

## Tremerchion ICTW Wetlands Trial

*Construction Traffic Management Plan  
Tremerchion WwTW, St Asaph. LL170AY*

Revision	Originator	Checked	Approved	Date	Comments
P01	RD	MR		08/10/2024	Issued for Comment
P02	RD	MR		15/10/2024	Re issued for Comment

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## 1. Proposed Development

The proposed development involves the implementation of several components aimed at enhancing the site's wastewater management capabilities. The project will include the construction of three integrated wetlands, two septic tanks, and the necessary associated infrastructure such as pipework, tanker access, and footpaths.

The integrated wetlands are planned to be situated in the field located to the southwest of the existing Wastewater Treatment Works. The outfall for these wetlands will be positioned on the western boundary of the site, downstream of the current outfall point in the Nant Penisa Waun. The septic tanks are expected to be placed south of the existing WwTW, with the access road extending to connect to these tanks. Additionally, improvements are anticipated for the access road leading from the main road to ensure better accessibility for tankers.

Vehicular access to the wetland area is gained via the carriageway that runs parallel to the waste water treatment works to the North. The gate onto the carriageway currently provides access onto the farmer's field and the treatment works therefore a route through to the farmer's field will need to be maintained.

Llannerch bridge is situated approximately 1km down the carriageway from site and is currently closed until 2026. This would suggest that traffic along the entrance area to site will be at a minimum

## 2. Project Duration

It is anticipated that the proposed development will be undertaken in the estimated period March 2025 – October 2025

## 3. Site Working Hours

Core site hours will be:

- Monday to Friday 07.30 to 17:00 hours
- Saturdays 08.00 to 16:00 hours (when required)

Occasional working may take place outside the above mentioned hours only when absolutely necessary

## 4. Employees on Site

It is anticipated that the maximum number of employees working on the project on site at any one time will be 10

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## 5. Vehicle Movements

It is estimated that the construction phase of the development is expected to give rise to the following vehicle movements:

Vehicle Type	Frequency
Employees Vans/ Cars	Maximum 10 per day
Rigid Deliveries	Approx 10 per week during peak times (site set up & demob etc) Approx 3 or 4 per week off peak
Articulated Deliveries	Approx 3 or 4 per week during peak times (site set up & demob etc) Approx 1 or 2 per week off peak
Tipper Wagons	Approx 10 per week during peak times (site set up & demob etc) Approx 3 or 4 per week off peak

Rigid Deliveries Include:

- Welfare Unit
- Concrete
- General Plant/ Equipment
- General Material Deliveries
- Heras Fencing
- Septic Tanks

Articulated Deliveries Include:

- Large Plant (Excavators/ Dumpers)
- Medium Plant (Excavators/ Dumpers/ Rammers)

## 6. Access Routes

All construction vehicles associated with the development will utilise the existing access into the field from the carriageway

It is anticipated that the majority of HGV movements associated with the development will approach and leave from the North via the B5429 and onto the A55 North Wales Expressway (See APPENDIX 2)

There is a secondary alternate route turning right before the Llannerch bridge and following the road to join the A55 at junction 28 (See APPENDIX 3)

It is not anticipated that any construction traffic will access from the A525 due to the closure of the Llannerch bridge.

Temporary signage will be installed to provide clear direction to drivers of vehicles accessing the development. Proposed signage is included in Appendix 1

### 7. Internal Site Access Arrangements

Vehicles delivering to the site will be able to turn around using the proposed vehicle access track and turning area on site

### 8. Employee Parking




Provision will be made within the site compound to accommodate the parking of construction workers and visitors

