International Paint Limited

Remediation Update

The Former International Paint Limited Newton Ferrers Site Foreshore

7 October 2025
Newton & Noss Village Hall

Agenda

Introductions

Meeting Objectives

Remediation Overview

Remediation Programme & Methodology

Open Discussion

International Paint Limited

Introductions

Core Project Team

International Paint Limited

- **Role**
  - Responsible for overall remediation, employs consultants and contractors
- **Representatives**
  - Ralph Slikkerveer | *R&D Director*
  - Wilfred van Noord | *Environmental Specialist*
  - Simon Colvan | *Head of Communications*

Geosyntec Consultants

- **Role**
  - Retained by International Paint Limited as Principal Contractor, remediation design and oversight
- **Representatives**
  - Andrew Morgan | *Project Director*
  - Rebecca Solinger | *Project Manager*

TMS

- **Role**
  - Specialist dredging contractor, remediation methodology and execution
- **Representatives**
  - Ben Beattie | *Project Manager*

Invited Stakeholders

Project Team

- International Paint Limited
- Geosyntec Consultants
- TMS

Regulatory

- Marine Management Organisation (MMO)

Community

- Newton & Noss Parish Council
- River Yealm Harbour Authority
- River Yealm District Association
- Yealm Estuary To Moor
- Akkeron Group
- Local residents

Meeting Objectives

1. Provide an overview of the remediation

2. Present the remediation methodology and programme

3. Discuss stakeholder questions

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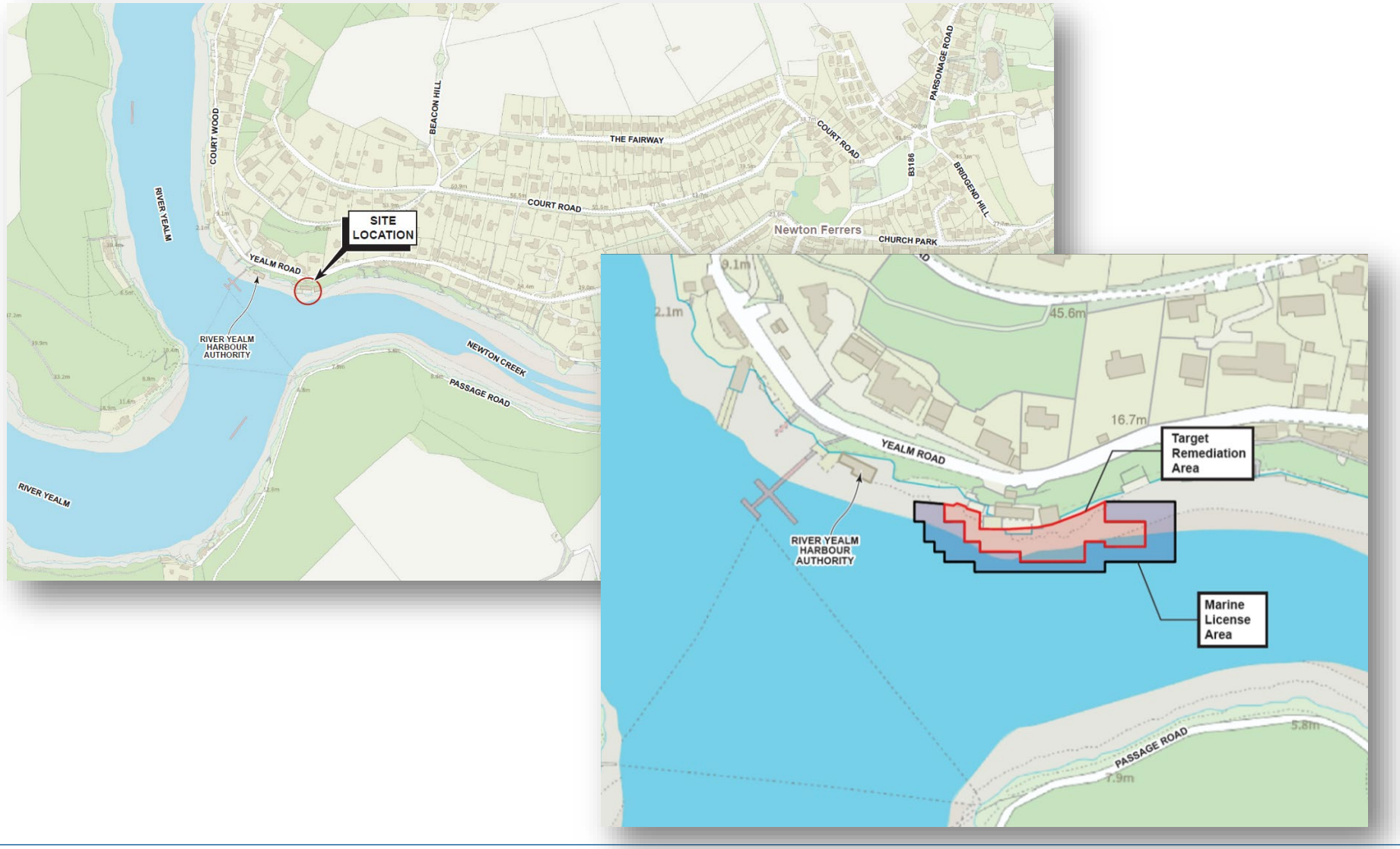
Remediation Overview

