

Permit with introductory note

The Environmental Permitting (England & Wales) Regulations 2010

New Earth Solutions (Canford) Limited

Canford MBT Facility Site Control Centre Magna Road Wimbourne Dorset BH21 3AP

Permit number EPR/FP3393SB

Canford MBT Facility Permit number EPR/FP3393SB

Introductory note

This introductory note does not form a part of the permit

The main features of the permit are as follows.

The variation increases the annual throughput of waste and consolidates the existing licence and its modifications into a modern permit. The permitted activity operates a mechanical biological waste treatment facility which includes physical treatment, heat treatment and biological treatment (aerobic composting and bio drying).

The status log of the permit sets out the permitting history, including any changes to the permit reference number.

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Status log of the permit		
Description	Date	Comments
Application EAWML/23707	Duly made 01/08/2002	Application for waste recycling and treatment centre
Permit determined	29/04/2003	Waste Management Licence issued to W.H. White plc, EAWML/23707
Noticed of modification issued	05/12/2003	Condition requiring financial provision to be made and maintained deleted
Noticed of modification issued	29/06/2007	Various conditions of the waste management licence modified
Application for transfer EPR/FP3393SB/T001	20/11/2009	Full transfer of permit EAWML 23707
Transfer determined EPR/FP3393SB/T001	04/01/2010	Permit transferred to New Earth Solutions (Canford) Limited
Variation application EPR/FP3393SB/V002	29/03/2010	Confirmation of site boundary.
Variation issued	28/05/2010	Amended site plan
Variation application EPR/FP3393SB/V003	02/04/2012	Increase permitted waste quantity from 75,000 to 100,000 tonnes per annum and consolidate permit
Variation issued	28/06/2012	

End of introductory note

Permit

The Environmental Permitting (England and Wales) Regulations 2010

Permit number EPR/FP3393SB

The Environment Agency hereby authorises, under regulation 13 of the Environmental Permitting (England and Wales) Regulations 2010

New Earth Solutions (Canford) Limited ("the operator"), whose registered office is.

35 Black Moor Road Ebblake Industrial Estate Verwood Dorset BH31 6AT

company registration number **06249283** to operate waste operations

Canford MBT Facility Site Control Centre Magna Road Wimborne Dorset BH21 3AP

to the extent authorised by and subject to the conditions of this permit.

Date
28/06/2012

Authorised on behalf of the Environment Agency

Conditions

1 Management

1.1 General management

- 1.1.1 The operator shall manage and operate the activities:
 - (a) in accordance with a written management system that identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents, non-conformances, closures and those drawn to the attention of the operator as a result of complaints; and
 - (b) using sufficient competent persons and resources.
- 1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.
- 1.1.3 Any person having duties that are or may be affected by the matters set out in this permit shall have convenient access to a copy of it kept at or near the place where those duties are carried out.
- 1.1.4 The operator shall comply with the requirements of an approved competence scheme

1.2 Avoidance, recovery and disposal of wastes produced by the activities

- 1.2.1 The operator shall take appropriate measures to ensure that:
 - (a) the waste hierarchy referred to in Article 4 of the Waste Framework Directive is applied to the generation of waste by the activities; and
 - (b) any waste generated by the activities is treated in accordance with the waste hierarchy referred to in Article 4 of the Waste Framework Directive; and
 - (c) where disposal is necessary, this is undertaken in a manner which minimises its impact on the environment.
- 1.2.2 The operator shall review and record at least every four years whether changes to those measures should be made and take any further appropriate measures identified by a review.

2 Operations

2.1 Permitted activities

2.1.1 The operator is only authorised to carry out the activities specified in schedule 1 table S1.1 (the "activities").

2.2 The site

2.2.1 The activities shall not extend beyond the site, being the land shown edged in green on the site plan at schedule 7 to this permit.

2.3 Operating techniques

- 2.3.1 (a) The activities shall, subject to the conditions of this permit, be operated using the techniques and in the manner described in the documentation specified in schedule 1, table S1.2, unless otherwise agreed in writing by the Environment Agency.
 - (b) If notified by the Environment Agency that the activities are giving rise to pollution, the operator shall submit to the Environment Agency for approval within the period specified, a revision of any plan specified in schedule 1, table S1.2 or otherwise required under this permit, and shall implement the approved revised plan in place of the original from the date of approval, unless otherwise agreed in writing by the Environment Agency.
- 2.3.2 Waste shall only be accepted if:
 - (a) it is of a type and quantity listed in schedule 2 table S2.2.
 - (b) it conforms to the description in the documentation supplied by the producer and holder.

