Recycling and recovery UK

# Newquay HWRC

# Household Waste Recycling Centre

# 1.2 Operations and Emissions Management Plan

## December 2025

Recycling and recovery UK

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## APPENDICES

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# 1 INTRODUCTION

## 1.1 Operational Hours

1.1.1 The operational hours of the site are detailed within the Planning Permission and all specified waste management activities will be undertaken within the hours specified. including restrictions on hours for loading/unloading and movement of wastes.

## 1.2 Permitted Activities

1.2.1 This documents supports an application for a new environmental permit for Newquay Household Waste Recycling Centre (HWRC), Stret Percival, Newquay TR8 4NY, Cornwall. The site will operate as a HWRC, accepting non-hazardous and hazardous waste types typically expected to arise from households from the public.

1.2.2 The site will also host a reuse shop, allowing items to be intercepted for reuse. The reuse shop supports the HWRC and is located on the site. It does not operate any permitted activities.

1.2.3 The waste types permitted to be accepted at the site are detailed in Appendix A and in the environmental permit.

1.2.4 The maximum permitted annual tonnage of waste accepted at the site shall not exceed 25,000 tonnes.

1.2.5 The D and R activity codes that will be carried out on site are detailed below:

| | |
|---|---|
| D9 | Physico-chemical treatment not specified elsewhere in Annex IIA which results in final compounds or mixtures which are discarded by means of any of the operations numbered D1 to D8 and D10 to D12 |
| D14 | Repackaging prior to submission to any of the operations numbered D1 to 13 |
| D15 | Storage pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection, on the site where it is produced) |
| R3 | Recycling/reclamation of organic substances which are not used as solvents |
| R4 | Recycling/reclamation of metals and metal compounds |
| R5 | Recycling/reclamation of other inorganic materials |
| R13 | Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced) |

# 2 OPERATIONS

## 2.1 Activities & Processes

2.1.1 The following activities and processes are carried out at the facility:

- Waste acceptance
- Unloading waste by members of the public, supervised by site operatives
- Manual sorting and separation of waste into segregated waste storage areas and containers
- Compaction of waste by mobile plant to improve payload
- Storage of waste
- Roll-on/roll-off (RORO) container and skip exchange
- Loading waste for transport off-site

## 2.2 Waste Acceptance

2.2.1 Waste acceptance, rejection and dispatch procedures are detailed in SUEZ Integrated Management System (IMS) - Duty of Care. Procedures associated with hazardous waste are detailed in IMS – Hazardous Waste.

2.2.2 In addition to the waste acceptance procedures, an evaluation of the incoming waste is undertaken on site, by site operatives, to ensure effective waste handling and storage management to prevent any potential amenity effects.

2.2.3 Any non-conforming loads will either be rejected from the site and redirected to an appropriate permitted facility or placed in quarantine prior to removal from site. A record of a non-conforming occurrence will be recorded in the site diary.

## 2.3 Unloading Waste

2.3.1 Wastes deposited at the HWRC are primarily deposited by members of the public, with direction and assistance provided by site staff when necessary.

2.3.2 Visiting traffic for the site is directed via signage and a separate entrance and exit. Parking areas for the public to use for unloading waste are clearly marked.

2.3.3 All areas internal and external to the site which are used by visiting traffic are constructed from impermeable surface so generation of mud on external highways and roads from activities on site is considered to be low risk.

2.3.4 Visiting waste collection drivers are required to inspect their vehicles before exiting the site to ensure their load is secure.

2.3.5 Daily inspections of the waste storage areas are undertaken to check for leaks and spillages to ensure that all litter and dust/particulate matter generated from activities are contained within the waste storage area.

## 2.4 Waste Treatment

2.4.1 The treatment undertaken at the site is manual sorting, separation and bulking of waste into different streams to improve recovery rates and may also include some light compaction of certain waste streams within containers to aid transport. Treatment processes are constantly monitored by site operatives.

## 2.5 Waste Storage

2.5.1 Wastes are stored with the aim of ensuring that different types of waste accepted are stored separately, where possible, to ensure they do not contaminate each other, they can be recovered more easily, and transfer notes can be completed correctly. All wastes delivered and accepted to the site are directed to specific areas for storage.

2.5.2 All wastes on site are stored safely and securely using suitable RORO skips, ISO containers and dedicated storage bins/containers or in secure areas to ensure waste will not escape. Where wastes are stored in containers they are labelled as necessary and covers are utilised where deemed necessary to prevent litter or rainfall infiltration.

