

National Monuments Service
Department of Housing, Local Government and Heritage
Government Offices
The Glen
Co. Waterford

Date: 15 August 2023

Re: Proposed flood relief works at Ballyhale and Kiltorcan (townlands)
Co. Kilkenny

Dear Sir / Madam,

An Bord Pleanála has received your recent submission in relation to the above-mentioned proposed development and will take it into consideration in its determination of the matter.

Please note that the proposed development shall not be carried out unless the Board has approved it or approved it with conditions.

As the Board has also received an application for confirmation of a compulsory purchase order, which relates to this proposed development, the person conducting any oral hearing in relation to the compulsory acquisition of land shall be entitled to hear evidence in relation to the likely effects on the environment of the proposed development and the likely consequences for proper planning and sustainable development in the area in which it is proposed to situate the said development. The Board shall also make a decision on both applications at the same time.

You will be notified of the arrangements for the opening of any oral hearing in due course.

If you have any queries in relation to the matter please contact the undersigned officer of the Board at laps@pleanala.ie

Please quote the above-mentioned An Bord Pleanála reference number in any correspondence or telephone contact with the Board.

Yours faithfully,

Sarah Caulfield
Executive Officer
Direct Line: 01-8737287

JA02A

Tel	Tel	(01) 858 8100
Glaao Áitiúil	LoCall	1800 275 175
Facs	Fax	(01) 872 2684
Láithreán Gréasáin	Website	www.pleanala.ie
Ríomhphost	Email	bord@pleanala.ie

64 Sráid Maoilbhríde	64 Marlborough Street
Baile Átha Cliath 1	Dublin 1
D01 V902	D01 V902

Fw: S177AE application, Ballyhale Flood Relief, Kilkenny ABP-317082-23 .

Klaudia Wierzchowska <klaudia.wierzchowska@pleanala.ie>

Tue 8/15/2023 12:08 PM

To: Klaudia Wierzchowska <klaudia.wierzchowska@pleanala.ie>

From: Sarah Caulfield <s.caulfield@pleanala.ie>

Sent: Friday, August 11, 2023 3:52 PM

To: Simon Dolan (Housing) <Simon.Dolan@npws.gov.ie>

Cc: Klaudia Wierzchowska <klaudia.wierzchowska@pleanala.ie>

Subject: RE: S177AE application, Ballyhale Flood Relief, Kilkenny ABP-317082-23

Dear Simon,

The Board acknowledges receipt of your email and submission on behalf of the National Monuments Service in relation to the above-mentioned application.

Kind Regards,
Sarah

From: Simon Dolan (Housing) <Simon.Dolan@npws.gov.ie>

Sent: Friday, August 11, 2023 3:27 PM

To: Sarah Caulfield <s.caulfield@pleanala.ie>

Subject: RE: S177AE application, Ballyhale Flood Relief, Kilkenny ABP-317082-23

Hi Sarah,

My apologies for the confusion. Yes I can confirm that this response was issued on behalf of the National Monuments Service which is under the remit of the Department of Housing, Local Government & Heritage.

Attached please find the updated Archaeological response.

Have a good weekend.

Regards,



Simon Dolan

An Roinn Tithíochta, Rialtais Áitiúil agus Oldhreacht
Department of Housing, Local Government and Heritage
Executive Officer

Aonad na nIarratas ar Fhorbairt
Development Applications Unit

Oifigí an Rialtais
Government Offices

Bóthar an Bhaile Nua, Loch Garman, Contae Loch Garman, Y35 AP90
Newtown Road, Wexford, County Wexford, Y35 AP90

From: Sarah Caulfield <s.caulfield@pleanala.ie>
Sent: Friday 11 August 2023 14:37
To: Simon Dolan (Housing) <Simon.Dolan@npws.gov.ie>
Subject: RE: S177AE application, Ballyhale Flood Relief, Kilkenny

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Dear Simon,

Your subject line refers to an application in Co. Kilkenny and your attachment relates to an application in Co. Clare. This needs to be amended and re-sent.

As both deadline dates have since passed for submissions, you would need to confirm that this submission is being made on behalf of the **National Monuments Service** which was specifically requested by the Board for ABP-317082-23?

ABP-317384-23 – Relates to 20 Houses, Gort Road, Co. Clare

ABP-317082-23 – Relates to Ballyhale Flood Relief Scheme, Co. Kilkenny

Kind Regards,
Sarah

From: Simon Dolan (Housing) <Simon.Dolan@npws.gov.ie>
Sent: Friday, August 11, 2023 11:06 AM
To: Bord <bord@pleanala.ie>
Subject: S177AE application, Ballyhale Flood Relief, Kilkenny

A Chara,

Attached please find the Archaeological recommendations.

