

# Port of Hay Point Community Reference Group

**CHAIR: BRENDAN WEBB**

7 FEBRUARY 2019



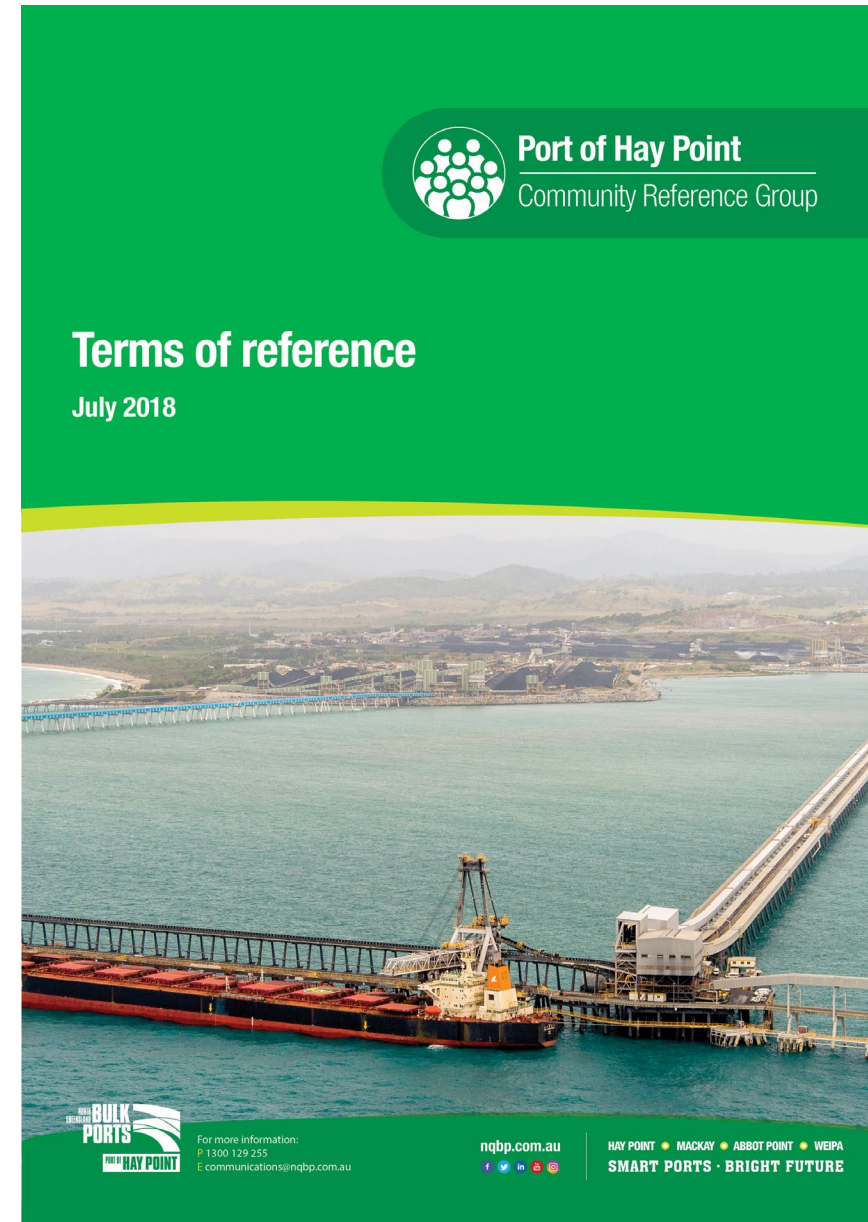
**SMART PORTS • BRIGHT FUTURE**  
HAY POINT • MACKAY • ABBOT POINT • WEIPA





## CRG agenda

- Welcome to Country
- House-keeping
- Apologies
- Conflict of interest
- Correspondence and questions
- Actions register



# NQBP OPERATIONS

## Chair and General Manager Trade and Operations

### Brendan Webb

## Trade update



- DBCT produced the highest volume of coal exports in Queensland at 69.5 million tonnes (2018 figures)
- HPCT exported 48.9 million tonnes
- Queensland coal exports for 2018 totalled 223 million tonnes
- 1% increase on the 221 million tonnes record from 2016
- Coal industry contributed \$43.4 billion to Queensland's economy in 2017-18 (QRC data)
- Majority from Hay Point is metallurgical coal





## Port security advice for the general public



In the event of a heightened or exceptional security level being declared at the Port of Hay Point, additional security measures will be put in place on both the land and sea around the port. Boat skippers operating in the port area will need to be mindful to always observe restricted areas on the water.

