



AQUIND Limited

AQUIND INTERCONNECTOR

Environmental Statement Addendum 3 – Appendix 5.19 Updated Appendix 7.4 Marine Water and Sediment Quality

The Planning Act 2008

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

The Infrastructure Planning (Environmental Impact Assessment) Regulations 2017

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Appendix 5.19 Updated Appendix 7.4
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APPENDIX 7.4 – MARINE WATER AND SEDIMENT QUALITY CUMULATIVE ASSESSMENT MATRIX

- 1.1.1.1 This document is a 2023 updated revision (Rev. 002) of the Appendix 7.4 to Chapter 7 (Marine Water and Sediment Quality) that was presented in 2019. This updated document is presented as an appendix to ES Addendum 3.
- 1.1.1.2 This document should be read in conjunction with ES Addendum 3, Chapter 7 (Marine Water and Sediment Quality) of the Environmental Statement ('ES') Volume 1 (document reference 6.1.7) and the Chapter 29 (Cumulative Effects) of the ES Volume 1 (document reference 6.1.29).
- 1.1.1.3 Project/plans shown in Figures 29.1 to 29.5 of the ES Volume 2 (document reference 6.2.29.1, 6.2.29.2, 6.2.29.3, 6.2.29.4 and 6.2.29.5 and in Table 1 below have been sourced from interrogation of the Marine Management Organisation's ('MMO') Marine Information System¹. Further projects and plans have been included from the Planning Inspectorate's ('PINS') Programme of Projects, relevant Local Planning Authority ('LPA') planning portals and where relevant the Crown Estate Maps and GIS information.
- 1.1.1.4 Further to the review of cumulative projects and assessments undertaken in May 2020 which also identified and assessed two additional projects and Rampion 2 had submitted a scoping report (Section 20.2 of 7.8.1 ES Addendum), this list below has been updated on 14 March 2023 and the following updates to Stage 1 and 2 assessments are presented, as follows:
- Projects that are no longer in the datasets or where applications have been refused have strikethroughs in the matrix and are coloured **red**. These projects no longer have valid marine licences/permissions and are considered to be removed from the cumulative scenario as a result. In addition, projects where the permission/licence end dates are before September 2024 also have strikethroughs and are coloured **red**, as the revised indicative construction programme for the Proposed Development is Q4 2024-2026 (which is identified to be the earliest point at which construction could commence) and therefore, those projects will be completed prior to construction works for the Proposed Development having begun. None of these projects have been identified as new receptors and projects that have been completed will not result in any changes to the baseline that has already been assessed.
 - New projects that have come forward have been included within the matrix below and are illustrated as Figures 29.1A – 29.3A, 29.4A, and 29.5A. New projects were included where licence end dates fell beyond September 2024 and where the marine works fell within the Zones of Influence and were of a nature and scale to be considered for cumulative assessment. In addition, where project updates are available these have been taken into account and included below. These projects and any changes made in respect of projects previously identified and which remain relevant are coloured in **green**.
- 1.1.1.5 Further information relating to each item can be obtained through the MMO, PINS website and LPA planning portal. Distances are approximate (using GIS) and are measured from the closest point of the project/plan polygon as shown on the MMO Marine Information System (where relevant) to the closest point of the Marine Cable Corridor shapefile (see Figure 3.1 of the ES Volume 2 (document reference 6.2.3.1) of Chapter 3 (Description of the Proposed Development) of the ES Volume 3 (document reference 6.1.3)).
- 1.1.1.6 The ID numbers in Table 1 represents the relevant polygon number in in the figures, where the project is located. ID numbers with * indicate that they are not illustrated on the figures as no spatial data were found within the spatial datasets sourced but information was found online.
- 1.1.1.7 The Zone of Influence ('ZOI') within the nearshore area i.e. within the Water Framework Directive ('WFD') jurisdiction with a 3 km buffer (KP 0 – KP 21) is 5 km either side of the Marine Cable Corridor. This encompasses the coastal and transitional water bodies in the vicinity of the Proposed Development. The ZOI beyond WFD jurisdiction (and 3 km buffer) extends seaward, 25 km either side of the Marine Cable Corridor out to the UK/France Exclusive Economic Zone ('EEZ') boundary line.
- 1.1.1.8 Projects identified in the long list in Table 1 falling within the ZOI were screened in for further consideration.
- 1.1.1.9 The Planning Inspectorate Cumulative Effect Assessment Matrix from Advice note 17² has been used in compiling this data.
- 1.1.1.10 The PINS matrix uses three tiers to classify the stage of a project:

¹ MMO. (2023). Marine Information System. [Online]. Available at: <http://defra.maps.arcgis.com/apps/webappviewer/index.html?id=3dc94e81a22e41a6ace0bd327af4f346>

² <https://infrastructure.planninginspectorate.gov.uk/legislation-and-advice/advice-notes/>

- Tier 1, projects that are: under construction³; permitted application(s), whether under the Planning Act 2008 or other regimes, but not yet implemented; submitted application(s) whether under the Planning Act 2008 or other regimes but not yet determined;
- Tier 2, projects that are: on the Planning Inspectorate's Programme of Projects where a scoping report has been submitted; and
- Tier 3, projects that are: on the Planning Inspectorate's Programme of Projects where a scoping report has not been submitted; identified in the relevant Development Plan (and emerging Development Plans - with appropriate weight being given as they move closer to adoption) recognising that much information on any relevant proposals will be limited; identified in other plans and programmes (as appropriate) which set the framework for future development consents/approvals, where such development is reasonably likely to come forward.

³ Where other projects are expected to be completed before construction of the proposed NSIP and the effects of those projects are fully determined, effects arising from them should be considered as part of the baseline and may be considered as part of both the construction and operational assessment. The ES should clearly distinguish between projects forming part of the baseline and those in the CEA.

Table 1 Cumulative Assessment Matrix (ID Nos. with * indicate that they are not illustrated on the accompanying figures as no spatial data was found within the spatial datasets sourced but information was found on line).