Regards,



Simon Dolan

An Roinn Tithíochta, Rialtais Áitiúil agus Oidhreachta
Department of Housing, Local Government and Heritage
Executive Officer
Aonad na nIarratas ar Fhorbairt
Development Applications Unit
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Bóthar an Bhaile Nua, Loch Garman, Contae Loch Garman, Y35 AP90
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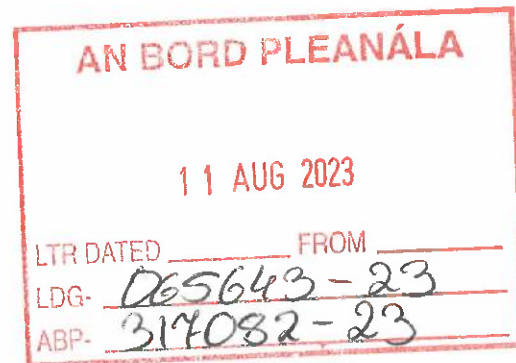
Planning Ref: 177AE- KK-Ballyhale Flood Relief

(Please quote in all related correspondence)

11 Aug 2023

The Secretary
An Bord Pleanála
64 Marlborough Street
Dublin 1
D01 V902

Via email: bord@pleanala.ie



Re: Notification under the Planning and Development Act, 2000, as amended

Proposed Development: Section 177AE application in respect of Ballyhale flood relief scheme in the townlands of Ballyhale and Kiltorcan in County Kilkenny.

A chara

I refer to correspondence received in connection with the above. Outlined below are heritage-related observations/recommendations co-ordinated by the Development Applications Unit under the stated headings.

Archaeology

We refer to your consultation in relation to the above proposed development and please find outlined below the archaeological recommendations of the Underwater Archaeology Unit (UAU) of the National Monuments Service (NMS) of the Department of Housing, Local Government and Heritage. The UAU of the NMS is tasked, on behalf of the Minister for Housing, Local Government and Heritage, with the protection and preservation of Ireland's underwater cultural heritage. As a Prescribed Body or Statutory Consultee in the planning process under the Planning and Development Act 2000 (as amended), UAU make recommendations to the relevant planning authorities and other regulatory bodies on developments which have the potential to impact on underwater archaeology. Within the NMS the UAU has responsibility for making observations and recommendations to relevant authorities on flood relief scheme projects.

The proposed Ballyhale Flood Relief Scheme involves:

Aonad na nIarratas ar Fhorbairt

Development Applications Unit

Oifigí an Rialtais

Government Offices

Bóthar an Bhaile Nua, Loch Garman, Contae Loch Garman, Y35 AP90
Newtown Road, Wexford, County Wexford, Y35 AP90



- Construction of embankments located upstream of the village to prevent overland flooding
- Flood wall to the western perimeter of “Arrigle View”
- Section of new river channel re-connecting all outlets from the Chapel Lane bridge into the western river channel and removing the flow
- Excavation of the existing church pedestrian access and replacement via a new pedestrian connection which also serves to form a new bank to the redirected stream
- Landscaping of eastern river channel to allow for a low flow channel to reflect reduced flow flood defences (wall and embankments) between the western channel and the properties at risk on Main Street.
- Landscaping to provide a riverside walkway/park
- Removal of one of two existing minor private bridges providing access across the river to a private land parcel.
- Removal of the existing weir and bridge at the Ballyhale Business Park access and replacement of bridge with clear span access with regrading of channel to improve channel capacity
- Low flood wall alongside the road opposite Brookfield to prevent out of bank flows emerging onto the road surface.
- Provision of rock ramp to existing weir at Ballyhale Shamrocks access to improve fish pass conditions
- Channel reprofiling at the existing Main street bridge to improve bridge inlet
- Provision of additional conveyance capacity to the Main street Bridge. The additional conveyance will be provided by an additional bridge opening (box culvert) set at high level to provide capacity for extreme flood events.
- Provision of rock ramp to downstream face of the Main Street Bridge to improve fish pass conditions
- Provision of a temporary construction fencing, accommodation works and all site development and landscaping