### Security levels

The following three security levels have been adopted by the government and maritime security industry across Australia.

- **Level 1 (Normal):** the level for which minimum appropriate protective security measures will be maintained within the port.
- **Level 2 (Heightened):** the level for which appropriate additional protective security measures will be maintained, for a period of time, as a result of the heightened risk of a security incident.
- **Level 3 (Exceptional):** the level for which further specific protective security measures will be maintained, for a limited period of time, when a security incident is probable or imminent, although it may not be possible to identify the specific target.

It is expected that Levels 2 and 3 would be rare, short-term events. The Federal Government will notify ports when the security level has been raised, based on intelligence advice.

### Public access land-side

Dalhrymple Bay Coal Terminal, Hay Point Services Terminal and the Half Tide Tug Harbour all have security gates. Unauthorised public access is not allowed beyond these gates or the perimeter fences.

Also, please note that access to the rock walls beyond the tug harbour gate is not allowed at any security level.

Access to the viewing area under the NQBP building at the top of Honyu Maru Drive may be restricted at heightened security levels.

### Public access water-side

**Half Tide Boat Ramp**  
Under normal circumstances, there will be no restriction on the boat ramp. Restrictions may apply at Level 2 based on the threat and at Level 3 it would most likely be closed completely.

**Half Tide Tug Harbour (Tug Enclosure)**  
No access to the waters inside the tug enclosure exists at any level for any unauthorised vessel. Signs have been posted identifying the restricted area (see water-side restricted zone on map over the page).

**Coal Terminal Jetties and Wharves**  
Unauthorised vessels are currently not allowed to pass under, or moor under, either the coal terminal jetty or wharf structures at Hay Point, staying 50 metres clear of the structures. This has been the case for some time and was originally prompted by the safety concerns of the terminals. This restriction remains and will be enforced.

## Updates from previous meeting

### Exclusion Zones

- Three security levels
  - Normal
  - Heightened
  - Exceptional
- Need understanding and assistance in meeting our security obligations

### Boat ramp permit process

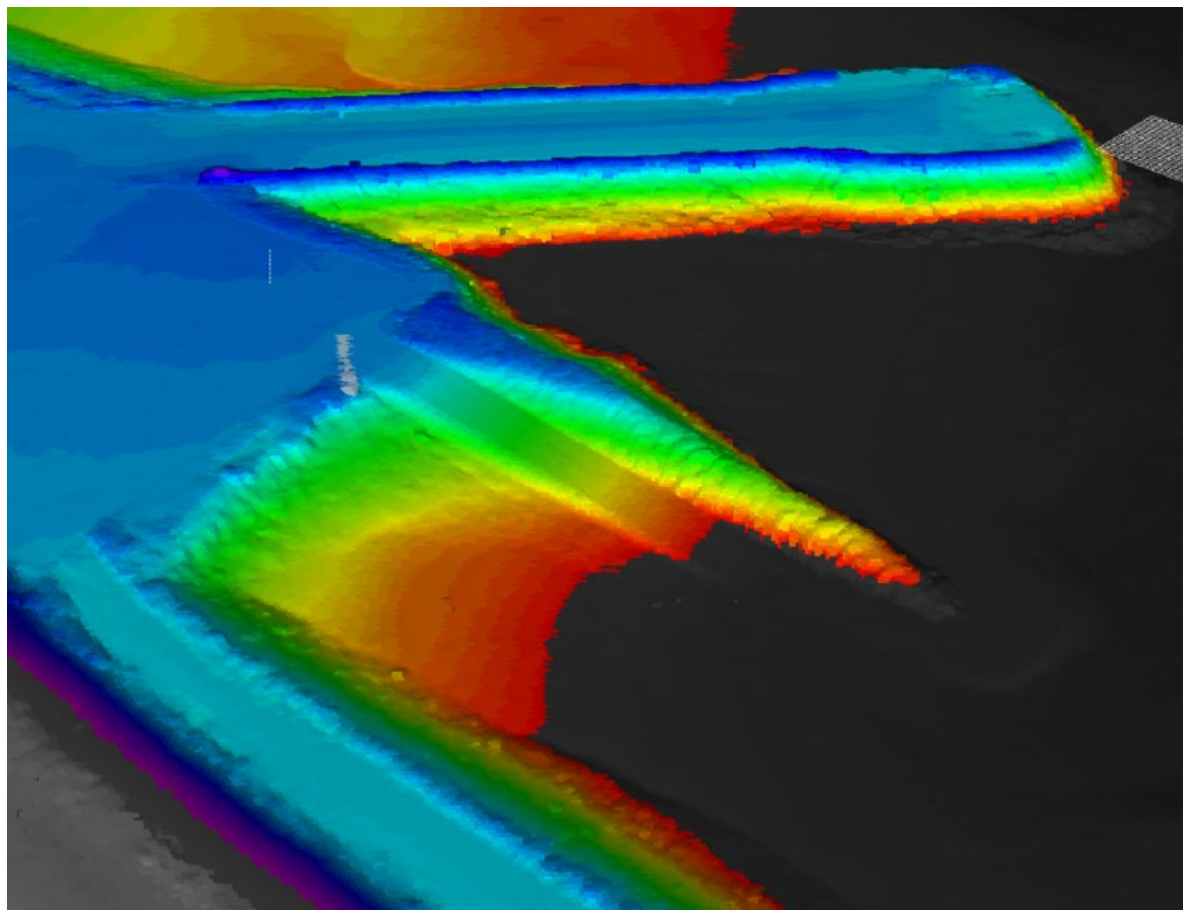
- We have a permit to occupy process across our ports
- If any closures or work is happening at the boat ramp which you have not been notified about, please let us know

