

**LANDSCAPE AND BIODIVERSITY PROPOSALS**

**EXISTING LANDSCAPE**  
 Madeley WwTW, is in a semi-rural landscape to the north of Madeley. The site is enclosed in a valley setting and is fenced to all aspects. There are no hedgerows on site and existing trees are outside the operational site boundary. Views into the site are generally elevated from the south west from adjacent houses, with direct views into the site at the site entrance and from the public right of way to the east. No tree removal is required to undertake the works and the new equipment will be located within the main WwTW and be read in the context of the existing operational plant and equipment. It is proposed to reinstate the grass areas affected by the works with a species rich native mix to enhance biodiversity and mitigate for loss of species poor grassland.

**GENERAL**  
 1. All site preparation and seeding shall be carried out in accordance with BS4428:1989 Code of Practice for General Landscape Operations

**SCHEDULE OF IMPLEMENTATION**  
 The landscape reinstatement shall be carried out in the first available season after completion of construction, when weather conditions are suitable:  
 a) Soiling and seeding April - October

**SITE CLEARANCE**  
 All grassed areas to be used for construction will be cut prior to soil stripping and arisings removed. Topsoil and sub-soil suitable for re-use in reinstatement will be stripped before construction and stored on site. All soiling works will be carried out in accordance with DEFRA Construction Code of Practice for the Sustainable Use of Soils on Construction Sites and British Standards for Topsoil (BS3882:2015) and Subsoil (BS8601:2013) for the stripping, handling, storage and spreading of soils.  
 At reinstatement:  
 1. All litter, debris and stone above 50mm in any dimension and any other unwanted material will be removed from seeding areas.  
 2. All subsoils and topsoils stripped and stockpiled during construction to be replaced prior to seeding.

**PROPOSED SEEDING**  
 1. Following completion of construction, soils to be reinstated to original profile and depth.  
 2. Soils to be graded to smooth flowing contours and all stones over 50mm in any dimension to be removed.  
 3. Topsoil to be cultivated to a tilth suitable for seeding and areas seeded with neutral grassland mix at 35-50g per sq.m.

**MAINTENANCE**  
 1. All litter and arising stone larger than 50mm in any dimension to be removed from grassed areas.  
 2. Management of grassland Growth and establishment of wild grasses may be slow initially, especially at low sowing rates (2-5g/m2). There will often be a flush of annual weeds from the soil in the first growing season. This weed growth is easily controlled by topping or mowing.  
 Mow all plant growth (sown grasses and weeds) regularly to 40-60mm throughout the first growing season to prevent weeds smothering the slower-growing grasses. Remove cuttings if dense, more frequent and regular topping will minimise the amount of toppings produced each time so they can be left to disperse.

**NOTES**

1. ALL DIMENSIONS IN MILLIMETRES AND ALL LEVELS IN METRES AOD UNLESS NOTED OTHERWISE.

**LEGEND**

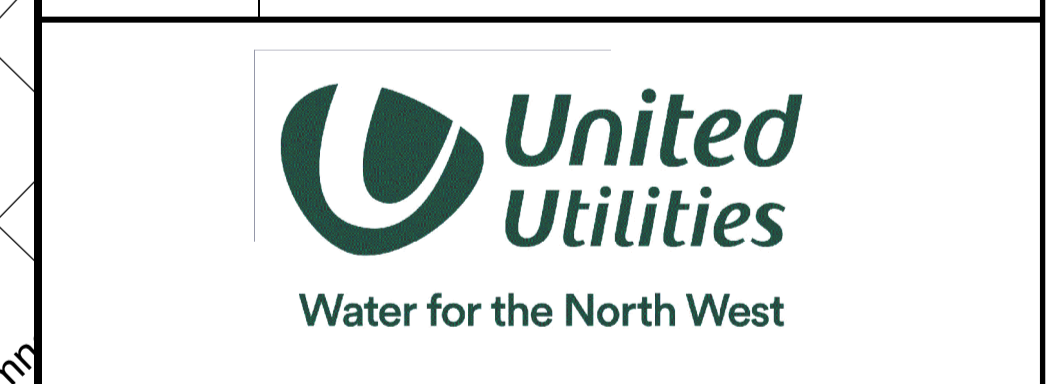
- PROPOSED DEVELOPMENT REQUIRING PLANNING PERMISSION - 665m<sup>2</sup>
- LAND WITHIN UNITED UTILITIES OWNERSHIP
- EXISTING GROUND LEVELS
- EXISTING GRASS AREAS
- PROPOSED HARD STANDING AND INTERNAL ACCESS ROAD AND FOOTPATHS
- EXISTING HARDSTANDING AND ROADS
- RIVER LEA
- AREAS OF GRASSLAND TO BE ENHANCED OR REINSTATED WITH NATIVE SPECIES RICH GRASS AND MIX MAINTAINED AS MEADOW WITH A DIFFERENTIAL MOWING REGIME

**REFERENCE DRAWINGS**

- 80061393-01-C2V-MADEL-97-DR-I-00001 PLANNING APPLICATION SITE LOCATION PLAN
- 80061393-01-C2V-MADEL-97-DR-I-00002 PLANNING APPLICATION SITE LAYOUT PLAN
- 80061393-01-C2V-MADEL-97-DR-I-00003 PLANNING APPLICATION FERRIC DOSING KIOSK
- 80061393-01-C2V-MADEL-97-DR-I-00004 PLANNING APPLICATION CAUSTIC DOSING KIOSK
- 80061393-01-C2V-MADEL-97-DR-I-00005 PLANNING APPLICATION TSR MCC KIOSK
- 80061393-01-C2V-MADEL-97-DR-I-00006 PLANNING APPLICATION MAIN PROCESS MCC KIOSK

**CURRENT ISSUE INFORMATION**

P01	RW	PC	MH	For Information	14/06/22
VERSION	AUTH	CHKD	REVD	REASON FOR ISSUE	DATE
S2	Issued for Information				
SUITABILITY CODE	SUITABILITY DESCRIPTION				



MADELEY WwTW - WFD P AMP 7  
 PLANNING APPLICATION  
 LANDSCAPE AND BIODIVERSITY PROPOSAL PLAN

SCALE 1:500	SHEET SIZE A1
DRAWING NUMBER 80061393-01-C2V-MADEL-97-DR-L-00001	REVISION P01