2.5.3 Wastes are stored to ensure there is no mixing of incompatible wastes.

2.5.4 The site infrastructure plans (document reference 1.1) detail the location of the waste storage areas and containers on site.

2.5.5 The storage method, maximum storage time and maximum volume for any waste storage is detailed in Appendix B.

2.5.6 Residual waste, bulky plastics, cardboard, green waste, metal, bulky waste and wood are stored in RORO containers in the centre of the site on the lower level. These are accessed by the public via the upper level, where waste can be directly dropped into the containers.

2.5.7 Gas bottles, fridges, freezers and tyres are stored in a secure caged storage area in the southwest corner of the site on the upper level.

2.5.8 There are several RORO containers and specialised containers provided on the upper level along the southern border of the site for the deposit of specified wastes including asbestos, plasterboard, TVs, small WEEE, rubble, plastics packaging and cans, glass, paper, coffee pods, paints, household chemicals and fluorescent tubes. . There is also a container for reusable items, which will be intercepted before entering the waste stream.

2.5.9 Oil, textile, tetrapak, vehicle and household batteries are deposited in specialised dedicated containers provided on the upper level to the north of the vehicle access road on each side of the parking bays.

2.5.10 Appropriately bunded tanks are provided for the storage of waste oils.

2.5.11 A dedicated lockable container is provided for the deposit of asbestos waste. Asbestos waste must be double bagged.

2.5.12 Batteries are stored in battery boxes that will contain any spillage of acid.

2.5.13 Hazardous chemicals accepted on site are stored within a dedicated locked chemical cabinet.

2.5.14 Fluorescent tubes are accepted into a specialised container.

2.5.15 No waste types are stored on site for longer than 3 months.

2.5.16 There is no storage of waste in bales at site.

2.5.17 The maximum quantity of hazardous waste stored on site will not exceed 50 tonnes at any one time.

2.5.18 The key control at site to ensure wastes are stored for the minimum timescales is the use of the principle of “first in, first out”. Materials are handled and removed from site in order of receipt therefore ensuring a frequent turnover of materials.

2.5.19 Daily inspections are undertaken at the waste storage areas as set out in Section 3.1. Inspections will include checks for any leaks and spillages and an assessment of pests, odour, dust, litter and noise.

## 2.6 Waste Loading

2.6.1 All wastes stored on site are dispatched by road.

2.6.2 Wastes stored on site are primarily stored within RORO containers. Full containers are lifted onto vehicles and dispatched from site.

2.6.3 Other wastes stored in dedicated containers (e.g., battery boxes) are either lifted into vehicles or removed from containers and loaded by hand into vehicles and dispatched from site.

## 2.7 Quarantine

2.7.1 Staff will carry out ongoing visual inspection of the wastes on delivery. Any non-conforming waste will either be rejected from the site and redirected to an appropriately permitted facility or placed in quarantine prior to removal from site.

2.7.2 If non-conforming waste is identified as unacceptable during deposit, the member of the public will be informed and asked to remove the waste from site. If unacceptable waste is identified after it has been deposited by a member of the public, then it will be quarantined and removed from site as soon as possible.

2.7.3 The HWRC does not benefit from a dedicated quarantine area as space is limited on site. A temporary quarantine area can be provided on site for non-conforming waste on the lower level. This area will depend upon the waste requiring quarantine. The quarantined waste will be kept segregated from all other waste.

2.7.4 Any small hazardous items of non-conforming waste found within a load will be removed and placed within a lockable container.

2.7.5 Any quarantined waste placed within the lockable container will be removed from site as soon as possible.

2.7.6 Quarantine procedures in the event of a fire are provided in document reference 1.7 Fire Prevention Plan.

2.7.7 Records will be kept of any quarantined waste.

# 3 INSPECTION, EMERGENCY PREPAREDNESS & MANAGING NON-CONFORMANCE

## 3.1 Site Inspections

3.1.1 Daily inspections of the site infrastructure are undertaken in line with SUEZ IMS Procedure - Site Inspection, Audit & Reporting. Any required site and equipment maintenance is carried out in line with manufacturer's recommendations.

