



Blaenau Gwent CBC

2025 Air Quality Progress Report

**In fulfilment of Part IV of the Environment Act 1995, as
amended by the Environment Act 2021**

Local Air Quality Management

Date: September 2025

Information	Blaenau Gwent CBC
Local Authority Officer	Tim Griffin
Department	Environmental Health Section- Environmental Protection Team
Address	General Offices, Steelworks Road, Ebbw Vale, NP23 6DN
Telephone	01495 369542
E-mail	Tim.Griffin@blaenau-gwent.gov.uk
Report Reference Number	BG/ENVH/AQR/PR/2025
Date	September 2025

Executive Summary: Air Quality in Our Area

Air Quality in Blaenau Gwent

This progress report is the latest in a series of reports relating to air quality and has been compiled and published by Blaenau Gwent County Borough Council. The report contains the latest air quality data for the calendar year of 2024 applicable to the County Borough and provides current information relating to any new local developments or issues that may have an impact on air quality.

The UK's National Air Quality Strategy sets air quality objectives for seven key pollutants which Local Authorities are legally required to have regard to. These include Benzene, 1,3 Butadiene, Carbon Monoxide, Lead, Nitrogen Dioxide, Particulate Matter (PM₁₀) & (PM 2.5) and Sulphur Dioxide. The sources of these pollutants vary but include emissions to atmosphere from a variety of industrial processes, energy generation, domestic and industrial combustion and road traffic.

Local authorities are obliged to periodically review the air quality within their area to determine the risk of the air quality objectives set out in the national strategy being exceeded. If a Local Authority identifies a risk of any of the objectives being exceeded within its area, then they must proceed to a Detailed Assessment for that pollutant and declare an air quality management area (AQMA).

Much of the traditional coal and steel industry that historically populated the Borough has been replaced by a diverse industrial base comprising of businesses such as pharmaceuticals, battery and computer systems, electronic and high-tech engineering companies. The closure of much of the heavy industry in the area has had an adverse impact on the local economy but conversely it has meant the removal of significant sources of air pollution.

The previous reports produced by Blaenau Gwent CBC have concluded that it is unlikely that any of the air quality objectives that the Council are required to have regard to, are being exceeded or will be exceeded within the Borough and therefore no Detailed Assessment for any pollutant has been carried out to-date. Blaenau Gwent CBC has not declared any AQMA's.

This 2025 air quality progress report **does not** identify the need for Blaenau Gwent CBC to proceed to a Detailed Assessment for any of the seven pollutants identified in the UK's National Air Quality Strategy.

The next Air Quality Progress Report for the County Borough of Blaenau Gwent is scheduled to be published in September 2026.

Actions to Improve Air Quality

Blaenau Gwent CBC has not declared any air quality management areas (AQMA) within our borough and so as a result has not had to produce an air quality action plan.

The environmental health section continues to work closely with other internal council departments, such as planning control, to monitor and review developments that may impact on local air quality. We also continue to regulate a variety of industrial processes that hold environmental permits. We also respond and deal with air quality pollution incidents and smoke nuisance complaints.

Local Priorities and Challenges

Blaenau Gwent CBC aims to continue to protect the public health of people living in Blaenau Gwent by maintaining good levels of air quality within our area. This is being done by carrying out additional air quality monitoring at several sensitive locations including schools within our borough. The results from these monitoring locations are reported in this air quality progress report.

How to Get Involved

Further information on air quality within the Blaenau Gwent area can be found by visiting the air quality section of the council's website:

<http://www.blaenau-gwent.gov.uk/en/resident/environmental-health/pollution/air-quality/>

Or by contacting us directly at:

Environmental Health Section, Environmental Protection Team, Blaenau Gwent CBC,
General Offices, Steelworks Road, Ebbw Vale, NP23 6DN.

Telephone: 01495 369542 Email: environmental.health@blaenau-gwent.gov.uk

Table of Contents

Executive Summary: Air Quality in Our Area	i
Air Quality in Blaenau Gwent.....	i
Actions to Improve Air Quality	ii
Local Priorities and Challenges	ii
How to Get Involved	iii
1 Actions to Improve Air Quality.....	1
Previous Work in Relation to Air Quality	1
Air Quality Management Areas.....	5
Implementation of Action Plans	6
2 Air Quality Monitoring Data and Comparison with Air Quality Objectives	10
Summary of Monitoring Undertaken in 2024.....	10
2.1.1 Automatic Monitoring Sites	10
2.1.2 Non-Automating Monitoring Sites	10
Comparison of 2024 Monitoring Results with Previous Years and the Air Quality Objectives	22
2.1.3 Nitrogen Dioxide (NO ₂)	22
2.1.4 Particulate Matter (PM ₁₀)	23
2.1.5 Particulate Matter (PM _{2.5}).....	23
2.1.6 Other Pollutants Monitored	23
Summary of Compliance with AQS Objectives as of 2024.....	23
3 New Local Developments	24
Road Traffic Sources (and Other Transport).....	24
Industrial / Fugitive or Uncontrolled Sources / Commercial Sources.....	24
Other Sources	25
Planning Applications	26
4 Policies and Strategies Affecting Airborne Pollution	27
Local / Regional Air Quality Strategy	27
Air Quality Planning Policies.....	27
Local Transport Plans and Strategies.....	27
Active Travel Plans and Strategies	28
Green Infrastructure Plans and Strategies.....	32
Climate Change Strategies.....	33
5 Conclusion and Proposed Actions.....	34
Conclusions from New Monitoring Data.....	34
Conclusions relating to New Local Developments	34
Other Conclusions.....	34
Proposed Actions	34
References	35

Appendices	36
Appendix A: Quality Assurance / Quality Control (QA/QC) Data.....	37
Appendix B: A Summary of Local Air Quality Management	40
Purpose of an Annual Progress Report	40
Air Quality Objectives	40
Appendix C: Air Quality Monitoring Data QA/QC.....	42
QA/QC of Diffusion Tube Monitoring	42
Diffusion Tube Annualisation.....	42
Diffusion Tube Bias Adjustment Factors	42
NO ₂ Fall-off with Distance from the Road.....	43
QA/QC of Automatic Monitoring	43
Appendix D: Blaenau Gwent CBC boundary area and diffusion tube location plans	45
Appendix E: Individual location plans for all diffusion tubes in Blaenau Gwent in	
2024.....	46
Glossary of Terms	77

Tables

Table 1.1- Reports produced by Blaenau Gwent CBC as a result of previous rounds of local air quality review and assessment.

Table 2.1- Details of Non-Automatic Monitoring Sites

Table 2.2- Annual Mean NO₂ Monitoring Results (µg/m³) (2020-2024)

Table 3.1- Applications for Major Developments Received and Approved During 2024

Figures

Figure 1- Measured levels of nitrogen dioxide for 2024 compared with the air quality objective.

Figure 2- Measured levels of nitrogen dioxide for 2019-2024 compared with the air quality objective.

1 Actions to Improve Air Quality

Previous Work in Relation to Air Quality

Table 1.1 provides a comprehensive list of the reports produced by Blaenau Gwent CBC as a result of previous rounds of review and assessment of the air quality within the Borough and summarises the main findings of each report.

Table 1.1 - Reports Produced by Blaenau Gwent CBC as A Result of Previous Rounds of Local Air Quality Review and Assessment

Report	Review And Assessment Undertaken & Conclusions	Year Published
1999 First Stage Review and Assessment	Initial screening of industrial, transport and other significant sources of air pollution within the Borough. Concluded that it is unlikely that there will be failure to achieve any of the air quality objectives.	1999
2003 Updating and Screening Assessment	In-depth review of any matters which may have changed since the last review and assessment which may lead to a risk of an air quality objective being exceeded. Concluded no significant changes and therefore unlikely that there will be failure to achieve any of the air quality objectives.	2003
2004 Progress Report	Review of any matters which may have changed since the last review and assessment which may lead to a risk of an air quality objective being exceeded. Concluded no significant changes and therefore unlikely that there will be failure to achieve any of the air quality objectives.	2004
2005 Progress Report	Review of any matters which may have changed since the last review and assessment which may lead to a risk of an air quality objective being exceeded. Concluded no significant changes and therefore unlikely that there will be failure to achieve any of the air quality objectives.	2005

2006 Updating and Screening Assessment	In-depth review of any matters which may have changed since the last review and assessment which may lead to a risk of an air quality objective being exceeded. Concluded no significant changes and therefore unlikely that there will be failure to achieve any of the air quality objectives.	2006
2007 Progress Report	Review of any matters which may have changed since the last review and assessment which may lead to a risk of an air quality objective being exceeded. Concluded no significant changes and therefore unlikely that there will be failure to achieve any of the air quality objectives.	2007
2008 Progress Report	Review of any matters which may have changed since the last review and assessment which may lead to a risk of an air quality objective being exceeded. Concluded no significant changes and therefore unlikely that there will be failure to achieve any of the air quality objectives.	2008
2009 Updating and Screening Assessment	In-depth review of any matters which may have changed since the last review and assessment which may lead to a risk of an air quality objective being exceeded. Concluded no significant changes and therefore unlikely that there will be failure to achieve any of the air quality objectives.	2009
2010 Progress Report	Review of any matters which may have changed since the last review and assessment which may lead to a risk of an air quality objective being exceeded. Concluded no significant changes and therefore unlikely that there will be failure to achieve any of the air quality objectives.	2010
2011 Progress Report	Review of any matters which may have changed since the last review and assessment which may lead to a risk of an air quality objective being exceeded. Concluded no significant changes and therefore unlikely that there will be failure to achieve any of the air quality objectives.	2011
2012 Updating and Screening	In-depth review of any matters which may have changed since the last review and assessment which may lead to a risk of an air quality objective being exceeded. Concluded no significant	2012

Assessment Report	changes and therefore unlikely that there will be failure to achieve any of the air quality objectives.	
2013 Progress Report	Review of any matters which may have changed since the last review and assessment which may lead to a risk of an air quality objective being exceeded. Concluded no significant changes and therefore unlikely that there will be failure to achieve any of the air quality objectives.	2013
2014 Progress Report	Review of any matters which may have changed since the last review and assessment which may lead to a risk of an air quality objective being exceeded. Concluded no significant changes and therefore unlikely that there will be failure to achieve any of the air quality objectives.	2014
2015 Updating and Screening Assessment Report	In-depth review of any matters which may have changed since the last review and assessment which may lead to a risk of an air quality objective being exceeded. Concluded no significant changes and therefore unlikely that there will be failure to achieve any of the air quality objectives.	2015
2016 Progress Report	Review of any matters which may have changed since the last review and assessment which may lead to a risk of an air quality objective being exceeded. Concluded no significant changes and therefore unlikely that there will be failure to achieve any of the air quality objectives.	2016
2017 Progress Report	Review of any matters which may have changed since the last review and assessment which may lead to a risk of an air quality objective being exceeded. Concluded no significant changes and therefore unlikely that there will be failure to achieve any of the air quality objectives.	2017
2018 Progress Report	Review of any matters which may have changed since the last review and assessment which may lead to a risk of an air quality objective being exceeded. Concluded no significant changes and therefore unlikely that there will be failure to achieve any of the air quality objectives.	2018

2019 Progress Report	Review of any matters which may have changed since the last review and assessment which may lead to a risk of an air quality objective being exceeded. Concluded no significant changes and therefore unlikely that there will be failure to achieve any of the air quality objectives.	2019
2020 Progress Report	Review of any matters which may have changed since the last review and assessment which may lead to a risk of an air quality objective being exceeded. Concluded no significant changes and therefore unlikely that there will be failure to achieve any of the air quality objectives.	2020
2021 Progress Report	Review of any matters which may have changed since the last review and assessment which may lead to a risk of an air quality objective being exceeded. Concluded no significant changes and therefore unlikely that there will be failure to achieve any of the air quality objectives.	2021
2022 Progress Report	Review of any matters which may have changed since the last review and assessment which may lead to a risk of an air quality objective being exceeded. Concluded no significant changes and therefore unlikely that there will be failure to achieve any of the air quality objectives.	2022
2023 Progress Report	Review of any matters which may have changed since the last review and assessment which may lead to a risk of an air quality objective being exceeded. Concluded no significant changes and therefore unlikely that there will be failure to achieve any of the air quality objectives.	2023
2024 Progress report	Review of any matters which may have changed since the last review and assessment which may lead to a risk of an air quality objective being exceeded. Concluded no significant changes and therefore unlikely that there will be failure to achieve any of the air quality objectives.	2024

Air Quality Management Areas

Air Quality Management Areas (AQMA(s)) are declared when air quality is close to or above an acceptable level of pollution (known as the air quality objective (Please see Appendix A)). After declaring an AQMA the authority must prepare an Air Quality Action Plan (AQAP) within 18 months setting out measures it intends to put in place to improve air quality to at least the air quality objectives, if not even better. AQMA(s) are seen by local authorities as the focal points to channel resources into the most pressing areas of pollution as a priority.

Blaenau Gwent CBC currently does not have any AQMA(s).

Implementation of Action Plans

Blaenau Gwent CBC has not declared any air quality management areas and as a result has not published an air quality action plan.

Top three air quality actions In Blaenau Gwent

1. Air quality monitoring at 9 schools in Blaenau Gwent.

We currently carry out nitrogen dioxide monitoring using diffusion tubes at the below schools-

- Ebbw Fawr Learning Campus, Primary School, Ebbw Vale.
- Georgetown Primary School, Oakfield Road, Tredegar.
- Brynbach Primary School, Merthyr Road, Tredegar.
- St Marys Roman Catholic Primary School, Catholic Road, Brynmawr.
- Abertillery Learning Campus, Tillery Street, Abertillery.
- Deighton Primary School, Stockton Way, Tredegar.
- Six Bells Primary Campus, Abertillery Learning Community, Six Bells Road, Six Bells, Abertillery.
- Rhos Y Fedwin Primary School, Honeyfield Road, Rassau, Ebbw Vale.
- Blaen Y Cwm Primary School, Blaenavon Road, Brynmawr (started in 2025).

The purpose of the monitoring at the schools is to ensure that the air quality standards are being met to protect the health of the children but to also raise awareness of air quality matters with the children and their parents. This action is ongoing and monitoring locations are kept under review and new school sites considered regularly.

2. Installation of electric vehicle charger points throughout Blaenau Gwent.

In 2024 Blaenau Gwent CBC installed electric vehicle public charge points at 8 council owned public car parks at-

- Arail Street, Six Bells, Abertillery.
- Briery Hill, Ebbw Vale.
- Canning Street, Cwm, Ebbw Vale.
- Health Centre, Abertillery.
- Lower Salisbury Street, Tredegar.
- Mitre Street, Abertillery.
- Queens Square, Ebbw Vale.
- Somerset Street, Brynmawr.

A further 4 electric vehicle charger points were installed at the below sites for council fleet vehicles and staff vehicles.

- Augusta House, Augusta Park, Victoria, Ebbw Vale.
- Central Depot, Barleyfield Industrial Estate, Brynmawr.
- Blaina Integrated Community Centre, High Street, Blaina.
- Energy Centre, Lime Avenue, Ebbw Vale.

Further electric vehicle charging locations are being considered for installation, so this work is on-going.

On street charging trial

The Council received funding from Welsh Government under the ultra-low emission vehicles (ULEV) Transformation Fund to undertake a trial of two cross pavement gully channel solutions to support residents to be able to safely charge electric vehicles at home. So far 5 cross pavement gully channels have been installed, 6 further installations are due to take place shortly. The installations have been staggered due to the requirement for planning permission for the home charge point which has added 3 months to the programme for each site. Feedback from residents so far has been positive with one resident advising they have made significant financial savings in being able to charge their vehicle at home and they would not switch back to a petrol or diesel vehicle. This work is ongoing.

In curb charger pilot

In 2024 the Council was awarded funding from Welsh Government under the ULEV Transformation Fund to undertake a feasibility study of on-street solutions available on the market. This helped officers understand market solutions and their suitability for our streets in Blaenau Gwent. A criteria was developed as part of the feasibility study and solutions scored against the streets where we have received expressions of interest for our current on street charging trial, but they are not suitable. This work highlighted that a lot of the current on street solutions available on the market will not be suitable for our streets.

As a result of this outcome officers identified the need to look at new innovative solutions. As part of this work, we identified a German company that has designed a curb charger that replaces the curb. The curb charger has been trialled successfully in Germany and is new to the UK market. The company that manufactures the product is looking to undertake a small number of pilot trials in the UK and Blaenau Gwent is one of three locations chosen as pilot sites and the only one in Wales.

Rapid Electric vehicle charger hub

Further funding from Welsh Government under the ULEV Transformation Fund has been secured to deliver a rapid electric vehicle charging hub this financial year on vacant land at the former steelworks site at Lime Avenue, Ebbw Vale.

3. Air quality collaboration project which includes the deployment of air quality monitoring sensors in Blaenau Gwent.

As part of a collaboration consisting of Swansea Council, Newport City Council, Monmouthshire CBC, Swansea University and Nottingham University, Blaenau Gwent CBC secured funding from Welsh Government through the LAQM support fund to carry out an air quality project starting in 2025. This project involves the deployment of 8-10 air quality monitoring sensors within Blaenau Gwent which will monitor for nitrogen dioxide and particulate matter 2.5. This project will also include the development of an alerting system

for the above-mentioned pollutants for members of the public will be able to use. This project is on-going and likely to last for up to 3 years.

2 Air Quality Monitoring Data and Comparison with Air Quality Objectives

Summary of Monitoring Undertaken in 2024

2.1.1 Automatic Monitoring Sites

Blaenau Gwent CBC does not currently undertake any automatic monitoring of any of the pollutants relevant to the UK National Air Quality Objectives.

2.1.2 Non-Automating Monitoring Sites

Blaenau Gwent CBC undertook diffusion tube monitoring at 30 sites throughout the Borough during 2024, the details of which are presented in Table 2.1. A map indicating the approximate location of each current monitoring site within the borough is provided in Appendix D and individual maps for each monitoring location is provided in Appendix E to this report.

The diffusion tubes are exposed for four-week periods in accordance with the National NO₂ exposure calendar. Gradko Environmental was used to analyse and provide data from all the NO₂ diffusion tubes within Blaenau Gwent during 2024.

Gradko Environmental used the 50% TEA in Acetone method to prepare the diffusion tubes for analysis and have indicated that they are following the procedures set out in the Harmonisation Practical Guidance. It has also been confirmed that Gradko Environmental demonstrated satisfactory performance in the Air- PT scheme for the period of 2024.

Blaenau Gwent CBC does not currently undertake a co-location study for its NO₂ diffusion tube monitoring, in previous years the 'National' bias adjustment factor has been used for

the results of the monitoring undertaken during each specific year. The bias adjustment factor for Gradko Environmental for 2024 was 0.88.

A full audit of all monitoring sites used by Blaenau Gwent CBC was undertaken in December 2024. Three new monitoring locations were identified as BGBC-46 / Wood Bank, Plark Place, Waunlwyd, Ebbw Vale, BGBC-47 / 12 Alma Street, Abertillery and BGBC- 48/ Blaenycwm Primary School, Brynmawr with monitoring starting in January 2025. The results from the new monitoring locations will be reported in the Air Quality Progress Report 2026 for the calendar year of 2025.

At the end of 2024 diffusion tube monitoring ceased at BGBC -27/ Tyn Y Rhyn, Llangynidr Road, Ebbw Vale and BGBC- 31/ 18 Maes Morgan, Tredegar due to demonstrated compliance with the air quality objective.

