

Dredging in the Territorial Sea and Controlled Waters Adjacent to Northern Ireland

Marine Licensing

Important: before completing this form, please read these notes carefully.

The following numbered paragraphs correspond to the questions on the application form and are intended to assist applicants in completing the form. These explanatory notes are specific to this application and so applicants are advised to read these in conjunction with the General Marine Licensing Guidance document. However it may be that these notes do not fully cover all the questions that you may have. If further clarification is needed please telephone us on

028 90569247 or email

MarineLicensingTeam@daera-ni.gov.uk

For fees categories please see Marine Licensing Fees Addendum

For further Guidance please refer to Marine Licensing Guidance for Applicants

EXPLANATORY NOTES

1. Project Title

Enter the name and/or co-ordinates of the proposed dredging site, Please state co-ordinates in degrees and minutes to one decimal point of a minute, or Irish Grid Reference System (IGR) any distances at sea should be in nautical miles, and on land should be in miles. An admiralty chart may be provided with annotations.

2. Applicant

The person, company or organisation making the application. (The licensee will be the contractor actually carrying out the dredging activity).

3. Agent

Any person, company or organisation involved in the operations. For example, they may be engaged to act under contract or other agreement on behalf of any party listed in the answer to questions 2-4 and having responsibility for the control, or management of the dredging anywhere below the tidal limit of mean high water springs (MHWS). (e.g. a consultant submitting the application.)

4. Details of Current/Previous Licence

Enter the appropriate details for any current dredging licence. If you have previously held a licence in respect of this operation, but no current licence exists, please provide the details for the most recently expired licence. If you have no knowledge of any previous licence, please enter "not applicable" (or "N/A").

5. Duration of Dredging Operation

Details of the proposed commencement and completion dates of the operation should be included. A licence will normally be valid for 12 months.

6. Details of Disposal Operation

If the dredged material in this application is to be disposed of at sea, a Marine Sea Disposal licence will be required. Please indicate if a sea disposal licence has been applied for, and the associated licence application number if available.

7. Method Statement

Please include a full method statement of the dredging operation. This should include details of proposed timings of dredging operations, full bathymetric information (existing and proposed dredge levels), method of dredging (i.e. backhoe, grab, floating plant, causeway). Also information on how the material will be removed from the dredge site will need to be included in the application.

8. Description of proposed dredged material.

The applicant should indicate the following:

- Amount of material to be dredged in metric tonnes. A conversion factor of 1.4 tonnes/m³ should be used for maintenance dredging and 1.6 tonnes/m³ for capital dredging.
- Type of Material: whether the material is considered to be 'capital' or 'maintenance'
 - Capital: material from an area to be dredged down to a level not previously dredged during the preceding 10 years.
 - Maintenance: unconsolidated material which has been removed to maintain existing charted depths for navigational purposes.
- Nature of Material Please provide a description of where the dredge material has originated, e.g. river bed, sea, harbour, approach channel, estuary.

9. Chemical Analysis of Dredged Material

Please indicate whether material from the localised area has been chemically analysed within the past 3 years. If yes provide details (locations, dates and laboratory that carried out the analysis) please provide results on separate sheets. Please note that any delay in providing analysis results is liable to extend the time required to consider your application.

If the material has not been chemically analysed within the previous 3 years, contact should be made with DAERA Marine and Fisheries Division. Marine and Fisheries Division will provide details of number of samples to be lifted, sample points and depth of samples. Analysis requirements attached as Appendix I.

10. Construction/Land Reclamation Projects

Please indicate in the answer to this question if the dredging operation is to be associated with any other project involving the placement of material in the sea (e.g. beach nourishment, marine/harbour construction operations, land reclamation, installation of outfalls etc.) If this is the case, please indicate if a separate Marine Construction/Land Reclamation/Beach Replenishment licence application has been made.

11. Consultation with Conservation Bodies

Consenting authorities have a duty to ensure that any operations will not have a significant adverse environmental impact, particularly upon designated conservation areas (e.g. Areas of Special Scientific Interest (ASSIs)/Special Area of Conservation (SAC), Special Protection Area (SPA)/RAMSAR sites etc) listed under The Conservation (Natural Habitats, etc.) (Amendment) Regulations (Northern Ireland) 2007. If the applicant (particularly if they have statutory powers for consenting aspects of these works) has already been in consultation with the appropriate nature conservation body – NIEA, Natural Environment Division, please supply any response that they may have given.