The full planning submission made by Kilkenny County Council to An Bord Pleanála, including the Environmental Impact Assessment Report (EIAR) and its chapter on Cultural Heritage (Ballyhale Flood Relief Scheme, Environmental Impact Assessment Report Chapter 10), has been reviewed by UAU. Prior engagements by UAU with this FRS project have included our response to a pre-planning submission consultation (ref. G Pre00181/2020, 3 October 2020) and a site walkover with the Office of Public Works Project Archaeologist 8th March 2023. Our October 2020 submission recommended that ‘the Cultural Heritage assessment should therefore assess both the terrestrial archaeological potential of all areas within the footprint of flood relief works and the underwater cultural heritage potential for all watercourses, including riverbanks, stream banks, wetlands, etc. and all associated fixtures and features, sites and elements (e.g. fording points, bridges, stepping stones, landing slips, wrecks, etc.). A suitably qualified



and suitably experienced archaeologist with underwater archaeological experience should carry out the Cultural Heritage Section of the EIAR to ensure it informs fully on the full spectrum of archaeological potential, both above and below water, and to propose mitigation to address risks to that cultural heritage (whether known/recorded or previously unknown/potential)'. Similarly, in the site meeting of 8th March 2023, the high archaeological potential of the proposed development area was highlighted and it was stressed that the maximum amount of archaeological mitigation possible would be carried out in advance, ideally at design stage (Stage I), of the commencement of the main works at Stage IV, thus reducing the risk of adverse effects on archaeological heritage and, potentially, attendant delays to the construction programme. It is noted that the Cultural Heritage chapter of the EIAR 'consists of the results of a paper survey and detailed field inspection/reconnaissance survey. In addition, Geotechnical Site Investigations were monitored by an archaeologist'. No further archaeological investigations or surveys have been undertaken to inform the EIAR.

Three sites of 'Archaeological Heritage interest/potential' are identified within the defined study area of the EIAR and nine individual structures of 'Architectural Heritage interest'. The three archaeological heritage sites are identified as follows:

CH-1 (RMP KK031-034) Church, Graveyard, Font and Castle (unclassified)

CH-2 (RMP KK031-070) Souterrain

CH-3 (RMP KK031- 090) burnt mound.

These monuments are afforded statutory protection in the Record of Monuments and Places (RMP) established under section 12 (Recorded Monuments) of the National Monuments (Amendment) Act 1930-2014. It should be noted, however, that the RMP is not an exhaustive list of all archaeological and cultural heritage in existence, and it is the published policy of the NMS (Framework and Principles for the Protection of the Archaeological Heritage (Government of Ireland 1999) and is stated in Section 3.3.6 of the Environmental Protection Agency's Guidelines on the Information to be Contained in Environmental Impact Assessment Reports (EPA 2022), that archaeological assessment must include a broad range of cultural heritage assets, beyond those that are subject to statutory protection(s). In this regard, it is noted that the Cultural Heritage chapter of the EIAR omits any reference to the historically documented medieval borough that has been historically recorded as having formerly occupied the area to the west of St Martin's parish church RMP KK031-034001- (see Carrigan, Rev. W. 1905 (vol. III), *The History and Antiquities of the Diocese of Ossory*, Dublin, p. 14.). Likewise, historic structures and features that are present within the proposed development area but are not included in the National Inventory of Architectural Heritage and/or Record of Protected Structures, have not been incorporated. The absence of prior archaeological test-excavations to inform the design of the flood relief scheme, for example to assess the effect of the development on the graveyard RMP KK031-034002- of St Martin's parish church RMP KK031-034001-, means it remains unknown whether the flood relief works that are proposed in its immediate environs will impact on, for example, sub-surface human skeletal remains associated with the graveyard or the sub-surface remains of a boundary that predates the present early twentieth century enclosing wall.



It is also noted that no Underwater Archaeological Impact Assessment (UAIA) has been undertaken to assess the effects of the project on underwater cultural heritage, including on wrecks and underwater objects that may be contained within the River Arrigle. Section 3 of the National Monuments (Amendment) Act 1987 is the primary piece of legislation for the protection of wrecks over 100 years old and archaeological objects underwater, irrespective of age. Wrecks that are less than 100 years old and archaeological objects or the potential location of such a wreck or archaeological object can also be protected under Section 3 of the 1987 (Amendment) Act. Underwater cultural heritage also encompasses, for example, weirs, historic bridges, fording points, revetment walls, historic flood defences and other riverine structures and features, many of which are present within the proposed development area and/or are marked on historic maps.