Table 2.1 – Details of Non-Automatic Monitoring Sites

Diffusion Tube ID	Site Name	Site Type	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Pollutants Monitored	In AQMA? Which AQMA?	Distance to Relevant Exposure (m) ⁽¹⁾	Distance to kerb of nearest road (m) ⁽²⁾	Tube Co-located with a Continuous Analyser?	Tube Height (m)
BGBC-01	The Darren, Daren-felen Road, Brynmawr	Roadside	319538	211956	NO ₂	No	0	10	No	2
BGBC-04	22 Parkhill, Beaufort, Ebbw Vale	Urban Background	317298	211287	NO ₂	No	10	30	No	2.1
BGBC-05	Willow Tree Bungalow, Aberbeeg	Urban Background	321139	201114	NO ₂	No	0	13	No	2
BGBC-13	3 Kings Arms Cottages, Trefil, Tredegar	Roadside	312012	212782	NO ₂	No	0	4	No	2
BGBC-16	49 Aberbeeg Road, Aberbeeg	Roadside	321434	202668	NO ₂	No	0	7	No	2
BGBC-18	Welfare Hall, Beaufort Hill, Ebbw Vale	Roadside	317543	211688	NO ₂	No	0	4	No	2
BGBC-19	42 Beaufort Rise, Ebbw Vale	Roadside	316670	211597	NO ₂	No	0	4	No	2
BGBC-20	122 Beaufort Road, Tredegar	Roadside	314858	210240	NO ₂	No	0	5	No	2

Diffusion Tube ID	Site Name	Site Type	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Pollutants Monitored	In AQMA? Which AQMA?	Distance to Relevant Exposure (m) ⁽¹⁾	Distance to kerb of nearest road (m) ⁽²⁾	Tube Co-located with a Continuous Analyser?	Tube Height (m)
BGBC-21	14 Bryn Rhosyn, Merthyr Road, Tredegar	Other	312846	210586	NO ₂	No	0	14	No	2
BGBC-22	2 King Street, Brynmawr	Roadside	319562	212128	NO ₂	No	0	11	No	2
BGBC-25	Red Rose Care Centre, Park Road, Ebbw Vale	Roadside	316996	207898	NO ₂	No	0	3	No	2
BGBC-26	2 The Dingle, Ebbw Vale	Roadside	316980	209842	NO ₂	No	0	10	No	2
BGBC-27	Tyn y Rhyn, Llangynidr Road, Ebbw Vale	Other	316720	212796	NO ₂	No	0	11	No	2
BGBC-28	1 Coates Row, Rassau, Ebbw Vale	Other	314488	211642	NO ₂	No	0	62	No	2
BGBC-29	10 Ivy Close, Rassau, Ebbw Vale.	Industrial	315331	211938	NO ₂	No	0	N/A	No	2
BGBC-30	8 Annes Court, Ebbw Vale.	Industrial	316010	210183	NO ₂	No	0	N/A	No	2
BGBC-31	18 Maes Morgan, Tredegar.	Industrial	312674	210974	NO ₂	No	0	N/A	No	2
BGBC-32	Ebbw Fawr Learning Campus, Primary School, Ebbw Vale.	Roadside	317392	208313	NO ₂	No	5	20	No	2

Diffusion Tube ID	Site Name	Site Type	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Pollutants Monitored	In AQMA? Which AQMA?	Distance to Relevant Exposure (m) ⁽¹⁾	Distance to kerb of nearest road (m) ⁽²⁾	Tube Co-located with a Continuous Analyser?	Tube Height (m)
BGBC-34	Georgetown Primary School, Oakfield Road, Tredegar.	Roadside	314838	208257	NO ₂	No	6.4	14	No	2
BGBC-35	Brynbach Primary School, Merthyr Road, Tredegar.	Roadside	313061	210466	NO ₂	No	0	12	No	2
BGBC-36	St Mary's RC Primary School, Catholic Road, Brynmawr.	Roadside	319229	211601	NO ₂	No	0	17	No	2
BGBC-37	Abertillery Learning Campus, Tillery Street, Abertillery.	Roadside	321893	204604	NO ₂	No	7	38	No	2
BGBC-38	Deighton Primary School, Stockton Way, Tredegar.	Roadside	313914	209839	NO ₂	No	0	17	No	2
BGBC-39	Six Bells Primary Campus, Abertillery Learning Community, Six Bells Road, Six Bells, Abertillery.	Roadside	322050	202976	NO ₂	No	8	18	No	2
BGBC-40	1 Waterloo Terrace, Cwm, Ebbw Vale.	Roadside	318967	204130	NO ₂	No	0	5	No	2

Diffusion Tube ID	Site Name	Site Type	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Pollutants Monitored	In AQMA? Which AQMA?	Distance to Relevant Exposure (m) ⁽¹⁾	Distance to kerb of nearest road (m) ⁽²⁾	Tube Co-located with a Continuous Analyser?	Tube Height (m)
BGBC-41	8 Briar Close, Rassau, Ebbw Vale.	Industrial	316165	212466	NO ₂	No	0	N/A	No	2
BGBC-42	Rhos Y Fedwen Primary School, Honeyfield Road, Rassau, Ebbw Vale	Roadside	315750	211940	NO ₂	No	0	15	No	2
BGBC-43	37 Pen Y Craig, Rassau, Ebbw Vale	Industrial	315831	212298	NO ₂	No	0	N/A	No	2
BGBC-44	18 Blue Lake Close, Ebbw Vale	Roadside	315841	210858	NO ₂	No	0	8.1	No	2
BGBC-45	34 Carn y Cefn, Ebbw Vale	Roadside	316195	210795	NO ₂	No	0	2	No	2

Notes:

(1) 0m indicates that the sited monitor represents exposure and as such no distance calculation is required.

(2) N/A if not applicable.

2024 Air Quality Monitoring Results

Table 2.2 – Annual Mean NO₂ Monitoring Results: Non-Automatic Monitoring (µg/m³)

Diffusion Tube ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site Type	Valid Data Capture for Monitoring Period (%) (1)	Valid Data Capture 2024 (%) (2)	2020	2021	2022	2023	2024
BGBC-01	319538	211956	Roadside	100	100	10.8	12.0	13.4	13.0	12.1
BGBC-04	317298	211287	Urban Background	100	100	5.9	5.8	5.5	5.0	4.7
BGBC-05	321139	201114	Urban Background	100	100	9.2	9.9	10.2	9.3	9.0
BGBC-13	312012	212782	Roadside	100	100	3.6	3.8	3.8	3.6	3.6
BGBC-16	316670	211597	Roadside	100	100	15.4	14.8	15.9	14.2	13.1
BGBC-18	317543	211688	Roadside	100	100	12.9	12.3	11.5	10.5	8.9
BGBC-19	316670	211597	Roadside	91.6	91.6	17.0	16.1	15.9	14.4	13.1
BGBC-20	314858	210240	Roadside	100	100	16.1	17.3	18.5	17.4	15.5

Diffusion Tube ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site Type	Valid Data Capture for Monitoring Period (%) (1)	Valid Data Capture 2024 (%) (2)	2020	2021	2022	2023	2024
BGBC-21	312846	210586	Other	100	100	9.9	9.2	9.8	9.8	9.4
BGBC-22	319562	212128	Roadside	100	100	10.5	9.9	12.4	10.2	9.7
BGBC-25	316996	207898	Roadside	100	100	8.2	8.8	10.8	8.6	7.7
BGBC-26	316980	209842	Roadside	100	100	11.0	11.0	9.2	10.9	9.9
BGBC-27	316720	212796	Other	100	100	6.2	6.2	6.7	6.2	5.6
BGBC-28	314488	211642	Other	100	100	6.0	6.6	6.2	5.5	5.2
BGBC-29	315331	211938	Industrial	83.3	83.3	5.6	5.8	6.0	5.0	5.0
BGBC-30	316010	210183	Industrial	100	100	6.2	6.2	6.6	6.1	5.6
BGBC-31	312674	210974	Industrial	100	100	5.0	4.9	4.8	4.4	4.2
BGBC-32	317392	208313	Roadside	100	100	6.2	6.5	6.8	6.6	6.3

Diffusion Tube ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site Type	Valid Data Capture for Monitoring Period (%) (1)	Valid Data Capture 2024 (%) (2)	2020	2021	2022	2023	2024
BGBC-34	314838	208257	Roadside	100	100	6.2	6.5	6.3	5.7	5.0
BGBC-35	313061	210466	Roadside	83.3	83.3	7.9	8.2	8.7	7.7	6.5
BGBC-36	319229	211601	Roadside	100	100	9.2	8.7	9.0	9.1	8.4
BGBC-37	321893	204604	Roadside	83.3	83.3	6.1	5.9	6.7	6.4	6.6
BGBC-38	313914	209839	Roadside	100	100	7.2	6.8	7.4	6.5	5.7
BGBC-39	322050	202976	Roadside	100	100	7.0	7.9	7.8	7.2	7.1
BGBC-40	318967	204130	Roadside	100	100	n/a	n/a	16.8	15.0	15.3
BGBC-41	316165	212466	Industrial	100	100	n/a	n/a	5.9	4.8	4.6
BGBC-42	315750	211940	Roadside	100	100	n/a	n/a	6.5	6.1	5.6
BGBC-43	315831	212298	Industrial	91.6	91.6	n/a	n/a	6.6	5.8	5.3

Diffusion Tube ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site Type	Valid Data Capture for Monitoring Period (%) (1)	Valid Data Capture 2024 (%) (2)	2020	2021	2022	2023	2024
BGBC-44	315841	210858	Roadside	100	100	n/a	n/a	n/a	n/a	8.3
BGBC-45	316195	210795	Roadside	100	100	n/a	n/a	n/a	n/a	8.0

☒ Annualisation has been conducted where data capture is <75% and >25% in line with LAQM.TG22.

☒ Diffusion tube data has been bias adjusted.

☒ Reported concentrations are those at the location of the monitoring site (bias adjusted and annualised, as required), i.e. prior to any fall-off with distance correction.

Notes:

The annual mean concentrations are presented as $\mu\text{g}/\text{m}^3$.

Exceedances of the NO_2 annual mean objective of $40\mu\text{g}/\text{m}^3$ are shown in **bold**.

NO_2 annual means exceeding $60\mu\text{g}/\text{m}^3$, indicating a potential exceedance of the NO_2 1-hour mean objective are shown in **bold and underlined**.

Means for diffusion tubes have been corrected for bias. All means have been “annualised” as per LAQM.TG22 if valid data capture for the full calendar year is less than 75%. See Appendix C for details.

Concentrations are those at the location of monitoring and not those following any fall-off with distance adjustment.

(1) Data capture for the monitoring period, in cases where monitoring was only carried out for part of the year.

(2) Data capture for the full calendar year (e.g. if monitoring was carried out for 6 months, the maximum data capture for the full calendar year is 50%).

Figure 1: Measured levels of Nitrogen Dioxide in 2024 compared with the Air Quality Objective

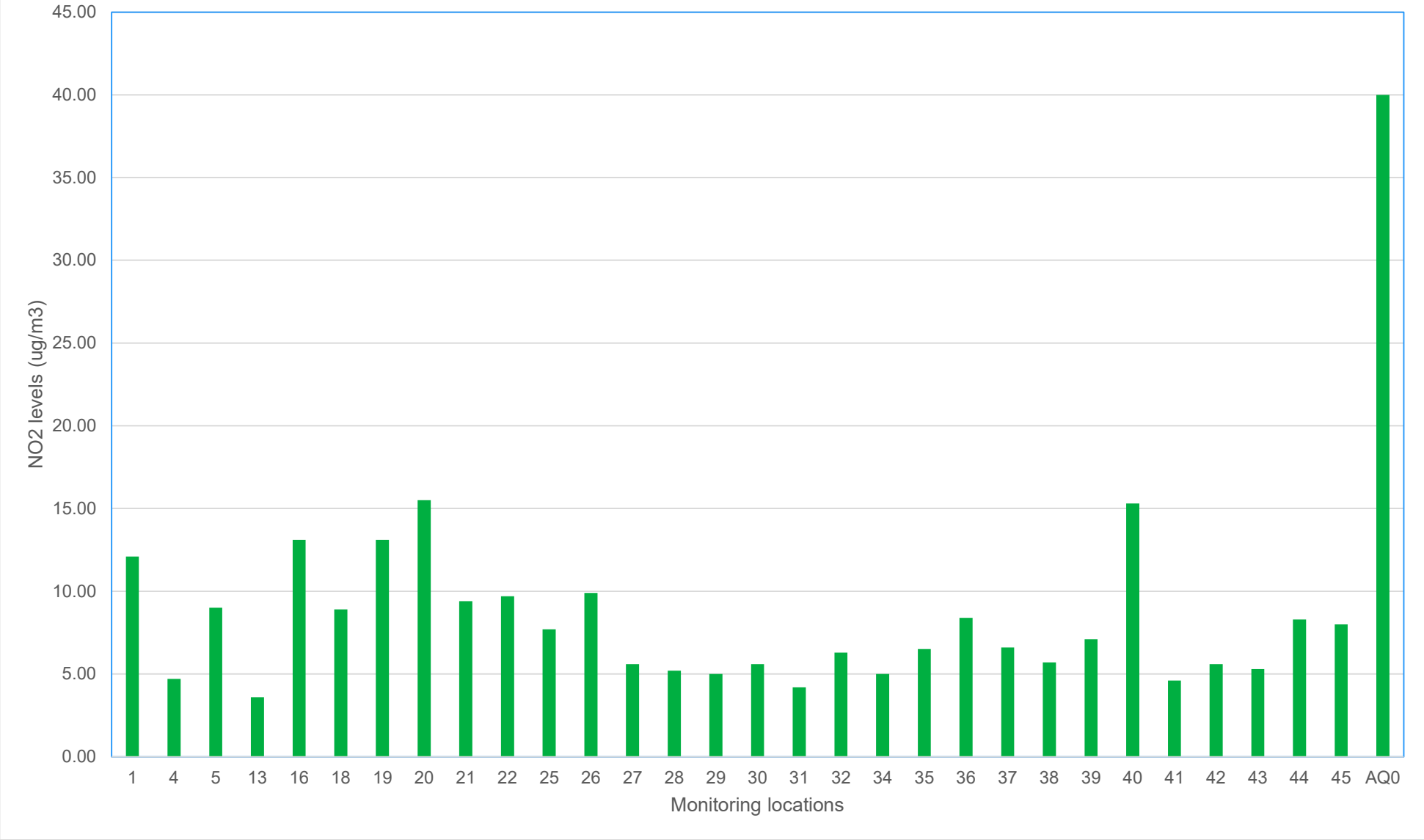
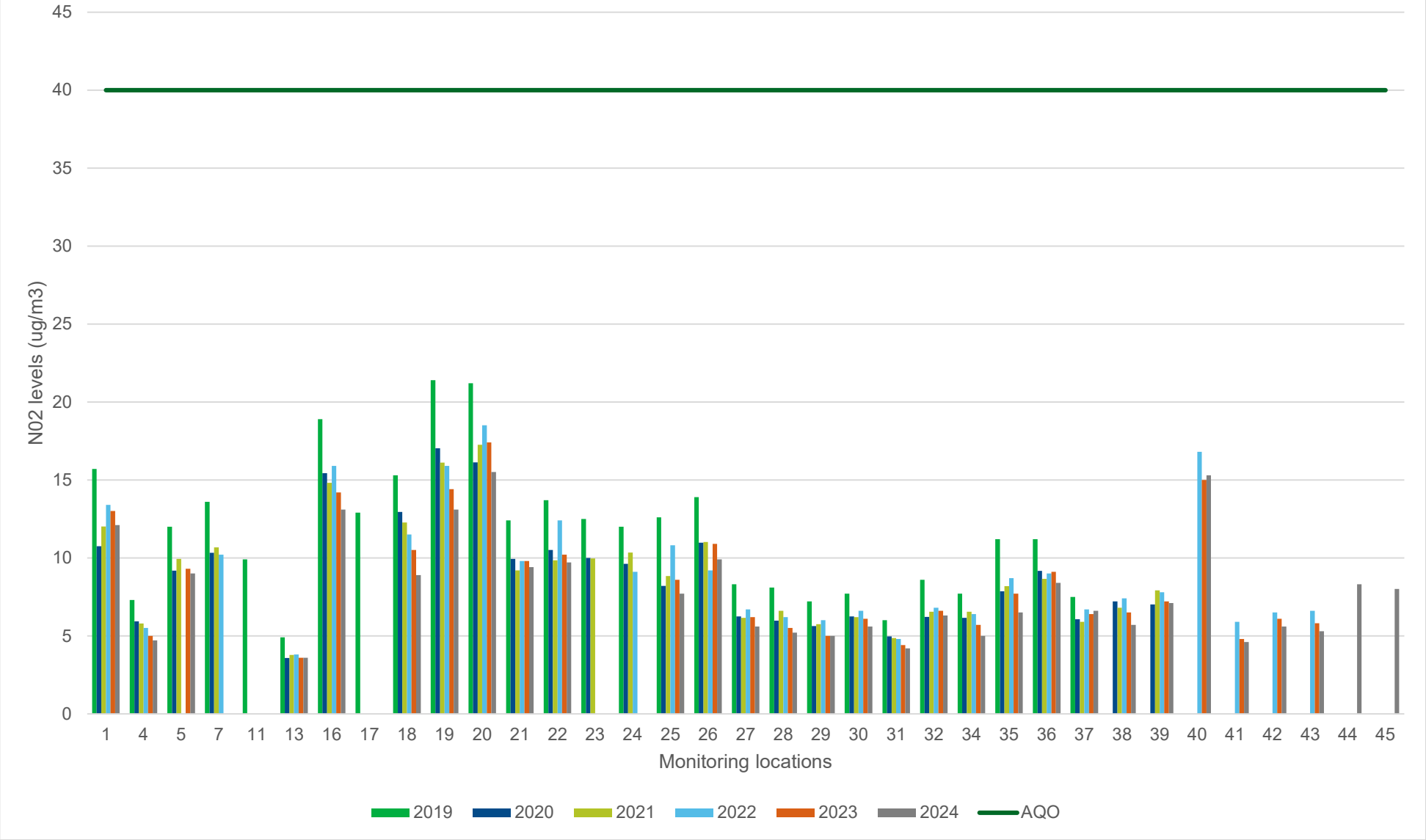


Figure 2: Measured levels of nitrogen dioxide from 2019 to 2024 compared with the air quality objective



Comparison of 2024 Monitoring Results with Previous Years and the Air Quality Objectives

2.1.3 Nitrogen Dioxide (NO₂)

Blaenau Gwent CBC does not currently undertake any automatic monitoring for nitrogen dioxide.

Diffusion Tube Monitoring Data

A summary of the results obtained from the Nitrogen Dioxide diffusion monitoring undertaken at the 30 sites within the Borough for the period of 2024 is presented in Table 2.2. Full details of the monthly mean values for each site are provided in Appendix A to this report.

None of the results from the diffusion tube monitoring are based on triplicate or collocated tubes, the results are based on 12 months' worth of data for the calendar year 2024, none of the data has been annualised.

Table 2.2 also provides a comparison of the results for the period of 2024 with the results of previous years monitoring (where available) for the years 2020 - 2024. Figure 2 provides a comparison of the results from 2019 -2024. The 2024 results identify that there has been a decrease in the measured levels of nitrogen dioxide at twenty four of the twenty-eight monitoring locations when compared with the 2023 levels (monitoring began at sites BGBC-44 & BGBC-45 in 2024 so no results comparison can be made yet.) Two monitoring locations recorded marginal increases in results when compared to the previous year's monitoring results (BGBC-37 & BGBC-40) with two monitoring locations (BGBC-13 & BGBC- 29) remaining the same. Of the twenty-eight monitoring locations that were active in both 2022 and 2024 the results were lower in 27 locations in the 2024 results when they were directly compared with the 2022 levels. This indicates that there is a general trend of continuous improvement of air quality in recent years across the whole borough.

2.1.4 Particulate Matter (PM₁₀)

Blaenau Gwent CBC does not currently undertake any monitoring for particulate matter (PM₁₀).

2.1.5 Particulate Matter (PM_{2.5})

Blaenau Gwent CBC does not currently undertake any monitoring for particulate matter (PM_{2.5}).

2.1.6 Other Pollutants Monitored

Blaenau Gwent CBC does not currently undertake any monitoring for any other pollutants.

Summary of Compliance with AQS Objectives as of 2024

Blaenau Gwent CBC has examined the results from monitoring in the borough. Concentrations are all below the Objectives, therefore no further action is required.

3 New Local Developments

Road Traffic Sources (and Other Transport)

Blaenau Gwent CBC confirms that there are no new/ newly identified narrow congested streets with residential properties close to the kerb or busy streets where people may spend one hour or more close to traffic. Also, there are no new/newly identified roads with high flows of buses and/or HGVs.

Blaenau Gwent CBC confirms that there are no new/newly identified busy junctions or roads with significantly changed traffic flows within the local authority area. Also, there are no new bus stations within the local authority area

Industrial / Fugitive or Uncontrolled Sources / Commercial Sources

Blaenau Gwent CBC confirms that there are no other new or proposed industrial installations for which an air quality assessment has been carried out and there are no existing industrial installations where emissions have increased substantially, or new relevant exposure has been introduced. Blaenau Gwent CBC also confirms that there are no new or significantly changed installations with no previous air quality assessment within the local authority area.

Blaenau Gwent CBC confirms that there are no major fuel (petrol) storage depots, no new petrol stations or no poultry farms within the local authority area.

Blaenau Gwent CBC confirms that there are no new potential sources of fugitive or uncontrolled particulate matter, new landfill sites, quarries, unmade haulage roads on industrial sites or waste transfer stations within the local authority area.

Blaenau Gwent CBC confirms that there has been no new biomass combustion plant or combined heat and power plant within our area, as outlined above, and there are no areas of significant domestic solid fuel burning within the local authority area.

Other Sources

Blaenau Gwent CBC confirms that there are no new or newly identified local developments which may have an impact on air quality within the Local Authority area.

Blaenau Gwent CBC confirms that all the following have been considered:

- Road traffic sources
- Other transport sources
- Industrial sources
- Commercial and domestic sources
- New developments with fugitive or uncontrolled sources.

Blaenau Gwent CBC confirms that there were no significant pollution incidents in 2024 that affected public health or resulted in high air pollution. There are multiple organised fireworks displays within our borough in November each year, but they have not caused high air pollution events that we are aware of. There was not a significant increase in the number of enquires or complaints about wood burners in 2024.

Planning Applications

Each planning application is judged on its merits and due regard is given to the Planning Policy Wales document regarding Air Quality published by the Welsh Government, and other relevant guidance.

A link to the Local Development Plan (LDP) is available at-

<http://www.blaenau-gwent.gov.uk/en/resident/planning/>

The Planning Division classify applications that are received into minor and major developments in accordance with the Welsh Office Planning Statistics guidance. Major developments are classified as being the following:

- major dwelling is 10 or more dwellings or if an outline application 0.5 hectares
- For other types of applications major equates to 1000m² floor area or 1 hectare if the application is in outline

Table 3.1: Applications for Major Developments Received and Approved During 2024

Planning Reference	Type of development	Location	Potential Impact on Local Air Quality
P/2024/0090	Proposed new Industrial Unit	Unit 28 Tafarnaubach Ind Estate, Tafarnaubach NP22 3AA	Low

4 Policies and Strategies Affecting Airborne Pollution

Local / Regional Air Quality Strategy

Blaenau Gwent CBC has a Departmental Air Pollution Control Policy and Procedure document to facilitate the management of Air Quality with the Borough.

Blaenau Gwent CBC has not developed an air quality strategy and currently does not propose to do so as all the results at our monitoring locations are significantly below the air quality standards.

Blaenau Gwent CBC actively participates in the work of the Welsh Air Quality Forum which assists in co-ordinating the management of Air Quality at an all-Wales level amongst the 22 Local Authorities and other partners.

Further information regarding the work of the Welsh Air Quality Forum is available at

<http://www.welshairquality.co.uk/>

Air Quality Planning Policies

Blaenau Gwent CBC does not have a specific air quality planning policy however it is outlined as a development management policy within the Local Development Plan that 'the proposal does not result in airborne emissions which have an unacceptable effect on the health, amenity or natural environment of the surrounding area, taking into account cumulative effects of other proposed or existing sources of air pollution in the vicinity.'

