



MARINE ENERGY WALES
MARINE ENERGY TEST AREA (META)

Outline Environmental Management Plan



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Acronyms

Acronym	Definition
CIC	Community Interest Company
DIOMS	Device Installation and Operation Method Statements
EMP	Environmental Management Plan
EMMP	Environmental Mitigation and Monitoring Plan
ES	Environmental Statement
IEMA	Institute of Environmental Management and Assessment
MEW	Marine Energy Wales
MHWS	Mean High Water Springs
ML	Marine Licence
MWL	Marine Works Licence
NRW PS	Natural Resources Wales Permitting Services
PCF	Pembrokeshire Coastal Forum
RAMS	Risk And Method Statement

1. INTRODUCTION

1.1 Purpose

- 1.1.1.1 This Environmental Management Plan (EMP) has been prepared by RPS on behalf of Marine Energy Wales (MEW), a Pembrokeshire Coastal Forum (PCF) Community Interest Company (CIC) led project (the Applicant), to support licence/consent applications for the Marine Energy Test Area (META) project. MEW recognises that due to the emerging nature of the wave and tidal energy industries, there is uncertainty about how potential impacts of the installation, operation and maintenance, and decommissioning of marine energy projects will be managed. The purpose of this EMP is to provide an outline of the post-consent approach to environmental management at the META project (Phase 2 sites – Warrior Way (site 6), Dale Roads (site 7) and East Pickard Bay (site 8)). An EMP will also be produced for Phase 1 subsequent to the issue of consent for Phase 1 META sites.
- 1.1.1.2 The purpose of the post-consent EMP will be to provide a consolidated document which encompasses the various project environmental requirements for the installation, operational and maintenance, and decommissioning phases, to enable efficient management and dissemination of these requirements. It will provide a framework through which the potential environmental impacts associated with the META project activities are managed.
- 1.1.1.3 The EMP will provide:
- **A practical tool** for managing the potential environmental impacts of the META project;
 - **Guidance** on how to prevent and/or mitigate potential environmental impacts; and
 - **A framework** for measuring and improving project environmental performance.
- 1.1.1.4 The EMP will form the minimum standard for all relevant project personnel, device developers and contractors to comply with. Developers and contractors must take account of the requirements contained within the EMP when developing their device-specific Risk And Method Statements (RAMS) and Device Installation and Operation Method Statements (DIOMS). Developers and contractors will also be required, in collaboration with the MEW Operational Manager, to provide device-specific EMPs for each device deployment, detailing how they comply with the requirements set out in this EMP and the META Environmental Mitigation and Monitoring Plan (EMMP). A template for the device-specific EMPs, which will draw on and form part of the overarching post-consent EMP, is provided in ANNEX 6.
- 1.1.1.5 This outline EMP has been prepared with reference to the Institute for Environmental Management and Assessment (IEMA) guidance on Environmental Management Plans (IEMA, 2008).

1.2 Scope

- 1.2.1.1 The remit of the EMP will be for META project activities taking place seaward of Mean High Water Springs (MHWS) at Warrior Way (site 6), Dale Roads (site 7) and East Pickard Bay (site 8). The EMP will be applicable to all MEW personnel, developers and contractors carrying out activities associated with the META project.

1.3 Document Structure

- 1.3.1.1 This EMP is divided into three main parts:
- **Part I – Management, implementation and communication:** provides information on the management and implementation of the EMP, including roles and responsibilities, and lines of communication.
 - **Part II – Environmental Mitigation and Monitoring Plan:** provides an introduction and overview of the EMMP, including guidance for practical use for environmental considerations during the installation, operational and maintenance, and decommissioning phases of the META project.
 - **Part III – Annexes:** provides relevant supporting information, including reporting forms and procedures and management plans.

1.4 Project Background and Consents

1.4.1 Project Description

- 1.4.1.1 The META project comprises three test sites for wave and tidal energy devices located within and in the vicinity of the Milford Haven Waterway (hereafter referred to as 'the Waterway'), in Pembrokeshire, South West Wales. The Warrior Way (site 6) and Dale Roads (site 7) sites are located within the Waterway, and the East Pickard Bay (site 8) site is located on the south-eastern boundary of the Waterway, 500 m west of the MHWS at Freshwater West Bay (see Figure 1.1). Figure 1.2 to Figure 1.4 show the location of each test site in the context of environmentally designated sites.
- 1.4.1.2 The installation of tidal devices at Warrior Way (site 6), wave energy devices at Dale Roads (site 7) and wave energy devices and floating wind components at East Pickard Bay (site 8) and associated ancillary equipment will be on a device-specific basis and may take place throughout the lifespan of the project (15 years). It is anticipated that the first test deployments at META project sites will commence in 2020. Full details of the project are provided in chapter 2: Project Description of the Environmental Statement.

