Management Plan – Brixton Market Waste Compactor Yard

Overview

Creation of a market compound in the car park on Brixton Station Rd to re-house the general waste and recycling compactors as well as food waste storage from their existing location at the rear of the public conveniences on Pope’s Road, Brixton.

Current Collection Method

Two compactors are placed behind the Popes Rd toilet where they are filled with waste from the street market area including Electric Avenue, Popes Rd and Brixton Station Rd. The compactors are not adequate to cope with the amount of waste collected and access to the compactors is restricted which means they cannot be emptied throughout the day to create additional capacity. As a result, the current waste collection for Brixton Market consists of a hybrid of collection methods that result in an inconsistent and confusing collection method for businesses and market stall holders.

The AM shift use electric cages which are based at various locations throughout the market. This encouraged businesses and market stall holders to take their waste to the cages as and when necessary. Inevitably the cages overfill and waste is then stored on the ground next to the cages until they are emptied. In addition during the setting up period many of the shops and market stalls place waste on the ground and wait for the cage to come past and pick up the waste. This creates an eyesore that encourages additional waste to be placed on the ground.

An RCV runs through the market a minimum of three times a day. The space provided for the vehicle to run through is very tight and can cause a danger/hazard. Shops and market stall holders are encouraged to bring out any waste that needs collecting and place it in the back of the vehicle as it passes their business.

Overall this practice makes it difficult to control the waste in the market resulting in a dangerous and unsightly environment for business and shoppers.

Moving forward

Environmental quality is a priority for the authority. The refurbished market area has provided the catalyst to change behaviour and implement a new waste management and collection process that will improve the area for shop owners, Market stall owners and visitors to the area.

The Yard (NEW COMPOUND IN CAR PARK ON BRIXTON STATION ROAD)

- The compound will be restricted to Veolia staff only. A fence will be provided around the proposed compound area to prevent access BY unauthorised personnel.
- The yard will house:
  - 3 x compactors (3.78m x 1.78m x…m) requiring a 6m height limit for emptying
    - 3 phase power supply
  - 5 x electric hand barrows
- 240v power supply (for charging)
  - 5 x sweepers barrows and associated equipment
  - 4 x 1100 litre food waste bins
- Facilities
  - Water supply

**Hours of Operation**

- **Monday to Saturday**
  - Collection of the compactors will take place *between 8am and 7pm*
  - The site will also be accessible from 6am - 8am and 7pm - 10pm receive waste from the market and to retrieve and return equipment for the wider Brixton cleansing operation.
  - During the hours of 7am and 9pm the compactors will be in operation. The compactors are sealed units so produce minimal noise and smells. The compacting process takes less than 1 minute
  - Electric hand carts will be collected from, returned to and emptied at the site during these operational hours – the carts operate silently
  - Veolia staff will also collect their street sweeping barrows from the site and return them at the end of their shift
- **Sunday**
  - There will be no use of the compactors or cages on a Sunday, instead an RCV will be provided to go through Electric Avenue when the stalls are not there twice a day. Once in the morning and once at the end of the day.
  - Access to the site will be by Veolia staff on foot only, *between 6am and 10pm*, to collect their street sweeping barrows and replace them at the end of their shift. This will be a silent operation lasting a couple of minutes
- **Access outside of these times may be required in an emergency**
- **All attempts to reduce activity early in the morning and late in the evening will be taken by staff**

**Collection Times**

- **Compactors**
  - Compactors will be collected for emptying as and when required Monday to Saturday
  - It is anticipated the compactors will be emptied between 1 and 2 times a day each
  - The earliest collection will take place *no earlier than 8am*
  - The latest collection will take place *no later than 7pm*
  - There will be *no collections on Sunday*
  - The collection process will entail a standard skip lorry reversing into the yard and collecting the full compactor taking it away for emptying. The empty compactor is then returned and the process repeated as required
    - The loading/unloading process takes approx. 5-10 minutes]
• **Food recycling bins**
  o Food waste bins will be emptied by a RCV, *no earlier than 8am and no later than 7pm* Monday to Saturday. It is anticipated this will happen three times a week.
  o There will be *no food waste collection on Sunday*
  o The food recycling bins are standard 1100 litre lockable wheelie bins
  o The collection process will entail a standard rubbish collection vehicle (26 tonne RVC) emptying the bins on site

**Market Cleaning**

• Flushing the market with water will be undertaken before the beginning of each day at 5am to wash down the residual effects of the previous day’s activity
• Market stalls would need to be restricted from setting up until 7am. This would allow washing to start at 5am and be completed by 7am
• The flushing operation will be undertaken by two operatives at one time
• In addition waste would need to be controlled and prevented from coming out past 10pm and before 7am
  o A maximum 25 metre length of hose would be used to avoid uncontrollable trip hazards etc. the hydrants would need to be placed to allow all areas of the market to be covered by the above length hose

**Method Statement**

• From 6am three operatives will start work in the Market and finish at 3pm. All operatives will be dedicated to the market area and Atlantic Rd.
• One operative will run a trolley through the market to remove any dumped waste.
• Two operatives will start washing down the market area using 25 metre hoses and focusing on grot spot areas and complete the works at 7am
• **Market stalls can now start to set up.**
• At 7am all operatives will resume street cleansing operations
• At approximately 8am one operative will start the first run through with a trolley to collect market and shop waste. This will be taken to the compound and placed in the appropriate compactor. This operation will run continuously approximately every hour to remove waste from the shops.
• Operatives will take it in turn to take a 20 minute break. This will ensure the waste collection and street cleansing is continuous and prevent a build-up of waste.
• Each operative will take an hour lunch break at half an hour intervals to ensure two operatives in the market and any one time.
• At 1pm the second shift will start work consisting of 4 operatives
• Two operatives will now operate the trollies to deal with the peak period and two operatives will join the first shift to ensure all areas of the market are free of litter.
• Operatives will take it in turn to take a 20 minute break. This will ensure the waste collection and street cleansing in continuous and prevent a build-up of waste.
• At 3pm the first shift operatives will finish work
• Operatives will take it in turns to take a 20 minute break. Two operatives will continue with waste collection through this period.
• Operatives will take it in turns to take an hour long break. This will be done in half hour intervals to ensure a continuous operation.
• Between the hours of 5pm and 8pm a minimum of one operative will continue to run a trolley through the market for waste.
• The remaining operatives will focus on street cleansing but will help out with waste removal as required.
• The remaining time will be split between waste collection and street cleansing.
• The second shift will finish work at 10pm.