Local Transport Plans and Strategies

Local Authorities are now required to produce individual transport plans however the South East Wales Valleys Authorities (Blaenau Gwent, Caerphilly, Merthyr Tydfil, Rhondda Cynon Taff and Torfaen) got together produced a joint plan that was published in January 2015.

The South East Wales Valleys Local Transport Plan (January 2015) can be viewed at the following website:

<http://www.rctcbc.gov.uk/EN/Resident/ParkingRoadsandTravel/Travel/TransportSchemesandPolicies/TransportPolicyandlocalTransportPlan.aspx>

The local transport plan sets down the vision and objectives for transport in the SE Wales Valleys area and provides a short- and long-term programme for interventions to work towards achieving these goals. The longer-term programme identifies aspirations up to 2030.

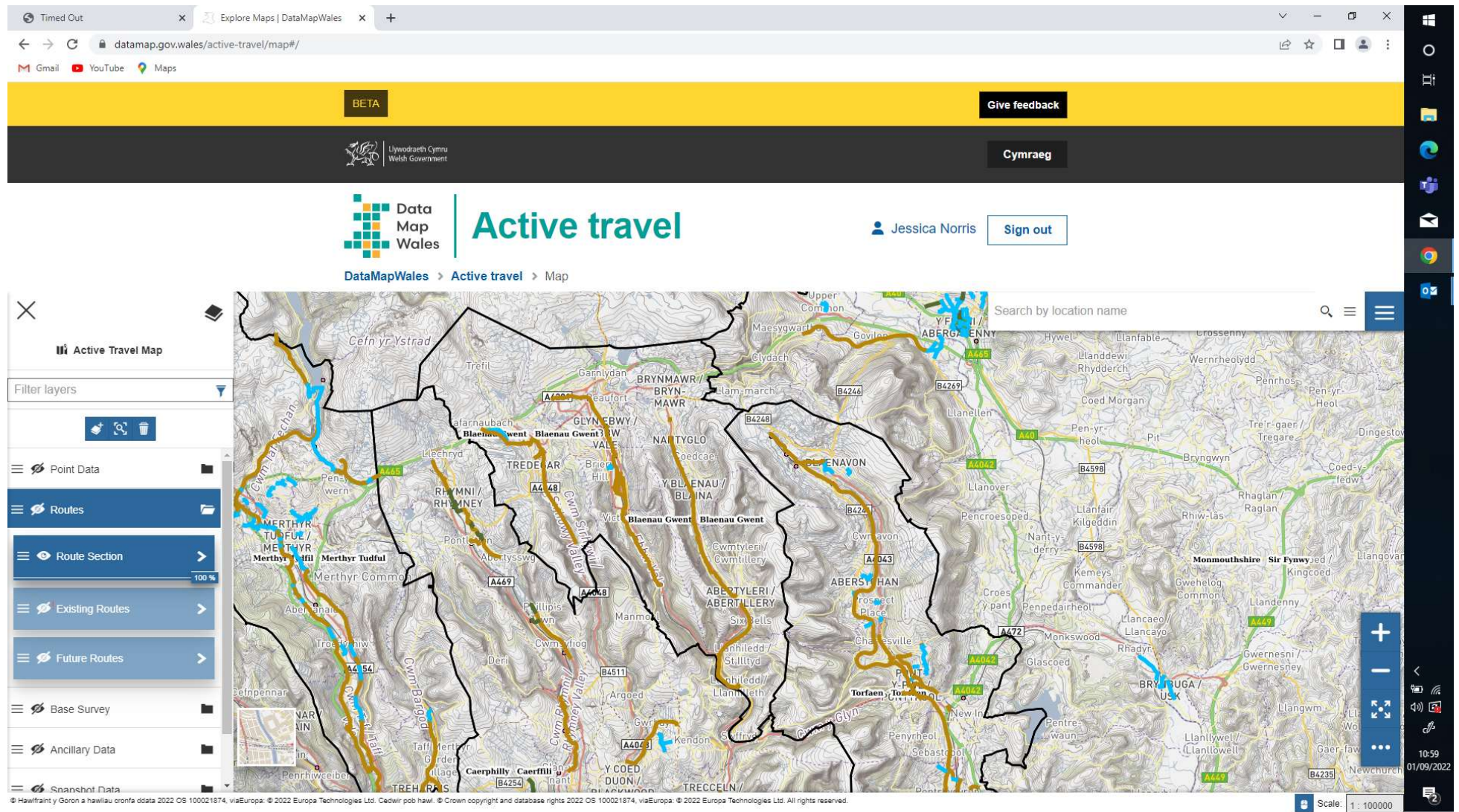
Part of the process of the development of the Local Transport Plan requires the production of a Strategic Environmental Assessment (SEA) which will consider air quality issues.

The Strategic Environmental Assessment Baseline Study Report and Scoping Report are also available at the above website.

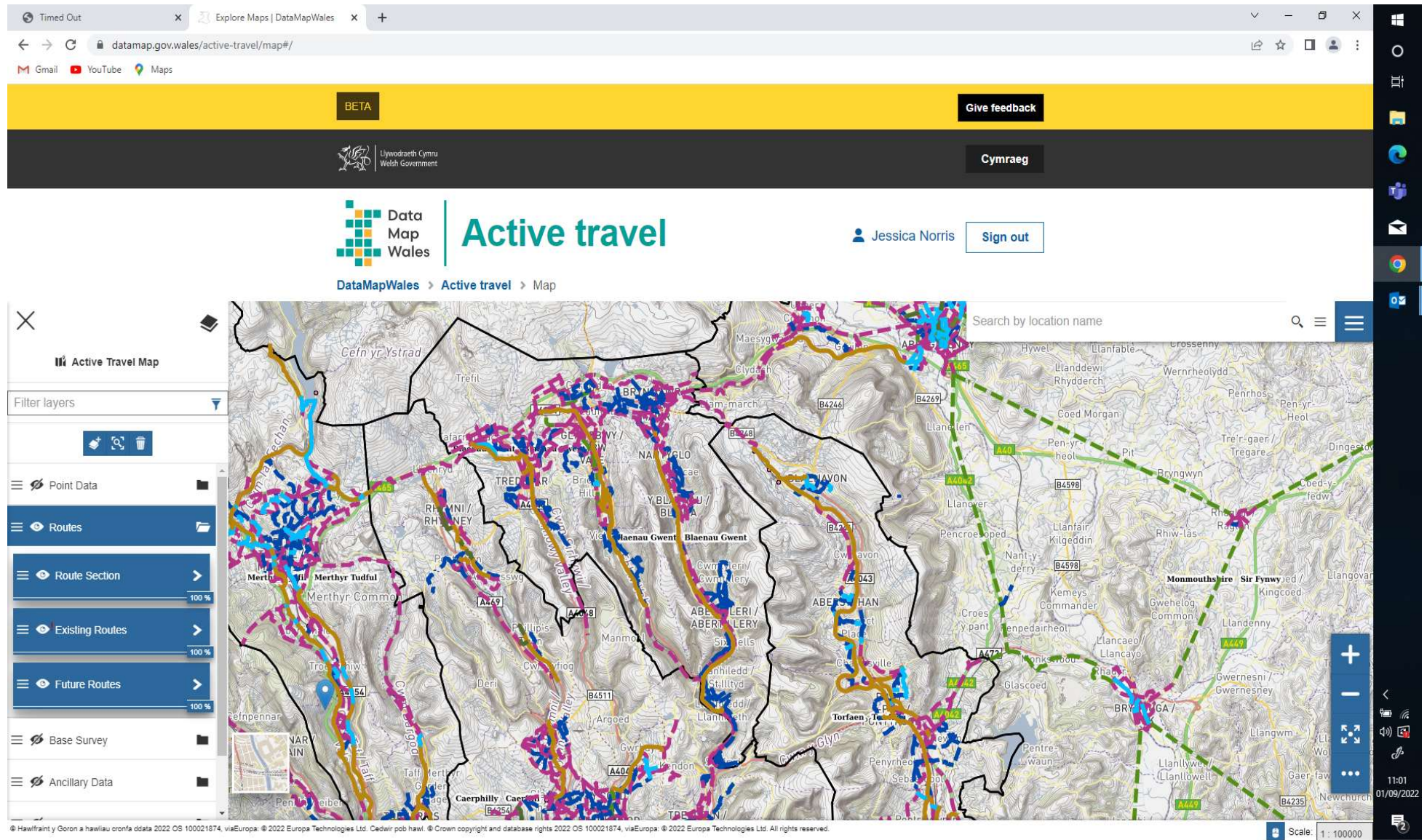
Active Travel Plans and Strategies

In 2022 Blaenau Gwent CBC updated its Active Travel Network Map (ATNM), which expanded on the previous edition (previously referred to as the INM). The updated ATNM was approved by Welsh Government in August 2022. The routes shown on the below maps have been prioritised (short, medium and long term) and Blaenau Gwent CBC will improve these routes to increase active travel connectivity throughout the borough and reduce the reliance on cars for short purposeful journeys. Below are the maps from 2017 and 2022 to show the comparison of the network between the two editions and the location of the proposed routes:

INM 2017



ATNM 2022



Blaenau Gwent CBC successfully bid for grant funding from the Welsh Government Active Travel Fund to improve some of its routes and projects in 2024/25. This included-

- the installation of uncontrolled crossings along Canning Street and Marine Street, Cwm.
- The installation of a new toucan crossing along the A467 near Daren Felin Road, Brynmawr.
- The construction of a new ramp and refurbishing steps at Intermediate Road, Brynmawr as part of a wider scheme to connect NCN 46 with Intermediate Road.
- Designing Glyncoed Phase 3 Active Travel Route.

There are several schemes that are currently being proposed for implementation in 2025/26 to improve routes to make walking and cycling safer and easier for residents and visitors of Blaenau Gwent. Progress on these schemes will be reported in the Air Quality Progress Report 2026.

Local Authorities Well-being Objectives

Air quality was considered as part of the local well-being assessment carried out by the Blaenau Gwent Public Service Board which has resulted in well-being objective number 3 being introduced which is- “Blaenau Gwent wants to look after and protect its natural environments.” The key steps identified by the Blaenau Gwent Public Services Board in order to meet this objective include-

- Lead on taking action against climate change through the delivery of a carbon positive project.
- Promote active travel to reduce our collective carbon footprint.
- Make Blaenau Gwent a cleaner, greener place where nature can thrive.

Green Infrastructure Plans and Strategies

Working collaboratively over the past 12 months the 5 local Authorities in Greater Gwent (Blaenau Gwent, Torfaen, Monmouthshire, Caerphilly and Newport) along with partners in the private and third sector have continued deliver on the *Gwent Green Grid Partnership* (GGGP) has supported woodland management, ecology, access, landscape projects and wellbeing projects. This project came to an end in July 2023. However, the GGGP has managed to secure additional funding through SPF and Nature Networks Fund to continue with the delivery of the projects. The Local Nature Partnership have also helped steer funding for Local Places for Nature and has supported grassland and woodland management. Countryside access improvements have been delivered under the Access Improvement Grant.

Climate Change Strategies

Blaenau Gwent CBC has developed a decarbonisation plan detailing how we aim to be carbon neutral by 2030. The plan can be accessed via the link to the Blaenau Gwent CBC website below. An example of a practical implementation of this plan is the purchase and use of electric vehicles in our highways department.

<https://www.blaenau-gwent.gov.uk/en/council/policies-plans-strategies/decarbonisation-plan-2020-2030/>

Blaenau Gwent CBC has also recently approved a new net zero 2050 framework which sets out how it could move forward and work with local partners and communities to reduce Blaenau Gwent 's carbon emissions and achieve Net Zero by 2050. Further information on this can be accesses via the link to the Blaenau Gwent CBC website below.

<https://www.blaenau-gwent.gov.uk/en/news/council-continues-planning-for-a-net-zero-borough/>

Blaenau Gwent CBC is also continuing to install electric vehicle charging points at locations throughout the borough and has been trialling on street charging solutions using funding provided by Welsh Government. Further information on this work can be accessed via the link to the Blaenau Gwent CBC website below.

[Electric Vehicle Charging | Blaenau Gwent CBC](#)

5 Conclusion and Proposed Actions

Conclusions from New Monitoring Data

Blaenau Gwent CBC has examined the results from monitoring in the Borough of Blaenau Gwent for the period of 2024. Concentrations are all below the relevant UK National Air Quality Objectives.

Conclusions relating to New Local Developments

Blaenau Gwent CBC has assessed all new or significantly changed sources in the Borough and relevant new or significantly changes sources in nearby Local Authority areas and has concluded that it is unlikely that the impact of these will result in a potential exceedance of any of the UK National Air Quality Objectives within the Borough.

Other Conclusions

This report has not identified the need to proceed to a Detailed Assessment for any pollutant relevant to the UK National Air Quality Objectives.

Proposed Actions

Blaenau Gwent CBC will continue to monitor for Nitrogen Dioxide subject to the continuous review and assessment of the existing and newly identified monitoring sites for the calendar year of 2026.

It is proposed that the results of monitoring carried out during the calendar year of 2025 will be presented in the 2026 Air Quality Progress Report which will be prepared as part of the Updating and Screening Assessment process.

References

Blaenau Gwent CBC, all previous reports produced as part of the air quality review process. <https://www.blaenau-gwent.gov.uk/en/resident/environmental-health/pollution/air-quality/>

Blaenau Gwent CBC, Decarbonisation plan 2020-30. <https://www.blaenau-gwent.gov.uk/en/council/policies-plans-strategies/decarbonisation-plan-2020-2030/>
<https://www.blaenau-gwent.gov.uk/en/news/council-continues-planning-for-a-net-zero-borough/>

Blaenau Gwent CBC, update on electric vehicle charging points in the borough

[Electric Vehicle Charging | Blaenau Gwent CBC](#)

DEFRA, (2022), Local Air Quality Management - Technical Guidance LAQM.TG(22), DEFRA.- <https://laqm.defra.gov.uk/air-quality/featured/uk-regions-exc-london-technical-guidance/>

Air PT Scheme results for Laboratory- <https://laqm.defra.gov.uk/air-quality/air-quality-assessment/qa-qc-framework/>

National Bias Adjustment Factors- <https://laqm.defra.gov.uk/air-quality/air-quality-assessment/national-bias/>

Appendices

Appendix A: Monthly Diffusion Tube Monitoring Results

Appendix B: A Summary of Local Air Quality Management

Appendix C: Air Quality Monitoring Data QA/QC

Appendix D: Blaenau Gwent CBC boundary area and diffusion tube location plan

Appendix E: Individual location plans for all diffusion tubes within Blaenau Gwent for 2024

Appendix A: Quality Assurance / Quality Control (QA/QC) Data

Table A.1 – Full Monthly Diffusion Tube Results for 2024 (µg/m³)

DT ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Mean: Raw Data	Annual Mean: Annualised and Bias Adjusted	Annual Mean: Distance Corrected to Nearest Exposure	Comment
BGBC-01	319538	211956	15.1	12.3	13.4	10.3	17.1	8.7	14.2	9.7	17.5	17.2	17.8	11.3	13.7	12.1		
BGBC-04	317298	211287	6.7	6.5	6.3	4.6	3.5	3.3	3.8	3.5	4.4	6.8	8.5	6.5	5.4	4.7		
BGBC-05	321139	201114	13.4	11.6	9.9	8.2	9.3	7.4	7.83	6.8	11.0	11.3	15.7	10.4	10.2	9.0		
BGBC-13	312012	212782	5.5	4.6	5.3	3.3	3.3	2.6	2.9	2.7	3.0	5.7	6.2	3.5	4.0	3.6		
BGBC-16	316670	211597	18.9	18.1	15.9	13.3	12.2	12.5	13.3	13.5	13.0	15.7	17.2	14.5	14.8	13.1		
BGBC-18	317543	211688	11.8	14.1	14.3	9.8	9.4	7.5	8.6	3.3	9.4	13.3	12.9	7.6	10.2	8.9		
BGBC-19	211597	211597	14.0	18.5	17.0	12.9	13.3	10.6	14.1	12.9	x	19.7	16.1	14.4	14.9	13.1		
BGBC-20	314858	210240	16.8	19.5	22.2	17.2	20.3	12.2	16.4	15.6	13.8	21.2	19.8	15.8	17.6	15.5		
BGBC-21	312846	210586	11.3	11.7	10.1	17.2	9.1	7.6	8.2	8.3	10.3	11.8	13.1	10.1	10.7	9.4		
BGBC-22	319562	212128	13.0	13.2	11.8	8.4	10.1	6.4	8.7	7.7	11.0	14.2	16.2	11.1	11.0	9.7		
BGBC-25	316996	207898	11.2	8.7	8.8	7.6	7.7	6.6	7.9	7.2	6.9	11.2	12.2	8.5	8.7	7.7		
BGBC-26	316980	209842	14.3	12.7	12.9	10.6	8.9	8.6	8.5	7.3	10.5	13.6	15.3	11.6	11.2	9.9		
BGBC-27	316720	212796	9.0	8.5	7.0	5.2	5.5	5.3	5.5	5.3	5.3	8.3	8.3	3.7	6.4	5.6		
BGBC-28	314488	211642	7.2	6.5	7.1	4.7	5.1	3.2	4.8	4.5	5.9	7.0	9.1	6.5	6.0	5.2		
BGBC-29	315331	211938	7.7	x	6.3	x	4.6	2.9	4.3	3.8	5.1	6.6	8.9	6.6	5.7	5.0		

DT ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Mean: Raw Data	Annual Mean: Annualised and Bias Adjusted	Annual Mean: Distance Corrected to Nearest Exposure	Comment
BGBC-30	316010	210183	8.6	6.5	6.6	5.3	5.0	3.8	4.5	4.1	7.1	7.6	9.5	7.9	6.4	5.6		
BGBC-31	312674	210974	6.2	6.2	5.4	3.6	3.4	2.9	3.6	3.8	3.7	6.5	6.2	5.2	4.7	4.2		
BGBC-32	317392	208313	12.2	8.7	6.7	5.6	4.2	4.3	4.9	3.4	7.0	9.5	12.3	7.7	7.2	6.3		
BGBC-34	314838	208257	9.5	7.1	6.4	4.9	4.1	3.7	4.0	3.5	4.7	7.4	6.6	5.7	5.6	5.0		
BGBC-35	313061	210466	9.0	10.3	8.3	5.3	7.2	5.3	6.9	6.0	8.0	x	x	7.4	7.4	6.5		
BGBC-36	319229	211601	13.7	13.0	8.9	7.2	7.0	6.7	7.8	7.1	7.9	11.6	14.5	8.8	9.5	8.4		
BGBC-37	321893	204604	12.3	8.3	7.6	x	x	3.4	4.8	4.4	5.8	8.5	11.4	8.3	7.5	6.6		
BGBC-38	313914	209839	10.0	7.7	6.0	4.6	5.3	4.5	4.8	4.4	6.3	7.3	8.7	7.4	6.4	5.7		
BGBC-39	322050	202976	14.0	9.9	6.9	7.0	5.3	3.9	5.5	5.7	7.2	8.7	13.5	9.5	8.1	7.1		
BGBC-40	318967	204130	20.0	19.4	19.1	15.7	18.4	13.4	15.5	15.7	17.5	21.3	19.4	13.3	17.4	15.3		
BGBC-41	316165	212466	7.4	6.6	6.3	4.3	4.2	3.3	4.1	4.0	4.1	6.9	6.1	5.3	5.2	4.6		
BGBC-42	315750	211940	7.7	7.3	7.3	4.9	5.5	3.5	4.9	3.9	6.2	7.5	10.5	7.0	6.4	5.6		
BGBC-43	315831	212298	7.1	7.2	7.0	5.5	5.1	3.8	4.7	4.1	5.1	6.9	10.1	x	6.0	5.3		
BGBC-44	315841	210858	12.0	9.3	10.2	8.1	9.4	6.2	7.3	6.0	9.4	11.6	14.7	9.5	9.5	8.3		
BGBC-45	316195	210795	9.6	9.7	10.3	7.5	10.3	6.4	8.1	7.2	10.5	12.1	11.4	6.7	9.1	8.0		

☒ All erroneous data has been removed from the NO₂ diffusion tube dataset presented in Table A.1.

☒ Annualisation has been conducted where data capture is <75% and >25% in line with LAQM.TG22.

☐ Local bias adjustment factor used.

☒ National bias adjustment factor used.

☒ Where applicable, data has been distance corrected for relevant exposure in the final column.

☒ Blaenau Gwent CBC confirm that all 2024 diffusion tube data has been uploaded to the Diffusion Tube Data Entry System.

Notes:

Exceedances of the NO₂ annual mean objective of 40µg/m³ are shown in **bold**.

NO₂ annual means exceeding 60µg/m³, indicating a potential exceedance of the NO₂ 1-hour mean objective are shown in **bold and underlined**.

See Appendix C for details on bias adjustment and annualisation.

Appendix B: A Summary of Local Air Quality Management

Purpose of an Annual Progress Report

This report fulfils the requirements of the Local Air Quality Management (LAQM) process as set out in the Environment Act 1995, as amended by the Environment Act 2021, and associated government guidance. The LAQM process places an obligation on all local authorities to regularly review and assess air quality in their areas and to determine whether or not the air quality objectives are being achieved. Where exceedances occur, or are likely to occur, the local authority must then declare an Air Quality Management Area (AQMA) and prepare an Air Quality Action Plan (AQAP) within 18 months of declaration setting out the measures it intends to put in place in pursuit of the objectives. Action plans must then be reviewed and updated no later than every five years; or if a local authority considers there is a need for further or different measures to be taken in order to achieve air quality standards; or if significant changes to sources occur within your local area.

For Local Authorities in Wales, an Annual Progress Report replaces all other formal reporting requirements and have a very clear purpose of updating the general public on air quality, including what ongoing actions are being taken locally to improve it if necessary.