3 Emissions and monitoring

3.1 Emissions to water, air or land

3.1.1 There shall be no point source emissions to water, air or land .

3.2 Odour

- 3.2.1 Emissions from the activities shall be free from odour at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved odour management plan, to prevent or where that is not practicable to minimise the odour.
- 3.2.2 The operator shall:
 - if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to odour, submit to the Environment Agency for approval within the period specified, an odour management plan;

(b) implement the approved odour management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.3 Noise and vibration

- 3.3.1 Emissions from the activities shall be free from noise and vibration at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved noise and vibration management plan to prevent or where that is not practicable to minimise the noise and vibration.
- 3.3.2 The operator shall:
 - (a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to noise and vibration, submit to the Environment Agency for approval within the period specified, a noise and vibration management plan;
 - (b) implement the approved noise and vibration management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.4 Monitoring

- 3.4.1 The operator shall, unless otherwise agreed in writing by the Environment Agency, undertake the monitoring specified in the following tables in schedule 3 to this permit:
 - (a) bioaerosol monitoring specified in table S3.6;
 - (b) process monitoring specified in table S3.7;
- 3.4.2 The operator shall maintain records of all monitoring required by this permit including records of the taking and analysis of samples, instrument measurements (periodic and continual), calibrations, examinations, tests and surveys and any assessment or evaluation made on the basis of such data.
- 3.4.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.4.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate), where available, unless otherwise agreed in writing by the Environment Agency.

4 Information

4.1 Records

- 4.1.1 All records required to be made by this permit shall:
 - (a) be legible;
 - (b) be made as soon as reasonably practicable;
 - if amended, be amended in such a way that the original and any subsequent amendments remain legible, or are capable of retrieval; and

- (d) be retained, unless otherwise agreed in writing by the Environment Agency, for at least 6 years from the date when the records were made, or in the case of the following records until permit surrender:
 - (i) off-site environmental effects; and
 - (ii) matters which affect the condition of the land and groundwater.
- 4.1.2 The operator shall keep on site all records, plans and the management system required to be maintained by this permit, unless otherwise agreed in writing by the Environment Agency.

4.2 Reporting

- 4.2.1 The operator shall send all reports and notifications required by the permit to the Environment Agency using the contact details supplied in writing by the Environment Agency.
- 4.2.2 Within one month of the end of each quarter, the operator shall submit to the Environment Agency using the form made available for the purpose, the information specified on the form relating to the site and the waste accepted and removed from it during the previous quarter.
- 4.2.3 Within 28 days of the end of the reporting period the operator shall, unless otherwise agreed in writing by the Environment Agency, submit reports of the monitoring and assessment carried out in accordance with the conditions of this permit, as follows:
 - in respect of the parameters and emission points specified in schedule 4 table\$4.1;
 - (b) for the reporting periods specified in schedule 4 table S4.1 and using the forms specified in schedule 4 table S4.3; and
 - (c) giving the information from such results and assessments as may be required by the forms specified in those tables.
- 4.2.4 The operator shall submit to the Environment Agency a report of the efficiency of the biofilter. This shall include but not be limited to, the assessment of the efficiency to reduce odours, the summary of maintenance and any recommissioning planned or conducted, assessment of back pressure, venting and cracking. The operator shall submit the report within one month of the end of each year, unless otherwise agreed in writing by the Environment Agency.

4.3 Notifications

- 4.3.1 The Environment Agency shall be notified without delay following the detection of:
 - any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution;
 - (b) the breach of a limit specified in the permit; or
 - (c) any significant adverse environmental effects.

- 4.3.2 Any information provided under condition 4.3.1 shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.
- 4.3.3 Where the Environment Agency has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform the Environment Agency when the relevant monitoring and/or spot sampling is to take place. The operator shall provide this information to the Environment Agency at least 14 days before the date the monitoring is to be undertaken.
- 4.3.4 The Environment Agency shall be notified within 14 days of the occurrence of the following matters, except where such disclosure is prohibited by Stock Exchange rules:

Where the operator is a registered company:

- (a) any change in the operator's trading name, registered name or registered office address; and
- (b) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.

Where the operator is a corporate body other than a registered company:

- (a) any change in the operator's name or address; and
- (b) any steps taken with a view to the dissolution of the operator.

In any other case:

- the death of any of the named operators (where the operator consists of more than one named individual);
- (b) any change in the operator's name(s) or address(es); and
- (c) any steps taken with a view to the operator, or any one of them, going into bankruptcy, entering into a composition or arrangement with creditors, or, in the case of them being in a partnership, dissolving the partnership.
- 4.3.5 Where the operator proposes to make a change in the nature or functioning, or an extension of the activities, which may have consequences for the environment and the change is not otherwise the subject of an application for approval under the Regulations or this permit:
 - the Environment Agency shall be notified at least 14 days before making the change; and
 - (b) the notification shall contain a description of the proposed change in operation.

4.4 Interpretation

- 4.4.1 In this permit the expressions listed in schedule 6 shall have the meaning given in that schedule.
- 4.4.2 In this permit references to reports and notifications mean written reports and notifications, except where reference is made to notification being made "without delay", in which case it may be provided by telephone.

