

ENVIRONMENTAL STATEMENT (VOLUME III)

Appendix 17.9 Future Year Traffic Flows

HyNet Carbon Dioxide Pipeline DCO

Planning Act 2008

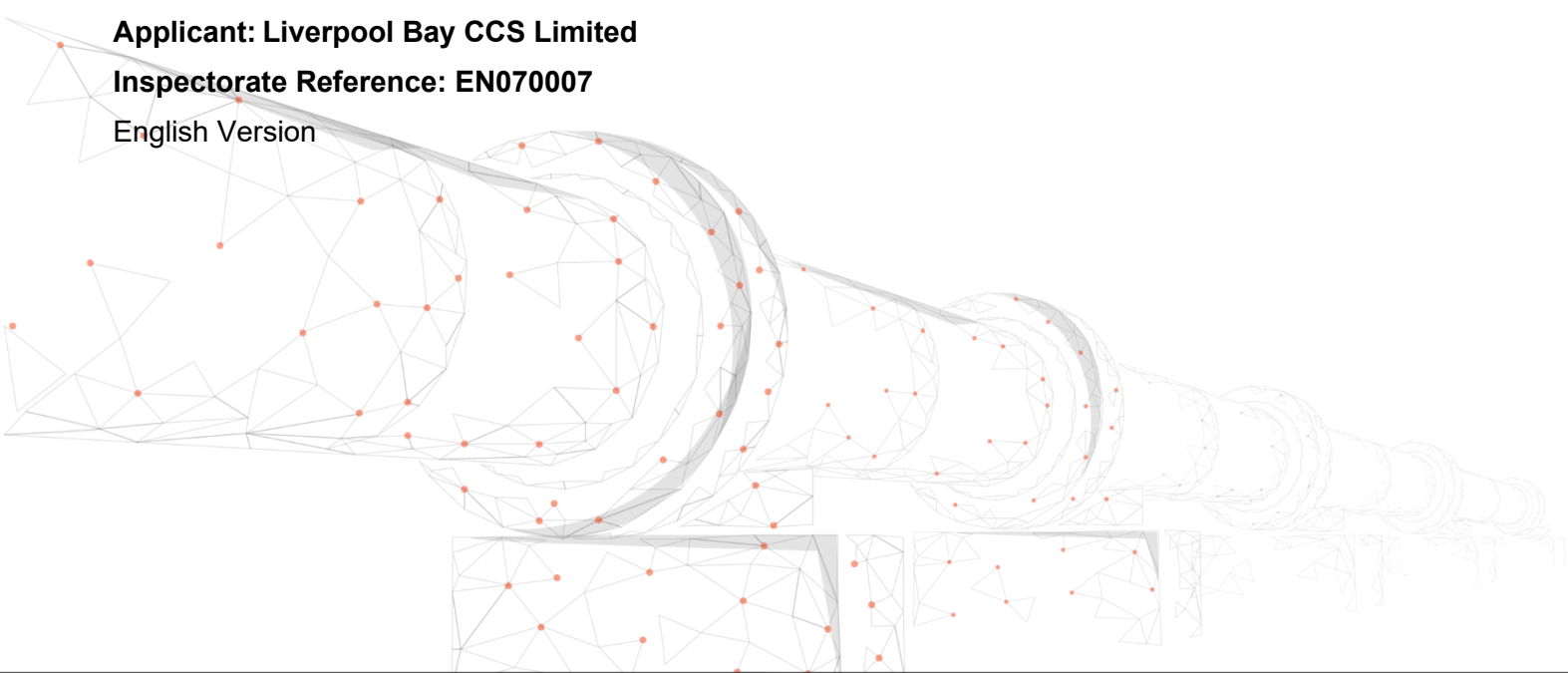
The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 –
Regulations 5(2)(a)

Document Reference Number D.6.3.17.9

Applicant: Liverpool Bay CCS Limited

Inspectorate Reference: EN070007

English Version



REVISION: [BA](#)

DATE: [September 2023](#)

DOCUMENT OWNER: WSP UK Limited

PUBLIC

QUALITY CONTROL

Document Reference		D.6.3.17.9		
Document Owner		WSP		
Revision	Date	Comments	Author	Approver
A	September 2022	Submitted with DCO application	NT	AL
<u>B</u>	<u>September 2023</u>	<u>Final for DCO Examination – Submitted at Deadline 7</u>	<u>NT</u>	<u>AL</u>