3.1.2 Site inspections are recorded on the SUEZ Vision app, a SUEZ dedicated application.

3.1.3 The daily inspections will include checks for the below key risks:

- Leaks and spillages
- Litter
- Dust/particulate matter
- Odour
- Noise
- Pests
- Fire

## 3.2 Emergency Preparedness

3.2.1 Emergency preparedness and response measures are set out within SUEZ IMS Procedure - Emergency Preparedness & Response including:

- Spillages
- Fire

3.2.2 All fire outbreaks on-site will be treated as an emergency. The burning of waste materials on-site is not permitted. Firefighting equipment is provided at key locations within the site, site personnel will receive training in fire prevention and firefighting.

3.2.3 Detailed procedures for the prevention of fire and emergency measures to be taken in the event of a fire are described fully within the separate site-specific Fire Prevention Plan (document reference 1.7).

3.2.4 General accident management measures are listed in the Accident Prevention and Management Plan (document reference 1.4) and business continuity measures are listed in the Business Continuity and Contingency Plan (document reference 1.5).

## 3.3 Managing Non-Conformance

3.3.1 Procedures for identifying, reporting, investigation and remediation of non-conformances are set out in SUEZ IMS Procedure - Managing Non-Conformance, Corrective and Preventative Action.

### 3.4 Complaints

3.4.1 All complaints are managed in line with SUEZ IMS Procedures Complaints, Managing Non-Conformance, Corrective and Preventative Action, Amenity Control and Monitoring and Amenity Complaints.

### 3.5 Leaks & Spillages

Any spillages or leaks will be dealt with promptly according to the emergency procedures detailed within IMS Section - Emergency Preparedness and Response.

### 3.6 Site & Equipment Maintenance

3.6.1 The selection process of plant and equipment used on site will ensure that it is fit and suitable for the relevant work activity, can be maintained safely, is CE marked and provided with test certificates where necessary.

3.6.2 All equipment will be inspected, maintained and serviced in accordance with the manufacturer's/ supplier's instructions and any relevant statutory requirements. Maintenance of plant, equipment and infrastructure will be scheduled as necessary, and implemented and recorded on the site-specific maintenance planner.

3.6.3 The maintenance schedule will include all items which are critical to environment and industrial risk.

## 4 EMISSIONS MANAGEMENT AND MONITORING

### 4.1 Summary

4.1.1 A summary of the potential emissions from the site and type of emission is in the table below:

| Emission Type | Fugitive | Channelled |
|---|---|---|
| Clean surface water | No | Yes |
| Contaminated surface water | No | Yes |
| Litter | Yes | No |
| Mud and Debris | Yes | No |
| Dust and Fibres | Yes | No |
| Odours | Yes | No |
| Noise and Vibration | Yes | No |
| Pests | Yes | No |

4.1.2 The only channelled emissions from site include the clean surface water to the groundwater infiltration system and contaminated water to the foul water sewer.

## 4.2 Surface and Foul Water Management and Monitoring

4.2.1 The entire site operational area is constructed with impermeable surfacing of a sufficiently durable construction to withstand the weight of the waste and containers stored at the facility, and the operational vehicles using the facility.

4.2.2 The surface provides an impermeable barrier to protect the underlying ground/groundwater from the transmission of potential contamination by the site activities.

4.2.3 The site is served by a surface water drainage system and a foul water drainage system.

4.2.4 The surface water system serves all site roadways, parking areas and run off from building roofs. The surface water systems comprise a number of gullies and goes through a full retention separator before leading to an infiltration tank to be discharged to groundwater.

4.2.5 The foul water drainage system serves the office welfare facilities and areas of the site on which certain waste that may have the potential to cause contaminated run off is stored. Foul water flows through 2 different bypass separators covering different parts of the site before draining to foul sewer.

4.2.6 The surface water and foul water sewer are each fitted with shut-off valve that can be used to prevent water escaping from site e.g., in the event of a fire. The shut-off valve redirects water to a 36m$^3$ sealed tank.

4.2.7 The integrity of the impermeable surface will be inspected by site staff on at least a weekly basis, as required by SUEZ's IMS, and any structural deficiencies will be reported immediately to the Site Manager through the Vision App. Repairs will be initiated as soon as practicable.

4.2.8 Solid matter accumulating in the interceptor and gullies will be removed as and when required by a suitably experienced and registered waste disposal contractor. As a minimum the site interceptor will be inspected at least every 6 months and cleaned as necessary.

## 4.3 Litter

4.3.1 Any escaping material adhering to perimeter fencing will be swept/picked up on an on-going basis. Particular emphasis will be placed on ensuring that material is not allowed to escape on to local highways.

