

Compliance Assessment Report CAR_NRW0039319

Permit being assessed: BU2357IP.

For: Mostyn Chemical Works, held by Mostyn Chemical Works

At: Warwick Chemicals Dock Road , Mostyn, HOLYWELL, Clwyd, CH8 9HE.

Type of assessment carried out: Report/Data Review, Reason: Routine.

On 30/12/2021.

Parts of permit assessed: Emissions Monitoring

NRW Lead Officer: Stuart Ross.

Report sent to: Peter Bryant, HSE Manager on 22/02/2022.

1. Summary of our findings (full details in section 4)

Part of permitted activity assessed (criteria)	Assessment result	Permit condition
E1 - Emissions - Air	C3 Minor	2.2.1.2
E1 - Emissions - Air	C3 Minor	2.2.1.2
E1 - Emissions - Air	C3 Minor	2.2.1.2
E1 - Emissions - Air	C3 Minor	2.2.1.2
E3 - Emissions - Surface water	Assessed (A)	
G1 - Monitoring and Records, Maintenance and Reporting - Monitoring of emissions and environment	Assessed (A)	
G4 - Monitoring and Records, Maintenance and Reporting - Reporting and notification to Natural Resources Wales	C4 No impact	4.1.2
G4 - Monitoring and Records, Maintenance and Reporting - Reporting and notification to Natural Resources Wales	C3 Minor	5.1.1

Result types are explained in more detail in the 'Important Information' section below.

Total number of non-compliances recorded	Total non-compliance score
6	20.1

How we use the non-compliance score to calculate your annual fee is explained in the 'Important Information' section below.

2. What action is required?

Criteria	Action needed	Complete by
E1	Refer details section	31/03/2022
E1	Refer details section	31/03/2022
E1	Refer details section	31/03/2022
E1	Refer details section	31/03/2022
G4	Refer details section	31/03/2022

Criteria	Action needed	Complete by
G4	Refer details section	31/03/2022

Action criteria codes are listed in the 'Important information' section below.

3. What will happen next?

Any non-compliance we have identified and recorded on this form is an offence. It can result in criminal prosecution and/or suspension or revocation of your permit.

You are non-compliant with your permit.

At this time, we are issuing you with a warning for the non-compliance recorded above. Warnings may influence future enforcement response for continued or further non-compliance.

This statement does not stop us from taking additional enforcement action if further relevant information comes to light or offences continue.

4. Details of our assessment

This Compliance Assessment Report follows a review of routine emissions monitoring returns for the period July - December 2021 and 2021 (annual reports).

As per recent correspondence, a significant number of routine emissions monitoring data and associated annual returns have been received late this period. This is in breach of permit condition 4.1.2 and attracts a non compliance score of 4.

Action 1 - Ensure returns are submitted to NRW in accordance with the timescales set out in the permit. With immediate effect.

1. Emissions to Water

All emissions monitoring data supplied as required, emission within permitted limits for this monitoring period.

N.B as per the most recent site inspection, a review of hydrocarbon analysis frequency will be discussed / completed separately.

2. Emissions to Air

Emission Points A2, A3, A5, A6, A7, A20, A22, A23 & A24 (Acetic acid)

Emissions were compliant during this monitoring period, annual mass emissions for 2021 also compliant.

Emission Points A14, A17, A18, A19 & A21 (NOx)

Annual mass emissions for 2021 - compliant.

Emission Points A17, A18, A19 & A21

Annual monitoring for NO_x & CO - compliant.

Emission Point A14

A review of Continuous Emissions Monitoring data for this period has identified a number of Emission Limit Value (ELV) non-compliances:

July - September

NO_x daily average ELV (400mg/m³) exceeded 26 & 29 July & 2, 20, 21 August.
CO half hourly average ELV (100mg/m³) exceeded 22 August & 6 September.
TOC half hourly average ELV (20mg/m³) exceeded 2, 4, 5, 6 & 17 September.
TOC daily average ELV (10mg/m³) exceeded 17 September.

These emission limit exceedances have the potential for minor environmental impact and a non compliance score of 3 applies to each determinand for this quarter (3x CCS3 applied).

October - December

NO_x daily average ELV (400mg/m³) exceeded 2 November & 13 December (1 x CCS3 applies for this quarter).

Notification of the emission limit exceedances detailed above were not received by NRW contrary to the requirements of permit condition 5.1.1. This attracts a non compliance score of 3.

Action 2 - Submit notifications as required by permit condition 5.1.1 for the above exceedances of emission limit value by 31/03/22.

Action 3 - Review procedures to ensure emission limit exceedances are reported to NRW in accordance with permit condition 5.1.1

Extractive monitoring data is compliant against the emission limit values. Dioxin measurements for this period are missing.

Action 4 - Provide NRW with the outstanding dioxin monitoring data for this period by 31/03/22.

3. Annual Returns

Annual Reports for Water usage, Energy usage and waste disposal / recovery received.

Form Performance 1 received.

Report on annual improvement targets (2021) received as required by condition 4.1.5.

No significant issues noted.

4. Fly Ash & Bottom Ash Composition

Nil returns supplied - no ash produced.

--

If you have any queries about this report, or to discuss completion of any actions, please contact the NRW Officer named above.

Important information

Legal status of this report

Your permit is issued to you under the Environmental Permitting Regulations. You have a responsibility to comply with the conditions of your permit and prevent pollution/harm of the environment. You must also ensure that you comply with any other relevant legislation that may apply to your site's operations.