Air Quality Objectives

The air quality objectives applicable to LAQM in Wales are set out in the Air Quality (Wales) Regulations 2000, No. 1940 (Wales 138), Air Quality (Amendment) (Wales) Regulations 2002, No 3182 (Wales 298), and are shown in Table B.1.

The table shows the objectives in units of microgrammes per cubic metre $\mu\text{g}/\text{m}^3$ (milligrammes per cubic metre, mg/m^3 for carbon monoxide) with the number of exceedances in each year that are permitted (where applicable).

Table B.1 – Air Quality Objectives Included in Regulations for the Purpose of LAQM in Wales

Pollutant	Air Quality Objective: Concentration	Air Quality Objective: Measured as	Date to be achieved by
Nitrogen Dioxide (NO₂)	200µg/m ³ not to be exceeded more than 18 times a year	1-hour mean	31.12.2005
Nitrogen Dioxide (NO₂)	40µg/m ³	Annual mean	31.12.2005
Particulate Matter (PM₁₀)	50µg/m ³ , not to be exceeded more than 35 times a year	24-hour mean	31.12.2010
Particulate Matter (PM₁₀)	40µg/m ³	Annual mean	31.12.2010
Sulphur dioxide (SO₂)	350µg/m ³ , not to be exceeded more than 24 times a year	1-hour mean	31.12.2004
Sulphur dioxide (SO₂)	125µg/m ³ , not to be exceeded more than 3 times a year	24-hour mean	31.12.2004
Sulphur dioxide (SO₂)	266µg/m ³ , not to be exceeded more than 35 times a year	15-minute mean	31.12.2005
Benzene	16.25µg/m ³	Running annual mean	31.12.2003
Benzene	5µg/m ³	Annual mean	31 12 2010
1,3 Butadiene	2.25µg/m ³	Running annual mean	31.12.2003
Carbon Monoxide	10.0mg/m ³	Maximum Daily Running 8-Hour mean	31.12.2003
Lead	0.25µg/m ³	Annual Mean	31.12.2008

Appendix C: Air Quality Monitoring Data QA/QC

QA/QC of Diffusion Tube Monitoring

- Gradko Environmental provided and analysed all our diffusion tubes in 2024 using the 50% TEA in Acetone method. They demonstrated satisfactory performance in the Air PT scheme.
- The same diffusion tube supplier (Gradko Environmental) was used for the full calendar year for all monitoring sites.
- The monitoring has been completed in adherence with the 2024 Diffusion Tube Monitoring Calendar.

Diffusion Tube Annualisation

All diffusion tube monitoring locations within Blaenau Gwent CBC recorded data capture of 75% therefore it was not required to annualise any monitoring data. In addition, any sites with a data capture below 25% do not require annualisation.

Diffusion Tube Bias Adjustment Factors

Blaenau Gwent CBC have applied a national bias adjustment factor of 0.88 to the 2024 monitoring data. A summary of bias adjustment factors used by Blaenau Gwent CBC over the past five years is presented in Table C.1.

Table C.1 – Bias Adjustment Factor

Year	Local or National	If National, Version of National Spreadsheet	Adjustment Factor
2024	National	06/25 (12 studies)	0.88
2023	National	06/24 (15 studies)	0.83
2022	National	6/22 (15 studies)	0.82
2021	National	6/22	0.82
2020	National	03/21	0.82

NO₂ Fall-off with Distance from the Road

No diffusion tube NO₂ monitoring locations within Blaenau Gwent CBC required distance correction during 2024.

QA/QC of Automatic Monitoring

Blaenau Gwent CBC does not undertake any automatic monitoring.

AutoSave Database_Diffusion_Tube_Bias_Factors_v06_25... Saved to this PC Search

File Home Insert Draw Page Layout Formulas Data Review View Automate Add-ins Help Acrobat Comments Share

Clipboard Font Alignment Number Styles Cells Editing Sensitivity Add-ins Analyse Data Create a PDF

F3329 CityOfLondon Corporation

National Diffusion Tube Bias Adjustment Factor Spreadsheet

Spreadsheet Version Number: 06/25

Follow the steps below **in the correct order** to show the results of **relevant** co-location studies

Data only apply to tubes exposed monthly and are not suitable for correcting individual short-term monitoring periods

Whenever presenting adjusted data, you should state the adjustment factor used and the version of the spreadsheet

This spreadsheet will be updated every few months: the factors may therefore be subject to change. This should not discourage their immediate use.

The LAQM Helpdesk is operated on behalf of Defra and the Devolved Administrations by Bureau Veritas, in conjunction with contract partners AECOM and the National Physical Laboratory.

Spreadsheet maintained by the National Physical Laboratory. Original compiled by Air Quality Consultants Ltd.

Step 1: Select the Laboratory that Analyses Your Tubes from the Drop-Down List

Step 2: Select a Preparation Method from the Drop-Down List

Step 3: Select a Year from the Drop-Down List

Step 4: Where there is only one study for a chosen combination, you should use the adjustment factor shown with caution. Where there is more than one study, use the overall factor³ shown in blue at the foot of the final column.

If a laboratory is not shown, we have no data for this laboratory.

If a preparation method is not shown, we have no data for this method at this laboratory.

If a year is not shown, we have no data.

If you have your own co-location study then see footnote⁴. If uncertain what to do then contact the Local Air Quality Management Helpdesk at LAQMHelpdesk@bureauveritas.com or 0800 0327953

Analysed By ¹	Method ²	Year ³	Site Type	Local Authority	Length of Study (months)	Diffusion Tube Mean Conc. (Dm) ($\mu\text{g}/\text{m}^3$)	Automatic Monitor Mean Conc. (Cm) ($\mu\text{g}/\text{m}^3$)	Bias (B)	Tube Precision ⁵	Bias Adjustment Factor (A) (Cm/Dm)
Gradko	50% TEA in acetone	2024	UB	City Of London Corporation	10	26	20	29.5%	G	0.77
Gradko	50% TEA in acetone	2024	R	City Of London Corporation	12	34	30	11.5%	G	0.90
Gradko	50% TEA in Acetone	2024	UB	Falkirk Council	11	13	13	-1.6%	G	1.02
Gradko	50% TEA in acetone	2024	SU	Redcar And Cleveland Borough Council	12	12	9	35.4%	G	0.74
Gradko	50% TEA in acetone	2024	KS	Marylebone Road Intercomparison	11	43	36	20.8%	G	0.83
Gradko	50% TEA in acetone	2024	R	Sandwell Mbc	12	30	25	24.2%	G	0.81
Gradko	50% TEA in acetone	2024	UB	Sandwell Mbc	12	19	17	8.0%	G	0.93
Gradko	50% TEA in acetone	2024	R	Sandwell Mbc	12	20	20	-2.6%	S	1.03
Gradko	50% TEA in Acetone	2024	R	London Borough Of Merton	12	27	22	25.7%	G	0.80
Gradko	50% TEA in acetone	2024	UB	London Borough Of Wandsworth	10	19	14	31.7%	G	0.76
Gradko	50% TEA in acetone	2024	R	London Borough Of Richmond Upon Thames	12	18	19	-9.1%	G	1.10
Gradko	50% TEA in acetone	2024	B	London Borough Of Richmond Upon Thames	12	13	13	5.0%	G	0.95
Gradko	50% TEA in acetone	2024		Overall Factor ³ (12 studies)				Use		0.88

Collocation Data Revisions +

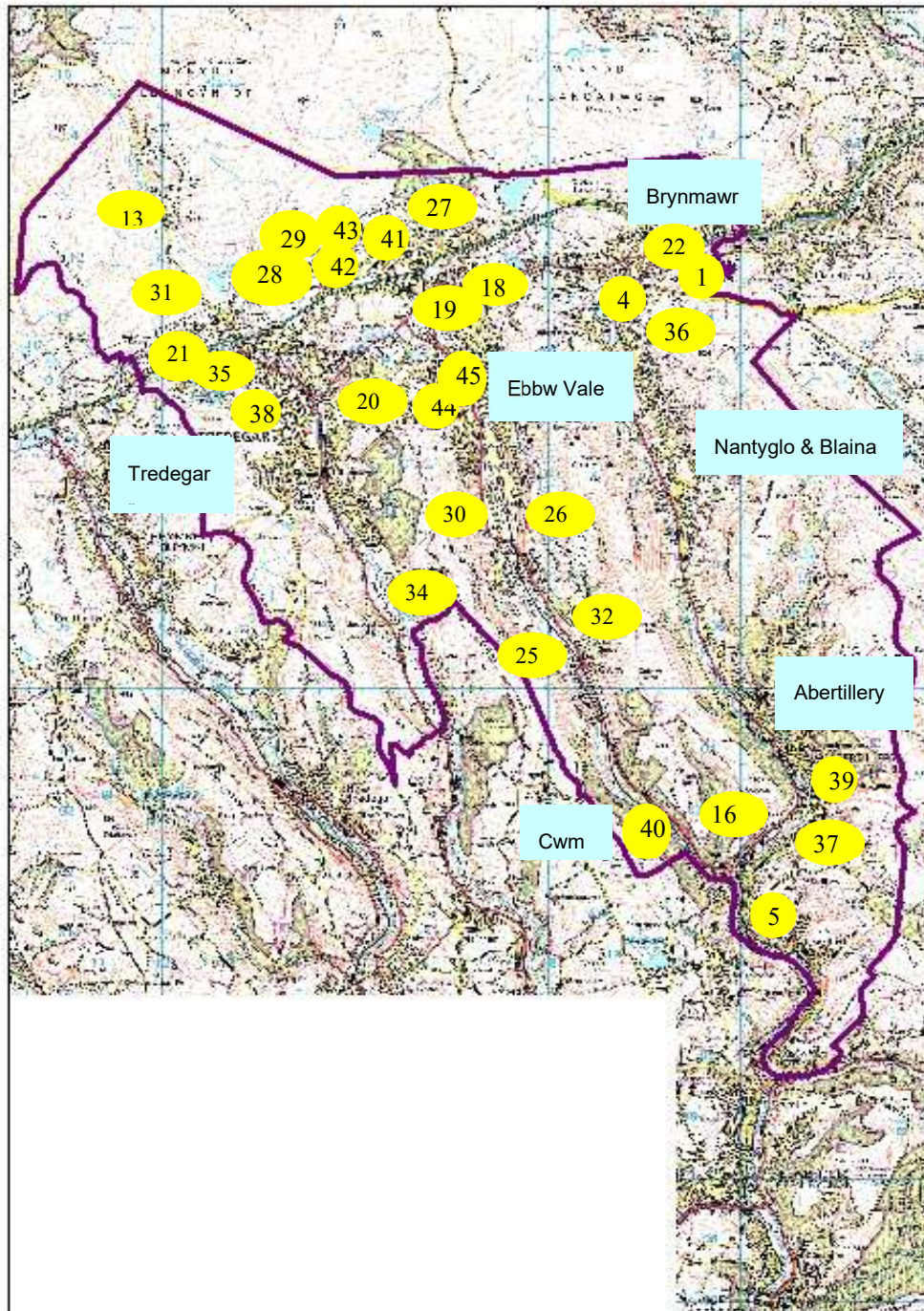
Ready Filter Mode Accessibility: Investigate

Count: 12

15°C Light rain Search

15:50 04/09/2025

Appendix D: Blaenau Gwent CBC boundary area and diffusion tube location plans



Appendix E- Individual location plans for all diffusion tubes within Blaenau Gwent 2024



Blaenau Gwent County Borough Council

Location: BGBC-01- The Darren, Daren-felen Road, Brynmawr

Easting: 319540 Northing: 211953

Reproduced from the Ordnance Survey Mapping with the permission of Her Majesty's Stationary Office (C) Crown Copyright. Unauthorised reproduction infringes Crown Copyright and may lead to prosecution or civil proceedings. BGBCB - LA09002L. Atgynhyrchwyd o Fapiau'r Ordnance Survey chaniatod Rheolwr Llyfifa Ei Mawrhydi (c) Hawlfraint y Goron. Y mae atgynhyrchu heb awdurdod yn torri Hawlfraint y Goron a gall arwain at erlyniad neu achosion sifil. BGBCB - LA09002L



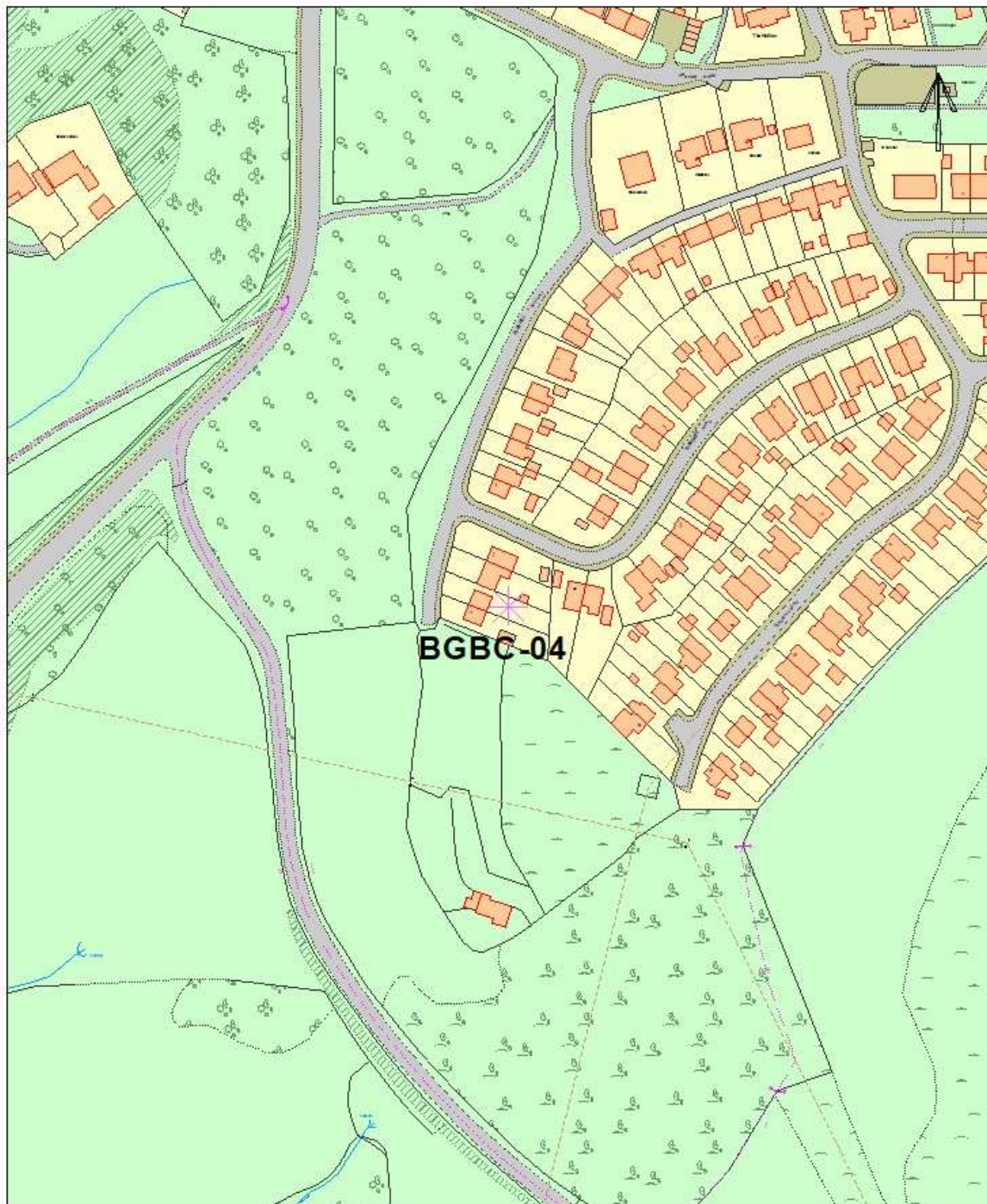


Blaenau Gwent County Borough Council

Location: BGBC-04- 22 Parkhill, Beaufort, Ebbw Vale

Easting: 317307 Northing: 211285

Reproduced from the Ordnance Survey Mapping with the permission of Her Majesty's Stationary Office (C) Crown Copyright.
 Unauthorised reproduction infringes Crown Copyright and may lead to prosecution or civil proceedings. BGBC - LA09002L.
 Atgynhychwyd o Fapiau'r Ordnance Survey chaniated Rheolwr Llyfifa Ei Mawrhydi (c) Hawlfraint y Goron.
 Y mae atgynhyrchu heb awdurdod yn torri Hawlfraint y Goron a gall arwain at erlyniad neu achosion sifil. BGBC - LA09002L



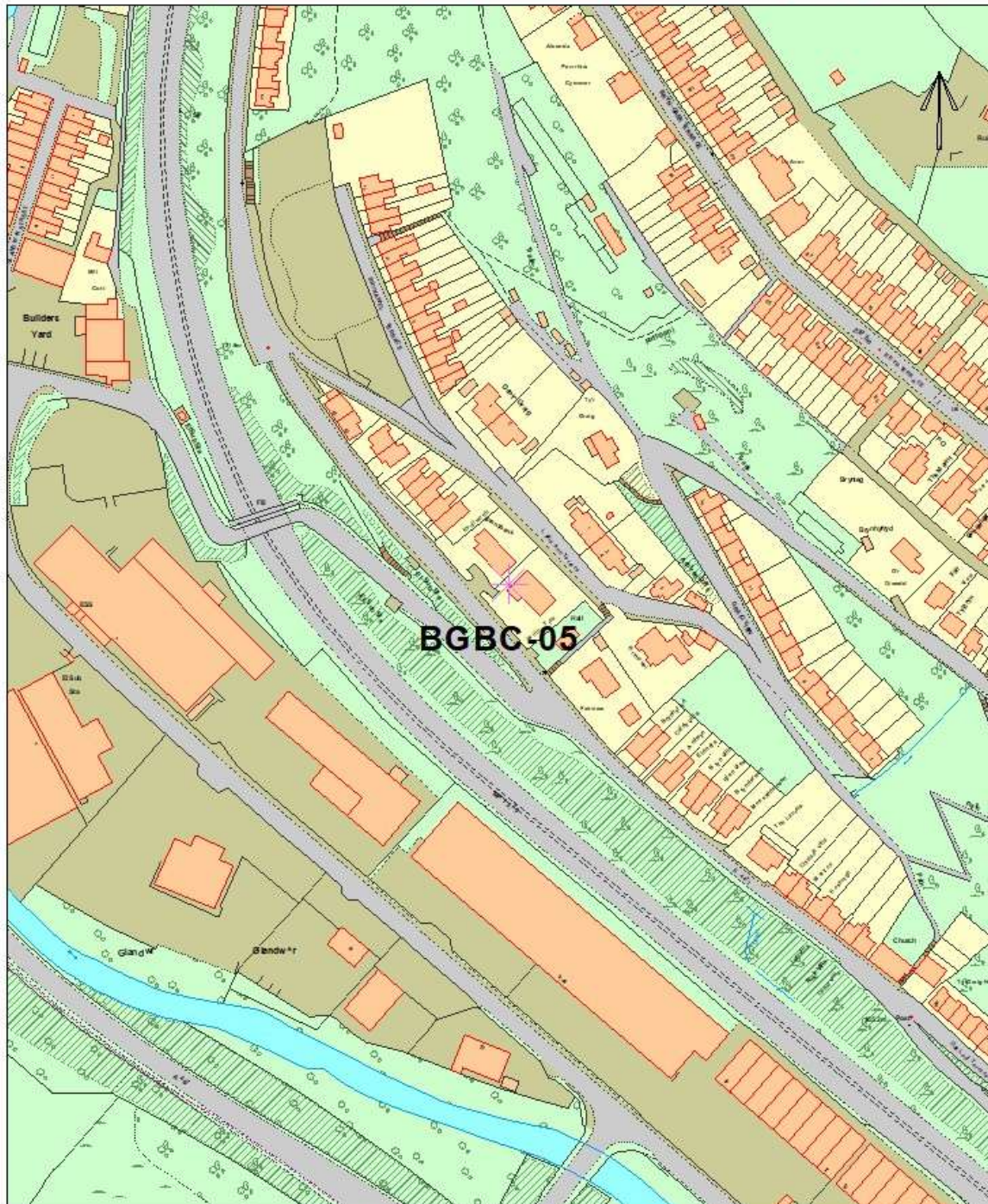


Blaenau Gwent County Borough Council

Location: BGBC-05- Willow Tree Bungalow, Aberbeeg

Easting: 321132 Northing: 201113

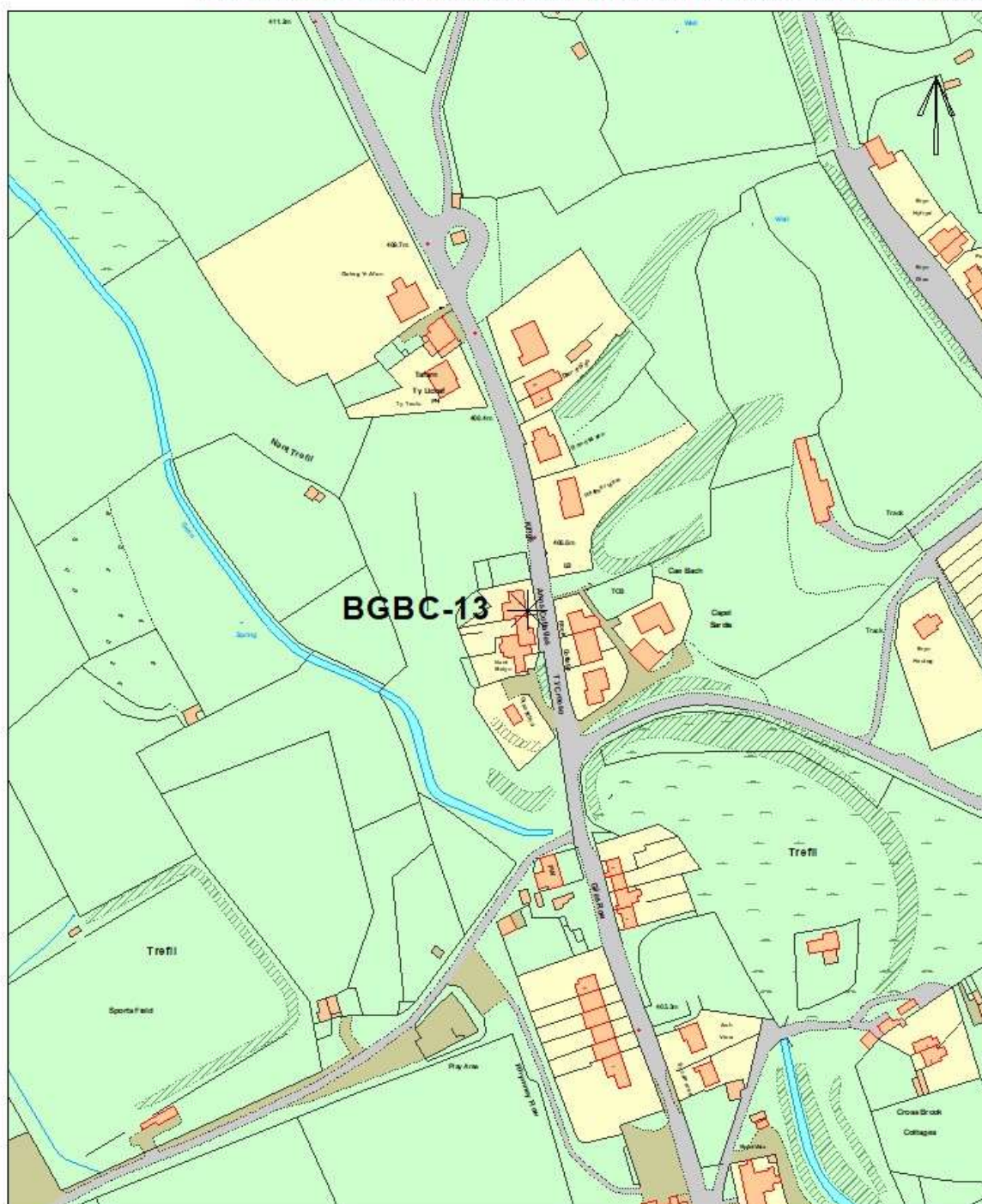
Reproduced from the Ordnance Survey Mapping with the permission of Her Majesty's Stationary Office (C) Crown Copyright. Unauthorised reproduction infringes Crown Copyright and may lead to prosecution or civil proceedings. BGBCB - LA09002L. Atgynhyrchwyd o Fapiau'r Ordnance Survey chaniatod Rheolwr Llyfifa Ei Mawrhydi (c) Hawlfraint y Goron. Y mae atgynhyrchu heb awdurdod yn torri Hawlfraint y Goron a gall arwain at erlyniad neu achosion sifil. BGBCB - LA09002L



