



The Cowboys are our team

A new community partnership will see Cowboys legends visiting our region in 2017

Paving the way forward

A \$2.3 million Harbour Road East project to streamline the Port of Mackay's busiest intersection is now complete

Waterway report card

Working together to help the region better understand the health of our local waterways

Dust study at Hay Point

A recent scientific study shows positive results for air quality



At North Queensland Bulk Ports, we are proud of the role we play in the community and the State's economy.

We facilitate global trade for a wide range of bulk commodities, leading the sustainable development of our ports and building prosperity for all Queenslanders.

These ports, which include not just Mackay and Hay Point, but also Abbot Point and Weipa are gateways for more than half of Queensland's trade by tonnage every year.

Whether it be the economic contribution we make together with our customers through trade; the community partnerships we build; or the spectacular environment we actively and closely safeguard, one of our values is to lead the way.

In this edition, we are pleased to share some recent highlights from our key community and environmental programs.

One of the ways we are supporting our region is through a new partnership with the North Queensland Cowboys. Our organisations are joining together under a three-year community partnership which features a program that reaches across all of our port communities.

You can read more about our partnership on page 3. Don't forget to also follow NQBP on Facebook, where you'll be able keep track of the Cowboy greats and our local school students in 2017.

To learn more about our local environment, check out page 5, which features information about our comprehensive seagrass monitoring program – a critical indicator of waterway health.

This will be a year of delivery for NQBP and I look forward to keeping you up to date with the latest from your port.

Steve Lewis
CEO, NORTH QUEENSLAND BULK PORTS



TRADE FACILITATION

Upgraded road paves the way forward

A major infrastructure upgrade at the Port of Mackay has set a smooth road ahead for increased trade.

The \$2.3 million Harbour Road East project involved streamlining the port's busiest intersection and constructing a new laydown area.

The road improvements rounded off a great year of enhancements in 2016, making the port more attractive for new customers and positioning it for growth in 2017 and beyond.

EPOCA's James Vazquez says the project will be remembered as a good local achievement for their business.

"As a company who has been in Mackay for more than 40 years it's always great to be involved in these projects that support ongoing development."

The upgrade was part of the State Government's Accelerated Works Program and is an example of how NQBP is working to actively facilitate trade and encourage growth in the region.



COWBOYS LEGENDS BRENT TATE AND MATT BOWEN WITH ST JOSEPH'S CATHOLIC PRIMARY SCHOOL STUDENTS.



PORT COMMUNITIES

Cowboys are our team

When it comes to putting the north Queensland community first, NQBP and the North Queensland Cowboys are on the same side.

The two proud regional Queensland organisations launched a community-based partnership late last year, centred on their shared vision to see communities thrive even during challenging times.

The partnership will see Cowboys legends Brent Tate and Matt Bowen make a number of visits to the port communities of Mackay, Sarina, Bowen and Weipa during 2017.

The former players will present to hundreds of local children and teach them the importance of teamwork and school attendance.

Cowboys CEO Greg Tonner says the partnership with NQBP is like a great friendship.

"Together we are working with the very institutions that lie at the heart of NQ

communities – our schools," says Mr Tonner.

"If we can help students stay engaged in learning and encourage them to be healthy and active, we're on the way to ensuring prosperous and sustainable regional communities for the future.

"In addition to the school visits, the Cowboys legends and development staff will also conduct children's training sessions."

Brent and Matt have already delighted and inspired kids at four schools in the Mackay area including St Joseph's Catholic Primary School, Beaconsfield State School, Andergrove State School and MacKillop Catholic Primary School.

"What we saw at these schools is that the Cowboys have an ability to affect kids and create social change. To see the looks on their faces and to hear how they respond is very rewarding," says Mr Tonner.



COWBOYS MASCOT BOOTS WITH JOEY AND CHRISTINA BROWN.

COWBOYS
community partner



ENVIRONMENT

Report card shows some positive results

Every six weeks environmental scientists from James Cook University are taking water samples across the region on behalf of NQBP, as part of a long running commitment to monitor the quality of our local waterways.

The comprehensive monitoring program (which also looks at seagrass and coral health), combined with input from technical experts and an annual grant of \$100,000 is NQBP's contribution to the Mackay-Whitsunday Healthy Rivers to Reef Partnership Annual Waterway Health Report Card. Partnership's Chair Di Tarte says the report card helps the community better understand the health of our waterways.

"It shows us what is happening behind the scenes with the health of one of the region's most important natural

resources – water. Whether it be our rivers or our beautiful marine area.

"The latest report shows the majority of areas receiving moderate scores (C). A number of areas were flagged as poor (D), particularly freshwater basins.

"The offshore marine zones continue to score a good (B) overall.

"Importantly, the research showed the number of juvenile coral increased in the offshore marine zone, and this is a positive indicator for Reef health.

"The scores indicate the current state of our waterways but most importantly they can now be used to inform management action. They show us where changes need to occur to improve our regional water quality, including some areas that require immediate attention, funding or resources," she said.