Cumulative Projects					Stage 1		Stage 2			
ID No.	Application /Case Ref.	Applicant and Brief Description	Distance from Project (km)	Tier	Within Zone of influence (Zoi)?	Progress to stage 2?	Overlap in temporal scope?	Scale and nature of development likely to be significant effect?	Other Factors	Progress to Stage 3/4?
Major Projects (Offshore Wind Farms, Interconnector Cables, Oil and Gas) – Figures 29.1 and 29.2										
1	None	AQUIND Interconnector in French EEZ and French territorial waters	0	2	Yes	Yes	Yes – construction of French cable is likely to overlap with Proposed Project	No, significant transboundary effects identified due to low magnitude and short duration of potential impact.		No
N/A	None	AQUIND Interconnector UXO Clearance	0	1	Yes	Yes	No. Timescales and any requirement for UXO clearance for the AQUIND Interconnector are unknown at this stage – although it is anticipated that should the works be required, they will be undertaken prior to construction of the Proposed Development . However, the Applicant will monitor the progress of the development of these plans and should further information become available it will be assessed if required. It is also otherwise anticipated that a cumulative assessment would be undertaken as required as part of any application for UXO clearance work.	No		No
2	DCO/2013/00006 EN010032	Rampion Offshore Wind Limited, Rampion Wind Farm	13.64		Yes	Yes	OWF is fully operational. Temporal overlap relevant only to O&M activities.	Some interaction of passive plume possible, however the magnitude and duration of potential impacts predicted to arise from the projects is such that any possible cumulative effects are predicted to be negligible, and therefore it is concluded that there is no potential for significant cumulative effects.		No
3	EN010117	RWE / Rampion offshore wind limited, Rampion 2 Wind Farm Extension	0 (extension area overlaps Proposed Development)	2	Yes	Yes	Construction at Rampion ⁴ is due to start in 2026, so there is possible overlap with UXO and boulder clearance work (Section 4.5 of Rampion 2 PEIR Chapter	The potential overlap of activities will not lead to significant increases in environmental effects (i.e. increases in suspended sediment) due to the coarse nature of sediments and the small scale of works that may have	Within the Rampion 2 PEIR that was consulted on in 2021, Chapter 4 The Proposed Development, paragraph 4.3.21 identifies that consent for boulder clearance and UXO	No

⁴ <https://rampion2.com/public-consultation-further-onshore-cable-route-alternative/> and through direct consultation meeting with Rampion 2 Project Team in end of year 2021.

Cumulative Projects					Stage 1		Stage 2			
ID No.	Application /Case Ref.	Applicant and Brief Description	Distance from Project (km)	Tier	Within Zone of influence (Zoi)?	Progress to stage 2?	Overlap in temporal scope?	Scale and nature of development likely to be significant effect?	Other Factors	Progress to Stage 3/4?
							4 The Proposed Development ⁵) as the commencement of construction of the Proposed Development is indicatively 2024. Construction programmes suggest that Rampion 2 seabed preparation (UXO and boulder clearance) activities will coincide with the Proposed Development's cable installation activities.	temporal overlap. Furthermore, the Rampion 2 works will be operating over the whole of their site boundary whereas the Proposed Development works would be highly localised to the Marine Cable Corridor. In addition, the existing mitigations such as Vessel Management Plans, Notice to Mariners to avoid interactions will still apply and the fact that AQUIND and RWE are already in consultation will also ensure that interactions between the two projects are minimised. There would be no cumulative significant effects	removal will be sought in a separate future Marine Licence application. A search on the MMO Public Register (17/03/2023) has not revealed any applications of this nature to date by Rampion 2. As such, it would be difficult to undertake any meaningful assessment as it would be reliant upon the information within that application. In addition, a preliminary cumulative impact assessment has been conducted in the Rampion 2 PEIR Chapter 9 Benthic, Subtidal and Intertidal. This assessment includes the Proposed Development and concludes no significant cumulative effects during construction, or operation and maintenance. In relation to cumulative increases in suspended sediments from the Proposed Development and the Rampion 2 construction activities, the PEIR assessment finds no significant effects due to the small spatial overlap shared by the two projects and due to the naturally dynamic benthic environment.	
4		LEMS (Engie), Dieppe - Le Tréport	58.99	1	No	No	Latest information states that commissioning is expected in 2023.			No

⁵ <https://rampion2.com/formal-consultation-detailed-documents/>

Cumulative Projects					Stage 1		Stage 2			
ID No.	Application /Case Ref.	Applicant and Brief Description	Distance from Project (km)	Tier	Within Zone of influence (ZoI)?	Progress to stage 2?	Overlap in temporal scope?	Scale and nature of development likely to be significant effect?	Other Factors	Progress to Stage 3/4?
5		Fécamp Offshore Wind Farm - in French EEZ	33.17 km	3	No	No	Expected to be operational in 2023			No
6		Cote d'Albatre OWF	42.52	1	No	No				No
7	MLA/2016/00209/2	NATIONAL GRID IFA2 LTD, IFA2 Electricity Interconnector	0.44	1	Yes	Yes	Yes - Licence exp 2117 with construction completed and the project operational. Works will therefore be complete before the commencement of construction of the Proposed Development (indicatively 2024). Temporal overlap relevant only to O&M activities (including repair works). Licence restrictions mean that they cannot undertake work within 1km of the Chilling Landfall between 01/10 and 31/03.	Some interaction of passive plume possible, however the magnitude and duration of potential impacts arising from Proposed Development is such that any possible cumulative effects are predicted to be negligible, and therefore it is concluded that there is no potential for significant cumulative effects.		No
8	MLA/2018/00470	NATIONAL GRID IFA 2 LIMITED, IFA2 Interconnector – Unexploded Ordnance Activities – DC cables redline	0.44	1	Yes	Yes	No – Licence exp 12/2020 so works will be complete before work on the proposed development commences. (worst case programme for construction of the Proposed Development is for 2024-2026). No overlap.			No
9	MLA/2018/00470	NATIONAL GRID IFA 2 LIMITED, IFA2 Interconnector – Unexploded Ordnance Activities – AC cables redline	12.84	1	Yes	Yes	No – Licence exp 12/2020 so works will be complete before work on the proposed development commences (worst case programme for construction of the Proposed Development is for 2024-2026). No overlap.			No
10	MLA/2018/00470	NATIONAL GRID IFA 2 LIMITED, IFA2 Interconnector – Unexploded Ordnance Activities – Solent detonation zone	5.53	1	Yes	Yes	No – Licence exp 12/2020 so works will be complete before work on the proposed development commences (worst case programme for construction of the Proposed Development is for 2024-2026). No overlap.			No
11	MLA/2019/00017	NATIONAL GRID IFA 2 LIMITED, IFA2 Interconnector – Temporary Investigative Trial Pits	12.94	1	Yes	Yes	No – Licence exp 02/2020 so works will be complete before work on the proposed development commences			No