4.3.2 A final inspection around the site at the end of the working day by site staff shall ensure that the site is free of all litter by the end of each business day.

4.3.3 In the event there is an escape of litter from the confines of the site and into the local environment, it will be the responsibility of the site staff to arrange for litter picking of the affected areas when possible.. The operation or delivery generating the escape of litter will be stopped and any container releasing fugitive material will be covered or removed from site immediately.

4.3.4 Any excessive spillage of materials anywhere within the site or on the adjacent highway will be dealt with immediately by sweeping of the surface and litter picking if required. Such a spillage and the action taken will be recorded in the site diary.

## 4.4 Mud and Debris

4.4.1 Should site be notified of any mud or debris being tracked onto the access roads or highway then immediate arrangements shall be made for removal and clean up.

## 4.5 Dust and Fibres

4.5.1 There is the potential for dust to be produced during unloading, compaction and storage of some waste (primarily green waste and DIY construction and demolition waste). Wastes with the potential to generate dust are accepted in very low volumes as would be expected to be generated from a household and transported via members for the public or small traders, and will be deposited manually into RORO containers, making risk of dust emissions beyond the boundary very low.

4.5.2 Regular sweeping of internal and external areas is carried out to prevent build-up of dust on site surfaces.

4.5.3 Daily dust inspections will be undertaken as a matter of routine by site staff during the working day. Should excessive levels of dust be identified, then steps will be taken to remove or subdue via manual watering with a hose where necessary.

## 4.6 Odour

4.6.1 There is the low potential for odour from some wastes accepted at the site (e.g., putrescible waste in general municipal/residual black bag waste, green waste). General and green waste is stored on site for a maximum of 1 week.

4.6.2 Waste acceptance checks are carried out to ensure particularly odorous wastes are not accepted, and regular checks are made of the facility and waste stockpiles to ensure that odour emissions are not occurring.

4.6.3 If particularly odorous wastes are identified at any stage, they will be prioritised for removal from site.

## 4.7 Noise and Vibration

4.7.1 Site operations are not expected to generate noise levels that are deemed excessive. The site staff will ensure that the delivery, processing and loading of waste takes place in a controlled manner so that noise generation is kept to a minimum.

4.7.2 Increases in plant noise are often indicative of future mechanical failure, as such all relevant plant will be regularly and effectively maintained as set out in section 3.6.

## 4.8 Pests

4.8.1 In addition to continuous monitoring by site staff, a specialist contractor may attend to any specific incidence of pests on request to ensure eradication.

4.8.2 Regular pest control visits are carried out by a specialist contractor to monitor pest levels and to ensure that activity does not cause issues.

# 5 STAFF COMPETENCY & TRAINING

## 5.1 Summary

5.1.1 All sites operating under an environmental permit are required to ensure sufficient staff and resources are available to operate the site effectively and in compliance with the Permit / IMS.

5.1.2 All sites are required to ensure:

- all relevant tasks are undertaken by competent personnel.
- appropriate records of education, training, skills and experience are held.
- all personnel performing work on behalf of SUEZ are aware of the SUEZ IMS policies and procedures.

## 5.2 Staff Competence & Training

5.2.1 All new and existing personnel are adequately trained to perform the tasks assigned to them, preventing potential environmental or personal harm.

5.2.2 The following table details the roles undertaken on site, with primary and secondary responsibilities listed.

**Table 3: Site Roles**

| Tasks | Primary Responsibility – Role | Secondary Responsibility - Role |
|---|---|---|
| **Waste Acceptance** | | |
| Site waste acceptance checks | Site operatives | Team Leader |
| **Waste Storage** | | |
| Daily plant checks and cleaning | Site operatives | Team Leader |
| Cleaning of site | Site operatives | Team Leader |
| QEMS checks / Vision App | Team Leader | Area Supervisor |
| Supervisor checks | Area Supervisor | Senior Site Manager |
| Managers monthly checks | Senior Site Manager | Operational Support Manager |
| **Waste Processing** | | |
| Arrange haulage for waste to be removed from site | Area Supervisor | Senior Site Manager |
| Operating mobile plant to process, move & load waste materials | Site operatives | N/A |
| **Arranging Maintenance** | | |

| Tasks | Primary Responsibility – Role | Secondary Responsibility - Role |
|---|---|---|
| Infrastructure | Area Supervisor | Senior Site Manager |
| Mobile plant | Area Supervisor | Senior Site Manager |
| **Monitoring** | | |
| Managing surface water | Area Supervisor | Senior Site Manager |
| **Amenity Checks** | | |
| Amenity checks | Area Supervisor | Senior Site Manager |
| **Reporting** | | |
| Waste returns | Area Supervisor | Operations Manager |
| Energy efficiency/efficient use of raw materials/avoidance, recovery and disposal of wastes produced by the activities | Senior Site Manager | Operations Manager |
| Reportable breaches / incidents | Senior Site Manager | Environment & Industrial Risk Manager / Regional Manager |
| Procedure updates | Senior Site Manager | Operations Manager |

