

2.5 Attachment B.6 Notices and Advertisements

This attachment contains:

- an original page/copy of the relevant page of the newspaper(s) in which the notice in accordance with Article 6 has been published.
- a copy of the text of the notice or notices erected or fixed in accordance with Article 7.

The site location map in Attachment B2 shows the location of the two site notices.

CLASSIFIEDS**WICKLOW**
0404 67198**ARKLOW**
0402 32130**BRAY**
01 2861347**PLANNING****WICKLOW COUNTY COUNCIL**
Alphalan Design - (Tel: 0404-64123 / 086-2461269 Email:

eugene@alphalandscape.com)- Seeks planning permission for retention of upper window to rear room and side wide window at ground floor level, and proposed new waste water treatment system to EPA 2009 standards in lieu of existing septic tank and associated works at Cullen Upper, Wicklow, for Repts of R. Graham. The planning application may be inspected, or purchased at a fee not exceeding the reasonable cost of making a copy, at the offices of the planning authority during its public opening hours and a submission or observation in relation to the application may be made to the authority in writing on payment of the prescribed fee within the period of 5 weeks beginning on the date of receipt by the authority of the application.

WICKLOW COUNTY COUNCIL
Lane Planning & Design (www.lpd.ie) seeks retention permission on behalf of Keith and Geradine McGrath for a 258.90 m2 dormer dwelling as constructed at Thistedown, Ballyronan Road, Kilquade County Wicklow. The Planning application may be inspected or purchased at a fee not exceeding the reasonable cost of making a copy, at the offices of the Planning Authority during its public opening hours. The planning application may be viewed online at www.wicklow.ie under planning online enquiries. A submission or observation in relation to the application may be made in writing to the Planning Authority on payment of the prescribed fee, €20.00, within the period of five weeks beginning on the date of receipt by the authority of the application, and such submissions or observations will be considered by the Planning Authority in making a decision on the application. The Planning Authority may grant permission subject to or without conditions, or may refuse to grant permission.

WICKLOW COUNTY COUNCIL
K. Cavanagh, wish to apply for planning permission for the demolition of existing single and two storey extension of office use and permission for the following:
1. Change of use of the remaining ground floor from office & ancillary space to retail and ancillary space
2. Change of use of first floor office use to office / retail and ancillary
3. Amendments to gable elevation to allow for new windows and signage and modifications to rear of existing roof to allow for roof glazing
4. Construction of a new two storey extension to the rear, with retail and ancillary use on the ground floor and office / retail use and ancillary use on the first floor
5. Removal of boundary wall to allow for forecourt, new footpath to Hillside Road and associated site works at Waverly, corner of Hillside Road and Church Road, Greystones
The planning application may be inspected or purchased at a fee not exceeding the reasonable cost of making a copy at the offices of Wicklow County Council, County Buildings, Wicklow, during its public opening hours. A submission or observation in relation to the application may be made in writing to the planning authority on payment of the prescribed fee within the period of 5 weeks beginning on the date of receipt by the authority of the application.

PLANNING

WICKLOW COUNTY COUNCIL
Planning permission is sought for permission for a proposed new dwelling, Garage, Connection to all public services, proposed new entrance, together with all ancillary site works at Kilmacanogue South, Kilmacanogue, Co. Wicklow. Signed: Craig O'Neill & Kim Farrell. The planning application may be inspected, or purchased at a fee not exceeding the reasonable cost of making a copy, at the offices of the planning authority during its public opening hours and a submission or observation in relation to the application may be made to the authority in writing on payment of the prescribed fee within the period of 5 weeks beginning on the date of receipt by the authority of the application.

WICKLOW COUNTY COUNCIL
Planning permission is sought for permission for a proposed new two storey dwelling, Garage, effluent disposal system to current EPA standards, connection to existing watermain, proposed new entrance, together with all ancillary site works at KILCRONEY Lane, Kilcroney, Bray, Co. Wicklow. Signed: Patrick Anthony Mark Devlin. The planning application may be inspected, or purchased at a fee not exceeding the reasonable cost of making a copy, at the offices of the planning authority during its public opening hours and a submission or observation in relation to the application may be made to the authority in writing on payment of the prescribed fee within the period of 5 weeks beginning on the date of receipt by the authority of the application.

WICKLOW COUNTY COUNCIL
Tim Grummell seeks permission for the construction of a new slatted storage tank, the extension of a livestock shed over this tank, with an external feed passage, the upgrade of an existing cubicle shed with the provision of an extra 6 cubicle beds, and associates site works at Seawalk Farm, Magheramore, Wicklow. The planning application may be inspected or purchased at a fee not exceeding the reasonable cost of making a copy at the offices of Wicklow County Council, County Buildings, Wicklow during its public opening hours and a submission or observation in relation to the application may be made to the authority in writing on payment of the prescribed fee within the period of 5 weeks beginning on the date of receipt by the authority of the application.

WICKLOW COUNTY COUNCIL
Thomas Mitchell seeks permission for the removal of the existing roadside vehicular entrance and the installation of a new boundary fence at this location. The creation of a new splayed vehicular road side entrance which allows for perpendicular access to the Public Road R772 at KILADRREENAN, Newtownmountkennedy, Co. Wicklow. The planning application may be inspected or purchased at a fee not exceeding the reasonable cost of making a copy at the offices of Wicklow County Council, County Buildings, Wicklow during its public opening hours and a submission or observation in relation to the application may be made to the authority in writing on payment of the prescribed fee within the period of 5 weeks beginning on the date of receipt by the authority of the application.

PLANNING

WICKLOW COUNTY COUNCIL
Ian Wallace am applying to Wicklow County Council for Retention Permission of (A) Extensions to the rear and side of my dwellinghouse and all associated alterations to my dwellinghouse, (B) Alterations to my sewerage treatment works comprising of septic tank and percolation area and all associated site layout alterations, at Angel Cottage, Coolafancy, Tinahely, Co. Wicklow. Signed Ian Wallace
The planning application may be inspected or purchased at a fee not exceeding the reasonable cost of making a copy, at the offices of the planning authority during its public opening hours. The planning application may be viewed online at www.wicklow.ie, under planning online enquiries. A submission or observation in relation to the application may be made in writing to the planning authority on payment of the prescribed fee, €20, within the period of 5 weeks beginning on the date of receipt by the authority of the application, and such submissions or observations will be considered by the planning authority in making a decision on the application. The planning authority may grant permission subject to or without conditions, or may refuse to grant permission.

WICKLOW COUNTY COUNCIL
We, Finbarr and Aine Duggan, seek planning permission for construction of a first floor side of house extension at 23 Glendale Drive, Bray, Co. Wicklow. The planning application may be inspected or purchased at a fee not exceeding the reasonable cost of making a copy at the offices of Wicklow County Council, County Buildings, Wicklow during its public opening hours and a submission or observation in relation to the application may be made to the authority in writing on payment of the prescribed fee within the period of 5 weeks beginning on the date of receipt by the authority of the application.

WICKLOW COUNTY COUNCIL
Pat Coyle, seek permission for the construction of 4No. residential dwellings with connection into existing services at Coolroe, Coolboy, Tinahely, Co. Wicklow. The planning application may be inspected or purchased at a fee not exceeding the reasonable cost of making a copy at the offices of Wicklow County Council, County Buildings, Wicklow during its public opening hours and a submission or observation in relation to the application may be made to the authority in writing on payment of the prescribed fee within the period of 5 weeks beginning on the date of receipt by the authority of the application.

WICKLOW COUNTY COUNCIL
C Dowd seek Permission to re-position the proposed house and garage, with alterations to the elevations, to the house previously approved under Planning Ref 12/6472, at Site 9, Druids Avenue, Druids Glen, Newtownmountkennedy. The planning application may be inspected or purchased at a fee not exceeding the reasonable cost of making a copy at the offices of Wicklow County Council, County Buildings, Wicklow during its public opening hours and a submission or observation in relation to the application may be made to the authority in writing on payment of the prescribed fee within the period of 5 weeks beginning on the date of receipt by the authority of the application.

PLANNING

WICKLOW COUNTY COUNCIL
K Design (0402 94680) seeks full Planning Permission on behalf of Dennis Ward for 1. Demolition of extensions to the rear 2. Demolition of front porch and Full Planning Permission for 1. Two story extension to the rear of existing dwelling 2. Single story extension to the side of existing dwelling 3. New porch to the front elevation of existing dwelling 4. Upgrading existing effluent treatment system to comply with EPA2009 requirements and associated works at Mill House, Main Street, Aughrim, Co. Wicklow. The planning application may be inspected or purchased at a fee not exceeding the reasonable cost of making a copy at the offices of Wicklow County Council, County Buildings, Wicklow during its public opening hours and a submission or observation in relation to the application may be made to the authority in writing on payment of the prescribed fee within the period of 5 weeks beginning on the date of receipt by the authority of the application.

