

Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Solutia UK Limited

**Cefn Mawr (Former Flexys 'Ruabon'
Works)
Wrexham
LL14 3SL**

Variation number

EPR/NP3335GR/V010

Permit number

EPR/NP3335GR

Cefn Mawr (former Flexys 'Ruabon' Works)

Permit number EPR/NP3335GR

Introductory note

This introductory note does not form a part of the notice.

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

This is a permit variation following the publication of the revised Best Available Techniques (BAT) Reference Document (BRef) Waste Treatment. The associated BAT conclusions to this document were published on the 17 August 2018 in the Official Journal of the European Union.

This variation incorporates the changes required by the Industrial Emissions Directive following a statutory review of permits in the Waste Treatment sector. These include the amendment of the wording of several permit conditions relating to notifications, changes to emission limits and monitoring requirements. The interpretation section of the permit has also been updated and the opportunity has been taken to consolidate the original permit and subsequent variations.

We are satisfied that the operator will be compliant with the published BAT conclusions which will apply from 17 August 2022.

The rest of the installation is unchanged and continues to be operated as follows:

Solutia UK Limited operate three carbon filtration units to treat groundwater which is abstracted for reasons of slope stability and to prevent the escape of groundwater, which contains iron and organic compounds, to surface water via other routes. Groundwater is abstracted from two de-watering boreholes and two collection sumps before being passed through the carbon filtration units for treatment. The function of the carbon filtration units is to absorb trace plant-related organic compounds in the groundwater and they don't act to remove iron. Solutia UK Limited also operate a Groundwater and Stormwater Storage Facility (GSSF). This facility receives water from two sources: (i) treated groundwater from the carbon filtration units; and (ii) rainwater collected by the site's surface water drainage system. Both sources of water are transferred to the GSSF via pipeline, where they are combined and held in storage tanks before being discharged to the River Dee via pipeline.

The schedules specify the changes made to the permit. Schedule 1 of the notice specifies the conditions that have been varied and Schedule 2 comprises a consolidated permit which reflects the changes being made.

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 BQ4173	Received 14/08/03	
Additional information	Received Nov.03- Jan.04	Further Site Report information
Additional information	Received 16/12/03	Releases to air
Additional information	Received 11/12/03, 09/01/04	Hertel Services lease & location
Additional information	Received 30/01/04	Units and minor operational changes
Additional information	Received 05/03/04	Impact of released copper from Syton ion-exchange unit
Additional information	Received 05/03/04	Site plan
Additional information	Received 23/03/04, 01/04/04	Cadmium and Mercury in effluent
Permit BQ4173 determined	13/04/04	
Variation DP3232MG	Received 11/12/06	
Additional information	Received 26/02/07, 26/02/07, 16/03/07	H2S abatement and limits
Additional information	Received 07/03/07	Waste Water Treatment Plant operation
Additional information	Received 14/05/07	Drg.88CO1027 (revB)
Variation DP3232MG determined	24/05/07	
Transfer EPR/NP3335GR/T001	Received 22/10/08	
Transfer EPR/NP3335GR/T001	Effective 23/12/08	
Variation application EPR/NP3335GR/V002 received	29/11/08	
Additional information received	03/12/08	Abstractor meeting notes
Additional information received	08/12/08	Fish toxicity of organic chemicals
Additional information received	12/12/08	Effluent monitoring
Additional information received	17/12/08	Drg. 88/C01/048 and Taste & Odour

Additional information received	22/12/08	Water testing and GCMS
Additional information received	12/01/09	Analytical methods BS numbering and updated Part A form
Additional information received	14/01/09	Site organisation – Spring 2009
Variation EPR/NP3335GR/V002 determined	19/01/09	
Application EPR/NP3335GR/T003 (partial transfer of permit EPR/NP3335GR)	Duly Made 08/06/09	
Environment Agency request to extend determination date to 01/09/09	17/07/09	
Additional information received	20/07/09	Revised drg. 88C01050 (rev.1) & new cover letter extending transfer area
Extension request agreed	22/07/09	
Schedule 5 Request for further information	Sent 04/08/09	
Additional Information Received	06/08/09	Response to Schedule 5 Notice
Partial transfer determined EPR/NP3335GR	31/08/09	
Environment Agency Led Variation EP3035TW (EPR/NP3335GR/V004), initiated	30/03/10	
Variation Notice EPR/NP3335GR/V004 issued	01/04/10	
Application EPR/NP3335GR/S005 (partial surrender of permit EPR/NP3335GR)	Duly Made 05/05/10	
Partial Surrender Notice EPR/NP3335GR/S005 issued	03/11/10	
Environment Agency Led Variation (EPR/NP3335GR/V006) initiated	31/07/12	Emission limit for Fe discharge from the outlet of the carbon filters reversed to an objective level

Environment Agency Led Variation determined EPR/NP3335GR/V006 Permit EPR/NP3335GR	26/10/12	Varied permit issued
Agency variation determined EPR/NP3335GR/V007	25/03/13	Agency variation to implement the changes introduced by IED
Application EPR/MP3335GR/V008 (variation and consolidation)	Duly made 11/12/14	Application to vary and update the permit to modern conditions
Variation determined	23/06/15	Varied and consolidated permit issued in modern condition format
Application EPR/NP3335GR/V009	Duly made 06/11/17	Minor technical variation to puncture the secondary trough & sump to allow rainwater to soak naturally to ground.
Variation determined	28/11/17	Varied permit issued
Regulation 61 Notice sent to the Operator	05/04/19	Issue of a Notice under Regulation 61(1) of the EPR. Natural Resources Wales initiated review and variation to vary the permit following the publication of the revised Best Available Techniques (BAT) Reference Document (BRef) for Waste Treatment.
Regulation 61 Notice response	30/09/19	Response received from the operator.
Additional information received	11/11/20	Response from operator to RFI sent 26/08/20
NRW Initiated Variation determined EPR/NP3335GR/V010	28/07/21	Varied and consolidated permit issued.

End of introductory note

Notice of variation and consolidation

The Environmental Permitting (England and Wales) Regulations 2016

The Natural Resources Body for Wales (“Natural Resources Wales”) in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2016 varies and consolidates

Permit number

EPR/NP3335GR

issued to

Solutia UK Limited (“the operator”)

whose registered office is

Corporation Road

Newport

South Wales

NP19 4XF

company registration number **03295486**

to operate an installation at

Cefn Mawr (former Flexys ‘Ruabon’ Works)

Wrexham

LL14 3SL

to the extent set out in the schedules.

The notice shall take effect from 28/07/2021

Signed

Date

Holly Noble	28/07/2021
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Authorised on behalf of Natural Resources Wales

Schedule 1

All conditions have been varied by the consolidated permit as a result of a Natural Resources Wales initiated variation.

Schedule 2 – consolidated permit

Consolidated permit issued as a separate document.