



**Office of
Environment
& Heritage**

Date: 27 March 2015
Your reference: DA563/2014
Our reference: DOC15/100062
Contact: Calvin Houlison
4224 4179

Tim Collins
Assessment Officer
Shellharbour City Council
Locked Bag 155
SHELLHARBOUR NSW 2529
E-mail: tim.collins@shellharbour.nsw.gov.au

Dear Mr Collins

RE: Dunmore Resource Recovery Centre Redevelopment (DA 523/2014)

We have conducted a review of the Dunmore Resource Recovery Redevelopment EIS (Hyder, 2014) and suggest that Council be satisfied that the following matters have been adequately addressed with relation to floodplain management:

- the impact of flooding on the potential development (including overland flow)
- the impact of the potential development on flood behaviour (particularly topography changes) including any management measures to mitigate adverse flood impacts
- the impact of flooding on the safety of people/users of the development including flood hazard on access routes and access requirements in times of flood
- the full range of flood events, up to and including the PMF
- the impact of climate change (including sea level rise and rainfall intensity increases)

Based upon the information available, consideration should be given to these issues in their entirety, particularly with regard to overland flow and climate change impacts.

It is unclear whether adequate consideration has been given to contingencies related to the performance of stormwater infrastructure should design rainfall be exceeded. It is recommended that a risk management approach be developed in line with current engineering best practice to minimise impacts on Rocklow Creek and the Minnamurra River estuary. Furthermore, as the site has the potential to impact environmentally significant wetlands, we recommend that Council ensure the proposed development is consistent with the State Environmental Planning Policy No 14 (SEPP 14) – Coastal Wetlands, the NSW Coastal Policy, Shellharbour LEP 2014 (particularly Clauses 6.1-6.4) and the Minnamurra River Estuary Management Plan and its objectives.

Please contact me on 4224 4179 or via e-mail calvin.houlison@environment.nsw.gov.au if you have any further queries.

Yours sincerely

CALVIN HOULISON
Conservation Planning Officer