12. Designated Conservation Areas

Indicate whether the proposed works are located within or close to the boundaries of a conservation area such as an ASSI, SAC, SPA or Ramsar Site.

13. Statutory Consenting Powers

Please describe in the answer to this question what (if any) statutory responsibilities you (or your client) have to consent any aspect of the sea disposal operations. This is particularly likely to apply to harbour or local authorities.

14. Environmental Assessment

Please indicate whether any environmental assessment has been carried out in respect of the proposed dredging operation, either under your own powers or as required by another authority. If such an assessment has been undertaken, please indicate if a copy has been provided with your application. If the statement/assessment has been completed but is not available, please provide an explanation in the box provided.

Additionally please also give detail regarding if and where a copy has been made/is being made available for public inspection.

Other Considerations

Please ensure that you have:

- Completed **all** appropriate sections of the application form
- Signed and dated the declaration
- Provided the relevant documentation, charts and continuation sheets and

Enclosed the correct payment (refer to fees addendum) or paid by means of BACS (if appropriate)

Otherwise your application will be delayed or returned to you.

Marine and Coastal Access Act 2009 (Part 4 Marine Licensing)

Application to dredge in the Territorial Sea and UK Controlled Waters Adjacent to Northern Ireland

(e.g. Capital or Maintenance Dredging)

It is the responsibility of the applicant to obtain any other consents or authorisations that may be required

Under Part 4 (Chapter 5) of the Marine and Coastal Access Act 2009, information contained within or provided in support of this application will be placed on the public register unless DAERA's Marine and Fisheries Division (as the licensing authority) approves the applicant's reasons for withholding all or part thereof.

Public Register

Is there any information contained within or provided in support of this application that you consider should not be included on the Public Register on the grounds that its disclosure:

2. would be contrary to the interests of national security **Yes** ☐ **No** ☒
3. would prejudice to an unreasonable degree your or some other person's commercial interests or those of a third party? **Yes** ☐ **No** ☒

If **Yes**, to either (a) or (b), please provide full justification as to why all or part of the information you have provided should be withheld.

N/A

1. Project Title

Please give a brief identifiable description, including the location of the proposed dredging works.

NIR Minor Works 2016 – 2020

ELR 004 – Tidal Stream near IKEA 04.329 (116m 0506yds)

Northern Ireland Railways (NIR) requires essential infrastructural maintenance on the Belfast to Bangor line at bridge 04.329 adjacent to Hollywood Exchange Retail Park. Works consist primarily of silt dredging.

The works comprise dredging excess silt deposits from the channel invert beneath the structure.

Site location plan attached at Appendix A.

Drawings detailing the existing bridge and proposed works are included in Appendix B.

The materials dredged from site will not be disposed of in the sea, but removed and taken to landfill.

2. Applicant Details

Title (e.g. Mr/Mrs Miss/Dr)	MR	Initials	A	Surname	STOVE
Trading title (if appropriate)	TRANSLINK				
Address: (Inc Postcode)	PROPERTY & STRUCTURES DEPARTMENT 3 MILEWATER ROAD BELFAST BT3 9BG				
Name of contact: (if different from above)	N/A				
Telephone number: (inc. code)	028 9035 4075				
Email address:	anthony.stove@translink.co.uk				
Company Registration number					

3. Agent Details (if appropriate)

Title (e.g. Mr/Mrs Miss/Dr)	MR	Initials	G	Surname	MCCORMACK
Trading Title (If different from above)	AECOM INFRASTRUCTURE & ENVIRONMENT UK LTD				
Business Address:	9TH FLOOR, THE CLARENCE WEST BUILDING, CLARENCE STREET WEST, BELFAST, BT2 7GP				

Name of contact:
(if different from above)

N/A

Position within company
(if appropriate)

CIVIL ENGINEER

Telephone number:
(inc. code)

028 9060 7200

Email address:

graham.mccormack@aecom.com

Company Registration No.