In light of the above omissions in the Cultural Heritage chapter of the EIAR we are unable, at this juncture, to make a determination, to inform An Bord Pleanála's decision, as to whether or not the effects of the proposed project on cultural heritage have been adequately identified, described and assessed. Likewise, we are unable to determine whether the likely significant effects on cultural heritage resulting from the construction and operation of the project have been identified and whether the proposed mitigation measures would adequately allow for the avoidance, reduction or offsetting of significant effects on cultural heritage.

Accordingly, it is the recommendation of the National Monuments Service that the completion of a programme of pre-development underwater archaeological assessment of all in-stream works, archaeological testing (licensed under the National Monuments Acts 1930-2014) in the areas of proposed groundworks and other investigations as set out below should be undertaken as FURTHER INFORMATION. The UAIA and AIA should be completed well in advance of any construction contract to ensure the identification of any surviving underwater and terrestrial archaeological structures, features, deposits and human skeletal remains within the proposed development area. This should be carried out at the earliest possible stage to facilitate the embedding of mitigation within the detailed design for the project, as necessary, in order to ensure the preservation in-situ of cultural heritage and to develop an informed archaeological strategy to be implemented in agreement with the National Monuments Service.

It is recommended therefore that An Bord Pleanála request submission of an Underwater Archaeology Impact Assessment (UAIA) and Archaeological Impact Assessment (AIA) as further information.

Underwater Archaeological Impact Assessment:

1. The developer shall commission an Underwater Archaeological Impact Assessment (UAIA) report which shall include the following:
 - a. A desktop assessment that addresses the underwater cultural heritage (including archaeological, built, vernacular, riverine and industrial heritage) of the proposed



development area. The assessment shall include a full inventory, mapping and survey (photographic, descriptive, photogrammetric, as appropriate) of underwater cultural heritage features and structures identified by fieldwork, cartographic analysis, historical research and prior archaeological investigations.

- b. The UAIA shall include a licenced wade assessment, accompanied by a hand-held metal detection survey, centred on (but not confined to) the area(s) where in-stream works are proposed. The wade assessment and metal detection survey shall be undertaken by a suitably licenced and experienced underwater archaeologist. All identified underwater cultural heritage shall be surveyed (photographic, descriptive, photogrammetric) in detail as part of the assessment. A Dive/Survey licence (Section 3 1987 National Monuments Act) and Detection Device consent (Section 2 1987 National Monuments Act) will be required for the wade survey and metal detection, respectively. Licenses should be applied for to the National Monuments Service and should be accompanied by a detailed method statement. Note a period of 3-4 weeks should be allowed to facilitate processing and approval of the licence applications and method statement. All archaeological wading/diving should comply with the Health and Safety Authority's Safety, Health and Welfare at Work (Diving) Regulations 2018/2019.
- c. Having completed the above works, the archaeologist shall undertake targeted in-river pre-development archaeologist test-excavations within specific areas of the proposed development area, to be agreed with the National Monuments Service, in order to adequately assess the nature, depth, extent and artefact-bearing potential of the riverine stratigraphy, to assess the potential for the remains of bridges, fording points and other riverine structures and features, and to facilitate further characterisation of underwater cultural heritage features and structures that have been identified in the wade survey and by prior research. The archaeological test-excavation shall be carried out under a Section 26 (National Monuments Act 1930) licence from the NMS and in accordance with an approved method statement. Licensed metal detection shall be undertaken in tandem with the test excavations. A Dive/Survey Licence (Section 3 1987 National Monuments Act) and Detection Device consent (Section 2 1987 National Monuments Act) will be required for the wade survey and metal detection, respectively. Licenses should be applied for to the National Monuments Service and should be accompanied by a detailed method statement. Note a period of 3-4 weeks should be allowed to facilitate processing and approval of the licence application and method statement. All archaeological wading/diving should comply with the Health and Safety Authority's Safety, Health and Welfare at Work (Diving) Regulations 2018/2019.
- d. Having completed the above-described works, the archaeologist shall submit a written report to the NMS describing the results of the UAIA, including archaeological underwater test-excavations. The report shall include a comprehensive Archaeological Impact Statement (AIS) that comments on the degree to which the extent, location and levels of all proposed works (flood relief structures, ground disturbances, foundations, service trenches and other sub-



