

## *Site Waste Management Plan*

### Queen Elizabeth Class (QEC) Capital Dredge Project

### Project No. 826-10205

**CLIENT NAME** : Defence Infrastructure Organisation (DIO)

**PROJECT LOCATION** : Portsmouth, UK

**PROJECT MANAGER** : [BWL PM]

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## 1. General

The purpose of this Project Waste Management Plan is to develop and monitor waste management strategies for the site and key waste reporting requirements.

In the first instance, waste from vessels is managed in accordance with the vessel's own Garbage Management Plan (EQP-301), and subsequently through co-ordination with the shore-based project team. (See 3.2, Ships)

## 2. Material Selection and Purchase

Where possible or practical to do so, the project will purchase renewable, reused or recycled materials – or materials with reuse or recycling capability.

Material purchases shall be made with regard to the minimum quantities required in order to achieve project deliverables.

## 3. On Site Waste Management – Sorting & Storage

### 3.1 *Eliminate, reduce, reuse and recycle*

Where possible, the project will implement the waste management hierarchy:

**Eliminate** unnecessary wastage by storing materials neatly on flat solid ground to avoid damage and loss.

**Reduce** the amount of waste created on site. Keep materials in their packaging for as long as possible to protect them from damage.

**Reuse** materials until no longer fit for purpose.

**Recycle** materials whenever possible. Segregate waste on site into different types; store waste in appropriate skip or container until removed from site.

Waste will be collected and stored on site in accordance with the schedule below:

Waste Type	Reuse / Recycle / Dispose	Storage Receptacle / Marker
Domestic / food waste	Dispose	General waste container
Sewage / septic tank	Dispose	Tank beneath WC [TBC]
Hazardous waste	Dispose	[TBC]
Metal waste	Reuse – Recycle [TBC]	[TBC]
Timber waste	Reuse – Recycle [TBC]	[TBC]
Paper / cardboard / cans / plastics / glass	Recycle	Recyclable waste container

### 3.2 *Locations*

#### **Canteens / Offices**

Waste bins shall be placed at all locations where food is consumed or litter is produced. Bins will be emptied regularly into a central container that will be removed from site when full by one of the nominated licensed waste carriers.

At the site office area, separate containers will be made available for general household / domestic waste and recyclable materials.

#### **Ships**

In accordance with the requirements of the International Convention for the Prevention of Pollution from Ships (MARPOL 73/78), Boskalis dredgers operate a Garbage Management Plan, that includes the following provisions: Minimising the amount of potential garbage; procedures for collecting, storing and disposing of garbage, and a summary of related Regulations.

'Minimising' includes the reduction of packaging wherever possible / practical, and the use of washable items over disposable or convenience items. The collection of waste is concerned with appropriate segregation, and the avoidance of cross-contamination between different types of waste. On board storage of waste will be in dedicated locations where clearly marked containers shall be placed.

The project team shall facilitate the disposal of waste at shore-side facilities or, where necessary, direct to onshore disposal facilities, strictly controlled in accordance with port facility procedures and waste disposal legislation. All records shall be kept in the vessel's Garbage Disposal Record Book, and in the project's waste register / Project Master File.

#### **Sanitary**

All [any] temporary onshore sanitary facilities shall be drained to a centralised collection system (septic tank). Arrangements for emptying / disposal will be facilitated by the project team, in providing collection services by a suitably licensed waste carrier.

#### 4. Site Waste Management – Collection, Transport & Disposal

Waste Type	Frequency of Disposal	Licensed Waste Carrier	License Number	Nominated Waste Disposal Facility
Domestic / food (mixed) waste				
Sewage / Septic Tank				
Hazardous waste (oil, oil filters, oily rags and empty paint containers, etc)				
Metal waste				
Timber waste				
Mixed recyclables (paper, card, cans, plastics, bottles, etc)				

[All TBC]

#### 5. Waste Reporting Information

For all waste generated by / collected from the project, a register will be maintained that records the following details:

- Unique register entry number;
- Date;
- Waste Type;
- Volume / unit;
- Licensed Waste Carrier;
- Waste Transfer Note reference number;
- Collection location;
- Whether the waste was disposed of, recycled or reused;
- The name of the waste disposal facility.

Waste Transfer Notes will be retained on site within the Project Master File.