Licence Application for East Tip, Haulbowline Island

Project Update 24/02/2012



Presentation Outline

- 1. Project Overview (Milestones)
- 2. Repair of Sea Breach
- 3. Visit of EC Delegation
- 4. Update on Phases I III
- 5. Update on Phases IV & V
- 6. Project Timelines
- 7. Project Expenditure

1. Project Overview (Milestones)

- 28th October Meeting of Technical Working Group, County Hall.
- 2nd November Information dissemination seminar in Naval Dockyard.
- 9th November Deadline for framework Pre-Qualification Questionnaires.
- 11th November Report under Article 2(3) of EIA Directive finalised.
- 21st November Repair works to sea breaches (2 no.) completed.
- 23rd November EU delegation and NGOs visit site.
- 25th November An Taoiseach visits site.
- 12th December Deadline for submission of framework tenders.

1. Project Overview (Milestones) contd.

- 19th December Minister Coveney interviewed by RTÉ on East Tip. Interview aired 3rd January 2012.
- 19th December Cork County Council factual report finalised (29 no. reports reviewed).
- 20th December Geophysical Survey Report finalised.
- 21st December Successful and unsuccessful applicants to framework notified (10th January 2012 – end of standstill period).
 - 17th January SKM appointed as the single-operator under the framework agreement.
 - 24th January Arup, Mott MacDonald, RPS, Verdé and WYG appointed as operators under the Lot 2 framework agreement.
- 7th February contract signed with WYG EPT to undertake dQRA.





Haulbowline East Tip - Sea Breach Environmental Report



Cork County Council

Haulbowline Island, East Tip Sea Breach, Emergency Backfilling Works.

Environmental Report

WYG Environmental and Planning (Ireland) Ltd

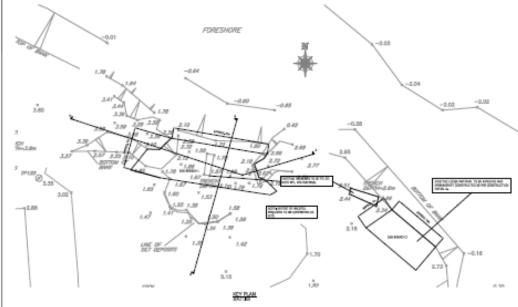
10/11/2011

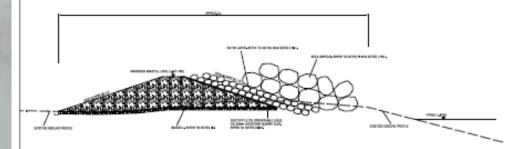
WYG Ireland part of the WYG Group creative minds safe hands

Conclusions

The proposed sea breach emergency works will break the linkage between the sea water and the excavations on the East tip and eliminate any potential of contamination to the local environment occurring due to this linkage.

In terms of the work being an 'exceptional case' under Article 2(3) the failure to progress these works is likely to present the risk of contamination of surface water though periodic flooding of the East Tip during high tide and/or storm events.





DETAIL & TYPICAL REVETMENT SECTION

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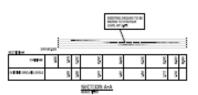
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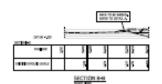


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DETAIL 5: BLOW UP OF GEOTEXTLE & MEMBRANE DETAILS



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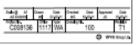
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RECOUNTY COUNCE



10.04 HILLISON DE EAST TP REPAIR OF SEA BREACH AREA.

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No subsequent flooding Cost = €36,900

Aerial Photography courtesy of SkyTec Ireland

3. Visit of EC Delegation

- 1. 23rd November 2011 progress inspection by EC Delegation (Jean-François Brakeland, Head of Unit, DG Environment and Antoinette Long)
- 2. Visit hosted by Cork County Council and facilitated by the
- 3. Also present were Mary O'Leary (CHASE) and Tony Lowes (FOIE)
- 4. Presentation followed by site walkover and inspection of repair works
- 5. DoEHLG update

as presented on 19/08/2011

- Review all historical reports pertaining to the site and collate all relevant data
- Prepare CSM
- Initiate contact with EPA
- Formulate potential design solutions
- Scope site investigations and structure of licence application
- Project planning (i.e. Gantt Chart)
- Identify external consultancy services and contractors required
- Prepare tender documents