surface works including Site Investigation works) required for the development will impact upon any underwater cultural heritage, archaeological materials, objects and/or areas of archaeological potential that have been identified. The AIS shall describe the potential impact(s) of all proposed in-stream development, access and ingress routes to the river, and shall also assess any proposed additional Site Investigation/Geotechnical impacts and potential secondary/indirect impacts such as scouring resulting from changes in hydrology. The AIS should be illustrated with appropriate plans, sections and photographs that clearly describe any adverse effect(s) of the development on the underwater cultural heritage and proposals for their mitigation. Mitigation may include recommendations for redesign to allow for full or partial preservation in situ, the institution of archaeological exclusion zones, further wade/dive surveys, test-excavations, excavations ('preservation by record') and/or monitoring, as deemed appropriate. NMS will advise with regard to these matters. No construction works shall commence until after the UAIA has been submitted and reviewed. All recommendations will require the agreement of the NMS. In default of agreement on any of these requirements, the matter shall be referred to An Bord Pleanála for determination.

Archaeological Impact Assessment (Terrestrial):

2. The developer shall commission an Archaeological Impact Assessment (AIA), as follows:
 - a. A desktop assessment shall be compiled that addresses the cultural heritage (archaeological, built, vernacular, riverine and industrial heritage) of the proposed development area, to include a full inventory, mapping and surveys (photographic, descriptive, photogrammetric, as appropriate) of cultural heritage features and structures identified by fieldwork, cartographic analysis, historical research and prior archaeological investigations.
 - b. The AIA shall include licenced test-excavations, accompanied by a hand-held metal detection survey, at areas of the development area where ground disturbance is to take place, including (but not limited to) locations of all proposed flood embankments (E-001, E-002, E-003, E-004, E-005), new channels (D-001) and the Site Compound. The archaeological test-excavation shall be carried out under a Section 26 (National Monuments Act 1930) licence from the NMS and in accordance with an approved method statement. Licensed metal detection shall be undertaken in tandem with the test excavations. All test-excavations that have the potential to uncover human skeletal remains shall be undertaken in conjunction with a suitably qualified osteoarchaeologist. A Detection Device consent (Section 2 1987 National Monuments Act) will be required for the metal detection survey. Licenses should be applied for to the National Monuments Service and should be accompanied by a detailed method statement. Note a



period of 3-4 weeks should be allowed to facilitate processing and approval of the licence application and method statement.

- c. The AIA shall include a comprehensive historical and architectural analysis and analytical assessment and record of all historic structures (including but not limited to, bridges, weirs, revetments, buildings, former mills) that will potentially be impacted upon by the proposed development. The assessment shall comprise of archaeological recording (annotated plans, elevations, sections, details of features and interpretative drawings derived from measured surveys, photographic surveys, digital surveys, opening-up works) that secures an understanding of the development and phasing of all impacted architectural structures and features (including any reused architectural carved stones) and their condition and vulnerabilities.
- d. The outcome of the assessment shall inform recommendations, to be agreed with the National Monuments Service, that prioritise the preservation in situ of identified structures and features and shall also inform the preparation, as required, of specifications (prepared in liaison with a conservation specialist and structural engineer as appropriate) that provide for their stabilisation, conservation and repair. Where identified historic features and structures are proposed for removal or part removal as part of the proposed development, the rationale and justification for this shall be described and mitigation measures shall be recommended and agreed with the National Monuments Service. These may include, as appropriate, further archaeological investigations (including test-excavations aimed at securing a greater understanding of a feature or structure), surveys, conservation and engineering interventions, monitoring, preservation by record, and interpretation. Any associated groundworks shall also be assessed and mitigatory measures outlined accordingly.
- e. The AIA shall include an assessment of the effects of the proposed development, if any, on the setting of St Martin's parish church RMP KK031-034001- and its graveyard RMP KK031-034002-. Assessment shall include a description, illustrated with photomontages, photographs and drawings, that describe the significance of the setting of the monuments and how it will be affected by the proposed development. Where adverse effects on its setting are identified, mitigation measures (e.g. design modifications, public realm works, archaeological interpretation panels) that enhance the setting of the monuments shall be proposed and agreed with the National Monuments Service.
- f. A final AIA report that details the results of the assessment shall be furnished to the National Monuments Service for review and comment. The report shall include a comprehensive Archaeological Impact Statement (AIS) that comments on the degree to which the extent, location and levels of all proposed works (flood relief structures, ground disturbances, foundations, service trenches and other sub-surface works including Site Investigation works) required for the development will impact upon any cultural heritage, archaeological materials,



objects, the setting of St Martin's parish church RMP KK031-034001- and its graveyard RMP KK031-034002-, and/or areas of archaeological potential that have been identified. The AIS should be illustrated with appropriate plans, sections and photographs that clearly describe any adverse effect(s) of the development on cultural heritage and proposals for their mitigation. Mitigation may include recommendations for redesign to allow for full or partial preservation in situ, the institution of archaeological exclusion zones, design modifications to enhance setting, test-excavations, excavations ('preservation by record') and/or monitoring, as deemed appropriate. No construction works should commence until after the AIA has been submitted and reviewed. All recommendations will require the agreement of the NMS. In default of agreement on any of these requirements, the matter shall be referred to An Bord Pleanála for determination.