Schedule 1 - Operations

Table S1.1 Activities	
Description of activities for waste operations	Limits of activities
R3 Recycling/reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes)	
R4 Recycling/reclamation of metals and metal compounds	1 - Biological treatment consisting of aerobic composting or bio-drying for the
R5 Recycling/reclamation of other inorganic materials 2	purpose of recovery
R13 Storage of wastes pending any of the operations numbered R01 to R12 (excluding temporary storage pending collection on the site where it is produced).	2 – Heat treatment of waste for the
D8 Biological treatment not specified elsewhere which results in final compounds or mixtures which are disposed of by any of the operations numbered D01 to D12	purpose of recovery
D9 Physico-chemical treatment not specified elsewhere which results in final compounds or mixtures which are disposed of by any of the operations numbered D01 to D12	3 – Physical treatment including screening crushing, baling, shredding and pelletising for the purpose of recovery.
D13 Blending or mixing prior to submission to any of the operations numbered D01 to D1	- recovery.
D15 Storage pending any of the operations numbered D01 to D14 (excluding temporary storage pending collection on the site where it is produced).	

Table S1.2 Operating techniques		
Description	Parts	Date Received
Application	How to comply with your environmental permit (EPR 1.00)	02/04/2012
Additional information	Operating Techniques V4	25/06/2012

Schedule 2 - Waste types, raw materials and fuels

	Waste types and quantities
Maximum	Quantities
The total of	uantity of waste accepted at the site shall be less than 100,000 tonnes a year.
Exclusion	
Wastes ha	ving any of the following characteristics shall not be accepted:
• C	onsisting solely or mainly of dusts, powders or loose fibres
• H	azardous wastes
01	WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS
01 05	drilling muds and other drilling wastes
01 05 04	freshwater drilling muds and wastes
02	WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING
02 01	wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing
02 01 01	sludges from washing and cleaning
02 01 02	animal-tissue waste
02 01 03	plant-tissue waste
02 01 06	animal faeces, urine and manure (including spoiled straw), effluent, collected separately and treated off-site
02 01 07	wastes from forestry
02 02	wastes from the preparation and processing of meat, fish and other foods of animal origin
02 02 01	sludges from washing and cleaning
02 02 02	animal-tissue waste
02 02 03	materials unsuitable for consumption or processing
02 02 04	sludges from on-site effluent treatment
02 03	wastes from fruit, vegetables, cereals, edible oils, cocoa, coffee, tea and tobacco preparation and processing; conserve production; yeast and yeast extract production molasses preparation and fermentation
02 03 01	sludges from washing, cleaning, peeling, centrifuging and separation
02 03 04	materials unsuitable for consumption or processing
02 03 05	sludges from on-site effluent treatment
02 04	wastes from sugar processing
02 04 01	soil from cleaning and washing beet
02 04 03	sludges from on-site effluent treatment
02 05	wastes from the dairy products industry
02 05 01	materials unsuitable for consumption or processing
02 05 02	sludges from on-site effluent treatment
02 06	wastes from the baking and confectionery industry
02 06 01	materials unsuitable for consumption or processing
02 06 03	sludges from on-site effluent treatment
02 07	wastes from the production of alcoholic and non-alcoholic beverages (except coffee, tea and cocoa)
02 07 01	wastes from washing, cleaning and mechanical reduction of raw materials
02 07 02	wastes from spirits distillation
02 07 05	sludges from on-site effluent treatment

03	WASTES FROM WOOD PROCESSING AND THE PRODUCTION OF PANELS AND FURNITURE, PULP, PAPER AND CARDBOARD
03 01	wastes from wood processing and the production of panels and furniture
03 01 01	waste bark and cork
03 01 05	sawdust, shavings, cuttings, wood, particle board and veneer other than those mentioned in 03 01 04
03 03	wastes from pulp, paper and cardboard production and processing
03 03 01	waste bark and wood
03 03 07	mechanically separated rejects from pulping of waste paper and cardboard
03 03 08	wastes from sorting of paper and cardboard destined for recycling
03 03 10	fibre rejects, fibre-, filler- and coating-sludges from mechanical separation
03 03 11	sludges from on-site effluent treatment other than those mentioned in 03 03 10
04	WASTES FROM THE LEATHER, FUR AND TEXTILE INDUSTRIES
04 02	wastes from the textile industry
04 02 09	wastes from composite materials (impregnated textile, elastomer, plastomer)
04 02 10	organic matter from natural products (for example grease, wax)
04 02 15	wastes from finishing other than those mentioned in 04 02 14
04 02 17	dyestuffs and pigments other than those mentioned in 04 02 16
04 02 20	sludges from on-site effluent treatment other than those mentioned in 04 02 19
04 02 21	wastes from unprocessed textile fibres
04 02 22	wastes from processed textile fibres
07	WASTES FROM ORGANIC CHEMICAL PROCESSES
07 01	wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals
07 01 12	sludges from on-site effluent treatment other than those mentioned in 07 01 11
07 02	wastes from the MFSU of plastics, synthetic rubber and man-made fibres
07 02 12	sludges from on-site effluent treatment other than those mentioned in 07 02 11
07 02 12	wastes from the MFSU of organic dyes and pigments (except 06 11)
07 03 12	sludges from on-site effluent treatment other than those mentioned in 07 03 11
DESCRIPTION OF THE PERSON OF T	wastes from the MFSU of organic plant protection products (except 02 01 08 and 02 01
07 04	09), wood preserving agents (except 03 02) and other biocides
07 04 12	sludges from on-site effluent treatment other than those mentioned in 07 04 11
07 06	wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics
07 06 12	sludges from on-site effluent treatment other than those mentioned in 07 06 11
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 03	wooden packaging
15 01 09	textile packaging
16	WASTES NOT OTHERWISE SPECIFIED IN THE LIST
16 03	off-specification batches and unused products
16 03 06	organic wastes other than those mentioned in 16 03 05
17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
17 02	wood, glass and plastic
17 02 01	wood
18	WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (except kitchen and restaurant wastes not arising from immediate health care)
18 02	wastes from research, diagnosis, treatment or prevention of disease involving animals
18 02 03	wastes whose collection and disposal is not subject to special requirements in order to prevent infection
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19	WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE
19 05	wastes from aerobic treatment of solid wastes
19 05 01	non-composted fraction of municipal and similar wastes
19 05 02	non-composted fraction of animal and vegetable waste
19 05 03	off-specification compost
19 06	wastes from anaerobic treatment of waste
19 06 04	digestate from anaerobic treatment of municipal waste
19 06 06	digestate from anaerobic treatment of animal and vegetable waste
19 08	wastes from waste water treatment plants not otherwise specified
19 08 12	sludges from biological treatment of industrial waste water other than those mentioned in 19 08 11
19 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 01	paper and cardboard
19 12 07	wood other than that mentioned in 19 12 06
19 12 12	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11
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 08	biodegradable kitchen and canteen waste
20 01 10	clothes
20 01 11	textiles
20 01 25	edible oil and fat
20 01 38	wood other than that mentioned in 20 01 37
20 02	garden and park wastes (including cemetery waste)
20 02 01	biodegradable waste
20 02 02	soil and stones
20 03	other municipal wastes
20 03 01	mixed municipal waste
20 03 02	waste from markets
20 03 03	street-cleaning residues
20 03 04	septic tank sludge

