

Compliance Assessment Report CAR_NRW0038406

Permit number	BU8819IV	Operator name	FCC Waste Services (UK) Limited
----------------------	----------	----------------------	---------------------------------

Site name	Pwllfawatkin Landfill Site
Site address	Rhydyfro, Pontardawe, SA8 4RX
Assessment type	Offsite Odour Survey

Date of assessment	16 June 2021	Time in	N/A	Time out	N/A
---------------------------	--------------	----------------	-----	-----------------	-----

Parts of permit assessed	Condition 3.4.1
---------------------------------	-----------------

NRW Lead officer	Guy Baskerville	Accompanied by	N/A
Report sent to – Name and position	Richard Thomas Operations Manager	Date	17 June 2021

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

Part of permitted activity assessed (use action criteria below)	Assessment result	Permit condition
F1 Amenity – Odour	Assessed or assessed in part, no evidence of non-compliance found. Action Only (X)	3.4.1

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

2. What action is required?

Criteria	Action needed	Complete by
F1	Investigate potential odour sources having a minor amenity impact offsite. Report the findings of your investigation to Natural Resources Wales, outlining the steps you intend to take to further prevent or minimise odours including timescales for implementation.	24 June 2021

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 prosecutions and/or suspension or revocation of your permit.

4. Details of our assessment

The purpose of this Compliance Assessment Report (CAR) is to record the findings of an off-site odour survey undertaken locally to Pwllfawatkin Landfill.

Condition 3.4.1 of the environmental permit states:

Emissions from the activities shall be free from odour at levels likely to cause annoyance outside the site, as perceived by an authorised officer of the Agency, unless the operator has used appropriate measures to prevent or where that is not practicable to minimise odour.

Between 8 June 2021 and 16 June 2021 the South West Industry Regulation Team received 14 complaints in relation to malodour alleged to be caused by Pwllfawatkin Landfill. These complaints have been passed to the operator of the landfill who has undertaken multiple investigations but has been unable to identify any odour source(s).

On 11 June 2021 we were advised that Neath Port Talbot Council had received malodour complaints on 9 June 2021 and 10 June 2021. On 15 June 2021 we were advised that Neath Port Talbot Council had been contacted by a local councillor who had received multiple complaints from their constituents in relation malodour complaints.

The malodour complaints were received from residents of Cwmgors, Gwaun Cae Gurwen, Rhydyfro and Tairgwaith.

The majority of malodours were reported to have been observed through the night and into early morning. A small number of complainants reported observing the malodours through the evening.

A number of complainants reported health concerns in relation to the malodours, including: headaches; dry/sore throat; runny nose; nausea; sleep disruption and worsening asthma symptoms.

On 10 June we contacted Public Health Wales to advise of them of the emerging malodour issues and will keep them updated with the outcome of our investigation.

On 16 June 2021 between 15:35 and 16:40 I undertook an odour survey locally to Pwllfawatkin Landfill at locations across Cwmgors, Gwaun Cae Gurwen, Rhydyfro and Tairgwaith.

Throughout the survey period the observed weather was dry and cloudy. Met Office data from the nearest weather station (Brynamman) suggests that the wind direction was from the South West or West South West with wind speeds between 1.8 and 2.7 m/s which would be considered low speed. Air temperatures ranged between 18.4 °C and 18.9 °C.

I observed a persistent mild landfill gas odour at one discreet location in Cwmgors at 16:04 and 16:40. I did not observe any malodours consistent with landfilling activities at any other survey location.

The results of the odour survey are recorded in *Table 1* and survey locations relative to Pwllfawatkin Landfill (approximate location and extent) are presented in *Figure 1*, *Figure 2* and *Figure 3*.

N.B. No assessment of appropriateness of measures used onsite to prevent or minimise odour was undertaken. No permit condition breaches have been identified and no non-compliance scores have been recorded. Action only.

Action: Investigate potential odour sources having a minor amenity impact offsite. Report the findings of your investigation to Natural Resources Wales, outlining the steps you intend to take to further prevent or minimise odours including timescales for implementation.