# NQBP PROJECTS

Acting General Manager Engineering and Development  
Tim Lewis

## Half Tide Tug Harbour stairs

Engineering team will look into options and consult the CRG through the process



*Half Tide boat ramp*



*Half Tide boat ramp and a Sandvik barge movement 2018*



## Half Tide Tug Harbour floating walkway

- Car found on Tuesday morning
- Boat ramp closed for safety reasons and police notified
- Initial safety and structural inspections completed
- Some damage sustained needing repairs
- Weather permitting final safety checks will be made on Friday prior to the facility being re-opened



*Image provided to NQBP on Tuesday morning*



## CCTV Project

- The Mackay/Hay Point CCTV upgrade project has been initiated to address security requirements across both ports
- Cameras will cover the boat ramp and car park, the Tug Harbour and surrounding Port area
- These images will be made available to police if and when required



*The Half Tide boat ramp will be captured by the new camera*

## VTs Building upgrade

- Renovations planned to upgrade the internal fixtures and fittings to both floors
- Works are in detailed design stage
- Tenders expected to be released end of February
- Works to commence approx. April/ May
- Duration expected to be approx. 12 weeks
- Some disruption likely to the public viewing platform during construction works



*VTs Building*

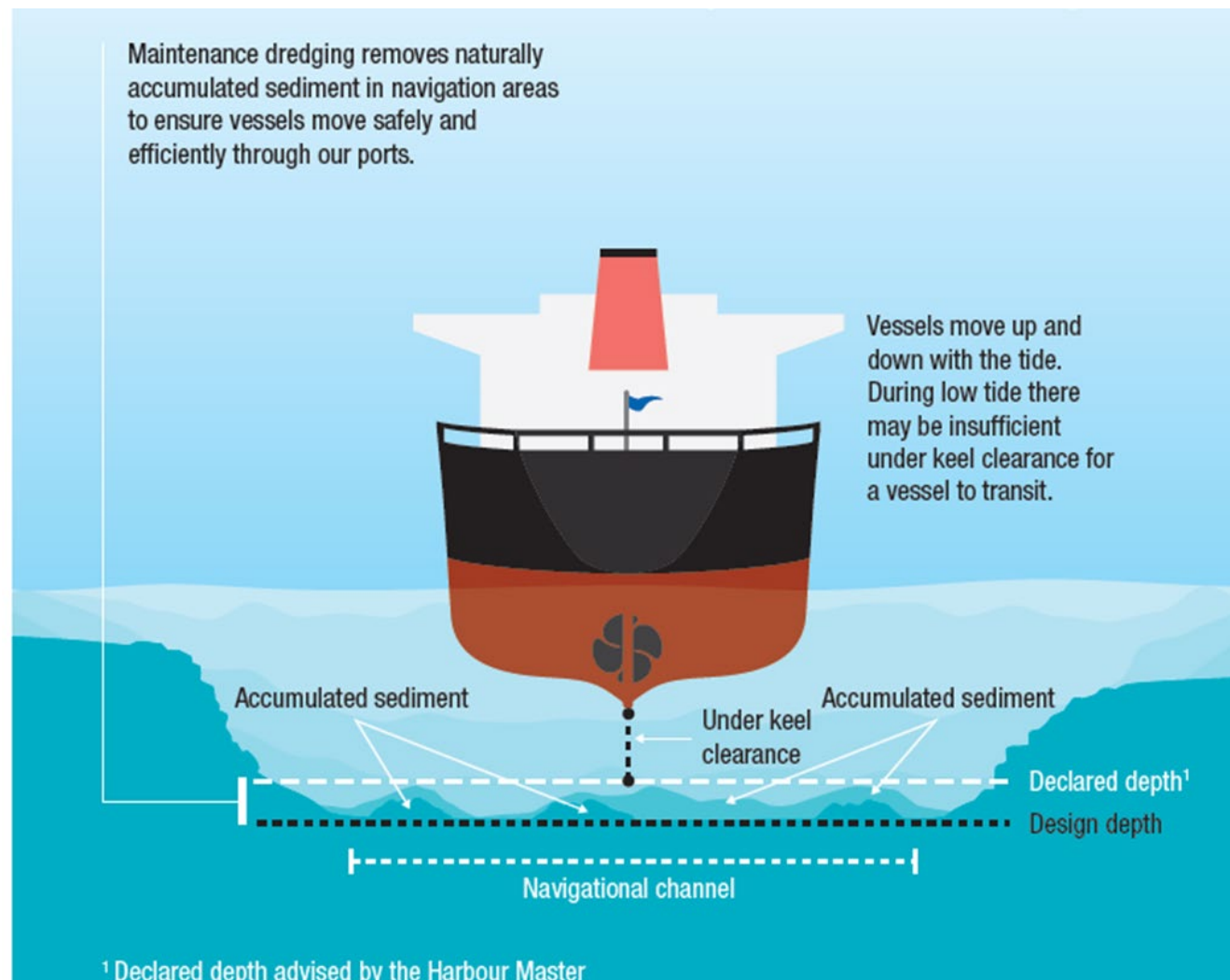


# HAY POINT MAINTENANCE DREDGING

## Principal Asset Manager John Hinschen

## Hay Point maintenance dredging program

- Maintenance dredging program will start late March 2019 for 40 days
- Dredge vessel will operate 24 hours a day
- Work will occur in berth pockets, in the apron and departure path and inside Half Tide Tug Harbour
- Other program vessels include survey, a support tug, crew transfers and bed levelling
- Potential increase in security presence