Download the report card, healthyriverstoreef.org.au.



NQBP'S SENIOR ENVIRONMENTAL COORDINATOR NIKKI STOKES (SECOND LEFT) WITH TECHNICAL WORKING GROUP MEMBERS EMMA CARLOS, DR JUDITH WAKE AND CARL MITCHELL.

NEW TRADE TO COME OUT IN THE WASH

A new wash-down facility and quarantine approved premises at the Port of Mackay is helping boost trade to the region.

Northern Stevedoring Services (NSS) has installed the federally certified facility, which means mining equipment and other cargo requiring special treatment for quarantine purposes can be offloaded and processed through the Port of Mackay.

For the region's businesses, the facility is an upgrade to the level of services available at the port and will see it become more strategically important to the local resource sector.

The first cargo to be put through the facility was 8,000 freight tonnes of mining equipment on behalf of Theiss.

The new services from NSS complement a range of works and initiatives NQBP is pursuing to actively attract additional trade through the Port of Mackay.

DUST STUDY AT PORT OF HAY POINT

Microscopic pieces of insects or plants make up most of the dust particles at a number of community monitoring sites at Hay Point and Mackay.

A recent study into the sources of dust in the community, found the coal export terminals at the Port of Hay Point were not a significant contributor to respirable dust and related health issues.

Community sample sites recorded no exceedances of National Ambient Air Quality Standards for the duration of the 15-month sample period – in fact, they were all well below.

The study collected three different samples sizes of dust. Between 75-95% of the dust at community testing sites were made up of insect or plant matter.

The black colour of the dust is made up of soil, soot, mould, diesel particulates and coal. The full report has been presented to our Hay Point Community Reference Group. The Executive Summary is also available on our website.

SEAGRASS MONITORING

What is seagrass?

- Seagrass is a flowering plant that grows in the ocean. It has pollen and produces seeds and is the only underwater plant that flowers
- Seagrass needs light, sediment and nutrients to thrive
- There are 15 different seagrass species in Queensland
- In Queensland ports the two main habitat types are:



Shallow coastal

Dense large species like *Zostera muelleri* (strap leaf type)

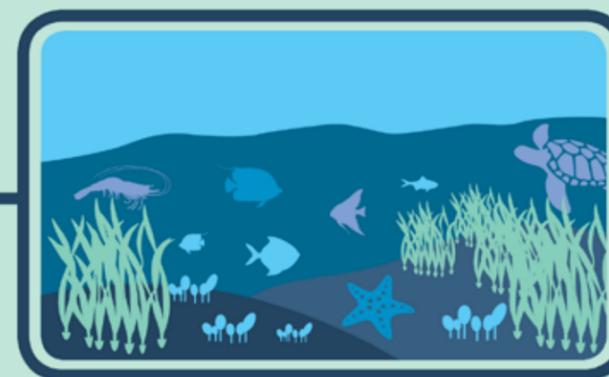


Deeper water

Sparse small species such as *Halophila ovalis* (oval leaf)

Why is seagrass important?

- Nursery for marine life (invertebrates, fish)
- Food source for turtles and dugongs
- 35 times more efficient at storing carbon than a rainforest
- Sediment stabilisation



OUTCOMES

WEIPA

- Annual monitoring
- Baseline in 2000
- Over 4,000ha of seagrass within port limits
- Resulted in major advances in understanding the drivers of tropical seagrass change

ABBOT POINT

- Annual monitoring
- Baseline in 2005
- Over 20,000ha of seagrass within port limits
- Dense shallow seagrasses along the coast; sparser deepwater seagrasses further offshore
- Research into seagrass productivity, recovery and resilience
- Light, temperature and water quality monitoring

MACKAY

- Annual monitoring
- Baseline in 2001
- Remapping of seagrass in October 2014
- Over 568ha of shallow and deepwater seagrass
- Light, temperature and water quality monitoring

HAY POINT

- Annual monitoring
- First monitoring program in Australia to address deepwater seagrass
- Baseline in 2004 and 2005
- 6,800ha low cover deepwater seagrass in 2004
- Specific monitoring in relation to dredging in 2006 to 2008
- Light, temperature and water quality monitoring

