

Section K.1 – Cessation of Activity

The proposed Residuals Management Plan (see document K.1 D1 attached) describes in summary the steps that would be followed in decommissioning the facility.

The treatment and materials recovery facilities proposed in this application do not require any special installation features or material changes to the building envelope or to the existing utilities. The STI Model 2000 consists of modular components, each of which have a specific entity and are found in many industrial processes. Similarly, the materials recovery facility has been constructed in a modular fashion from commonly available industrial equipment.

Removal, following decontamination and cleaning of the above components, would take approximately six weeks as a project. In the event of a decision to decommission, no waste streams would be taken on-site and all existing materials would be processed.

Decommissioning will not result in any short or long term effects on the environment.

Because of the nature of the proposed activities on the site it is not anticipated that an aftercare programme will be required.

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Document K.1 D1 Residuals Management Plan

This plan describes the processes that the operator would undertake when decommissioning the activities operating at 420-430 Beech Road.

1. All deliveries of waste to the site would be halted.
2. All untreated healthcare waste on site would be processed or transferred to another suitably licensed facility for treatment and final disposal.
3. All treated waste would be placed in Flexible Intermediate Bulk Container (FIBC) and conveyed in roll on/off skips to a suitably licensed facility for disposal.
4. The shredders and bin lifts would be sprayed with sodium hypochlorite solution before being dismantled and sold.
5. The weighing devices would be removed from their floor mountings and reused elsewhere. Any material accumulated under the weighing devices would be bagged and sent for incineration
6. The STI Model 2000 processing unit would be decontaminated by passing sodium hypochlorite through the unit after it had been run clear of waste. Once decontaminated the unit would be removed in one piece for reuse or broken up for scrap.
7. The equipment within the recovery facility would be cleaned down and unbolted. No special decontamination would be required as this part of the site will not have been in contact with any infectious material. The largest item, the hot air dryer/classifier, would be removed in one piece for reuse elsewhere. Other smaller items would be removed for reuse or broken up for scrap.
8. The bin wash system is fully self-contained and following use can be decommissioned in line with the manufacturer's procedures. This item is widely used in process industries and can be utilised again.
9. Filtration media such as the filters within the HEPA filters, the activated carbon within the condenser system, and the reverse jet filters would be removed for processing at an appropriately licensed facility. Once the filter media was removed the casing of the HEPA filter and the casing of the condenser system and the associated ducting would be decontaminated with sodium hypochlorite. The casing of the reverse jet filter would be cleaned with water. The equipment could then be reused but the ducting would have to be disposed of to a suitably authorised facility.

10. Ancillary items such as electric motors, central heating boilers and programmable logic controls (PLC's) technology are all industry standards and easily removed. (Electrical Items would be disposed of in accordance with the requirements of relevant legislation).
11. Loose debris (other than potentially infectious wastes) will be placed in a rubbish container for disposal to a suitably authorised facility. All potentially infectious waste will be placed in bags and transported to a suitably authorised facility for treatment and disposal.
12. An approved contractor will remove any fuels, lubricants, and waste oils for disposal off-site.
13. All walls, drains and storage areas will be cleaned using sodium hypochlorite.
14. The gas supplies to the site will be disconnected
15. All electrical power to the site will be disconnected.
16. The water supply to the site will be disconnected.

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