## Maintenance dredging operations

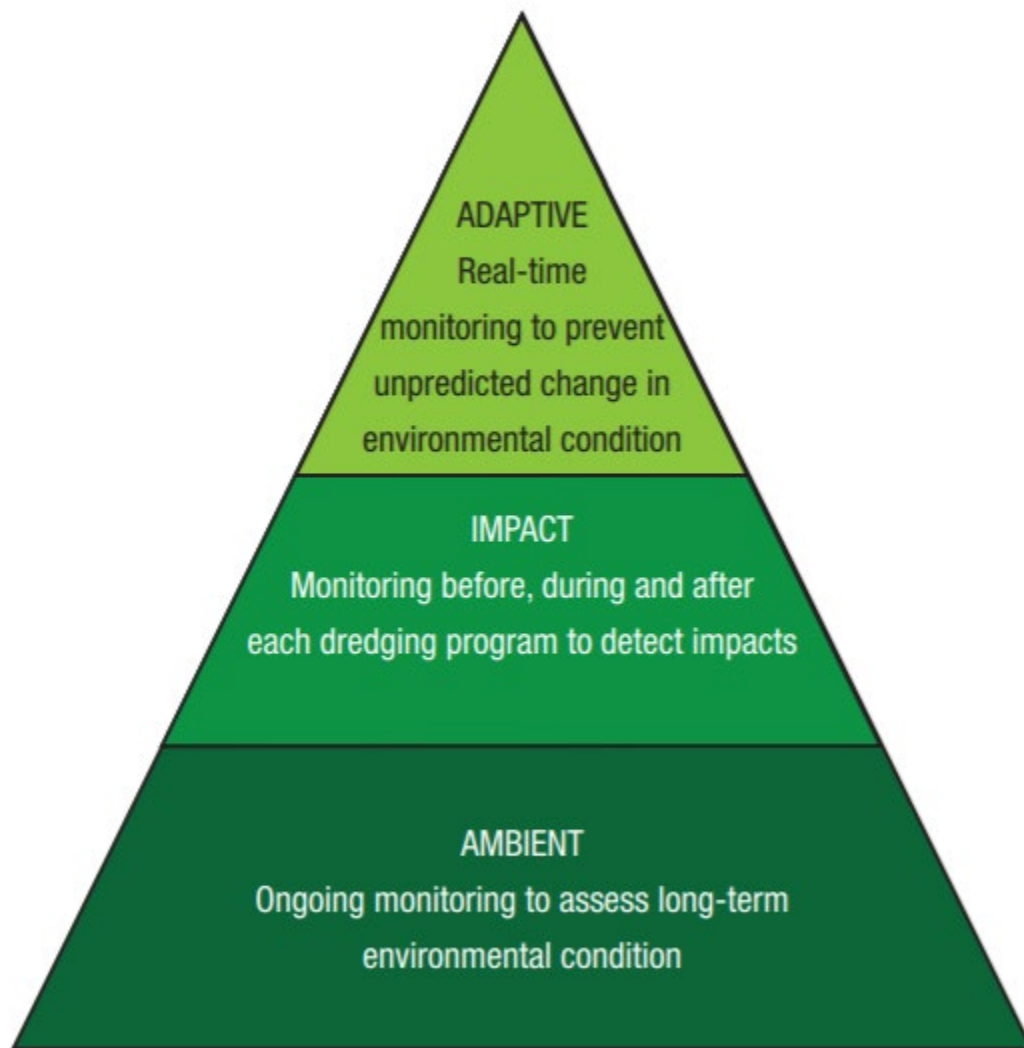
- Sediment will be relocated to the approved placement area, 6km away from shipping operations
- Maintenance dredging will have a low impact on port operations and community activities
- A specialised dredging vessel, the TSHD Brisbane, will be used
- Recreational vessels are requested to keep an eye out for the dredging activities and keep well clear at all times
- Port users and mariners will be provided with updates

# ENVIRONMENTAL UPDATE

## Senior Manager Engineering and Planning

### Kevin Kane





## Environmental Monitoring – Maintenance

- NQBP received Commonwealth permits (10 yrs) from GBRMPA
- TACC meeting February 2019
- Monitoring commence late February (4 weeks prior to maintenance dredging commencing)
- We will be monitoring before, during and after
- Ongoing ambient programs will continue as normal
- Real-time monitoring on website

# COMMUNITY UPDATE

## Senior Advisor Community Relations

### Amanda Blines

# BIGGEST YEAR YET FOR COAL

Mackay region contributes 148.2Mt to record state export total

## Record coal exports in Qld

Mackay's economy reaps benefits of region's ports

RAINEE SHEPPERSON

[Raine.Shepperson@dailymercury.com.au](mailto:Raine.Shepperson@dailymercury.com.au)

MACKAY'S economy is reaping the benefits of record-breaking coal exports across the region.

In 2018, Mackay and Whitsundays delivered exports of 148.2 million tonnes of coal, contributing to a whopping total of 223 million tonnes across Queensland.

The new data from Queensland ports reveals the 2018 exports have surpassed the previous record of 221 million tonnes set in 2016.

Resource Industry Network general manager Adrienne Rourke said she wasn't surprised with the news considering how efficient Mackay's resource industry had been in the past 18 months.

"It's been a very busy year and we've seen a real focus on production efficiency," Ms Rourke said.

Daily Mercury,  
16 January 2019

## BALANCING THE BOOM AND THE REEF

The new CEO of North Queensland Bulk Ports (NQBP) is charged with a tricky task: to balance the development of the government-owned corporation's business with the needs of the sensitive environments within which its ports operate.

CEO Nicolas Fertin takes the reins at a time when throughput is increasing at the ports, with little competition on the horizon, but there is significant scrutiny in relation to environmental matters.

Last year's annual report shows an increase in activity across NQBP's operations - which includes the four trading ports of Mackay, Weipa, Hay Point and Abbot Point - as mining and agricultural activities ramp up.

With three priority ports in the Great Barrier Reef World Heritage Area, "sustainability must be at the heart of everything we do," Mr Fertin says.

