

Compliance Assessment Report CAR_NRW0051596

Permit being assessed: YP3937SH.

For: Amex Park, **held by:** Mekatek Limited

At: Llanstephan Road, Johnstown, SA31 3NF.

Type of assessment: Site Inspection,

Reason: Routine.

On: 13/04/2026 between 10:30 and 13:20.

Parts of permit assessed: Management, Operations, Emissions and Monitoring, Information.

NRW Lead Officer: Elliot Jones, accompanied by Benjamin Taylor.

Report sent to: Technical and Compliance Director, Mekatek Ltd, on 13/05/2026.

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

Part of permitted activity assessed (compliance criteria)	Assessment result	Permit condition
IR2A - Installations - Operations - Permitted activities	Assessed (A)	
IR3A(1) - Installations - Emissions and monitoring - Emissions to water	Assessed (A)	
IR2E - Installations - Operations - Improvement programme	Action only (X)	
IR3C - Installations - Emissions and monitoring - Odour	Assessed (A)	

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

Total non-compliances recorded	Total non-compliance score
0	0

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
IR2E	Submit the screening test results and supporting monitoring and modelling evidence, as required under Improvement	15/06/2026

Criteria	Action needed	Complete by
	Condition 35, for NRW review.	

Compliance 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.

At this time, we do not intend to take any further action.

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

Introduction

This Compliance Assessment Report summarises the observations and findings of Natural Resources Wales (NRW) officers following a routine site inspection carried out on 13 April 2026 at Mekatek Limited, Llanstephan, Carmarthen. The inspection was undertaken to assess the operator's compliance with the conditions of Environmental Permit EPR/YP3937SH, which authorises hazardous waste treatment activities at the site operated by Mekatek Ltd.

The inspection included a general review of site operations in line with the permitted activities, including inspection and ad hoc sampling of the site's permitted discharge to the River Tywi.

Attendees

- Elliot Jones, Senior Regulation Officer, NRW
- Ben Taylor, Senior Regulation Officer, NRW
- Technical and Compliance Director, Mekatek Ltd

Improvement Conditions (IC)

Following frequent changes to the site's regulatory officers in recent years, NRW officers sought to discuss with the operator the status of the improvement conditions listed in the environmental permit following the waste treatment BREF review in 2021.

By discussing the ICs chronologically and reviewing previous compliance assessment reports, it is accepted that the vast majority of the ICs have been completed and discharged.

IC35 requires the operator to undertake screening tests for hazardous pollutants and modelling predictions for any parameters not screened out.

While there is minimal recorded correspondence regarding IC35, it remains unclear whether the required monitoring results from the screening tests and the modelling outputs

have been submitted to NRW for review.

Action: Submit the screening test results and supporting monitoring and modelling evidence, as required under Improvement Condition 35, for NRW review.

Effluent Treatment Plant (ETP)

Regulatory officers were provided with a walkthrough of the Effluent Treatment Plant (ETP), covering the full treatment process. The treatment process appeared to be operating satisfactorily. During the inspection no tanker deliveries or offloading occurred.

The Dissolved Air Flotation (DAF) unit is currently being operated on an ad hoc basis rather than continuously, due to operational cost considerations. While operational costs are cited as a limiting factor in running the DAF for extended periods. As per previous site inspections NRW emphasises the importance of achieving permit compliance and mitigating risks of environmental harm to sensitive receptors.

Officers inspected the DAF sludge filter cake area, since the previous inspection in May 2025 the method of exporting and removing the filter cake offsite has altered. Previously waste sludge exited the DAF conveyor and was deposited directly to the floor of the bunker area, sludge is now deposited directly in bulk bags for onward travel and disposal at a hazardous landfill. Screening panels have been introduced to the Southwestern side of the DAF sludge area, minimising wind interaction.

During the site walkthrough localised odours were detected in the DAF and distribution areas of the treatment process. While these odours were distinct, they were not considered to be offensive at the time of inspection.

The refrigeration unit used to house the discharge composite sample was inspected and confirmed to be operational. NRW officer reviewed an inspection log sheet located in the pump house. Log sheet records fridge temperature, composite sample volume, air compressor pressure, along with multiple other routine checks that allow the operator to confirm the autosampler is functioning appropriately and that the composite sample is being collected and stored as per requirements.

Laboratory Inspection

Officers visited the on-site laboratory, where the operator undertakes internal analysis of the permitted discharge and samples collected throughout the ETP process for operational performance checks. The laboratory was clean and well maintained. A laboratory operative was present and provided a concise but comprehensive overview of the analytical equipment in use. The operator confirmed that analysers had been serviced and calibrated in line with manufacturer requirements.