Schedule 3 – Emissions and monitoring

Location or description of point of measurement	Parameter	Bioaerosol threshold limits CFU m ⁻³)	Monitoring frequency	Monitoring standard or method	Other specifications
At a minimum of three separate locations, as described in the Industry Standard	Gram- negative bacteria	300	6 monthly	with the Industry Standard Protocol, and, for gram- negative bacteria, together with the Environment Agency's "Guidance on the evaluation of	including all the additional
Protocol	Total bacteria	1000	6		
	Aspergillus Fumigatus	500	- 2	bioaerosol risk assessments for composting facilities"	

Monitoring point	Substance or parameter	Monitoring frequency	Monitoring method	Other specifications	
Internal for each windrow and for any sample of waste or compost	Temperature	As required	Thermocouple probe	Monitoring equipment shall be available on-site and used as required to ensure compliance with this permit.	
	Moisture	As required	Moisture meter or moisture touch test		
Biofilter	Temperature, moisture and thatching/com paction	As required	Thermocouple probe and moisture meter or touch test	Biofilters should be checked and maintained to ensure appropriate temperature and moisture content on a daily basis	

Schedule 4 – Reporting

Parameters, for which reports shall be made, in accordance with conditions of this permit, are listed below.

Parameter	Emission or monitoring point/reference	Reporting period	Period begins
Bioaerosol monitoring as required by condition 3.4.1	Every 6 months or as agreed in writing by the Environment Agency	1 April, 1 October,	

Table S4.3 Reporting forms		
Media/parameter	Reporting format	Date of form
Bioaerosol monitoring	As specified in the Industry Standard Protocol or other form as agreed in writing by the Environment Agency	

Schedule 5 - Notification

Part A

These pages outline the information that the operator must provide.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the EP Regulations.

Permit Number	
Name of operator	
Location of Facility	
Time and date of the detection	
(a) Notification requirements for a	any malfunction, breakdown or failure of equipment or techniques,
accident, or emission of a substa	nce not controlled by an emission limit which has caused, is
causing or may cause significant	pollution
To b	e notified within 24 hours of detection
Date and time of the event	v
Reference or description of the	5 <u> </u>
location of the event	
Description of where any release	
into the environment took place	
Substances(s) potentially	
released	
Best estimate of the quantity or	A
rate of release of substances	
Measures taken, or intended to	
be taken, to stop any emission	
Description of the failure or	
accident.	
(b) Notification requirements for t	the breach of a limit
To be notified within 2	24 hours of detection unless otherwise specified below
Emission point reference/ source	
Parameter(s)	
Limit	
Measured value and uncertainty	*
Date and time of monitoring	
Measures taken, or intended to	
be taken, to stop the emission	

Time periods for notification following detection of a breach of a limit Parameter			Notification period	
arameter		2		
	TOTAL KINES	11		
	The second second			
		2.8		
(c) Notification requirements for t	he detection of any s	ignificant adverse	environmental effect	
	e notified within 24 ho			
Description of where the effect on				
the environment was detected				
Substances(s) detected				
Concentrations of substances				
detected		e s		
Date of monitoring/sampling		al or		
0 0				
Part B - to be submitted	d as soon as p	racticable		
Any more accurate information on t				
notification under Part A.			*	
Measures taken, or intended to be	taken, to			
prevent a recurrence of the incident				
Measures taken, or intended to be taken, to rectify,				
limit or prevent any pollution of the environment				
which has been or may be caused				
	ssions from the			
The dates of any unauthorised emis	3010110 11 0111 1110			
		4 / Y		
The dates of any unauthorised emis				

Signature Date

^{*} authorised to sign on behalf of the operator

Schedule 6 - Interpretation

"accident" means an accident that may result in pollution.