### 9. Contact Details

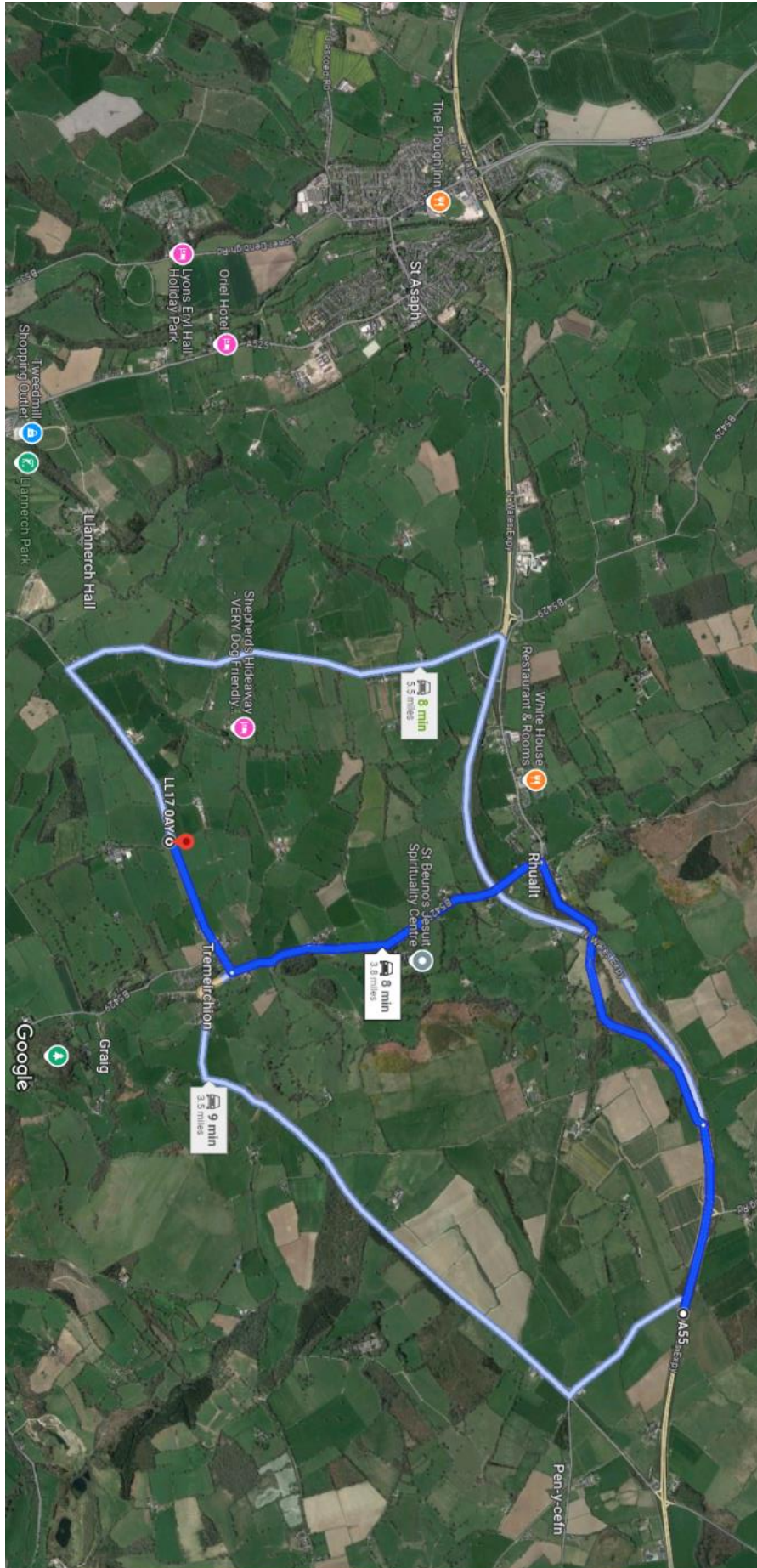
Site specific contact details will be provided prior to mobilising however below is a list of Eric Wright Water project staff:

Name	Role	Contact Details
Tom Murphy	Minor Works Manager	<a href="mailto:tmurphy@ericwright.co.uk">tmurphy@ericwright.co.uk</a> 07583390519
Mark Rimmer	Project Manager	<a href="mailto:mrimmer@ericwright.co.uk">mrimmer@ericwright.co.uk</a> 07557924558
Reece Duffy	Civils Manager	<a href="mailto:reeced@ericwright.co.uk">reeced@ericwright.co.uk</a> 07515370812
Steve Pottage	MEICA Manager	<a href="mailto:spottage@ericwright.co.uk">spottage@ericwright.co.uk</a> 07584395655

