

To the Company Director &/or Secretary
 Wessex Water Services Limited
 Avonmouth CHP, Sludge Drying and Food
 Waste Treatment Facility
 Kingsweston Lane
 Avonmouth
 Bristol
 BS11 0YS

Our ref: EPR/PP3734LK/V008

Date: 21 February 2014

Dear Sir or Madam

Issue of Environment Agency initiated variation of your permit

Permit reference: EPR/PP3734LK/V008S

Applicant: Wessex Water Services Limited

**Facility: Avonmouth CHP, Sludge Drying and Food Waste Treatment Facility,
 Kingsweston Lane, Avonmouth, Bristol, BS11 0YS**

We've decided to vary your permit to reflect the implementation of the Industrial Emissions Directive into Schedule 1 of the Environmental Permitting Regulations 2010. The amendments made to Schedule 1 have changed the reference list of activities in the Regulations. Thus, this variation updates the activities authorised by your permit to this revised list. The variation makes no other changes to other aspects of the permit.

We're satisfied that operations can continue in accordance with the variation without harm to the environment or human health. The variation takes effect from 21 February 2014. I enclose a notice showing the changes we've made. Please keep this in a safe place with your other permit records.

This letter contains web links to other documents. If you aren't able to access these phone our Customer Contact Centre for help.

If you're not already familiar with our document 'How to comply with your environmental permit' please look at it, as this will help you understand how to meet the conditions of the permit. You can find this on our guidance web page <http://www.environment-agency.gov.uk/business/topics/permitting/32320.aspx>

Please look at the table below and note any of the information or actions that apply to your permit.

If...	then..
the variation means you are now carrying out a waste operation or activity and need to submit quarterly waste returns on waste movements Note This does not apply to permits that only have stand alone water discharge or groundwater activities.	you can get the forms you need from our website http://www.environment-agency.gov.uk/business/topics/waste/32176.aspx If you do not have web access phone our Customer Contact Centre
you need to submit other returns	send these to your area office. Speak to your area officer to check local arrangements.
your variation has added an installation to your permit for the first time	we've enclosed the pollution inventory letter, notice and fact sheet



Rights of appeal

If you are not happy with any permit condition that has been imposed by the variation you may appeal to the Secretary of State. You must make your appeal no later than two months after the date of the notice.

Further information about making an appeal and the forms you will need are available from the Planning Inspectorate website or from the contact details below:

The Planning Inspectorate, Environment Appeals, Room 3/25 Hawk Wing, Temple Quay House, 2 The Square, Temple Quay, Bristol, BS1 6PN. Phone: 0117 3728726

Email: environment.appeals@pins.gsi.gov.uk

You must send written notice of the appeal and the documents listed below to the Secretary of State to the Planning Inspectorate address above. At the same time you must send us a copy of the notice and documents to

Victoria Balmer, Appeals Coordinator, Environment Agency, National Permitting Service, Knutsford Road, Latchford, Warrington, WA4 1HG.

Phone: 01925 542456

Email : victoria.balmer@environment-agency.gov.uk

The documents are:

- a statement of the grounds of appeal;
- a copy of any relevant application;
- a copy of any relevant environmental permit;
- a copy of any relevant correspondence between the appellant and the regulator;
- a copy of any decision or notice which is the subject matter of the appeal; and
- a statement indicating whether you wish the appeal to be in the form of a hearing or dealt with by way of written representations.

You may withdraw an appeal by notifying the Secretary of State in writing and sending a copy of that notification to us.

If you have any questions about this permit please phone our Customer Contact Centre on 03708 506 506. They will put you in touch with a local area officer.

Yours faithfully,

Adam Grange
Permitting Support Advisor

Notice of variation with introductory note

Environmental Permitting (England & Wales) Regulations 2010

Wessex Water Services Limited

Avonmouth CHP, Sludge Drying and
Food Waste Treatment Facility
Kingsweston Lane
Avonmouth
Bristol
BS11 0YS

Variation application number

EPR/PP3734LK/V008

Permit number

EPR/PP3734LK

Avonmouth CHP, Sludge Drying and Food Waste Treatment Facility

Permit number EPR/PP3734LK

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.

Schedule 1 to the Environmental Permitting Regulations has been updated by the Environmental Permitting (England and Wales) (Amendment) Regulations 2013 to reflect the implementation of the Industrial Emissions Directive into England and Wales. This variation implements the changes made to Schedule 1 of the Regulations into Table S1.1 of the permit. Table S1.1 specifies the activities authorised by the permit.

