

Citizens Concerned about Dudgeon Point Community Survey October 2012



Citizens Concerned about Dudgeon Point,

November 2013

Community members from the Dudgeon Point area and Mackay compiled this report. CCDP gratefully acknowledges the advice and assistance of Dr John Mackenzie and the work and support of Mackay Conservation Group, McEwen's Beach Progress Association and individuals from the region.

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Executive Summary

Two new coal-loading terminals are proposed for Dudgeon Point as part of the Hay Point Coal Terminal complex, 13km from Mackay. On the 6th of October, 2012 members of the newly formed Citizens Concerns about Dudgeon Point began 14 days of doorknocking, letterboxing and public stalls, to learn about attitudes towards these proposed terminals. Online surveys were also conducted. The total number of survey respondents was 399. The survey results show that:

- 47% of the respondents were not aware of the size and scale of the Dudgeon Point Coal Terminals Project (DPCT).
- 25.6% of total respondents had not heard of the proposal at all. While 39.3% of respondents from more than 6km away from DPCT had not heard of the proposal.
- 49% of the respondents who live more than 6km away did not know that DPCT is only 13km from Mackay and dust already reaches town from the existing terminals.
- Over 77% of the respondents were either 'somewhat' or 'very' concerned about the proposal. Within 6km of DPCT, this statistic rose to 90%.
- Dust, health impacts, noise pollution and property values were the four most mentioned social impacts that concerned respondents.
- 75% of respondents understood the health impacts of coal dust.
- 43% of total respondents had respiratory illness or had it in their family. This figure increased to 46% within 6km of Dudgeon Point.
- 43% of respondents who had respiratory illness or had it in their family said that coal dust had or will make the illness worse. 27% of respondents said 'it might' make it worse.
- 86% of respondents were either 'very' or 'somewhat' concerned about the impacts of increased shipping on the Great Barrier Reef.
- Accidents, dredging, coal dust and shipping movements rated as the most mentioned concerns regarding the Great Barrier Reef.
- 65% of respondents were either 'somewhat' or 'very' concerned about the impacts of climate change.
- 76% of respondents said that Australia should take responsibility for the contribution that coal exports make to climate change.

Recommendations

That NQBP demonstrate how they will improve on their current levels of noise pollution in the communities surrounding existing ports.

That NQBP demonstrate how they will reduce dust impacts on the community from existing ports, and commission detailed, independent dust monitoring and health studies in the region to show the baseline impacts on the community from the existing ports.

More must be done to ensure the Mackay community is aware of the proposal and its potential impacts. The broader community must be fully informed of the potential health and other risks of the proposal.

Introduction

Citizens Concerned about Dudgeon Point is a group of residents from communities around Hay Point, McEwen's Beach and Mackay concerned about the potential impacts of the proposed Dudgeon Point Coal Project. This survey was conducted to gauge community knowledge of, and attitudes towards, the proposed coal export port at Dudgeon Point.



"We are concerned about the dust, the noise and the potential health impact of the expansion. We want to see if those concerns are shared across the community." - Ellie Smith, Citizens Concerned about Dudgeon Point, Daily Mercury 15th Oct 2012.

Members of Citizens Concerned about Dudgeon Point ready to survey the community.

Background to the proposal

The proposed Dudgeon Point Coal Terminals Project (DPCT/'the proposal') consist of two coal export terminals with a combined capacity of up to 180 million tonnes per annum (mtpa); and associated infrastructure. The project is expected to include new coal stock, up to 10 new ship berths, a new rail connection from the Goonyella system to Dudgeon Point, and an expansion of the existing Tug Harbour at Half Tide¹. The proposal is 4km north of the existing coal export facilities at Hay Point (Hay Point and Dalrymple Bay coal terminals), which presently have a combined capacity of 130mtpa.

The proposal would include up to six new rail lines passing close to communities, with trains up to 2km long running 24 hours a day.

Up to 2000 additional ships will pass through the Great Barrier Reef per year to access the new terminal when operating at full capacity (more than double the number of ships currently accessing the port), requiring 13 – 15 million tonnes of seabed to be dredged in the area.

Coal stockyards will cover approximately 400ha, where coal will be stored and blended before export. See figure two for a comparison of the proposed stockyard size with existing stockyards at Hay Point and Dalrymple Bay.

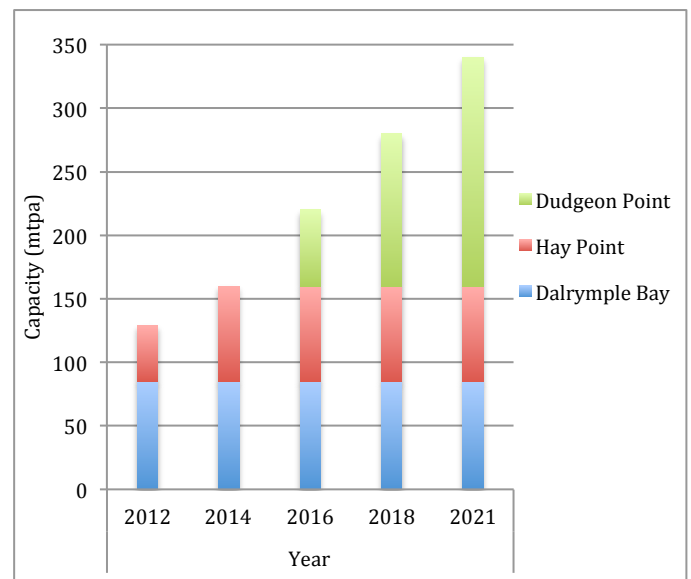


Figure 1: Proposed capacity of terminals in Hay Point port

Dudgeon Point Project Management (DPPM)ⁱ and Adani Mining Pty Ltd (Adani) are the preferred proponents for the development. Each plans to build and manage one of the two proposed terminals. North Queensland Bulk Port (NQB) is the lead proponent, managing the entire development.