### 10. APPENDIX 1 Proposed Signage

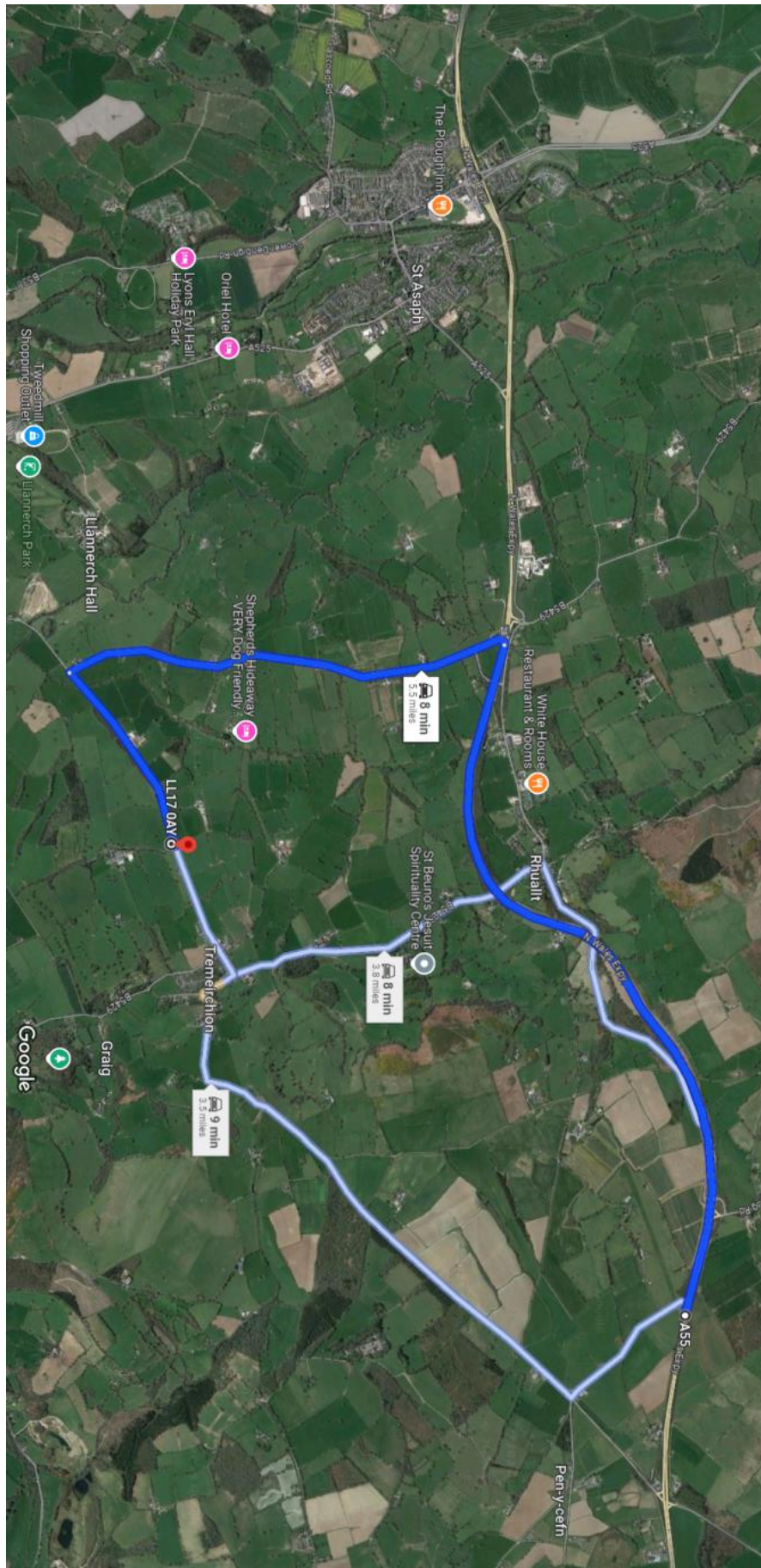
No	Sign Details	Location
1		400 Yds advance of entrance
2		300 Yds advance of entrance
3		200 Yds advance of entrance