Cumulative Projects					Stage 1		Stage 2			
ID No.	Application /Case Ref.	Applicant and Brief Description	Distance from Project (km)	Tier	Within Zone of influence (Zoi)?	Progress to stage 2?	Overlap in temporal scope?	Scale and nature of development likely to be significant effect?	Other Factors	Progress to Stage 3/4?
							(worst case programme for construction of the Proposed Development is for 2024-2026). No overlap.			
12*		Oil and Gas Authority (OGA) 31st Offshore Licensing Round Blocks for this round were awarded on 04/06/2019. The blocks that were previously intersecting the proposed development 99/12, 99/13 and 99/14, were not awarded a licence. Awarded blocks 98/12 & 98/11b were awarded to Corallian Energy Ltd and are the closest blocks which are greater than 41 km to the west of the Proposed Development.	41	3	No	No				No
Aggregate Dredging Projects Figures 29.2 and 29.3										
A	L/2019/00089/1 Area 1803 Bassurelle Extension, Site BX 458	CEMEX Marine UK Ltd - Area 1803 Bassurelle Extension, Site BX 464	22.45	1	Yes	Yes	Licence end date 2041. Commencement of construction of the Proposed Development is 2024 so potential overlap.	No. Some interaction of passive plume possible, however the magnitude and duration of potential impacts arising from Proposed Development is such that any possible cumulative effects are predicted to be negligible, and therefore it is concluded that there is no potential for significant cumulative effects.		No
B	L/2019/00089/1	CEMEX Marine UK Ltd - Area 1803 Bassurelle Extension, Site BX 464	30.52	1	No	No	Licence end date 2041			No
C	MLA/2021/00472 and L/2022/00463/1	TARMAC MARINE DREDGING LIMITED - Area 458/464	32.32	1	No	No	Licence end date 2043			No
D	MLA/2021/00473 and L/2022/00379/1	CEMEX Marine UK Ltd Area 458/464	34.13	1	No	No	Licence end date 2043			No
E	MLA/2020/00238 and L/2021/00314/1	SEA AGGREGATES LIMITED Area 529	37.16	1	No	No	Licence end date 2042			No
F	L/2012/00285/5 and 09999/92501/5	HANSON AGGREGATES MARINE LIMITED Area 460	59.98	1	No	No	Licence end date 2034			No

Cumulative Projects					Stage 1		Stage 2			
ID No.	Application /Case Ref.	Applicant and Brief Description	Distance from Project (km)	Tier	Within Zone of influence (Zoi)?	Progress to stage 2?	Overlap in temporal scope?	Scale and nature of development likely to be significant effect?	Other Factors	Progress to Stage 3/4?
13	MLA/2012/00302/5	Westminster Gravels Ltd, Marine aggregate dredging licence Area 451 renewal	6.29	1	Yes	Yes	Yes - Licence exp 2028. Commencement of construction of the Proposed Development is 2024 so potential overlap.	No. Some interaction of passive plume possible, however the magnitude and duration of potential impacts arising from Proposed Development is such that any possible cumulative effects are predicted to be negligible, and therefore it is concluded that there is no potential for significant cumulative effects.		No
14	MLA/2012/00319/6	Volker Dredging Ltd, Area 340 15 Year Marine Licence	12.45	1	Yes	Yes	Yes - Licence exp 2035.	No. Some interaction of passive plume possible, however the magnitude and duration of potential impacts arising from Proposed Development is such that any possible cumulative effects are predicted to be negligible, and therefore it is concluded that there is no potential for significant cumulative effects.		No
15	MLA/2012/00320/6	Cemex UK Marine Ltd, Area 340 full term licence application	12.45	1	Yes	Yes	Yes - Licence exp 2035	No. Some interaction of passive plume possible, however the magnitude and duration of potential impacts arising from Proposed Development is such that any possible cumulative effects are predicted to be negligible, and therefore it is concluded that there is no potential for significant cumulative effects.		No
16	MLA/2012/00374/5	Tarmac Marine Dredging Ltd, Area 351 Full Term Licence Application	3.53	1	Yes	Yes	Yes - Licence exp 2035.	No. Some interaction of passive plume possible, however the magnitude and duration of potential impacts arising from Proposed Development is such that any possible cumulative effects are predicted to be negligible, and therefore it is concluded that there is no potential for significant cumulative effects.		No
17	MLA/2012/00375/4	Volker Dredging Ltd, Area 351 Full Term Licence Application	3.53	1	Yes	Yes	Yes - Licence exp 2035. Commencement of the construction of the Proposed	No. Some interaction of passive plume possible, however the magnitude and duration of		No

Cumulative Projects					Stage 1		Stage 2			
ID No.	Application /Case Ref.	Applicant and Brief Description	Distance from Project (km)	Tier	Within Zone of influence (Zoi)?	Progress to stage 2?	Overlap in temporal scope?	Scale and nature of development likely to be significant effect?	Other Factors	Progress to Stage 3/4?
							Development is indicatively 2024 so potential overlap.	potential impacts arising from Proposed Development is such that any possible cumulative effects are predicted to be negligible, and therefore it is concluded that there is no potential for significant cumulative effects.		
18	MLA/2014/00306/1	Tarmac Marine Dredging Limited, Area 396/1 Inner Owers	7.25	1	Yes	Yes	Yes - Licence exp 2030.	No. Some interaction of passive plume possible, however the magnitude and duration of potential impacts arising from Proposed Development is such that any possible cumulative effects are predicted to be negligible, and therefore it is concluded that there is no potential for significant cumulative effects.		No
19	MLA/2014/00306/1	Tarmac Marine Dredging Limited, Area 396/2 Inner Owers	10.76	1	Yes	Yes	Yes - Licence exp 2030.	No. Some interaction of passive plume possible, however the magnitude and duration of potential impacts arising from Proposed Development is such that any possible cumulative effects are predicted to be negligible, and therefore it is concluded that there is no potential for significant cumulative effects.		No
20	MLA/2014/00307/1	Hanson Aggregates Marine Limited, Area 435/1	7.33	1	Yes	Yes	Yes – Licence exp 2037.	No. Some interaction of passive plume possible, however the magnitude and duration of potential impacts arising from Proposed Development is such that any possible cumulative effects are predicted to be negligible, and therefore it is concluded that there is no potential for significant cumulative effects.		No
21	MLA/2014/00307/1	Hanson Aggregates Marine Limited, Area 435/2	9.01	1	Yes	Yes	Yes- Licence exp 2037.	No. Some interaction of passive plume possible, however the magnitude and duration of potential impacts arising from Proposed Development is such that any possible cumulative		No

