the strategic use of intelligence, surveillance and response capabilities.

An extensive network of district offices around the country, including north Queensland, provide a physical Customs presence in locations where international shipping takes place. The Townsville District Office monitors the movement of people and cargo through regional ports, including the Port of Townsville.

Why is Customs needed at the Port?

One of Customs' primary roles is to facilitate trade and movement of people across the Australian border while protecting the community and maintaining appropriate compliance with Australian law.

When a Customs officer boards a ship they are not only representing Customs, they are often acting on behalf of other government agencies such as the Department of Immigration, the Australian Maritime Safety Authority, and the Department of Transport.

Customs is responsible for collecting duty, checking the identity of crew and passengers and searching the vessel's cargo and surrounds for incorrect reporting or prohibited items.

The primary function of Customs is not that of a security agency, it is one of several Federal and State agencies with a role of countering terrorism. The waterfront environment is one of two ways in which illegal goods or people can enter Australia and that is why Customs must protect it through increased security.

Customs may not have a constant physical presence at the Port but its eyes are on the Port all the time by way of a continuous closed circuit television monitoring system.

What is Customs looking for?

Customs is responsible for detecting and seizing prohibited items such as drugs, weapons, wildlife products, and goods which breach intellectual rights.



What activity is Customs interested in?

In the Port environment Customs pays particular interest to visitors of international vessels and their reasons for being there, items being taken on board or removed from a ship, and the movements of crew and passengers.

Which areas does Customs operate in?

Customs officers predominantly operate in Customs-controlled areas enforcing the powers of the Customs Act. At the Port of Townsville the Customs-controlled areas are the wharves. However, officers can work in all areas of the Port under the Maritime and Transport Security Act.

Officers routinely patrol the waterfront area and have the powers to conduct baggage searches and ask anyone to produce photo identification. If someone cannot provide satisfactory identification or does not have a legitimate reason for being there, officers can ask them to leave the Port. Customs asks that Port workers understand the importance of Customs duties in protecting the Port of Townsville and assist officers if required.



supPORTing OUR ENVIRONMENT

Dredging Works Explained



SINCE the early days of the Port in the late 1800's vessel sizes and trade demands have increased, requiring the Port facilities to keep pace accordingly. Routine dredging maintains navigable depths and, thus, preserving safety and minimising vessel restrictions.

Analysis of historical records shows that average annual maintenance dredging requirements at the Port of Townsville have been approximately 170,000-200,000 cubic metres each year with 460,000 cubic metres being the maximum recorded emergency dredging. This was undertaken in 1971 following cyclone Althea.

Dredging and the disposal of dredged material is a significant component of the general maintenance, operations, and future development of the Port of Townsville and is essential to the sustainability of the region.

Dredge material may be disposed at sea or on land in accordance with relevant State and Commonwealth regulations. Dredging requirements are considered against a variety of environmental and commercial factors to ensure the Authority applies the most appropriate dredging program and dredge material disposal method.

Monitoring

Since 1991, the Port has been involved in over 36 individual studies in and around the Port relating to dredg-

ing or sediment quality. These investigations have improved the Authority's understanding of the existing environment and allow the implementation of sound environmental and dredge management practices.

The Authority's sediment monitoring program provides essential information to the Authority and regulators regarding dredge disposal options.

This program involves the collection of 242 sediment samples quarterly from the inner and outer harbours, Ross Creek, Ross River, and the access channels.

The samples are analysed by an independent laboratory and results are reported to Port customers, the TACC*, and included in the Authority's annual report. Dredge disposal options are determined by the results of this program and agreement by the TACC.

Dredging

Minor dredging works are undertaken by Townsville Port Authority using its own equipment. Major dredging works are contracted out. A large proportion of the contracted dredging work in the Port of Townsville is undertaken by the dredge *Brisbane* which is owned by the Port of Brisbane. Prior to dredging work, contractors must supply an Environmental Management Plan to the Authority and meet all legislative requirements.