WICKLOW COUNTY COUNCIL
We, McAulay Rice Architects (0404 62178) intend to apply on behalf of Mr... John Kavanagh for full planning permission for the following mixed use development. The application will consist of the following 1. An extension of circa 45 sq.m. to rear of existing ground floor shop unit at no 8 Main Street and alterations to existing layout 2. The provision of circa 185 sq.m. of office space off Morton's Lane 3. The provision of 4 no apartments of which 3 apartments are located on the second floor. Apartment 1: a two bed 84 sq.m. unit; Apartment 2: a 1 bed 58 sq.m. unit; Apartment 3: a 2 bed 83 sq.m. unit and the fourth apartment located in the loft area - a 3 bed 12 sq.m. unit. - The proposal includes connections to all existing services on site and all associated site works relating to this development at No 8 Main Street/Morton's Lane 'Wicklow Town, Co Wicklow. The planning application may be inspected or purchased, at a fee not exceeding the reasonable cost of making a copy, from Wicklow County Council at Wicklow County Buildings, Wicklow, during its public opening hours. A submission or observation in relation to the application may be made in writing to the planning authority on payment of the prescribed fee within the period of five weeks beginning on the date of receipt by the authority of the planning application.

WICKLOW COUNTY COUNCIL
DREYER ASSOCIATES ARCHITECTURE & URBAN DESIGN (0404-42818) acting on behalf of Pat & Mary Murphy make application to Wicklow County Council for Planning Permission for construction of new - part single storey, part two storey dwelling, garage, new sewage treatment system and new vehicle entrance together with all necessary ancillary works to facilitate this development at Killiskey, Ashford, Co. Wicklow. The planning application may be inspected, or purchased at a fee not exceeding the reasonable cost of making a copy, at the offices of the planning authority during its public opening hours and that a submission or observation in relation to the application may be made to the authority in writing on payment of the prescribed fee within the period of 5 weeks beginning on the date of receipt by the authority of the application.

PLANNING

WICKLOW COUNTY COUNCIL
We, Declan Cahill & Theresa Hatton seek permission for the construction of a 4 bedroom dormer bungalow with attached garage along with sewerage system to comply with EPA:2009 together with new entrance and all associated site works at Carrigacurra, Vallemount, Co. Wicklow. The planning application may be inspected or purchased at a fee not exceeding the reasonable cost of making a copy at the offices of Wicklow County Council, County Buildings, Wicklow during its public opening hours and a submission or observation in relation to the application may be made to the authority in writing on payment of the prescribed fee within the period of 5 weeks beginning on the date of receipt by the authority of the application.

WICKLOW COUNTY COUNCIL
Conor Miley and Stephanie Brown seek Permission for development at Lands adjacent to Station Road, Dunlavin, Co. Wicklow. The development will consist of a new dormer bungalow extension alongside the existing single storey cottage with a single storey flat roof glazed link. The planning application may be inspected or purchased at a fee not exceeding the reasonable cost of making a copy at the offices of Wicklow County Council, County Buildings, Wicklow during its public opening hours and a submission or observation in relation to the application may be made to the authority in writing on payment of the prescribed fee within the period of 5 weeks beginning on the date of receipt by the authority of the application.

WICKLOW COUNTY COUNCIL
Permission is sought for change of use at first floor from offices to 2 no. living units together with all ancillary works including connection to all public services at Castle Service Garage, Castle Street Bray for Castle Service Garage Ltd. The planning application may be inspected, or purchased for a fee not exceeding the reasonable cost of making a copy, at the offices of the Planning Authority during its public opening hours. A submission or observation in relation to the application may be made in writing to the Planning Authority on payment of a fee of €20.00 within the period of 5 weeks beginning on the date of receipt by the authority of the application. The Planning Authority may grant permission subject to or without conditions or may refuse to grant permission.

WICKLOW COUNTY COUNCIL
We, McAulay Rice Architects (0404 62178) intend to apply on behalf of Mr. Robert Doyle for retention permission for dwelling as constructed which includes a granny flat measuring 39.5 sq.m to basement area and a timber balcony, connection to services and all associated site works at No. 2 Ballyguilemore, Greenhill Road, Co. Wicklow. The planning application may be inspected or purchased, at a fee not exceeding the reasonable cost of making a copy, from Wicklow County Council at Wicklow County Buildings, Wicklow, during its public opening hours. A submission or observation in relation to the application may be made in writing to the planning authority on payment of the prescribed fee within the period of five weeks beginning on the date of receipt by the authority of the planning application.



APPLICATION TO THE ENVIRONMENTAL PROTECTION AGENCY
FOR A WASTE LICENCE

Notice is hereby given that Wicklow County Council, having its principal offices at County Buildings, Whitesgate, Wicklow Town, Co. Wicklow is making an application to the EPA for a waste licence in relation to the Pretty Bush Waste Soils Recovery Facility, at a site under its ownership in Kilquade, Killcoole, County Wicklow (National Grid Ref: 3290 E 2093 N Priestsnewtown townland).

The application is for the development of a waste soils recovery facility to facilitate the recovery of surplus dredging spoil generated as a result of the River Dargle Flood Improvement Works. Following clearance of vegetation from the site, up to 200,000 tonnes of inert dredging spoil material will be deposited at the site. Upon completion of placement and levelling of material, the site will be developed as an Eco-park for public access and use, with an upgraded entrance and other ancillary infrastructure, including temporary and permanent drainage works and dedicated Council yard. The management of dredge spoil material and its reuse as fill comprise the waste activity at the site.

The classes of activity to which this application relates, in accordance with the Fourth Schedule of the Waste Management Act 1996, as amended, are as follows:

Fourth Schedule

- | | |
|-----|---|
| R3 | Recycling or reclamation of organic substances which are not used as solvents (including composting and other biological processes). |
| R5 | Recycling/reclamation of other inorganic materials, which includes soil cleaning resulting in recovery of the soil and recycling of inorganic construction materials. |
| R13 | Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage (being preliminary storage according to the definition of 'collection' in section 5(1)), pending collection, on the site where the waste is produced). |

The principal activity will be R5.

An Environmental Impact Statement (EIS) and a Natura Impact Statement (NIS) will be submitted to the EPA to accompany this application. A copy of the waste licence application, the EIS and NIS, and such further information relating to the application as may be furnished to the Agency in the course of the Agency's consideration of the application will, as soon as is practicable after receipt by the Agency, be available for inspection on the Agency's website and be available for inspection or purchase from the headquarters of the Environmental Protection Agency, Johnstown Castle Estate, County Wexford.

It will also be available to inspect or purchase at the principal offices of Wicklow County Council during normal working hours.

PLANNING

WICKLOW COUNTY COUNCIL
Planning permission is sought for permission for a proposed new dwelling, Garage, effluent disposal system to current EPA standards, Well, proposed new entrance access, together with all ancillary site works at Mucklagh, Aughavannagh, Aughrim, Co. Wicklow. Signed: Sean O'Neill. The planning application may be inspected, or purchased at a fee not exceeding the reasonable cost of making a copy, at the offices of the planning authority during its public opening hours and a submission or observation in relation to the application may be made to the authority in writing on payment of the prescribed fee within the period of 5 weeks beginning on the date of receipt by the authority of the application.

WICKLOW COUNTY COUNCIL
Planning permission is sought for permission for a change of house type to that granted on Site No.13 under PRR:14/1336, together with all ancillary site works at Druids Avenue, Druids Glen, Newtownmountkennedy, Co. Wicklow. Signed: Gavin & Leonora Hunt. The planning application may be inspected, or purchased at a fee not exceeding the reasonable cost of making a copy, at the offices of the planning authority during its public opening hours and a submission or observation in relation to the application may be made to the authority in writing on payment of the prescribed fee within the period of 5 weeks beginning on the date of receipt by the authority of the application.

PLANNING

WICKLOW COUNTY COUNCIL
Alphalan Design - (Tel: 0404-64123 / 086-2461269 Email:

eugene@alphalandscape.com)- Seeks planning permission for retention of living accommodation to roof space and velux windows to roof and associated works at 8 Ashtown, Roundwood Co. Wicklow, for M. and J. Burke. The planning application may be inspected, or purchased at a fee not exceeding the reasonable cost of making a copy, at the offices of the planning authority during its public opening hours and a submission or observation in relation to the application may be made to the authority in writing on payment of the prescribed fee within the period of 5 weeks beginning on the date of receipt by the authority of the application.

WICKLOW COUNTY COUNCIL
Full planning permission is sought to construct a single storey extension to the side of existing single storey dwelling house, all ancillary site works and services at Englishtown, Kiltegan, Co. Wicklow on behalf of Seamus and Nuala Farrell. The planning application may be inspected or purchased at a fee not exceeding the reasonable cost of making a copy at the offices of Wicklow County Council, County Buildings, Wicklow during its public opening hours and a submission or observation in relation to the application may be made to the authority in writing on payment of the prescribed fee within the period of 5 weeks beginning on the date of receipt by the authority of the application.



SITE NOTICE

APPLICATION TO THE ENVIRONMENTAL PROTECTION AGENCY FOR A WASTE LICENCE

Notice is hereby given that Wicklow County Council, having its principal offices at County Buildings, Whitesgate, Wicklow Town, Co. Wicklow is making an application to the EPA for a waste licence for a waste soils recovery facility at this location in the townland of Priestsnewtown, Pretty Bush, Kilquade, Kilcoole, Co. Wicklow.