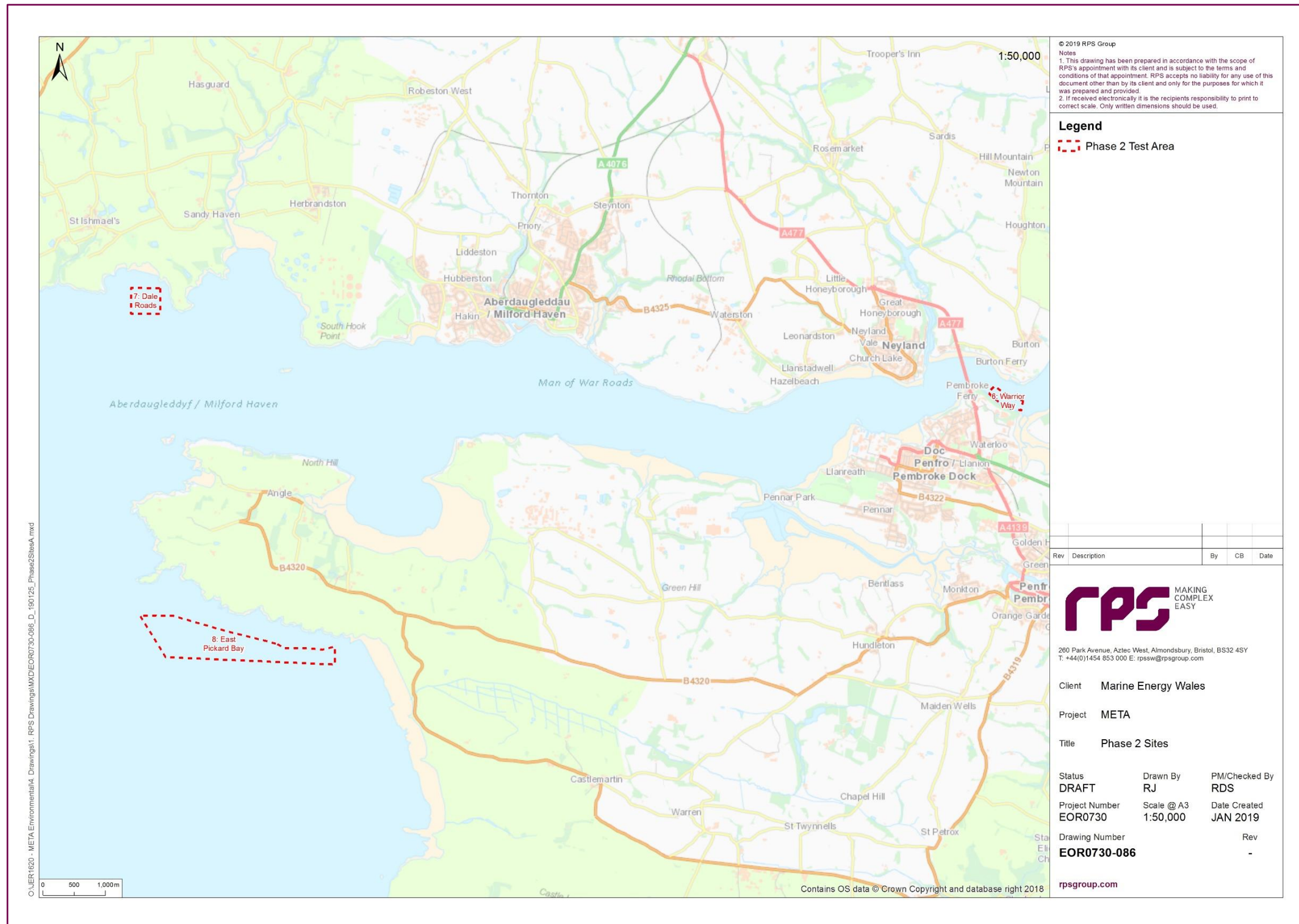


Figure 1.1: META project sites overview.