Table 1 Off-site odour survey results			
Location	National grid reference	Time	Odour
1	SN 71586 04911	15:35	No odour observed
2	SN 70477 06738	15:44	No odour observed
3	SN 69991 08538	15:54	No odour observed
4	SN 70331 09327	16:04	Persistent mild landfill gas odour
5	SN 70558 11105	16:12	Persistent moderate sweet cut grass odour
6	SN 70115 11999	16:19	Persistent moderate burning wood odour ¹
7	SN 71413 12111	16:28	No odour observed
4	SN 70331 09327	16:40	Persistent mild landfill gas odour ²

¹ Nearby domestic property appeared to be burning wood waste in their garden.

² Repeat odour survey assessment at location 4

Figure 1 Odour survey locations relative to Pwllfawatkin Landfill location

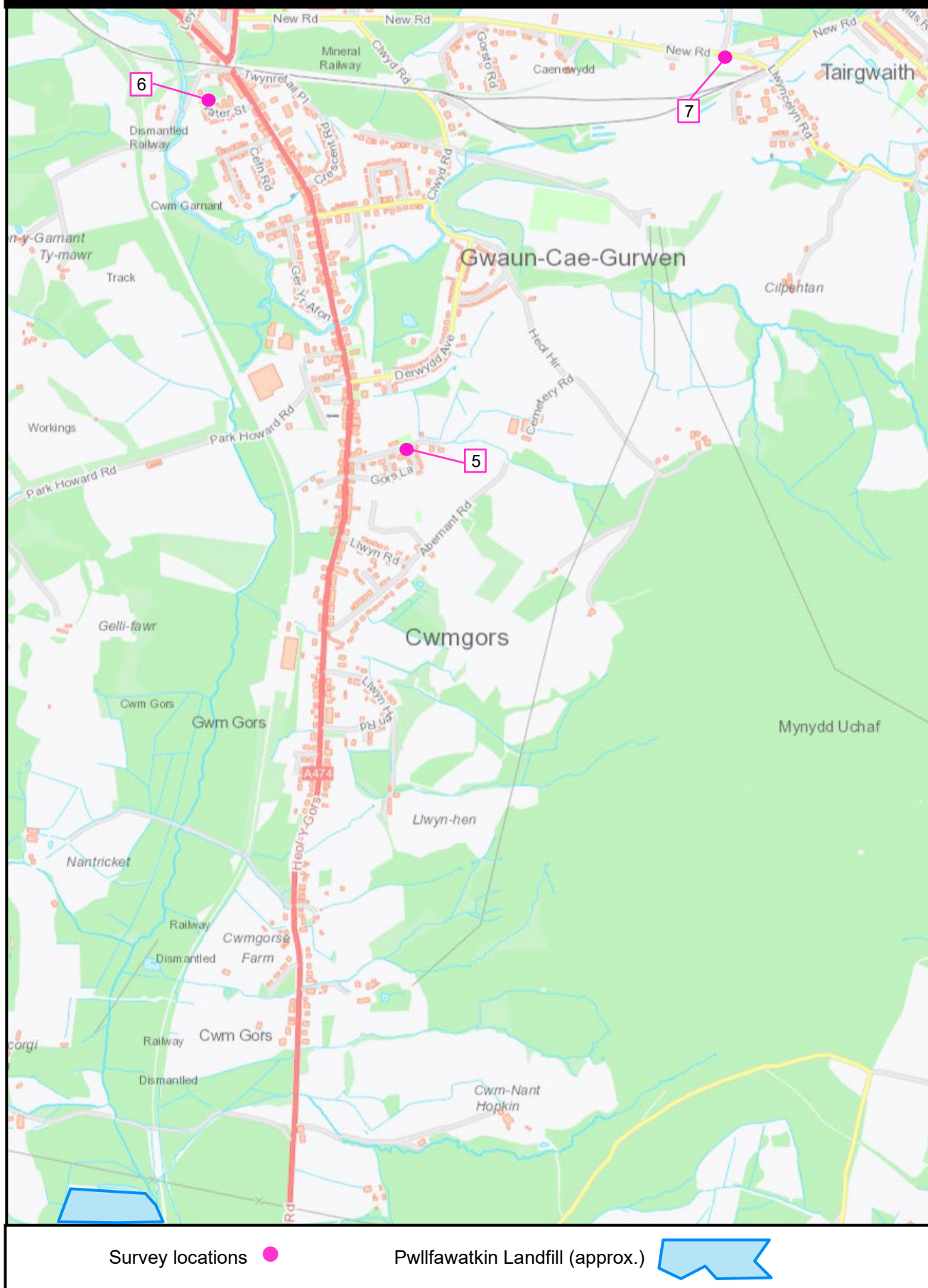


Figure 2 Odour survey locations relative to Pwllfawatkin Landfill location

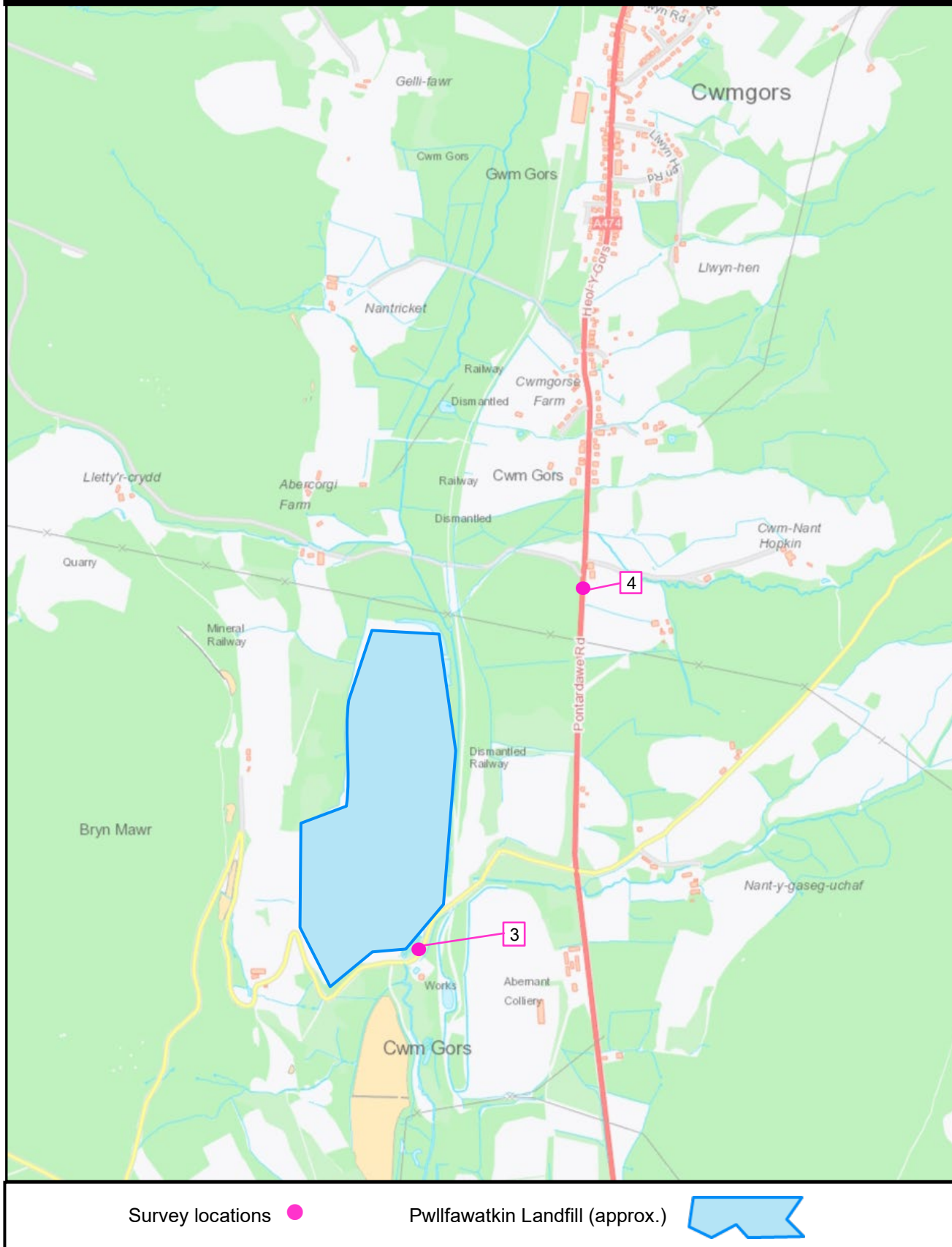