Location: BGBC-13- 3 Kings Arms Cottages, Trefil, Tredegar

Easting: 312004 Northing: 212779

Reproduced from the Ordnance Survey Mapping with the permission of Her Majesty's Stationary Office (C) Crown Copyright.
Unauthorised reproduction infringes Crown Copyright and may lead to prosecution or civil proceedings. BG CBC - LA09002L.
*Atgynhrychwyd o Fapiau'r Ordnance Survey chaniatod Rheolwr Llyfya Ei Mawrhydi (c) Hawlfraint y Goron.
Y mae atgynhrychu heb awdurdod yn torri Hawlfraint y Goron a gall arwain at erlyniad neu achosion sifil. BG CBC - LA09002L*



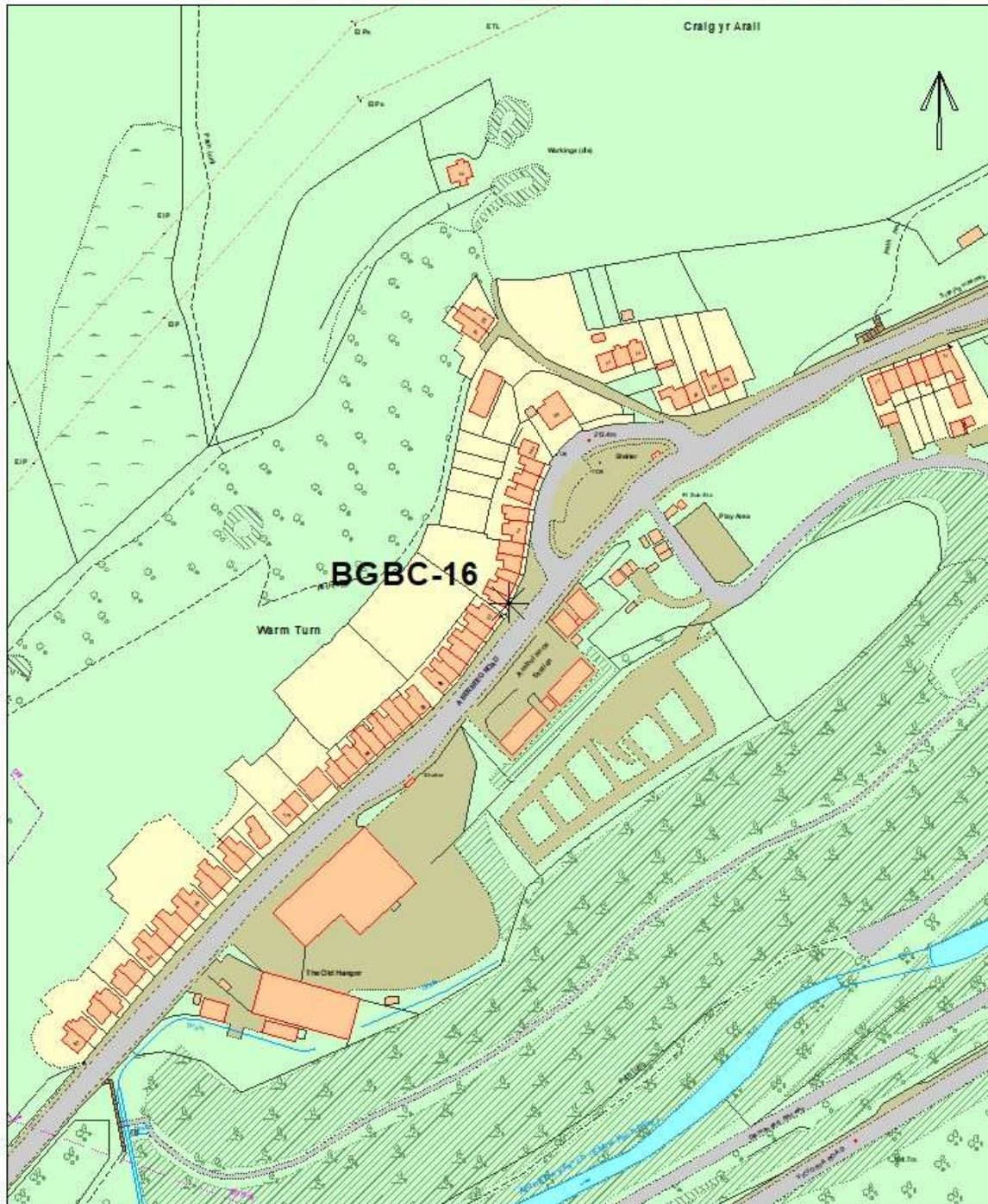


Blaenau Gwent County Borough Council

Location: BGBC-16- 49 Aberbeeg Road, Aberbeeg

Easting: 321432 Northing: 202667

Reproduced from the Ordnance Survey Mapping with the permission of Her Majesty's Stationary Office (C) Crown Copyright.
 Unauthorised reproduction infringes Crown Copyright and may lead to prosecution or civil proceedings. BGBC - LA09002L.
 Atgynhychwyd o Fapiau'r Ordnance Survey chaniated Rheolwr Llyfifa Ei Mawrhydi (c) Hawlfraint y Goron.
 Y mae atgynhyrchu heb awdurdod yn torri Hawlfraint y Goron a gall arwain at erlyniad neu achosion sifil. BGBC - LA09002L



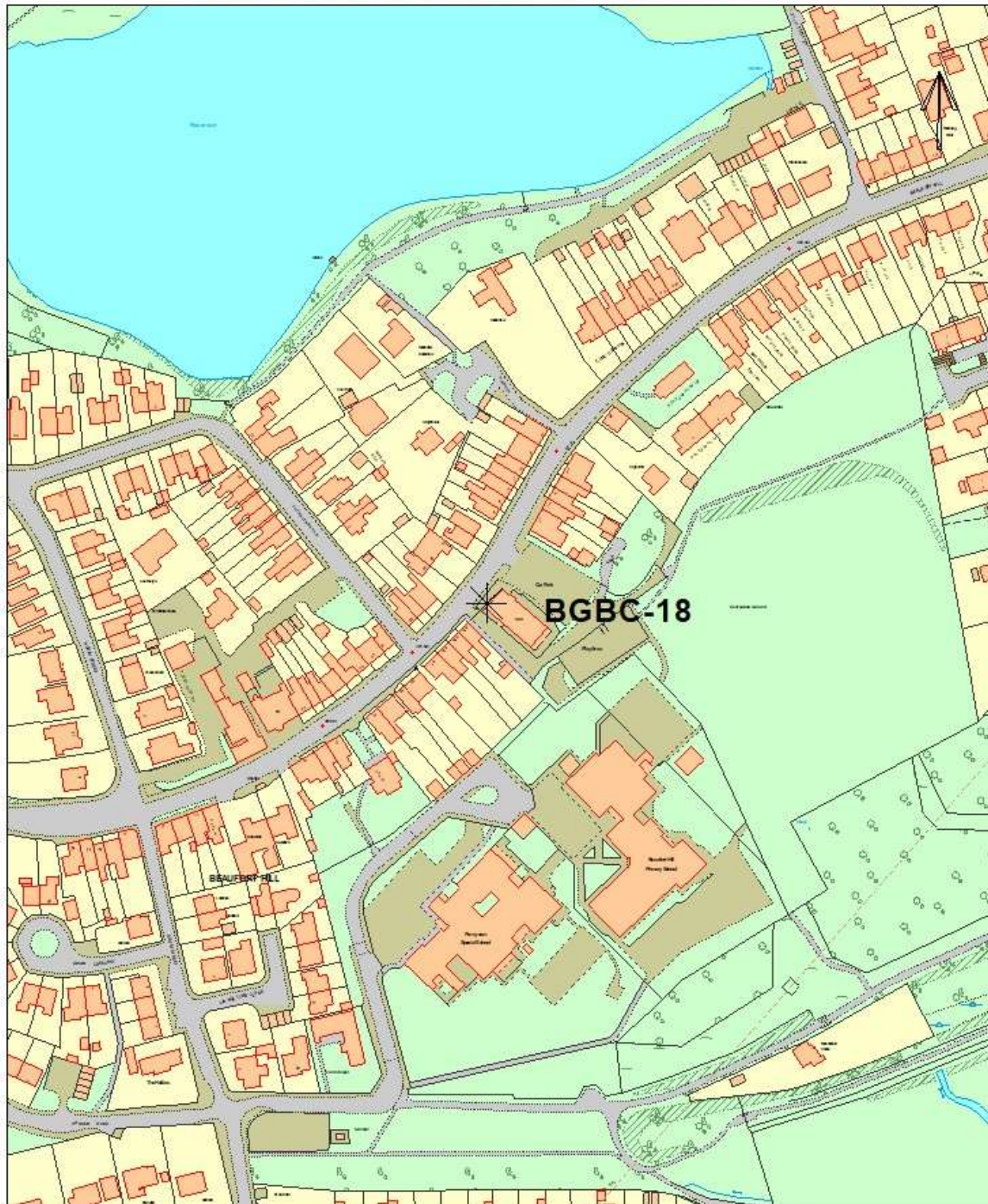


Blaenau Gwent County Borough Council

Location: BGBC-18- Welfare Hall, Beaufort Hill, Ebbw Vale

Easting: 317543 Northing: 211693

Reproduced from the Ordnance Survey Mapping with the permission of Her Majesty's Stationary Office (C) Crown Copyright. Unauthorised reproduction infringes Crown Copyright and may lead to prosecution or civil proceedings. BGBCB - LA09002L. Atgynhychwyd o Fapiau'r Ordnance Survey chaniatod Rheolwr Llyfifa Ei Mawrhydi (c) Hawlfraint y Goron. Y mae atgynhychu heb awdurdod yn torri Hawlfraint y Goron a gall arwain at erlyniad neu achosion sifil. BGBCB - LA09002L



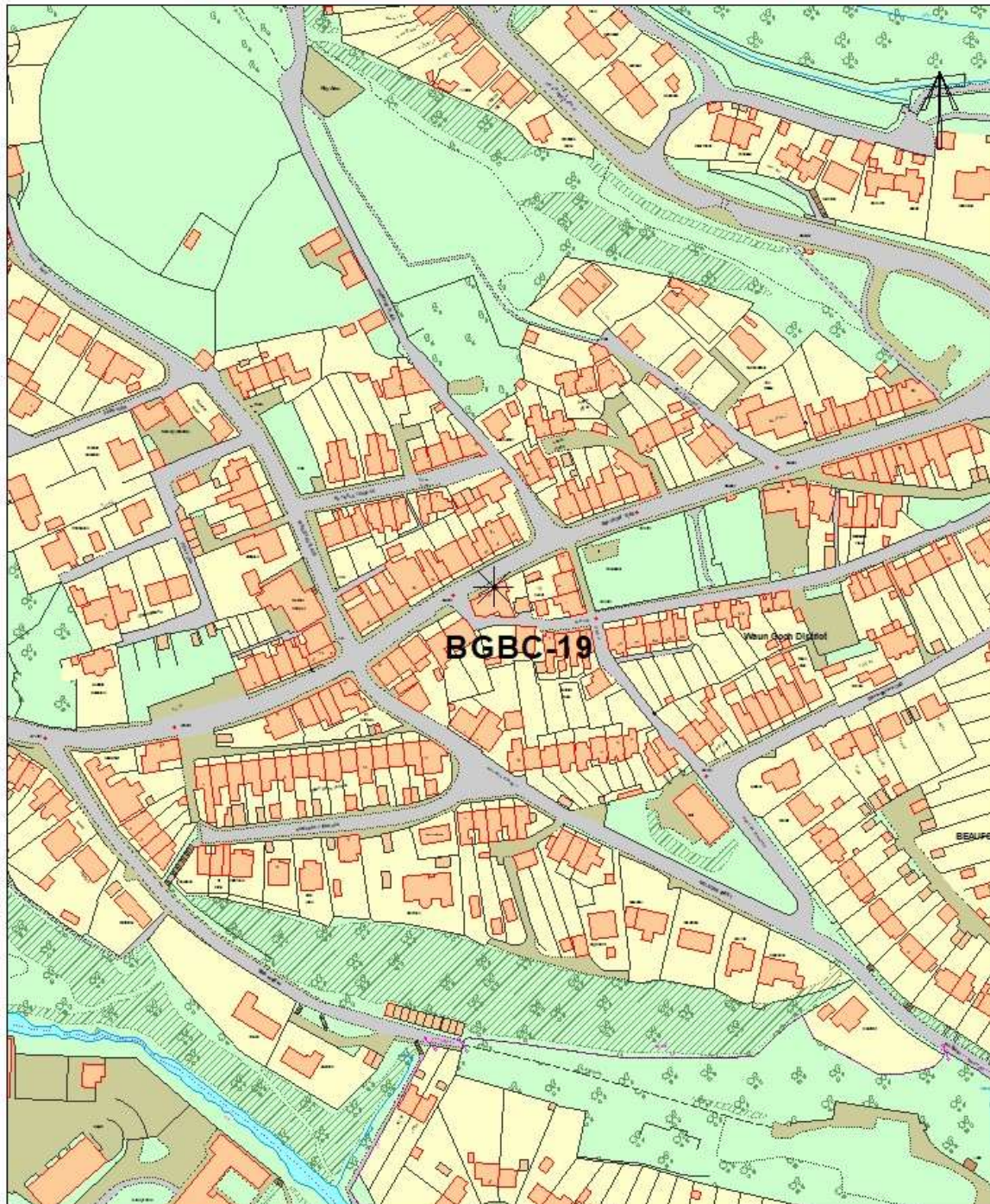


Blaenau Gwent County Borough Council

Location: BGBC-19- 42 Beaufort Rise, Ebbw Vale

Easting: 316672 Northing: 211595

Reproduced from the Ordnance Survey Mapping with the permission of Her Majesty's Stationary Office (C) Crown Copyright. Unauthorised reproduction infringes Crown Copyright and may lead to prosecution or civil proceedings. BGBCB - LA09002L. Atgynhyrchwyd o Fapiau'r Ordnance Survey chaniatod Rheolwr Llyfifa Ei Mawrhydi (c) Hawlfraint y Goron. Y mae atgynhyrchu heb awdurdod yn torri Hawlfraint y Goron a gall arwain at erlyniad neu achosion sifil. BGBCB - LA09002L





Blaenau Gwent County Borough Council

Location: BGBC-20- 122 Beaufort Road, Tredegar

Easting: 314854 Northing: 210235

Reproduced from the Ordnance Survey Mapping with the permission of Her Majesty's Stationary Office (C) Crown Copyright. Unauthorised reproduction infringes Crown Copyright and may lead to prosecution or civil proceedings. BGBCB - LA09002L. Atgynhychwyd o Fapiau'r Ordnance Survey chaniated Rheolwr Llyfifa Ei Mawrhydi (c) Hawlfraint y Goron. Y mae atgynhychu heb awdurdod yn torri Hawlfraint y Goron a gall arwain at erlyniad neu achosion sifil. BGBCB - LA09002L



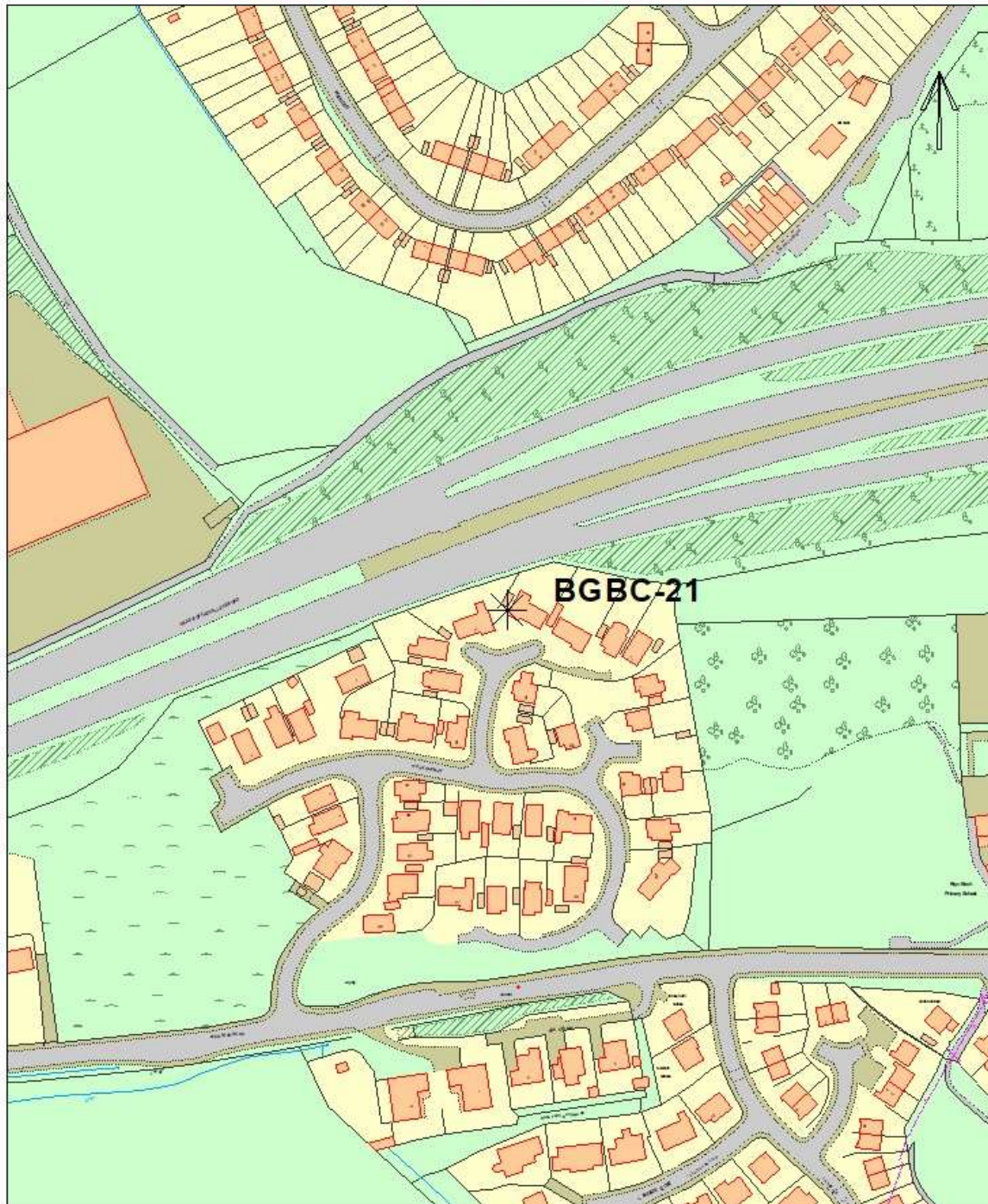


Blaenau Gwent County Borough Council

Location: BGBC-21- 14 Bryn Rhosyn, Merthyr Road, Tredegar

Easting: 312842 Northing: 210590

Reproduced from the Ordnance Survey Mapping with the permission of Her Majesty's Stationary Office (C) Crown Copyright.
 Unauthorised reproduction infringes Crown Copyright and may lead to prosecution or civil proceedings. BGBC - LA09002L.
 Atgynhyrchwyd o Fapiau'r Ordnance Survey chaniatod Rheolwr Llyfifa Ei Mawrhydi (c) Hawlfraint y Goron.
 Y mae atgynhyrchu heb awdurdod yn torri Hawlfraint y Goron a gall arwain at erlyniad neu achosion sifil. BGBC - LA09002L



