

ENVIRONMENTAL STATEMENT (VOLUME III)

Appendix 3.1 – Table of Trenchless Crossings (Clean)

HyNet Carbon Dioxide Pipeline

Planning Act 2008

The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 – Regulation 5(2)(a)

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APPENDIX 3-1 TABLE OF TRENCHLESS CROSSINGS

Table 1 Ince AGI to Stanlow AGI Pipeline

Work number	Reference	Reason for Crossing	Non-road mobile machinery (NRMM) crossing at surface	Considered environmental impact of NRMM crossing at surface
Section 1				
4	TRS-01*	Prevent disruption of the Hapsford railway line and a spur to an existing depot which serves an existing industrial facility.	No crossing of NRMM at surface.	N/A
5	TRS-02*	Prevent disruption to traffic on the A5117 Chester Road (north of M56 Chester Services).	No crossing of NRMM at surface.	N/A
5	TRS-03	Prevent disruption to existing utilities (pipelines).	NRMM will cross feature at surface	NRMM crossing feature at surface is considered to have low potential for adverse environmental impacts.
6	TRS-04	Prevent disruption to existing utilities (pipelines).	NRMM will cross feature at surface.	NRMM crossing feature at surface is considered to have low potential for adverse environmental impacts.
7	TRS-05	Prevent disruption to traffic on the A5117 Chester Road.	No crossing of NRMM at surface.	N/A

Table 2 Stanlow AGI to Flint AGI pipeline

Work Number	Reference	Reason for Crossing	Non-road mobile machinery (NRMM) crossing at surface	Considered environmental impact of NRMM crossing at surface
Section 1				
7	TRS-06	Prevent disruption to traffic on the A5117 Chester Road (east of Thornton Le Moors).	No crossing of NRMM at surface.	N/A
Section 2				
11	TRS-07	Prevent disruption to existing utilities (pipelines).	NRMM will cross feature at surface	NRMM crossing feature at surface is considered to have low potential for adverse environmental impacts.
12	TRS-08	Prevent disruption to traffic on the M56.	No crossing of NRMM at surface.	N/A
14	TRS-09	Prevent ecological and geomorphological disruption to the River Gowy.	No crossing of NRMM at surface.	N/A
15	TRS-10	Prevent disruption to existing utilities (pipelines).	NRMM will cross feature at surface	NRMM crossing feature at surface is considered to have low potential for adverse environmental impacts.

Work Number	Reference	Reason for Crossing	Non-road mobile machinery (NRMM) crossing at surface	Considered environmental impact of NRMM crossing at surface
15	TRS-11	Prevent disruption to existing utilities and traffic on Picton Lane.	NRMM will cross feature at surface	NRMM crossing feature at surface is considered to have low potential for adverse environmental impacts. Appropriate traffic management measures are outlined within the Outline Construction Traffic Management Plan (OCTMP) (Document Reference: D.6.5.3) .
15	TRS-12	Prevent disruption to existing utilities (pipelines).	NRMM will cross feature at surface	A pre-construction survey will be required before NRMM can cross the feature at the surface to ensure there are no environmental impacts (D-PD-020 of the Register of Environmental Actions and Commitments (REAC) (Document Reference: D.6.5.1). (Doc Ref: D.6.5.1)).
16	TRS-13	Prevent disruption to existing utilities (pipelines).	NRMM will cross feature at surface	NRMM crossing feature at surface is considered to have low potential for adverse environmental impacts.
16	TRS-14	Prevent disruption to traffic on the M53.	No crossing of NRMM at surface.	N/A
17	TRS-15	Prevent disruption to traffic on Wervin Road.	NRMM will cross feature at surface	NRMM crossing feature at surface is considered to have low potential for adverse environmental impact. Appropriate traffic management measures are outlined within the OCTMP (Document Reference: D.6.5.3) .
17	TRS-16	Prevent disruption to existing utilities (pipelines).	NRMM will cross feature at surface	NRMM crossing feature at surface is considered to have low potential for adverse environmental impacts.
18	TRS-17	Prevent disruption to users of the Shropshire Union Canal.	No crossing of NRMM at surface.	N/A
Section 3				
22	TRS-18	Prevent disruption to traffic on the A41 Liverpool Road	No crossing of NRMM at surface.	N/A
23	TRS-19	Prevent disruption to existing utilities (pipelines).	NRMM will cross feature at surface	NRMM crossing feature at surface is considered to have low potential for adverse environmental impacts.
24	TRS-20	Prevent disruption on the Mollington Railway Line.	No crossing of NRMM at surface.	N/A
25	TRS-21	Prevent disruption to traffic on Station Road.	NRMM will cross feature at surface	NRMM crossing feature at surface is considered to have low potential for adverse environmental impact. Appropriate traffic management measures are outlined within the OCTMP (Document Reference: D.6.5.3) .