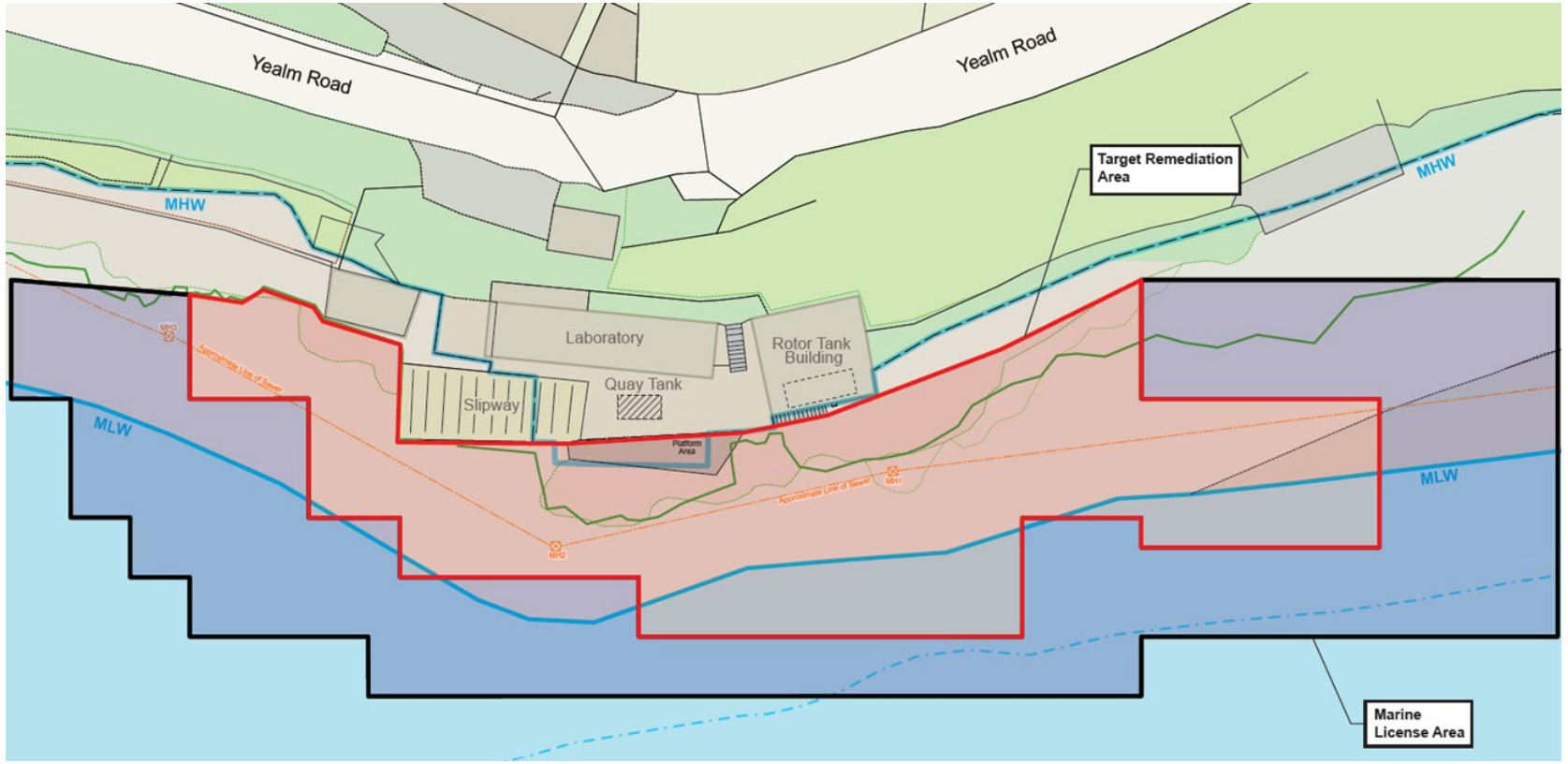
Project Introduction



- Former International Paint Limited site in Newton Ferrers
- Historically used to test antifouling paints
- Foreshore sediment near the site is impacted with antifouling paint compounds, including tributyltin (TBT) and metals
- Sediment with TBT concentrations greater than 1 mg/kg will be removed under a marine license issued by the Marine Management Organisation (MMO)