The *Brisbane* is a cutter suction dredge, essentially loosening the sediment with a cutter head and suctioning the sediment into the hopper. This sediment is either pumped to land or placed in the licensed sea disposal area.

To prevent injury to turtles the *Brisbane* is fitted with turtle exclusion devices and tickler chains. The tickler chains run before the dredge head and are designed to wake any sleeping turtles. This enables them to avoid the dredge. The exclusion devices prevent the turtles from being caught in the suction and divert them around the dredge.

Maintenance dredging is necessary to ensure safe navigation to and from the Port. Dredging activities are regulated and licensed by State and Commonwealth agencies and the Authority works closely with these agencies to ensure that dredging is undertaken in an environmentally sound manner.

**The TACC is a Technical Advisory Consultative Committee comprised of Port stakeholders and regulators including representatives from the Department of Environment and Heritage, Environmental Protection Agency, Great Barrier Reef Marine Park Authority, Townsville City Council, Department of Primary Industries and Fisheries, and Maritime Safety Queensland.*



AQIS Pest of the Month

Khapra Beetle



KHAPRA BEETLE is one of the world's worst stored-product pests. When inspecting vessels that come into the Port of Townsville, AQIS officers are on the look out for this pest.

Adult beetles are brownish and 2-3 millimetres long. Immature larvae are up to 5 millimetres in length and are covered in dense, reddish-brown hair. Accurate identification of khapra beetle is difficult because it looks similar to many species native to Australia.

Adult female khapra beetles can lay from 50-100 eggs at a time, and produce up to nine generations each year.

The larvae are voracious feeders on grains, seeds, spices, herbs, nuts, and dried fruits. However, the larvae can also survive without food for several years, enabling them to be carried around the world on shipping containers and vessels. Khapra beetle larvae have even been found in shipments of canned products, rubber, and clothing.

Australia provides an ideal environment for this pest, and the establishment of the khapra beetle here would affect the grain industry by making export and domestic grain more expensive because of treatment costs.

Cargo and products from countries with khapra beetle require careful inspection by Australian Quarantine and Inspection Service officers.

For more information contact the AQIS Townsville Office on (07) 4789 7888.

Under the Microscope - Maritime Safety Queensland

Name: Maritime Safety Qld
 Location: 60 Ross Street, South Townsville
 Regional Harbour Master, Townsville: Captain John Preston
 Employees: 11 full-time, one part-time. Six pilots and one pilot manager contracted.
 Website Address: www.msq.qld.gov.au

MARITIME Safety Queensland (MSQ) is a Government agency attached to Queensland Transport. MSQ's role is to protect Queensland's waterways and the people who use them - providing safer, cleaner seas.

The agency sets the regulatory framework for maritime safety. It also has a program of maritime safety advice and education and is responsible for commercial vessel registration and licensing.

It provides response to marine pollution and essential maritime services such as port pilots and aids to navigation.



Pilot boarding a vessel.

Who is the Harbour Master?

One of the most important jobs in any Port is the Harbour Master. The Harbour Master has the ultimate responsibility for the safe navigation of ships within port limits.

The Harbour Master can also issue directions, including: the time and manner in which a vessel may enter or leave port waters; the navigation and movement of vessels within port waters; the position of vessels and how they are anchored; the time and manner of discharging cargo, stores, fuel, fresh water, or ballast; the securing or removal of a vessel from port waters; requiring a pilot to remain on board an anchored vessel; and prohibiting entry of any vessel in imminent danger of sinking or removing any such vessel.

The Harbour Master is also responsible for deciding whether to direct ships out to sea when a cyclone is imminent.

Pilots

Maritime Safety Queensland directly provides pilotage services in all Queensland ports except Brisbane. A marine pilot goes aboard vessels such as freighters, tankers, and passenger liners outside the Port of Townsville. After making their way to the bridge of the vessel, the pilot guides the vessel through the Sea and Platypus channels to its designated berth. When the vessel is ready to leave, the pilot again guides the vessel safely out of Port.