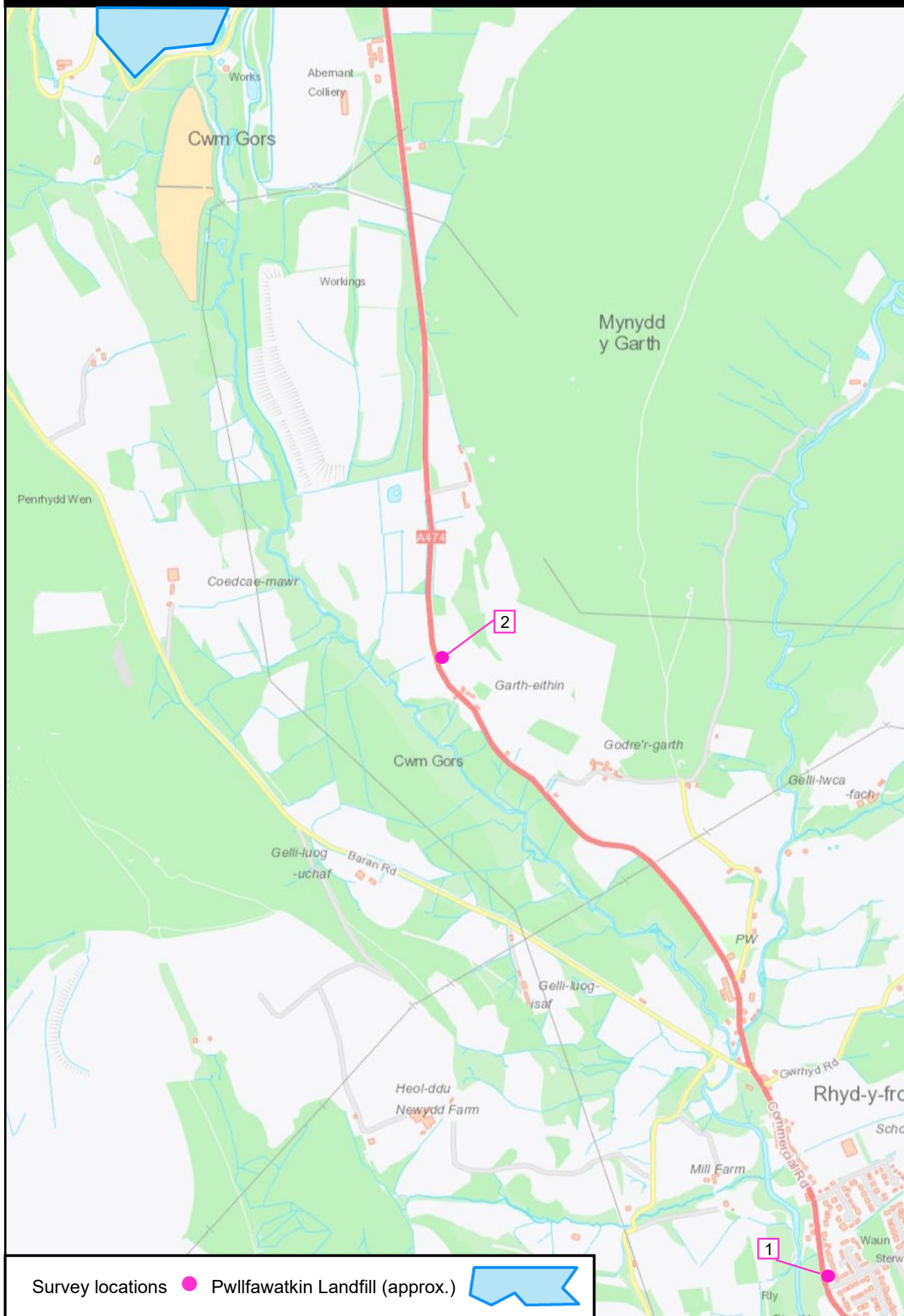


Figure 3 Odour survey locations relative to Pwllfawatkin Landfill location



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 in the aspects assessed.
Action only (X)	Action only relating to the activity assessment
Ongoing (O)	Ongoing non-compliance, not scored

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

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.