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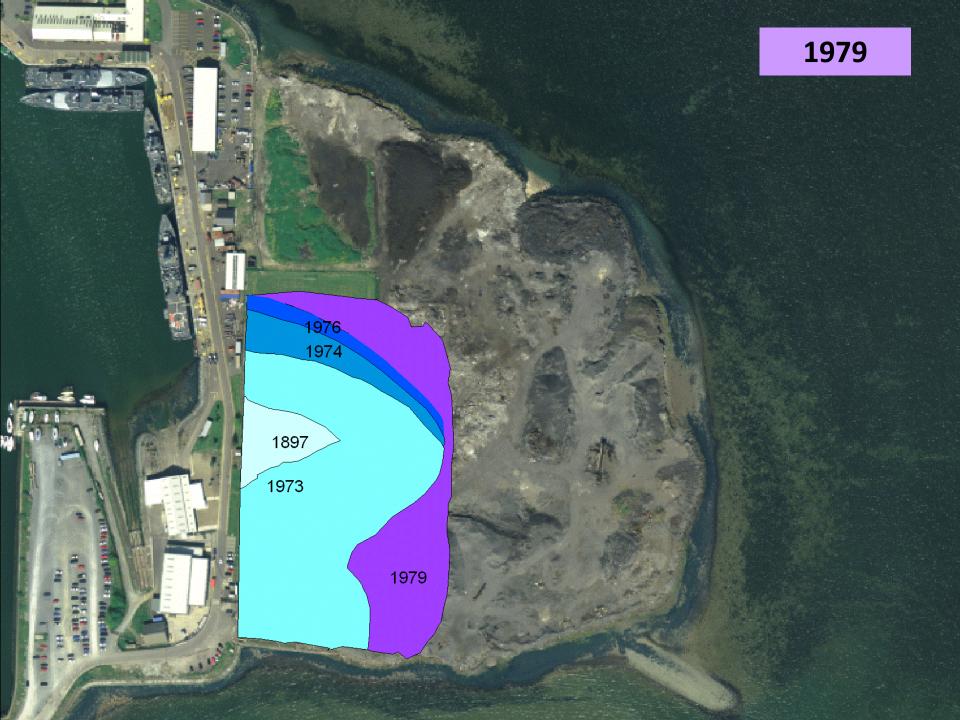
- Review all historical reports pertaining to the site and collate all relevant data
 - Factual Report 2 Volumes
 - a consolidated report of the investigations and studies that have been carried out to date on the East Tip (29 no.).
 - a factual report and any observations or conclusions contained there-in do not represent the opinion of Cork County Council but are those of the authors of the respective primary source documents.
 - peer reviewed.
 - Geographical Information System (GIS)
 - graphical representation