MONITORING

TECHNIQUES



Underwater camera



Grab samples



Free divers



Helicopter/aerial



Light logger



Sediment cores

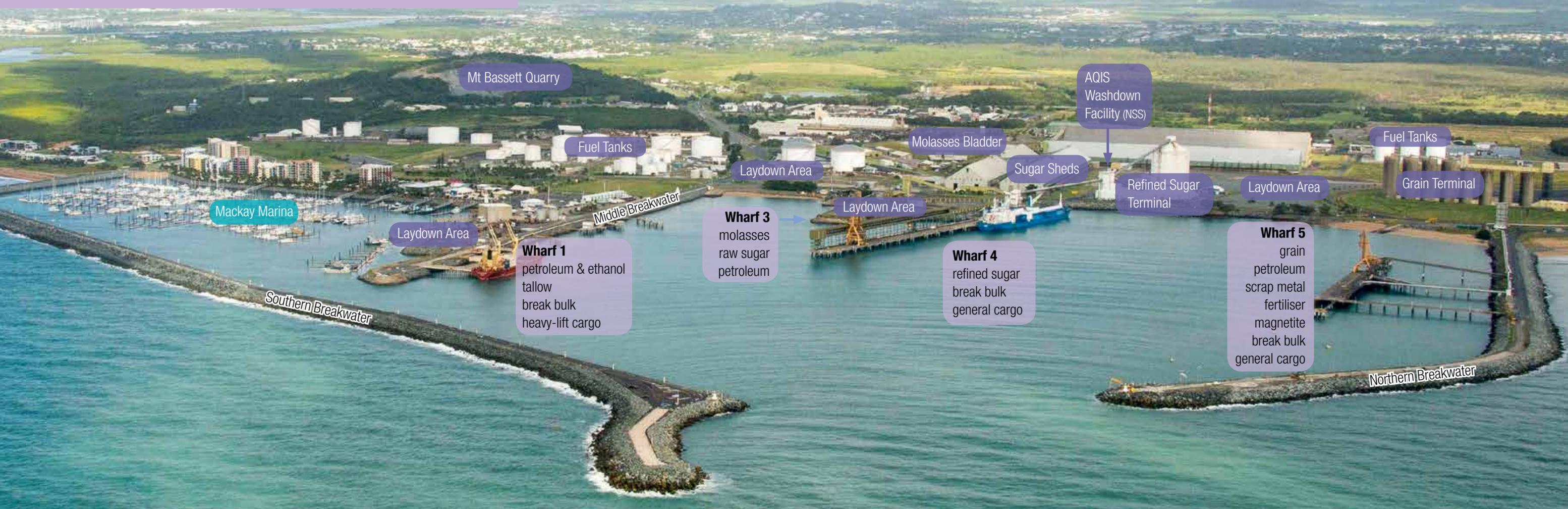
MEASURES

- Coverage
- Density
- Variables
- Light
- Temperature
- Water quality

WHY

- Measure and manage port environment health
- Assists with port planning and operations
- Ensures protection of key marine habitats
- Provides a state-wide network for determining seagrass condition

Inside the Port of Mackay



5x FUEL IMPORT TERMINAL OPERATORS	2x SCRAP METAL EXPORT OPERATORS	1x REFINED SUGAR EXPORT OPERATOR
4x RAW SUGAR EXPORT SHEDS	2x FERTILISER IMPORT OPERATORS	1x ETHANOL EXPORT OPERATOR
2x MAGNETITE IMPORT OPERATORS	1x GRAIN EXPORT OPERATOR	

MAJOR PORT USERS

Fuel

- BP
- Pioneer Energy
- Puma Energy
- Caltex
- Viva Energy
- Wilmar Bioethanol

Sugar

- Sugar Australia
- QSL
- Mackay Sugar
- Magnetite**
- Tasmania Mines
- Martin & Robson

Grain

- Graincorp
- Tallow**
- Thomas Borthwick & Sons
- Scrap Metal**
- OneSteel Recycling
- Sims Metal



TENANT PROFILE

A place for everything

To the casual observer, ‘a place for everything and everything in its place’ could be KRB Logistics Resources’ motto, but that’s only part of the story.

The company’s warehouse and distribution facilities at 113 Spiller Avenue, service Mackay and central Queensland customers covering a wide range of commodities and finished goods.

“We offer professional warehousing and logistics services to businesses that cannot justify the cost of in-house expertise or simply don’t have the space to dedicate to this vital aspect of their operations,” says KRB Logistics Resources founder Kelvin Bullock.

“Our modern and secure facilities have all-weather transport capabilities, supported by skilled staff and state-of-the-art computer systems to seamlessly manage the reception, storage and dispatch of our customers’ products.”

Kelvin says successful businesses have always focused on cost-effective and efficient best practice management solutions – and that’s the foundation upon

which KRB has built its reputation since 1997.

“We currently support the distributors of commodities to industries throughout the region including mining and sugar, as well as providing ‘off-site’ services for major national retail customers,” he says.

Kelvin and General Manager Lorelle Flynn’s professional backgrounds in purchasing, materials management, accountancy and corporate administration give them the experience and insights that customers need.

“Because of increasing customer demands and supply alternatives, the logistical challenges for businesses today are more complex than ever,” says Lorelle.

“Knowing there is an expert team managing that aspect of your business means greater peace of mind.”

Kelvin believes KRB’s ongoing success rests with its dedication to understanding customer needs.

“It’s our business to know and understand customer needs with the goal of providing an ultimately economic and hassle-free service,” he says.

Stay in touch

Find out more about your port. Follow us on Facebook and Twitter or sign up for our newsletter by visiting nqbp.com.au



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KRB LOGISTICS RESOURCES' KELVIN BULLOCK, LORELLE FLYNN AND BEN JOHN.