The application is for the development of a waste soils recovery facility to facilitate the recovery of surplus dredging spoil generated as a result of the River Dargle Flood Improvement Works. Following clearance of vegetation from the site, up to 200,000 tonnes of inert dredging spoil material will be deposited at the site. Upon completion of placement and levelling of material using appropriate plant and equipment, the site will be developed as an Eco-park for public access and use, with an upgraded entrance and other ancillary infrastructure, including temporary and permanent drainage works and dedicated Council yard. The management of dredge spoil material and its reuse as fill comprise the waste activity at the site.

The classes of activity to which this application relates, in accordance with the Fourth Schedule of the Waste Management Act 1996 as amended, are as follows:

Fourth Schedule

- R3 Recycling or reclamation of organic substances which are not used as solvents (including composting and other biological processes).
- R5 Recycling/reclamation of other inorganic materials, which includes soil cleaning resulting in recovery of the soil and recycling of inorganic construction materials.
- R 13 Storage of waste pending any of the operations numbered R 1 to R 12 (excluding temporary storage (being preliminary storage according to the definition of 'collection' in section 5(1)), pending collection, on the site where the waste is produced).

The principal activity will be R5.

An Environmental Impact Statement (EIS) and a Natura Impact Statement (NIS) will be submitted to the EPA to accompany this application. A copy of the waste licence application, the EIS and NIS, and such further information relating to the application as may be furnished to the Agency in the course of the Agency's consideration of the application will, as soon as is practicable after receipt by the Agency, be available for inspection on the Agency's website and be available for inspection or purchase from the headquarters of the Environmental Protection Agency, Johnstown Castle Estate, County Wexford.

It will also be available to inspect or purchase at the principal offices of Wicklow County Council during normal working hours.

2.7 Attachment B.7 Type of Waste Activity

In accordance with the Fourth Schedule to the Waste Management Acts 1996 to 2010, as amended by the European Communities (Waste Directive) Regulations, 2011, it is proposed to carry out the following classes of activity:

Waste Recovery Operations, in accordance with the Fourth Schedule of the Waste Management Acts 1996 to 2010, as amended by the European Communities Waste Directive Regulations (S.I. No. 126 of 2011)

R 3	<p>Recycling or reclamation of organic substances which are not used as solvents (including composting and other biological processes).</p> <p>The importation and placement of topsoil as part of the landscaping works for the Eco Park development.</p>
R 5	<p>Recycling/reclamation of other inorganic materials, which includes soil cleaning resulting in recovery of the soil and recycling of inorganic construction materials.</p> <p>The reclamation and recycling of dredge spoil material at the proposed site so as to raise existing ground levels for the development of a community Eco Park.</p>
R 13	<p>Storage of waste pending any of the operations numbered R 1 to R 12 (excluding temporary storage (being preliminary storage according to the definition of 'collection' in section 5(1)), pending collection, on the site where the waste is produced)".</p> <p>To allow for the storage of dredge spoil material (as well as topsoils/subsoils) prior to the placement of these materials.</p>

R5 is proposed to be the principal activity.

3 ATTACHMENT C – MANAGEMENT OF THE INSTALLATION

3.1 Attachment C.1 Technical Competence & Site Management

The proposed development will be operated by Wicklow County Council. The requirement for this licence is driven by the placement of waste dredge spoil material, which will be placed over an approximate 8 to 15-month period at the site, as part of the Construction Phase of the Kilquade Eco Park development.

To this end, the related construction phase/waste activity will be undertaken as part of the Eco Park development contract by an appointed Contractor, on behalf of Wicklow County Council.

It will be a requirement of the contract for the Eco Park development that the works will be carried out in full adherence with any waste licence that may be granted, with the appointed Contractor being required to employ an appropriately qualified Environmental Manager.

Wicklow County Council, as licensee, will approve the identified person and propose same to the EPA, for their approval, prior to the commencement of waste placement activities. Upon completion of all waste placement activities, Wicklow County Council Environment Department will undertake any and all required ongoing monitoring and other activities to satisfy the requirements of the waste licence, until such time as any licence may be surrendered with the approval of the Agency.

Name	Position	Duties and Responsibilities	Experience /Qualifications
Mr. Marc Devereux	Senior Engineer, Wicklow County Council	Appoint a suitably qualified contractor to carry out the construction phase	Senior Engineer, Wicklow County Council
To be appointed	Environmental Manager	Licence Compliance Management Implementation and monitoring of the CEMP	CV will be forwarded to EPA for approval prior to appointment

3.2 Attachment C.2 Environmental Management System

Given the proposed short duration (<2 years) for the carrying out of waste activities at the site, it is not proposed to development a specific environmental management system (EMS) for this site. Rather, a Construction & Environmental Management Plan will be developed to cover the construction (waste placement) period.

An Outline Construction & Environmental Management Plan (CEMP), to be developed in further detail upon appointment of the Contractor onsite, has been included in Appendix 2 of Volume 3 of the EIS which is included as Appendix 3 to these Attachments. The updated CEMP will be submitted to the EPA within a defined period after the granting of any licence.

3.3 Attachment C.3 Hours of Operation

During the Construction Phase of the proposed development, operations (waste acceptance, handling and all other activities) will be carried out onsite between:

- 07:00 to 19:00 Monday to Friday
- 07:00 to 13:00 Saturday

Post construction, and until licence surrender, the Pretty Bush Eco Park, while being a licensed facility, will be open to the public on a 24 hour, 7 day a week basis.

4 ATTACHMENT D - INFRASTRUCTURE & OPERATION

4.1 Attachment D.1 Infrastructure

Site infrastructure is described in the following sections as per the headings in the waste licence application form.

Drawing LW15-247-01-0500-001 Site Infrastructure shows the limited proposed infrastructure that will be located on site during the construction phase. The existing site layout is included in Attachment B.2 and LW15-247-01_Figure D.1-3 shows the proposed site layout. The remaining drawings/figures are located at the end of this Attachment D.1.

4.1.1 D.1.a Site Security

The site is not bound by fencing, other than for a short span adjacent to the main site entrance. The site is naturally bound by hedgerows, treelines and vegetation along its entire perimeter.

4.1.1.1 Site Access

The main site entrance is accessed directly from the local L1042 road via an existing agricultural type gate, which is set back approximately 8 m from the road edge.

A secondary access point to the site is located approximately 175 m east of the main entrance, adjacent to the Eir distribution building. This comprises an agricultural type gate, directly off the local L1042 road.

Access to the site during the construction phase will be via the existing main entrance that will be widened through the removal of existing fence posts to facilitate delivery vehicle movements. A temporary, secure gated entrance will be installed upon widening.

A more permanent entrance for the post construction period will be constructed during the construction phase, with permanent boundary treatment along the local roadside created.

Towards the end of the construction phase, as the Eco Park is being developed, a permanent entrance configuration shall be created to facilitate the future use of the site as an Eco Park, with permanent boundary treatment along the local roadside created. The existing ghost island (line markings) outside the site on the L1042 road will be modified to include the following:

1. Provision will be made for vehicles exiting the site to turn right without crossing illegally over the ghost island
2. Provision will be made for a defined crossing point for pedestrians to cross the L1042 to gain access to the park.

There is some further detail on site access in the EIS, Section 3.2.1 of Volume 2 which includes photographs of the site entrances. The proposed site entrance is shown in Drawing No. LW15-247-01-0100-008 Site Entrance.

4.1.2 D.1.b Design for Site Roads

The existing hardstanding surface of the maintenance depot will be maintained for the site compound. Parking provision for construction operative's vehicles will be provided within the site compound.

A temporary haul will be created during the site clearance phase. This haul route will run from the main site entrance to a central staging area and shall be constructed of imported crushed rock. A typical haul road detail is shown over.

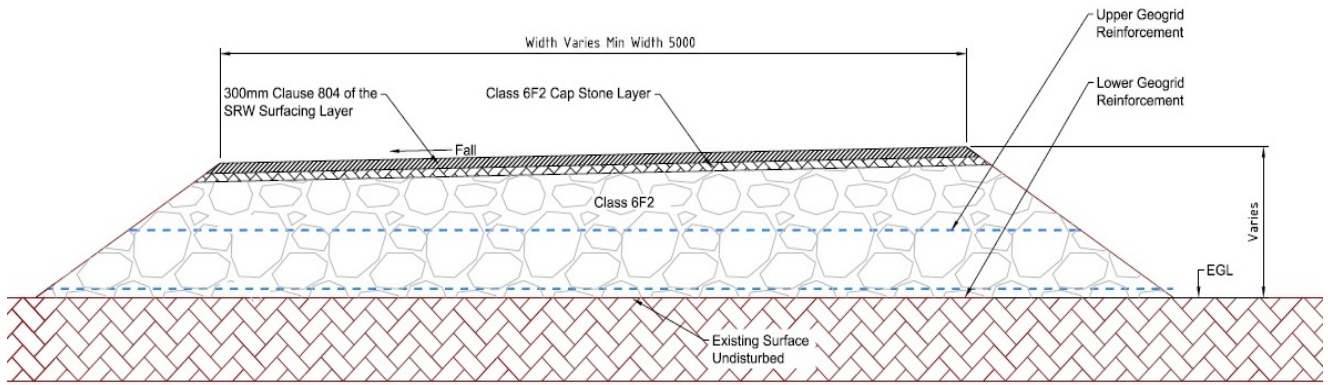


Figure D.1 1: Typical Haul Route Detail

4.1.3 D.1.c Hardstanding Areas

A hardstanding area is located directly within the main site entrance and is approximately 200 m². This site currently acts a mini depot for Wicklow County Council road maintenance activities. It is a compacted gravel area in which various piles of road dressing material are temporarily stored, prior to use by Wicklow County Council. This will be maintained as the site compound during the construction phase. It is shown as on the Site Infrastructure Drawing.

