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Our Ref. MA/MMO/01/16

**Hanson Marine Aggregates application to continue dredging operations off  
Great Yarmouth and Lowestoft coastline Ref: MLA/2013/00338**

Dear Sir/Madam

I am writing to confirm MARINET objections to the above application to continue dredging off the Great Yarmouth and Lowestoft coastline by Hanson Aggregates Marine Ltd. for a further 15 years. In our opinion these areas are already over dredged and this application would approve the removal of an additional 24,250,000 tonnes of seabed material.

It is a known fact (proven by history and scientific studies) that the sea bed off this coastline is mobile and further dredging deepening the sea bed will draw material from adjacent seabed areas which eventually results in beach draw –down causing severe erosion of the adjacent coastline. The deeper water caused by these dredging operations adjacent to this coastline also increases the onshore wave force and consequently accelerates this coastal erosion.

This increasing and recent very significant loss of beach sand has already caused very severe erosion along this coastline with Hopton and Hemsby in particular badly affected.

MARINET objections are detailed in section 3.3 of the Anglian Offshore Dredging Association (AODA) Marine Aggregates Regional Environmental Assessment (MAREA) compiled by \*EMU for the AODA, this MAREA examined the cumulative impact and effects of offshore dredging for the East Anglian Region.

MARINET has also questioned the suitability and rigor of the science underlying the MAREA offshore wave model and its associated wave regime, and has asked the MMO to ensure that the MMO's own experts examine this matter in close detail.

Further evidence of the correlation between the increasing amounts of seabed material removed by offshore dredging and the accelerated erosion of the Great Yarmouth are coastline can be found on MARINET web site [www.marinet.org](http://www.marinet.org)

MARINET sincerely hope that you will consider these points and refuse this application and not (as in the past) grant the application despite all the objections.

Yours sincerely - For and on behalf of MARINET Mike King

\*The East Anglian Region MAREA Stakeholders consultation meeting with MARINET took place on 9<sup>th</sup> September 2010 at the Waterside Restraint Rollesby Norfolk EMU Reps. were Justina Southworth and Kim Bridge. MARINET Reps. were Pat Gowen and Mike King.

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