

Compliance Assessment Report CAR_NRW0039974

Permit being assessed: XP3833UB.

For: East Bank Road Facility, held by G D Environmental Services Ltd

At: Unit 18a & 19 East Bank Road , Felnex Industrial Estate, Newport, South Wales, NP19 4PP.

Type of assessment carried out: Site Inspection, Reason: Routine.

On 27/05/2022 between 10:30 and 15:00.

Parts of permit assessed: IC compliance; site inspection; new activity

NRW Lead Officer: Rebecca Green, accompanied by Luke Burton.

Report sent to: Claire Higgins, HR & Compliance Manager on 01/06/2022.

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

Part of permitted activity assessed (criteria)	Assessment result	Permit condition
A1 - Specified by permit	Action only (X)	
B1 - Infrastructure - Engineering for prevention and control of emissions	Assessed (A)	
B3 - Infrastructure - Site drainage engineering (clean and foul)	Assessed (A)	
B4 - Infrastructure - Containment of stored materials	Assessed (A)	
B5 - Infrastructure - Plant and equipment	Assessed (A)	
C2 - General Management - Management system and operating procedures	Assessed (A)	
H2 - Resource Efficiency - Energy efficiency	Assessed (A)	
E5 - Emissions - Waste	Assessed (A)	

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

Total number of 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
A1	Complete improvement conditions and actions as detailed in the body of the report.	12/08/2022

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.

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

The purpose of this meeting was to review G D Environmental's (GDE) progress with the improvement conditions in V009 of their EPR permit and to discuss the new treatment process installed at the East Bank Road installation.

The meeting took place on 27th May 2022.

Agenda

1. IPC 16 and IPC 22
 - Biological Oxygen Demand (BOD) analysis;
 - Hydrocarbon Oil Index (HOI) analysis;
 - Proposed monitoring regime from 17th August 2022.
2. IPC 17 Monitoring procedure
 - Determinands;
 - Frequency;
 - MCERTS.
3. IPC 19 Waste Treatment Procedure
 - OP009 complies.
4. IPC 20 Energy Efficiency Plan
 - Targets;
 - Measuring performance;
 - Periodic review;
 - Reporting.
5. IPC 21 Residues Management Plan
 - Waste treatment residues.
6. IPC 23
 - Unnecessary, no substances of concern identified.
7. AOB, then travel to East Bank Road.
8. IPC 18 (at East Bank Rd)
 - Design specification, impermeable surface;
 - Impermeable surface, condition;
 - Roofing of outside storage areas.

Review and close.

Present:-

OH, Director, GDE;

MW, Operations Manager, GDE;

CH, HR & Compliance Manager, GDE;

GG, Treatment Plant Manager, GDE;

Luke Burton, Senior Officer, Industry Regulation South East (IR SE), Natural Resources Wales (NRW);

Rebecca Green, (Site Officer), Senior Officer, IR SE, NRW.

Business Update

GDE are no longer taking landfill leachate for treatment.

Lee Meredith is stepping back from the company but will still be available as a consultant, should the need arise.

1. IPC 16 and IPC 22 (BAT 3, BAT 7 and BAT 52 apply)

GDE still need to submit analytical results for biological oxygen demand (BOD) and hydrocarbon oil index (HOI). BOD analysis was requested as part of the original suite of determinands but no results were received.

Action 1: GDE to take three lots of weekly samples of the input for BOD analysis and of the output for HOI analysis. NRW to receive the results as soon as they are available.

Once these analysis results have been received and assessed NRW will finalise the monitoring requirements to be carried out from 17th August 2022. Requirements will be confirmed in a separate CAR form.

GDE are reminded that sampling and analysis after 17th August 2022 must be carried out by MCERTS accredited personnel and UKAS accredited laboratories. The laboratory that they use at present is accredited to analyse all the required determinands in trade effluents.

2. IPC 17 Monitoring Procedure (BAT 7 applies)

Action 2: Write a monitoring procedure for the S1 discharge, including, as a minimum, sampling method and frequency, what is to be analysed and the requirements for the analytical laboratory. The procedure to be sent to NRW for review as soon as it is written.

3. IPC 19 Waste Treatment Procedure (BAT20 applies)

OP009, submitted by GDE, complies. **IPC 19 is complete and can be closed.**

4. IPC 20 Energy Efficiency Plan (BAT 23 applies)

The document submitted by GDE does not comply with the BAT requirements.

It must include targets, how performance will be measured (monitoring), periodic review and reporting. It does not need to include an energy balance record because GDE are low energy users.

Action 3: Write an energy efficiency plan compliant with the requirements of BAT 23. NRW to receive the plan for review as soon as it is written.

5. IPC 21 Residues Management Plan (BAT 24 applies)

The document submitted by GDE does not comply with the BAT requirements. It does not include residues from the waste treatment processes.

It should identify the source of each residue and its disposal route. A flow diagram may be the simplest way of demonstrating compliance.

Action 4: Write a residues management plan compliant with the requirements of BAT 24. NRW to receive the plan for review as soon as it is written.

6. IPC 23 H1 Assessment

Since no substances of concern were identified in either the waste inputs or the discharge from the waste treatment processes, GDE do not need to carry out an H1 assessment. **IPC 23 can therefore be closed.**

7. AOB

A new wash plant has been installed and will require a permitting decision before it can be used in

production. It is designed to clean street cleaning residues and separate them into their different fractions. RVG will seek guidance from permitting and then arrange another visit to discuss the matter more fully.

GDE will be installing solar panels at Nash Road to supply energy to their operations on the Felnex Industrial Estate.

8. IPC 18 Impermeable Surfaces and Covered Areas (BAT 19 applies)

Compliance with this improvement condition was assessed on site at the East Bank Road installation.

The site has undergone extensive infrastructure improvements. The impermeable surface has been extended significantly, new storage bays and a new pit for receiving waste have been constructed. Neither the engineering report for the bunds nor the concrete specification were available. The waste storage areas have not been roofed but the roof has been assembled and is ready to install. These improvements mean that the site plan (Schedule 7 in the permit) is out of date.

Action 5: Send the engineering report for the bunds and the concrete specification to NRW as soon as possible.

Action 6: Send photos of the storage areas to NRW as soon as they are roofed.

Action 7: Send a copy of the updated site plan to NRW as soon as possible.

Site Inspection

The bund around Tank B is cracked in places, including under the discharge pipe, and the top is flaking.

Action 8: Repair bunds. Send photos of repairs to NRW by 1st July 2022.

The tanks in the tank farm are due to be refurbished and repainted.

The new wash plant was inspected and its treatment capacity, proposed use and operation explained.

The volumes of the associated tanks are between about 6 and 32m³.

GDE have almost completed the improvement conditions. IPC 19 and IPC 23 can be closed. The remaining work should not be too onerous and NRW are confident that GDE will be compliant with the requirements of the BAT conclusions by 17th August 2022.

END.

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.