00880328

4. Details of Current/Previous Licence

Licence Reference Number

N/A

Expiry Date

N/A

5. Duration of Dredging Operation

When is the dredging operation proposed to commence?

an 2019

When is the dredging operation proposed to be completed?

March 2019

6. Details of Disposal Operation

Has a Marine Sea Disposal Licence been applied for Yes/No

N/A to be disposed of at
Landfill

Associated Marine Sea Disposal Licence Application number

7. Method Statement for dredging operation

Works to be undertaken at Night

1. Diesel boom placed across the downstream of the watercourse.
2. Chainsaw, hand tools, trimmers and hedgecutters will be used to remove vegetation from the wingwalls of the structure. Arisings to be disposed of offsite or placed in the cess if it safe to do so.
3. Ballast to be dug out using hand tools from between two sleepers and run layflat hose from the pump under the track and out toward the downstream.
4. Delivery hose will be connected to the layflat end and will be positioned to allow water to enter the stream beyond the downstream wingwalls.
5. RRV to drive sheet piles into the stream bed on the upstream and downstream side of the stream to eliminate flow.
6. Sandbags will be placed to cover any gaps at the edges of the sheetpile wall.
7. 3T mini digger to reach under the bridge and within the wingwalls and dredge out silt using its bucket to a depth of approx 500mm.
8. The silt will be deposited at the side of the bank.
9. The removed silt will be disposed of off site.
10. After each shift one or a number of the sheet piles will be raised up and clamped into position to allow the water to flow through, the dam will be reinstated at the start of the following work shift.
11. At the end of the shift all plant will be removed.

If necessary, please continue on a separate sheet and tick this box

☐

8. Description of proposed dredged material

Type of Material (delete as appropriate)

~~Capital~~ Maintenance

Amount of Material to be deposited (metric tonnes)

100 METRIC TONNES

Nature of Material i.e. River Bed,
Sea Harbour, Approach Channel, Estuary

RIVER BED

Description of area from where dredge material has originated

Co-ordinates (Lat/Long) or (IGR)

Irish Grid Reference (IGR) 338203,376846

Depth of Material to be Removed (m)

500mm

Date Last Dredged

N/A

9. Chemical Analysis of Dredged Material

Has the proposed dredged material been chemically analysed in the previous 3 years? (delete as appropriate) ~~Yes~~^{**}/No

^{**} If Yes please provide the details below.

Location of sampling for analysis N/A

Date analysis carried out N/A

Laboratory N/A

*^{**}Please attach results to this application*

10. Construction/Land Reclamation Projects

Do you intend to apply for, or have applied for a marine construction licence as part of the works? (e.g. harbour works, land reclamation, installation of outfalls etc.)

Yes ☒ No ☐

If Yes, please indicate the location of the proposed works and a give a brief description below.

A marine licence has been applied for as part of works associated with this Bridge to the rear of Ikea and the Connswater Railway Bridge.

11. Consultation with Conservation Bodies

Please provide details of any consultation that has taken place with Natural Heritage (NH) of NIEA, and if appropriate include copies of any correspondence with your application.

12. Designated Conservation Areas

Are any parts of the sea disposal operations located within the boundaries of a designated conservation area?

Yes ☐ No ☒

If **No**, and the boundary of the nearest such site is within 5kilometres, please indicate approximate distance of the disposal operation from this boundary.

1.2 kms

13. Statutory Consenting Powers

Do you, or (if appropriate) your client, have statutory powers to consent any aspect of this project?

Yes ☐ No ☒

If **Yes**, please give details

14. Environmental Assessment

Has an environmental assessment been undertaken to support any application in respect of the works, your own statutory powers (if applicable) or any other reason?

Yes ☒ No ☐

If **Yes**, is a copy of the assessment included with this application?

Yes ☒ No ☐

If the assessment has been undertaken but has not been included with the application, please provide an explanation below.

An HRA is being prepared as part of the Marine Licence application which will be submitted separately.

Is the environmental assessment available for public inspection?

Yes

☐

No

☒

If **Yes** at what locations:

N/A

Declaration

I declare that the information given in this form and related papers is to the best of my knowledge and belief true.

WARNING

It is an offence under the Act under which this application is made to fail to disclose information or to provide false or misleading information.