5.2.3 Records of the Technically Competent Manager (TCM) attendance for the site will be recorded on Vision App and/or on the daily diary.

5.2.4 The procedures used to ensure appropriate training (initial and refresher) and/or qualifications and associated records of training staff and contractors are detailed within the following sections of the IMS:

- Training, Awareness and Competence

# 6 RESIDUES MANAGEMENT

## 6.1 Summary

6.1.1 The residues management plan aims to:

- Minimise the generation of residues (waste arising from the ancillary activities to the permitted waste operation, e.g., office operation)
- Optimises the reuse, regeneration, recycling, or energy recovery of residues, including packaging.
- Ensures the proper disposal of residues where recovery is technically or economically impractical.

6.1.2 All wastes generated by the site are managed in line with the waste hierarchy.

6.1.3 SUEZ look to move materials up the hierarchy wherever possible and have processes on site to facilitate this (waste sorting etc.).

6.1.4 SUEZ look to make certain that waste generated by ancillary activities is reduced as much as possible. Where this is produced, it is managed in line with the waste hierarchy.

# 7 DECOMMISSIONING PLAN

## 7.1 Plant & Equipment Decommissioning

7.1.1 There are currently no identified long term non-productive or redundant items on site that require decommissioning or removal.

7.1.2 During the operational life of the facility, equipment may no longer be required or will reach the end of its useful life. Any such equipment will be deinstalled (as necessary) by suitably qualified personnel and disposed of appropriately. Where possible equipment will be repaired or reused.

## 7.2 Site Decommissioning

7.2.1 The actions detailed in Table 4 will be undertaken on cessation of waste processing activities prior to the surrender of the Environmental Permit:

**Table 4 - Actions to be taken to decommission the site**

| Item | Action |
|---|---|
| Waste materials | All waste materials will be removed from site. Any hazardous wastes (oils, batteries, WEEE etc.) will be suitably consigned. |
| Drains / Gullies | All drains will be checked to ensure that they are clear and free flowing. Any blockages will be removed. |

| Item | Action |
|---|---|
| Interceptors | Interceptors will be cleaned and all silt removed for suitable processing / disposal off site. |
| Plant and Equipment | All waste processing related plant and equipment will be removed. Any items suitable for repair or reuse will be identified as part of this process. Electricity supplies will be made safe. |
| Mobile Plant | All mobile plant will be removed from site. |
| Building | The site office will be cleared, including removal of any waste generated by site operatives. |
| Outside areas / perimeter fencing | Any wastes stored externally, as well as redundant equipment and storage containers will be removed from site. The impermeable surface will be swept with a mechanical sweeper and any debris along the site boundary cleared. |

7.2.2 An up-to-date site condition report will be included in support any application to surrender the Environmental Permit. This will contain a written description of the activities that have been undertaken along with photographs to show that the actions detailed in Table 4 have been completed to the necessary standard

# APPENDICES

## Appendix A – Permitted Waste Types

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# Newquay HWRC Permitted Waste Types

