

MONA OFFSHORE WIND PROJECTS

Preliminary Environmental Information Technical Report

Volume 7, annex 21.5: Personal injury accident locations technical report



April 2023
FINAL

Image of an offshore wind farm

Document status

Version	Purpose of document	Authored by	Reviewed by	Approved by	Review date
Rev01	For Client review	RPS	bp/EnBW		12/07/2022
Rev02	For Client review	RPS	bp/EnBW		08/08/2022
Rev03	For Client review	RPS	bp/EnBW		20/01/2023
Rev04	Final	RPS	bp/EnBW	bp/EnBW	20/02/2023

The report has been prepared for the exclusive use and benefit of our client and solely for the purpose for which it is provided. Unless otherwise agreed in writing by RPS Group Plc, any of its subsidiaries, or a related entity (collectively 'RPS') no part of this report should be reproduced, distributed or communicated to any third party. RPS does not accept any liability if this report is used for an alternative purpose from which it is intended, nor to any third party in respect of this report. The report does not account for any changes relating to the subject matter of the report, or any legislative or regulatory changes that have occurred since the report was produced and that may affect the report.

The report has been prepared using the information provided to RPS by its client, or others on behalf of its client. To the fullest extent permitted by law, RPS shall not be liable for any loss or damage suffered by the client arising from fraud, misrepresentation, withholding of information material relevant to the report or required by RPS, or other default relating to such information, whether on the client's part or that of the other information sources, unless such fraud, misrepresentation, withholding or such other default is evident to RPS without further enquiry. It is expressly stated that no independent verification of any documents or information supplied by the client or others on behalf of the client has been made. The report shall be used for general information only.

Prepared by:

RPS

Prepared for:

Mona Offshore Wind Ltd.

Contents

1	PERSONAL INJURY ACCIDENT LOCATIONS	1
1.1	Introduction.....	1

Tables

Table 1.1:	Summary of personal injury accidents.	1
------------	--	---

Glossary

Term	Meaning
Annual Average Daily Traffic Flows (AADT)	The total volume of vehicular traffic on a section of highway for a year divided by 365 days.
Personal Injury Accident	An accident on the highway network leading to injury.
Rate per Billion Vehicle Kilometres	The number of personal injury accidents on a section of highway calculated to a common rate of one billion vehicle kilometres

Acronyms

Acronym	Description
AADT	Annual Average Daily Traffic Flows

1 PERSONAL INJURY ACCIDENT LOCATIONS

1.1 Introduction

1.1.1.1 This Traffic and transport technical report sets out a summary of personal injury accidents for the Mona Offshore Wind Project. The personal injury accident rates are set out in Table 1.1 and have been used to define a baseline transport position as set out in volume 7, chapter 21: Traffic and transport of the PEIR. The Personal Injury Accidents have been obtained from www.crashmap.co.uk which is a database using official data published by the Department for Transport based on records submitted to them by police forces. Data has been obtained over the five-year period 2017 to 2021 inclusive, which is the latest period over which data is available.

1.1.1.2 The personal injury accident locations have been determined based upon an initial estimate of the likely routing of construction vehicles along the adjacent highway network and the sections of highway (highway links) that form this. A figure showing the location of the highway link references listed in Table 1.1 is provided in volume 7, annex 21.1: Transport Figures of the PEIR

Table 1.1: Summary of personal injury accidents.

Link ref.	Description	Annual Average Daily Traffic Flows (AADT) (Total Vehicles)	Link Length	Personal Injury Accidents (5 years)	Rate per billion vehicle kilometres
L1	A55 between Junctions 27 and 27A	41,471	1.35	1	18
L2	A55 between Junctions 27 and 26	46,215	1.7	0	0
L3	A55 between Junctions 26 and 25	46,215	1.75	3	62
L4	A55 between Junctions 25 and 24A	46,215	2.45	2	58
L5	A55 between Junctions 24A and 24	46,215	2.75	4	130
L6	A55 between Junctions 24 and 23A	43,715	1.3	3	49
L7	A55 between Junctions 23A and 23	50,827	4.2	20	906
L8	A547 through Llanddulas	8,408	1.05	4	274
L9	A547 between Llanddulas and Parc Busnes Gogledd Cymru	6,847	2	0	0
L10	A547 between Parc Busnes Gogledd Cymru and A548 Chapel Street	9,256	1.2	9	639
L11	A547 between A548 Chapel Street and A55	5,955	0.8	4	294
L12	A548 Chapel Street between A547 and Lon Dirion	9,042	1.02	0	0
L13	A548 Chapel Street between Lon Dirion and Abergele Hospital	4,000	1.03	0	0

Link ref.	Description	Annual Average Daily Traffic Flows (AADT) (Total Vehicles)	Link Length	Personal Injury Accidents (5 years)	Rate per billion vehicle kilometres
L14	A548 Chapel Street between Abergele Hospital and B5381 Roman Road	2,919	1.76	3	991
L15	B5381 Roman Road between A548 and Moelfre	1,972	1.15	0	0
L16	B5381 Roman Road between Moelfre and Capel Carmel	1,554	1.35	1	476
L17	B5381 Roman Road between Capel Carmel and Roberts D a O	1,586	1.11	0	0
L18	B5381 Roman Road between Roberts D a O and Engine Hill	1,736	2.2	3	2083
L19	B5381 Glascoed Road between Engine Hill and Ffordd William Morgan	1,745	2.4	3	2261
L20	B5381 Glascoed Road between Ffordd William Morgan and Cwttir Lane	4,046	0.5	0	0
L21	Ffordd William Morgan between A55 and Carlton Court	3,481	0.73	1	115
L22	Ffordd William Morgan between Carlton Court and B5381 Glascoed Road	5,991	0.33	0	0
L23	Engine Hill between A55 and B5381 Glascoed Road	3,492	1.45	1	228