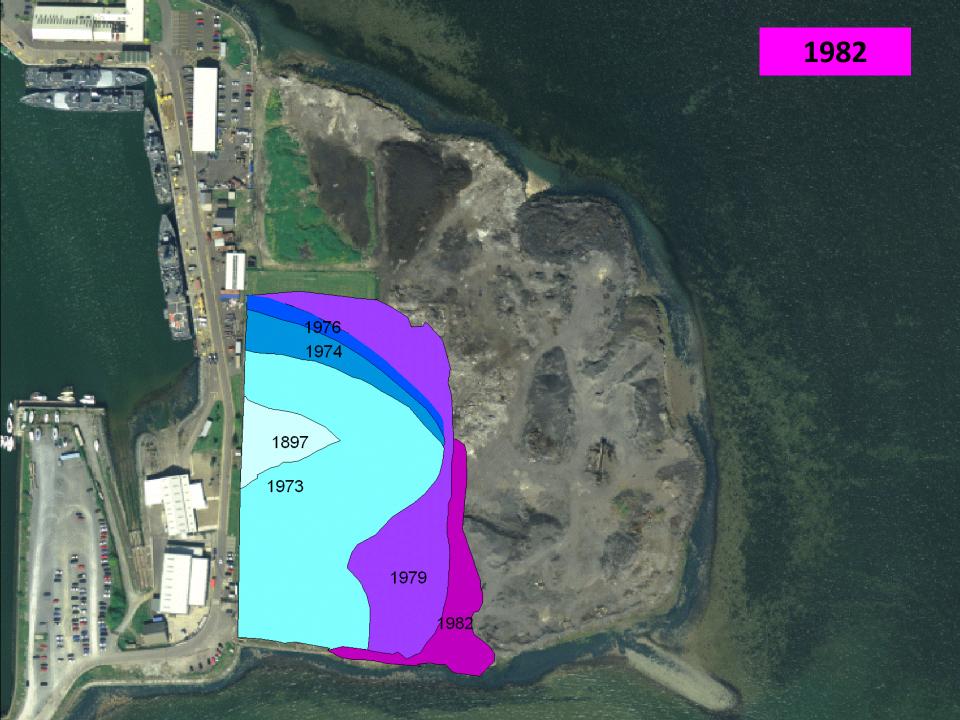


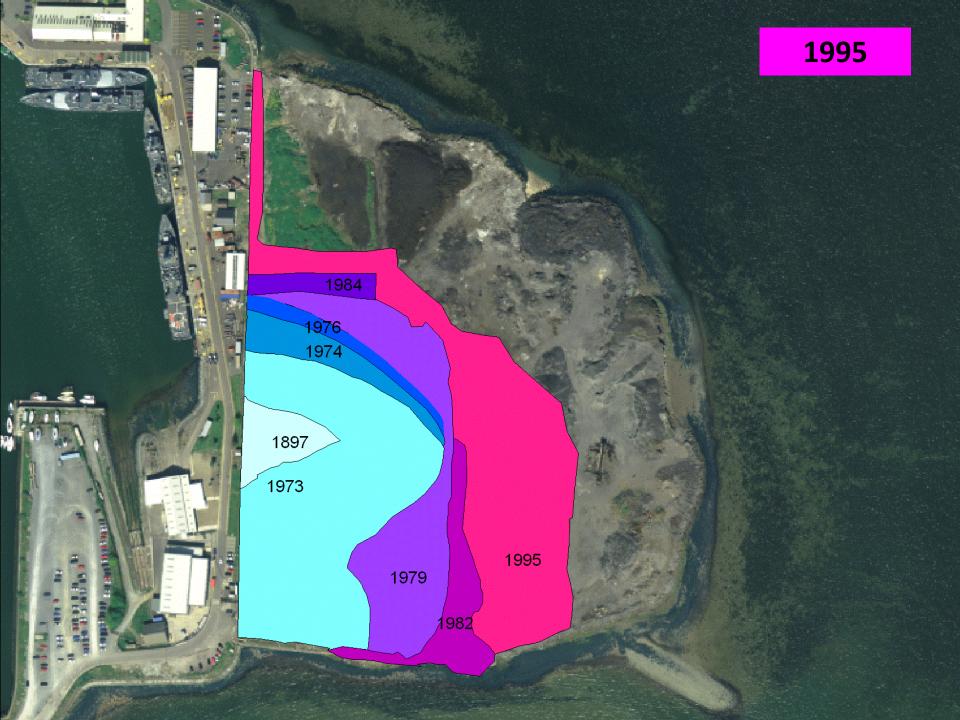


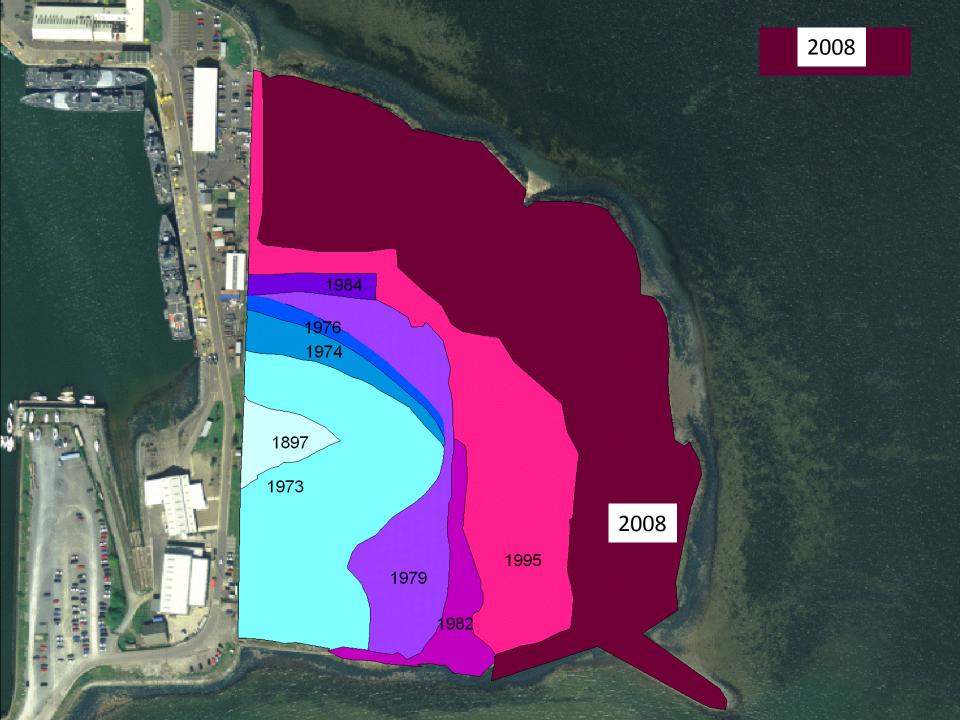














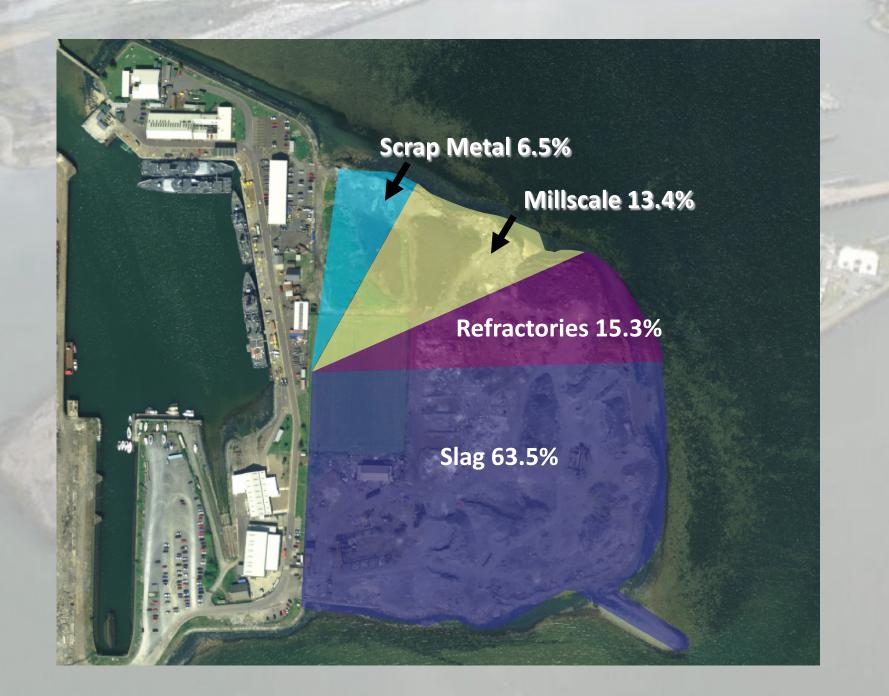
Refractories 15.3%

Slag 63.5%



Refractories 15.3%

Slag 63.5%



Top Soil.01% Refuse Waste .05% C & D .05% Furnace/Flu .05% Sludge .99%

Scrap Metal 6.5%

Millscale 13.4%

Refractories 15.3%

Slag 63.5%

as presented on 19/08/2011

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- Project planning (: _. Gantt Chart)
- Identify external consultancy services and contractors required
- Prepare tender documents

as presented on 19/08/2011

Phase II: Pre-Application Consultation with the EPA