Major Maritime Incidents

Under the national plan to combat pollution of the sea by oil and other noxious and hazardous substances, the agency works closely with the Australian Maritime Safety Authority and represents the Federal Government in Queensland in coordinating the response to major maritime incidents.



The Harbour Master is ultimately responsible for the safe navigation of ships within port limits.

Mission Statement

MSQ aims to manage the safe and environmental sustainable movement of vessels using Queensland waters.

Major Customers

MSQ's major customers in Townsville include the general public, commercial and recreational vessel operators as well as Townsville Port Authority.

History

MSQ began operations in October 2002, superseding the former Maritime Division of Queensland Transport to which the new agency remains attached. It is committed to the safe, efficient and environmentally sound use of Queensland waterways.

In Brief - News From Around Townsville Port

Maintenance Works

Just over \$10 million has been spent on maintenance works at the Port of Townsville this financial year. This figure amounts to the most ever spent on Port infrastructure maintenance in the Authority's history.

This is the fourth year in a five year program to bring Port infrastructure up to the highest possible standard. This will increase our infrastructure's longevity and reliability to meet the requirements of Port users.

Mission to Seafarers

Townsville Port Authority has answered a call from the Mission to Seafarers and donated \$2,500. A number of other Port users such as NSS, Queensland Nickel and Adsteam have also contributed to the Mission.

Each year the Mission to Seafarers records over 10,000 visits from crew and Port personnel. If your organisation wishes to donate to the Mission please call Graham Miller on 4772 2774.

Berth 7

Invitations to quote regarding the provision of engineering services for works on Berths 7 and 8 have been advertised in the media. The Authority is also in discus-

sion with Xstrata to transfer shiploading operations from Berth 7 to Berth 8, and the eventual demolition of Berths 6 and 7. This would give panamax-sized vessels the ability to dock on Berths 4 and 8. It is intended that Berth 8 will still be available for other users. The project is due to be completed in approximately two years.

Feedback Survey Results

A breakfast will be held for Port users at the Southbank Hotel and Convention Centre on June 21 to present the results of the customer feedback survey. All those who completed the survey and attend the breakfast will be in with a chance to win a bottle of 1999 Grange Hermitage worth \$450.

USS Chung Hoon in Port

The American navy vessel *USS Chung Hoon* arrived at the Port in May.

Launched in 2002, the *USS Chung Hoon* is an Arleigh Burke-class destroyer and can travel at a speed of 30+ knots. The vessel is 155 metres in length and has a crew of approximately 300.

Barry Holden, Townsville Port Authority Chief Executive Officer, said: "We are pleased to be able to facilitate the

maiden voyage of this vessel to the Port of Townsville. Special thanks should go to the Port officers, Port customers and service providers for their co-operation and assistance in juggling commercial shipping around this naval visit - without them it would have been extremely difficult to make it happen."

Dredging

Dredging works in Ross River, being undertaken by Hall Contracting, are running to schedule with over 80,000m³ of sand brought ashore from the downstream section of the channel. The dredge will move up into the area adjacent to Ten FSB Terminal for further works.

Dredging works are also underway in the area of Berth 7 and will continue throughout the year. The main focus is on the berth pockets.

Townsville to Magnetic Island Swim

Four Townsville Port Authority employees are gearing up to take part in the Townsville to Magnetic Island Swim at the end of July. If they pass a qualifying swim of 2.5 km in under 44 minutes each, the team will be set to compete in the Swim.

The Authority has also donated \$6,000 to the event.

When Permits Are Required

A permit is required for certain prescribed activities if undertaken within the Port of Townsville, these include, but are not limited to:

- hot work - on or within facilities or ships;
- excavation and trenching;
- fumigation;
- diving or any underwater activities;
- bunkering by road tanker;
- work on high voltage electrical installations;
- sand blasting and other types of blasting;
- erection of temporary or permanent structures;
- immobilising a ship;
- operation of propellers at a wharf;
- placing of buoys or moorings;
- heavy lifts;
- hull cleaning; and
- clean fill discharge.