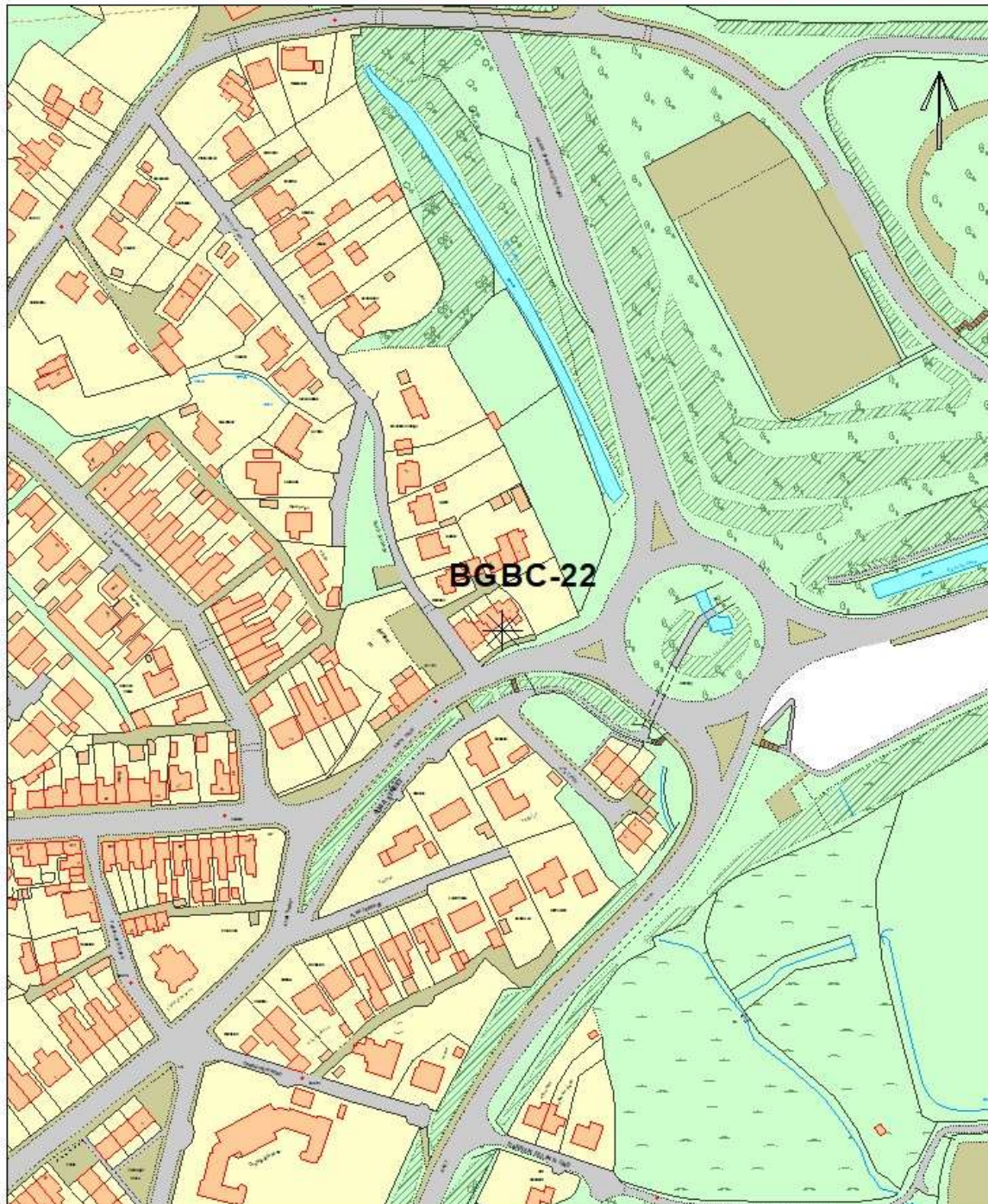


Blaenau Gwent County Borough Council

Location: BGBC-22- 2 King Street, Brynmawr

Easting: 319561 Northing: 212138

Reproduced from the Ordnance Survey Mapping with the permission of Her Majesty's Stationary Office (C) Crown Copyright.
 Unauthorised reproduction infringes Crown Copyright and may lead to prosecution or civil proceedings. BGBC - LA09002L.
 Atgynhyrchwyd o Fapiau'r Ordnance Survey chaniatod Rheolwr Llyfifa Ei Mawrhydi (c) Hawlfraint y Goron.
 Y mae atgynhyrchu heb awdurdod yn torri Hawlfraint y Goron a gall arwain at erlyniad neu achosion sifil. BGBC - LA09002L



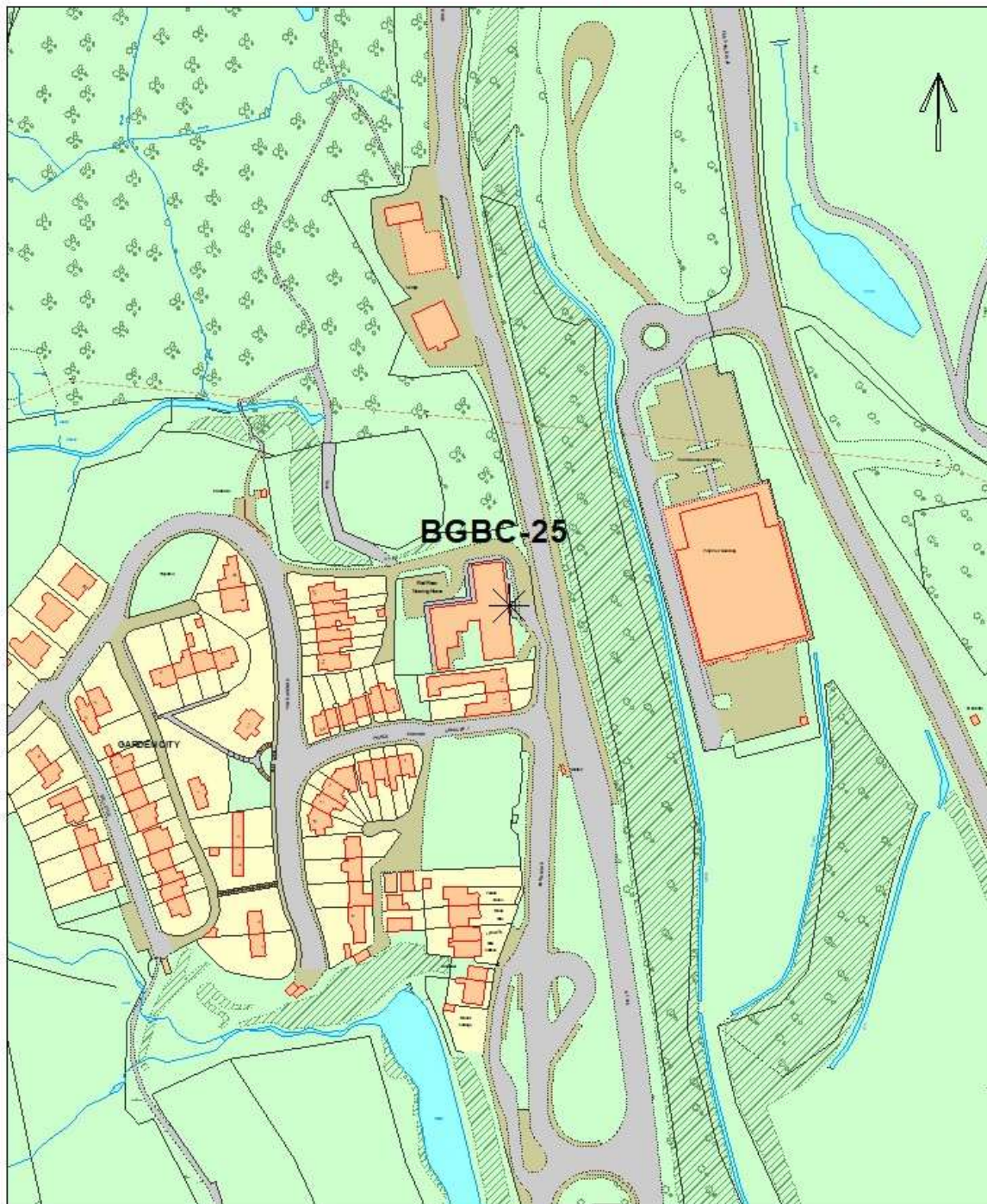


Blaenau Gwent County Borough Council

Location: BGBC-25- Red Rose Care Centre, Park Road, Ebbw Val

Easting: 316990 **Northing:** 207896

Reproduced from the Ordnance Survey Mapping with the permission of Her Majesty's Stationary Office (C) Crown Copyright. Unauthorised reproduction infringes Crown Copyright and may lead to prosecution or civil proceedings. BGBC - LA09002L.
 Atgynhychwyd o Fapiau'r Ordnance Survey chaniated Rheolwr Llyfifa Ei Mawrhydi (c) Hawlfraint y Goron.
 Y mae atgynhyrchu heb awdurdod yn torri Hawlfraint y Goron a gall arwain at erlyniad neu achosion sifil. BGBC - LA09002L



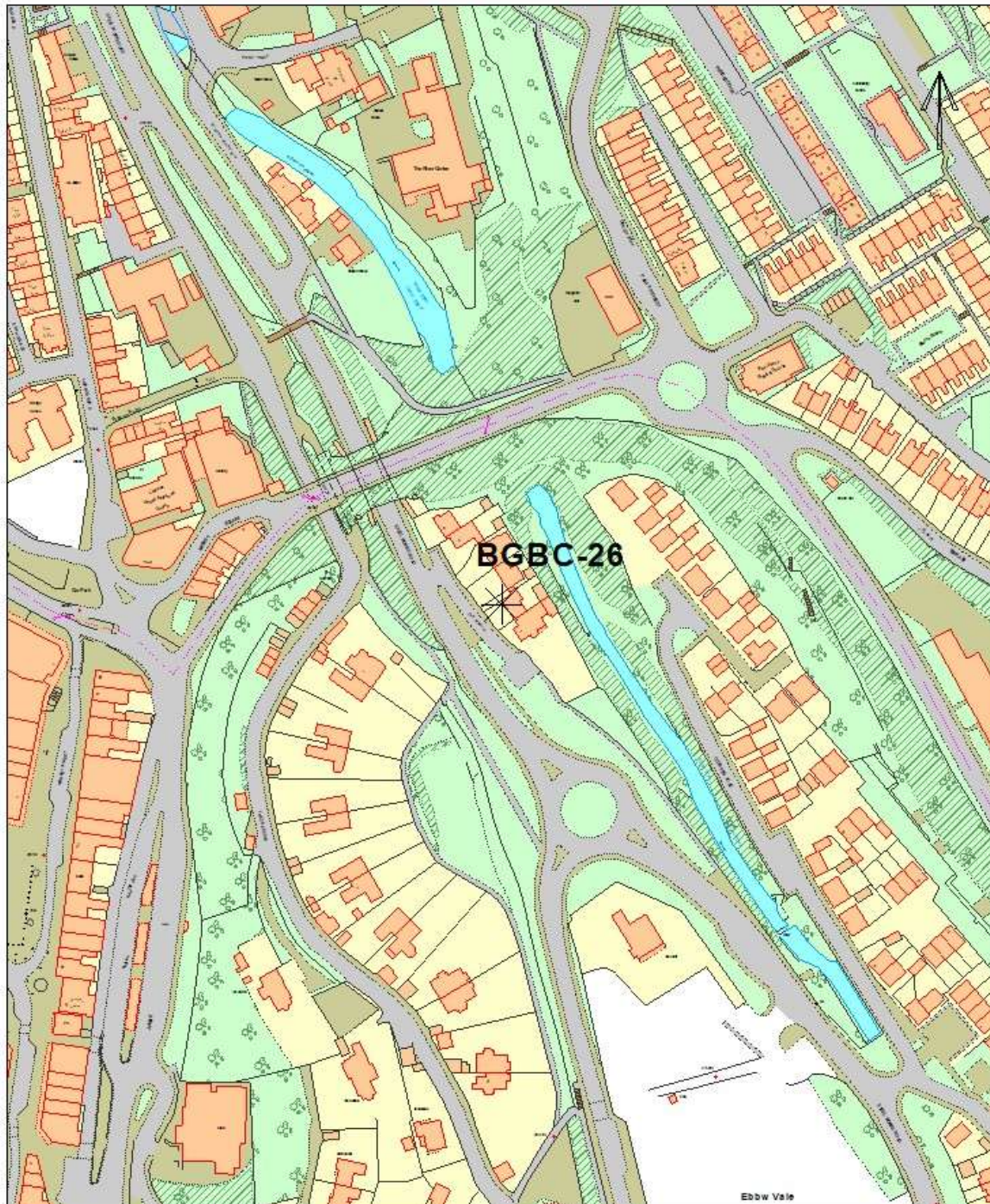


Blaenau Gwent County Borough Council

Location: BGBC-26- 2 The Dingle, Ebbw Vale

Easting: 316979 Northing: 209842

Reproduced from the Ordnance Survey Mapping with the permission of Her Majesty's Stationary Office (C) Crown Copyright. Unauthorised reproduction infringes Crown Copyright and may lead to prosecution or civil proceedings. BGBCB - LA09002L. Atgynhyrchwyd o Fapiau'r Ordnance Survey chaniated Rheolwr Llyfifa Ei Mawrhydi (c) Hawlfraint y Goron. Y mae atgynhyrchu heb awdurdod yn torri Hawlfraint y Goron a gall arwain at erlyniad neu achosion sifil. BGBCB - LA09002L



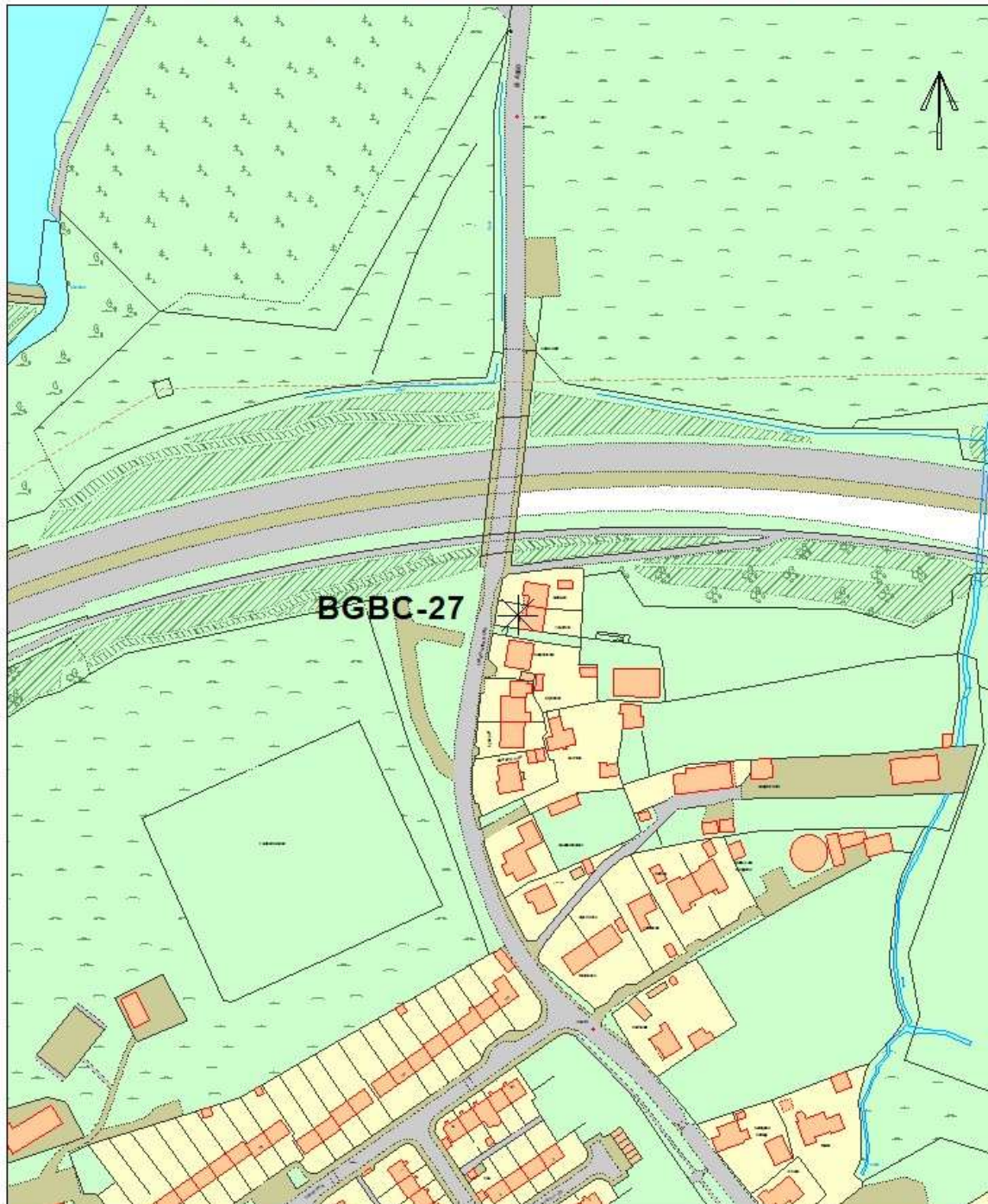


Blaenau Gwent County Borough Council

Location: BGBC-27 - Tyn y Rhyn, Llangynidr Road, Ebbw Vale

Easting: 316712 Northing: 212801

Reproduced from the Ordnance Survey Mapping with the permission of Her Majesty's Stationary Office (C) Crown Copyright. Unauthorised reproduction infringes Crown Copyright and may lead to prosecution or civil proceedings. BGBC - LA09002L. Atgynhyrchwyd o Fapiau'r Ordnance Survey chaniatod Rheolwr Llyfys Ei Mawrhydi (c) Hawlfraint y Goron. Y mae atgynhyrchu heb awdurdod yn torri Hawlfraint y Goron a gall arwain at erlyniad neu achosion sifil. BGBC - LA09002L



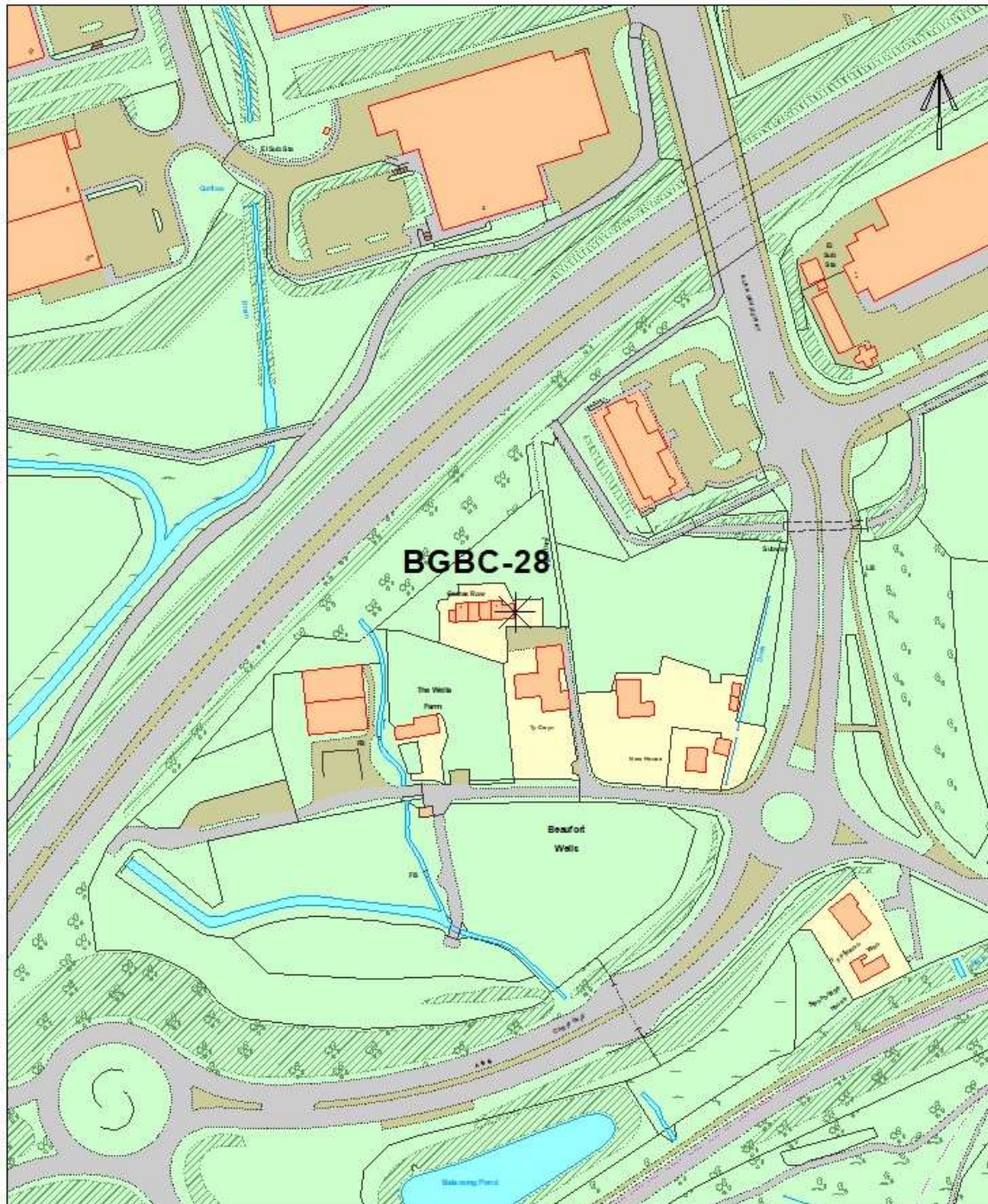


Blaenau Gwent County Borough Council

Location: BGBC-28- 1 Coates Row, Rassau, Ebbw Vale

Easting: 314491 Northing: 211644

Reproduced from the Ordnance Survey Mapping with the permission of Her Majesty's Stationary Office (C) Crown Copyright. Unauthorised reproduction infringes Crown Copyright and may lead to prosecution or civil proceedings. BGBCB - LA09002L. Atgynhychwyd o Fapiau'r Ordnance Survey chaniatod Rheolwr Llyfifa Ei Mawrhydi (c) Hawlfraint y Goron. Y mae atgynhychu heb awdurdod yn torri Hawlfraint y Goron a gall arwain at erlyniad neu achosion sifil. BGBCB - LA09002L





Blaenau Gwent County Borough Council

Location: BGBC-29- 10 Ivy Close, Rassau, Ebbw Vale.

