

Joyce Wong, Oi Yu

To: Penny, James
Subject: RE: New Acute Hospital (NAH) Helipad EIA - Cumulative Emission Source

From: Penny, James [mailto:James.Penny@arcadis.com]
Sent: Saturday, June 06, 2020 2:07 PM
To: Helen Cochrane; WK Chiu
Cc: joyceoywong@meinhardt.com.hk
Subject: RE: New Acute Hospital (NAH) Helipad EIA - Cumulative Emission Source

Dear Helen/Joyce

Please see below information that we have available at the moment.

- Since the water depth of T2 barging point is shallow, the capacity of derrick barge deployed is only 1,000m³ (i.e. 2,000 tons)
- The kind of derrick barge BTP used is a non self-propel barge. It has no engine & has to be towed by tugboat.
- Power for the tugboat deployed = 465.5 kW (main engine for maneuvering) ; 14.92 kW (auxiliary engine for maneuvering)
- At the moment, there is no disposal ramp nor a conveyor set up on site, transfer of the fill material from land to the barge is by means of a long arm backhoe with a bucket of 1m³. At the moment loading of a single barge is taking about 2.5 days, but as the process and equipment develop it will reduce down to 10 hours or less.
- At peak we may hit 4.5 barges (1000m²) per day as of 2022 and to minimize use of roads by construction traffic from T2 and the Kai Tak development this may continue until end of the use of the barging point in October 2025 (subject to Contract progress.
- Operating hours of the barging point may extend up to 20 hours, if acceptable to all stakeholders.
- At the moment the direction is that all fill will be disposed to HK sites and not leave HK waters. This may change over the next few years, but we are working on the basis of HK disposal.

Of course all of the above will be subject to the Contractor's programme as the contract progresses.

Regards

James

From: Helen Cochrane <helen.cochrane@meinhardt.com.hk>
Sent: Thursday, May 28, 2020 4:09 PM
To: Penny, James <James.Penny@arcadis.com>
Cc: WK Chiu <wkchiu@meinhardt.com.hk>; Helen Cochrane <helen.cochrane@meinhardt.com.hk>
Subject: FW: New Acute Hospital (NAH) Helipad EIA - Cumulative Emission Source

Hi James

We are undertaking an EIA for the NAH helipad and the T2 barging point is a potential concurrent activity in the Study area. We understand from CEDD that the current programme for the T2 project means that the barging point near the Kerry Godown may be used until Q3 2025. However, would you be able to tell us the predicted frequency of barge visits while in use? We need to take this into account as a cumulative activity.

Many Thanks

Helen