| WASTE CODE | DESCRIPTION |
|---|---|
| 13 | OIL WASTES AND WASTES OF LIQUID FUELS |
| 13 02 | Waste engine, gear and lubricating oils |
| 13 02 04* | Mineral-based chlorinated engine, gear and lubricating oils |
| 13 02 05* | Mineral-based non-chlorinated engine, gear and lubricating oils |
| 13 02 06* | Synthetic engine, gear and lubricating oils |
| 13 02 07* | Readily biodegradable engine, gear and lubricating oils |
| 13 02 08* | Other engine, gear and lubricating oils |
| 15 | WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED |
| 15 01 | Packaging (including separately collected municipal packaging waste) |
| 15 01 01 | Paper and cardboard packaging |
| 15 01 02 | Plastic packaging |
| 15 01 03 | Wooden packaging |
| 15 01 04 | Metallic packaging |
| 15 01 05 | Composite packaging |
| 15 01 06 | Mixed packaging |
| 15 01 07 | Glass packaging |
| 15 01 09 | Textile packaging |
| 15 01 10* | Packaging containing residues of or contaminated by dangerous substances |
| 15 01 11* | Metallic packaging containing a dangerous solid porous matrix (for example asbestos), including empty pressure containers |
| 15 02 | Absorbents, filter materials, wiping cloths and protective clothing |
| 15 02 02* | Absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances |
| 15 02 03 | Absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02 |
| 16 | WASTES NOT OTHERWISE SPECIFIED IN THE LIST |
| 16 01 | End-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14, 16 06 and 16 08) |
| 16 01 03 | End-of-life tyres |
| 16 01 07* | Oil filters |
| 16 01 13* | Brake fluid |
| 16 01 14* | Antifreeze fluids containing dangerous substances |
| 16 01 15 | Antifreeze fluids other than those mentioned in 16 01 14 |
| 16 02 | Waste from electrical and electronic equipment |
| 16 02 15* | Cable removed from discarded equipment only |
| 16 02 16 | Cable removed from discarded equipment only |
| 16 05 | Gases in pressure containers and discarded chemicals |
| 16 05 04* | Gases in pressure containers (including halons) containing dangerous substances |
| 16 05 05 | Gases in pressure containers other than those mentioned in 16 05 04 |

| WASTE CODE | DESCRIPTION |
|---|---|
| 16 06 | Batteries and accumulators |
| 16 06 01* | Lead batteries |
| 16 06 02* | Ni-Cd batteries |
| 16 06 03* | Mercury-containing batteries |
| 16 06 04 | Alkaline batteries (except 16 06 03 ) |
| 16 06 05 | Other batteries and accumulators |
| 17 | CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES) |
| 17 01 | Concrete, bricks, tiles and ceramics |
| 17 01 01 | Concrete |
| 17 01 02 | Bricks |
| 17 01 03 | Tiles and ceramics |
| 17 01 07 | Mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06 |
| 17 04 | Metal including their alloys |
| 17 04 10* | Cables containing hazardous substances other than oil or coal tar |
| 17 04 11 | Cables other than those mentioned in 17 04 10 |
| 17 06 | Insulation materials and asbestos-containing construction materials |
| 17 06 01* | Insulation materials containing asbestos |
| 17 06 04 | Insulation materials other than those mentioned in 17 06 01 and 17 06 03 |
| 17 06 05* | Construction materials containing asbestos |
| 17 08 | Gypsum-based construction material |
| 17 08 02 | Gypsum-based construction materials other than those mentioned in 17 08 01 |
| 17 09 | Other construction and demolition wastes |
| 17 09 04 | Mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03 |
| 20 | MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS |
| 20 01 | Separately collected fractions (except 15 01) |
| 20 01 01 | Paper and cardboard |
| 20 01 02 | Glass |
| 20 01 08 | Biodegradable kitchen and canteen waste |
| 20 01 10 | Clothes |
| 20 01 11 | Textiles |
| 20 01 13* | Solvents |
| 20 01 14* | Acids |
| 20 01 15* | Alkalines |
| 20 01 17* | Photochemicals |
| 20 01 19* | Pesticides |
| 20 01 21* | Fluorescent tubes and other mercury containing waste |
| 20 01 23* | Discarded equipment containing chlorofluorocarbons |
| 20 01 25 | Edible oil and fat |
| 20 01 26* | Oil and fat other than those mentioned in 20 01 25 |
| 20 01 27* | Paint, inks, adhesives and resins containing dangerous substances |
| 20 01 28 | Paint, ink, adhesives and resins other than those mentioned in 20 01 27 |

| WASTE CODE | DESCRIPTION |
|---|---|
| 20 01 29* | Detergents containing dangerous substances |
| 20 01 30 | Detergents other than those mentioned in 20 01 29 |
| 20 01 33* | Batteries and accumulators included in 16 06 01, 16 06 02 or 16 06 03 and unsorted batteries and accumulators containing these batteries |
| 20 01 34 | Batteries and accumulators other than those mentioned in 20 01 33 |
| 20 01 35* | Discarded electrical equipment and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components |
| 20 01 36 | Discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35 |
| 20 01 37* | Wood containing dangerous substances |
| 20 01 38 | Wood other than that mentioned in 20 01 37 |
| 20 01 39 | Plastics |
| 20 01 40 | Metals |
| 20 01 41 | Wastes from chimney sweeping |
| 20 01 99 | Waste coffee pods |
| 20 02 | Garden and park wastes (including cemetery waste) |
| 20 02 01 | Biodegradable waste |
| 20 02 02 | Soil and stones |
| 20 02 03 | Other non-biodegradable wastes |
| 20 03 | Other municipal wastes |
| 20 03 01 | Mixed municipal waste |
| 20 03 07 | Bulky waste |
| 20 03 99 | Mixed municipal wastes not otherwise specified |