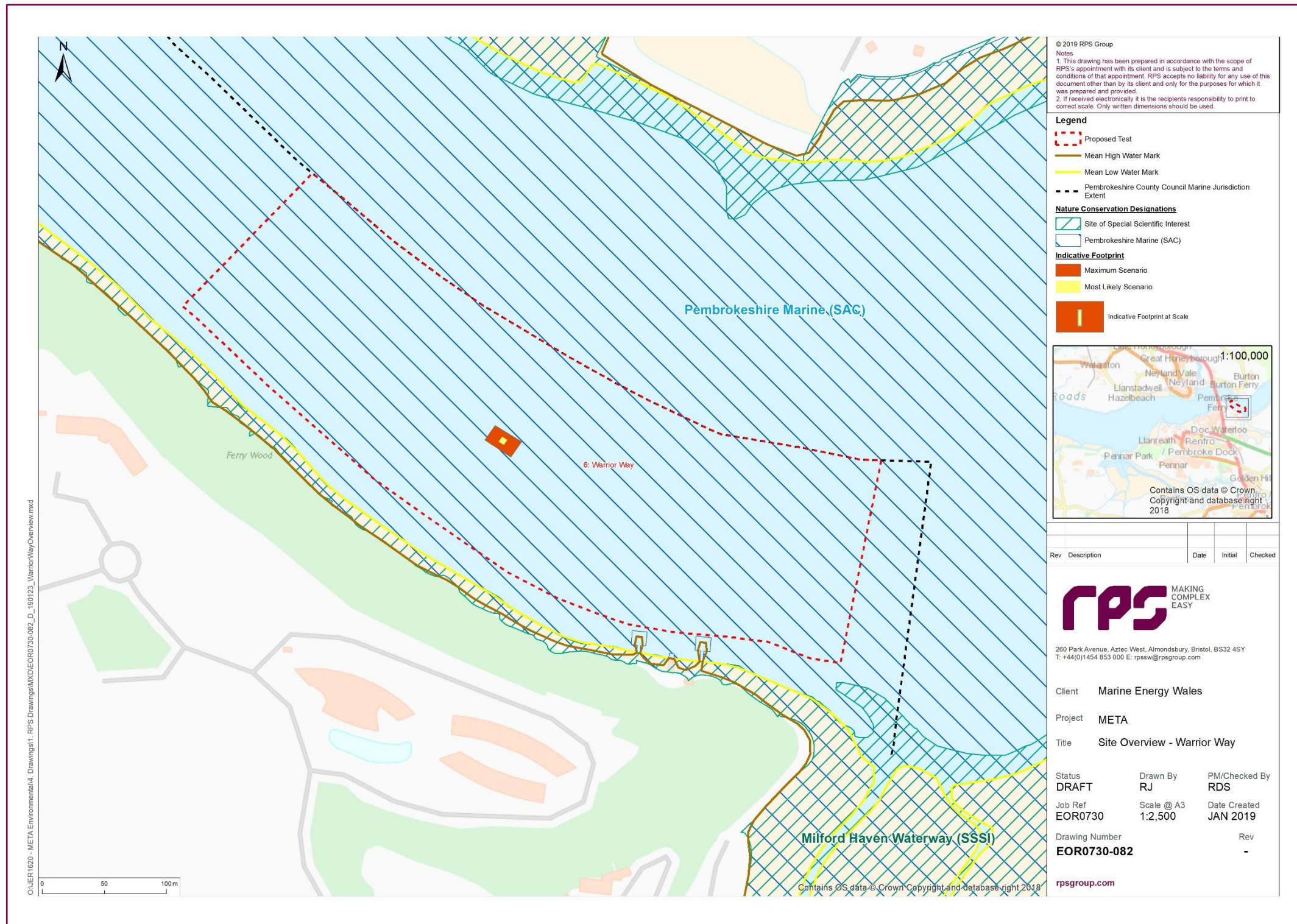


Figure 1.2: Warrior Way (site 6) overview and designations.

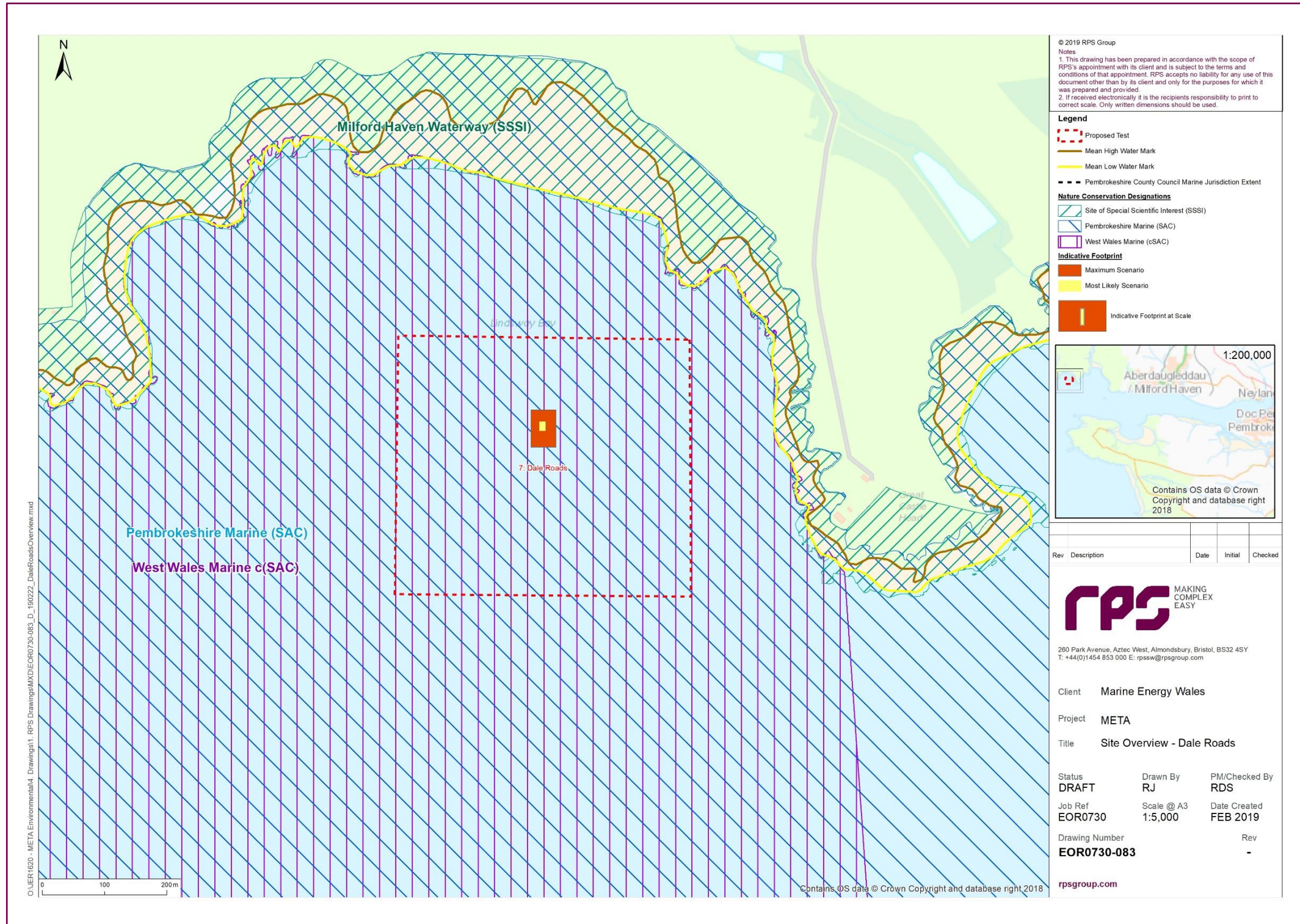


Figure 1.3: Dale Roads (site 7) overview and designations.

