

Mannings Heath Transfer Station

Application for a variation of Environmental Permit

Non-Technical Summary

1. Introduction

This non-technical summary forms part of the application to vary the environmental permit (reference EPR/EB3708UG) for SUEZ UK Environment Ltd's Mannings Heath Transfer Station (the site). The site is currently permitted under Standard Rules SR2008 No.7 and will be varied to a bespoke waste operation permit for a hazardous waste transfer station.

2. The Site

The Site is located at Mannings Heath Road, Parkstone, Poole, Dorset. BH12 4NH; National Grid Reference (NGR) SZ 03906 94146. The site location and permit boundary are presented in site drawings (document reference 1.1).

The Site is located approximately 2.5km north of Parkstone and 5km northeast of the centre of Poole. The site is accessible via Mannings Heath Road, located to the east of the site. The area immediately surrounding the site is predominantly industrial in nature. The closest residential receptor is located approximately 200m southeast of the site boundary.

Canford Heath SAC is located approximately 800m north of the site, and Bourne Valley SSSI is located approximately 900m east northeast. There are no further designated habitats within 1km.

3. The Application

Mannings Heath Transfer Station currently operates as a transfer station for the storage and treatment of household, industrial and commercial wastes prior to recycling and/or recovery under Standard Rules SR2008 No.7 (EPR/EB3708UG) and an S2 exemption.

Due to upcoming regulatory changes and additional waste proposed to be accepted at the sites, SUEZ now propose to vary the permit to a bespoke waste operations permit. The permit will be varied to:

- Integrate operations currently undertaken under the S2 exemption,
- Accept separate streams of vapes and e-liquid at the site
- Add a number of hazardous and non-hazardous waste codes for waste streams collected from industrial and commercial (I&C) customers by SUEZ's adjacent depot.

Other than these variations, the site will continue to operate in line with Standard Rules SR2008 No.7, with manual treatment limited to sorting, separation and bulking and mechanical treatment limited to baling and compaction.

The S2 exemption registered at the site allows the storage of waste in areas of the site external to the main building, including batteries, WEEE, tyres, wood, UPVC, scrap metal, glass and cardboard. The appropriate EWC codes for non-hazardous batteries and WEEE, tyres, wood, UPVC, scrap metal, glass and cardboard are already included in the list of wastes acceptable at the site, however these are not included in the list of specified wastes that may be stored outside of a building. We further propose that bulky waste will be stored outside to allow manual sorting of wastes unsuitable for further treatment by incineration, allowing for improved recovery rates. The varied bespoke permit should therefore allow for the storage of these wastes outside of the transfer station building in accordance with the operating techniques documents to be submitted with this application.

To allow the acceptance of batteries, various stream of hazardous WEEE and e-liquid waste it is proposed the varied permit will include the addition of the following EWC codes, which are included in the current S2 exemption:

- WEEE
 - 16 02 11* discarded equipment containing chlorofluorocarbons, HCFC, HFC
 - 16 02 13* discarded equipment containing hazardous components other than those mentioned in 16 02 09 to 16 02 12
 - 20 01 21* fluorescent tubes and other mercury-containing waste
 - 20 01 23* discarded equipment containing chlorofluorocarbons
 - 20 01 35* discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous component
- Batteries
 - 16 06 01* lead batteries
 - 16 06 02* Ni-Cd batteries
 - 16 06 03* mercury-containing batteries
 - 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
- E-liquid bottles
 - 16 10 02 aqueous liquid wastes other than those mentioned in 16 10 01

Additionally, in order to support SUEZ's adjacent I&C depot, the permit will also be varied to allow the acceptance of a number of additional non-hazardous and hazardous waste codes. The depot accepts varied single-stream waste from I&C customers, with sources including but not limited to garages, marinas, workshops, and dental practices. Wastes may be in solid or liquid form and in all cases will be received in appropriate containers as necessary. Chemical waste will be managed in accordance with *Chemical waste: appropriate measures for permitted facilities*.

The full list of EWC codes proposed to be added to the environmental permit is provided in Appendix 1.

4. Supporting Documents

The information provided within this application is in accordance with advice from the Environment Agency as part of the enhanced pre-application process, reference EPR/EB3708UG/P001. The enhanced pre-application advice is included within this application.

The application provides the following documents:

- EP1 Cover Letter, providing key details of the application;
- EP2 Contents Page, providing an overview of the application content;
- EP3 Non-Technical Summary, providing a summary of the variation application;
- EP4 Application Forms, including forms A, C2, C4 and F1;
- EP5 Operator Information, providing the details requested in the application forms
- EP6 Pre-Application Information, providing details of the enhanced pre-application advice received;
- EP7 Management Plans, providing the operating techniques, environmental management plans and risk assessments demonstrating the site will operate in accordance with the relevant appropriate measures; and
- EP8 Letter of Authority, providing names of those authorised to sign on SUEZ's behalf.

