

Notice of variation with introductory note

The Environmental Permitting (England & Wales) Regulations 2010

New Earth Solutions (Canford) Limited

Canford MBT Facility

Site Control Centre

Magna Road

Wimborne

Dorset

BH21 3AP

Variation application number

EPR/FP3393SB/V006

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 Industrial Emissions Directive (IED) was transposed in England and Wales by the Environmental Permitting (England and Wales)(Amendment) Regulations 2013 on 27 February 2013. This variation implements the changes brought about by the IED for “existing facilities operating newly prescribed activities” and completes the transition of this facility from a waste operation to an IED Installation.

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 received EAWML 23707	Duly made 01/08/2002	Application for waste recycling and treatment centre.
Permit determined EAWML 23707	29/04/2003	Waste Management Licence issued to W.H.White plc, EAWML 23707.
Notice of modification issued	05/12/2003	Condition requiring financial provision to be made and maintained deleted.
Application EPR/FP3393SB/T001 (Full transfer of permit)	20/11/2009	Application to transfer the permit in full to New Earth Solutions (Canford) Limited.
Transferred determined EPR/FP3393SB	04/01/2010	Full transfer of permit complete.
Application EPR/FP3393SB/V002 (variation)	Duly made 29/03/2010	Application to amend site boundary.
Variation determined EPR/FP3393SB	28/05/2010	Variation notice issued.
Application EPR/FP3393SB/V003 (variation)	02/04/2012	Application to increase permitted waste quantities from 75,000 to 100,000 tonnes per annum and consolidate permit.
Variation determined EPR/FP3393SB	28/06/2012	Consolidated permit issued.
Application EPR/FP3393SB/V004 (administrative variation)	Duly made 26/11/2012	Application to remove activities D8, D9, D13 and D15 from table S1.1 in the permit.
Variation issued EPR/FP3393SB	14/12/2012	Variation notice issued.
Variation application EPR/FP3393SB/V005 (variation)	Duly made 07/01/2015	Application to increase annual throughput from 100,000 tonnes per annum to 125,000 tonnes per annum.
Variation determined EPR/FP3393SB	02/03/2015	Variation notice issued.
Application EPR/FP3393SB/V006 (variation)	Duly made 01/09/2014	Application to vary permit to include a newly prescribed activity under the Industrial Emissions

Status log of the permit		
Description	Date	Comments
		Directive (IED).
Additional information received	22/06/2015	Updated drainage plan showing location of surface water discharge.
Variation determined EPR/FP3393SB (Billing Ref: VP3734WB)	09/10/2015	Varied permit 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
Ebbleke Industrial Estate
Verwood
Dorset
BH31 6AT**

company registration number 06249283

to operate a regulated facility at

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

to the extent set out in the schedules.

The notice shall take effect from 09/10/2015

Name	Date
Rebecca Warren	09/10/2015

Authorised on behalf of the Environment Agency

Schedule 1 – conditions to be deleted

None.

Schedule 2 – conditions to be amended

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

- Conditions 3.1 and 3.4 have been amended to acknowledge the clean surface water discharge from the installation activity.

3.1 Emissions to water, air or land

3.1.1 There shall be no point source emissions to water, air or land except from the sources and emission points listed in schedule 3 table S3.1.

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) point source emissions specified in tables S3.1;
- (b) bioaerosols monitoring specified in table S3.6
- (c) process monitoring specified in table S3.7;

- Condition 4.2.3 is amended to reflect the reporting requirements for facilities permitted under the Industrial Emissions Directive. Condition 4.2.3 reads as follows:

4.2 Reporting

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:

- (a) in respect of the parameters and emission points specified in schedule 4 table S4.1;
- (b) for the reporting periods specified in schedule 4 table S4.1 and using the forms specified in schedule 4 table S4.4; and
- (c) giving the information from such results and assessments as may be required by the forms specified in those tables.