Signature of applicant:
(or agent acting on behalf of applicant)



Date:

20/08/2018

Name (Block Letters):

GRAHAM MCCORMACK

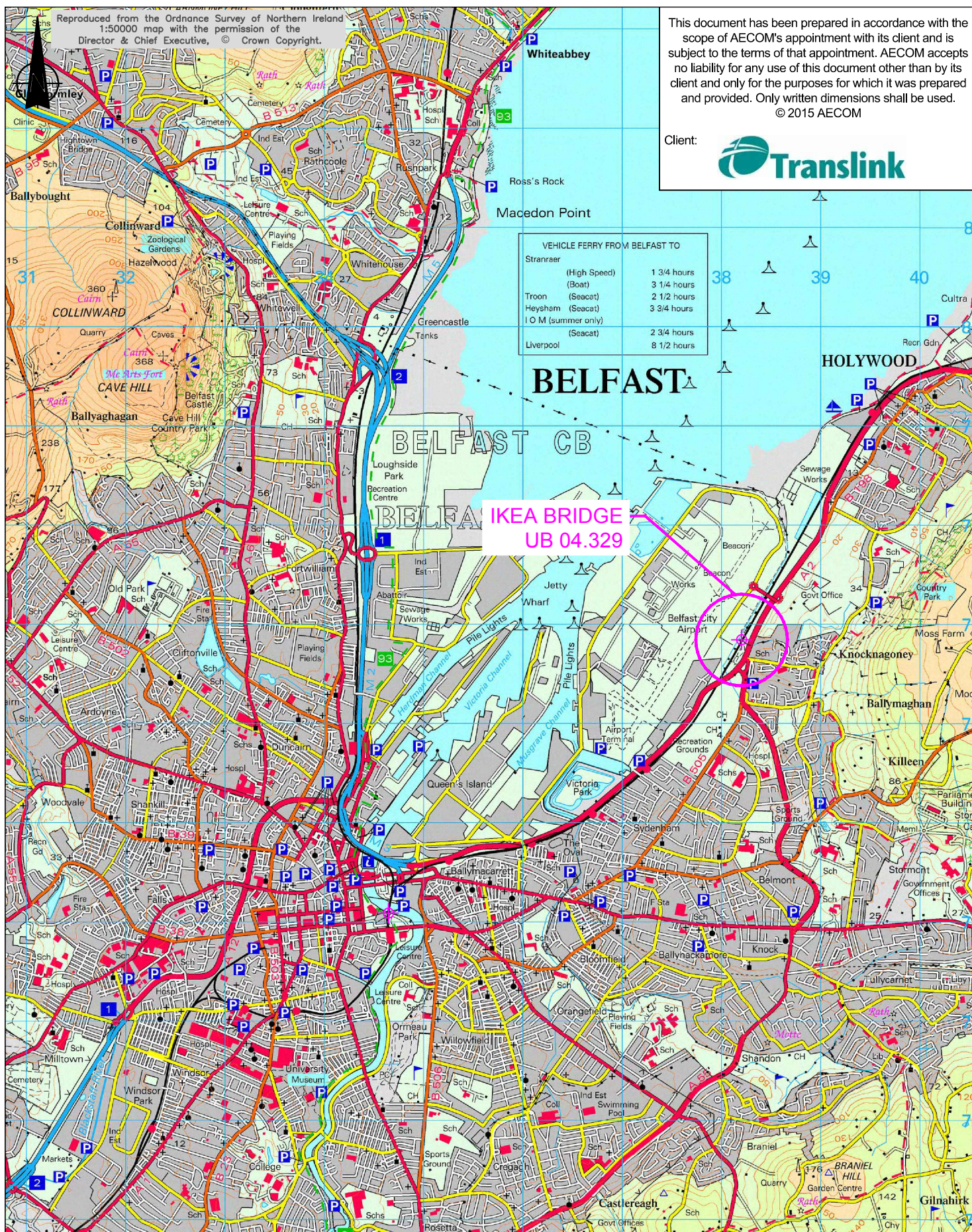
Position within company:
(if applicable)