Marine License Requirements

Target Remediation Area



Target remediation area (red outline):

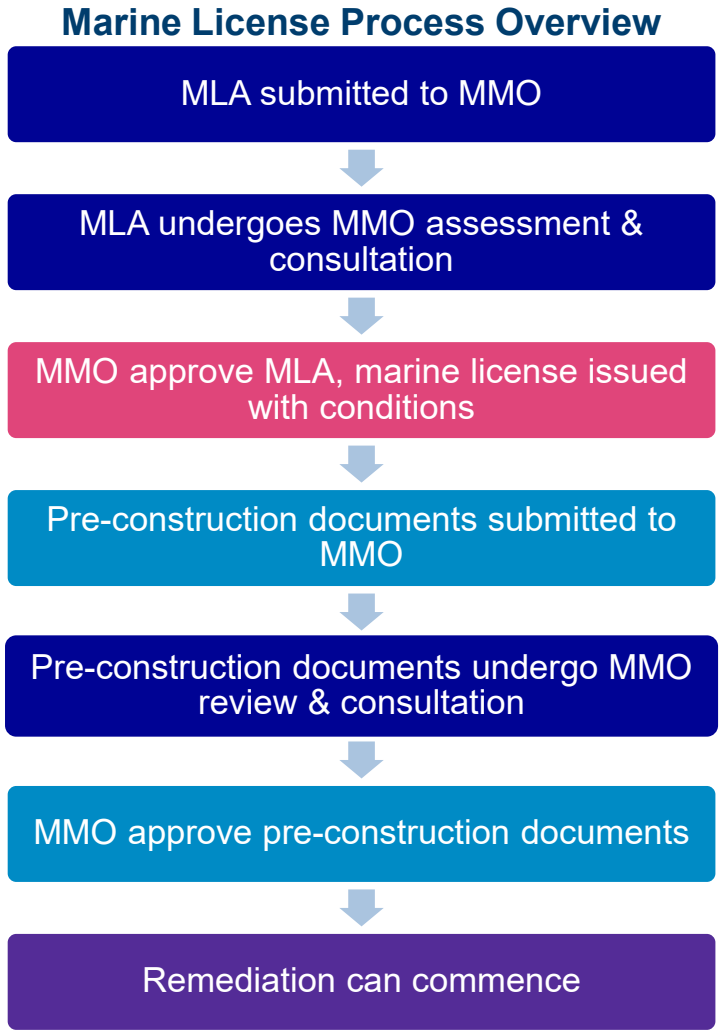
- 300m^3 of sediment, 1500m^2 footprint, up to 0.2m deep
- ~2kg of TBT

Marine license area (black outline):

- 1200m^3 of sediment, 3400m^2, up to 0.4m deep

Project Update

- In October 2023, International Paint Limited submitted a marine license application (MLA) for voluntary remediation
- In April 2025, after assessment and consultation with various stakeholders, MMO granted the marine license
- The marine license outlines project specific conditions for:
  - Where, when, and how the remediation can be performed
  - Pre-construction documentation regarding environmental management and monitoring → including additional technical consultation stage.
  - Parties to be notified prior to and after completing the remediation
- Remediation is tentatively planned to start November 2025
- Remediation cannot start until the pre-construction documents are approved



Marine License Requirements

Notifications

As required by the marine license, the following parties will be notified prior to commencing the works:

- MMO
- Local mariners and fishermen's organisations
- UK Hydrographic Office
- The Angling Trust
- HM Coastguard
- The public
- Newton and Noss Parish Council

Marine License Requirements

Work Period Restrictions

To control contaminated material, sediment will be removed around low tide when the foreshore is exposed and will:

- Commence at least 1 hour after high tide
- Be conducted on the ebb phase of the tide, working down the shoreline as the tide recedes
- Work around lower tide for a maximum of 6 hours over 2 tidal cycles per shift
- Cease 5 meters ahead of the incoming flood tide

Marine License Requirements

Surveying & Monitoring

Surveying and monitoring will be conducted to assess the environmental impacts of remediation:

Benthic Ecology Survey	Bathymetry Survey	Sediment Sampling	Water Sampling
• To assess the impact of remediation on species and habitats present	• To estimate the backfilling time and volume of disturbed sediment	• To verify contaminated sediment has been removed	• To assess short term impacts of remediation on water quality

