# TRAFFIC MANAGEMENT PLAN

## Gresford IP to IP PRS (recreation ground)
## Project No 15031

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**Name of Project:** **Gresford IP to IP PRS (recreation ground)**

**Project Ref** **AR 15031**

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This copy of the Traffic Management Plan is issued to:

| | |
|---|---|
| Mr | Carl Lewis |
| Company | Wales & West Utilities Ltd |
| Date | |

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For record purposes a circulation, issue and revision list will be held and maintained by the project.

# TRAFFIC MANAGEMENT PLAN

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**Project Ref** **AR 15031**

**REVISION HISTORY:**

| | | | |
|---|---|---|---|
| 1. Draft Traffic Management Plan | Prepared by: | Chris Wilde | Date |
| | Reviewed by: | Carl lewis | Date |
| A. Issued for Construction | Approved by: | | Date |
| | | | |
| B | Prepared by: | | Date |
| | Approved by: | | Date |
| C | Prepared by: | | Date |
| | Approved by: | | Date |

# TRAFFIC MANAGEMENT PLAN

**Name of Project:** **HP Vessel revalidation** **Project Ref.:** **21150**

## 1. INTRODUCTION

The Project Description is detailed below.

### Description of Project

The reinforcement of the gas network in Gresford is being undertaken to support increased demand from new customers and to enable future growth of the system. As part of this upgrade, the existing Intermediate Pressure (IP) gas pipeline operating at 7 bar will be connected to a new IP pipeline operating at 4 bar via a Pressure Reduction Station (PRS). This PRS will be relocated to the Gresford recreation ground, where it will be newly commissioned to regulate and safely reduce the pressure between the two pipeline systems.

### Scope

The main elements of the works involved include creating a safe working area in agreement with the Gresford Trust, constructing two new gas regulator buildings, connecting the pipework to the new buildings, and finally gassing up and commissioning the new system.

This Plan describes how we address Traffic Management on this Project. I expect everyone working on the project to comply with its requirements and work to maintain the standards it will set.

| | | |
|---|---|---|
| Name: *(print)* | Carl Lewis | Project Manager |
| Signed: | | |
| Date: | | |

## 2. CONSTRUCTION METHODOLOGY

The Project Site Office and welfare facilities will be located within the Heras-fenced area at Gresford DG, Stryd Fawr, Gresford, Wrexham, LL12 8PS (Grid Reference: E 334813, N 354589), and will service the project. Directions to the site are provided in Section 4 of this Plan.
A range of small construction plant, equipment, and materials will be required to carry out the works, with deliveries made using various types of vehicles. Larger deliveries of materials, plant, and equipment will follow the designated routes shown on the map in Appendix A. Appendix B shows the proposed site arrangement.
All engineers will begin and end their working day at the construction site, travelling to and from their home addresses in WWU vans. Approximately 90% of the engineers are based in the Wrexham area.

| Vehicle Type | Use |
|---|---|
| Lorry Low loader | Delivery of Plant & Equipment Mini Digger Dumper fencing welfare unit |
| Lorry (HIAB) | Lifting & Material distribution stone delivery |
| Pick up | Transport of small equipment |
| Works vehicles | Crew Transport and tools etc |
| Cars | Personal vehicles to get to work |
| Delivery Vans | Delivery of small items of plant and materials |
| | |
| | |

The TMP has taken into account the following factors during developing routes to the construction site:

- Avoidance (where possible) of sensitive receptors such as residential areas and schools.
- Compliance with statutory limits (e.g., width, height, axle loading, gross weight)
- Avoidance (where possible) of narrow roads.
- Avoidance of humpback bridges, steep gradients, and sinuous roads.
- Compliance with any highway authority lorry route schemes.

## 3. SITE ACCESS ROUTES

The traffic management maps shall detail the following:

- Public Highway routes to be used.
- Type of vehicles which can use the routes.
- Any prohibitions
- Weight Restrictions
- Height Restrictions
- Site Locations

The TMP routes shall be developed considering the interfaces with the local traffic, residents, and rights of way in order to minimise the effects on public by the pipeline construction activities.

The signs will alert drivers of the following:

- Site Entrance locations
- Turning vehicles
- HGV Restrictions
- Construction Traffic Restrictions

The traffic management system will be implemented with the erection of signage and Sub-contractors or suppliers making deliveries to the site shall be made aware of the traffic management requirements prior to coming to site by means of a pre-start meeting and/or instruction on routes to the site location at time of placement of orders in accordance with this plan. Contact numbers of Site Supervisors are provided at the same instance.

During the construction phase, the site is expected to experience regular vehicle movements. Approximately three transit-type vans will access the site each day, totalling around fifteen movements per week. In addition, a WWU backup lorry will attend the site for planned deliveries and collections, with a frequency of two to three times per week. At the start of the job two GAP delivery lorries, each with a vehicle length of approximately 16.5 metres, will be present on site.

The construction team will not be occupying any existing parking spaces within the car park, ensuring that no vehicles are displaced. This is particularly important given the existing parking pressures along High Street. Turning provisions for lorries within both the car park and the site will be managed by WWU engineers and banksmen, who will be present to guide vehicles safely during manoeuvres and HGV turning. The total duration of the works is expected to be approximately five weeks.

## 4. ACCESS / EGRESS POINTS

Access to the site is off High street Gresford Wrexham LL12 8PT. This access route is shown on the below Google earth image below as well as further information provided in TMP at Appendix A.




## 5. PLANT MOVEMENTS

The following site protocols have been outlined to support the safe and orderly movement of plant and vehicles during construction activities:

- Always obey site Speed limit.
- A Vehicle / Plant Marshall MUST always be used when moving / manoeuvring Plant.
- Avoid reversing if possible.
- Only Park within designated areas
- Reversing Parking is required on site.

## 6. ROAD CLOSURES

It is not anticipated that the need for road closures is relevant to the project.

## 7. CAR PARKING AREAS

Car parking will be provided on site. Under no circumstances will parking be permitted on any approach road to these sites. Visitors are requested to contact the Site Supervisor in advance, if they intend on visiting the site. All drivers are reminded not to cause any obstruction and the free movement of all other road users.

## 8. WORKING TIMES

The project working times are 08:00 to 16:30 Monday to Friday. The working hours on Saturday are dependant on the works programme.

## 9. ENVIRONMENTAL CONIDERATIONS

The following environmental practices have been outlined to minimise the impact of construction activities and ensure compliance with site protocols and sustainability standards:

- Vehicles and plant equipment should be turned off when not in use.
- Works will be carried out at such a time as not to affect the public wherever possible.
- All waste will be recycled as per WWU protocols on site and transferred to our local depo at Wrexham.
- All fuels and oils used on site will be stored in storage areas on Drip Trays or Plant Nappies along with spill responses measures shall be used/available in storage areas.

## 10. APPENDICES

# APPENDIX A

Traffic route to site via High Street Gresford Wrexham LL12 8PT:



# Appendix B

Site arrangement



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