Easting: 315323 Northing: 211938

Reproduced from the Ordnance Survey Mapping with the permission of Her Majesty's Stationary Office (C) Crown Copyright. Unauthorised reproduction infringes Crown Copyright and may lead to prosecution or civil proceedings. BGBC - LA09002L. Atgynhychwyd o Fapiau'r Ordnance Survey chaniated Rheolwr Llyfifa Ei Mawrhydi (c) Hawlfraint y Goron. Y mae atgynhyrchu heb awdurdod yn torri Hawlfraint y Goron a gall arwain at erlyniad neu achosion sifil. BGBC - LA09002L





Blaenau Gwent County Borough Council

Location: BGBC-30- 8 Annes Court, Ebbw Vale.

Easting: 316005 Northing: 210184

Reproduced from the Ordnance Survey Mapping with the permission of Her Majesty's Stationary Office (C) Crown Copyright. Unauthorised reproduction infringes Crown Copyright and may lead to prosecution or civil proceedings. BGBCB - LA09002L. Atgynhyrchwyd o Fapiau'r Ordnance Survey chaniatod Rheolwr Llyfifa Ei Mawrhydi (c) Hawlfraint y Goron. Y mae atgynhyrchu heb awdurdod yn torri Hawlfraint y Goron a gall arwain at erlyniad neu achosion sifil. BGBCB - LA09002L





Blaenau Gwent County Borough Council

Location: BGBC-31- 18 Maes Morgan, Tredegar.

Easting: 312664 Northing: 210970

Reproduced from the Ordnance Survey Mapping with the permission of Her Majesty's Stationary Office (C) Crown Copyright.
 Unauthorised reproduction infringes Crown Copyright and may lead to prosecution or civil proceedings. BGBCB - LA09002L.
 Atgynhyrchwyd o Fapiau'r Ordnance Survey chaniatod Rheolwr Llyfifa Ei Mawrhydi (c) Hawlfraint y Goron.
 Y mae atgynhyrchu heb awdurdod yn torri Hawlfraint y Goron a gall arwain at erlyniad neu achosion sifil. BGBCB - LA09002L



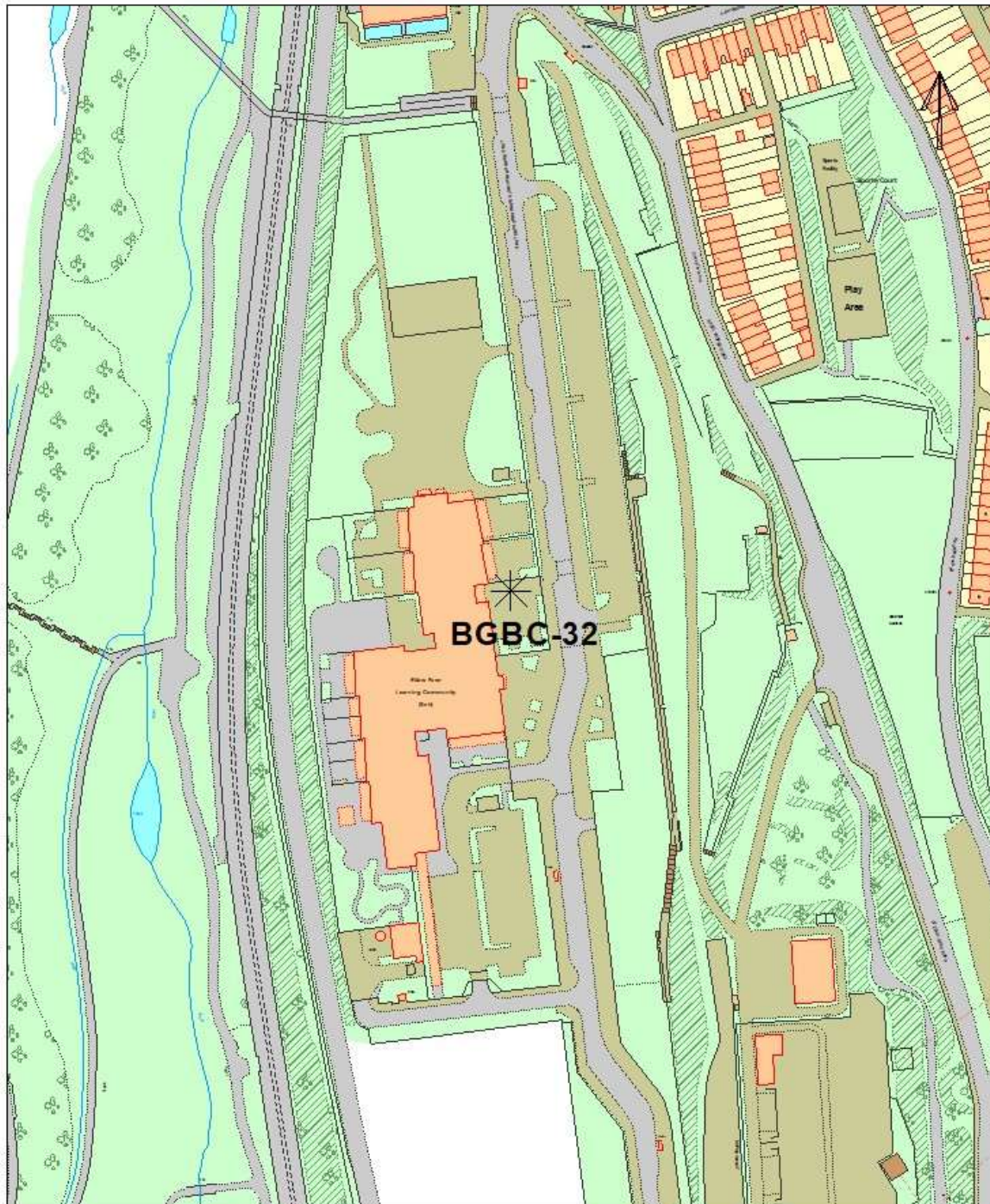


Blaenau Gwent County Borough Council

Location: BGBC-32- Ebbw Fawr Learning Campus, Primary School

Easting: 317389 Northing: 208312

Reproduced from the Ordnance Survey Mapping with the permission of Her Majesty's Stationary Office (C) Crown Copyright. Unauthorised reproduction infringes Crown Copyright and may lead to prosecution or civil proceedings. BGBCB - LA09002L. Atgynhychwyd o Fapiau'r Ordnance Survey chaniated Rheolwr Llyfifa Ei Mawrhydi (c) Hawlfraint y Goron. Y mae atgynhychu heb awdurdod yn torri Hawlfraint y Goron a gall arwain at erlyniad neu achosion sifil. BGBCB - LA09002L





Blaenau Gwent County Borough Council

Location: BGBC-34- Georgetown Primary School, Oakfield Road,

Easting: 314842 Northing: 208255

Reproduced from the Ordnance Survey Mapping with the permission of Her Majesty's Stationary Office (C) Crown Copyright. Unauthorised reproduction infringes Crown Copyright and may lead to prosecution or civil proceedings. BGBCB - LA09002L. Atgynhychwyd o Fapiau'r Ordnance Survey chaniated Rheolwr Llyfifa Ei Mawrhydi (c) Hawlfraint y Goron. Y mae atgynhychu heb awdurdod yn torri Hawlfraint y Goron a gall arwain at erlyniad neu achosion sifil. BGBCB - LA09002L





Blaenau Gwent County Borough Council

Location: BGBC-35- Brynbach Primary School, Merthyr Road, Tr

Easting: 313056 Northing: 210464

Reproduced from the Ordnance Survey Mapping with the permission of Her Majesty's Stationary Office (C) Crown Copyright. Unauthorised reproduction infringes Crown Copyright and may lead to prosecution or civil proceedings. BGBCB - LA09002L. Atgynhyrchwyd o Fapiau'r Ordnance Survey chaniatod Rheolwr Llyfifa Ei Mawrhydi (c) Hawlfraint y Goron. Y mae atgynhyrchu heb awdurdod yn torri Hawlfraint y Goron a gall arwain at erlyniad neu achosion sifil. BGBCB - LA09002L





Blaenau Gwent County Borough Council

Location: BGBC-36- St Mary's RC Primary School, Brynmawr.

Easting: 319229 Northing: 211595

Reproduced from the Ordnance Survey Mapping with the permission of Her Majesty's Stationary Office (C) Crown Copyright. Unauthorised reproduction infringes Crown Copyright and may lead to prosecution or civil proceedings. BGBCB - LA09002L. Atgynhyrchwyd o Fapiau'r Ordnance Survey chaniatod Rheolwr Llyfifa Ei Mawrhydi (c) Hawlfraint y Goron. Y mae atgynhyrchu heb awdurdod yn torri Hawlfraint y Goron a gall arwain at erlyniad neu achosion sifil. BGBCB - LA09002L



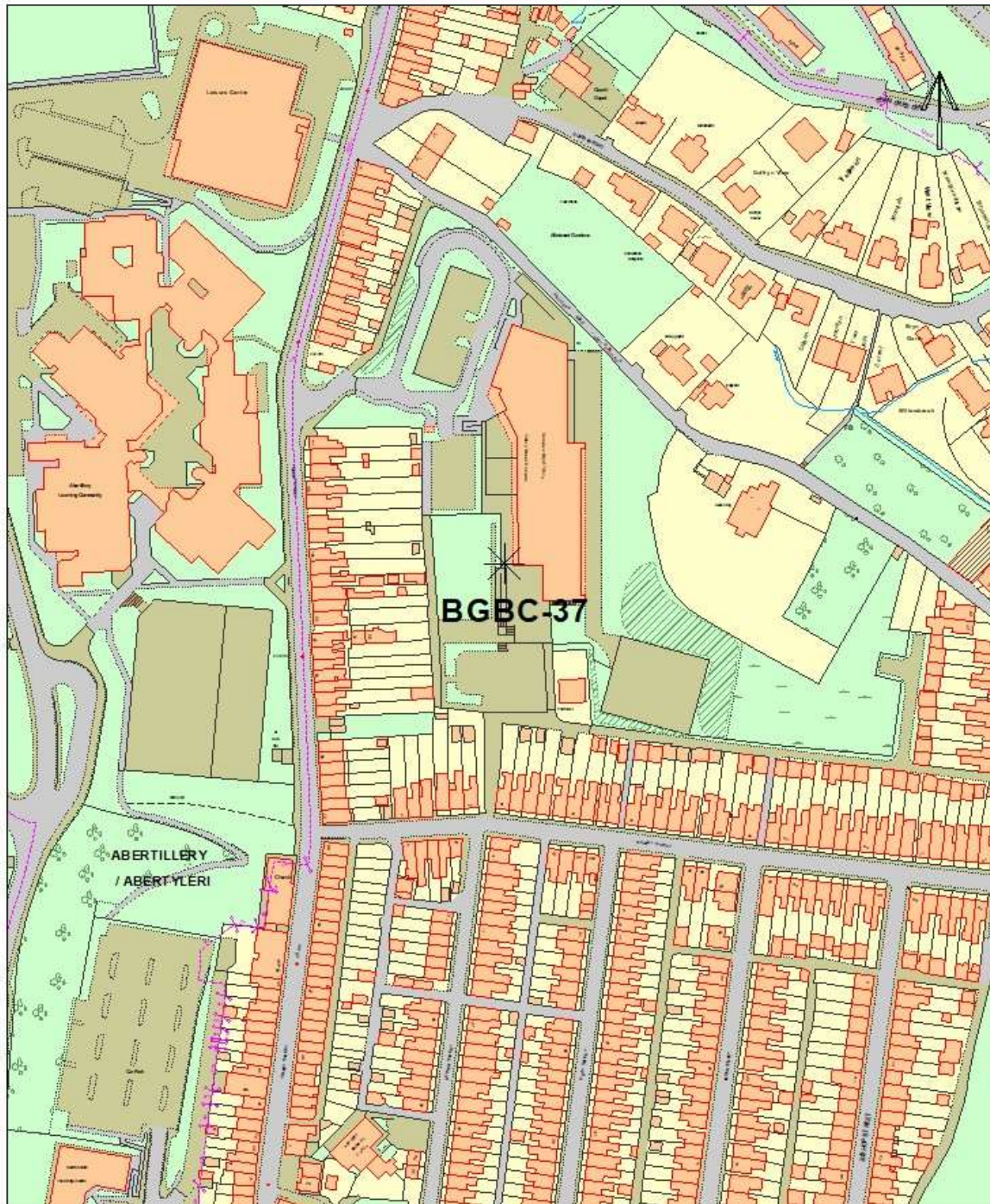


Blaenau Gwent County Borough Council

Location: BGBC-37 - Abertillery Learning Campus, Tillery Stre

Easting: 321892 Northing: 204585

Reproduced from the Ordnance Survey Mapping with the permission of Her Majesty's Stationary Office (C) Crown Copyright. Unauthorised reproduction infringes Crown Copyright and may lead to prosecution or civil proceedings. BGBC - LA09002L. Atgynhychwyd o Fapiau'r Ordnance Survey chaniated Rheolwr Llyfifa Ei Mawrhydi (c) Hawlfraint y Goron. Y mae atgynhychu heb awdurdod yn torri Hawlfraint y Goron a gall arwain at erlyniad neu achosion sifil. BGBC - LA09002L



Cyngor Bwrdeistref Sirol **Blaenau Gwent** County Borough Council

Richard Crook BSc, DipTP, MBA, MRTPI

Corporate Director Environment and Regeneration / Cyfarwyddwr Corfforaethol yr Amgylchedd ac Adfywio

PROJECT : BGBC-38

TITLE : Deighton Primary School,
E: Stockton Way, Tredegar



Blaenau Gwent

© Crown copyright and database rights 2013 Ordnance Survey LA09002L

© Hawlfraint y Goron a hawliau cronfa ddata 2013 Arolwg Ordians LA09002L

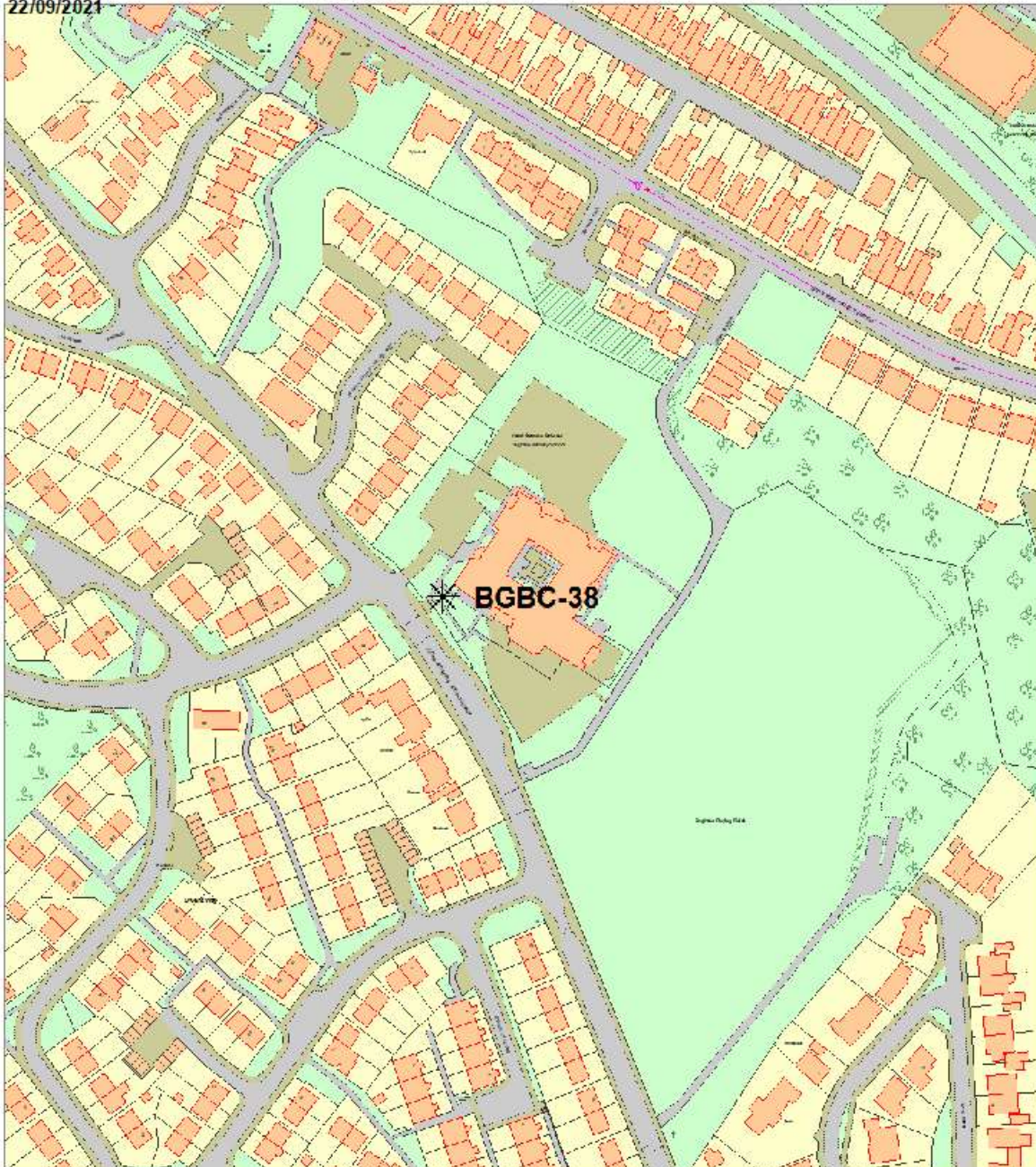


Date :

22/09/2021

Map Reference : SO1309NE

Scale : 1:2000



^ NB: This reply to your enquiry is believed to be accurate but cannot be guaranteed.

The County Borough Council, as Highway Authority, accept no liability for any loss or damage resulting from this reply, howsoever caused.

Cyngor Bwrdeistref Sirol **Blaenau Gwent** County Borough Council

Richard Crook BSc, DipTP, MBA, MRTPI

Corporate Director Environment and Regeneration / Cyfarwyddwr Corfforaethol yr Amgylchedd ac Adfywio

PROJECT BGBC-39



Blaenau Gwent

TITLE Six Bells Primary Campus
E: Six Bells Road, Abertillery,

© Crown copyright and database rights 2013 Ordnance Survey LA09002L

© Hawlfraint y Goron a hawliau cronfa ddata 2013 Arolwg Ordans LA09002L

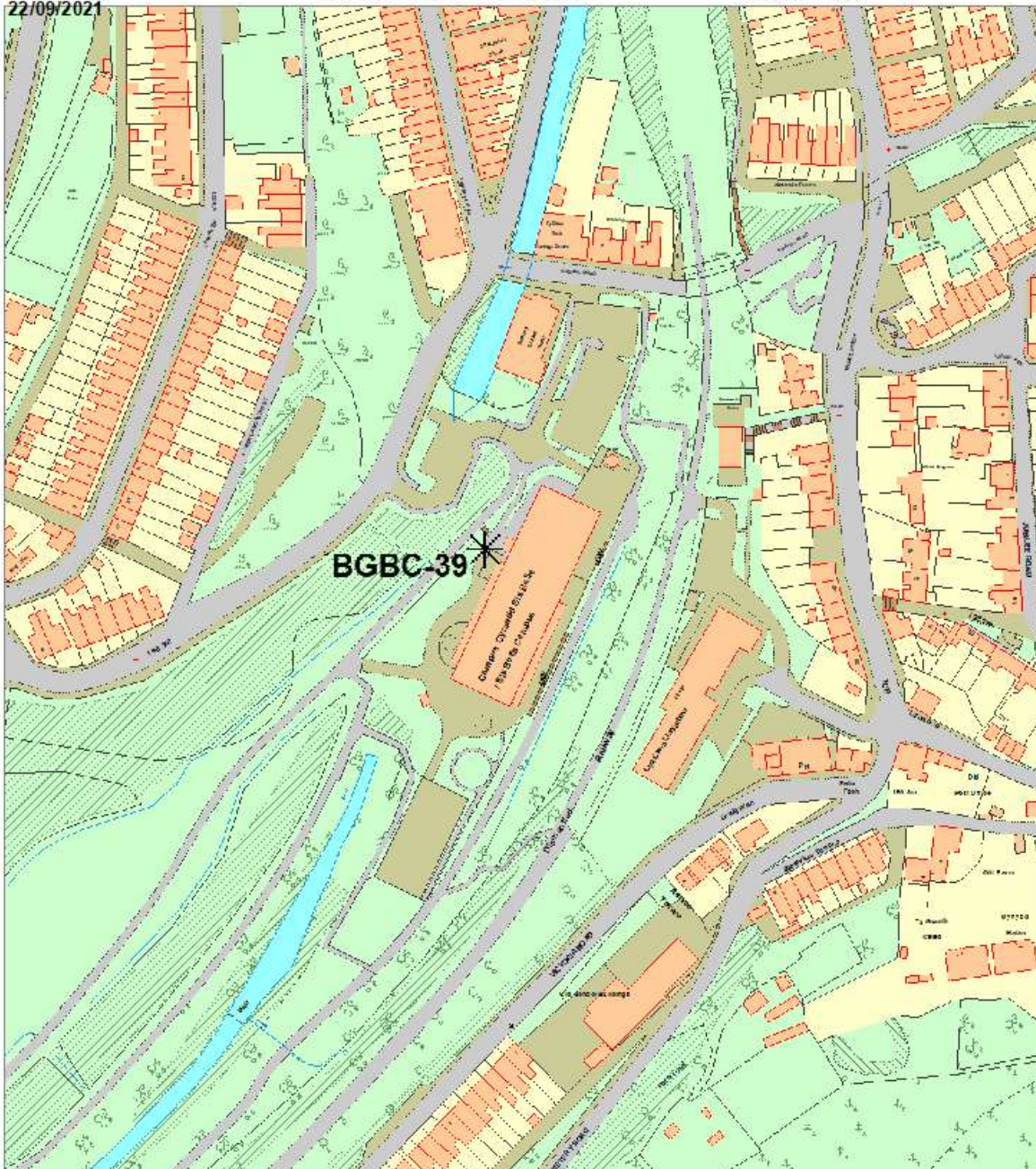


Date :

Map Reference : SO2202NW

Scale : 1:1800

22/09/2021



^ NB: This reply to your enquiry is believed to be accurate but cannot be guaranteed.