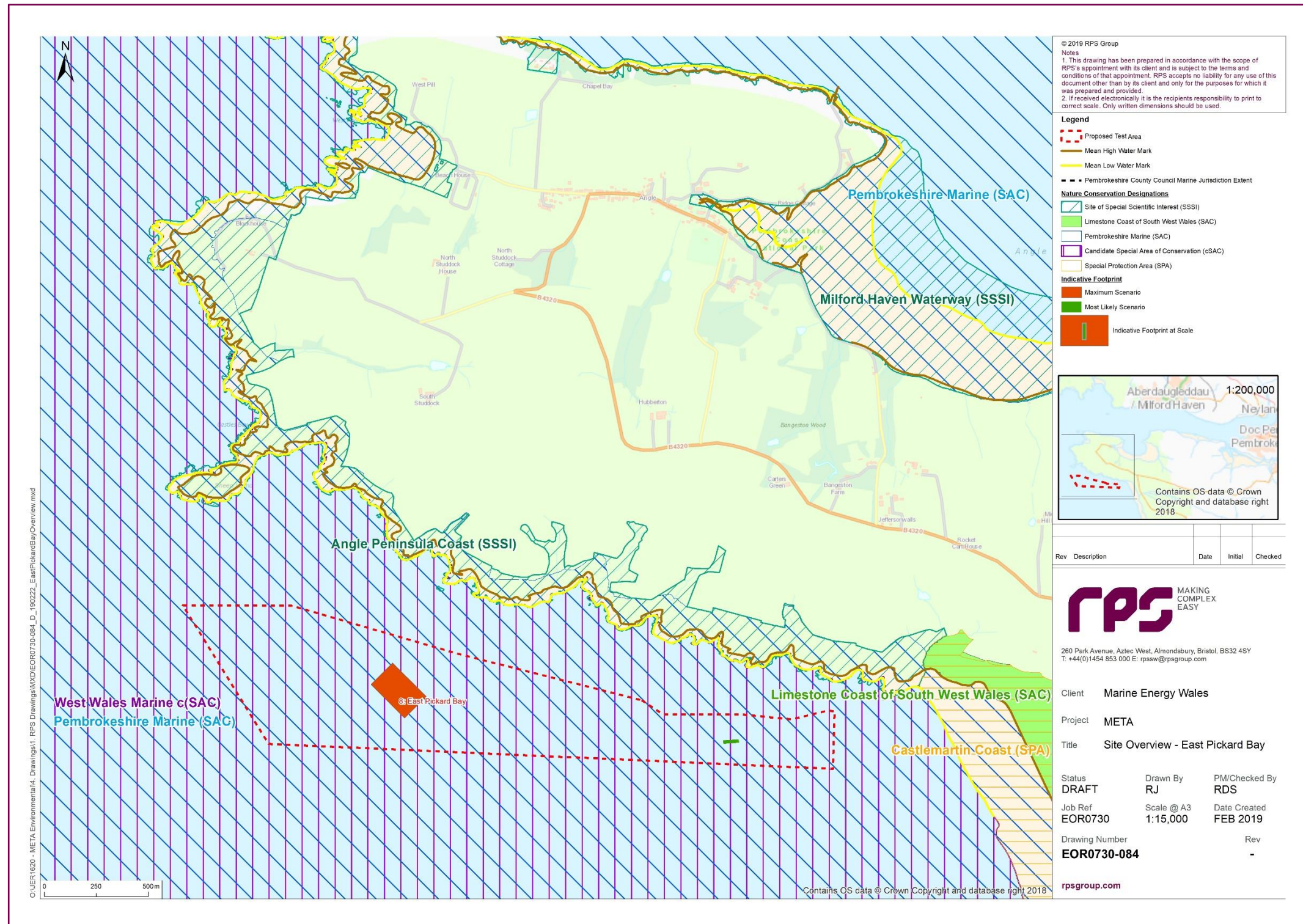


Figure 1.4: East Pickard Bay (site 8) overview and designations.

1.4.2 Consents and Licences

1.4.2.1 The META project will be subject to the licences and consents shown in Table 1.1 below. Table 1.1 will be completed post-consent and is provided here for illustrative purposes.

Table 1.1: META project consents and licences.

Licence	Legislation	Provider	Date	Licence No.
Marine Licence (ML)	Marine and Coastal Access Act 2009	Natural Resources Wales	To be inserted upon issue of consent	To be inserted upon issue of consent
Marine Works Licence (MWL)	Milford Haven Conservancy Act 1983	Milford Haven Port Authority	To be inserted upon issue of consent	To be inserted upon issue of consent
Planning Permission	Town and Country Planning Act 1990	Pembrokeshire County Council	To be inserted upon issue of consent	To be inserted upon issue of consent
Crown Estate Lease	Crown Estate Act 1961	The Crown Estate	To be inserted upon issue of consent	To be inserted upon issue of consent
Safety Zone Declaration	The Energy Act 2004	Department of Business, Energy & Industrial Strategy (BEIS)	To be inserted upon issue of consent	To be inserted upon issue of consent

1.4.2.2 In addition, a European Protected Species (EPS) Licence under the Conservation of Habitats and Species Regulations 2017 may be required for certain operations and activities associated with device-specific testing. Any EPS licences required will be applied for on a device-specific basis and will be managed under the device-specific EMPs. This approach to EPS licencing is outlined in chapter 1: Introduction of the Environmental Statement.

1.4.2.3 It is anticipated that the Marine Licence conditions will specify the requirement for the submission and approval of an EMP prior to installation of any device. As noted in section 1.1, this document provides an outline EMP which will be further developed post-consent and submitted in response to the relevant licence condition. There are also likely to be a number of other consent conditions relevant to environmental management. These conditions will be set out in Table 1.2 below, together with reference to where these conditions are addressed within the EMP.

1.4.2.4 All conditions will be managed through the META Consents Register, which will be provided as Annex 1 to this EMP (see ANNEX 1: Consents Register).