Emission Point W1 (Outfall to River Tywi)

Officers inspected emission point W1, located at the outfall to the River Tywi, situated beyond the permitted site boundary. At the time of inspection (12:25pm), the discharge was active, no visible signs of discolouration or detectable odours were observed at the

discharge location. Tide height was low meaning the discharge was falling from a significant height prior to merging with the river, for this reason the discharge appeared considerably aerated which quickly dispersed.

Illustrations attached below indicate the condition of the discharge at the time of sample retrieval and also the sample collected.



Sample Results

The analytical results of the effluent sample collected at 12:25pm on 13th April 2026 are summarised below:

Parameter	Result
BOD (ATU) (mg/l)	5.44
COD as O ² (mg/l)	133
Ammonia (as N) (mg/l)	3.83
Nitrate - N (mg/l)	10.83
Nitrite – N (mg/l)	0.27
Oxidised Nitrogen (mg/l)	11.1
Inorganic Nitrogen (mg/l)	14.93
Suspended Solids (mg/l)	17.5
Chloride (mg/l)	536
Orthophosphate (mg/l)	<0.5*
Discharge Temperature °C	12.6
pH	6.99
Salinity (ppt)	0.62

Conductivity @25°C	1241
Visible Oil & Grease	No
Cadmium (ug/l)	0.1
Chromium (ug/l)	10.4
Copper (ug/l)	3.34
Lead (ug/l)	2.42
Nickel (ug/l)	32.4
Zinc (ug/l)	43.2

*Analysis result below Laboratory Lower Quantification Limit

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 required for the permit condition assessed to avoid non-compliance. No non-compliance scored at this time
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.

If your assessment result in Section 1 is suspended, what does this mean?

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 compliance criteria (used in section 1 and 2):**1. Management**

- IR1A – General management
- IR1B – Finance (only applicable to Landfill)
- IR1C – Energy efficiency
- IR1D - Efficient use of raw materials
- IR1E - Avoidance, recovery and disposal of wastes produced by the activities
- IR1F - Multiple operator installations

2. Operations

- IR2A – Permitted activities
- IR2B – The site
- IR2C – Operating techniques
- IR2D – Technical requirements
- IR2E – Improvement programme
- IR2F – Pre-operational conditions
- IR2G – Landfill engineering (only applicable to Landfill)
- IR2H – Waste acceptance (only applicable to Landfill)
- IR2I – Leachate levels (only applicable to Landfill)
- IR2J – Closure and aftercare (only applicable to Landfill)
- IR2K – Landfill gas management (only applicable to Landfill)

3. Emission and Monitoring

- IR3A(1) – Emissions to water
- IR3A(2) – Emissions to air
- IR3A(3) – Emissions to land
- IR3B – Emissions of substances not controlled by emission limits
- IR3C – Odour
- IR3D – Noise and vibration
- IR3E – Monitoring
- IR3F – Pests
- IR3G – Air quality management plans
- IR3H – Monitoring for the purposes of the Industrial Emissions Directive (this heading includes Large Combustion Plants)
- IR3I – Fire

4. Information

- IR4A – Records
- IR4B – Reporting
- IR4C – Notification

Enforcement response

Any non-compliance with a permit condition 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 twenty working days to let you know if we agree to your request.

Disputing the Content of this Compliance Assessment Report Form

If you disagree with the content of this Compliance Assessment Report form, you should submit your concerns, in writing, to the regulating officer who issued it within **15 working days** of its issue. This will be treated as a **Stage 1 review**.

If you are not satisfied with the outcome of the stage 1 review, you may request a **Stage 2 appeal**. This request must be submitted **within 21 working days** of receiving the response from the stage 1 review.

Further details on our review and appeal process are available at: [Natural Resources Wales / Appeal a regulatory decision from Natural Resources Wales](#)

Concerns Not Related to the Content of this Compliance Assessment Report Form

If your concerns do not relate to the content of the Compliance Assessment Report form, you should first attempt to resolve the issue with the regulating officer or their line manager.

If the issue remains unresolved, please contact our **Customer Contact Team**:

- **Telephone:** 0300 065 3000 (Monday to Friday, 09:00–17:00)
- **Email:** enquiries@naturalresourceswales.gov.uk

They will provide details on how to escalate your concerns through our **Complaints and Commendations procedure**.

If you are dissatisfied with our response, you may contact the **Public Services Ombudsman for Wales**:

- **Telephone:** 0300 790 0203
- **Email:** 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.