CIVIL ENGINEER

PLEASE CHECK CAREFULLY THE INFORMATION YOU HAVE GIVEN AND THAT ALL ENCLOSURES (INCLUDING COPIES) HAVE BEEN INCLUDED

Appendix A

47075660 - 04.325 - 04.329 - 01 - Site Location



Drawing Title

TRANSLINK STRUCTURE
UNDERWATER EXAMINATION
IKEA BRIDGE
Location Plan

Scale @ A4
1:50,000

Drawn
GA

Checked
GM

Approved
RB

Date
MAY 2018

Rev
0

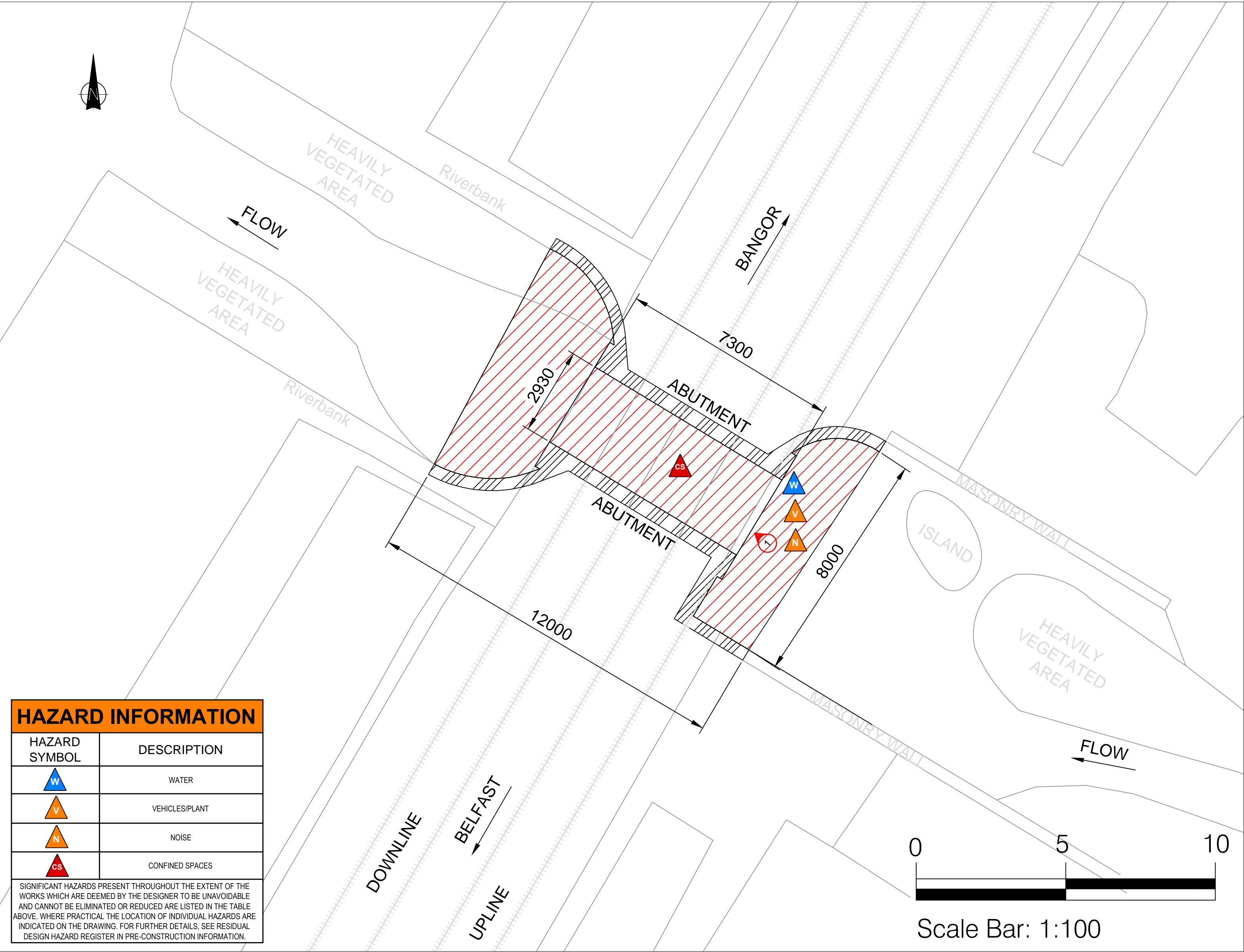
Drawing Number
47075660 - 04.325 - 04.329 - 01