Table 1.2: Consent conditions relevant to Environmental Management

Condition No	Condition	Where addressed in this EMP
[CONSENT]		

Condition No	Condition	Where addressed in this EMP
To be completed upon issue of consent	To be completed upon issue of consent	To be completed upon issue of consent
[CONSENT]		
To be completed upon issue of consent	To be completed upon issue of consent	To be completed upon issue of consent



PART 1: MANAGEMENT, IMPLEMENTATION AND COMMUNICATION

2. Roles and Responsibilities
3. Communications and Reporting
4. Training, Auditing and Change Management

2. ROLES AND RESPONSIBILITIES

2.1 Overview

2.1.1.1 This section of the EMP will set out the roles and responsibilities of all relevant META project personnel in relation to the EMP.

2.1.1.2 All MEW personnel, device developers and contractors will have a responsibility to comply with the requirements of the EMP. The key roles relevant to the delivery and implementation of the EMP are:

- MEW Operational Manager;
- Device developers; and
- Contractors and Subcontractors.

2.1.1.3 These roles are outlined in section 2.2 below and will be further described in the post-consent EMP.

2.2 Key Roles

2.2.1 MEW Operational Manager

2.2.1.1 The MEW Operational Manager will have day to day responsibility for ensuring ongoing compliance with the EMP. Key responsibilities in relation to the EMP include the following:

- Communicating the requirements of the EMP to MEW personnel, device developers and contractors;
- Monitoring implementation of the EMP and ongoing compliance;
- Provision of advice to the MEW personnel, device developers and contractors on compliance with the EMP;
- Reviewing device developers and contractor documentation (including device-specific EMPs, DIOMS and RAMS – see Part 2), to ensure compliance with the EMP;
- Liaising with NRW PS/ Licensing Authority and relevant stakeholders, as required; and
- Ensuring that environmental management issues form part of progress meetings, device-specific testing activities and operations, and site inductions.

2.2.2 Device Developers

2.2.2.1 Device developers will have responsibility for ensuring their own procedures comply with the requirements of the META EMP, reporting to the MEW Operational Manager on all matters relating to the EMP. Key responsibilities in relation to the META EMP include the following:

- Ensuring that sufficient resources and processes are in place to comply with the EMP and to manage the potential environmental impacts of their activities;
- Providing a completed META project Application Form to the MEW Operational Manager;

- Preparing device-specific EMPs and ensuring that these comply with this overarching EMP. Device-specific EMPs will be proportionate to the testing proposed, and will not seek to replicate the META EMP (see ANNEX 6 for device-specific EMP template);
- Preparing DIOMS for installation and operation activities;
- Responsible for implementing the required mitigation measures on behalf of MEW as may be required for their device-testing activities (see Part 2);
- To read, understand and comply with any Licence conditions relevant to their devices;
- Ensuring that all contractors assist and support the MEW Operational Manager where required, for example during on-site monitoring and audits; and
- Maintaining regular dialogue with the MEW Operational Manager and contacting the MEW Operational Manager in the event of any environmental incident or environmental queries.

2.2.3 Contractors and Subcontractors

2.2.3.1 All contractors to MEW/device developers (and their subcontractors) shall ensure that their own procedures comply with the requirements of this EMP and device-specific EMPs and DIOMS. Key responsibilities in relation to the EMP include the following:

- Ensuring that sufficient resources and processes are in place to comply with the EMP, device-specific EMPs and DIOMS and to manage the potential environmental impacts of their activities;
- Preparing RAMS for all activities;
- Responsible for implementing the required mitigation measures on behalf of MEW or device developers;
- To read, understand and comply with any Licence conditions in relation to their activities; and
- Maintaining regular dialogue with the device developer and/or MEW Operational Manager and contacting the MEW Operational Manager in the event of any environmental incident or environmental queries.

2.2.3.2 This EMP will form the minimum standard for all contractors to comply with. Additional mitigation measures may be identified by contractors during review of their own activities and these must be specified in their RAMS.

2.3 Contact Details

2.3.1.1 Contact details will be set out in the device-specific EMPs provided at ANNEX 6.

3. COMMUNICATIONS AND REPORTING

3.1 Internal Communications

3.1.1.1

3.1.1.2 Figure 3.1 illustrates the lines of communication between the different roles described within section 2 with respect to delivery of the META EMP. This will be further defined in the device-specific EMPs.