He tells *Daily Cargo News*, "Safeguarding the environment is of critical importance. However, sustainability in the true sense is much more and also means thinking carefully about our communities, our people, our customers and our financial performance on behalf of the people of Queensland."

"In fact, one of our main challenges, and opportunities, is balancing the needs of all our stakeholders and making our ports sustainable for everyone for the long term."

Over the coming year, Mr Fertin confirms that NQBP will continue to focus on its research and monitoring work in partnership with experts from James Cook University.

During the past year, NQBP delivered its first online environmental dashboard that shows 24/7 real-time air quality data for sites around the ports of Hay Point and Mackay. Further online dashboards are under development and will share data from NQBP's seagrass and coral monitoring.

"It is also important from a sustainability perspective to diversify trade and strengthen our supply chains, so we can continue to contribute to the prosperity of Queensland for current and future generations," Mr Fertin says.

### BROKEN RECORD

The past financial year was a record trade year for NQBP, with cargo throughput totalling 187.7m tonnes. NQBP's previous trade record was 178.5m tonnes of throughput in 2014-15.

Its new fenders and infrastructure upgrade means ro-ro vessels can now ship cargo directly in and out of the Port of Mackay, creating more work opportunities and facilitating local trade.

More than 100,000 tonnes of breakbulk passed through the Port of Mackay, representing an increase of more than 1000% on the prior year (9,000 tonnes to more than 100,000 tonnes year-on-year).

Mackay also had a record year for fuel imports, on the back of increased mining.

"As mining activity continues to pick up in the year ahead, being able to bring heavy machinery and other oversize over-mass cargo through the Port of Mackay directly into central Queensland has significant benefits for the economy," Mr Fertin says.

"It also helps to boost employment to the region as equipment often requires assembly, painting or other work."

Net profit after tax for the 12 months was \$5m and NQBP will pay an annual dividend of \$6m to the state.

This result was below a target of \$8.2m, which was impacted by a fair value adjustment to property, plant and equipment; costs pertaining to recovery works for Tropical Cyclone Debbie and increased insurance premiums.



Nicolas Fertin, CEO, NQBP



Daily Cargo News, 18 November 2018

## NQBP to dredge Hay Point

\$2.7b could be lost if dredging not carried out

CAITLAN CHARLES

[caitlan.charles@newspapersmedia.com.au](mailto:caitlan.charles@newspapersmedia.com.au)

THE Mackay, Isaac and Whitsunday regions could have missed out on \$2.7 billion from the economy if dredging at Hay Point was not approved.

Last week the Great Barrier Reef Marine Park Authority issued a 10-year permit for the dredging of the Port of Hay Point to North Queensland Bulk Ports.

NQBP said the permit allowed them to conduct maintenance dredging, critical for maintaining port infrastructure.

NQBP is proposing to remove built-up sediment and move it within the bounds of the Port of Hay Point to maintain navigational depths and for operational efficiency.

The natural build-up of sea floor sediment within the port's navigation areas has occurred over time, but Cyclone Debbie in 2017 exacerbated the issue.

According to NQBP's report on the proposed dredging, sudden depth loss from cyclones can pose a significant risk for the port.

An economic study done on the Mackay, Isaac and Whitsunday region said in 2015-16 the gross regional product was \$14,330 billion, giving GPR per capita of about \$89,000, which is significantly higher than Australia's gross domestic product per capita at \$77,000.

The report, by Jerome Maher of Acil Allen Consultants, found that without maintenance dredging over a 16-year

period, the region's economy is projected to be reduced by a cumulative total of \$2.7 billion, or \$170.2 million a year. This includes \$450 million loss in coal royalties and a loss of 105 full-time jobs.

### SCHEDULE

The permit allows for the removal of 656,553cu m over a 10-year period. Maintenance is expected to be undertaken infrequently, generally every five years or when it is required as a result of a cyclone. Dredging is expected to begin early this year.

The current amount that needs to be removed is 356,553cu m. In years one to five, they expect to remove 200,000cu m, the same in years five to 10 and they have a cyclone contingency of the same amount.

They expect in normal sea conditions, the dredge will be able to remove and relocate 10,000cu m a day.

The maintenance dredging process involves using a vessel which acts like an underwater vacuum cleaner, removing loose sand, clay and silt.

### ENVIRONMENTAL IMPACTS

The report from NQBP said all potential impacts were assessed against known environmental values and data to determine the risks posed by maintenance dredging and material placement at the port.