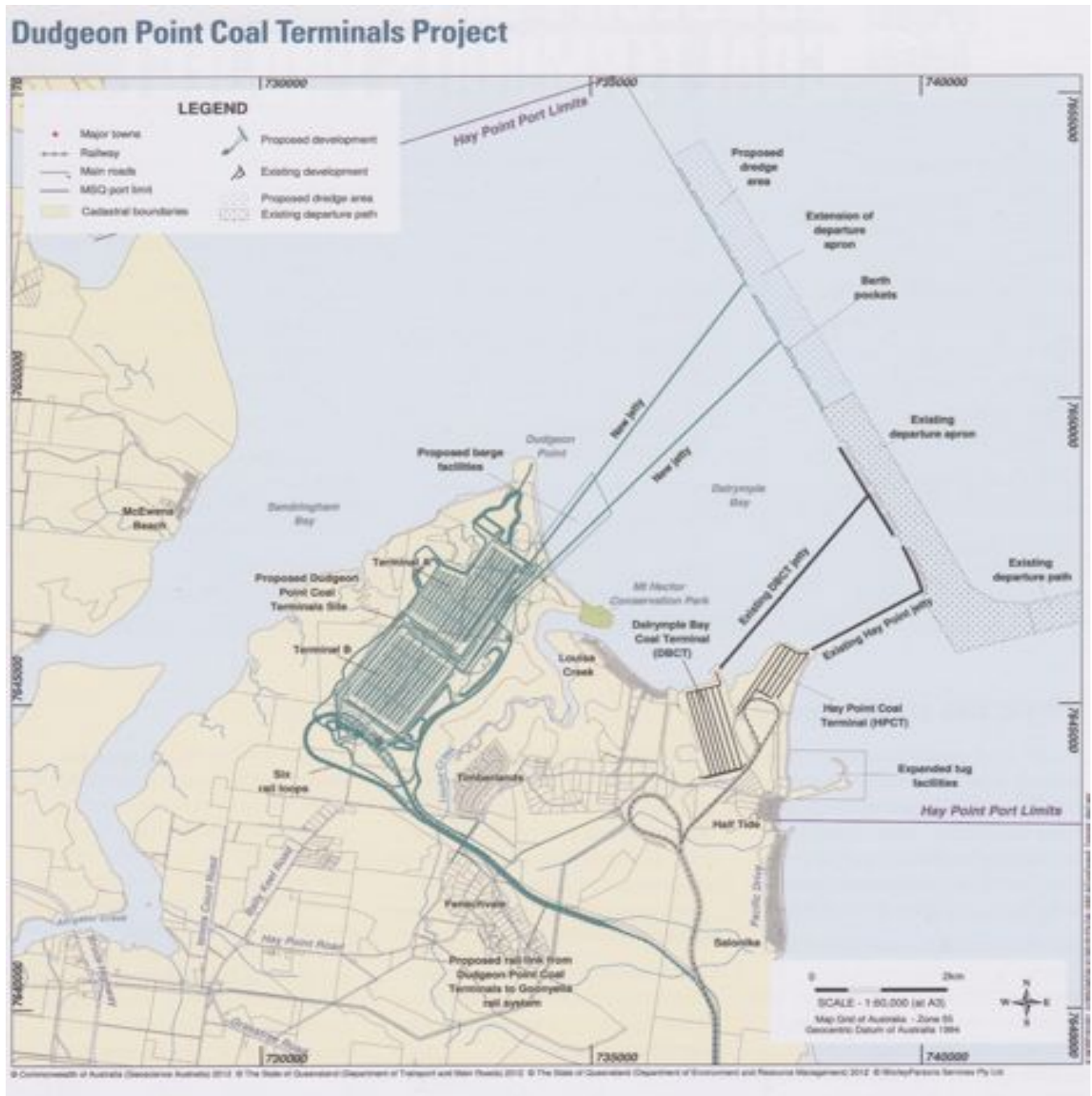


Figure 2: Dudgeon Point port lands, compared to existing terminals at Hay Point and Dalrymple Bay

ⁱ A consortium of Carabella Resources Limited, Macarthur Coal Limited, Middlemount Coal Pty Limited, New Hope Corporation Limited, Peabody Energy Australia Pty Ltdⁱ

Impacts

More than doubling coal exports from the Hay Point area, 13km south of Mackay, would mean unavoidable impacts on the community and the environment. While this report focuses on the survey conducted into the local community's knowledge of the port, the following section details some of the information we are aware of with regard to the impacts such a development would cause.

Health and Quality of Life

Health professionals and doctors around the world have linked coal dust with various health problems and a range of diseases. Increased occurrences of respiratory diseases like asthma and lung cancer are only the beginning of a long list of impacts on the human body that coal dust has been linked to. Fine coal dust particles (smaller than 2.5 microns in diameter) lodge in the lungs and are not naturally expelled. Long-term exposure increases the risk of health problems. Ultrafine coal dust particles (0.1 microns or less) can cross from the lungs into the blood stream and can cause diseases such as leukaemia². The city of Mackay is 13km from the proposed site. With prevailing winds blowing across the site towards Mackay this project poses a potential health risk to those living in Mackay as well as the immediate surrounding communities.

The proposed port will bring trains up to 2km long trains running continuously throughout the week. In addition to the dust emissions from these trains, the noise of warning alarms and thumping vibrators, used to empty the last of the coal from the wagons, is detrimental to the quality of life of those living near the port. The associated, inaudible infrasound noise (800 Hz or less) can affect the health of residents some 20 km from the source. Dust and noise complaints are already common in communities around Hay Point.

Local fishing areas are threatened by dredging and possible runoff from the site onto sensitive wetlands and waterways. Access to this popular recreational fishing area will be further decreased by increased infrastructure.

Environment

The proposed port poses an array of threats to the Great Barrier Reef World Heritage Area. Dust does not only affect people's health but also poses a risk to the reef. Research by both Dr Kathy Burns and Prof Eric Wolanski shows that dust blown away and lost into the ocean while loading the ships is carried out onto the reef on ocean currents, impacting on coral (Fig. 3).

2000 additional ships passing through the Great Barrier Reef pose the increased risk of accidents, disturbance and collisions with protected marine life in the park, as well as creating more water turbulence³. Since 1987 283 oil spills have occurred in the waters of the Great Barrier Reef⁴.

More locally, Dudgeon Point neighbors the nationally listed wetlands at Sandringham Bay. Runoff, noise, light and dust emissions from the portlands may have detrimental effects on migratory birds, fish breeding grounds, turtle nesting sites and other flora and fauna in the area, one of the last undeveloped coastal sites in the region.

At capacity the port will be one of the biggest in the world. Coal exported through the port, when burnt in power stations across Asia, will cause over 250 million tonnes of carbon dioxide emissions each year, equivalent to more than half of Australia's domestic emissions each year. Combined, the coal passing through ports in the Hay Point/Dudgeon Point complex would equal more than Australia's entire emissions each year.