A summary of the overall environmental risk from the site and appropriate required Management Plans are summarised below.

Hazard	Overall Risk	Detailed Management Plan Required?
Odour	Low	No - not requested by the EA during pre-application discussions.
Noise	Low	No - not requested by the EA during pre-application discussions.
Pests	Low	No - not requested by the EA during pre-application discussions.
Dust	Low	No - not requested by the EA during pre-application discussions.
Mud/Litter	Low	No - not requested by the EA during pre-application discussions.
Fire	Low	Yes - requested by the EA during pre-application discussions.

The site will continue to operate in accordance with the SUEZ accredited environmental management system, this will ensure that adequate management systems will be used at the site including procedures for monitoring, accident prevention and control of emissions.

APPENDIX 1

List of EWC codes in addition to those included in SR2008 No.7 for inclusion in Environmental Permit EPR/EB3708UG Mannings Heath Transfer Station

List of Additional EWC codes for EPR/EB3708UG	
EWC Code	Description
8	WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS
08 01	wastes from MFSU and removal of paint and varnish
08 01 11*	waste paint and varnish containing organic solvents or other hazardous substances
08 01 12	waste paint and varnish other than those mentioned in 08 01 11
08 03	wastes from the manufacture, formulation, supply and use (MFSU) of printing inks
08 03 12*	waste ink containing hazardous substances
08 03 13	waste ink other than those mentioned in 08 03 12
08 04	wastes from the manufacture, formulation, supply and use (MFSU) of adhesives and sealants (including waterproofing products)
08 04 09*	waste adhesives and sealants containing organic solvents or other hazardous substances
08 04 10	waste adhesives and sealants other than those mentioned in 08 04 09
12	WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS
12 01	Wastes from shaping and physical and mechanical surface treatment of metals and plastics
12 01 10*	synthetic machining oils
12 01 16*	waste blasting material containing hazardous substances
12 01 17	waste blasting material other than those mentioned in 12 01 16
13	OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)
13 02	waste engine, gear and lubricating oils
13 02 05*	mineral-based non-chlorinated engine, gear and lubricating oils
13 05	oil/water separator contents
13 05 07*	oily water from oil/water separators
13 07	wastes of liquid fuels
13 07 02*	Petrol
13 07 03*	other fuels (including mixtures)
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 10*	packaging containing residues of or contaminated by hazardous substances
15 02	Absorbents, filter materials, wiping cloths and protective clothing

List of Additional EWC codes for EPR/EB3708UG

EWC Code	Description
15 02 02*	absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by hazardous substances
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 07*	oil filters
16 01 13*	brake fluids
16 01 14*	antifreeze fluids containing hazardous substances
16 01 15	antifreeze fluids other than those mentioned in 16 01 14
16 02	Wastes from electrical and electronic equipment
16 02 11*	discarded equipment containing chlorofluorocarbons, HCFC, HFC
16 02 13*	discarded equipment containing hazardous components other than those mentioned in 16 02 09 to 16 02 12
16 05	gases in pressure containers and discarded chemicals
16 05 04*	gases in pressure containers (including halons) containing hazardous substances
16 05 05	gases in pressure containers other than those mentioned in 16 05 04
16 05 07*	discarded inorganic chemicals consisting of or containing hazardous substances
16 05 09	discarded chemicals other than those mentioned in 16 05 06, 16 05 07 or 16 05 08
16 06	Batteries and accumulators
16 06 01*	lead batteries
16 06 02*	Ni-Cd batteries
16 06 03*	mercury-containing batteries
16 07	wastes from transport tank, storage tank and barrel cleaning (except 05 and 13)
16 07 08	wastes containing oil
16 10	aqueous liquid wastes destined for off-site treatment
16 10 02	aqueous liquid wastes other than those mentioned in 16 10 01
19	WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (EXCEPT KITCHEN AND RESTAURANT WASTES NOT ARISING FROM IMMEDIATE HEALTH CARE)
18 01	wastes from natal care, diagnosis, treatment or prevention of disease in humans
18 01 04	Waste that as wastes whose collection and disposal is not subject to special requirements in order to prevent infection(for example dressings, plaster casts, linen, disposable clothing, diapers)
20	MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS
20 01	Separately collected fractions (except 15 01)

List of Additional EWC codes for EPR/EB3708UG

EWC Code	Description
20 01 21*	fluorescent tubes and other mercury-containing waste
20 01 23*	discarded equipment containing chlorofluorocarbons
20 01 27*	paint, inks, adhesives and resins containing hazardous substances
20 01 28	paint, inks, adhesives and resins other than those mentioned in 20 01 27
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 35*	discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous component