

# Schedule 5 – Notification

These pages outline the information that the operator must provide.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the EP Regulations.

## Part A

|                                |                       |
|--------------------------------|-----------------------|
| Permit Number                  | EPR/FP3232KG          |
| Name of operator               | Dwr Cymru Welsh Water |
| Location of Facility           | Cardiff WwTW          |
| Time and date of the detection | 15/12/2020 at 16:37   |

|                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>To be notified within 24 hours of detection</b>                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Date and time of the event                                                                                                                                                                                                                          | 15/12/2020                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Reference or description of the location of the event                                                                                                                                                                                               | Emission point B as defined in permit.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Description of where any release into the environment took place                                                                                                                                                                                    | No unusual releases identified.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Substances(s) potentially released                                                                                                                                                                                                                  | No abnormal releases have occurred, this submission is identifying there <i>may</i> be abnormal releases arising from operational issues with the Waste Gas Burner – emission point B as defined in the permit.                                                                                                                                                                                                                                                                                                                                     |
| Best estimate of the quantity or rate of release of substances                                                                                                                                                                                      | Not possible to state – no abnormal releases yet noted                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Measures taken, or intended to be taken, to stop any emission                                                                                                                                                                                       | A Contractor will be attending site 16/12/2020 to specify a replacement Waste Gas Burner following deterioration of heat shielding. A temporary Waste Gas Burner will be procured and hired to operate whilst repairs effected to existing stack.                                                                                                                                                                                                                                                                                                   |
| Description of the failure or accident.                                                                                                                                                                                                             | Waste Gas Burner (point B on permit) has deteriorated and thermal shielding within stack is deteriorating. A repair had been planned for installation in January 2021, however rate of wear is perceived to have increased and a temporary Waste Gas Burner will be installed to ensure continued combustion of any surplus biogas. Waste Gas Burner biogas flow rate manually restricted to reduce wear on stack lining. In the meantime there is the potential for biogas to be released from pressure relief valves as stipulated in the permit. |

| <b>(b) Notification requirements for the breach of a limit</b>                      |                                                                                                                         |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| <b>To be notified within 24 hours of detection unless otherwise specified below</b> |                                                                                                                         |
| Emission point reference/ source                                                    |                                                                                                                         |
| Parameter(s)                                                                        |                                                                                                                         |
| Limit                                                                               |                                                                                                                         |
| Measured value and uncertainty                                                      |                                                                                                                         |
| Date and time of monitoring                                                         |                                                                                                                         |
| Measures taken, or intended to be taken, to stop the emission                       | Not expected to breach an emission limit, DCWW reporting potential for biogas to be vented, not that biogas has vented. |

Permit number  
EPR/WP3630WV/A001

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| Time periods for notification following detection of a breach of a limit |                     |
|--------------------------------------------------------------------------|---------------------|
| Parameter                                                                | Notification period |
|                                                                          |                     |
|                                                                          |                     |
|                                                                          |                     |

| <b>(c) Notification requirements for the detection of any significant adverse environmental effect</b> |                                                                                                                                           |
|--------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>To be notified within 24 hours of detection</b>                                                     |                                                                                                                                           |
| Description of where the effect on the environment was detected                                        | No adverse environmental effects detected. DCWW highlighting potential for odour to arise from release of biogas though this is unlikely. |
| Substances(s) detected                                                                                 |                                                                                                                                           |
| Concentrations of substances detected                                                                  |                                                                                                                                           |
| Date of monitoring/sampling                                                                            |                                                                                                                                           |

## Part B – to be submitted as soon as practicable

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|--------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Any more accurate information on the matters for notification under Part A.                                                                            |  |
| Measures taken, or intended to be taken, to prevent a recurrence of the incident                                                                       |  |
| Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission |  |
| The dates of any unauthorised emissions from the facility in the preceding 24 months.                                                                  |  |

|                  |                                        |
|------------------|----------------------------------------|
| <b>Name*</b>     | Andrew Dixon                           |
| <b>Post</b>      | Energy Operations Manager (Generation) |
| <b>Signature</b> | Andrew Dixon                           |
| <b>Date</b>      | 15/12/2020                             |

\* authorised to sign on behalf of the operator