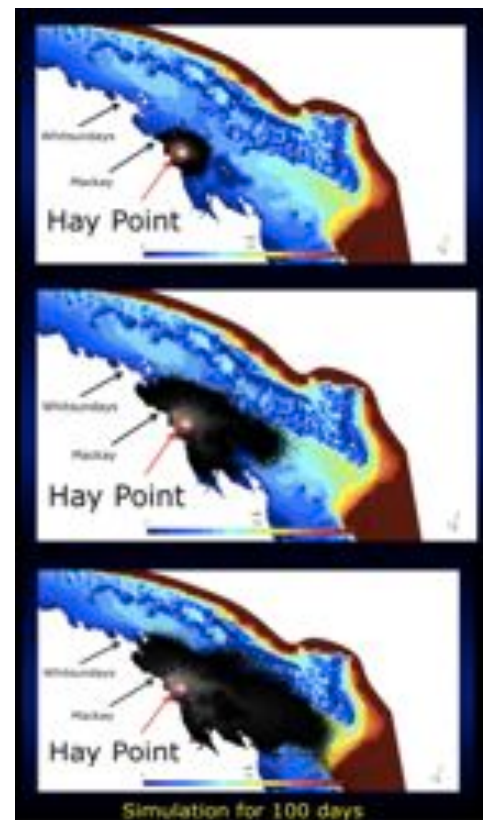


Figure 3: Simulation of dust emissions from existing ports at Hay Point. Research by Dr Kathy Burns

Positive Impacts of the Dudgeon Point Coal Terminal

Much is said of the positive impacts of ports, such as Dudgeon Point, on the local community and state economy.

NQBP have suggested Dudgeon Point will create around 5000 jobs in construction⁵. Of this total 60% will reportedly come from the local community with 40% being flown in from other areas and housed in worker camps.

As the mining industry grows at an unprecedented rate it crowds out other important industries including agriculture, manufacturing and tourism, creating an over-reliance of our local, state and national economy, making them less resilient to economic downturns. Now even mining itself, is suffering from the high Australian Dollar caused by the mining boom. A less diverse economy will have little ability to adapt in times of future economic hardship.

While royalties generate income for the Queensland Government. Industry is not required to finance the maintenance of public goods and services such as roads, health care and social services, under pressure because of the boom, this constitutes a subsidy to the industry from the Queensland and Federal Governments

About the survey



The survey has been undertaken to gauge community knowledge and concerns about the Dudgeon Point Coal terminal. This report is intended to inform decision makers of the level and extent of concern about the Dudgeon Point Coal Terminal within the community of Mackay and surrounds.

The survey was undertaken online and in person, with 399 citizens of Mackay and surrounding areas taking part over 14 days from the 5th to the 19th of October 2012. Of the 399 respondents 47 completed the survey online (Fig. 5)

Voluntary in-person surveys were undertaken both through doorknocking local areas within 6km of the proposed project site and in East Mackay, and at shopping centres with large amounts of foot traffic.

Doorknocking was undertaken in Mackay, East Mackay, South Mackay, North Mackay, West Mackay, Sarina, McEwens Beach, Half Tide, Salonika Beach, Timberlands, Droughtmaster Drive, Hay Point/Alligator Creek area, Fenech Ave (Figure 6). These have been split into areas within 6km (<6km) of the proposal site and outside 6km (>6km) of the site as seen in Figures 7, 8 and 9.

Surveys were undertaken by volunteers who received a brief training and practiced asking questions and recording answers before completing two hour sessions of surveying. Volunteers worked in pairs in each area but undertook the surveying one-on-one with the participant.

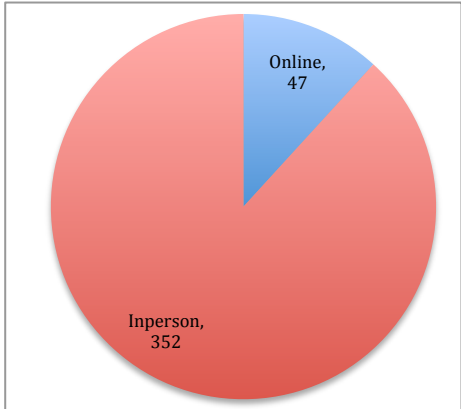


Figure 5: Number and type of respondents

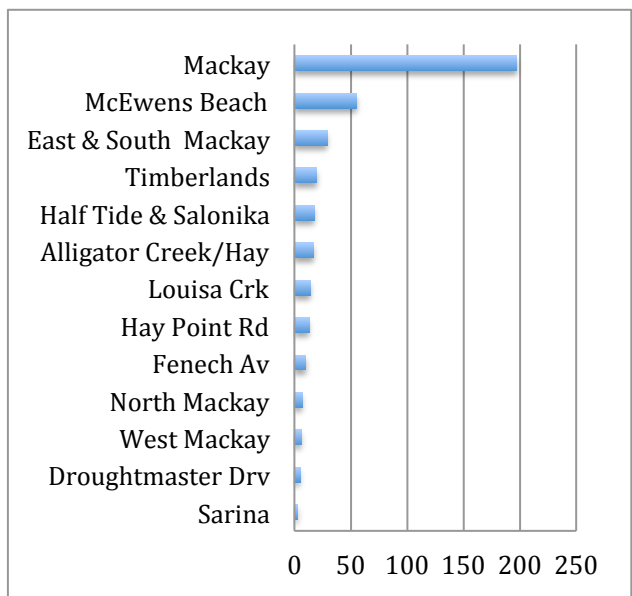


Figure 6: Respondents by location

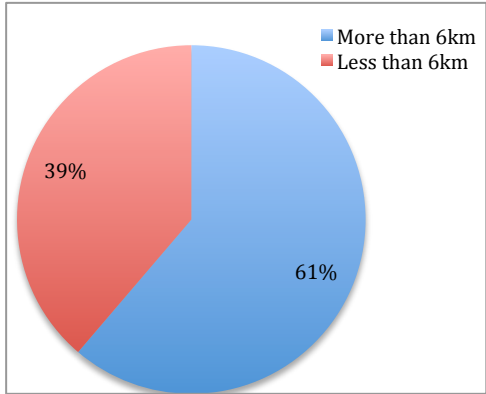


Figure 8: Respondents' distance from proposal



Figure 7: 6km radius from proposed site of DPCT

Profiles



Gordon Johnson,

McEwens Beach,

My wife and I live at McEwens Beach because we believe it is the most beautiful area in Australia, we have enjoyed Fishing, Boating and the surf beaches. My wife was born in Mackay and I have lived here for 25 years.