"Annex I" means Annex I to Directive 2008/98/EC of the European Parliament and of the Council of on waste.

"Annex II" means Annex II to Directive 2008/98/EC of the European Parliament and of the Council of on waste

"application" means the application for this permit, together with any additional information supplied by the operator as part of the application and any response to a notice served under Schedule 5 to the EP Regulations.

"authorised officer" means any person authorised by the Environment Agency under section 108(1) of The Environment Act 1995 to exercise, in accordance with the terms of any such authorisation, any power specified in section 108(4) of that Act.

"bioaerosol threshold limits" means the maximum acceptable bioaerosol concentrations at the nearest sensitive receptor, or at an equivalent distance downwind of the composting operations, which are attributable to the composting operations. The maximum acceptable concentrations are respectively 300, 1000 and 500 CFU m-3 for gram-negative bacteria, total bacteria and Aspergillus fumigatus,

"building" means a construction that has the objective of providing sheltering cover and minimising emissions of noise, particulate matter, odour and litter.

"compost" means solid particulate material that is the result of composting, which has been sanitised and stabilised, and which confers beneficial effects when added to soil, used as a component of growing media or used in another way in conjunction with plants.

"composting" means the biological decomposition of organic materials, under conditions that are predominantly aerobic and that allow the development of thermophilic temperatures as a result of biologically produced heat.

"D" means a disposal operation provided for in Annex I to Directive 2008/98/EC of the European Parliament and of the Council on waste.

"emissions to land" includes emissions to groundwater.

"EP Regulations" means The Environmental Permitting (England and Wales) Regulations SI 2010 No.675 and words and expressions used in this permit which are also used in the Regulations have the same meanings as in those Regulations.

"emissions of substances not controlled by emission limits" means emissions of substances to air, water or land from the activities, either from the emission points specified in schedule 3 or from other localised or diffuse sources, which are not controlled by an emission or background concentration limit.

"groundwater" means all water, which is below the surface of the ground in the saturation zone and in direct contact with the ground or subsoil.

"groundwater protection zones 1 and 2" have the meaning given in the document titled "Groundwater Protection: Policy and Practice" published by the Environment Agency in 2006.

"hazardous waste" has the meaning given in the Hazardous Waste (England and Wales) Regulations 2005 No.894, the Hazardous Waste (Wales) Regulations 2005 No. 1806 (W.138), the List of Wastes (England) Regulations 2005 No.895 and the List of Wastes (Wales) Regulations 2005 No. 1820 (W.148).

"Industry Standard Protocol" means "A standardised protocol for the monitoring of bioaerosols at open composting facilities" published by the Association for Organics Recycling and developed in conjunction with the Environment Agency

"maturation" means a stage when by agitating and turning the compost it no longer results in reheating and the monitored temperature falls to ambient without the compost being too dry or anaerobic. Phytotoxins that are formed during the 'active' composting phase are metabolised by micro-organisms, which will result in the final material not being harmful to plants. This usually coincides with drop in pH toward neutral, and the conversion of ammonia into nitrates and recolonisation of beneficial micro-organisms. The maturation phase may need active management by turning to prevent the material becoming anaerobic.

"MCERTS" means the Environment Agency's Monitoring Certification Scheme.

"nearest sensitive receptors" means the nearest place to the composting operations where people are likely to be for prolonged or frequent periods. This term would therefore apply to dwellings (including any associated gardens) and to workplaces where workers would frequently be present. It does not apply to the operators of composting facilities or their staff while carrying out the composting operation as their health is covered by Health and Safety legislation.

"ozone-depleting substances" "ODS" means "controlled substances" contained in refrigeration, airconditioning and heat pump equipment, equipment containing solvents, fire protection systems and fire extinguishers.

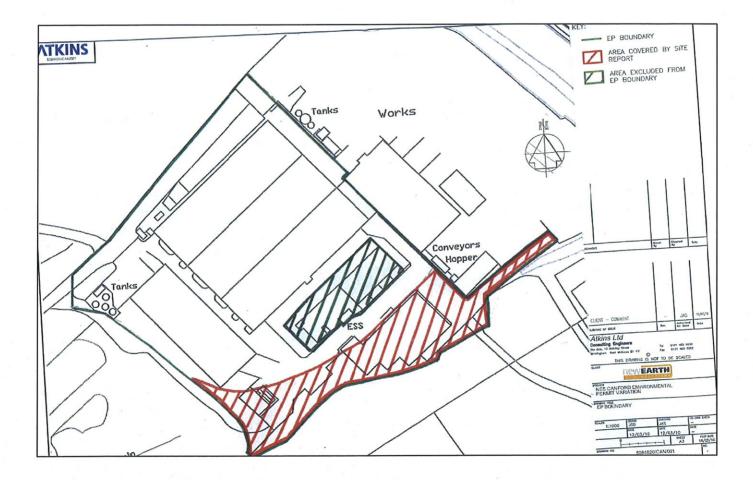
"R" means a recovery operation provided for in Annex II to Directive 2008/98/EC of the European Parliament and of the Council on waste.