These activities require permits as they carry inherent safety or environmental risks that need to be addressed or it is imperative that the information resulting from these works is recorded by the authority for future reference.



A permit is required for any diving or underwater activities carried out in the Port of Townsville.

The most commonly-lodged permit is for excavation and trenching works. Prior to the Authority granting an excavation/trenching permit a service search (of our current records) is undertaken, ensuring that any existing services are not damaged from any works.

After the work has been completed the Authority's records are updated to ensure accurate information can be provided to lessees regarding the location of site works.

Permits also enable the Authority to ensure port safety by separating incompatible works, for example, preventing hot works on the berth where dangerous goods are being unloaded.

All permits issued are recorded on the Townsville Port Authority Permit Register. It is an offense not to obtain these permits from the Authority prior to commencing any works.

Further details can be obtained from the Authority on (07) 4781 1600 or via email: kduggan@townsville-port.com.au.

Port Authority Employee Wins Prestigious Award



A Townsville Port Authority employee has taken out the 1st Year Boilermaking Apprentice of the Year Award from a field of approximately 90 contenders.

David Stephan was presented his award at the Townsville Engineering Industry Focus Group Apprentice of the Year Awards which were held at the Barrier Reef Institute of TAFE.

David joined the Authority as its only apprentice at the end of March last year. He is pictured here with Engineering Supervisor, Wayne Connell.

In recognition of his achievement, the Authority also presented David with a \$100 voucher to a store of his choice.

Making a Complaint

ANYBODY has the right to express any complaints or grievances they may have with the Authority or the services with which they are provided.

Townsville Port Authority aims to ensure any complaints received are addressed promptly and effectively, in accordance with our complaints handling procedure. Any complaints received are treated confidentially, taken seriously, and appropriately investigated.

When submitting your complaint, you are required to provide your name and contact details, to enable us to keep you informed of any progress. All complaints received are entered into an official complaints database. It is important to provide as much information as possible to ensure all details and issues are followed up.

An acknowledgement of the complaint will be sent within three working days of its receipt. In most cases the complaint should be resolved within 15 working days of receipt. If this is not possible, an update will be provided specifying the likely time frame for resolution.

Complaint follow up is directed by our Public Affairs Officer to the appropriate manager/officer, who then investigates and reports on the matter.

Exactly how the investigation is carried out depends on the nature of the complaint. Investigations could involve anything from meeting with organisations, monitoring a site, or referring the matter to an appropriate agency.

If you have a complaint, please put it in writing to the Public Affairs Officer by post, fax, email, or by using the Authority's website form.

events

june

19 (thc): Townsville Port Authority Admin Building renaming in honour of A.G. Field, former board member.

20: Next Red Cross visit to the Port 8.30 a.m. - 3.30 p.m. To make a booking call the donor mobile on 0411 669 331.

21: Customer Breakfast Presentation on results of Feedback Surveys.

july

19: Port Advisory Body Meeting.

25-27: Queensland Mining Expo.

Stage Two of Environmental Park Works Commence

WORK has commenced on Stage 2 of the environmental buffer zone between the Port and nearby residential areas.

Stage 2 will involve the construction of footpaths from Boundary Street through to Bell Street.

Landscaping works will be carried out between Hubert Street, Cannan Street, and Bell Street. This includes irrigation and planting garden beds, mounds, trees, shrubs, and some grassed areas.

The project will be substantially completed by the end of June 2006.

The environmental park was developed to provide a buffer between the Port's activities and the nearby residential areas and provide a quality natural area for use by the local community.

The environmental park project was launched in November 2000 and Stage 1 of the park was completed in November 2003.

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This newsletter is a regular, free publication of Townsville Port Authority. An on-line version of this and other publications is available at www.townsville-port.com.au.

To submit suggestions for articles on Townsville Port and the shipping industry for future editions email publicaffairs@townsville-port.com.au.

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