TABLE OF CONTENTS

APPENDIX 17.9 - FUTURE YEAR TRAFFIC FLOWS..... 1

TABLES

Table 1 - Future Year Traffic Flows 1

APPENDIX 17.9 - FUTURE YEAR TRAFFIC FLOWS

Table 1 - Future Year Traffic Flows

Ref	Link	ATC Reference	LHA	Project Peak Month (August 2024)										
				2024 Baseline			Two-Way AADT			2024 + Proposed Development				
				24hr AADT	24hr HGV AADT	%HGV (24hr AADT)	LGV	HGV	Total	24hr AADT	24hr HGV AADT	%HGV (24hr AADT)	% AADT Increase	% HGV AADT Increase
1	A5117 1	3,4	CWCC	8,682	654	7.5%	119	30	149	8,831	684	7.7%	2%	5%
2	A5117 2	DfT Countpoint 37813	CWCC	25,085	612	2.4%	176	44	219	25,304	656	2.6%	1%	7%
3	B5132 Cryers Lane	6	CWCC	1,475	22	1.5%	81	20	102	1,577	42	2.7%	7%	93%
4	Little Stanney Lane	8	CWCC	1,449	12	0.8%	50	13	63	1,512	25	1.6%	4%	104%
5	Picton Lane	12	CWCC	304	8	2.6%	50	13	63	367	21	5.6%	21%	157%
6	Rake Lane	16	CWCC	1,497	9	0.6%	125	31	157	1,654	40	2.4%	10%	365%
7	A548 Sealand Road	25	FCC	16,610	256	1.5%	132	33	165	16,775	289	1.7%	1%	13%
8	B5129	29	FCC	3,340	24	0.7%	207 132	523 3	2594 65	3,59804	7657	2.14-6%	85%	216437%
9	B5125 1	37	FCC	6,076	23	0.4%	038	09	047	6,076123	2333	0.45%	01%	040%
10	B5125 2	50	FCC	1,640	8	0.5%	753 8	199	9447	1,734687	2748	1.60%	63%	228414%
11	B5126	46	FCC	7,633	86	1.1%	753 8	199	9447	7,727680	10495	1.42%	14%	2244%
12	A5119 1	47	FCC	11,254	130	1.2%	113 75	284 9	1419 4	11,39548	158149	1.43%	14%	2244%
13	Ince Lane	1	CWCC	5,792	226	3.9%	38	9	47	5,839	235	4.0%	1%	4%
14	Ash Road	70	CWCC	3,664	348	9.5%	38	9	47	3,711	358	9.6%	1%	3%
15	Pool Lane	2	CWCC	4,144	514	12.4%	113	28	141	4,285	542	12.7%	3%	5%
16	Starkey Lane	44	FCC	311	6	1.8%	38	9	47	358	15	4.2%	15%	164%
17	Alt Goch Lane	45	FCC	141	1	0.8%	38	9	47	188	11	5.6%	33%	811%
18	Chorlton Lane	74	CWCC	340	6	1.9%	125	31	157	497	38	7.6%	46%	497%
19	A540	20	CWCC	15,679	228	1.5%	75	19	94	15,773	247	1.6%	1%	8%
20	Upper Aston Hall Lane	84	FCC	1,753	4	0.2%	75	19	94	1,847	23	1.2%	5%	476%

Ref	Link	ATC Reference	LHA	Project Peak Month (August 2024)										
				2024 Baseline			Two-Way AADT			2024 + Proposed Development				
				24hr AADT	24hr HGV AADT	%HGV (24hr AADT)	LGV	HGV	Total	24hr AADT	24hr HGV AADT	%HGV (24hr AADT)	% AADT Increase	% HGV AADT Increase
21	Lower Aston Hall Lane	34	FCC	1,462	7	0.5%	75	19	94	1,556	26	1.6%	6%	276%
22	B5123	55	FCC	4,991	273	5.5%	75	19	94	5,085	292	5.7%	2%	7%
23	Bryntyrion Road	85	FCC	1,928	12	0.6%	75	19	94	2,022	30	1.5%	5%	162%
24	Lleprog Lane	82	FCC	80	3	4.0%	75	19	94	174	22	12.6%	117%	590%
25	Bryn Emlyn	54	FCC	4,630	360	7.8%	75	19	94	4,724	378	8.0%	2%	5%
26	Ffordd Groes	53	FCC	1,423	129	9.0%	75	19	94	1,517	147	9.7%	7%	15%
27	B5121	52	FCC	1,525	30	2.0%	75	19	94	1,619	49	3.0%	6%	62%
28	B5122	56	FCC	4,612	95	2.1%	75	19	94	4,706	114	2.4%	2%	20%
29	A5104	DfT Countpoint 30671	FCC	14,696	318	2.2%	<u>207</u> <u>132</u>	<u>523</u> <u>3</u>	<u>2594</u> <u>65</u>	14,955	<u>370</u> <u>351</u>	2.54%	<u>21</u> %	<u>160</u> %
30	Manor Lane	90	FCC	8,159	245	3.0%	<u>207</u> <u>132</u>	<u>523</u> <u>3</u>	<u>2594</u> <u>65</u>	8,418	<u>614</u> <u>24</u>	0.75%	<u>32</u> %	<u>552</u> <u>352</u> %
31	Little Rake Lane	15	CWCC	284	5	1.8%	125	31	157	441	36	8.3%	55%	610%
32	Brookside	81	FCC	2,518	7	0.3%	<u>753</u> <u>8</u>	<u>199</u>	<u>9447</u>	2,612	<u>2647</u>	1.007%	<u>42</u> %	<u>252</u> <u>126</u> %
33	A5117 4	DfT Countpoint 27768	CWCC	68,223	4,853	7.1%	75	19	94	68,317	4,872	7.1%	0%	0%
34	Overwood Lane	18	CWCC	406	10	2.3%	75	19	94	500	28	5.7%	23%	197%
35	Racecourse Lane	58	FCC	35	1	2.9%	75	19	94	129	20	15.4%	268%	1854%
36	B5125 4	82	FCC	8,187	37	0.5%	75	19	94	8,281	56	0.7%	1%	51%
37	A5119 2	DfT Countpoint 10669	FCC	11,479	399	3.5%	38	9	47	11,526	408	3.5%	0%	2%
38	Pool Lane North	99	CWCC	2,916	528	18.1%	38	9	47	2,963	537	18.1%	2%	2%

Highlighted cells are locations where Construction Traffic Route Peak Month Traffic has been applied. These are locations where no activity is forecast during the project peak month. Further information is provided in Appendix 17.2 Methodology (Volume III).