"Waste code" means the six digit code referable to a type of waste in accordance with the List of Wastes (England)Regulations 2005, or List of Wastes (Wales) Regulations 2005, as appropriate, and in relation to hazardous waste, includes the asterisk.

"Waste Framework Directive" or "WFD" means Waste Framework Directive 2008/98/EC of the European Parliament and of the Council on waste.

"year" means calendar year ending 31 December.

Schedule 7 - Site plan



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END OF PERMIT



Notice of variation with introductory note

Environmental Permitting (England & Wales) Regulations 2010

New Earth Solutions (Canford) Limited

Canford MBT Facility Arena Way Magna Road Wimborne Dorset BH21 3AP

Variation application number EPR/FP3393SB/V004

Permit number EPR/FP3393SB

Canford MBT Facility Permit number EPR/FP3393SB

Introductory note

This introductory note does not form a part of the notice

The following notice gives notice of the variation of an environmental permit.

The variation has been issued to remove activities D8, D9, D13 and D15 from table S1.1 in the permit. The codes were included for historical reasons and are no longer required as disposal activities are not carried out at the site.

The schedules specify the changes made to the original permit.

The status log of a permit sets out the permitting history, including any changes to the permit reference number.

Status log of the permit		
Description	Date	Comments
Application EAWML	Duly made	Application for waste recycling and
23707	01/08/2002	treatment centre
Permit determined	29/04/2003	Waste Management Licence
		issued to W.H White plc,
		EAWML/23707
Notice of modification	05/12/2003	Condition requiring financial
issued		provision to be made and
		maintained deleted
Application for transfer	20/11/2009	Full transfer of permit EAWML
EPR/FP3393SB/T001		23707
Transfer	04/01/2010	Permit transferred to New Earth
determinedEPR/FP3393S		Solutions (Canford) Limited
B/V002		
Variation application	29/03/2010	Confirmation of site boundary.
EPR/FP3393SB/V002		
Variation issued	28/05/2010	Amended site plan
Variation application	02/04/2012	Increase permitted waste quantity
EPR/FP3393SB/V003		from 75,000 to 100,000 tonnes per
		annum and consolidate permit
Variation issued	28/06/2012	
Admin variation	26/11/2012	Activities D8, D9, D13 and D15
application		removed from table S1.1 in the
EPR/FP3393SB/V004		permit
Variation issued	14/12/2012	Variation issued

End of introductory note

Notice of variation

Environmental Permitting (England and Wales) Regulations 2010

The Environment Agency in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2010 varies

Permit number

EPR/FP3393SB

issued to:

New Earth Solutions (Canford) Limited ("the operator")

whose registered office is

35 Black Moor Road Ebblake Industrial Estate Verwood Dorset BH31 6AT

company registration number 06249283

to operate a regulated facility at

Canford MBT Facility Arena Way Magna Road Wimborne Dorset BH21 3AP

Nama

to the extent set out in the schedules.

The notice shall take effect from 14/12/2012

Name	Date
Keith Landers	14/12/2012

Data

Authorised on behalf of the Environment Agency

Schedule 1 - conditions to be deleted

The following conditions are deleted as a result of the application made by the operator:

Table 1.1 Specified Waste Management Operations

D8 – Biological treatment not specified elsewhere in which results in final compounds or mixtures which are disposed of by any of the operations numbered in D01 to D12

D9 – Physico-chemical treatment not specified elsewhere which results in final compounds or mixtures which are disposed of by any of the operations numbered D01 to D12

D13 – Blending or mixing prior to submission to any of the operations numbered D01 to D12

D15 – Storage pending any of the operations numbered D01 to D14 (excluding temporary storage pending collection on the site where it is produced)

Schedule 2 - conditions to be amended

None

Schedule 3 - conditions to be added

None



1

Notice of variation with introductory note

The Environmental Permitting (England & Wales) Regulations 2010

New Earth Solutions (Canford) Limited

Canford MBT Facility
Arena Way
Magna Road
Wimborne
Dorset
BH21 3AP

Variation application number

EPR/FP3393SB/V005

Permit number

EPR/FP3393SB

Canford MBT Facility Permit number EPR/FP3393SB

Introductory note

This introductory note does not form a part of the notice

The following notice gives notice of the variation of an environmental permit.

The variation is to increase the permitted waste quantity from 100,000 tonnes per year to 125,000 tonnes per year. An improvement condition has been included in this variation notice to ensure that the waste quantity is increased in a progressive manner to match with the level of infrastructure at the site.

