

Variation notice with introductory note

Environmental Permitting (England & Wales) Regulations 2007

Davyhulme WwTW Sludge
Treatment Facility

United Utilities Water PLC
Urmston
Manchester
M41 7JB

Permit number
HP3931LJ

Variation number
EA/EPR/HP3931LJ/V002
LP3839GF

Davyhulme WwTW Sludge Treatment Facility Permit Number HP3931LJ

Introductory note

This introductory note does not form a part of the permit

The following notice, which is issued pursuant to regulation 20 and Part 1 of Schedule 5 of the Environmental Permitting (England and Wales) Regulations S.I.2007 No. 3538 (the Regulations), gives notice of the variation of an environmental permit to operate a regulated facility.

The variation is to change the biogas facilities to introduce siloxane removal to the biogas line between the gas holder and the CHP engines as a directly associated activity. As part of this the ASR has been updated.

Schedule 1 of this notice lists any deleted conditions, Schedule 2 lists any amended conditions and Schedule 3 lists any conditions that have been added.

Status Log of the permit		
Detail	Date	Response Date
Application HP3931LJ	Duly made 30/06/06	
Request for further information	23/08/06,	22/09/06, 29/09/07, 23/10/06
	08/09/06,	22/09/06, 29/09/06
	28/09/06,	25/10/06
	29/09/09,	16/10/06
	06/10/06,	09/10/06
	19/10/06,	25/10/06
	19/10/06,	26/10/06
	27/10/06,	06/12/06,
	07/11/06,	23/11/06, 11/12/06
	18/12/06,	02/01/07
	17/08/07	31/08/07
	04/09/07	15/10/07
Additional information received	09/02/07	
Additional information received	30/04/07	
Additional information received	29/05/07	
Additional information received	28/08/07	
Additional information received	15/10/07	
Permit issued	24/10/07	
Application LP3839GF	Duly made 19/11/08	
Additional Information Received	Notice served 03/12/08	29/12/08
Variation EA/EPR/HP3931LJ/V002	26/02/09	

Other PPC permits relating to this installation

Operator	Permit Number	Date of Issue
United Utilities Industrial Ltd	EP3031LB	24/10/07

Superseded or Partially Superseded Licences/Authorisations/Consents relating to this installation

Holder	Reference Number	Date of Issue	Fully or Partially Superseded
United Utilities Water PLC	WML 0996	27 March 1998	Partially

The waste management licence shall cease to have effect if and to the extent that treatment, keeping or disposal of waste authorised by the licence is authorised by this permit.

Other existing Licences/Authorisations/Registrations relating to this site

Holder	Reference Number	Date of issue
United Utilities Water PLC	WML 0996	27 March 1998

End of Introductory Note

Notice of variation

Environmental Permitting
(England and Wales) Regulations 2007

Permit number

HP3931LJ

The Environment Agency in exercise of its powers under Regulation 20 of the Environmental Permitting (England and Wales) Regulations 2007 (SI 2007 No 3538) varies the permit as set out below.

United Utilities Water PLC (“the operator”),

whose registered office is

Haweswater House

Lingley Mere Business Park

Lingley Green Avenue

Great Sankey

Warrington

Cheshire

WA5 3LP

company registration number **2366678**

holds a permit to a regulated facility at:

Davyhulme Waste Water Treatment Works

Urmston

Manchester

M41 7JB

and that permit is varied to the extent set out in Schedules 1 to 3 of this notice.

The notice shall take effect from 26 February 2009

Name	Date
D E Marshall	

Authorised on behalf of the Agency

Schedule 1 – conditions to be deleted

None

Schedule 2 – conditions to be amended

The following conditions are amended as follows

1. Table S1.1 in schedule 1 shall be amended to include

Table S1.1 activities

Activity listed in Schedule 1 of the PPC Regulations

Directly Associated Activity	Description of specified activity and WFD Annex IIA and IIB operations	Limits of specified activity and waste types
Biogas Treatment Plant	Removal of siloxanes from biogas	From the storage of biogas at gas holder to the combustion of biogas at the CHP engines. Waste types – siloxane condensate returned to the head of the ASP2 plant

2. Table S1.2 in schedule 1 shall be amended to include

Table S1.2 Operating techniques

Description	Parts	Date Received
Variation Application	All of section B2 in variation application – techniques	17/11/08
Response to notice requesting further information dated 23.12.08	All parts	29/12/08
Response to e mail 13.1.09	All parts	29/01/09

3. Table S1.3 in schedule 1 shall be amended to include

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
IC17	<p>A commissioning report for the siloxane removal plant shall be provided to the Agency to demonstrate it's performance in the first 3 months of it's operation. The report should be submitted within 4 months of it's operation. This will include:</p> <ul style="list-style-type: none"> • 2 samples for gas analysis from both the inlet and outlet of the biogas clean up plant. There must be a gap of at least 7 days between the 2 sampling exercises and the suite of analysis should include those determinants supplied in Appendix E of the variation application as a minimum • Using the results from that monitoring exercise, the Operator shall carry out an environmental impact assessment of the releases to air from A20. The impact assessment shall use representative release data, obtained through the monitoring exercises, and the H1 tool, or other appropriate assessment method. • Temperature results from the exhaust gas from the siloxane condensate stack • Any complaints, incidents or releases • Any breakdown, operational problems and remedial action • Monitor condition of the engine oil to highlight contaminant trends, in particular to examine concentration of siloxanes within the oil <p>It is likely that once the Agency have reviewed this report, we will set emission limits for A20 and a monitoring frequency</p>	4 months from the date of commencement of operation

4. Table S4.1 in schedule 4 shall be amended to include

Table S4.1 Point source emissions to air – emission limits and monitoring requirements						
Emission point ref. & location	Parameter	Source	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method (see Note 1)
A20 as detailed on Figure 6 of the variation application (dated 17/11/08)	Temperature of exhaust gas	Siloxane Condensate Stack	Maximum 30°C	Continuous	Continuous during plant regeneration	Thermocouple and continuous recorder

5. Table S4.3 in schedule 4 shall be amended to include

Table S4.3 Point source emissions to sewer, effluent treatment plant or other transfers off-site– emission limits and monitoring requirements

Emission point ref. & location	Parameter	Source	Limit (incl. Unit)	Reference period	Monitoring frequency	Monitoring standard or method
PDS30 (locations as indicated Figure 12B, submitted as part of the variation application)	-	Biogas Treatment Plant	-	-	-	-

6. Table S5.1 in schedule 5 shall be amended to include

Table S5.1 Reporting of monitoring data

Parameter	Emission or monitoring point/reference	Reporting period	Period begins
Temperature of exhaust gas from the Siloxane Condensate Stack	A20	Annual	01/01/09

Associated reporting form amended to reflect the change in table S5.1, these are attached to the variation notice

Schedule 3 – conditions to be added

None