The industrialisation of Hay Point Coal Loading Facility deeply distresses us, as this is located in a residential area close to Mackay. We are concerned about the health hazards of coal dust on communities in the Mackay district. Long term exposure to coal dust 1mm to 2.5mm for a period of 5-8 years can cause brain tumours in children 8-12 years of age. Respiratory problems ie Asthma, Heart disease and blood disorders are also caused by coal dust. We are also concerned about the Great Barrier Reef and the condition of the local marine environment. Sandringham Bay is already heavily polluted with visual coal as are areas of the Pioneer River. We don't want to see our ocean further destroyed with the potential extra 2000 coal ships entering and leaving Dudgeon Point per year. Since 1985 an average of 2 major shipping incidents such as collisions or groundings has occurred within the GBR Marine Park. With numbers of ships increasing so does the likelihood of a major shipping incident. Our own; and the residents of Mackay's children and grandchildren deserve a better future than this. We have a choice in the legacy we leave them and what they remember us by.



Greg and Sandy Harvey,

Windsor Drive, Timberlands

We have lived our entire lives as proud Queenslanders, raising our family in Clermont where we worked hard in our small business and only moved to Timberlands a couple of years ago.

We envisaged our retirement complete with grandchildren sleeping over, raising chooks & vegies happily on our small piece of paradise in a peaceful community far removed from the city lights. Unfortunately, the dream we have worked so hard to achieve, is now being eroded away, sabotaged by our State Government, owners of the NQBPorts authority as they barrel toward another huge coal port at Dudgeon Point, just an ember's throw from our small sanctuary.

We will be subjected to the impending reality of 6 rail lines offloading their "black bounty" continuously night & day, the associated noise, lighting, traffic, social impacts & not least, the imposing 13 Metre stockpiles spewing tons of harmful coal dust into the environment – up & down the Whitsunday coastline. Our quality of life & respiratory woes along with the health of everyone in the Mackay district is of little consequence I'm sure to the rapacious money grabbers.

Don't we already have sufficient ports to secure the longevity of the coal industry & realize it is not essential that our coal reserves be exhausted immediately? Will the anticipated THOUSANDS of extra ships annually successfully negotiate the tenuous channels of our unique Great Barrier Reef, allowing it to survive intact for many future generations & tourists worldwide?

It does seem like a David & Goliath battle, but we believe in the power of the people & hope that together we can achieve a sensible outcome for this land so Queensland won't become beautiful one day, plundered the next!

Results

1. Are you aware that the new Dudgeon Point coal terminal being proposed would be up to 180 million tonnes per year of coal exports and would include stockyards that cover 900 football fields (400 ha) of 13m coal piles?

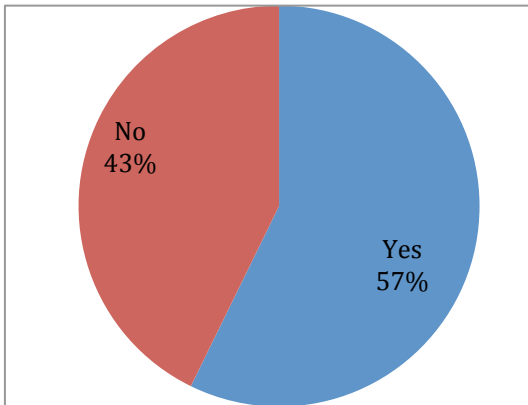


Figure 8: Awareness of size and scale of the proposal

The survey results indicate that only 57% of the community were aware of the size and scale of the proposal. Given that the size of the proposal would make DPCT, Hay Point and Dalrymple Bay combined, one of the biggest coal port complexes in the world this shows quite a low level of awareness in the community.

Level of awareness was much higher within 6km of the proposal with only 3.9% of respondents from those areas answering both 'no' to question one and "did not know" to question two below, while 39.3% outside of the 6km radius answered both 'no' and "did not know" to questions one and two respectively.

2. What do you know about it? e.g. Potential impacts, proponents, approval status

Figure 9 shows what respondents indicated they knew about the DPCT, with 18% of respondents from less than 6km from the proposed site of DPCT indicating they did not know the terminal was proposed.

Of the participants who knew about the proposal, there was a fairly even spread of respondents indicating their awareness of coal dust's impacts on health; not having enough information; social impacts; environmental concerns and frustration at the lack of consultation. Generally there was awareness of the location but little knowledge of the detail of the proposal. In addition a large number of respondents from communities within the Hay Point Rd area and other surrounding communities indicated they had received information in the mail about the proposal.

Figure 10 shows a representative sample of the responses to this question, as expressed by the respondents.

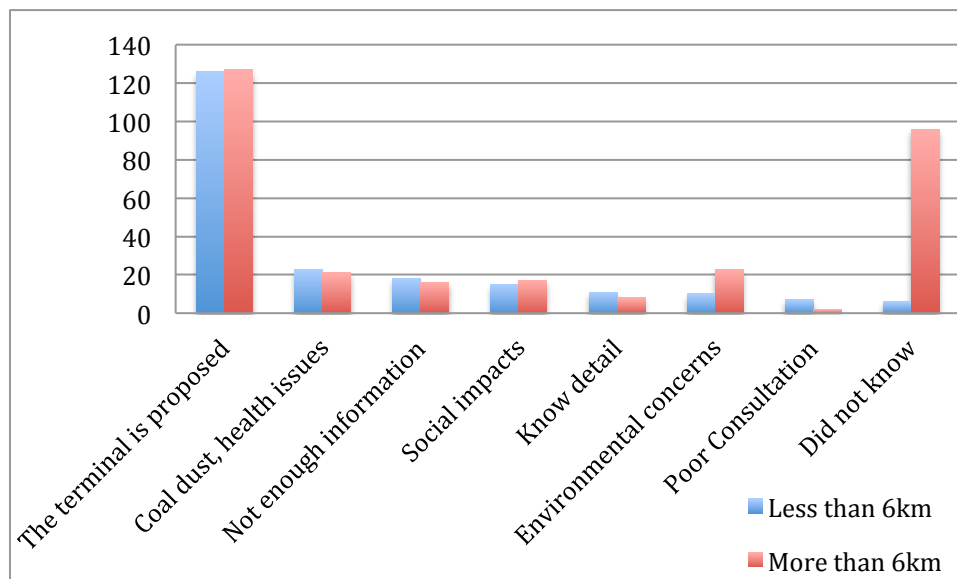


Figure 9: Knowledge of the proposal



Figure 10: Selection of responses to *What do you know about it?* (Q2)