## Appendix B – Waste Storage Details

# Newquay HWRC – Waste Storage Plan

## APPENDIX B – WASTE STORAGE DETAILS

| Waste Type | Form | Storage Detail | Location Within Site | Bay , Area Or Container Dimensions | Approx. Volume of Waste ($m^3$) | Maximum Storage Time on Site |
|---|---|---|---|---|---|---|
| Bulky plastics | Loose | 40yd RORO Skip | **Area 1-** Lower Level as shown on indicative site layout drawing | **RoRo Size:** 2.4m (W) x 6.2m (L) x 2.9m (H) | 30 $m^3$ | 1 Week |
| Cardboard | Loose | 2 x 40yd RORO Skip | **Area 2 and 11-** Lower Level as shown on indicative site layout drawing | **RoRo Size:** 2.4m (W) x 6.2m (L) x 2.9m (H) | 2 x 30 $m^3$ | 1 Week |
| Scrap Metal | Loose | 2 x 40yd RORO Skip | **Area 3** - Lower Level as shown on indicative site layout drawing | **RoRo Size:** 2.4m (W) x 6.2m (L) x 2.9m (H) | 30 $m^3$ | 1 Week |
| Green Waste | Loose | 2 x 40yd RORO Skip | **Area 4 and 9 -** Lower Level as shown on indicative site layout drawing | **RoRo Size:** 2.4m (W) x 6.2m (L) x 2.9m (H) | 2 x 30 $m^3$ | 1 Week |
| Bulky waste | Loose | 2 x 40yd RORO Skip | **Area 5** and 8 - Lower Level as shown on indicative site layout drawing | **RoRo Size:** 2.4m (W) x 6.2m (L) x 2.9m (H) | 30 $m^3$ | 1 Week |
| Residual/ black bag waste | Loose | 2 x 40yd RORO Skip | **Area 6 and 7-** Lower Level as shown on indicative site layout drawing | **RoRo Size:** 2.4m (W) x 6.2m (L) x 2.9m (H) | 2 x 30 $m^3$ | 1 Week |
| Wood | Loose | 40yd RORO Skip | **Area 10** - Lower Level as shown on indicative site layout drawing | **RoRo Size:** 2.4m (W) x 6.2m (L) x 2.9m (H) | 30 $m^3$ | 1 Week |
| Cooking Oil | Liquid | Bunded Tank | **Area 12** - Lower Level as shown on indicative site layout drawing | **Tank Size:** 1.3m (W) x 2.0m (L) x 1.2m (H) | 1.8 $m^3$ (1800 L) | 3 Months |
| Engine Oil | Liquid | Bunded Tank | **Area 13** - Lower Level as shown on indicative site layout drawing | **Tank Size:** 1.5m (W) x 2.4m (L) x 1.5m (H) | 2.5 $m^3$ (2500 L) | 1 Month |
| Gas bottles | Loose | Secure cage | **Area 14** - Upper Level as shown on indicative site layout drawing | **Cage Size:** 2.4m (W) x 5.3m (L) x 2.0m* (H) *1m assumed with no stacking | 10 $m^3$ | 2 Weeks |
| Fridges and Freezers | Loose | Secure Cage | **Area 15** - Upper Level as shown on indicative site layout drawing | **Cage Size:** 5.0m (W) x 5.8m (L) x 2.0m* (H) *2m assumed with no stacking | 40$m^3$ | 1 Month |
| Tyres | Loose | Area in secure cage | **Area 16** - Upper Level as shown on indicative site layout drawing | **Cage Size:** 1.8m (W) x 5.0m (L) x 2.0m (H) | 8$m^3$ | 1 Month |
| TVs/ monitors | Loose | Secure Container (10ft container) | **Area 17** - Upper Level as shown on indicative site layout drawing | **Container Size:** 2.4m (W) x 3.0m (L) x 2.6m (H) | 18$m^3$ | 1 Week |