- Determine, based on historical data, what licence is envisaged i.e. hazardous or non-hazardous On-going
- Obtain approval, in principle, to proposed site investigation programme N/A
- Seek input/guidance from Agency regarding any shortcomings/anomalies/weaknesses identified in proposed methodology On-going
- Refine methodology Complete
- Schedule site works Provisional
- Tender advertisement(s) Complete

as presented on 19/08/2011

Phase III: Non-Intrusive Site Investigations

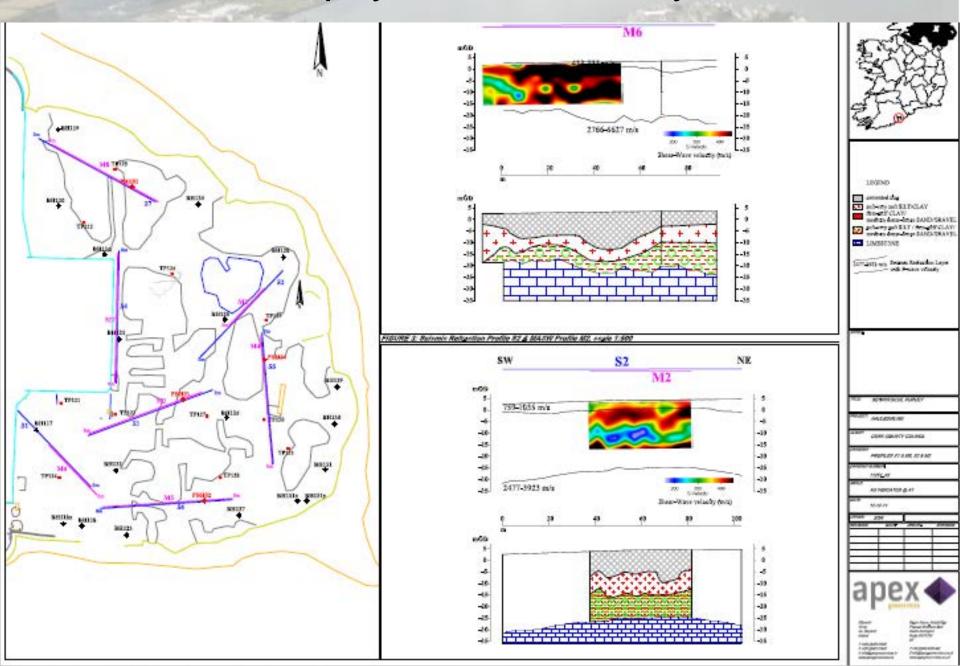
- Comprehensive site survey (contour map)
- Geophysical site survey
- Refine intrusive investigation programme