3. *Did you know that Dudgeon Point is very close to Mackay, ie only 13 km directly from downtown Mackay, and airborne coal dust already reaches Mackay and surrounding communities from Hay Point port?*

Question 3 aimed to understand the community's awareness of the potential threat that the proposal poses to the Mackay community. There were 389 respondents to this question. Although 58% of respondents knew that Dudgeon Point is only 13km away from Mackay and coal dust already reaches the city from Hay Point this dropped to only 49% of residents who lived more than 6km from Dudgeon Point. This shows a lower level of knowledge about existing impacts of coal dust in Mackay and how close the proposal is to town.

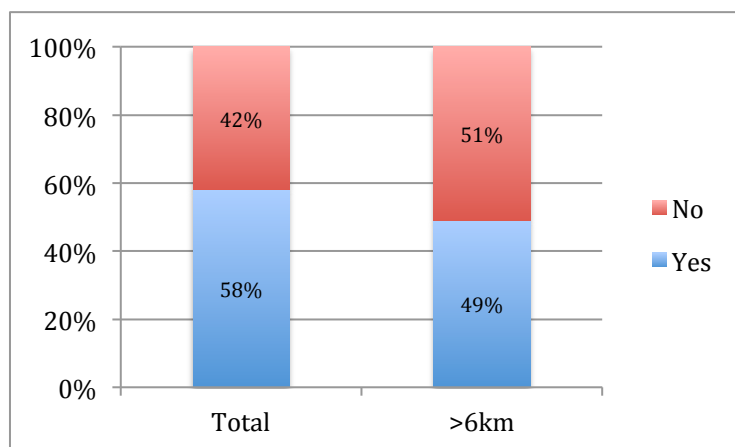


Figure 11: Knowledge of distance of Mackay from port

4. Are you concerned about the impact this proposed port will have on Mackay and surrounding communities?

Question 4 showed that of the 389 respondents to this question, a large majority of respondents were either “very concerned” or “somewhat” concerned about the impact the proposal would have on Mackay and the surrounding community (Fig. 12). 77% of the respondents were either ‘somewhat’ or ‘very’ concerned about the proposal. However, 90% of respondents who lived within 6km of Dudgeon Point were concerned about the proposal, of which a large majority of 71% were ‘very’ concerned.

When analysing the total number of people who were not concerned, 47.8% of them did not know about the project (Answered ‘No; to Question 1). In addition 60.4% of the people who were aware of the project (‘Yes’ to Question 1) were very concerned about its impacts, and 18.9% were somewhat concerned.

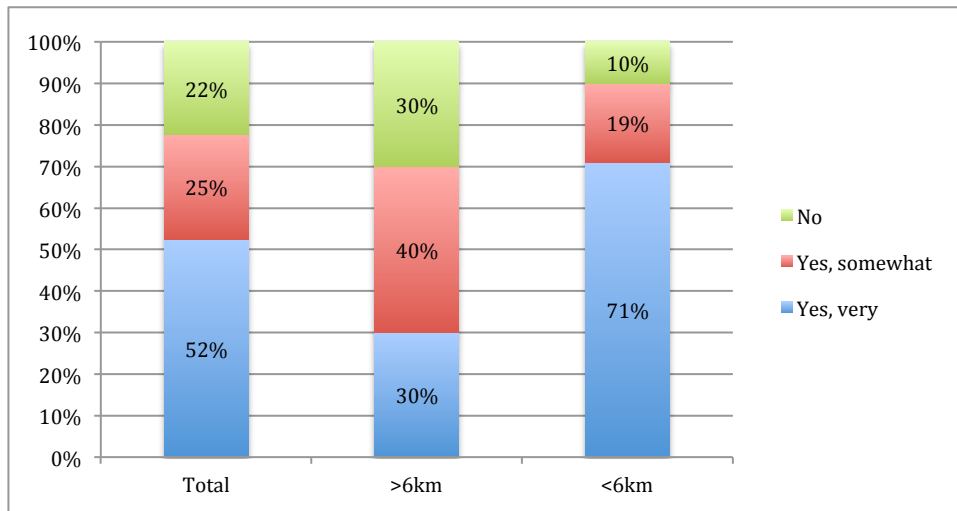


Figure 12: Level of concern about DPCT

5. If yes, what concerns you? Eg. health issues, dust, property values, noise pollution. If no, why not?

Question 5 gave respondents an opportunity to explain what concerned them specifically about the port proposal. In these questions respondents often cited multiple concerns. Results in figure 13 show which concerns were raised the most and thus are likely to be the most broadly felt in the community.

Figure 13 shows the most common concerns were:

- Coal dust and the health impacts
- Environmental issues, potential impacts on fishing and the risks to the Great Barrier Reef
- Noise pollution and increased traffic
- Property values, which included both the risk of decreased property values close to the port and increased property and rental prices throughout the whole region due to higher demand.

Respondents from less than 6km from the proposal gave more responses overall, their main concerns were dust and health impacts and other issues associated with quality of life.

Many respondents provided brief comments on their concerns. Figure 14 presents a selection of these.