Marine License Requirements

Adaptive Management/Mitigation

An adaptive management/mitigation plan is in place if surveying & monitoring results indicate:

- Changes to baseline benthic ecology
- Changes to baseline sediment contamination distribution
- Adverse effects on water quality during remediation
- Remedial objectives are not achieved post remediation

Appropriate next steps will be discussed and agreed with MMO if the above conditions are encountered

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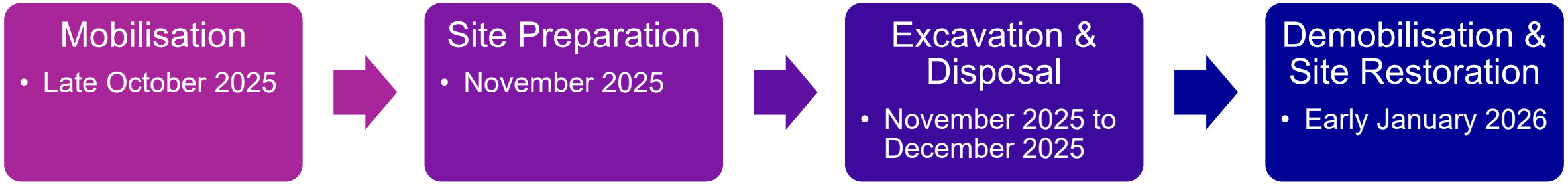
Remediation Methodology & Programme

Remediation Methodology

Programme Overview



- Remediation will be conducted outside peak season for estuary leisure/tourism
- **Typical working week: Monday to Friday**
  - Weekend work may be conducted, depending on weather conditions and progress
- **Typical working day: 7am-5pm (tide dependent)**
  - Excavation activities conducted within a typical working day will depend on tide times and the marine license constraints

Remediation Methodology

Mobilisation

- A project compound will be established at Victoria Wharf in Plymouth Harbour
- Barges will be mobilised from Victoria Wharf
  - Hopper barge to transport excavated material
  - Flat top spud-leg barge to position excavator
- An excavator will be positioned on the hopper barge at Cattewater Slipway
- The barges and excavator will be towed to Newton Ferrers
- A welfare unit and tool store will be parked on Yealm Road near Harbour Master's office

Remediation Methodology

Site Preparation

- The marine license area will be marked out and cordoned off
- Signage with project points of contact will be posted

- The sewer line will be marked out to protect the utility
- Large boulders and cobbles will be manually scraped clean, removed from the target remediation area and set aside within the buffer area

Remediation Methodology

Excavation & Disposal

- Manual excavation (scrapers, trowels)
  - Sewer line
  - Rockhead
- Mechanical excavation (excavator)
  - Foreshore
- Transport & disposal
  - Material will be loaded into the hopper barge via excavator
  - The hopper barge will be covered to secure the material and towed to Victoria Wharf
  - The excavated material will be transferred from the barge to a haulage truck for landfill disposal

Remediation Methodology

Demobilisation & Site Restoration

- Large boulders and cobbles will be replaced within the remediation area
- The barges and excavator will be towed back to Victoria Wharf & Cattewater Slipway
- Remaining plant and equipment will be removed from the Victoria Wharf and Newton Ferrers sites

Mitigating Community Impact

Site Access

- Barriers & warning signs will be positioned at common foreshore access points
- The work area will be demarcated

Vehicle Traffic

- Hazardous materials will not be hauled via Yealm Road
- Project team parking will be coordinated with the Harbour Master
- Welfare unit & tool store will be parked on Yealm Road near the Harbour Master's office

Estuary Use

- Works specifically planned outside of peak season
- A workboat will be moored overnight on Harbour Authority's pontoons
- Barges to be moored on-site or at the floating pontoon overnight & weekends

Estuary Management

- The Harbour Master will be informed of all works, including methodologies & programme
- Approximately 10 people on-site, including operatives & crew

Noise

- Haulage trucks will not be present on Yealm Road
- Noise will be reduced to the extent practical when working on the foreshore

Visual Impact

- Haulage trucks will not be present on Yealm Road
- The work area is screened from nearby residences by existing vegetation & structures

Housekeeping

- Work areas will be kept tidy & free from rubbish
- Machinery and equipment will not be left on the foreshore overnight

Marine Pollution

- The excavator will be tracked on matting when on the foreshore
- hand dig near sewer
- A banksmen will observe the excavator to mitigate potential fuel spillage
- The hopper barge will be partially filled & covered during transport

Open Discussion

Thank-you for your time and attention

Open Discussion

If you have any additional questions, please email:

Newton.Ferrers@akzonobel.com