Cumulative Projects					Stage 1		Stage 2			
ID No.	Application /Case Ref.	Applicant and Brief Description	Distance from Project (km)	Tier	Within Zone of influence (Zoi)?	Progress to stage 2?	Overlap in temporal scope?	Scale and nature of development likely to be significant effect?	Other Factors	Progress to Stage 3/4?
								effects are predicted to be negligible, and therefore it is concluded that there is no potential for significant cumulative effects.		
22	34276/081209/5	DEME Building Materials NV, Aggregate Extraction Area 478	4.39	1	Yes	Yes	Yes—Licence exp 2024.	No. Some interaction of passive plume possible, however the magnitude and duration of potential impacts arising from Proposed Development is such that any possible cumulative effects are predicted to be negligible, and therefore it is predicted that there is no potential for significant cumulative effects.		No
23	34328/090206/8	Volker Dredging Ltd, Aggregate Extraction Area 461	1.95	1	Yes	Yes	Yes- Licence exp 2042. Commencement of the construction of the Proposed Development is indicatively 2024 so potential overlap.	No. Some interaction of passive plume possible, however the magnitude and duration of potential impacts arising from Proposed Development is such that any possible cumulative effects are predicted to be negligible, and therefore it is concluded that there is no potential for significant cumulative effects.		No
24	34400/090416/12	HANSON AGGREGATES MARINE LTD, Aggregate Extraction Area 475	6.37	1	Yes	Yes	Licence end 2021. Worst case for commencement of the Proposed Development is 2021 so potential overlap.	No. Some interaction of passive plume possible, however the magnitude and duration of potential impacts arising from Proposed Development is such that any possible cumulative effects are predicted to be negligible, and therefore it is predicted that there is no potential for significant cumulative effects.		No
25	34400/090416/12 – MLA/2021/00177 for 473-1 and 473-2 The three southerly polygons no longer exist.	HANSON AGGREGATES MARINE LTD, Aggregate Extraction Areas 473, 474 East, West and Central	22.18	1	Yes	Yes	Licence end date 2041. Commencement of the construction of the Proposed Development is 2024, so potential overlap.	No. Some interaction of passive plume possible, however the magnitude and duration of potential impacts arising from Proposed Development is such that any possible cumulative effects are predicted to be negligible, and therefore it is concluded that there is no		No

Cumulative Projects					Stage 1		Stage 2			
ID No.	Application /Case Ref.	Applicant and Brief Description	Distance from Project (km)	Tier	Within Zone of influence (Zoi)?	Progress to stage 2?	Overlap in temporal scope?	Scale and nature of development likely to be significant effect?	Other Factors	Progress to Stage 3/4?
								potential for significant cumulative effects.		
26	MLA/2012/00195/5	TARMAC MARINE DREDGING LIMITED, Aggregate dredging Area 395 licence renewal – Area 395/2	2.64	1	Yes	Yes	Yes – Licence exp 2027. Commencement of construction of the Proposed Development is 2024 so potential overlap.	Some interaction of passive plume possible, however the magnitude and duration of potential impacts arising from Proposed Development is such that any possible cumulative effects are predicted to be negligible, and therefore it is concluded that there is no potential for significant cumulative effects.		No
27	MLA/2012/00197/6	AGGREGATE INDUSTRIES UK LIMITED, Aggregate dredging Area 395 licence renewal – Area 395/1	2.34	1	Yes	Yes	Yes - Licence exp 2034.	No. Some interaction of passive plume possible, however the magnitude and duration of potential impacts arising from Proposed Development is such that any possible cumulative effects are predicted to be negligible, and therefore it is concluded that there is no potential for significant cumulative effects.		No
28	MLA/2015/00431/1	TARMAC MARINE DREDGING LIMITED, Area 488	10.51	1	Yes	Yes	Yes- Licence exp 2037. Licence restrictions mean that work can only be undertaken between 01/04 and 30/06.	No. Some interaction of passive plume possible, however the magnitude and duration of potential impacts arising from Proposed Development is such that any possible cumulative effects are predicted to be negligible, and therefore it is concluded that there is no potential for significant cumulative effects.		No
29	MLA/2015/00432/1	CEMEX UK MARINE LIMITED, Area 453	12.21	1	Yes	Yes	Yes – Licence exp 2037. Licence restrictions mean that work can only be undertaken between 01/04 and 30/06 in Zone A and between 01/04 and 31/07 in Zone B.	No. Some interaction of passive plume possible, however the magnitude and duration of potential impacts arising from Proposed Development is such that any possible cumulative effects are predicted to be negligible, and therefore it is concluded that there is no potential for significant cumulative effects.		No

Cumulative Projects					Stage 1		Stage 2			
ID No.	Application /Case Ref.	Applicant and Brief Description	Distance from Project (km)	Tier	Within Zone of influence (Zoi)?	Progress to stage 2?	Overlap in temporal scope?	Scale and nature of development likely to be significant effect?	Other Factors	Progress to Stage 3/4?
30	MLA/2017/00227	HANSON AGGREGATES MARINE LIMITED, Marine Aggregate Extraction at Area 372/1	8.66	1	Yes	Yes	Yes – Licence exp 2029. Commencement of the construction of the Proposed Development is 2024, so potential overlap.	No. Some interaction of passive plume possible, however the magnitude and duration of potential impacts arising from Proposed Development is such that any possible cumulative effects are predicted to be negligible, and therefore it is concluded that there is no potential for significant cumulative effects.		No
31	MLA/2011/00302/1	CEMEX UK MARINE LIMITED, Area 407	22.48	1	Yes	Yes	Yes – Licence exp 2034.	No. Some interaction of passive plume is possible, however the level of impact arising from Proposed Development is of such magnitude and duration that no potential for significant cumulative effects exists, particularly considering that the majority of the aggregate area is outside the Zoi.		No
32		Saint – Nicolas West French Aggregate area	2.88	1	Yes	Yes	Yes - Licence issued 2013 for 30 years therefore there is potential for overlap in temporal scope (Programme for commencement of construction of the Proposed Development is for indicatively 2024).	No. Some interaction of passive plume possible, however the magnitude and duration of potential impacts arising from Proposed Development is such that any possible cumulative effects are predicted to be negligible, and there is no potential for significant cumulative effects.		No
33		Saint – Nicolas East French Aggregate area	4.16	1	Yes	Yes	Yes – Licence issued 2013 for 30 years therefore there is potential for overlap in temporal scope (Programme for commencement of construction of the Proposed Development is for indicatively 2024).	No. Some interaction of passive plume possible, however the magnitude and duration of potential impacts arising from Proposed Development is such that any possible cumulative effects are predicted to be negligible, and there is no potential for significant cumulative effects.		No
34		Cote d’Albatre Zone B French Aggregate area	23.37	1	Yes	Yes	Yes - Licence issued 2011 for 30 years. Commencement of the construction of the Proposed Development is indicatively 2024 so potential overlap.	No. Some interaction of passive plume possible, however the magnitude and duration of potential impacts arising from Proposed Development is such that any possible cumulative		No