4.1.4 D.1.d Plant

Construction plant shall be utilised during the construction phase at the proposed facility, likely as follows:

- tracked excavators (or similar)
- dumpers
- loading shovels (or similar)

4.1.4.1 Weighbridge

There is currently no weighbridge installed at the site and no plans are in place to install a weighbridge at the site in the future.

4.1.5 D.1.e Dry Wheel Clean

A dry wheel clean system will be deployed to ensure cleaning of vehicles prior to leaving site. This system is based on a vibratory action as a delivery truck drives over a metals grid, thereby knocking debris from vehicles wheels. Examples of dry wheel clean systems are shown below.



(www.ecogreenplanthire.co.uk)

Figure D.1 2: Dry Wheel Clean System

In addition to the dry wheel clean system, a mobile road sweeper will be on constant operation at the site during the Construction Phase, to ensure that there is no impact from debris from haulage on the L1042 local road.

4.1.6 D.1.f Laboratory Facilities

Not applicable

4.1.7 D.1.g Fuel Storage

Refuelling of plant during construction will be carried out at a dedicated refuelling station on site, which will be a minimum of 100 m from any watercourse. The station will be fully equipped for a spill response and a specially trained and dedicated environmental and emergency spill response team will be appointed before commencement on site. Drip trays and spill kits will be kept available on site, to ensure that any spills from the vehicle are contained and removed off site. Only emergency breakdown maintenance will be carried out on site and appropriate containment facilities will be provided to ensure that any spills from breakdown maintenance vehicles are contained and removed off site.

Any diesel or fuel oils stored at the temporary site compound will be bunded. The bund capacity will be sufficient to contain 110% of the tank's maximum capacity. Where there is more than one tank within the bund, the capacity will be sufficient to accommodate 110% of the largest tank's maximum capacity or 25% of the total maximum capacities of all tanks, whichever is the greater. Design and installation of fuel tanks will be in accordance with best practice guidelines BPGCS005 (Oil Storage Guidelines).

4.1.8 D.1.h Waste Quarantine Areas

In the case of suspicion of contamination of incoming dredge spoil material (from visual inspection) the waste shall be directed to a designated Waste Quarantine Area to be located in a dedicated area adjacent to the staging area. Waste shall be stored under appropriate conditions in the quarantine area to avoid any nuisance or objectionable condition. The origin and nature of this material shall be examined and should any error or inconsistency be identified; the waste shall be rejected. The waste quarantine area is shown on the Site Infrastructure Drawing.

4.1.9 D.1.i. Waste Inspection areas

Inspection of the incoming dredge spoil material shall be undertaken in the central staging upon delivery, prior to stockpiling and/or placement. The location of which is shown on the Site Infrastructure Drawing.

4.1.10 D.1.j Traffic Control

The following is an extract from the Outline Construction & Environmental Management which has been included in Appendix 2 of Volume 3 of the EIS which is included as Appendix 3 to these Attachments.

This document is the Outline Construction Traffic Management Plan (CTMP) for the proposed development. The Construction Traffic Management Plan shall be finalised in accordance with this outline plan following the appointment of the contractor for the main construction works.

Please note that some items in this plan can only be finalised with appropriate input from the contractor who will actually carry out and schedule the works. Furthermore, it is appropriate that the Project Supervisor Construction Stage (PSCS), when appointed, should have an active role in the preparation/review of the Traffic Management Plan. This plan should be read in conjunction with Section 9 Traffic and Transportation of the EIS.

The contractor is required to prepare the necessary Site Specific Traffic Management Plans prior to the construction works commencing in accordance with Chapter 8 of the Traffic Signs Manual and subject to load permits. The contractor will be responsible for the implementation of all requirements of the Roads Authority.

As with any construction development project, the transport of materials onto the site will give rise to increased traffic and associated impacts. However due to the very nature of construction these impacts will be temporary.

Public perception of the construction phase will be influenced primarily from the impact of traffic movements. The degree of traffic disturbance caused by the construction phase depends on the volume of material imported/exported, the associated civil engineering requirements and the length of the construction period.

This Outline Construction Traffic Management Plan (CTMP) deals with the traffic generated during the construction of the proposed development. It concentrates on the traffic arising from each element of the works which includes the site clearance works, the material importation phase and the Eco Park development works.

Construction traffic will require regular access to the site at varying times throughout the construction phase. The aim of this CTMP is to put in place procedures to manage traffic effectively on site and in the immediate vicinity of the development, to ensure the continued movement of traffic on the public roads and to minimise disturbance during transportation of materials. The correct implementation of this CTMP will ensure that appropriate procedures are in place to minimise any effects on the safety and movement of the general public.

Prior to the commencement of construction, the CTMP will be reviewed by the main contractor (and any sub-contractors), and will be updated as necessary.

4.1.10.1 Construction Staging

In terms of traffic impacts, it is proposed to carry out the project in a number of phases, with an overall construction programme expected of between 12-24 months. The most intensive period of traffic will be associated with the material importation phase, which in a worst case i.e. shortest duration scenario will occur over an 8-month period.

Construction operations shall generally be restricted to between 07:00 to 19:00 Monday to Friday and 08:00 to 13:00 Saturday.

Construction commencement dates are yet to be confirmed at this stage; these will be made known to the Planning Authority by way of formal Commencement Notice.

Road Improvements and Modifications

During the construction phase, the existing ghost island (line markings) outside the main entrance will be modified to allow for vehicles exiting the site to turn right without crossing the ghost island illegally.

These improvement works are required; to facilitate the delivery of material to the site,

Refer to Section 9 of the EIS and planning drawings for details of the construction phase road modifications.

Access to/from the National Road Network

Site Access

All construction traffic will use the L1042 local road from the R761 to gain access to the proposed development and will enter through the existing entrance road to the site, which will be widened as part of the construction works, prior to development of a new Eco Park entrance.

Section 9 of the EIS presents the proposed haul route for the material from the River Dargle Flood Defence Scheme that will be the only route used for importation of the dredge spoil. Other construction related traffic may utilise other routes than this but this traffic will be limited to cars or LGVs. All HGV traffic will be required to access the site via the L0142 from the R761 only.

Road Cleaning

Public roads shall be kept free of mud, dust, spillages and debris from the construction site, construction plant or haulage vehicles. A dry wheel clean system will be deployed to ensure cleaning of vehicles prior to leaving site. In addition to the dry wheel clean system, a mobile road sweeper will be operated during the Construction Phase on the L1042 local road.

Construction Plant and Vehicles

The typical construction plant and vehicles accessing the development site may include:

- Excavator (brought to site via articulated lorry)
- Dump Trucks (brought to site via articulated lorry)
- HGV tipper lorries for dredge spoil and topsoil importation
- General construction material delivery vehicles e.g. flatbed LGV
- Private vehicles of those employed on site for the construction phase

It should be noted however that final selection of construction plant and vehicles may vary depending on suitability, availability, contractor's choice, etc.

Plant operators will be responsible for the upkeep and maintenance of construction plant and vehicles, ensuring good working order prior to use. Should emergency maintenance need to be carried out on site, this will be carried out at a designated area away from sensitive receptors and will ensure that a spill kit is nearby.

Parking for all site staff vehicles during the Construction phase will be provided adjacent to the construction compound.

Consultation and Notification

Traffic Management Co-ordinator

The Contractor will appoint a dedicated competent Traffic Management Coordinator for the duration of this project and this person will be the main point of contact for all matters relating to traffic management on the project.

Induction

Prior to the works commencing, the Traffic Management Coordinator will carry out an induction for the dredge spoil haulage contractor staff to inform them of the traffic requirements in relation to this intensive period of vehicle movements. Traffic consideration shall form part of the induction process for all site staff also.

An Garda Síochána

Following the appointment of the successful contractor for this project, this Outline Transport Management Plan shall be finalised following the appointment of the contractor for the main construction works. The Traffic Management Coordinator will liaise directly with An Garda Síochána in relation to the plan and any concerns/requirements they have will be incorporated in to the plan. The necessary permits (including approved route permits) will be applied for and obtained from An Garda Síochána.

County Council

The contractor will liaise directly with Wicklow County Council Roads Department in relation to the plan and any necessary permits (including standard permits) will be applied for and obtained from the Roads Department.

4.1.11 D.1.k Sewerage and Surface Water Drainage

4.1.11.1 Surface Water Drainage

Drawing LW15-247-01- 0100-105 Site Drainage shows the proposed drainage at the site, it is included at the end of this attachment.