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Appendix B

60512590 - 1007 - 10012- Underwater Repairs



General Arrangement
Scale 1:100



Photo 1 - View of upside of structure

NOTES

Schedule of Repairs

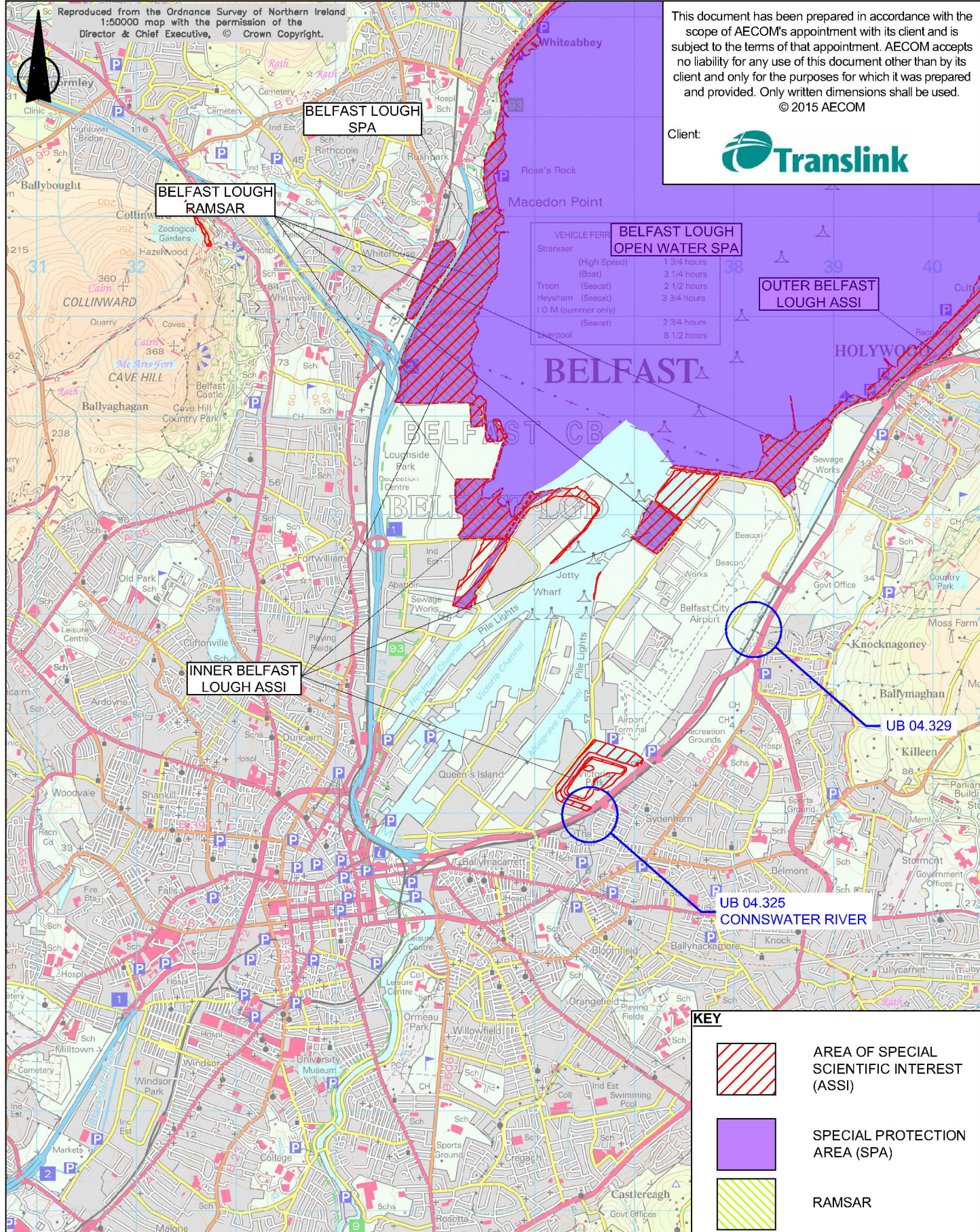
1. Dredge excess silt deposits as per area indicated in General Arrangement drawing, in accordance with Dredging notes and as directed by site engineer.
2. De-vegetate high and low mileage wing walls in accordance with De-vegetation notes.