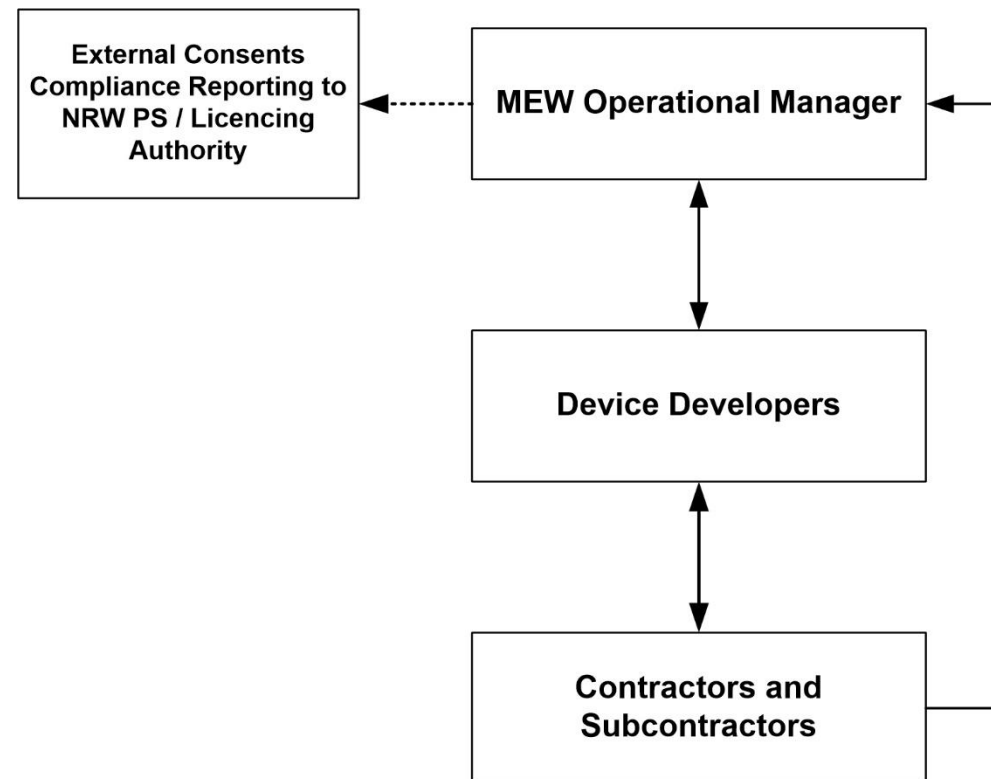


Figure 3.1: Lines of Communication

3.1.1.3 Prior to and during deployment of renewable energy devices regular installation progress meetings will take place, involving the MEW Operational Manager, device developer, and relevant contractors. The agenda for deployment progress meetings will include a section on consents compliance and environmental management, to be presented by the MEW Operational Manager.

3.1.1.4 Device Installation and Operation Method Statements (DIOMS) will be reviewed by the MEW Operational Manager for specific activities. Contractors will be provided with copies of the relevant consents and made aware of the consent obligations associated with a particular activity.

3.1.1.5 All installation personnel and contractors will be encouraged to report any environmental concerns or issues to the MEW Operational Manager immediately. See Section 3.3 below for incident reporting.

3.2 External Communications

3.2.1.1 MEW will carry out external communications, notifications and reporting in relation to META activities, in compliance with the EMMP (see Part 2) and in line with relevant consent conditions. These requirements will be set out in Table 3.1 post-consent.

Table 3.1: External reporting and notification requirements.

Condition/Ref	Reporting Requirement	Reporting Frequency
To be completed post-consent	To be completed post-consent	To be completed post-consent
To be completed post-consent	To be completed post-consent	To be completed post-consent

3.3 Incident Reporting

Environmental Incidents

3.3.1.1 For spill/pollution reporting procedures, refer to the META Marine Pollution Contingency Plan (MPCP) provided in Part 3, ANNEX 2: Marine Pollution Contingency Plan. For other emergency reporting procedures, refer to the META Operational Management Plan (including Emergency Response).

3.3.1.2 The procedure to be followed in the event of an environmental incident (excluding marine pollution incidents) is provided in Part 3, ANNEX 3: Environmental Incident Reporting Procedure (excluding oil spills). This may include any unforeseen impacts.

3.3.1.3 In the event that MEW personnel, device developers and/or contractors identify an environmental incident, they shall notify the MEW Operational Manager as soon as practical via telephone. The MEW Operational Manager will obtain full details of the incident and subsequently prepare an incident report. The MEW Operational Manager will assess if the incident results in a non-compliance event.

3.3.1.4 The MEW Operational Manager shall inform NRW of any incidents of non-compliance, providing the incident report when available, and liaising with NRW on actions to be taken.

3.3.1.5 The MEW Operational Manager and MEW personnel shall work together to review and update procedures to prevent similar incidents from reoccurring.

Dropped Objects

3.3.1.6 All dropped objects must be reported to NRW PS using the Dropped Object Procedure Form in Part 3, ANNEX 4: META Dropped object procedure form as soon as possible.

4. TRAINING, AUDITING AND CHANGE MANAGEMENT

4.1 Competence, Training and Awareness

- 4.1.1.1 MEW will work with device developers and contractors to ensure that appropriate environmental management procedures are in place for individual device deployments. The MEW Operational Manager will review device developer and contractor documentation, including device-specific EMPs, DIOMS and RAMS, to ensure compliance with the META EMP. Device-specific EMPs will be proportionate to the testing proposed, and will not seek to replicate the META EMP (see ANNEX 6 for device-specific EMP template).
- 4.1.1.2 The key tools available to the MEW Operational Manager for delivering training and promoting awareness in relation to environmental management issues are:
- Inductions;
 - Toolbox Talks;
 - Awareness materials; and
 - Training.
- 4.1.1.3 The MEW Operational Manager will ensure that a dedicated section is included within wider contractor project **inductions** to cover environment and consents issues, highlighting the key environmental sensitivities and considerations. All MEW personnel, device developers and contractors will receive a project induction.
- 4.1.1.4 The MEW Operational Manager will also deliver specific training on the purpose, requirements and procedures of the EMP and associated Annexes, through a series of **toolbox talks**. Toolbox talks will be designed to convey key points to device developers and contractors in a clear and concise manner (IEMA, 2008). Toolbox talks may also be scheduled in advance of specific activities (for example, device installation), identifying any specific mitigation requirements.
- 4.1.1.5 In addition to presentations and talks, the MEW Operational Manager will prepare **awareness materials**, for MEW personnel, device developers and contractors. This may include materials such as posters, signs and newsletters.
- 4.1.1.6 **Training** would take place regularly throughout the lifetime of the META project in order that project personnel (including any new personnel) are kept up to date with any changes to requirements or procedures. A record of the training will be maintained by the MEW Operational Manager.