The schedules specify the changes made to the original permit.

The status log of a permit sets out the permitting history, including any changes to the permit reference number.

Status log of the permit			
Description	Date	Comments	
Permit determined EAWML 23707	29/04/2003	Waste Management Licence issued to W.H White plc	
Notice of modification issued	05/12/2003	Condition requiring financial provision to be made and maintained deleted	
Notice of modification issued	29/06/2007	Various conditions of the Waste Management Licence modified	
Transfer determined EPR/FP3393SB/T001	04/01/2010	Permit (EAWML 23707) transferred in full to New Earth Solutions (Canford) Limited	
Variation issued EPR/FP3393SB/V002	28/05/2010	Variation to amend site plan	
Variation issued EPR/FP3393SB/V003	28/06/2012	Increase permitted waste quantity from 75,000 to 100,000 tonnes per annum and consolidate permit	
Variation issued EPR/FP3393SB/V004	14/12/2012	Activities D8, D9, D13 and D15 removed from table S1.1 in the permit	
Variation application EPR/FP3393SB/V005	Duly made 07/01/2015	Variation to increase annual throughput from 100,000 tonnes per annum to 125,000 tonnes per annum	
Variation determined	02/03/2015	Variation issued	

End of introductory note

Notice of variation

The Environmental Permitting (England and Wales) Regulations 2010

The Environment Agency in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2010 varies

Permit number

EPR/FP3393SB

Issued to

New Earth Solutions (Canford) Limited ("the operator")

whose registered office is

35 Black Moor Road Ebblake Industrial Estate Verwood Dorset BH31 6AT

company registration number 06249283

to operate a regulated facility at

Canford MBT Facility Arena Way Magna Road Wimborne Dorset BH21 3AP

to the extent set out in the schedules.

The notice shall take effect from 02/03/2015.

Name	Date
Maxine Evans	02/03/2015

Authorised on behalf of the Environment Agency

Schedule 1 - conditions to be deleted

None

Schedule 2 – conditions to be amended

The following conditions are amended as a result of the application made by the operator:

Table S2.2 referenced in the Condition 2.3.2 of the permit is amended as follows

Table S2.2 Pe	ermitted waste types and quantities		
Maximum quantity	The total quantity of waste accepted at the site shall be less than 125,000 tonnes a year subject to the Improvement Programme Condition IC1		
Exclusions	Waste having any of the following characteristics shall not be accepted		
	Consisting solely or mainly of dust, powder or loose fibres		
	Hazardous waste		
Waste code	Description		
01	WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS		
01 05	drilling muds and other drilling wastes		
01 05 04	freshwater drilling muds and wastes		
02	WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING		
02 01	wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing		
02 01 01	sludges from washing and cleaning		
02 01 02	animal-tissue waste		
02 01 03	plant-tissue waste		
02 01 06	animal faeces, urine and manure (including spoiled straw), effluent, collected separately and treated off-site		
02 01 07	wastes from forestry		
02 02	wastes from the preparation and processing of meat, fish and other foods of animal origin		
02 02 01	sludges from washing and cleaning		
02 02 02	animal-tissue waste		
02 02 03	materials unsuitable for consumption or processing		
02 02 04	sludges from on-site effluent treatment		
02 03	wastes from fruit, vegetables, cereals, edible oils, cocoa, coffee, tea and tobacco preparation and processing; conserve production; yeast and yeast extract production, molasses preparation and fermentation		
02 03 01	sludges from washing, cleaning, peeling, centrifuging and separation		
02 03 04	materials unsuitable for consumption or processing		
02 03 05	sludges from on-site effluent treatment		
02 04	wastes from sugar processing		
02 04 01	soil from cleaning and washing beet		
02 04 03	sludges from on-site effluent treatment		
02 05	wastes from the dairy products industry		

Maximum quantity	The total quantity of waste accepted at the site shall be less than 125,000 tonnes a year subject to the Improvement Programme Condition IC1
Exclusions	Waste having any of the following characteristics shall not be accepted
	Consisting solely or mainly of dust, powder or loose fibres
	Hazardous waste
Waste code	Description
02 05 01	materials unsuitable for consumption or processing
02 05 02	sludges from on-site effluent treatment
02 06	wastes from the baking and confectionery industry
02 06 01	materials unsuitable for consumption or processing
02 06 03	sludges from on-site effluent treatment
02 07	wastes from the production of alcoholic and non-alcoholic beverages (except coffee, tea and cocoa)
02 07 01	wastes from washing, cleaning and mechanical reduction of raw materials
02 07 02	wastes from spirits distillation
02 07 05	sludges from on-site effluent treatment
03	WASTES FROM WOOD PROCESSING AND THE PRODUCTION OF PANELS AND FURNITURE, PULP, PAPER AND CARDBOARD
03 01	wastes from wood processing and the production of panels and furniture
03 01 01	waste bark and cork
03 01 05	sawdust, shavings, cuttings, wood, particle board and veneer other than those mentioned in 03 01 04
03 03	wastes from pulp, paper and cardboard production and processing
03 03 01	waste bark and wood
03 03 07	mechanically separated rejects from pulping of waste paper and cardboard
03 03 08	wastes from sorting of paper and cardboard destined for recycling
03 03 10	fibre rejects, fibre-, filler- and coating-sludges from mechanical separation
03 03 11	sludges from on-site effluent treatment other than those mentioned in 03 03 10
04	WASTES FROM THE LEATHER, FUR AND TEXTILE INDUSTRIES
04 02	wastes from the textile industry
04 02 09	wastes from composite materials (impregnated textile, elastomer, plastomer)
04 02 10	organic matter from natural products (for example grease, wax)
04 02 15	wastes from finishing other than those mentioned in 04 02 14
04 02 17	dyestuffs and pigments other than those mentioned in 04 02 16
04 02 20	sludges from on-site effluent treatment other than those mentioned in 04 02 19
04 02 21	wastes from unprocessed textile fibres
04 02 22	wastes from processed textile fibres
07	WASTES FROM ORGANIC CHEMICAL PROCESSES
07 01	wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals
07 01 12	sludges from on-site effluent treatment other than those mentioned in 07 01 11

