



Mr Gwyn Humphreys,
Economy and Planning Department,
Wrexham County Borough Council,
Neuadd y Dref,
Wrecsam. LL11 1AY

Eich Cyf/Your Ref: P/2023/0497
Ein Cyf/Our Ref: HLJ/80-000848SLGEN8B
Dyddiad/Date: 29th August 2023
Gofynner am/Ask for: Heather Jones
Rhif Union/Direct Dial: 01286 662999

Dear Mr Humphreys,

The Town and Country Planning (Development Management Procedure) (Wales)
Order 2012 and the Developments of National Significance (Procedure)
(Wales) Order 2016

**DEVELOPMENT PROCEDURE (CONSULTEES) (WALES) (MISCELLANEOUS AMENDMENTS) ORDER
2021 – FIRE AND RESCUE AUTHORITIES**

RE:

**HYBRID APPLICATION SEEKING: FULL PLANNING PERMISSION FOR DEMOLITION OF EXISTING
BUILDINGS AND THE SEVERABLE AND PHASED ERECTION OF CLASS B1C/B2/B8 DEVELOPMENT
WITH ANCILLARY CLASS B1A FLOORSFACE AND ASSOCIATED INFRASTRUCTURE (INCLUDING
SUBSTATION AND ACCESS); OUTLINE PLANNING PERMISSION FOR THE SEVERABLE AND
PHASED CONSTRUCTION OF CLASS B1C/B2/B8 DEVELOPMENT WITH ANCILLARY CLASS B1A
FLOORSFACE; RETAIL, DRIVE-THRU, HOTEL, PETROL STATION (CLASSES A1/A3/C1/SUI
GENERIS); AND ASSOCIATED INFRASTRUCTURE (ALL MATTERS RESERVED)
LAND NORTH OF BRYN LANE WREXHAM INDUSTRIAL ESTATE WREXHAM**

APPLICATION NUMBER: P/2023/0497

I acknowledge receipt of the notification to the North Wales Fire and Rescue Authority in
relation to the above application.

The site plan/s of the above proposal has been examined and the Fire and Rescue
Authority would wish the following comments to be brought to the attention of the planning
committee/applicant. It is important that these matters are dealt with early on in any
proposed development

- the Fire Authority has no objection to the proposed development and refers the Local Planning Authority to any current standing advice by the Fire Authority about the consultation.

The developer should consider the need to provide adequate water supplies and vehicle access for firefighting purposes on the site and general guidance on this matter is given in the attached Appendix and the following links:

<https://www.water.org.uk/guidance/national-guidance-document-on-the-provision-of-water-for-firefighting-3rd-edition-jan-2007/>

<https://www.ukfrs.com/index.php/promos/16847>

Furthermore, the applicant should be advised to contact the Local Authority Building Control Department, which is the responsible authority, when determining issues concerning means of warning and escape, internal fire spread (linings and structure), external fire spread, access and facilities for the Fire and Rescue Service, in accordance with the 2007 version of Approved Document B (Wales).

The plan/s has been retained for record purposes.

Yours faithfully

A handwritten signature in black ink, appearing to read 'Heath Jones', with a stylized flourish at the end.

SENIOR COMPLIANCE OFFICER

Advice on Water Supplies

1. WATER SUPPLIES FOR FIREFIGHTING

The existing output of the statutory water supply network may need to be upgraded in certain parts of the local plan area to care for firefighting needs of new developments. It is recommended that this provision be a condition of planning consent.

Reference to the National Guidance Document on the Provision of Water for Fire Fighting 2007.

Access to Open Water Supplies

Where development of water-front sites takes place, the need for permanent and unobstructed access for firefighting appliances to the water should be made a condition of any planning consent.

Consultation must take place with the Fire and Rescue Authority during the earliest planning stages of any development to ensure access for fire pumping appliances is satisfactory.

1.1. HOUSING

Minimum main size 100 millimetres. Housing developments of units of detached or semi-detached houses of not more than two floors should have a water supply capable of delivering a minimum of eight litres per second through any hydrant on the development.

The Fire and Rescue Authority should be consulted at the outline planning stage of any proposed projects to ascertain the exact requirements.

1.2. TRANSPORTATION

Lorry/Coach Parks - Multi-Storey Car Parks-Service Stations

Minimum main size 100 millimetres. All of these amenities should have a water supply capable of delivering a minimum of 25 litres per second through any hydrant on the development or within a vehicular distance of 90 metres from the complex.

1.3. INDUSTRY

In order that an adequate supply of water is available for use by the Fire and Rescue Authority in case of fire, it is recommended that the water supply infrastructure to any commercial industrial estate is as follows:

Light Industrial/Commercial

Up to one hectare, 20 litres per second - Minimum Main Size 100 millimetres

Up to two hectares, 35 litres per second - Minimum Main Size 150 millimetres

High Risk Industrial

Up to three hectares 50 litres per second - Minimum Main Size 150 millimetres

Over three hectares, 75 litres per second - Minimum Main Size 150 millimetres

In rural areas it may not be possible to provide sufficient mains water. To overcome this, static or river supplies would be considered on site if they are capable of supplying the above flow rates for at least one hour.

The Fire and Rescue Authority should be consulted at the outline planning stage of any proposed projects to ascertain the exact requirements, as high-risk premises may require a greater flow.

1.4. SHOPPING, OFFICES, RECREATION AND TOURISM

Commercial developments of this type should have a water supply capable of delivering a minimum of 20 to 75 litres per second to the development site. The Fire and Rescue Authority should be consulted at the outline planning stage of any proposed projects to ascertain the exact requirements.

1.5. EDUCATION, HEALTH AND COMMUNITY FACILITIES

Village Halls

Should have a water supply capable of delivering a minimum of 15 litres per second through any hydrant on the development or within a vehicular distance of 100 metres from the complex.

Primary Schools and Single Storey Health Centres

Should have a water supply capable of delivering a minimum of 20 litres per second through any hydrant on the development or within a vehicular distance of 70 metres from the complex.

Secondary Schools, Colleges, Large Health and Community Facilities

Should have a water supply capable of delivering a minimum of 35 litres per second through any hydrant on the development or within a vehicular distance of 70 metres from the complex.

1.6. DISTANCES BETWEEN FIRE HYDRANTS

The distance between fire hydrants should not exceed the following:

Residential areas	-	200 metres
Industrial Estates	-	150 metres
Town Centre Areas	-	90 metres
Commercial (Offices & Shops)	-	100 metres
Residential Hostels	-	Adjacent to access
Hotels	-	Adjacent to access
Institutional (Hospitals & Old Persons Home)	-	Adjacent to access
Old Persons Home	-	Adjacent to access
Educational (Schools & Colleges)	-	Adjacent to access

1.7. CONCLUSION

Developers should hold joint discussions with the relevant Water Authority or the Environmental Agency and the Fire and Rescue Authority to ensure that adequate water supplies are available in case of fire.

The Fire and Rescue Authority reserve the right to ask for static water supplies for firefighting on site, as a condition of planning consent, if the supply infrastructure is inadequate for any given risk.