Two drainage routes exist through the site at present, and these will be preserved in the layout for Pretty Bush Eco Park. Both of these drainage routes convey overland flows towards the Kilcoole Stream. These are both described below.

The primary drainage route on the site runs from the north-west of the site towards the south-east. This watercourse will be re-profiled as it lies within the portion of the site where materials will be placed. The filled areas will be designed such that continuity is provided along this drain where it runs from the buffer zone towards the area subject to filling. A settlement pond will be constructed in-line with this stream at the downstream reach to allow any suspended solids to be removed from the runoff before being discharged via overland flow.

Another watercourse in the form of a small ditch runs along the eastern boundary of the site from north to south, where it joins with the watercourse described above before draining towards the Kilcoole Stream. This watercourse is in the buffer zone and as such no material will be placed in its vicinity.

In addition to the above drawing and information, there is further design detail in Chapter 13 of Volume 2 of the EIS and included in Appendix 20 of Volume 3 of the EIS. Volume 2 and 3 of the EIS are included as Appendices 2 and 3 to these Attachments. Drainage ditches/swales are specified to convey overland flows southwards and reduce the potential for erosion on the imported material. It is anticipated that these ditches would be shallow (<400m) and have shallow side-slopes.

There is the potential for increased sediment to enter the drains on site due to the uncompacted nature of the soils to be deposited on the site during the construction stage. Silt Protection Controls (SPCs) are proposed at the location of the drain crossings. It is recommended that the SPCs will consist of a minimum of silt traps containing filter stone and filter material staked across the width of the swales and upstream of the outfall to any watercourse.

Site drainage, including silt traps and stilling ponds, will be put in place in parallel with or ahead of construction, such that placement of materials and construction of new infrastructure will have a functioning drainage system in place.

4.1.11.2 Drainage of Temporary Site Compound

The proposed location of the Temporary Site Compound is shown in the Site Infrastructure Drawing. The compound will be set back from the drain that runs alongside the eastern site boundary. Drains around the hard-standing areas of the site compound will be in the form of shallow swales to minimise the disturbance to sub-soils.

Filter drains may be used where trafficking by site staff is required to access the temporary site compound. The filter drains/swales will drain to a stilling pond.

4.1.11.3 Drainage of Stockpiled Material

Any stockpiles of material will be set back a minimum of 50m from the stream at the eastern site boundary. It is proposed to drain all exposed surfaces and imported material to settlement ponds. At the upslope side of any stockpiles, interceptor drains will be constructed where required to prevent ingress of water into stockpiled material.

Stockpiles on site will be kept to a minimum of 2m in height, and will be profiled such that runoff from the stockpiles is directed towards a silt trap or 'dirty water' drain.

Reinstated areas and berms will be re-planted as per Section 3.3.6 of Volume 2 of the EIS (in Appendix 2 of these Attachments), and further measures will be undertaken, in the form of erosion control matting for example if deemed to be required.

4.1.11.4 Construction Stage Settlement Pond

A settlement pond will be provided at the south of the site as shown in the drawing. This is sized at 18m x 14m, with a depth of 1m. Prior to discharge via diffuse overland flow, runoff from the imported materials on the site will pass via the site drainage system through this settlement pond in order to minimise the suspended solids and protect the receiving watercourses.

4.1.11.5 Sewerage

Portaloos and/ or containerised toilets and welfare units with storage tanks will be used to provide toilet facilities for site personnel during construction. The sanitary waste will be removed from site by a licensed waste disposal contractor. All portaloos located on site during the construction phase will be operated and maintained in accordance with the manufacturer's instructions, and will be serviced under contract with the supplier. All such units will be removed off-site following completion of the construction phase. There will be no permanent sanitary facilities provided for the proposed development.

4.1.12 D.1.I All Other Services

For the duration of the construction works, a temporary electrical connection to the site shall be provided through consultation with the ESB, to provide electrical power to the site offices. A temporary underground storage tank shall be installed adjacent to the site Porto Cabin to capture wash waters from the site welfare facilities. This tank shall be emptied on a regular basis under contract with an approved waste management contractor.

Chemical toilets will be provided within the site compound for staff use which will be regularly emptied under contract.

4.1.13 D.1.m Plant Sheds and Garages

The existing area currently used as a maintenance depot will be used as a temporary site compound location during the construction phase. A Porto cabin structure or mobile welfare units will be installed to act as site office, canteen and welfare facility. A shipping container type structure will also be located in the compound for storage.

4.1.14 D.1.n Site Accommodation

The temporary site compound may be used as site accommodation during the construction phase. Post construction, no site accommodation shall remain.

4.1.15 D.1.o Fire Control

Fire extinguishers will be placed in the temporary offices and canteen Porto cabins. The nature of the waste material which is to be handled on site is not a fire hazard. No specific fire control measures are therefore required.

4.1.16 D.1.p Civic Amenity Facilities

Not Applicable, no other waste recovery infrastructure is proposed.

[4.1.17 D.1.g Any Other Recovery Infrastructure](#)

Not Applicable, no other waste recovery infrastructure is proposed.

[4.1.18 D.1.r Composting Infrastructure](#)

Not Applicable, no other waste recovery infrastructure is proposed.

[4.1.19 D.1.s C&D Infrastructure](#)

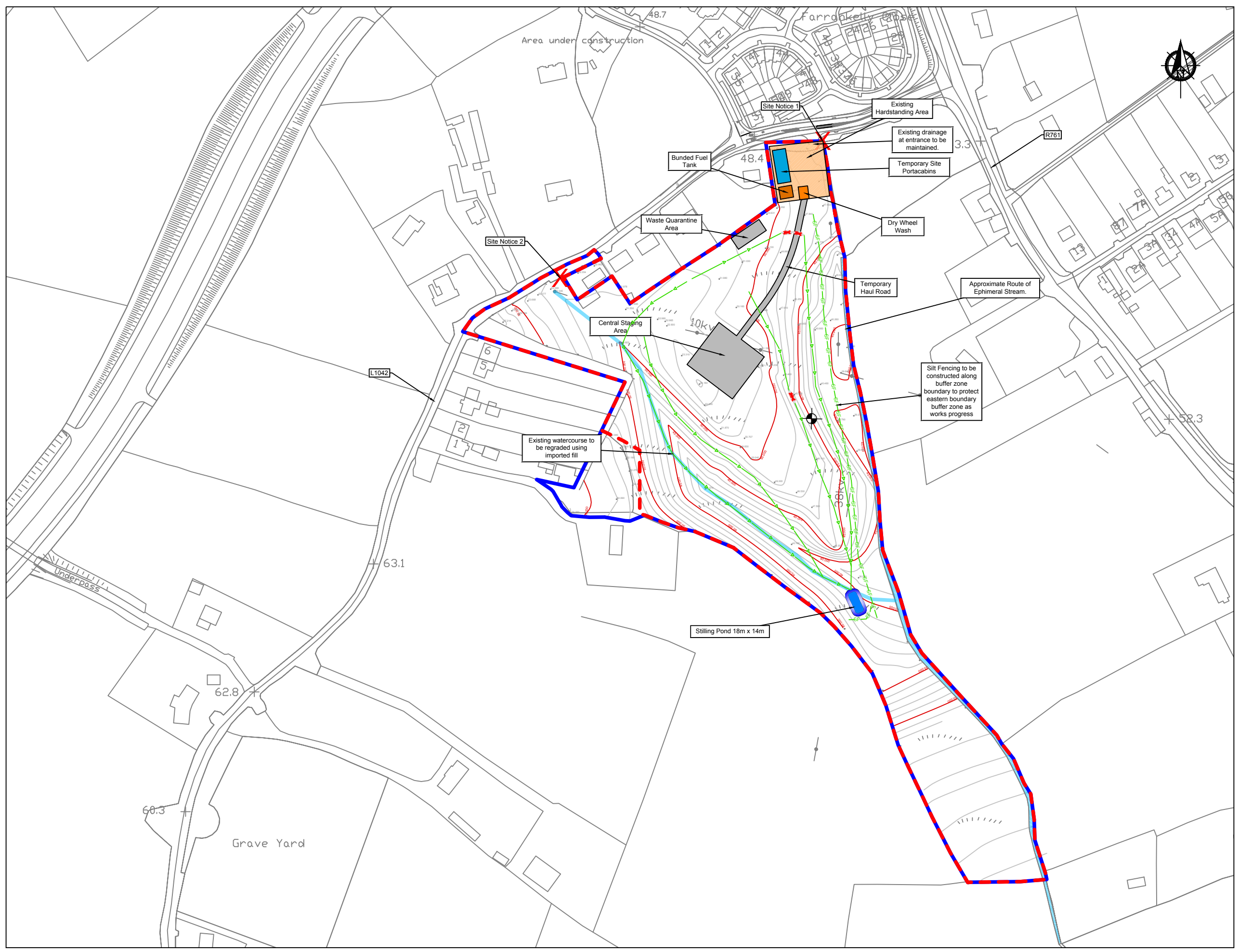
Not Applicable, no C&D infrastructure is proposed.

[4.1.20 D.1.t Incineration Infrastructure](#)

Not Applicable, no incineration infrastructure is proposed.