The County Borough Council, as Highway Authority, accept no liability for any loss or damage resulting from this reply, howsoever caused.

Cyngor Bwrdeistref Sirol **Blaenau Gwent** County Borough Council

Richard Crook BSc, DipTP, MBA, MRTPI

Corporate Director Environment and Regeneration / Cyfarwyddwr Corfforaethol yr Amgylchedd ac Adfywio

PROJECT: 1 Waterbo Terrace, Cwm, Ebbw Vale.

TITLE:
BGBC-40



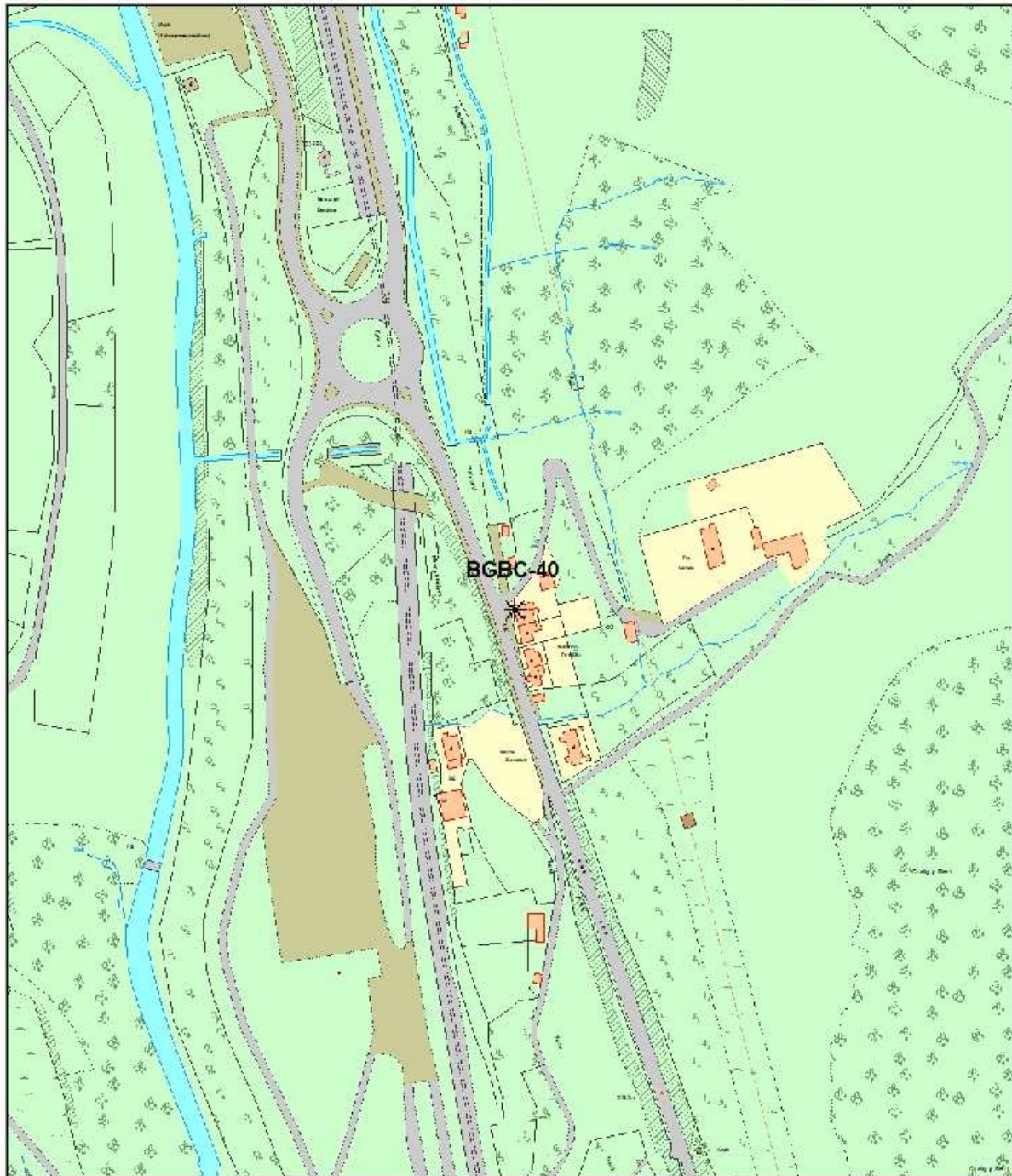
(C) Crown copyright. All rights reserved. Blaenau Gwent County Borough Council
OS Licence number 100042034, 2021



Date : 28/07/2023

Map Reference : SO1804SE

Scale : 1:2500



Licence No. 100042034

Cyngor Bwrdeisdref Sirol **Blaenau Gwent** County Borough Council

Richard Crook BSc, DipTP, MBA, MRTPI

Corporate Director Environment and Regeneration / Cyfarwyddwr Corfforaethol yr Amgylchedd ac Adfywio

PROJECT: 8 Briar Close, Rassau, Ebbw Vale.

TITLE: BGBC-41



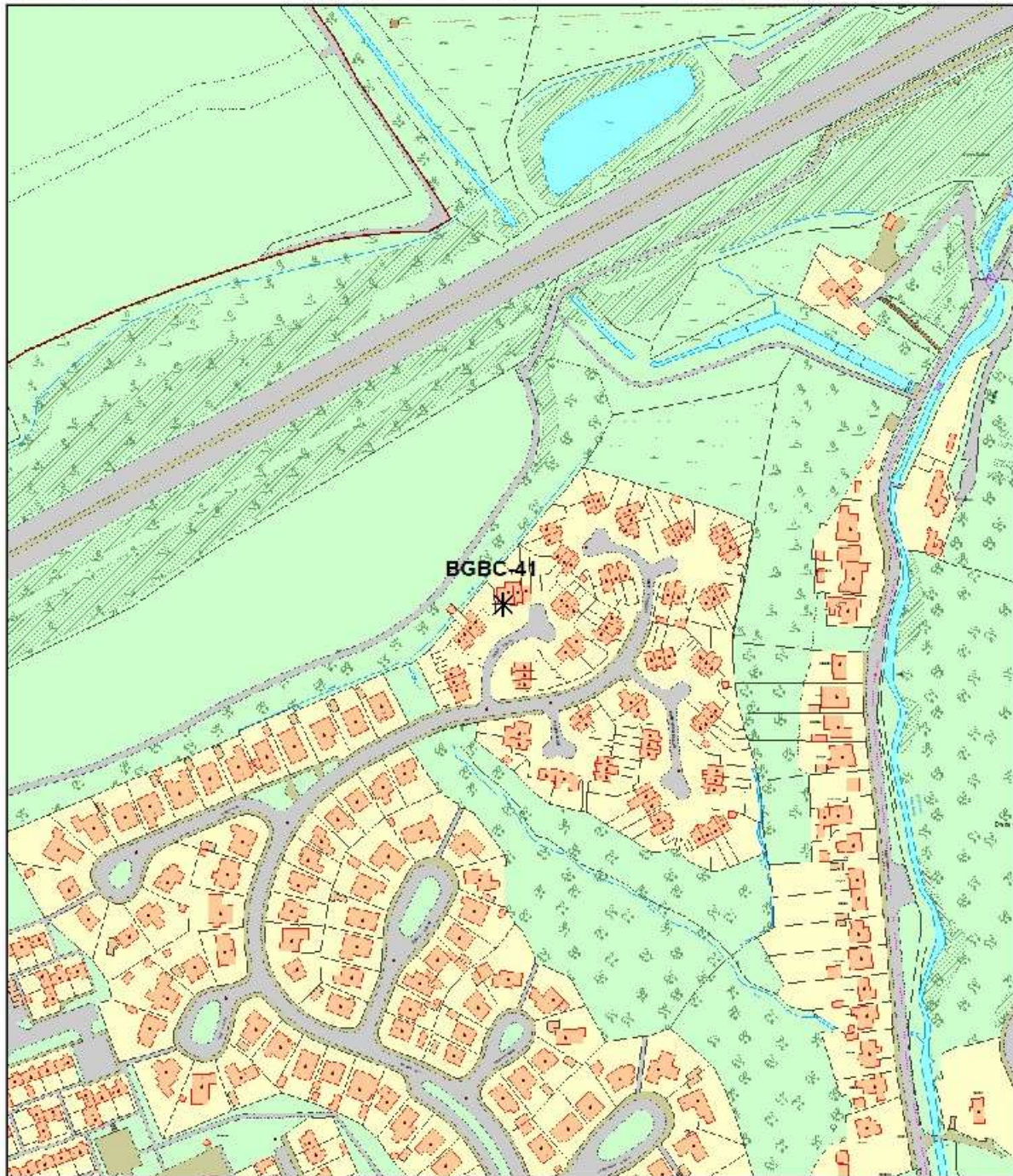
(C) Crown copyright. All rights reserved. Blaenau Gwent County Borough Council
OS Licence number 100042034, 2021



Date : 28/07/2023

Map Reference : SO1612SW

Scale : 1:2500



Licence No. 100042034

Cyngor Bwrdeistref Sirol Blaenau Gwent. County Borough Council

Richard Crook BSc, DipTP, MBA, MRTPI

Corporate Director Environment and Regeneration / Cyfarwyddwr Corfforaethol yr Amgylchedd ac Adfywio

PROJECT: Rhos Y Fedwen Primary School, Ebbw Vale

TITLE: BGBC-42



(C) Crown copyright. All rights reserved. Blaenau Gwent County Borough Council
OS Licence number 100042034, 2021



Date : 28/07/2023

Map Reference : SO1511NE

Scale : 1:2500



Licence No. 100042034

Cyngor Bwrdeistref Sirol **Blaenau Gwent** County Borough Council

Richard Crook BSc, DipTP, MBA, MRTPI

Corporate Director Environment and Regeneration / Cyfarwyddwr Corfforaethol yr Amgylchedd ac Adfywio

PROJECT: 37 Pen Y Craig, Ebbw Vale

TITLE:
BGBC-43



(C) Crown copyright. All rights reserved. Blaenau Gwent County Borough Council
OS Licence number 100042034, 2021



Date : 28/07/2023

Map Reference : SO1512SE

Scale : 1:2500



Licence No. 100042034



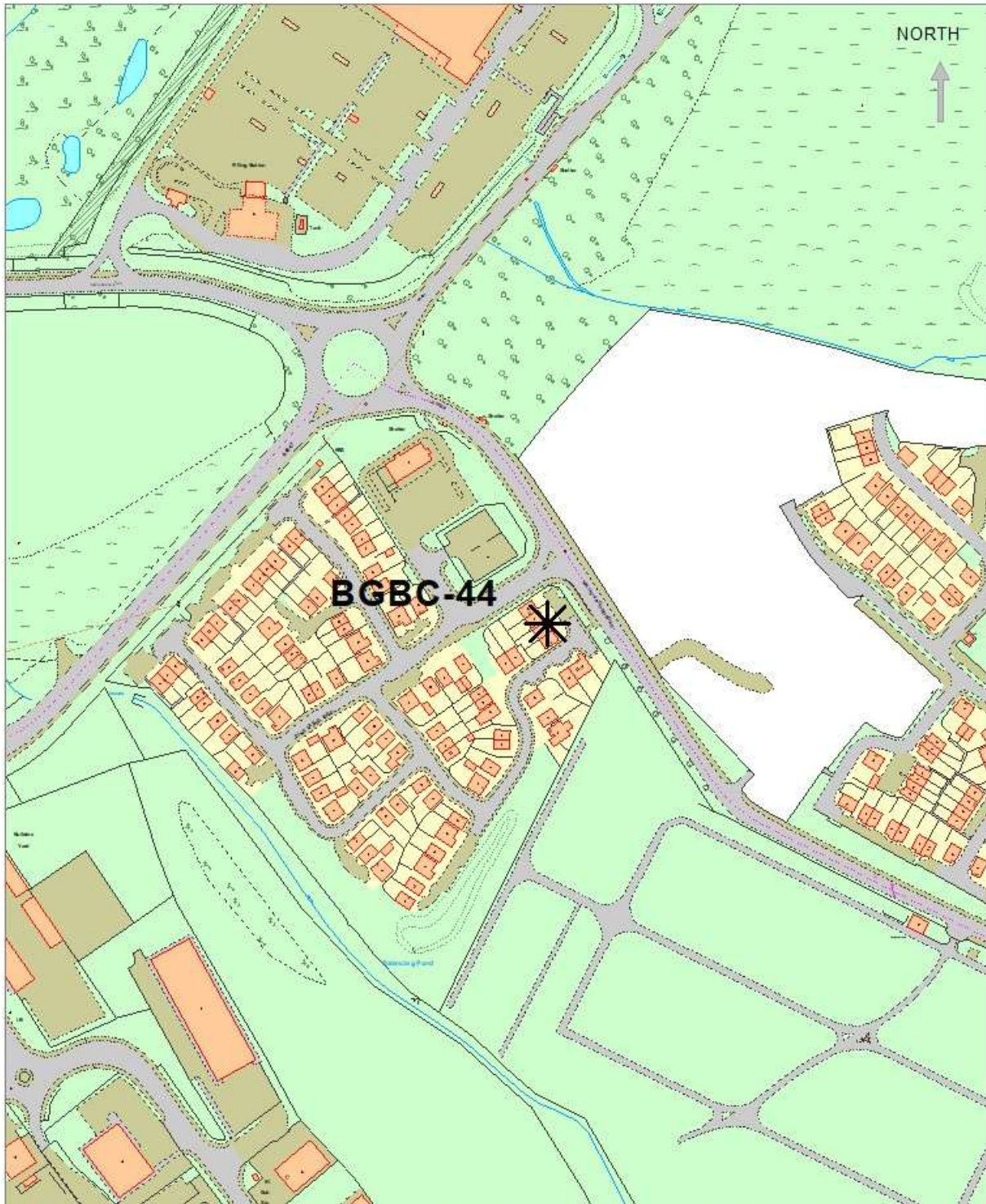
BLAENAU GWENT COUNTY BOROUGH COUNCIL

Ellie Fry – BA (Hons), BTP, FCMJ

Corporate Director Regeneration and Community Services / Cyfarwyddwr Corfforaethol Gwasanaethau Cymunedol ac Adyfwio

Scale: 1:2500

Title: **BGBC-44 18 Blue Lake Close, Ebbw Vale**



This copy has been made by or with the authority of the Council's Director of Planning & Development pursuant to section 47 of the Copyright, Design and Patents Act 1988 ('the Act'). Unless the Act provides a relevant exception to copyright, the copy must not be copied without the prior written permission of the copyright owner.



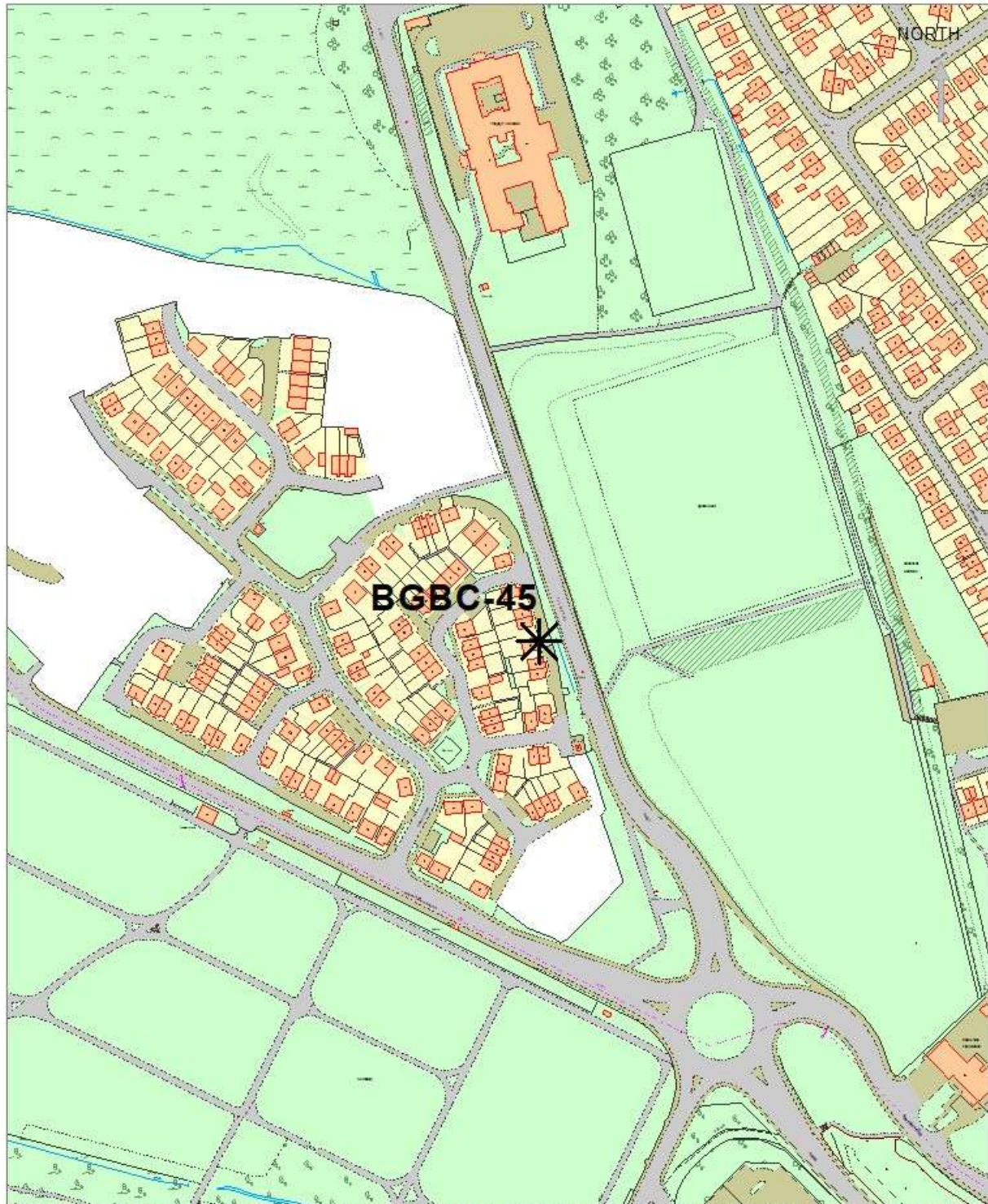
BLAENAU GWENT COUNTY BOROUGH COUNCIL

Ellie Fry – BA (Hons), BTP, FCMI

Corporate Director Regeneration and Community Services / Cyfarwyddwr Corfforaethol Gwasanaethau Cymunedol ac Adyfwio

Scale: 1:2500

Title: BGBC-45 34 Carn Y Cefn, Ebbw Vale



This copy has been made by or with the authority of the Council's Director of Planning & Development pursuant to section 47 of the Copyright, Design and Patents Act 1988 (the 'Act'). Unless the Act provides a relevant exception to copyright, the copy must not be copied without the prior written permission of the copyright owner.

Glossary of Terms

Abbreviation	Description
AQAP	Air Quality Action Plan - A detailed description of measures, outcomes, achievement dates and implementation methods, showing how the LA intends to achieve air quality limit values'
AQMA	Air Quality Management Area – An area where air pollutant concentrations exceed / are likely to exceed the relevant air quality objectives. AQMAs are declared for specific pollutants and objectives
APR	Air quality Annual Progress Report
AURN	Automatic Urban and Rural Network (UK air quality monitoring network)
Defra	Department for Environment, Food and Rural Affairs
DMRB	Design Manual for Roads and Bridges – Air quality screening tool produced by Highways England
FDMS	Filter Dynamics Measurement System
LAQM	Local Air Quality Management
NO ₂	Nitrogen Dioxide
NO _x	Nitrogen Oxides
PM ₁₀	Airborne particulate matter with an aerodynamic diameter of 10 µm (micrometres or microns) or less
PM _{2.5}	Airborne particulate matter with an aerodynamic diameter of 2.5 µm or less
QA/QC	Quality Assurance and Quality Control
SO ₂	Sulphur Dioxide
ULEV	Ultra Low Emission Vehicle