- Conditions 4.3.1, 4.3.2 and 4.4.2 are amended to reflect the changes to Schedule 1 of the Environmental Permitting Regulations introduced by the Industrial Emissions Directive – notification by the operator. Conditions 4.3.1, 4.3.2 and 4.4.2 now read as follows:

4.3 Notifications

4.3.1 In the event:

- (a) that the operation of the activities gives rise to an incident or accident which significantly affects or may significantly affect the environment, the operator must immediately —
 - (i) inform the Environment Agency,
 - (ii) take the measures necessary to limit the environmental consequences of such an incident or accident, and
 - (iii) take the measures necessary to prevent further possible incidents or accidents;
- (b) of a breach of any permit condition the operator must immediately —

- (i) inform the Environment Agency, and
 - (ii) take the measures necessary to ensure that compliance is restored within the shortest possible time;
- (c) of a breach of permit condition which poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment, the operator must immediately suspend the operation of the activities or the relevant part of it until compliance with the permit conditions has been restored.

4.3.2 Any information provided under condition 4.3.1 (a)(i) or 4.3.1 (b)(i) where the information relates to the breach of a limit specified in the permit, shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.

4.4 Interpretation

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 “immediately”, in which case it may be provided by telephone.

Schedule 1 – Operations

- Table S1.1 as referenced by Condition 2.1.1 is amended to reflect the changes to Schedule 1 of the Environmental Permitting Regulations introduced by the Industrial Emissions Directive. Table S1.1 now reads as follows:

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity and WFD Annex I and II operations	Limits of specified activity and waste types
A1	S5.4 A(1) (b) (i) Recovery or a mix of recovery and disposal of non hazardous waste with a capacity exceeding 75 tonnes per day (or 100 tonnes per day if the only waste treatment activity is anaerobic digestion) involving biological treatment.	R3: Recycling/reclamation of organic substances which are not used as solvents	From receipt of waste through to composting and recovery of by-products. Biological treatment of waste consisting of aerobic composting or bio-drying for the purpose of recovery. Waste types suitable for acceptance are limited to those specified in Table S2.2.
Directly Associated Activity			

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity and WFD Annex I and II operations	Limits of specified activity and waste types
A2	Storage of waste pending recovery	R13: Storage of waste pending the operations numbered R1 and R3 (excluding temporary storage, pending collection, on the site where it is produced)	<p>From the receipt of waste to despatch for composting or despatch off site for recovery.</p> <p>Activity undertaken in relation to A1.</p> <p>Waste types suitable for acceptance are limited to those specified in Table S2.2.</p>
A3	Physical treatment for the purpose of recycling	<p>R3: Recycling/reclamation of organic substances which are not used as solvents</p> <p>R4: Recycling/reclamation of metals and metal compounds</p> <p>R5: Recycling/reclamation of other inorganic compounds</p>	<p>From the receipt of waste to despatch for composting or despatch off site for recovery.</p> <p>Treatment operations shall be limited to:</p> <p>Physical treatment including screening, crushing, baling, shredding and pelletising for the purpose of recovery.</p> <p>Treatment of waste prior to composting including separation, screening and sorting.</p> <p>Post-treatment of processed compost like output including screening and sorting to remove contraries.</p> <p>Heat treatment (pasteurisation) of waste for the purpose of recovery.</p> <p>Activity undertaken in relation to A1.</p> <p>Waste types suitable for acceptance are limited to those specified in Table S2.2.</p>

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity and WFD Annex I and II operations	Limits of specified activity and waste types
A4	Surface water collection and storage	Collection and storage of uncontaminated roof and site surface water.	From the collection of uncontaminated roof and site surface water from non operational areas only to re-use within the facility or discharge off-site. Undertaken in relation to Activity A1.
A5	Raw material storage	Storage of raw materials including sulphuric acid and diesel.	From the receipt of raw materials to despatch for use within the facility. Activity undertaken in relation to A1.
A6	Process water storage	Collection in channels and pumped to the leachate tanks for storage.	From the receipt of compost leachate produced at the facility to despatch off site for recovery or disposal. Activity undertaken in relation to A1.
A7	Compost storage	Collection and storage of Compost like output.	From the receipt of processed compost produced at the facility to despatch for use off-site. Activity undertaken in relation to A1.