[4.1.21 D.1.u Any Other Infrastructure](#)

Not Applicable, no other infrastructure is proposed.



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LEGEND:

- Irish National Grid Reference Location = 329000 E, 209300 N
- Waste Licence Boundary
- Ownership Boundary
- Track
- Existing Watercourses

DRAINAGE LEGEND:

- Drainage Ditch
- Silt Fencing
- Stilling Pond with Diffuse Outflow
- Proposed cross drain

Note: The Central staging area will be the location for waste inspection, waste acceptance and temporary stock piling.

Rev.	Drawn	Checked	App'd	Rev Origin	Date	Description
A	GW	RR	DM	Cork	30.09.16	WASTE LICENCE APPLICATION

INFORMATION

Name of Client
WICKLOW COUNTY COUNCIL

Name of Job
PRETTY BUSH WASTE SOILS RECOVERY FACILITY & ECO PARK

Title of Drawing
SITE INFRASTRUCTURE LAYOUT

Scales Used
1:2500

Dwg. No.
LW15-247-01-0100-105

Rev. No.
A

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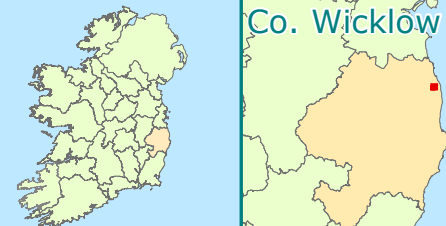
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SITE INFRASTRUCTURE LAYOUT
Scale 1:2500



Includes Ordnance Survey Ireland data reproduced under OSI License number 2016/35CCMA/Wicklow County Council. Unauthorised reproduction infringes Ordnance Survey Ireland and Government of Ireland copyright. © Ordnance Survey Ireland. 6" Map Sheet WW013, OsMap No's 3732-A, 3732-B, 3732-C, 3732-D



- Legend**
- Waste Licence Boundary
 - Buffer Zones
 - Non-Fill Area
 - Fencing
 - Bottom of Bank
 - Eco-Walk Track
 - 5m Contours
 - 1m Contours

Date	16/09/2016	
Client Name	Wicklow County Council	
Project Title	Waste Licence, Planning & EIS for Waste Soils Recovery Facility	
Figure Title	Proposed Pretty Bush Eco-Park Layout	
Figure No.	D.1-3	Rev. A
Scale	1:2,500	@ A3



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4.2 Attachment D.2 Facility Operation

The activities that will occur at the soil recovery facility are listed as:

- D.2.1 Site Clearance Works
- D.2.2 Waste Placement Activities
- D.2.3 Eco Park development
- D.2.4 Kilquade Eco Park

4.2.1 D.2.1 Site Clearance Works

Please refer to LW15-247-01_Figure D.2-1 Site Clearance Phasing Plan in this attachment.

In order to facilitate the development of the Eco Park and to accommodate the placement of the dredge spoil material, it is considered that approximately 80% of the existing vegetation onsite will be removed.

Vegetation removal is required as, were dredge spoil material to be directly placed on top of existing vegetation, there would be potential for leachate generation when the vegetation decomposes. Therefore, the site must first be cleared of vegetation to prevent this.

Means of Clearance

In order to ensure the most efficient and environmental removal of vegetation, the removal of the vegetation will be carried out in two steps that will run concurrently:

- Firstly, the existing vegetation will cut at the roots using a chain saw (or similar). This vegetation will be temporarily set aside prior to shredding on site.
- Secondly, the roots and stumps of the vegetation will then be pulled up and stockpiled, prior to removal from site.

The removal of vegetation will principally be undertaken by hand with the use of slash hooks, chainsaws and other hand tools. A number of items of plant will also be used in clearance work for the loading and movement of material, for the removal of roots and for the feeding of the shredder. Plant expected to be utilised onsite are:

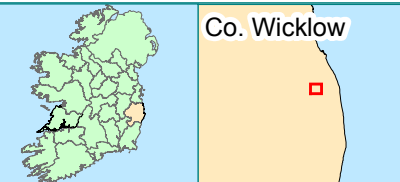
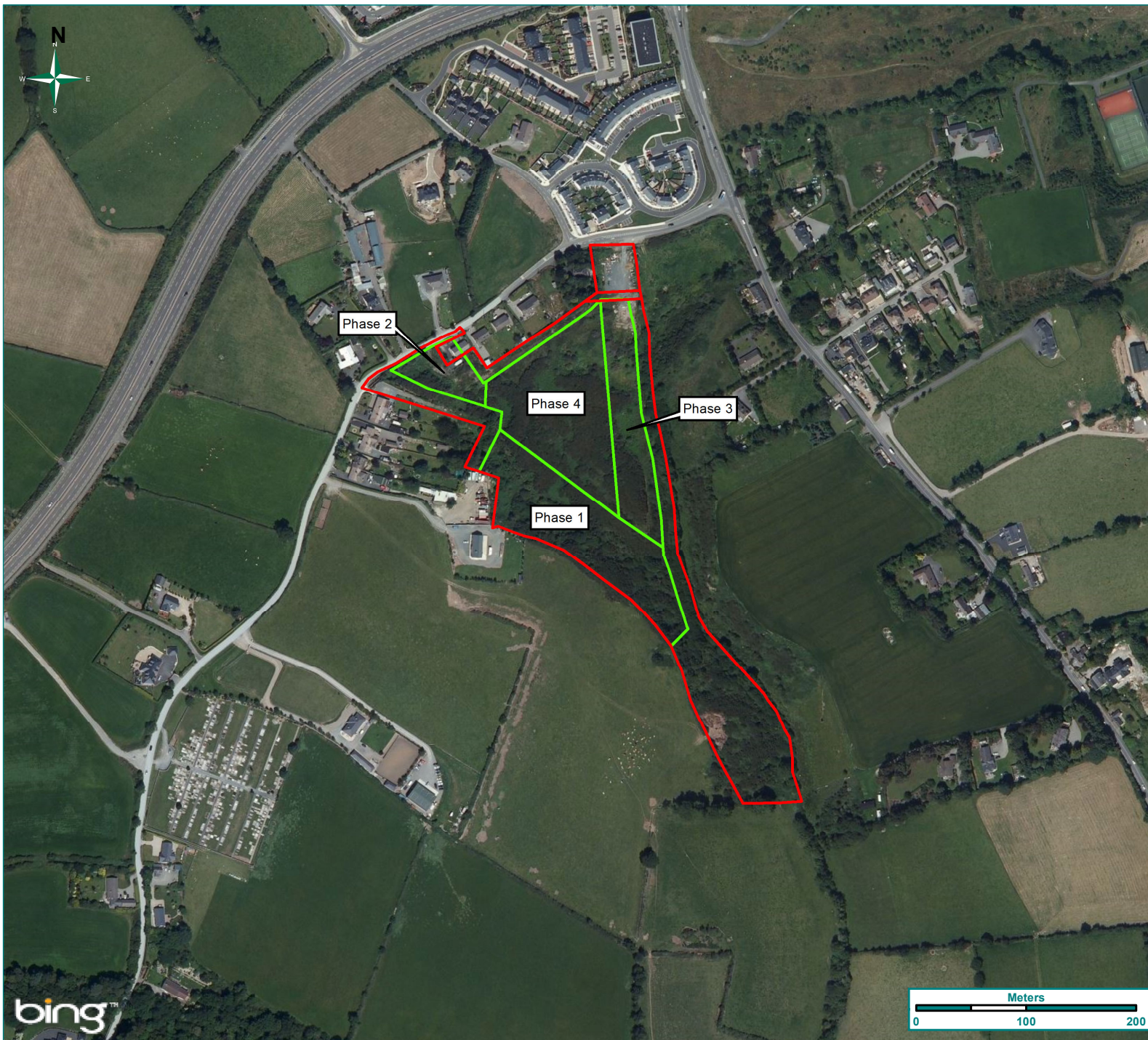
- 1 no. 13.5 tonne tracked excavator (or similar)
- 1 no. dumper
- 1 no. loading shovel with grab attachment (or similar)

Phases of Clearance

Site clearance will be undertaken in phases, commencing with the material accessible immediately at the main site entrance and working inwards (south to south west) to the site. An area will firstly be cleared on a centralised, flat location of the site that will be used as the staging area for the clearance works, and thereafter for placement works. A quantity of virgin rock/gravel will be imported for construction of a temporary access route to the centralised staging area. Vegetation cleared in the construction of the staging area will be temporarily stockpiled in the area prior to shredding.

As referenced above, the Site Clearance Plan drawing presents the site clearance phasing plan. It should be noted that an area of 11,650 m² (1.16 ha) at the southernmost portion of the site is not proposed for clearance in order to provide ecological mitigation. In addition, a 15 m buffer of existing vegetation will be maintained along the eastern boundary, the north western and the western boundaries (behind existing residences) as a screening and ecological mitigation measure.

From the central staging area, clearance will extend to the eastern and western boundaries, prior to working in a southerly direction as far as the southern portion of the site that will not be cleared. Where deposits of topsoil are identified during clearance, this material will be scraped back and stockpiled adjacent to the staging area for utilisation post placement of the dredge spoil material.