| Waste Type | Form | Storage Detail | Location Within Site | Bay , Area Or Container Dimensions | Approx. Volume of Waste ($m^3$) | Maximum Storage Time on Site |
|---|---|---|---|---|---|---|
| Small WEEE | Loose | 40 yd RORO Skip | **Area 18** - Upper Level as shown on indicative site layout drawing | **RoRo Size:** 2.4m (W) x 6.2m (L) x 2.9m (H) | 30 $m^3$ | 3 Week |
| Asbestos | Containerised | Sealed Skip | **Area 19** - Upper Level as shown on indicative site layout drawing | **Sealed Skip:** 1.9m (W) x 3.8m (L) x 1.8m (H) | 13 $m^3$ | 1 Month |
| Plasterboard | Loose | 20yd RORO Skip | **Area 20** - Upper Level as shown on indicative site layout drawing | **RoRo Size:** 2.4m (W) x 6.1m (L) x 1.3m (H) | 19 $m^3$ | 1 Month |
| Rubble | Loose | 20 yd RORO Skip | **Area 21** - Upper Level as shown on indicative site layout drawing | **RoRo Size:** 2.4m (W) x 6.1m (L) x 1.3m (H) | 19 $m^3$ | 1 Week |
| Fluorescent Tubes/Bulbs | Loose | Specialised container | **Area 22** - Upper Level as shown on indicative site layout drawing | **Container Size:** 1.2m (W) x 2.5m (L) x 1.2m (H) | 3.6 $m^3$ | 3 Months |
| Coffee pods | Loose | 2 x 360 litre bin | **Area 23** - Upper Level as shown on indicative site layout drawing | **Container Size:** 0.6m(W) x 0.9m (L) x 1.1m (H) | 2x 0.36 $m^3$ | 1 month |
| Textiles | Bagged | Secure Container 2 x 1100 litre bin | **Area 24** - Lower Level as shown on indicative site layout drawing | **Container Size:** 1.0m (W) x 1.3m (L) x 1.4m (H) | 2x 1.1$m^3$ | 1 Month |
| Plastic packaging and cans | Loose | 25yd container | **Area 25** - Upper Level as shown on indicative site layout drawing | **Container Size:** 2.4m (W) x 6.0m (L) x 1.8m (H) | 19 $m^3$ | 2 Weeks |
| Glass | Loose | 25yd container | **Area 26** - Upper Level as shown on indicative site layout drawing | **Container Size:** 2.4m (W) x 6.0m (L) x 1.8m (H) | 19 $m^3$ | 2 Weeks |
| Paper | Loose | 25yd container | **Area 27** - Upper Level as shown on indicative site layout drawing | **Container Size:** 2.4m (W) x 6.0m (L) x 1.8m (H) | 19 $m^3$ | 2 Weeks |
| Cartons / Containers / Tetrapaks | Loose | Specialised container | **Area 28** - Upper Level as shown on indicative site layout drawing | **Container Size:** 2.0m (W) X 2.0m (L) X 1.8m (H) | 7 $m^3$ | 2 Weeks |
| Paint | Containerised | 2x Bunded Dolav Bin | **Area 29** - Upper Level as shown on indicative site layout drawing | 1m (W) x 1.2m (L) x 0.74m (H) | 2 x 0.6$m^3$ | 1 Month |
| Vehicle batteries | Loose | 2 x Bunded Dolav Bin | **Area 30** - Upper Level as shown on indicative site layout drawing | 1m (W) x 1.2m (L) x 0.74m (H) | 2 x 0.6$m^3$ | 3 Months |

| Waste Type | Form | Storage Detail | Location Within Site | Bay , Area Or Container Dimensions | Approx. Volume of Waste ($m^3$) | Maximum Storage Time on Site |
|---|---|---|---|---|---|---|
| Household Chemicals | Containerised | Secure Chemical Cabinet | **Area 31** - Upper Level as shown on indicative site layout drawing 31 | 1.7m (W) x 1.2m (L) x 1.8m (H) | 0.5$m^3$ (500L) | 3 Months |
| Household Batteries | Loose | 2x Battery Boxes | **Area 32** - Upper Level as shown on indicative site layout drawing 32 | 1.0m (W) x 1.2m (L) x 0.74m (H) | 2 x 0.6$m^3$ | 3 Months |