Cumulative Projects					Stage 1		Stage 2			
ID No.	Application /Case Ref.	Applicant and Brief Description	Distance from Project (km)	Tier	Within Zone of influence (Zoi)?	Progress to stage 2?	Overlap in temporal scope?	Scale and nature of development likely to be significant effect?	Other Factors	Progress to Stage 3/4?
								effects are predicted to be negligible, and there is no potential for significant cumulative effects.		
Dredging and Disposal Projects - Figure 29.4										
A	MLA/2021/00221/1 and L/2022/00041/2	PORTSMOUTH INTERNATIONAL PORT Portsmouth International Harbour Dredging	4.52	1	Yes	Yes	Licence end date 2032. Commencement of the construction of the Proposed Development is indicatively 2024 so potential overlap	No. Some interaction of passive plume possible, however the magnitude and duration of potential impacts arising from Proposed Development is such that any possible cumulative effects are predicted to be negligible, and there is no potential for significant cumulative effects.		No
B	MLA/2021/00080	Boatfolk Marinas Ltd Haslar Marine Maintenance Dredging	5.38	1	Yes	Yes	Licence end date 2031. Commencement of the construction of the Proposed Development is indicatively 2024 so potential overlap	No. Some interaction of passive plume possible, however the magnitude and duration of potential impacts arising from Proposed Development is such that any possible cumulative effects are predicted to be negligible, and there is no potential for significant cumulative effects.		No
C	MLA/2021/00530	RRNSA Moorings Ltd. NSA Moorings Maintenance Dredging	5.33	1	Yes	Yes	Licence end date 2032. Commencement of the construction of the Proposed Development is indicatively 2024 so potential overlap	No. Some interaction of passive plume possible, however the magnitude and duration of potential impacts arising from Proposed Development is such that any possible cumulative effects are predicted to be negligible, and there is no potential for significant cumulative effects.		No
D	MLA/2016/00341/3	BP OIL UK Ltd. Hamble Jetty maintenance dredging	21.24	1	Yes	Yes	Licence end date 2027. Commencement of the construction of the Proposed Development is indicatively 2024 so potential overlap	No. Some interaction of passive plume possible, however the magnitude and duration of potential impacts arising from Proposed Development is such that any possible cumulative effects are predicted to be		No

Cumulative Projects					Stage 1		Stage 2			
ID No.	Application /Case Ref.	Applicant and Brief Description	Distance from Project (km)	Tier	Within Zone of influence (Zoi)?	Progress to stage 2?	Overlap in temporal scope?	Scale and nature of development likely to be significant effect?	Other Factors	Progress to Stage 3/4?
								negligible, and there is no potential for significant cumulative effects.		
35		NAB Tower Disposal Site (W1060)	7.97	1	Yes	Yes	Yes - Various licences dispose here at various times in the year so overlap is likely.	No. Disposal will be within Nab Tower disposal ground. Some interaction of passive plume possible, however the magnitude and duration of potential impacts arising from Proposed Development is such that any possible cumulative effects are predicted to be negligible, and there is no potential for significant cumulative effects.		No
36		Treloar Hole Disposal Site (W1046)	5.7	1	No	No				No
37	MLA/2017/00174/1	PORTSMOUTH CITY COUNCIL, Portsmouth International Ferry Port – Berth 2 Deepening	5.4		No	No				No
38	MLA/2016/00143/2	BOSKALIS WESTMINSTER LTD, Disposal to Nab Tower W1060 of surplus sand and gravel used in the construction of East Cowes Breakwater	17.96		No	No				No
39	MLA/2013/00371/2	COWES YACHT HAVEN, Maintenance Dredging 2014 – South Basin	18.19	1	No	No		No. Where projects are within the Zoi, some interaction of passive plume possible, however the magnitude and duration of potential impacts arising from Proposed Development is such that any possible cumulative effects are predicted to be negligible, and therefore it is predicted that there is no potential for significant cumulative effects.		No
40	MLA/2013/00371/2	COWES YACHT HAVEN, Maintenance Dredging 2015 – North Basin	18.24	1	No	No				No
41	MLA/2016/00036/2	PORTSMOUTH NAVAL BASE PROPERTY TRUST, Portsmouth Heritage Pontoon and HMS Warrior Dredging and Construction Works – Heritage Pontoon Area dredging	5.55	1	No	No				No
42	MLA/2016/00036/2	PORTSMOUTH NAVAL BASE PROPERTY TRUST, Portsmouth Heritage Pontoon and HMS Warrior Dredging and Construction Works – HMS Warrior dredging	5.51	1	No	No				No
43	MLA/2018/00167	PREMIER MARINAS (GOSPORT) LIMITED, Gosport Marina – Endeavour	5.91	1	No	No				No

Cumulative Projects					Stage 1		Stage 2			
ID No.	Application /Case Ref.	Applicant and Brief Description	Distance from Project (km)	Tier	Within Zone of influence (Zoi)?	Progress to stage 2?	Overlap in temporal scope?	Scale and nature of development likely to be significant effect?	Other Factors	Progress to Stage 3/4?
		Quay Link Pontoon Dredge—Keel Pocket								
44	MLA/2018/00167	PREMIER MARINAS (GOSPORT) LIMITED, Gosport Marina—Endeavour Quay Link Pontoon Dredge—Link Pontoon	5.53	1	No	No				No
45	MLA/2016/00433/1	KENDALL BROS. (PORTSMOUTH) LIMITED, Maintenance Dredging at Kendall's Wharf	5.21	1	No	No				No
46	MLA/2016/00255/2	DEAN & REDDYHOFF LIMITED, Haslar Marina Maintenance Dredge	5.7	1	No	No				No
47	MLA/2015/00426/2	THORNHAM MARINA LIMITED, Thornham Marine Maintenance Dredge	10.31	1	No	No				No
48	MLA/2016/00195/1	CASTLE MARINAS LIMITED, Birdham Pool—Basin Dredge, Revetment and pontoons—Basin Dredge	11.78	1	No	No				
49	MLA/2013/00321/3	PREMIER MARINAS (HAMBLE) LIMITED, Swanwick Marina Maintenance Dredge & Lifting Dock	21.67	1	No	No				No
50	MLA/2013/00216/4	HOME AND COMMUNITIES AGENCY, Cowes Outer Harbour Project Dredge disposal renewal—fairway dredge area	18.06	1	No	No				No
51	MLA/2013/00216/4	HOME AND COMMUNITIES AGENCY, Cowes Outer Harbour Project Dredge disposal renewal—Mooring field dredge area	18.02	1	No	No				No
52	MLA/2013/00216/4	HOME AND COMMUNITIES AGENCY, Cowes Outer Harbour Project Dredge disposal renewal—Eastern Channel Dredge Area	17.87	1	No	No				No
53	MLA/2013/00216/4	HOME AND COMMUNITIES AGENCY, Cowes Outer Harbour Project Dredge disposal renewal—Marina Basin Dredge Area	17.83	1	No	No				No
54	MLA/2013/00216/4	HOME AND COMMUNITIES AGENCY, Cowes Outer Harbour Project Dredge disposal renewal—No1 Buoy Bank Dredge Area	18.51	1	No	No				No
55	MLA/2013/00216/4	HOME AND COMMUNITIES AGENCY, Cowes Outer Harbour	18.60	1	No	No				No