It found dredging would not result in impacts to sensitive environmental values if the dredging volume remained under 800,000 in any single

period, the region's economy is projected to be reduced by a cumulative total of \$2.7 billion, or \$170.2 million a year. This includes \$450 million loss in coal royalties and a loss of 105 full-time jobs.

Risks to coral communities are predicted to be below to negligible as they lie outside the area experience to be altered.

Protected species are also unlikely to be impacted significantly by the dredging because the port does not provide critical habitat resources for any marine species and disturbance to habitats will be low.

Risks to the GBRWHA and GBR are expected to be low with some temporary, short-term impacts to the sediment surface and some sub-surface layers is possible.

### MONITORING

The Port of Hay Point environmental monitoring plan will be reviewed after each dredging and the plan will be updated.

Since 2014, NQBP has overseen a comprehensive ongoing ambient marine monitoring problem, which is undertaken by James Cook University marine scientists.

Each review will examine the effectiveness of monitoring methods, response times and outcomes of adaptive monitoring actions, monitoring results and data, environmental change and any incidents.

Daily Mercury, 4 February 2019



## Media – looking ahead

- Hay Point Maintenance Dredging campaign commencement

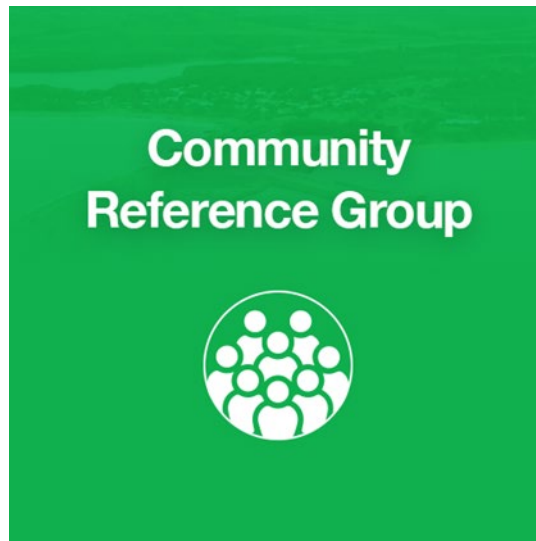
## Port of Mackay

- RORO shipment in February
- North Queensland Cowboys - Mackay Bulk Port Blitz 25-26 March
- Groundwater detailed site investigation update

## Community engagement

### Community Reference Groups

- Next two meetings planned for June and September



### Community information

- Hay Point Maintenance Dredging Project communications

## Sponsorships and donations

### CRG sponsorship and donations \$5,000

1. CRG members suggest opportunities
2. CRG discusses opportunities
3. Criteria:
  - a. environmental, social or cultural benefit?
  - b. Level of benefit?
  - c. Ability to implement the initiative
4. CRG vote

### Previous successful examples

1. Half Tide ANZAC Day Dawn Service
2. McEwens Beach picnic furniture



*Half Tide Dawn Service for ANZAC day 2018*

## Community Partnership - North Queensland Cowboys 2019

NQBP's largest community engagement program will see Cowboys visit Hay Point over a two-day Bulk Port Blitz. The players encourage young people to dream big and make smart choices.

### **Bulk Port Blitz dates**

Mackay 25-26 March

Hay Point 24-25 June

Bowen

Weipa

### **Port of Hay Point - School visits**

St Annes Catholic

Alligator Creek

Sarina Primary

Sarina High

### **Free Junior Rugby League Sessions**

Free JRL skills session with Cowboys

20 JRL Cowboy memberships

### **Business and community event**

Connecting with local business and community leaders



# GENERAL BUSINESS

## Future Port of Hay Point CRG topics and meeting dates

What topics would you like to hear more/less of:

- Corporate strategy
- Trade and operations
- Engineering and development (projects/maintenance)
- Environmental monitoring
- External Affairs

**Thursday 6 June 2019**

**Thursday 5 September 2019**

## NQBP MACKAY MARINA OFFICE

Level 1 & 2 Waterfront Place

Mackay Marina

## CHAIR

BRENDAN WEBB

[bwebb@nqbp.com.au](mailto:bwebb@nqbp.com.au)

07 4969 0700

**NORTH QUEENSLAND BULK PORTS**

P 1300 129 255 E [info@nqbp.com.au](mailto:info@nqbp.com.au)



**nqbp.com.au**