Work Number	Reference	Reason for Crossing	Non-road mobile machinery (NRMM) crossing at surface	Considered environmental impact of NRMM crossing at surface
25	TRS-22	Prevent disruption to traffic on Townfield Lane.	NRMM will cross feature at surface	NRMM crossing feature at surface is considered to have low potential for adverse environmental impact. Appropriate traffic management measures are outlined within the OCTMP (Document Reference: D.6.5.3) .
25	TRS-23	Prevent disruption to traffic on Overwood Lane.	NRMM will cross feature at surface	NRMM crossing feature at surface is considered to have low potential for adverse environmental impact. Appropriate traffic management measures are outlined within the OCTMP (Document Reference: D.6.5.3) .
28	TRS-24	Prevent disruption to traffic on the A540 (Parkgate Road).	No crossing of NRMM at surface.	N/A
28	TRS-25	Prevent disruption to traffic on Hermitage Road.	NRMM will cross feature at surface	NRMM crossing feature at surface is considered to have low potential for adverse environmental impact. Appropriate traffic management measures are outlined within the OCTMP (Document Reference: D.6.5.3) .
29	TRS-26	Prevent disruption to users of the Chester Millennium Greenway.	NRMM will cross feature at surface	A pre-construction survey will be required before NRMM can cross the feature at the surface to ensure there are no environmental impacts (D-PD-020 of the REAC) (Document Reference: D.6.5.1).
30	TRS-27	Prevent disruption to traffic on the A548 Sealand Road.	No crossing of NRMM at surface.	N/A
Section 4				
31	TRS-28*	Prevent disruption to the River Dee (Afon Dyfrdwy).	No crossing of NRMM at surface.	N/A
32	TRS-29	Prevent disruption on the North Wales Coast Railway Line and associated ditches.	No crossing of NRMM at surface.	N/A
33	TRS-30	Prevent disruption to traffic on the B5129 Chester Road East.	No crossing of NRMM at surface.	N/A
34	TRS-31*	Prevent disruption to traffic on the B5129 Chester Road West.	No crossing of NRMM at surface.	N/A
34	TRS-32*	Prevent disruption to traffic on the B5129 Chester Road West.	No crossing of NRMM at surface.	N/A
35	TRS-33	Prevent disruption to traffic on Mancot Lane.	NRMM will cross feature at surface	NRMM crossing feature at surface is considered to have low potential for adverse environmental impact. Appropriate traffic management measures are outlined within the OCTMP (Document Reference: D.6.5.3) .
35	TRS-34	Prevent disruption to traffic on the A550 (Gladstone Way).	No crossing of NRMM at surface.	N/A

Work Number	Reference	Reason for Crossing	Non-road mobile machinery (NRMM) crossing at surface	Considered environmental impact of NRMM crossing at surface
Section 5				
35	TRS-35	Prevent disruption to the playground near Aston Hall.	No crossing of NRMM at surface.	N/A
38	TRS-36	Prevent disruption to the Wrexham to Bidston (Borderlands) railway line.	No crossing of NRMM at surface.	N/A
39	TRS-37*	Prevent disruption to traffic on the A494 (Aston Expressway).	No crossing of NRMM at surface.	N/A
40	TRS-38*	Prevent disruption to traffic on Church Lane.	NRMM will cross feature at surface	NRMM crossing feature at surface is considered to have low potential for adverse environmental impact. Appropriate traffic management measures are outlined within the OCTMP (Document Reference: D.6.5.3) .
41	TRS-39	Prevent disruption to traffic on Holywell Road.	No crossing of NRMM at surface.	N/A
42	TRS-40	Prevent disruption to traffic on Green Lane.	NRMM will cross feature at surface	NRMM crossing feature at surface is considered to have low potential for adverse environmental impact. Appropriate traffic management measures are outlined within the OCTMP (Document Reference: D.6.5.3) .
44	TRS-41	Prevent disruption to Ancient Woodland near Northop Hall.	No crossing of NRMM at surface.	N/A
Section 6				
44	TRS-42	Prevent disruption to traffic on Connah's Quay Road.	NRMM will cross feature at surface	NRMM crossing feature at surface is considered to have low potential for adverse environmental impact. Appropriate traffic management measures are outlined within the OCTMP (Document Reference: D.6.5.3) .
47	TRS-43	Prevent disruption to Northop Brook and disruption to existing utilities (pipelines).	No crossing of NRMM at surface.	N/A

* Trenchless crossing where 24-hour continuous drilling operation is expected to last up to 4 weeks.