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: <ul style="list-style-type: none"> the CLO screening operations are moved to Hall 2, the former screening building is dedicated to CLO maturation, the biofines transfer conveyor is installed, unless otherwise approved by the Environment Agency.	31/12/15 or as agreed in writing with the Environment Agency.
IC2	The operator shall submit an odour management plan to the Environment Agency for written approval. The plan shall take into	09/04/2016 Or time scale

Reference	Requirement	Date
	account the appropriate measures for odour control specified in section 2.2.6 of Sector Guidance Note IPPC S5.06 – Guidance for the Treatment of Hazardous and Non Hazardous Waste. The plan shall also incorporate all the required detailed information as specified in the Environment Agency’s Horizontal Guidance H4 – Odour Management. The plan must contain dates for implementation of individual measures.	agreed in writing with the EA
IC3	The operator shall submit revised written procedures for approval to meet all the relevant BAT requirements for the S5.4 A(1) (b) (i) Recovery or a mix of recovery and disposal of non hazardous waste with a capacity exceeding 75 tonnes per day (or 100 tonnes per day if the only waste treatment activity is anaerobic digestion) involving biological treatment. detailed in SGN 5.06. The procedures must contain dates for implementation of individual measures	09/04/2016 Or time scale agreed in writing with the EA

Parameter	Emission or monitoring point/reference	Reporting period	Period begins
Bioaerosols monitoring Parameters as required by condition 3.4.1	As specified in schedule 3 table S3.6	Every 6 months or as agreed in writing by the Environment Agency.	1 April, 1 October.

- Table S4.3 as referenced by Condition 4.2.3 is amended to reflect the reporting requirements for facilities permitted under the Industrial Emissions Directive. Table S4.3 (now Table S4.4) reads as follows:

Media/parameter	Reporting format	Date of form
Bioaerosols	As specified in the Industry Standard Protocol or other form as agreed in writing by the Environment Agency	--
Water usage	Form water usage 1 or other form as agreed in writing by the Environment Agency	09/10/15
Energy usage	Form energy 1 or other form as agreed in writing by the Environment Agency	09/10/15
Other performance indicators	Form performance 1 or other form as agreed in writing by the Environment Agency	09/10/15
Waste returns	E-waste Return Form	--

Schedule 3 – conditions to be added

The following conditions and tables are added as a result of the application made by the operator and in accordance with the requirements of the Industrial Emissions Directive:

1.3 Energy efficiency

1.3.1 The operator shall:

- (a) take appropriate measures to ensure that energy is used efficiently in the activities;
- (b) review and record at least every four years whether there are suitable opportunities to improve the energy efficiency of the activities; and
- (c) take any further appropriate measures identified by a review.

1.4 Efficient use of raw materials

1.4.1 The operator shall:

- (a) take appropriate measures to ensure that raw materials and water are used efficiently in the activities;
- (b) maintain records of raw materials and water used in the activities;
- (c) review and record at least every four years whether there are suitable alternative materials that could reduce environmental impact or opportunities to improve the efficiency of raw material and water use; and
- (d) take any further appropriate measures identified by a review.

2.3 Operating techniques

2.3.3 Any raw materials or fuels listed in Schedule 2 Table S2.1 shall conform to the specifications set out in that table.

2.3.4 The operator shall ensure that where waste produced by the activities is sent to a relevant waste operation, that operation is provided with the following information, prior to the receipt of the waste:

- (a) the nature of the process producing the waste;
- (b) the composition of the waste;
- (c) the handling requirements of the waste;
- (d) the hazardous property associated with the waste, if applicable; and
- (e) the waste code of the waste.

2.3.5 The operator shall ensure that where waste produced by the activities is sent to a landfill site, it meets the waste acceptance criteria for that landfill.

3.1 Emissions to water, air or land

3.1.2 The limits given in Schedule 3 shall not be exceeded.

3.1.3 Periodic monitoring shall be carried out at least once every 5 years for groundwater and 10 years for soil, unless such monitoring is based on a systematic appraisal of the risk of contamination.

3.5 Pests

3.5.1 The activities shall not give rise to the presence of pests which are likely to cause pollution, hazard or annoyance outside the boundary of the site. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved pests management plan, have been taken to prevent or where that is not practicable, to minimise the presence of pests on the site.