Legend

- Waste Licence Boundary
- Phased Clearance Areas

Date	16/09/2016	
Name Of Client	Wicklow County Council	
Name Of Job	Waste Licence, Planning & EIS for Waste Soils Recovery Facility	
Title Of Figure	Site Clearance Phasing Plan	
Scale Used	1:5,000 @ A4	
Figure No.	D.2-1	Rev A



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Shredding

A mobile shredder shall be located within the centralised staging area for the duration of the clearance works. A typical mobile shredding unit is shown below.



Photo D.2 1: Typical Shredding unit (www.doppstadt.com)

Vegetation cleared will be brought to this area using the dumper and stockpiled until there is a sufficient quantity of material for shredding. The loading shovel will feed the shredder and the shredded vegetation will then be loaded directly to an 8 wheel tipping truck (or similar) for removal offsite to an authorised waste management facility for composting. Roots or stumps not suitable for shredding will be loaded directly to the tipping truck.

It is estimated that 1 vehicle trip per hour will result from the movement of shredded and un-shredded material offsite for the duration of the clearance works.

4.2.1.1 Duration of Clearance Works

It is envisaged that the site clearance works will be undertaken in a 6 – 8-week period. The shredding activities will vary depending on the nature of the vegetation and the throughput of the shredder but a conservative assumption will see shredding occurring for up to 6 hours per day.

4.2.2 D.2.2 Waste Placement Activities

Following site clearance, the placement of dredge spoil materials from the River Dargle Flood Scheme works will commence.

Material shall be transported from its location at the River Dargle Flood Scheme works along an identified haul route to the Kilquade site. Vehicles shall enter the site via the existing main entrance which shall be widened temporarily to facilitate vehicle movement, and material shall be brought to the central staging area that was previously used for the site clearance.

A stock pile of material shall be maintained to feed placement activities. Plant expected to be utilised onsite during the material placement phase are:

- 2 no. 13.5 tonne tracked excavator (or similar)
- 2 no. dumpers
- 1 no. loading shovel (or similar)

4.2.2.1 Waste Acceptance & Handling

A Waste Acceptance Plan has been developed and is included in has been included in Appendix 1 of Volume 3 of the EIS which is included as Appendix 3 to these Attachments. This plan addresses a number of topics, summarised in the following.

4.2.2.2 Waste Identification and Characterisation

The approach to waste acceptance at the site is informed by previous EPA waste soils recovery facility licences³ and the approach taken in considering the degree of characterisation/classification to be undertaken for each material type to be accepted. This approach is based on that taken by the EPA in relation to Article 27⁴ by-product notification for soil and stones.

This is based on the classification of the dredge spoil/soil & stone material as either 'greenfield soil/stone' and 'non-greenfield soil/stone'.

Greenfield soil/stone is defined as "*soil and stone from land that has not been previously developed and is not contaminated soil and stone*"⁵ while non-greenfield soil and stone is defined as "*soil and stone that is not greenfield soil and stone.*"

Both types of material to be accepted at the facility i.e. 20 02 02 & 17 05 06 will originate from lands that have not been previously developed and as such will be "greenfield soils/stone".

Based on the identification of the waste to be accepted at the site as "greenfield soils" and in keeping with conditions applied in recent EPA licence for similar type developments, the waste acceptance criteria to be applied on site are as follows:

- Prior to placement of dredge spoil material at the site, a letter of suitability, as to the nature and suitability of the material for placement, shall be provided by a suitable person⁶ for the first 10,000 tonnes of material and a further letter of suitability shall be provided for each subsequent 10,000 tonnes of material.

4.2.2.3 Waste Characterisation

Basic characterisation will be carried out at the Kilquade facility on a weekly basis on a randomly selected delivery each of dredge spoil, sub soil and top soil.

Information to be recorded will include:

- source and origin of the waste
- vehicle registration
- origin of waste
- physical appearance of the waste (smell, colour, physical form)
- photographs
- classification code according to European waste list (CD 2014/995/EC)
- load number

A log of the weekly characterisations shall be maintained and kept on site for the duration of the works and for a period as required by the Agency in the facility licence. Should further basic characterisation be required by the EPA, as part of the facility licence, this will be agreed in advance with the Agency.

³ W0272-01, Milverton Waste Recovery Facility; W0277-01, Huntstown Inert Waste Recovery Facility; W0280-01, Brownswood Inert Waste Recovery Facility

⁴ of the European Communities (Waste Directive) Regulations (S.I. No. 126 of 2011)

⁵ Contaminated soil and stone is defined as "soil and stone that contains anthropogenic or man-made substances (such as rubble, concrete, bricks, metal and bitumen), that are not natural to the environment from which the material was extracted"

⁶ A suitable, qualified, trained and experienced person who is a registered professional with chartered status (or equivalent) awarded by a relevant professional body and who has the requisite knowledge and experience required to issue a letter of suitability.

4.2.2.4 Weighing of dredge spoil material

Given the homogeneity of the materials to be accepted at the facility, it is proposed that weighing of loads be carried out on an intermittent basis during the haulage phase to verify weights of material being transported. The haulage of the dredge spoil material will be undertaken under contract through a tendering process and Wicklow County Council, as awarding entity, will stipulate within the contractual documentation, the requirement for diversion of a set number of haulage trucks to a designated Council weighing facility, over the duration of the haulage contract, suggested at one per day for the first month of the haulage contract, reducing thereafter.

This will provide certainty to Wicklow County Council in terms of verification of contractual obligation with the selected haulage contractor, as well as providing sufficient data to the EPA as part of the applicable waste licence information recording.

4.2.2.5 Waste Acceptance Procedures

The following procedures will be followed when accepting dredge spoil and topsoil materials at the Kilquade site.

1. Waste shall only be accepted at the facility from holders of valid waste collection permits issued under the Waste Management (Collection Permit) Regulations 2007, as amended, unless exempted or excluded.
2. Waste shall only be accepted at the facility from known contractors in accordance with any contract assigned by WCC for the haulage of dredge spoil and topsoil. No other third party waste shall be accepted at the facility.
3. Waste arriving at the facility shall be visually inspected (on-site verification) before and after unloading to confirm the nature of the waste and that it is as allowed for under the facility licence.
4. The documentation of waste arriving at the facility shall be checked at the point of entry to the facility. Subject to its verification, the truck number waste shall be recorded, a weighbridge docket provided to the gate attendant if applicable, and directed to its appropriate location onsite, as appropriate.
5. In the case of suspicion of contamination (from visual inspection) the waste shall be directed to a designated Waste Quarantine Area. Waste shall be stored under appropriate conditions in the quarantine area to avoid any nuisance or objectionable condition. The origin and nature of this material shall be examined and should any error or inconsistency be identified; the waste shall be rejected.
6. Rejected waste shall be removed from the facility at the earliest possible time to an off-site authorised facility.

In addition, measures for protection in relation to invasive species will be implemented. There are further details on this in Section 11 of the EIS (included as Appendix 2 to these attachments).

4.2.2.6 Material Balance

Up to 100,000 m³ of dredge spoil is to be accepted for placement at the site. Laboratory tests indicate an average density of c. 2 tonnes/m³, for this material, indicating an input tonnage of up to 200,000 tonnes.

No 'cut' of material is proposed i.e. no excavation of soil/rock, other than limited soils removal (for subsequent replacement on site) during site clearance.

4.2.2.7 Waste Placement Phasing Schedule

LW15-247-01_Figure D.2-2 Material Placement Phasing Plan presents the approximate phasing in which material placement will occur.