Cumulative Projects					Stage 1		Stage 2			
ID No.	Application /Case Ref.	Applicant and Brief Description	Distance from Project (km)	Tier	Within Zone of influence (Zoi)?	Progress to stage 2?	Overlap in temporal scope?	Scale and nature of development likely to be significant effect?	Other Factors	Progress to Stage 3/4?
		Project Dredge disposal renewal – No1 Buoy Bank West								
56	MLA/2013/00216/4	HOME AND COMMUNITIES AGENCY, Cowes Outer Harbour Project Dredge disposal renewal – Trinity Landing	18.40	1	No	No				No
57	MLA/2013/00216/4	HOME AND COMMUNITIES AGENCY, Cowes Outer Harbour Project Dredge disposal renewal – Red Jet Terminal	18.27	1	No	No				No
58	MLA/2013/00216/4	HOME AND COMMUNITIES AGENCY, Cowes Outer Harbour Project Dredge disposal renewal – Marina Entrance	18.03	1	No	No				No
59	MLA/2013/00485/3	PREMIER MARINAS LIMITED, Chichester Marina Approach Channel dredging	12.88	1	No	No				No
60	MLA/2014/00004/5	MARINA DEVELOPMENTS LIMITED, SPARKES MARINA MAINTENANCE DREDGING	5.53	1	No	No				No
61	MLA/2014/00392/6	PREMIER MARINAS LIMITED, Gosport Marina Maintenance Dredge	5.89	1	No	No				No
62	MLA/2014/00288/1	MARINA DEVELOPMENTS LIMITED, Northney Marina - Maintenance Dredging	7.49	1	No	No				No
63	MLA/2014/00420/2	PREMIER MARINAS LIMITED, Port Solent Approach Channel Dredge	7.98	1	No	No				No
64	MLA/2014/00592/3	ABP Southampton - Maintenance Dredge Licence – Solent Approaches	15.25	1	No	No				No
65	MLA/2014/00592/2	ABP Southampton - Maintenance Dredge Licence – Nab Channel	1.48	1	Yes	Yes	Yes - Licence exp 2025 with dredging being undertaken on an as and when basis	No. Some interaction of passive plume possible, however the magnitude and duration of potential impacts arising from Proposed Development is such that any possible cumulative effects are predicted to be negligible, and therefore it is concluded that there is no potential for significant cumulative effects.		No
66	MLA/2015/00216/1	PREMIER MARINAS (SOUTHSEA) LIMITED, Southsea Marina	1.66	1	Yes	Yes	Licence exp 2025 with dredging being undertaken in years 1, 5 and 10 i.e. 2015, 2020 & 2025.	No - small scale dredging activities within Langstone Harbour. Some limited interaction with dredge		No

Cumulative Projects					Stage 1		Stage 2			
ID No.	Application /Case Ref.	Applicant and Brief Description	Distance from Project (km)	Tier	Within Zone of influence (ZoI)?	Progress to stage 2?	Overlap in temporal scope?	Scale and nature of development likely to be significant effect?	Other Factors	Progress to Stage 3/4?
		Maintenance Dredge of Marina Entrance					Commencement of the construction of the proposed development is indicatively 2024, so potential overlap in 2025.	disposal plume but interaction of short duration and therefore it is concluded that there will be no significant cumulative effects.		
67	MLA/2016/00025/2	ESSO PETROLEUM COMPANY LIMITED, Esso Fawley Marine Terminal Maintenance Dredging and Disposal Licence Renewal	20.66	1	No	No				No
68	MLA/2016/00093/2	COWES HARBOUR COMMISSION, Maintenance Dredge of the area in and around Shepard's Wharf Marina and Town Quay (Cowes) – Town Quay Mooring Basin	18.3	1	No	No				No
69	MLA/2016/00093/2	COWES HARBOUR COMMISSION, Maintenance Dredge of the area in and around Shepard's Wharf Marina and Town Quay (Cowes) – Shepard's Wharf Marina Zone 3	18.05	1	No	No				No
70	MLA/2016/00093/2	COWES HARBOUR COMMISSION, Maintenance Dredge of the area in and around Shepard's Wharf Marina and Town Quay (Cowes) – Shepard's Wharf Marina Zone 1	18.08	1	No	No				No
71	MLA/2016/00093/2	COWES HARBOUR COMMISSION, Maintenance Dredge of the area in and around Shepard's Wharf Marina and Town Quay (Cowes) – Shepard's Wharf Marina Zone 2	18.08	1	No	No				No
72	MLA/2016/00098	ROYAL YACHT SQUADRON, RYS Jubilee Haven Maintenance dredging	18.51	1	No	No				No
73	MLA/2016/00507/1	TARMAC LIMITED, Bedhampton Approach Channel and Berth Maintenance Dredge – Outer Area	6.94	1	No	No				No
74	MLA/2016/00507/1	TARMAC LIMITED, Bedhampton Approach Channel and Berth	7.51	1	No	No				No

Cumulative Projects					Stage 1		Stage 2			
ID No.	Application /Case Ref.	Applicant and Brief Description	Distance from Project (km)	Tier	Within Zone of influence (Zoi)?	Progress to stage 2?	Overlap in temporal scope?	Scale and nature of development likely to be significant effect?	Other Factors	Progress to Stage 3/4?
		Maintenance Dredge – inner area								
75	MLA/2016/00484	ROYAL NAVAL SAILING ASSOCIATION, RNSA – Hornet Capital Dredge	5.84	1	No	No				No
76	MLA/2016/00484	ROYAL NAVAL SAILING ASSOCIATION, RNSA – Alliance Pontoon Maintenance Dredge	5.82	1	No	No				No
77	MLA/2016/00484	ROYAL NAVAL SAILING ASSOCIATION, RNSA - Haslar Maintenance Dredge	5.8	1	No	No				No
78	MLA/2017/00105	GOSPORT FERRY LIMITED, Gosport Ferry Clarence Wharf Maintenance Dredging	6.35	1	No	No				No
79	MLA/2016/00446/1	COWES CORINTHIAN YACHT CLUB LIMITED, CCYC Marina maintenance dredge	18.19	1	No	No				No
80	MLA/2017/00308	TRAFALGAR WHARF LIMITED, Trafalgar Wharf Approach Channel dredging	8.73	1	No	No				No
81	MLA/2017/00478	DEFENCE INFRASTRUCTURE ORGANISATION, HMNB Portsmouth Maintenance Dredging and Disposal	3.47	1	Yes	Yes	Yes. Licence exp 2028 with dredging being undertaken annually on a spring neap tide.	No. Small scale maintenance dredging will be undertaken in the berths within the harbour, disposal at Nab Tower to the west of the marine cable corridor. Some interaction of passive plume possible, however the magnitude and duration of potential impacts arising from Proposed Development is such that any possible cumulative effects are predicted to be negligible, and therefore it is concluded that there is no potential for significant cumulative effects.		No
82	MLA/2017/00377	ISLE OF WIGHT COUNCIL, Maintenance dredging, Ryde Harbour, Isle of Wight – harbour entrance	9.03	1	No	No				No
83	MLA/2017/00377	ISLE OF WIGHT COUNCIL, Maintenance dredging, Ryde Harbour, Isle of Wight – harbour arm	8.99	1	No	No				No