Maximum quantity	The total quantity of waste accepted at the site shall be less than 125,000 tonnes a year subject to the Improvement Programme Condition IC1
Exclusions	Waste having any of the following characteristics shall not be accepted
	Consisting solely or mainly of dust, powder or loose fibres
	Hazardous waste
Waste code	Description
07 02	wastes from the MFSU of plastics, synthetic rubber and man-made fibres
07 02 12	sludges from on-site effluent treatment other than those mentioned in 07 02 11
07 03	wastes from the MFSU of organic dyes and pigments (except 06 11)
07 03 12	sludges from on-site effluent treatment other than those mentioned in 07 03 11
07 04	wastes from the MFSU of organic plant protection products (except 02 01 08 and 02 01 09), wood preserving agents (except 03 02) and other biocides
07 04 12	sludges from on-site effluent treatment other than those mentioned in 07 04 11
07 06	wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics
07 06 12	sludges from on-site effluent treatment other than those mentioned in 07 06 11
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 03	wooden packaging
15 01 09	textile packaging
16	WASTES NOT OTHERWISE SPECIFIED IN THE LIST
16 03	off-specification batches and unused products
16 03 06	organic wastes other than those mentioned in 16 03 05
17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
17 02	wood, glass and plastic
17 02 01	wood
18	WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (except kitchen and restaurant wastes not arising from immediate health care)
18 02	wastes from research, diagnosis, treatment or prevention of disease involving animals
18 02 03	wastes whose collection and disposal is not subject to special requirements in order to prevent infection
19	WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE
19 05	wastes from aerobic treatment of solid wastes
19 05 01	non-composted fraction of municipal and similar wastes
19 05 02	non-composted fraction of animal and vegetable waste
19 05 03	off-specification compost
19 06	wastes from anaerobic treatment of waste

Table S2.2 Pe	rmitted waste types and quantities
Maximum quantity	The total quantity of waste accepted at the site shall be less than 125,000 tonnes a year subject to the Improvement Programme Condition IC1
Exclusions	Waste having any of the following characteristics shall not be accepted
	Consisting solely or mainly of dust, powder or loose fibres
	Hazardous waste
Waste code	Description
19 06 04	digestate from anaerobic treatment of municipal waste
19 06 06	digestate from anaerobic treatment of animal and vegetable waste
19 08	wastes from waste water treatment plants not otherwise specified
19 08 12	sludges from biological treatment of industrial waste water other than those mentioned in 19 08 11
19 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 01	paper and cardboard
19 12 07	wood other than that mentioned in 19 12 06
19 12 12	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11
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 08	biodegradable kitchen and canteen waste
20 01 10	clothes
20 01 11	textiles
20 01 25	edible oil and fat
20 01 38	wood other than that mentioned in 20 01 37
20 02	garden and park wastes (including cemetery waste)
20 02 01	biodegradable waste
20 02 02	soil and stones
20 03	other municipal wastes
20 03 01	mixed municipal waste
20 03 02	waste from markets
20 03 03	street-cleaning residues
20 03 04	septic tank sludge

Schedule 3 - conditions to be added

The following conditions are added as a result of the application made by the operator:

2.4 Improvement programme

- 2.4.1 The operator shall complete the improvements specified in schedule 1 table S1.3 by the date specified in that table unless otherwise agreed in writing by the Environment Agency.
- 2.4.2 Except in the case of an improvement which consists only of a submission to the Environment Agency, the operator shall notify the Environment Agency within 14 days of completion of each improvement.

Table S1.3 Improvement programme requirements			
Reference	Requirement	Date	
IC1	An increase of waste accepted at the site from 110,000 to 125,000 tonnes per year shall not be permitted until:	31/07/15 or	
	 the CLO screening operations are moved to Hall 2, the former screening building is dedicated to CLO maturation, the biofines transfer conveyor is installed, 	as agreed in writing with the Environment	
	unless otherwise approved by the Environment Agency.	Agency.	