

101381644
Revision 01 EA-SZC-21864Y



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Environment Agency
Permitting Support, NPS Sheffield
Quadrant 2
99 Parkway Avenue
Parkway Business Park
Sheffield
S9 4WF

File Ref: 101381644
Unique Number: EA-SZC-21864Y
Your Ref: N/A

Wednesday 4 December 2024

For the attention of (redacted), Senior Permitting Officer (National Infrastructure Permitting)

Dear (redacted),

FOR ASSESSMENT: CONSTRUCTION WATER DISCHARGE ACTIVITY PERMIT APPLICATION FOR DESALINATION PLANT PROCESS EFFLUENT DISCHARGE TO NORTH SEA AT SIZEWELL C (CWDA-78)

A desalination plant is proposed to be used on a temporary basis at Sizewell C to provide non potable water to the project for use during construction. The plant is required, as part of the project, to provide a source of private water supply to the site during the construction period. Desalination is the process of removing salt and other minerals from seawater. The desalination plant will therefore intake seawater and treat it to enable it to be used for multiple purposes across the construction site. As part of the treatment process, the plant will generate a ‘brine’ reject as well as smaller quantities of process wastewater, which will be required to be discharged to the North Sea. Therefore, a construction water discharge activity permit is required from the Environment Agency for this to take place.

A bespoke water discharge permit application has been prepared and is enclosed covering the following activity:

- Discharge of process effluent from the temporary desalination plant to the North Sea

Should you have any questions or comments, we will be happy to provide further information on this as part of our ongoing Level 4 interactions.

Yours sincerely,

DocuSigned by:
Stuart Woodings
D16CC91AFFEA410...

Stuart Woodings
Head of Environmental
Consenting and Assurance

Sizewell C Limited

Copy:
(Redacted)

SZC Ltd Review	Role	Name	Signature
Peer Check	Regulatory and Licensing Officer	Stacey Richards	DocuSigned by: <i>Stacey Richards</i> AF02D27783C543A...
Independent Verification	n/a	n/a	
Approval	Safety, Security and Assurance Director	Mina Golshan	DocuSigned by: <i>Mina Golshan</i> E66626D568434E7...

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Enclosures

	Document Title	EDRMS Reference Number	Version Number	Protective marking	Transmitted via
1.	SZC_CWDA78_Technical Supporting Document	101304497	001	NOT PROTECTIVELY MARKED	Teamcenter
2.	Appendix A – Environmental Permit Application Forms (Part B2 and B6)	101357876	001	NOT PROTECTIVELY MARKED	Teamcenter
3.	Appendix A2 – Environmental Permit Application Forms (Part A and F1)	101388344	001	UK PROTECT – PRIVATE PERSONAL	Teamcenter
4.	Appendix B – Site Plans and Design Drawings	101357880	001	NOT PROTECTIVELY MARKED	Teamcenter
5.	Appendix C – Cefas Report TR552 Sizewell C Desalination Plant Construction Discharge Assessment	100906975	004	NOT PROTECTIVELY MARKED	Teamcenter
6.	Appendix D – Qualitative Bespoke Environmental Risk Assessment	101357893	001	NOT PROTECTIVELY MARKED	Teamcenter
7.	Appendix E – Construction Water Discharge Activity Permit Application MCA/CWDA/78 (Desalination Plant) Water Environment Regulations Compliance	101357901	001	NOT PROTECTIVELY MARKED	Teamcenter
8.	Appendix F – Package to Inform Countryside Rights of Way (CRoW) Act Assessment and Habitats Regulations Assessment (HRA) Permit MCA/CWDA/78 – Water Discharge Activity Permit for Desalination Plant	101357904	001	NOT PROTECTIVELY MARKED	Teamcenter
9.	Appendix G – Extract from SZC DCO ES Chapter 21 Baseline Marine Water Quality	101357907	001	NOT PROTECTIVELY MARKED	Teamcenter

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10.	Appendix H – Extract from SZC DCO ES Chapter 21 Appendix 21E Baseline Marine Water Quality Summary	101357908	001	NOT PROTECTIVELY MARKED	Teamcenter
11.	Appendix I – WFD Summary Extract from DCO	101357969	001	NOT PROTECTIVELY MARKED	Teamcenter
12.	List of Directors	101295874	004	NOT PROTECTIVELY MARKED	Teamcenter