Should An Bord Pleanála not request Further Information but instead grant permission for the development, we request that the above recommendations form conditions of planning permission. In addition, we recommend the following conditions are included:

1. All mitigation measures in relation to archaeology and cultural heritage as set out in Chapter 10 of the EIAR shall be implemented in full, except as may otherwise be required in order to comply with the conditions of this Order.
2. The Construction Environment Management Plan (CEMP) shall include the location of any and all archaeological or cultural heritage constraints relevant to the proposed development as set out in Chapter 10 of the EIAR and by any subsequent archaeological investigations associated with the project. The CEMP shall clearly describe all identified likely archaeological impacts, both direct and indirect, and all mitigation measures to be employed to protect the archaeological or cultural heritage environment during all phases of site preparation and construction activity.
3. A Project Archaeologist shall be appointed to oversee and advise on all aspects of the scheme from design, through inception to completion.

4. Archaeological monitoring shall be undertaken as follows:

- a. The services of a suitably qualified and suitably experienced archaeologist shall be engaged to carry out archaeological monitoring of all sub-surface works carried out within the development site, including demolition of historic structures and features, in-stream excavations, ground reduction works, service trenching and all other works as advised by the monitoring archaeologist.
- b. The archaeological monitoring shall be carried out under a Section 26 (National Monuments Act 1930) licence from the NMS and in accordance with an approved method statement. The method statement shall lay out the monitoring strategy for each location where works are proposed. All monitoring works that have the potential to uncover human skeletal remains shall be undertaken in conjunction with a suitably qualified osteoarchaeologist. Licensed metal detection shall be undertaken in tandem with the monitoring. The method statement shall contain a



Finds Retrieval Strategy that includes for the spreading, systematic searching and metal detection of all excavated deposits in order to retrieve archaeological objects. If, after an agreed period of time, there is minimal artefactual evidence forthcoming, the archaeological searching and metal detecting of the spoil may be scaled down. A Detection Device consent (Section 2 1987 National Monuments Act) will be required for the metal detecting works. Note a period of 3-4 weeks should be allowed to facilitate processing and approval of licence applications and method statement.

- c. In order to ensure full communication is in place between the monitoring archaeologist and the works contractor at all times, a communication strategy shall be implemented that provides the monitoring archaeologist with adequate notice of all forthcoming works that require their attendance. Sufficient, suitably experienced and qualified, archaeological personnel shall be in place to cover all aspects of the monitoring works and all in-stream works shall be monitored by a suitably qualified and experience underwater archaeologist.
- d. Should archaeological material be found during the course of the archaeological monitoring, the archaeologist shall be authorised to suspend all construction works on the affected part of the site (as identified by the monitoring archaeologist) in order to facilitate investigative assessment, protection and prompt notification to the NMS and other statutory authorities, as required. The developer shall be prepared to be advised by the NMS with regard to any ensuing mitigating action. Mitigation may include recommendations for redesign to allow for full or partial preservation in situ, the institution of archaeological exclusion zones, test-excavations, excavations ('preservation by record') and/or monitoring, as deemed appropriate. No construction works should recommence within the affected area until after an amended method statement that describes the mitigation strategy has been submitted, reviewed and agreed in writing by the NMS. In default of agreement on any of these requirements, the matter shall be referred to An Bord Pleanála for determination.
- e. The planning authority and the National Monuments Service shall be furnished with a final archaeological report describing the results of all archaeological monitoring and any archaeological investigative work/excavation required, following the completion of all archaeological work on site and any necessary post-excavation specialist analysis. All resulting and associated archaeological costs shall be borne by the developer.

You are requested to send further communications to this Department's Development Applications Unit (DAU) at manager.dau@npws.gov.ie where used, or to the following address:

The Manager
Development Applications Unit (DAU)



Government Offices
Newtown Road
Wexford
Y35 AP90

Is mise, le meas

A handwritten signature in blue ink, which appears to read 'Simon Dolan', is written over a horizontal line.

Simon Dolan
Development Applications Unit
Administration