4.2 Monitoring and audits

- 4.2.1.1 A primary monitoring tool available to the MEW Operational Manager will be the META Consents Register (see Part 3, ANNEX 1: Consents Register). The Consents Register will be prepared post-consent and will provide a log of all consents and associated conditions to be adhered to during installation, operation and maintenance, and decommissioning activities. The purpose of the register is to provide a tool intended for use by the MEW Operational Manager to track compliance with consent requirements and to provide a record and audit trail of compliance across the project lifetime. The MEW Operational Manager will maintain the Consents Register throughout the lifetime of the project, recording the status of each item, with reference/links to corresponding evidence.
- 4.2.1.2 Compliance with the EMP will be monitored through a series of **audits** carried out by the MEW Operational Manager for each device deployment. This will include a scheduled audit following the delivery of a toolbox talk, to ensure that the requirements and procedures have been understood. This may involve site visits and conversations with project personnel to monitor awareness. The MEW Operational Manager will develop specific checklists, informed by review of this EMP and from the device-specific EMPs, DIOMS and RAMS, to facilitate the audit process.
- 4.2.1.3 Details and findings of all monitoring and audit activities will be recorded. Any observations or corrective actions arising from audits and inspections will be addressed, with procedures updated in the EMP as required.

4.3 Review and change management

- 4.3.1.1 This EMP will be regularly reviewed by MEW over the lifetime of the META project. MEW will update the EMP on at least an annual basis or when any significant new information, methods, procedures or good practice becomes available. The EMP will also be updated in response to any findings or lessons learned during the installation, operational and maintenance, and decommissioning phases of device-deployments at the META project.
- 4.3.1.2 The change management procedure is presented in Part 3, ANNEX 5: Change management procedure (environmental). This procedure will be followed by the MEW Operational Manager in the event of a new environmental sensitivity being identified (e.g. which may be highlighted by monitoring surveys or in the event of a new environmentally designated area being proposed). Such a procedure is recommended in the IEMA Practitioner Guide (IEMA, 2008). Following notification of a change, the MEW Operational Manager will initiate a process of assessment of potential impacts and, if necessary, update the EMP. The MEW Operational Manager will maintain a record of changes of the review process. The updated EMP will be submitted to relevant regulatory bodies for approval.



PART 2: META ENVIRONMENTAL MITIGATION AND MONITORING PLAN

5. META Environmental Mitigation and Monitoring Plan:

- 5.1 Introduction
- 5.2 Overview of EMMP
- 5.3 Using the EMMP
- 5.4 Other Consents Management Plans

5. META ENVIRONMENTAL MITIGATION AND MONITORING PLAN

5.1 Introduction

- 5.1.1.1 This section of the EMP translates the mitigation and monitoring measures identified within the META project Environmental Statement (ES) into a format which can be developed into practical implementation by device-developers and contractors during the installation and operation and maintenance phases of the META project. This is in accordance with the IEMA Practitioner Guide, which states that “the overall objective of an EMP is to provide a continuous link or ‘bridge’ between the design phase of a project, conditions attached to consents, project construction, and into the operational phase” (IEMA, 2008, p.2).
- 5.1.1.2 The mitigation and monitoring measures have been captured within the META Environmental Mitigation and Monitoring Plan (EMMP). It is intended that the EMMP will provide high level guidance to device developers and contractors when preparing their own device-specific EMPs, DIOMS and RAMS.
- 5.1.1.3 IntroductionThe following sections provide an introduction to the EMMP, and how it should be used by device developers and contractors.

5.2 Overview of EMMP

- 5.2.1.1 The META project EMMP provides an outline of the post-consent approach to survey, mitigation and monitoring at the META project sites, and should be used to understand environmental considerations during installation, operation and maintenance and decommissioning activities.
- 5.2.1.2 Section 2 of the EMMP details mitigation, survey and monitoring on a site-specific basis. This section should be referred to for environmental considerations in advance of installation, operation and maintenance and decommissioning activities at Warrior Way (site 6), Dale Roads (site 7) and East Pickard Bay (site 8).
- 5.2.1.3 Section 3 of the EMMP provides information on the management of the EMMP.
- 5.2.1.4 Sections 4 to 9 provide summaries of likely impacts, baseline information, mitigation, monitoring and survey for environmental receptor groups, namely, marine ornithology, marine mammals, fish and shellfish, benthic subtidal and intertidal ecology, marine archaeology and coastal processes. This section should be used to identify environmental considerations during installation, operation and maintenance and decommissioning activities at all META project sites, and to feed into the development of device-specific EMPs, DIOMS and RAMS.

5.3 Using the EMMP

- 5.3.1.1 The EMMP will provide high level guidance to device developers and contractors when preparing their own device-specific EMPs, DIOMS and RAMS. These documents are further described below. In addition, device developers will be expected to provide a completed META project testing Application Form.
- 5.3.2 **Device Specific EMPs**
- 5.3.2.1 Each device developer will be required to comply with this EMP, ensuring that all activities and device parameters are within the limits set out in the META Environmental Statement (chapter 2: Project Description). In order to achieve this, device developers will be required to submit a device-specific EMP which will include:
- General Overview of their proposed testing including aims and objectives;
 - Roles and Responsibility relevant to delivery of device-specific EMP;
 - Communication and Report for device-specific EMP;
 - Device-specific mitigation, survey and monitoring;
 - Seabed habitat risk assessment; and
 - Environmental risk assessment.
- 5.3.2.2 A device-specific EMP template is provided in Part 3, ANNEX 6: Device-specific EMP Proforma. This will ensure that the information provided is consistent for each device deployment and will enable efficient review and cross-checking against the META EMP and EMMP.
- 5.3.3 **Device Installation Operation and Method Statements (DIOMS)**
- 5.3.3.1 Device developers will prepare a Device Installation and Operation Method Statement (DIOMS) for each device deployment. These will include detailed methodologies for device installation and device operation programme of works, including number and frequency of vessel movements, types of vessels to be utilised, duration of works and equipment to be utilised. The following will be detailed in the DIOMS:
- Engineering assessment and general arrangement drawing;
 - Independent validation of the mooring design;
 - Quality, Health, Safety and Environment (QHSE) management plan;
 - Project execution plan;
 - Device-specific decommissioning plan;
 - Emergency response plan;
 - Insurances; and
 - Security bonds.