Cumulative Projects					Stage 1		Stage 2			
ID No.	Application /Case Ref.	Applicant and Brief Description	Distance from Project (km)	Tier	Within Zone of influence (Zoi)?	Progress to stage 2?	Overlap in temporal scope?	Scale and nature of development likely to be significant effect?	Other Factors	Progress to Stage 3/4?
84	MLA/2018/00285/1	SOUTHAMPTON ISLE OF WIGHT AND SOUTH OF ENGLAND ROYAL MAIL STEAM PACKET COMPANY LIMITED, East Cowes Lay-By Berth	17.96	1	No	No				No
85	MLA/2016/00058/1	HILL HEAD SAILING CLUB, Hill Head Harbour Channel Maintenance dredging	15.09	1	No	No				No
86	MLA/2013/00451 (refused)	KENDALL BROS. (PORTSMOUTH) LIMITED, Kendall's Wharf extension and capital dredge	5.33		No	No				No
87	MLA/2019/00064	ATHENA RACING LIMITED, INEOS Dredging and pontoon installation, Camber Dock, Portsmouth	5.18	1	No	No				No
Coastal Projects – Figure 29.5										
A	MLA/2017/00330 and MLA/2021/00272	PLANNING FLOOD DEFENCE TRUST Pagham Harbour Flood Defence	10.92	1	No	No	Licence end date 2027			No
B	MLA/2020/00420 and L/2021/00045/1	Portsmouth City Council Near shore marine based ground investigations (GI) works to inform the Tipner West & Horsea Island East development proposal. T	5.41	1	No	No	Licence end date 2027			No
C	MLA/2020/00376/1 and L/2021/00409/1	Haslar Marina additional pontoon berths (50 in number)	5.37	1	No	No	Licence end date Dec 2024			No
88	MLA/2016/00195/1	CASTLE MARINAS LIMITED, Birdham Pool – Basin Dredge, Revetment and pontoons – Revetment and pontoon construction	11.78	1	No	No				No
89	MLA/2016/00036/2	PORTSMOUTH NAVAL BASE PROPERTY TRUST, Portsmouth Heritage Pontoon and HMS Warrior Dredging and Construction Works – Heritage Pontoon Area pontoon construction	5.55	1		No				No
90	MLA/2016/00036/2	PORTSMOUTH NAVAL BASE PROPERTY TRUST, Portsmouth Heritage Pontoon and HMS Warrior Dredging and	5.51	1	No	No				No

Cumulative Projects					Stage 1		Stage 2			
ID No.	Application /Case Ref.	Applicant and Brief Description	Distance from Project (km)	Tier	Within Zone of influence (Zoi)?	Progress to stage 2?	Overlap in temporal scope?	Scale and nature of development likely to be significant effect?	Other Factors	Progress to Stage 3/4?
		Construction Works—HMS Warrior pontoon construction								
91	MLA/2019/00117	ROBERT WYNN & SONS LIMITED, The beach landing of barge and safe discharge of cargo at Lee on Solent	12.61	1	No	No				No
92	MLA/2018/00419	SOUTHERN WATER LIMITED, Outfall jetting at Gilkicker lagoon	6.95		No	No				No
93	MLA/2019/00024	SOUTHERN WATER LIMITED, Jetting at 46 Sea Lane	18.99	1	No	No				
94*	MLA/2015/00446	COWES WEEK LIMITED, Racing marks in the Solent – Position 1	15.96	1	No	No				No
95*	MLA/2015/00446	COWES WEEK LIMITED, Racing marks in the Solent – Position 2	13.17	1	No	No				No
96*	MLA/2015/00446	COWES WEEK LIMITED, Racing marks in the Solent – Position 3	13.61	1	No	No				No
97*	MLA/2015/00446	COWES WEEK LIMITED, Racing marks in the Solent – Position 4	11.14	1	No	No				No
98	MLA/2018/00028	SUSTAINABLE SEAWEED LIMITED, Nearshore Seaweed Cultivation of Native Species	19.38	1	No	No				No
99*	MLA/2019/00183	I & G CONTRACTORS LIMITED, Removal of old gas pipe in Paghham Harbour	12	1	No	No				No
100	MLA/2015/00301 (refused)	NJP ENVIRONMENTAL LIMITED, National Grid—Chilling Ceiling End Compound	18.98		No	No				No
101*	MLA/2018/00447	Mr Stephen Beill, Mooring a Houseboat in Bembridge Harbour	8.6	1	No	No	Licence end date 2035			No
102	MLA/2017/00174/1	PORTSMOUTH CITY COUNCIL, Portsmouth International Ferry Port—Berth 2 Deepening—Scour Mattress East removal and installation	5.42		No	No				No
103	MLA/2017/00174/1	PORTSMOUTH CITY COUNCIL, Portsmouth International Ferry Port—Berth 2 Deepening—Scour Mattress West removal and installation	5.49		No	No				No
104	MLA/2017/00203	PREMIER MARINAS (GOSPORT) LTD,	5.94	1	No	No				No

Cumulative Projects					Stage 1		Stage 2			
ID No.	Application /Case Ref.	Applicant and Brief Description	Distance from Project (km)	Tier	Within Zone of influence (Zoi)?	Progress to stage 2?	Overlap in temporal scope?	Scale and nature of development likely to be significant effect?	Other Factors	Progress to Stage 3/4?
		Gosport Marina Link Pontoon to Endeavour Quay—Hoist dock removal and Link Pontoon installation								
105	MLA/2016/00490	PORTSMOUTH-SAILING-CLUB, Portsmouth Sailing Club-Camber Dock Works	5.21	1	No	No				No
106	MLA/2017/00014	MARITIME-ARCHAEOLOGY-SEA-TRUST, HMS Invincible Project—rescue excavation of the Wreck	1.16	1	Yes	Yes	No, licence exp 2020 however works on the application / licence were scheduled to complete in 2019 (worst case programme for construction of the Proposed Development is for 2021-2023). No overlap.			No
107	MLA/2016/00392	TRAFALGAR WHARF LIMITED, Trafalgar Wharf Dry Stack Pontoons – extension of the existing pontoon	9.03	1	No	No				No
108	MLA/2016/00436/2	PORTSMOUTH-CITY-COUNCIL, North Portsea Island Flood and Coastal Erosion Scheme Phase 3 –Tipner Lake	6.10		No	No				No
109	MLA/2019/00052	M-L(UK)-LIMITED, Trial pits to determine ground conditions for future barge landing to deliver historic landing craft	4.26	1	Yes	Yes	No. Licence exp 02/2020 so works will be complete before work on the proposed development commences (worst case programme for construction of the Proposed Development is for 2021-2023). No overlap.			No
110	MLA/2019/00095	Rampion Offshore Wind Farm - pre-emptive Export Cable Repairs	18.37	1	Yes	Yes	Yes. Work will be carried out on as and when basis until 2040, potential for overlap.	No. Some interaction of passive plume possible, however the magnitude and duration of potential impacts arising from Proposed Development is such that any possible cumulative effects are predicted to be negligible, and therefore it is concluded that there is no potential for significant cumulative effects.		No
111	MLA/2019/00120	Rampion—recovery of various materials/debris	18.77	1	Yes	Yes	No—Work will be carried out on as and when basis until 2020 so works will be complete before work on the proposed development commences (worst case programme for			No