3.5.2 The operator shall:

- (a) if notified by the Environment Agency, submit to the Environment Agency for approval within the period specified, a pests management plan which identifies and minimises risks of pollution from pests;
- (b) implement the pests management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.6 Fire prevention

3.6.1 The operator shall take all appropriate measures to prevent fires on site and minimise the risk of pollution from them including, but not limited to, those specified in any approved fire prevention plan.

3.6.2 The operator shall:

- (a) if notified by the Environment Agency that the activities are giving rise to a risk of fire, submit to the Environment Agency for approval within the period specified, a fire prevention plan which prevents fires and minimises the risk of pollution from fires;
- (b) implement the fire prevention plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

4.2 Reporting

4.2.5 A report or reports on the performance of the activities over the previous year shall be submitted to the Environment Agency by 31 January (or other date agreed in writing by the Environment Agency) each year. The report(s) shall include as a minimum:

- (a) a review of the results of the monitoring and assessment carried out in accordance with the permit including an interpretive review of that data;
- (b) the annual production/treatment data set out in Schedule 4 Table S4.2; and
- (c) the performance parameters set out in Schedule 4 Table S4.3 using the forms specified in table S4.4 of that schedule.

4.2.6 The operator shall, unless notice under this condition has been served within the preceding four years, submit to the Environment Agency, within six months of receipt of a written notice, a report assessing whether there are other appropriate measures that could be taken to prevent, or where that is not practicable, to minimise pollution.

4.3 Notifications

4.3.6 The Environment Agency shall be given at least 14 days notice before implementation of any part of the site closure plan.

Schedule 2 – Waste types, raw materials and fuels

Table S2.1 Raw materials and fuels	
Raw materials and fuel description	Specification
Fuel oil	Sulphur content not exceeding 0.1% by mass.
Sulphuric acid	--

Schedule 3 – Emissions and monitoring

Table S3.1 Point Source emissions to water (other than sewer) and land – emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter	Limit (incl. unit)	Reference Period	Monitoring frequency	Monitoring standard or method
S1 as shown on Drainage Plan in application EPR/FP3393SB/V006	Uncontaminated site surface water discharging via interceptor to a ditch which leads to Knighton Stream.	No parameter set	No limit set	--	--	--

Schedule 4 – Reporting

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

Table S4.2 Annual production/treatment	
Parameter	Units
Processed compost	tonnes or m ³

Table S4.3 Performance parameters		
Parameter	Frequency of assessment	Units
Water usage	Annually	tonnes or m ³
Energy usage	Annually	MWh
Raw material usage	Annually	tonnes or m ³

END OF NOTICE.

Permit Number: **EPR/FP3393SB**
Facility: **Canford MBT Facility**

Operator: **New Earth Solutions
(Canford) Limited**
Form Number: **WaterUsage1 / 09/10/15**

Reporting of Water Usage for the year

Water Source	Usage (m3/year)	Specific Usage (m3/unit output)
Mains water		
Site borehole		
River abstraction		
TOTAL WATER USAGE		

Operator's comments:

Signed
(authorised to sign as representative of Operator)

Date.....

Permit Number: **EPR/FP3393SB**

Operator: **New Earth Solutions
(Canford) Limited**

Facility: **Canford MBT Facility**

Form Number:

Energy1 / 09/10/15

Reporting of Energy Usage for the year

Energy Source	Energy Usage		Specific Usage (MWh/unit output)
	Quantity	Primary Energy (MWh)	
Electricity *	MWh		
Natural Gas	MWh		
Recovered Fuel Oil	tonnes		
Gas Oil	tonnes		
TOTAL	-		

* Conversion factor for delivered electricity to primary energy = 2.4

Operator's comments:

Signed

Date.....

(Authorised to sign as representative of Operator)

Permit Number: **EPR/FP3393SB** **Operator:** **New Earth Solutions (Canford Limited)**
Facility: **Canford MBT Facility** **Form Number:** **Performance1 / 09/10/15**

Reporting of other performance indicators for the period DD/MM/YYYY to DD/MM/YYYY

Parameter	Units
Total raw material used	tonnes

Operator's comments:

Signed

Date.....

(Authorised to sign as representative of Operator)