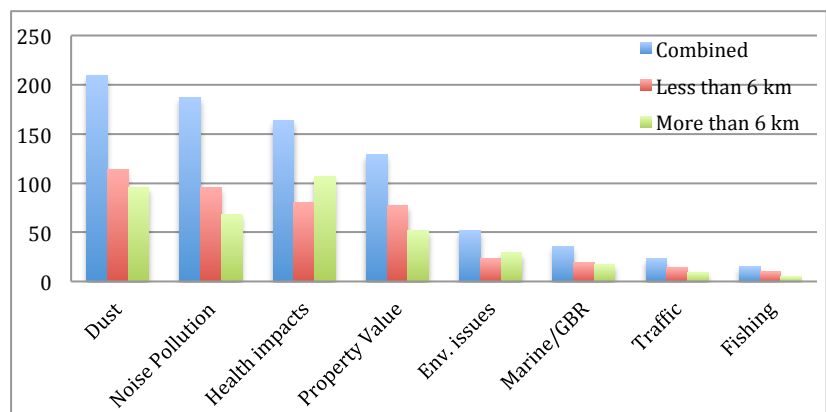


Figure 13: Issues of concern regarding DPCT



Figure 14: Selection of responses to *what concerns you?* (Q5)

6. *Are you aware of the health impacts of coal dust, especially invisible fine coal dust, and its connection to respiratory and other diseases?*

Question 6 gives us an understanding of the level of awareness about the health impacts of coal dust in the community. 75% of the 399 respondents to this question are aware of such impacts.

7. *Do you or your family suffer from asthma or other respiratory illness?*

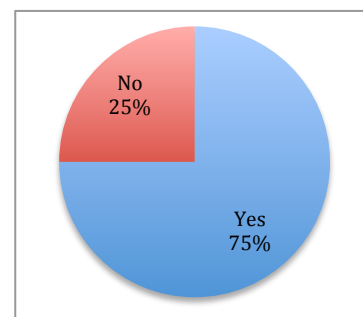


Figure 15: Awareness of health impacts of coal dust

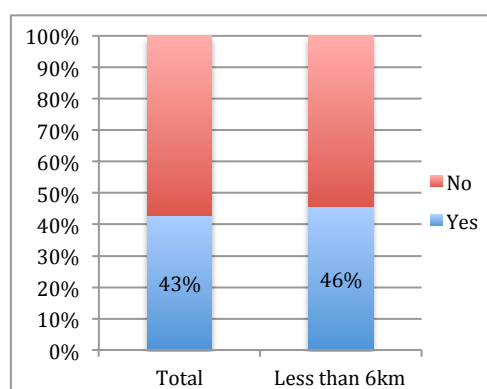


Figure 16: Prevalence of respiratory illness in respondents and their families

Figure 16 shows the percentage of the 399 respondents that have respiratory illness themselves or in their family. The percentages of 43%, and 46% within the 6km radius of the proposal, are higher than the Australian Bureau of Statistics 2007-2008 National Health Survey, which finds that, on average, 27.2% of the population suffer from diseases of the respiratory system^{6 ii}

The survey results also indicate that respiratory illness is 5.4% higher within the 6km radius of the proposal, areas that also lie close to the existing terminals at Hay Point and Dalrymple Bay. We are not aware of any research linking coal dust and health issues in this area or the broader Mackay region, but there is considerable literature linking coal dust to respiratory and cardiovascular illness.

ⁱⁱ The definition of respiratory illness in broad terms includes Bronchitis, Emphysema, Asthma, Hayfever, Allergic Rhinitis, Chronis sinusitis and all other symptoms, signs and diseases involving the respiratory system.

8. *If yes, do you think it has been/will be made worse by exposure to coal dust?*

Question 8 shows that over 70% of the 162 respondents to this question either believed coal dust was causing their respiratory problems to worsen or thought that it might in the future. Again, as in Question 7 the proportion of respondents from within the 6km radius who believed that their increased exposure to coal dust caused a decline in their respiratory health was higher than the percentage from outside this area. This indicates that the coal dust our community is already exposed to could be having a negative impact on our health or, at least that this perception is prevalent in those who are aware of the coal dust in their area.

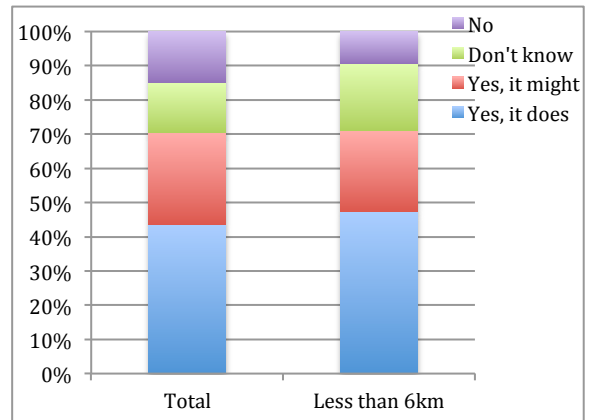
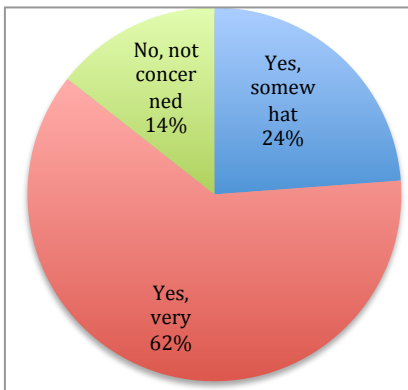


Figure 17: Belief that respiratory illness is made worse by exposure to coal dust

9. *The proposed port expansion will mean that many more ships will be passing through the Great Barrier Reef. Are you concerned that increased numbers of ships will have a negative impact on the Great Barrier Reef?*



Of the 382 respondents the large majority of 86% of respondents were concerned about the impacts the development could have on the reef with 62% of these expressing that they were very concerned (Fig. 18).

Recent news coverage and research into the health of the Great Barrier Reef may have been a factor in this high result. Research published the week before the survey from the Australian Institute of Marine Science showed that the GBR has suffered a 50% loss in coral cover in less than 30 years⁷.

Figure 18: Concern about the Great Barrier Reef

10. *If yes, what are your concerns? e.g. Shipping movements, accidents, coal dust, dredging. If No, why not?*

Question 10 exposed the specific concerns of the respondents were, regarding the impact of the proposal on the Great Barrier Reef. Figure 19 shows the general themes that were mentioned in the responses and the prevalence of each, given that many of the 382 respondents to this question mentioned multiple issues. Accidents, dredging, coal dust and shipping movements were cited often by the respondents. Many other issues were also mentioned showing a broad understanding of the issues in the community.