Cumulative Projects					Stage 1		Stage 2			
ID No.	Application /Case Ref.	Applicant and Brief Description	Distance from Project (km)	Tier	Within Zone of influence (ZoI)?	Progress to stage 2?	Overlap in temporal scope?	Scale and nature of development likely to be significant effect?	Other Factors	Progress to Stage 3/4?
							construction of the Proposed Development is for 2021-2023). No overlap.			
112	MLA/2018/00395	MINSTED PROPERTIES LLP., Dolphin Quay – Quay (Flood) Wall Replacement and Removal of Existing	10.25	1	No	No				No
113	MLA/2014/00476/1	Warship Hazardous Prize Project Group, Archaeological investigation of Hazardous Prize 1706 - a protected wreck at risk	6.30	1	No	No				No
114	MLA/2018/00094	Greene King Retailing Ltd, The Folly Pontoon replacement, River Medina, IoW	17.72		No	No				No
115	MLA/2018/00146	JPC Demolition LLP, Demolition of Little Susie and Xoron – demolition of derelict houseboats in Bembridge Harbour, IoW	8.63		No	No				No
116	MLA/2017/00104	Eastern Solent Coastal Partnership - South Hayling Beach Management Plan (2017-2022) Implementation. Maintaining Eastoke beach height / profile through beach nourishment. As this is an ongoing activity works are generally programmed to take place in early March and / or September each year. Each beach management campaign is expected to last for 2-4 weeks.	1.96	1	Yes	Yes	Yes - Licence end date September 2027.	No. Some interaction with potential sediment plume resulting from HDD and cable installation activities inside KP21, but any potential impact is predicted to be of low magnitude and short duration and it is concluded that there will be no significant cumulative effects.		No
117	MLA/2017/00041/1	RNLI East Division - Portsmouth Lifeboat Station. 10 year maintenance licence for 1. Maintenance to Moorings 2. Maintenance to Pontoon Berths 3. Minor beach re-profiling works 4. Maintenance to Lifeboat Station Boathouses, slipways & launch ramps 5. Maintenance Activities associated with safety of lifeboat launch and recovery	0.90	1	Yes	Yes	Yes - Licence end date 31.05.2027.	No. Some interaction with potential sediment plume resulting from HDD and cable installation activities inside KP21, but any potential impact is predicted to be of low magnitude and short duration and it is concluded that there will be no significant cumulative effects.		No

Cumulative Projects					Stage 1		Stage 2			
ID No.	Application /Case Ref.	Applicant and Brief Description	Distance from Project (km)	Tier	Within Zone of influence (Zoi)?	Progress to stage 2?	Overlap in temporal scope?	Scale and nature of development likely to be significant effect?	Other Factors	Progress to Stage 3/4?
		6. Maintenance to beach lifeguard units 7. Navigational Dredging								
118*	16/00255/FUL (Portsmouth City Council T&CPA application)	Southern Water Services Ltd – Flood defence improvement scheme stretching for 4.5 km from Old Portsmouth to Eastney. Replacement of existing coastal sea defences with a rock revetment, and maintenance of existing structures.	0.16	1	Yes	Yes	Potential overlap—application submitted and onshore work to start 2019.	No. Some interaction with potential sediment plume resulting from HDD and cable installation activities inside KP21, but any potential impact is predicted to be of low magnitude and short duration and no significant cumulative effects are predicted.	Construction complete	No
119*	14/01387/FUL PO3 5LY—Portsmouth City Council	Coastline Between Ports Creek Railway Bridge and Kendall's Wharf Portsmouth – Construction of new coastal defences consisting of raised earth embankments with rock armour on the seaward side, together with wave walls to abut the A2030 Eastern Road bridge to tie into the new embankments (along the alignment of the existing coastal defences).	4.36	1	Yes	Yes	Planning decision for approval in February 2015. Development to be begun within 3 years.	No. Some interaction with potential sediment plume resulting from HDD and cable installation activities inside KP21, but any potential impact is predicted to be of low magnitude and short duration and no significant cumulative effects are predicted.	Construction complete	No
120	19/10197/FUL (Portsmouth City Council T&CPA application) East Solent Coastal Partnership MLA/2019/00316/2	Southsea Coastal Flood and Erosion Risk Management Scheme. The works comprise of a vertical sea wall. Raising and realignment of the promenade and associated highway, construction of stepped revetment, rock armour, revetments and groynes, secondary defence walls and bunds, beach widening and all associated works and landscaping.	0.75	1	Yes	Yes	Licence end date is December 2031. Yes, potential overlap. Works proposed to start in March 2020 and end in May 2026 in application to MMO and Portsmouth City Council. Commencement of the construction of the Proposed Development is indicatively 2024, so potential overlap.	No. Some interaction with potential sediment plume resulting from HDD and cable installation activities inside KP21, but any potential impact is predicted to be of low magnitude and short duration and it is concluded that there will be no significant cumulative effects.		No
121	Fraser Range 19/10197/FUL (Portsmouth City Council T&CPA application) MLA/2019/00249	The development has been submitted and is under consultation. It consists of a part demolition, redevelopment and conversion of existing structures, construction of new buildings to create 108 apartments and 25 houses, change of use of North Cape	0	1	Yes	Yes	Yes, potential overlap. It is currently anticipated that the seawall works could take approximately 8 to 10 months within the period July 2019 to July 2022.	No. Some interaction with potential sediment plume resulting from HDD and cable installation activities inside KP21, but any potential impact is predicted to be of low magnitude and short duration and no significant cumulative effects are predicted.	The marine licence application for the marine works has been withdrawn.	No

Cumulative Projects					Stage 1		Stage 2			
ID No.	Application /Case Ref.	Applicant and Brief Description	Distance from Project (km)	Tier	Within Zone of influence (Zoi)?	Progress to stage 2?	Overlap in temporal scope?	Scale and nature of development likely to be significant effect?	Other Factors	Progress to Stage 3/4?
		House to a single self-build residential unit (total 134 dwellings) access road, parking and landscaping works. The marine works specifically involve the creation of a rock revetment and improvements to the existing seawall.								