This report explains the findings of our assessment and any action you are required to take. We categorise non-compliance using our guidance for assessing non-compliance at regulated sites.

When we find potential non-compliance/s we will normally give you advice on how to maintain compliance.

To correct non-compliance, we may:

- require you to take specific actions
- issue a notice
- review the conditions of your permit.

Any advice and guidance we give will be without prejudice to any other enforcement response that we consider may be required.

Assessment results and non-compliance categories (used in section 1):

Assessment result	Description
Assessed (A)	Assessed or assessed in part, no evidence of non-compliance found
Action only (X)	Action only relating to the activity assessment
Ongoing (O)	Ongoing non-compliance, not scored

Non-compliance category	Description	Score
C1 Major	Potential to have a major, serious, persistent and/or extensive impact or effect on the environment, people and/or property	60
C2 Significant	Potential to have a significant impact or effect on the environment, people and/or property	31
C3 Minor	Potential to have a minor or minimal impact or effect on the environment, people and/or property	4
C4 No environmental impact	Non-compliance at a regulated site that cannot foreseeably have any impact on the environment, people and/or property	0.1

How we use assessment scores

The number and severity of non-compliances recorded in a year will affect your annual subsistence fee the following year. A non-compliance factor is added to your site's Operator

Performance Risk Appraisal (OPRA) score when we calculate your fee to reflect the additional resource we use to assess permit compliance.

What are suspended scores?

In line with our guidance, we may suspend scores for up to six months to allow time for remedial action to be taken. Suspended scores will be re-instated if the action is not completed.

Full list of Industry and Waste action criteria (used in section 1 and 2):**A: Permitted activities**

- A1 Specified by permit

B: Infrastructure

- B1 Infrastructure – Engineering for prevention and control of emissions
- B2 Infrastructure – Closure and decommissioning
- B3 Infrastructure – Site drainage engineering (clean and foul)
- B4 Infrastructure – Containment of stored materials
- B5 Infrastructure – Plant and equipment

C: General management

- C1 General management – Staff competency/training
- C2 General management – Management system and operating procedures
- C3 General management – Materials acceptance
- C4 General management – Storage, handling, labelling and segregation

D: Incident management

- D1 Incident management – Site security
- D2 Incident management – Accidents, emergency and incident planning

E: Emissions

- E1 Emissions – Air
- E2 Emissions – Land and groundwater
- E3 Emissions – Surface water
- E4 Emissions – Sewer
- E5 Emissions – Waste

F: Amenity

- F1 Amenity – Odour
- F2 Amenity – Noise
- F3 Amenity – Dust/fibres/particulates and litter
- F4 Amenity – Pests/birds and scavengers
- F5 Amenity – Deposits on road

G: Monitoring and records, maintenance and reporting

- G1 Monitoring and records, maintenance and reporting – Monitoring of emissions and environment
- G2 Monitoring and records, maintenance and reporting – Records of activity, site diary/journal/events
- G3 Monitoring and records, maintenance and reporting – Maintenance records
- G4 Monitoring and records, maintenance and reporting – Reporting and notification to Natural Resources Wales

H: Resources efficiency

- H1 Resource efficiency – Efficient use of raw materials
- H2 Resource efficiency – Energy efficiency

Enforcement response

Any permit condition non-compliance is an offence and we may take legal action against you. Action we take can include prosecution, serving a notice on you and/or suspension or revocation of your permit. See our Enforcement and Sanctions Guidance for further information.

Data protection notice

You should make sure that anyone named in this report knows that the information it contains will be processed by Natural Resources Wales to fulfil its regulatory and monitoring functions and to maintain the relevant public register(s).

We may also use and/or disclose the report in connection with:

- offering or providing you with our literature or services relating to environmental matters
- consulting with the public, public bodies and other organisations (e.g. Health and Safety Executive, local authorities) on environmental issues
- carrying out statistical analysis, research and development on environmental issues
- providing public register information to enquirers
- investigating possible breaches of environmental law
- assessing customer service satisfaction and improving our service
- Freedom of Information Act or Environmental Information Regulations requests.

We may also pass it on to our agents or representatives to do these things on our behalf.

Disclosure of information – this report will be available to view on-line

If you think this report contains commercially confidential information that should not be placed on our public register, you must contact your local Natural Resources Wales office within **fifteen working days** of receiving this report, using the contact details in the accompanying email or letter. You must give a full explanation of why it should not be added to our public register, including specifying which information is commercially confidential. We will assess your request and respond to you within 20 working days to let you know if we agree to your request.

What do I do if I disagree with the report or have a complaint?

If you disagree with this compliance assessment report, you should contact the lead officer without delay to discuss your concerns.

If you are unable to resolve the issue with the lead officer or their line manager you should contact our Customer Contact team on 0300 065 3000 (Monday to Friday 08:00 – 18:00), or email enquiries@naturalresourceswales.gov.uk for details of how to raise your dispute further through our Complaints and Commendations procedure.

If you are dissatisfied with our response, you can contact the Public Services Ombudsman for Wales by phone on 0300 7900203 or by email at ask@ombudsman.wales

Welsh Language Standards

We are committed to establishing Natural Resources Wales as a naturally bilingual organisation. We will provide compliance reports in your preferred language.