5.3.4 Risk and Method Statements (RAMS)

- 5.3.4.1 Contractors will be required to prepare Risk And Method Statements (RAMS) for all activities. Each RAM will detail the procedures to be followed to complete specific work activities and will include an assessment of risk in carrying out each activity, factors that need to be considered in completing the activity, and the process to follow in the event of an incident of emergency, including lines of communication and responsibilities.

5.4 Other Consents Management Plans

- 5.4.1.1 Specific consents management plans will be prepared post-consent, in line with relevant consent conditions. These plans are provided in Part 3 and are likely to include: ANNEX 2: Marine Pollution Contingency Plan; ANNEX 7: Waste Management Measures; and ANNEX 8: Invasive Non-Native species Management Plan. Each plan will be prepared with reference to the project ES and EMMP and will be managed within the overarching EMP framework.



PART 3: ANNEXES

ANNEX 1: Consents Register

ANNEX 2: Marine Pollution Contingency Plan

ANNEX 3: Environmental Incident Reporting Procedure (excluding oil spills)

ANNEX 4: META Dropped object procedure form

ANNEX 5: Change management procedure (environmental)

ANNEX 6: Device-specific EMP Proforma

ANNEX 7: Waste Management Measures

ANNEX 8: Invasive Non-Native species Management Plan



ANNEX 1: CONSENTS REGISTER

To be prepared post-consent.



ANNEX 2: MARINE POLLUTION CONTINGENCY PLAN

This will be provided post-consent in line with the relevant consent conditions.



ANNEX 3: ENVIRONMENTAL INCIDENT REPORTING PROCEDURE (EXCLUDING OIL SPILLS)

This will be provided post-consent.



ANNEX 4: META DROPPED OBJECT PROCEDURE FORM

This will be provided post-consent.



ANNEX 5: CHANGE MANAGEMENT PROCEDURE (ENVIRONMENTAL)

This will be provided post-consent.

ANNEX 6: DEVICE-SPECIFIC EMP PROFORMA

[Device developers to complete the following sections and send to the MEW Operational Manager].

Document Control

Revision	Prepared	Reviewed	Approval
[TBC]	[Device-developer]	[MEW Operational Manager]	[TBC: NRW, MHPA (& PCC for Warrior Way)]

Introduction

This document forms an Annex to the overarching META EMP. The META EMP forms the minimum standard for all device developers to comply with. Developers must take account of the requirements contained within the META EMP when developing this device-specific EMP. A device-specific EMP is required for each device deployment, detailing how the proposals will comply with the requirements set out in the META EMP and the META Environmental Mitigation and Monitoring Plan (EMMP).

General Overview of Proposed Testing

Information required	Details									
Site	[Warrior Way / Dale Roads / East Pickard Bay]									
Type of device	[e.g. wave / tidal energy device]									
Proposed location (coordinates)										
Installation dates and duration										
Deployment dates and duration										
Proposed parameters	<table border="1"> <thead> <tr> <th>Proposed</th> <th>Consented</th> <th>Source</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td>Chapter 2, Project Description</td> </tr> <tr> <td></td> <td></td> <td>Chapter 2, Project Description</td> </tr> </tbody> </table>	Proposed	Consented	Source			Chapter 2, Project Description			Chapter 2, Project Description
Proposed	Consented	Source								
		Chapter 2, Project Description								
		Chapter 2, Project Description								

Roles and Responsibilities

The key roles relevant to the delivery and implementation of this device-specific EMP are described within the META EMP. Contact details are provided in Table A6-1 below.

Table A6-1: Contact details.

Name	Role	Company	Contact details
[TBC]	MEW Operational Manager	MEW	[TBC]
[TBC]	Device Developer	[TBC]	[TBC]
[TBC]	Contractor	[TBC]	[TBC]

Communications and Reporting

Figure A6-1 illustrates the lines of communication between the different roles for this device-specific EMP.

[Insert Device-specific Communications Figure]

Figure A6-1: Lines of Communication.

Device Specific Mitigation and Monitoring

This section translates the mitigation and monitoring measures identified within the META project Environmental Statement (ES) into a format which can be developed into practical implementation by device-developers. The mitigation and monitoring measures have been captured within the META EMMP. Mitigation and monitoring commitments relevant to the specific device are presented here.

[Please refer to the EMMP (see Part 2 of the META EMP) to identify mitigation and monitoring obligations relevant to the specific device].

Receptor	Mitigation/ Survey / Monitoring	Description	Mechanism for Implementation
[TBC]	[TBC]	[TBC]	[TBC]
[TBC]	[TBC]	[TBC]	[TBC]
[TBC]	[TBC]	[TBC]	[TBC]

Seabed habitat risk assessment

Please complete the seabed habitat risk assessment [Template be provided post-consent], taking into account the mitigation and monitoring measures identified above.

Environmental risk assessment

Please complete the environmental risk assessment [Template be provided post-consent], taking into account the mitigation and monitoring measures identified above.



ANNEX 7: WASTE MANAGEMENT MEASURES

This will be provided post-consent.



ANNEX 8: INVASIVE NON-NATIVE SPECIES MANAGEMENT PLAN

This will be provided post-consent.



REFERENCES

Institute of Environmental Management and Assessment (IEMA) (2008) Environmental Management Plans, Best Practice Series, Volume 12, December 2008.