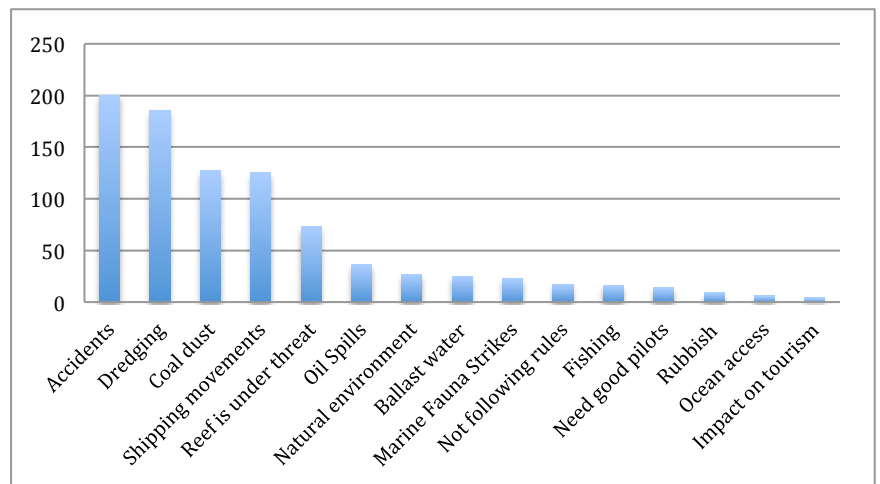


Figure 19: Issues of concern regarding shipping in Great Barrier Reef

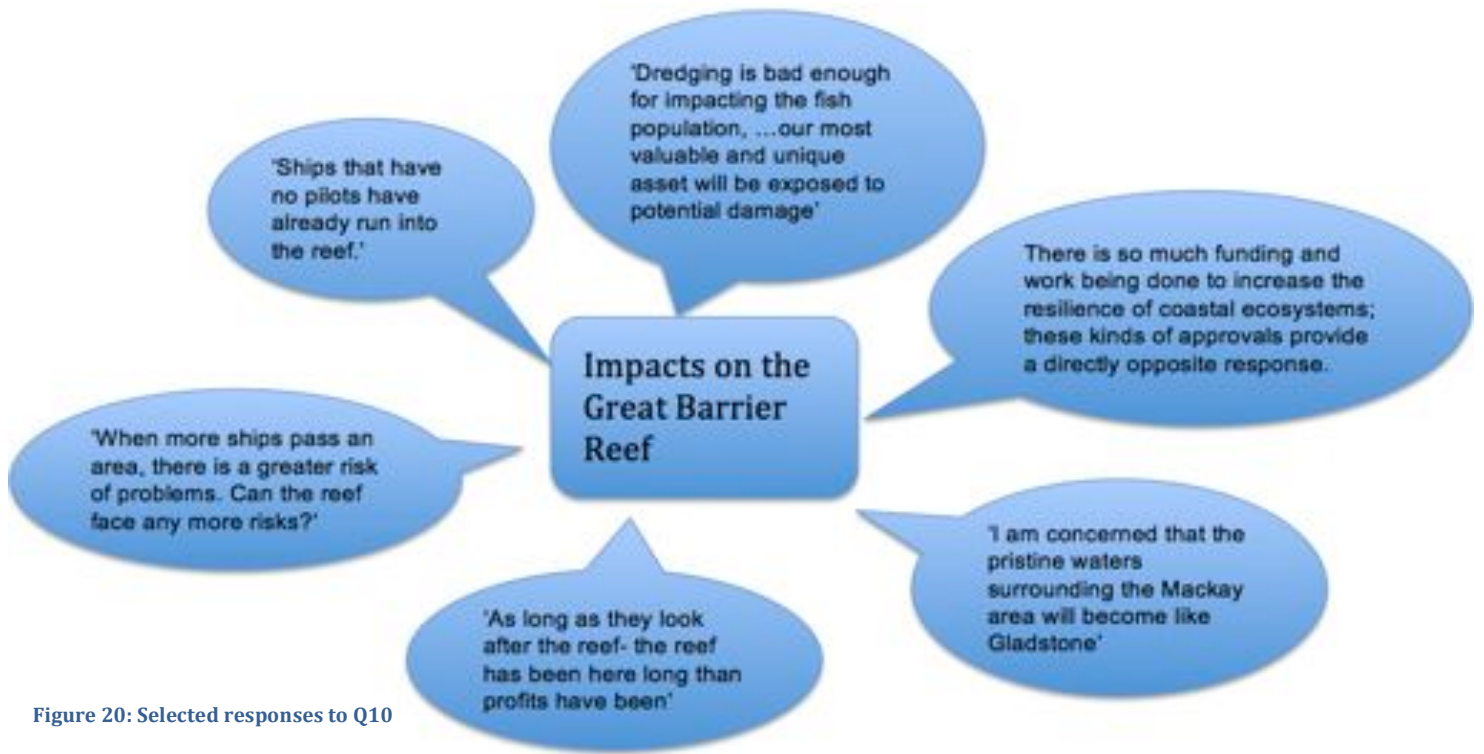


Figure 20: Selected responses to Q10

11. Are you concerned about climate change? Eg Extreme weather, drought, sea level rise

Of the 390 respondents to this question, 65% were either 'very' or 'somewhat' concerned about climate change, while only 35% were 'not really' concerned or 'not' concerned at all.

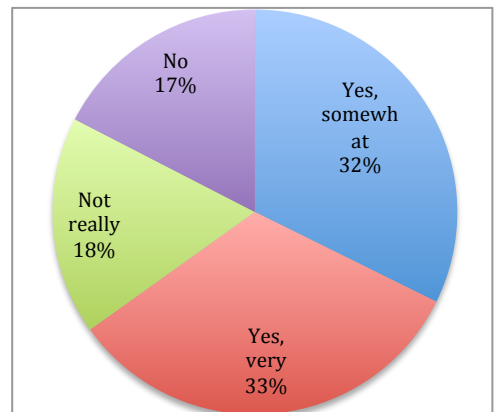
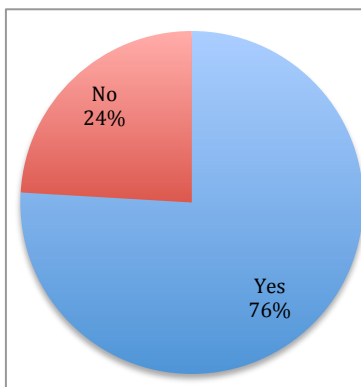


Figure 21: Concern about Climate Change

12. Do you think Australia should take some responsibility for the contribution to climate change made by its coal exports?



Question 12 continued with the theme of climate change and showed that of the 349 respondents to this question 76% thought that Australia should take responsibility for the contribution our coal exports make to climate change.