as presented on 19/08/2011

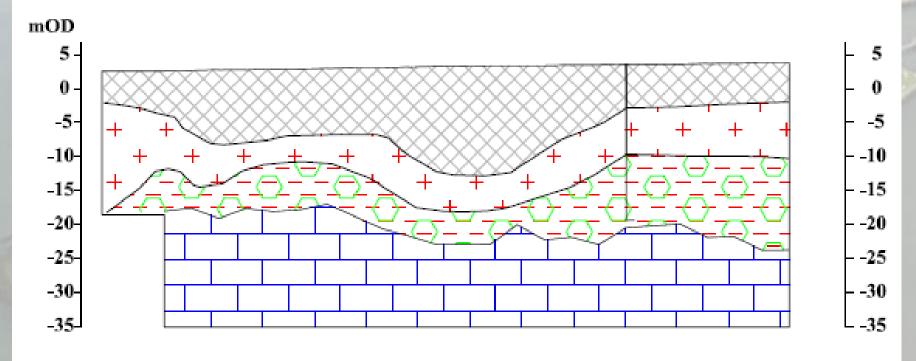
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- Comprehensive site survey (contour map)
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 - Refine intrusive investigation programme

Geophysical site survey



Geophysical site survey



as presented on 19/08/2011

Phase III: Non-Intrusive Site Interviewations

- Comprehensive site strve, (contour map)
- Geophysich sile sulvey
- Refine intrusive investigation programme

5. Update on Phases IV & V

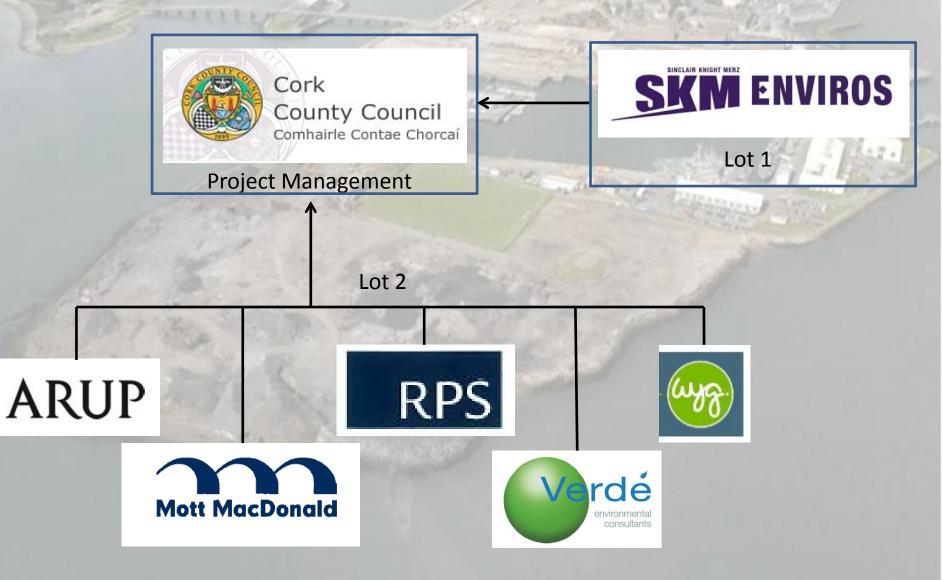
Phase IV: Intrusive Site Investigations

- Drilling, permeability assessment and geotechnical assessment i.e. to inform both EIS and design solution.
- Waste sampling
- Second phase of site survey

Phase V: Data Collation, QRA and EIS

- Collate data from site investigations
- Identify/select and develop proposed design solution and formulate
- Develop computer model(s) and prepare QRA
- Prepare EIS N/A

5. Update on Phases IV & V



6. Project Timelines

	Project Stage			Key Element		Month 5												Ъ.				
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7. Project Expenditure

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Estimate (19/08/2011) Actual €138,000 c.€175,000 (incl. €36,900 for repair works)

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