Dredge excess silt deposits


SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION BOX				
IT IS ASSUMED THAT ALL WORKS ON THIS DRAWING WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROPRIATE METHOD STATEMENT.				
THIS DRAWING IS TO BE USED ONLY FOR THE PURPOSE OF ISSUE THAT IT WAS ISSUED FOR AND IS SUBJECT TO AMENDMENT.				
NOTES				
1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DOCUMENTATION				
2. DO NOT SCALE FROM THIS DRAWING. USE ONLY PRINTED DIMENSIONS.				
3. ALL DIMENSIONS IN MILLIMETRES. ALL CHANGES, LEVELS AND COORDINATES ARE IN METRES UNLESS DEFINED OTHERWISE.				
4. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE PROJECT HEALTH & SAFETY FILE FOR ANY IDENTIFIED POTENTIAL RISKS.				
DE-VEGETATION				
CUT BACK VEGETATION GROWTH OBSCURING FACE OF ABUTMENTS / WING WALLS / RIVER WALLS, INCLUDING ANY OVERHANGING VEGETATION. CUTTINGS SHALL BE REMOVED AND DISPOSED OF OFF-SITE. MORTAR JOINTS SHALL BE FREE OF VEGETATION (SEE RE-POINTING NOTES BELOW). TREE GROWTH SHALL BE CUT BACK AND ROOTS KILLED-OFF BY DRILLING HOLES IN ROOTS AND INJECTING WITH A SUITABLE HERBICIDE.				
ENVIRONMENTAL CONSIDERATIONS				
1. PRIOR TO COMMENCING ANY WORKS COULD POTENTIALLY ALTER RIVER FLOW CHARACTERISTICS OR CAUSE DISTURBANCE TO THE RIVER BED, APPROPRIATE APPROVAL SHALL BE SOUGHT FROM THE RELEVANT STATUTORY BODIES, INCLUDING BUT NOT EXCLUSIVELY: NIR, DFI RIVERS LOUGHS AGENCY, DEARA, NIEA.				
2. IF AN INVASIVE SPECIES, INCLUDING JAPANESE KNOT WEED / GIANT HOGWEED / HIMALAYAN BALSAM, IS IDENTIFIED OR SUSPECTED IN THE VICINITY OF THE WORK SITE, WORK SHALL BE STOPPED IMMEDIATELY AND THE APPROPRIATE BODIES, INCLUDING NIR & NIEA, SHALL BE INFORMED IMMEDIATELY.				
DREDGING				
3. SILT DEPTH VARIES FROM 150mm-500mm. DREDGE TO DEPTH OF APPROXIMATELY 500mm BELOW SURFACE LEVEL.				
4. THIS AREA IS SUBJECT TO LOW FLOW THEREFORE DREDGED MATERIAL MAY BE STAGNANT/CONTAMINATED AND SHALL BE DISPOSED OF OFF-SITE				
Revision Details				
By		Date		
Check		Suffix		
Purpose of issue				
FOR APPROVAL				
Client				
Project Title				
TRANSLINK FRAMEWORK CONSULTANCY SERVICES 2016-2020				
Drawing Title				
UNDERWATER REPAIRS				
04.329				
Designed	Drawn	Checked	Approved	Date
GTM	EM			JAN '18
Project No.		Suitability		
60512590-1007				
Scale @ A1		Zone		
AS SHOWN				
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Drawing Number				Rev
60512590-1007-10012				A1

Appendix C

47075660 - MLA-DS- 04.325 - 04.329 - Designated Sites



Drawing Title		Scale @ A4 1:50,000		
TRANSLINK STRUCTURE UNDERWATER EXAMINATION		Drawn GA	Checked GM	Approved RB
CONNSWATER BRIDGE 04.325 & IKEA BRIDGE 04.329		Date MAY 2018		Rev 0
DESIGNATED SITES		Drawing Number 47075660 - MLA-DS 04.325 - 04.329		


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