The schedules to this variation 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 EPR/PP3734LK	Duly made 30/03/06	
Additional information received	09/06/06	
Additional information received	28/06/06	
Additional information received	03/07/06	
Additional information received	13/07/06	
Additional information received	28/09/06	
Additional information received	24/10/06	
Additional information received	02/11/06	
Permit determined EPR/PP3734LK	30/03/06	Original permit issued to Wessex Water Services Limited.
Application NP3533XC (variation)	Duly Made 20/10/07	
Additional information received	06/11/07	Electronic copy of installation boundary requested.
Variation determined NP3533XC	23/11/07	
Application EPR/PP3734LK/V004 (variation)	Duly made 07/03/09	
Variation determined EPR/PP3734LK/V004	16/02/10	
Application EPR/PP3734LK/V005	Duly Made 20/12/10	

Status log of the permit

Description	Date	Comments
Additional information received	15/02/11	21/02/11 and 04/03/11
Variation determined EPR/PP3734LK/V005	18/03/11	
Application EPR/PP3734LK/V006 (variation)	Duly made 27/11/12	Application to vary the Permit, received 01/10/12. Additional information received 27/11/12.
Variation determined EPR/PP3734LK/V006	21/01/13	Varied Permit issued.
Application EPR/PP3734LK/V007 (variation)	Duly made 21/03/13	Application to vary permit for the reception of incoming waste into the Post Digestate Storage Tank.
Variation determined EPR/PP3734LK/V007	09/04/13	Varied Permit issued.
Agency variation determined EPR/PP3734LK/V008	21/02/14	Agency variation to implement the changes introduced by IED

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/PP3734LK

issued to:
Wessex Water Services Limited ("the operator")

whose registered office is

Wessex Water Operations Centre
Claverton Down Road
Claverton Down
Bath
BA2 7WW

company registration number **02366648**

to operate a regulated facility at

Avonmouth CHP, Sludge Drying and Food Waste Treatment Facility
Kingsweston Lane
Avonmouth
Bristol
BS11 0YS

to the extent set out in the schedules.

The notice shall take effect from 21/02/2014

Name

Date

Damien Matthias

21/02/2014

Authorised on behalf of the Environment Agency

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
	Description of activities for waste operations		Limits of activities
A11	<p>R13: Storage of waste pending any of the operations numbered R1 to R12. (excluding temporary storage, pending collection, on the site where it is produced)</p> <p>R3: Recycling/reclamation of organic substances which are not used as solvents.</p> <p>R5: Recycling/reclamation of other inorganic compounds.</p> <p>D9: disposal operation activity description (Physico-chemical treatment not specified elsewhere in Annex IIA to the Waste Framework Directive which results in compounds or mixtures which are discarded by means of any operations numbered D1 to D12).</p>	<p>Unloading and storage of incoming wastes shall only take place within the enclosed Waste Reception Hall of the process building or in the Liquid Waste Storage Tank or the Post Digestate Storage Tank.</p> <p>Treatment of wastes including sorting, shredding, grinding, screening, mixing, and maceration.</p> <p>Digestion of wastes including pasteurisation and chemical addition. Gas cleaning by biological or chemical scrubbing.</p> <p>Treatment of digestate including screening to remove plastic residues, centrifuge or pressing, addition of thickening agents (polymers).</p> <p>Physical treatment consisting only of manual sorting, screening, crushing, baling or compaction of packaging components and non-digestible non-hazardous waste into different components for recovery.</p> <p>Physical treatment consisting only of manual sorting, screening, crushing, baling or compaction of packaging components and non-digestible non-hazardous waste into different components for disposal.</p> <p>Waste types as specified in Schedule 2 Table S2.3.</p>	

Schedule 3 – conditions to be added

None

Schedule 1 – conditions to be deleted

None

Schedule 2 – conditions to be amended

The following conditions are amended as detailed, following an Environment Agency initiated variation

- Table S1.1 is amended to reflect the changes to Schedule 1 of the Environmental Permitting Regulations introduced by the Industrial Emissions Directive. The table now reads:

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	Section 5.5 Part A(1)(a)	Making solid fuel (other than charcoal) from waste by any process involving the use of heat.	From receipt of sewage sludge from the adjacent Waste Water Treatment Works to final production of fuel pellets.
Directly Associated Activity			
A2	Burning of waste as a fuel	Burning any fuel manufactured from, or comprising, any other waste in an appliance with a rated thermal input of 3 or more megawatts, but less than 50 megawatts.	Receipt of gas generated from the STW and FWTP digesters and the supply of electricity to the grid.
A3	Storage and handling of raw materials and lubrication oils	Raw material storage.	From receipt of raw materials to dispatch for use.
A4	Storage and handling of wastes including waste oils.	Storage and handling of wastes generated by the process.	From the generation of the waste through to its removal from the installation.
A5	Site drainage	Surface water and condensate drainage.	Collection of site drainage for discharge to the adjacent Sewage Treatment Works' Head of the Works.
A6	Storage of biogas	Biogas storage.	From receipt of biogas to delivery to engines or Ground Flare.

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
A7	Operation of the biogas flare stack	D10: Incineration on land. Use of the flare only required during periods of breakdown, or maintenance of the plant.	From receipt of the biogas to the release of combustion products from the flare stack.
A8	Abatement plant for emissions to air	Abatement plant for control of emissions from pelletising plant activities.	From receipt of exhaust gas to discharge to atmosphere.
A9	Utilities supply	Operation of systems for supply of utilities and services such natural gas and electricity.	Utilities and services systems within the Installation boundary.
A10	Storage and dosing of water treatment chemicals in the adjacent STW ('iron salt dosing')	Storage and dosing of water treatment chemicals in the adjacent STW.	From receipt of raw material to use in the dosing process in the adjacent STW.