### 11. APPENDIX 2 Access route via A548



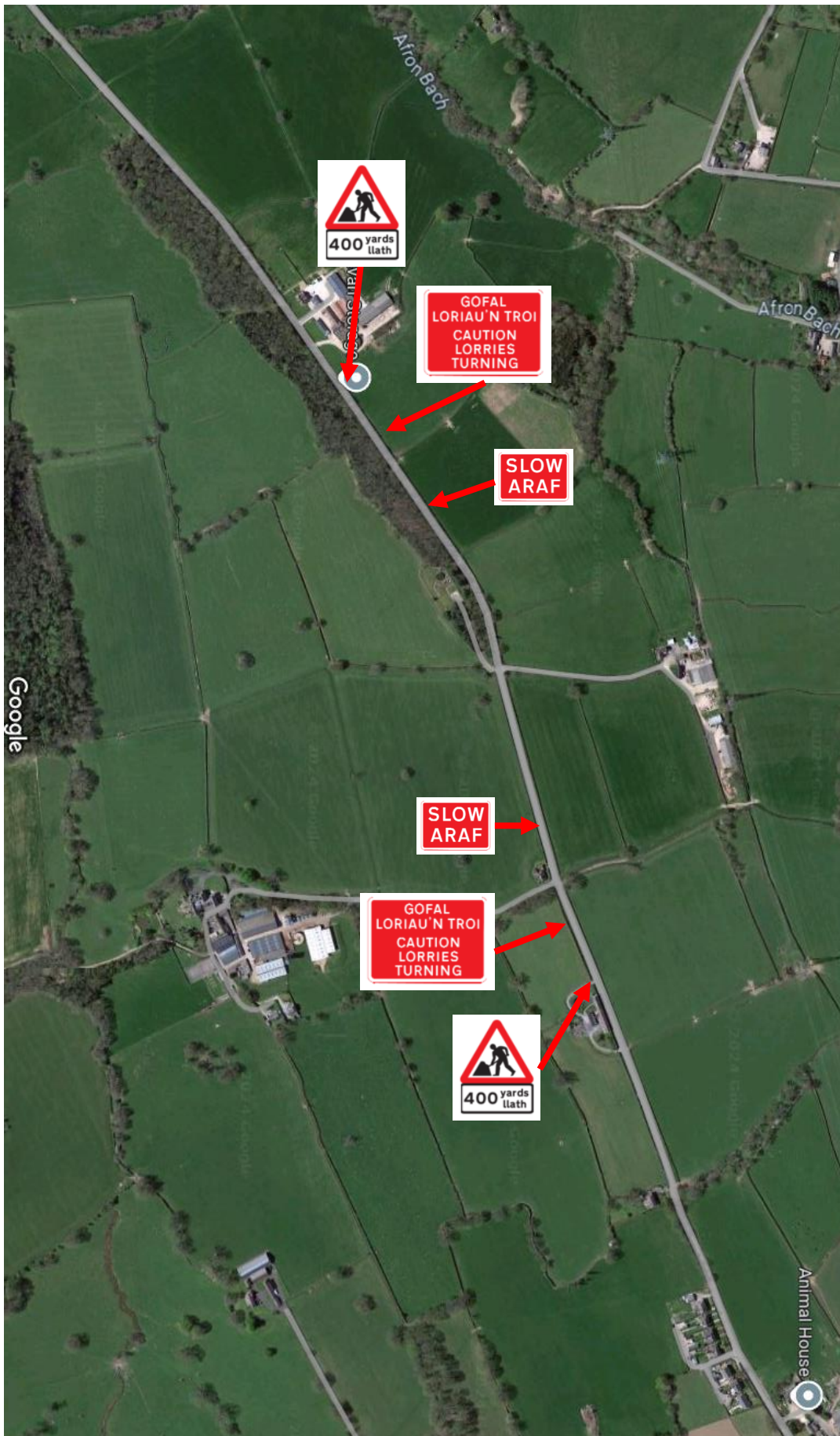
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## 12. APPENDIX 3 Access route via A55 junction 28



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### 13. APPENDIX 4 Signage Layout



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