

Hillingdon Hospital
Pield Heath Road
Uxbridge
Middlesex
UB8 3NN

Nexus Planning
5th Floor
Thames Tower
Station Road
Reading
Berkshire RG1 1LX

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Planning application for new ward Building

Hillingdon Hospital - Relocation of Waste Compound

Introduction

The main waste compound provides a centralised secure location for waste before leaving the site for disposal, processing and/or recycling. It's operational times when access is permitted by staff and collection vehicles are 06:00 to 17:00, seven days, 365 days per year. The Trust has a "Waste Management Policy and Procedures" policy, we also follow the "Environment and sustainability Health Technical Memorandum 07-01: Safe management of healthcare waste" the waste hierarchy to prevent, re-use, recycle, recover, disposal all of which supports our recycling as much waste as possible. This is undertaken by the following described waste flows which we endeavour to gain the best recovery of waste routes for non-recyclable and recyclable materials from our suppliers. We employ a waste consultant & DGSA, Independent Safety Services Ltd, who also advise and support the NHS.

The compound holds a range of waste prior to being moved off site for recycling:

- compacted general hospital waste which is collected each Monday and Thursday, the compactor is taken off site, emptied and returned (32 tonne vehicle). Minimal volumes go to landfill with the remaining for general incinerators (waste to Energy plants). Veolia
- Once a month, cooking oil for recycling is collected by a 3.5 tonne van. This is recycled by a charity for bio-fuel and generates employment for disabled adults. Yateley Industries for the Disabled Ltd
- Waste Electrical Electronic Equipment (WEEE) has a bin exchange system which includes two mixed WEEE bins 8'x 4'x 4' one tube/light bin 8'x 4'x 4' and one 48" by 40" battery pallet this is collected once every three months, which involves a 25 tonne curtain sided truck fitted with a Moffit forklift, for ease of loading/unloading. This goes to a materials recovery plant that recovers 95% materials for re-manufacturing. Electrical Waste Ltd
- Recycling of metal is dependant of the throughput, the supplier is called in when required and is mainly a 3.5 tonne flatbed van and calls bi-monthly or as required. Metal being one of the easy recyclable materials. AAA Metals

- London Borough of Hillingdon provides a dry mixed recycling service weekly to empty 20, 1100 litre wheelie bins with a 25tonne compacting dust cart. We have a 30yrd ro-ro lidded skip for flat packed clean cardboard which is emptied weekly, normally Thursday, the vehicle used is a 25 tonne truck. Mixed dry recycling to MRF's and cardboard to DS Smith Recycling Ltd.
- The main volume waste which is classed as clinical waste, this has several types mainly, offensive, alternative treatment and hazardous, all stored in 770 litre lockable wheelie bins marked appropriately, average bin numbers in the compound is approximately 120 (mixed empties and full). Clinical waste has a daily service other than Christmas, Easter Sunday and New Year's days, the offensive waste is collected Monday to Friday by a low compression dust cart (25 tonne), all other clinical waste is collected seven days a week by bin exchange vehicles (clean, empty for full on a 1 to 1 basis) normally a 25 tonne double deck 42 bin truck or two 7.5 tonne 15 bin capacity trucks. This waste stream would normally be incinerated by the plant on site and although not waste to energy provides 80% of the steam for heating and hot water for the hospital (currently off line for up-dating its plant). When not processed on site by SRCL, it is transferred to their other sites (Larkfield, Kent – Incineration, Sidcup or Ipswich – Veolia).

Management of the waste compound

In the compound itself there is a bin wash used for the smaller internal bins 120 to 340 litre domestic and clinical bins, all contracted 770 litre clinical bins are provided by the supplier and are cleaned once emptied at their premises, incinerator plants.

The Trust's own waste operatives have a responsibility to ensure the compound remains clean, secure and safe at all times. Measures such as rubber wheels are fitted to waste wheelie bins which encouraged to reduce any disturbance from noise, bin lids are kept shut to avoid any smell although all waste is bagged or in sealed bins. Waste that enters the compound has to be removed as soon as practical as its provided to storage waste for minimal periods, bulk clinical waste should not be stored and should be removed within three days. Its existing location adjacent to the Paediatric wards has operated without complaint of for over 8 years. We operate in the quiet hospital rules of not starting operations before 6am so as to avoid disturbing patients.

Proposed location

The existing compound will be relocated in order to clear space in front of the new ward building for car parking. Its location has been carefully planned so that the compound sits on the far corner of the building away from the main wards. The previous location did not lead to complaints from the Paediatric or any other hospital users.

Three locations were considered:

- in the gravel car park near to the Colham Green Road entrance
- near the rear of the Maternity Block
- near to the Royal Lane entrance

The gravel car park near to Colham Green Road was discounted due to a stream running beside the possible location and potential issues over drainage.

The Royal Lane location was discounted because it is too far from the main hospital wards and therefore would have been difficult operationally for the waste team to manage.

The proposed location for the Waste Compound near the Maternity Block is convenient for moving waste around the site and is closer to the entrance than the existing location.

The management and operation of the Waste Compound will be the same as existing.

Yours sincerely,

A handwritten signature in black ink, appearing to read 'S. Wedgwood', with a stylized flourish at the end.

Steve Wedgwood
Deputy Director of Estates & Facilities