Figure 22: Taking responsibility for coal export contribution to climate change

References

1. <http://www.nqbp.com.au/hay-point/>
2. <http://www.psr.org/resources/coals-assault-on-human-health.html>,
<http://beyondzeroemissions.org/blog/coal-health-report-121023>
3. <http://www.greenpeace.org/australia/en/what-we-do/climate/resources/reports/Boom-Goes-the-Reef/>
4. <http://greatbarrierreef.com.au/information/great-barrier-reef-threats/>
5. NQBP Dudgeon Point Terminals Project Initial Advice Statement, September 2011
6. 2007-2008 National Health Survey: Summary of Results, 23rd November, 2010
<http://www.abs.gov.au/ausstats/abs@.nsf/0/d3ffec910919f2b5ca2568a9001393b1?OpenDocument>
7. http://www.aims.gov.au/latest-news/-/asset_publisher/MIU7/content/2-october-2012-the-great-barrier-reef-has-lost-half-of-its-coral-in-the-last-27-years

Appendix 1 - Survey

Surveyor's Name	Street, Area	Date, Time
Citizens Concerned about Dudgeon Point - COMMUNITY SURVEY		
<p>Citizens Concerned about Dudgeon Point have come together to ensure that the communities directly affected by the proposed Dudgeon Point Coal Project have a strong voice to negotiate with our government and the companies involved. We're undertaking a survey of people's knowledge of, and feeling towards the proposed development.</p> <p>Your answers will be used in a report. Your address and identity will not be disclosed.</p>		
1	Are you aware that the new Dudgeon Point coal terminal being proposed would be up to 180 million tonnes per year of coal exports and would include stockyards that cover 900 football fields (400 ha) of 13m coal piles?	Yes <input type="checkbox"/> No <input type="checkbox"/>
2	What do you know about it? e.g. Potential impacts, proponents, approval status	
3	Did you know that Dudgeon Point is very close to Mackay, ie only 13 km directly from downtown Mackay, and airborne coal dust already reaches Mackay and surrounding communities from Hay Point port?	Yes <input type="checkbox"/> No <input type="checkbox"/>
4	Are you concerned about the impact this proposed port will have on Mackay and surrounding communities?	Yes very <input type="checkbox"/> Yes somewhat <input type="checkbox"/> No <input type="checkbox"/>
5	If yes, what concerns you? Eg. health issues, dust, property values, noise pollution. If no, why not?	
6	Are you aware of the health impacts of coal dust, especially invisible fine coal dust, and its connection to respiratory and other diseases? For more information see "Coal's Assault on Human Health" by the Physicians for Social Responsibility and Doctors for the Environment	Yes <input type="checkbox"/> No <input type="checkbox"/>
7	Do you or your family suffer from asthma or other respiratory illness?	Yes <input type="checkbox"/> No <input type="checkbox"/>
8	If yes, do you think it has been/will be made worse by exposure to coal dust?	Yes, it might <input type="checkbox"/> Yes, it does <input type="checkbox"/> No <input type="checkbox"/> Don't know <input type="checkbox"/>
9	The proposed port expansion will mean that many more ships will be passing through the Great Barrier Reef. Are you concerned that increased numbers of ships will have a negative impact on the Great Barrier Reef?	Yes, very <input type="checkbox"/> Yes, somewhat <input type="checkbox"/> No, not concerned <input type="checkbox"/> No, don't agree <input type="checkbox"/>
10	If yes, what are your concerns? e.g. Shipping movements, accidents, coal dust, dredging If No, why not?	
11	Are you concerned about climate change? Eg Extreme weather, drought, sea level rise	Yes, very <input type="checkbox"/> Yes, somewhat <input type="checkbox"/> Not really <input type="checkbox"/> No <input type="checkbox"/>
12	Do you think Australia should take some responsibility for the contribution to climate change made by its coal exports?	Yes <input type="checkbox"/> No <input type="checkbox"/>
13	Would you like to be kept updated with advances with Dudgeon Point Coal Terminal?	Yes <input type="checkbox"/> No <input type="checkbox"/>
14	If yes please provide an email address or phone number (on separate sheet) for further updates. All contact information will be kept strictly confidential and used only for the purpose stated	
Any further comments/ extra space for answers to the above questions (mark clearly).		
<p>This survey has been prepared by Citizens Concerned about Dudgeon Point, we welcome new members. Please contact Ellie Smith on 0488335452, email dudgeon_point@gmail.com, website: www.dudgeonpoint.org</p>		

NQBP Survey

North Queensland Bulk Ports have also recently undertaken a survey into community attitudes toward the Dudgeon Point Coal terminal as part of their Environmental Impact Assessment of the project.

We question some of the results of the NQBP survey, but were interested to see that in many areas our results were similar. For instance, approximately 75% of respondents in both surveys were concerned about the negative impacts of the new coal terminals. In this way we think the results of our respective surveys can complement each other and better inform decision making regarding the Dudgeon Point Coal Terminals Project

Fewer than 8% of the respondents in North Queensland Bulk Ports' survey were from East Mackay, Timberlands, McEwan's Beach and other areas that will experience the bulk of the impacts from the proposed terminals. By contrast 49% of respondents to this survey were from within 6km of the proposed terminals. It is concerning that the NQBP survey did not include respondents from Louisa Creek, where residents have long been impacted by the existing terminals and will continue to be impacted by the DPCT.

The NQBP survey showed 100% of those surveyed knew about the proposal whereas our survey results indicate that only 57% of people knew about the size and scale of DPCT. While we didn't directly ask whether or not participants knew about the proposal at all, we can combine the figures from question one and two to surmise that *at least* 25.6% of respondents had not heard of the proposal at all. It is difficult to comprehend how the two surveys could arrive at such different conclusions. Our results indicate that more should be done to inform the community about such a large project so close to the community.

The North Queensland Bulk Ports survey results showed that 75% of the community had concerns about the Dudgeon Point Coal Terminal. Our survey shows a similar result, with similar impacts being cited, including coal dust, air quality and pollution; impacts on marine life and the Great Barrier Reef; and social impacts such as housing prices, increased traffic and restrictions to beach and fishing access. The environmental impact assessment for the proposal, due to be released in March, will outline the ways NQBP and the other proponents of the proposal will mitigate the impacts of the proposal on the community. Given the record of the existing ports this should be