

Permit Number: EPR/AP3139FT

Operator: Dwr Cymru Cyfyngedig

Facility: Five Fords WwTW CHP Facility

Form Number: Performance1 / 27/01/2017

Reporting of other performance indicators for the period 01/01/2016 to 31/12/2016

Parameter	Units
Fuel input to installation (biogas)	3,783,744.63 m ³
Fuel input to installation (Natural Gas)	158,299 m ³ or 106 Tonnes
CHP engine efficiency	35 %
Hours of operation for both engines and hours that engines operated in CHP mode	8,741 Hours all CHP mode
Hours run on biogas (boiler)	0 Hours
Hours run on Natural gas (boiler)	6,466 Hours
Operational hours of waste gas burner	38 h <10% of time < 876 Hours
Biogas burnt by waste gas burner	7,834 m ³

Operator's comments :

There are ongoing investigations and a revised H1 assessment forthcoming to identify the significance of the breaches of VOC permit conditions. It is Welsh Water's position that the breaches are outside of our control as the high VOCs are due to the contents of the incoming sludge, which DCWW has no control over, and the operation of the engines which are performing as engines of this size would be expected.

Date 27/01/2017

Signed
(Authorised to sign as representative of Operator)

ANDREW DIXON
ENERGY OPS MANAGER (GENERATION)

Permit Number: EPR/AP3139FT

Operator: Dwr Cymru Gyfyngedig

Facility: Five Fords WwTW CHP Facility

Form Number: Performance2 / 27/01/2017

Reporting of other performance indicators for the period 01/01/2016 to 31/12/2016

Parameter	Units
Electrical energy generated	3232.4 MWh
Thermal energy generated	644.7 MWh
Biomethane fed into National Grid	739.0 Tn

Signed Date 27/01/2017

(Authorised to sign as representative of Operator)

ANDREW DIXON
ENERGY OPS MANAGER (GENERATION)