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Annex 1

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Director of Environmental Protection
(Attn: Mr C W Tse)
46/F, Revenue Tower
5 Gloucester Road
Wan Chai
Hong Kong

Dear C W,

**Environmental Impact Assessment Report on
“Development of Integrated Waste Management Facilities Phase 1”**

I write to inform you that on 11 April 2011, the Advisory Council on the Environment considered the Environmental Impact Assessment (EIA) report on “Development of Integrated Waste Management Facilities (IWMF) Phase 1” which includes three assessment scenarios based on two potential sites, namely –

- (a) developing an IWMF at the Middle Tsang Tsui Ash Lagoon in Tuen Mun alone;
- (b) developing an IWMF at an artificial island near Shek Kwu Chau alone; and
- (c) developing an IWMF at each of the two potential sites.

The Council endorsed the EIA report with the following conditions and the Council also made the following recommendations –

In respect of the site at Middle Tsang Tsui Ash Lagoon in Tuen Mun

(I) Conditions

- (a) the project proponent should submit a detailed proposal on enhancement of air quality monitoring in Tuen Mun District to the Director of Environmental Protection (DEP) for approval before commencing the construction of the project. The proposal should include the setting up of air quality monitoring station(s) and devising air quality monitoring programme(s) to keep track of the air quality impacts of the project and the results of which should be made known to the public;
- (b) the project proponent should submit a Habitat Creation and Management Plan, in consultation with the Agriculture, Fisheries and Conservation Department (AFCD), for the proposed compensatory permanent pond habitat within the project site and the interim habitat enhancement work at the unoccupied Middle Lagoon on the southern side of the project site to the DEP for approval before commencing the construction of the project;
- (c) the project proponent should include in the Environmental Monitoring and Audit programme a monitoring programme on potential ash leakage from the ash lagoons; and
- (d) the project proponent should set up community liaison group(s) comprising representatives of concerned and affected parties to facilitate communications, enquiries and complaints handlings on all environmental issues;

(II) Recommendations

- (a) to put in place a Woodland Enhancement Plan for areas in the vicinity of the project site which are sparsely vegetated to achieve carbon off-setting;
- (b) to recycle and reuse bottom ash generated by the waste incineration process with a view to maximizing its beneficial use before disposal to the landfills;
- (c) to formulate plans on developing communal facilities, with considerations on the potential to promote local employment opportunities, by using the

energy and electricity generated by the project gainfully; and

- (d) to build on the experience of the first facility built and take into account the progress of the effectiveness of waste reduction measures in considering the way forward for further development of similar facilities.

In respect of the site at an artificial island near Shek Kwu Chau

(I) Conditions


- (a) the project proponent should submit a detailed proposal on enhancement of air quality monitoring in Cheung Chau to the DEP for approval before commencing the construction of the project. The proposal should include setting up of air quality monitoring station(s) and devising air quality monitoring programme(s) to keep track of the air quality impacts of the project and the results of which should be made known to the public;
- (b) the project proponent should advance the preparation works for the designation of the marine park in the waters between Shek Kwu Chau and Soko Islands, including a study on the details of the designation, consultation with stakeholders and incorporation of enhancement measures such as deploying artificial reefs and releasing fish fry, on the understanding that the designation of the marine park would immediately follow completion of the project construction work;
- (c) the project proponent should submit a detailed monitoring programme, in consultation with the AFCD, on Finless Porpoise during the construction and operational phases to the DEP for approval before commencing the construction of the project;
- (d) the project proponent should submit a detailed plan on the on-site wastewater treatment plant based on realistic assessment of various sources of sewage, including those generated from the sanitary facilities of the proposed Education Center and potential surface runoff, to the DEP for approval before commencing the construction of the project; and
- (e) the project proponent should set up community liaison group(s) comprising representatives of concerned and affected parties, including the fishery

sector, to facilitate communications, enquiries and complaints handlings on all environmental issues;

(II) Recommendations

- (a) to maximize the use of local public fills, including construction and demolition materials, for reclamation of the artificial island;
- (b) to formulate a fisheries enhancement programme with a view to enhancing fisheries resources in the vicinity of the project area and promoting related activities such as eco-tourism and recreational fishing;
- (c) to recycle and reuse bottom ash generated by the waste incineration process with a view to maximizing its beneficial use before disposal to the landfills;
- (d) to formulate plans on developing communal facilities, with considerations on the potential to promote local employment opportunities, by using the energy and electricity generated by the project gainfully; and
- (e) to build on the experience of the first facility built and take into account the progress of the effectiveness of waste reduction measures in considering the way forward for further development of similar facilities.

Yours sincerely,



(Carlson K S Chan)
Secretary,

Advisory Council on the Environment

c.c. Chairman, ACE
Chairman, EIASC



Project Title : Integrated Waste Management Facilities (IWMF) – Phase 1

Figure 1 Location of the IWMF at the Tsang Tsui Ash Lagoons Site

(Reproduced from Figure ES1 of the Executive Summary of the EIA Report)





Project Title : Integrated Waste Management Facilities (IWMF) – Phase 1
Figure 2 Location of the IWMF at the Artificial Island near Shek Kwu Chau
(Reproduced from Figure ES2 of the Executive Summary of the EIA Report)