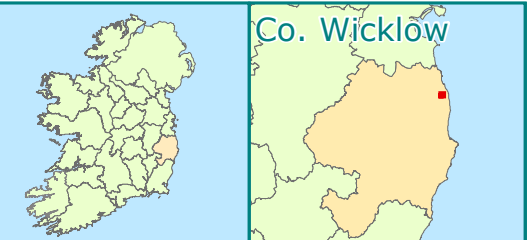
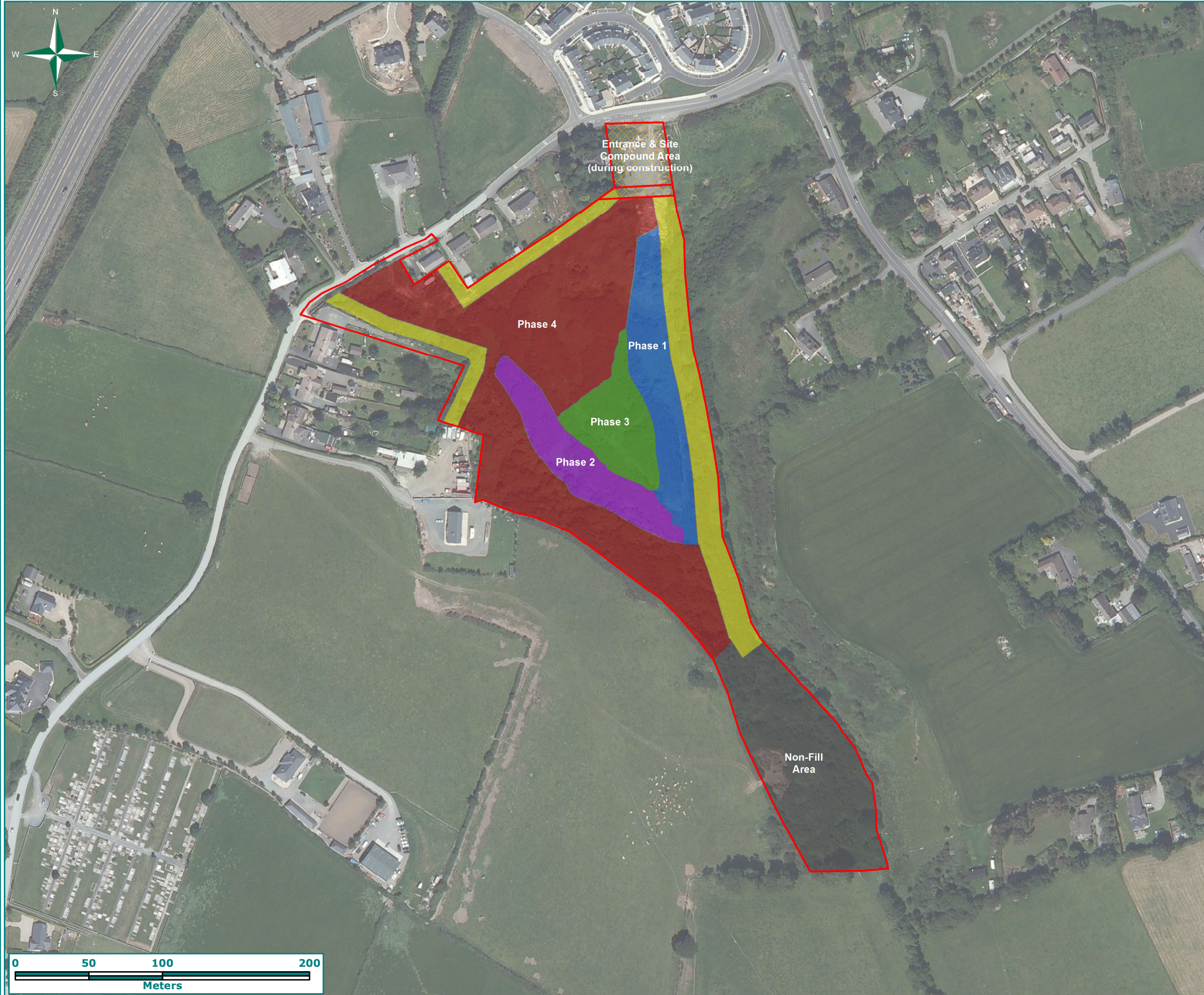
Material stockpiled within the central staging area will be loaded into the dumper using the loading shovel, brought to the placement location and tipped, where it will be spread, compacted and graded using the excavator. 2 no. excavator will work simultaneously per phase.

Incoming dredge spoil material will be placed in 300 mm layers, with a number of layers being applied on each other. A 200 mm layer of topsoil, either imported to site or reclaimed from the site during the site clearance works, will be applied to the dredge spoil material during placement, in order to attain the finalised contours.

Initially, this topsoil will be grass seeded upon application in order to mitigate potential sediment control and improve slope stability, prior to the planting activities to be undertaken as part of the Eco Park development.

4.2.2.8 Construction Phase – Entrance & Local Road Improvements during Site Clearance and Placement phases

Improvements to the site entrance and local road will be made during the construction phase – initially during the site clearance and placement phases, the existing gated entrance to the site will be widened and temporary fencing erected in order to facilitate trucks removing cleared material and delivering dredge spoil. Temporary traffic management systems shall be put in place as part of the traffic management plan to manage vehicle ingress and egress during construction.



Legend

- Waste Licence Boundary
- Buffer Zones
- Entrance & Site Compound Area (during construction)
- Non-Fill Area
- Phase 1
- Phase 2
- Phase 3
- Phase 4

Date	16/09/2016	
Client Name	Wicklow County Council	
Project Title	Waste Licence, Planning & EIS for Waste Soils Recovery Facility	
Figure Title	Material Placement Phasing Plan	
Figure No.	D.2-2	Rev. A
Scale	1:2,500	@ A3

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4.2.3 D.2.3 Eco Park Development

Upon completion of the dredge spoil material and topsoil placement, with subsequent grassing, the development of the Eco Park will commence. The time of year for the completion of the material placement works will influence the programme for the Eco Park development as planting of vegetation can occur only at certain times of the year.

The Eco Park development will comprise:

- Planting of the site in accordance with the Landscaping Plan
- Development of the site entrance, parking area and associated drainage
- Installation of various walkways throughout the Eco Park
- Installation of waymarkers and information signs

The layout of the proposed Eco Park is provided in Attachment D.1, while detail of the Landscaping Plan is provided in Figure 3.9 of the EIS (Appendix 2 to these Attachments).

4.2.3.1 Landscaping Plan

There is further detail on the Landscaping Plan in Section 3.3.6 of the EIS (Appendix 2 to these Attachments). A summary is included below.

Proposed Tree Planting

It is proposed to plant 7 oak trees and 27 hawthorn and mountain ash extra heavy standard trees. These trees will be a minimum of 4m in height, root balled and 14-16cm in girth.

Proposed Hedgerows

It is proposed to plant 30m of native hedgerow. The proposed hedgerows will be planted as a double staggered row of plant (6 plants per linear metre). Species will include c. 100 hawthorn, c. 40 holly and c. 40 blackthorn. Plants will be a minimum of 90cm tall when planted.

Planting Mix 1 - Areas of gorse, elder, guelder rose

These areas will be planted with a mixture of gorse, elder, guelder rose. C. 1,100 of each species will be planted in groups of 50. Total number of plants c. 4,400.

Planting Mix 2 - Areas of shrubby willow, elder and hazel and blackthorn.

These areas will be planted with a mixture of shrubby willow, elder and hazel and blackthorn. C. 2,300 of each species will be planted in groups of 50. Total number of plants c.9,200.

Planting Mix 3 - Areas of wildflower

These areas (10,000 m²) will be sown with pure Irish native wildflower (no grasses) seed mix at a rate of 3g per metre squared (30 kg). Final meadow will be cut and removed every 1 to 3 years.

4.2.3.2 Site Entrance

Towards the end of the construction phase, as the Eco Park is being developed, a permanent entrance configuration shall be created to facilitate the future use of the site as an Eco Park, with permanent boundary treatment along the local roadside created.

The entrance shall facilitate access of small Wicklow County Council light goods vehicles (LGVs) that will access an open area of c 200 m², directly south of the entrance. This open area shall be gravel surfaced and used for primarily for ad-hoc Council storage activities.

In relation to amendments to the existing local L1042 road, the existing ghost island (line markings) outside the site will be modified to include the following:

1. Provision will be made for vehicles exiting the site to turn right without crossing illegally over the ghost island
2. Provision will be made for a defined crossing point for pedestrians to cross the L1042 to gain access to the park.

4.2.3.3 Walkways, Waymarkers and Information signs

Footpaths/walkways of the Eco Park shall be developed, which will display permeable properties so as not to increase surface water run-off from the site. Up to 1.3 km of walkways will be provided which will meander through the Eco Park, as shown the proposed layout (Attachment D.1). A variety of path surfacing will be considered during the detailed design process and options will include:

- Hoggin path - compactable groundcover that is composed of a mixture of clay, gravel, and sand or granite dust - once laid, the surface is permeable to water and therefore does not easily hold puddles or generate rapid surface runoff
- Mulch path - Bark, wood chips and other types of organic mulch make soft paths that blend well with natural settings
- Gravel path - washed gravel, crushed stone or smooth pebbles

A series of information signs will be erected at a number of locations along the walkways, with distance waymarkers to inform walkers/joggers. The information signs shall provide information of the species of flora and fauna that will be encountered within the Eco Park.

4.2.4 D.2.4 Eco Park – Post Construction Phase

The purpose of the Eco Park is to provide an outlet for recreation and amenity, and to act as an 'ecological hub' for plants and wildlife, providing the community an opportunity to interact with the environment.

The Eco Park shall be accessible to members of the public on a 24 hours, 7 days per basis. Maintenance shall be undertaken at intermittent intervals – in order to maintain as close a similarity to the existing Pretty Bush site, the Eco Park shall be allowed to develop in 'wild' status, with maintenance being limited to access points and walkway areas, to ensure paths are correctly maintained and do not become overgrown.

It is not expected that regular grass cutting or other landscaping shall be undertaken, save for that required in the initial years to ensure that the species identified in the Landscaping Plan establish themselves and develop appropriately.

Post construction, monitoring of the site shall be continue to be undertaken. It is intended that, over a period of time to be agreed with the EPA, where monitoring identifies no impacts resulting from the Eco Park, the licence for the site shall be surrendered, thus removing the waste management designation from the site.

4.2.5 D.2.5 Alternatives Considered

The works are being carried out by Wicklow County Council, with a contract for the entire works having been awarded to a single contractor in 2012, with responsibility for the management of the dredge spoil material being part of that contract. Following receivership of this company, WCC took back direct control of the delivery of the project and the requirement for the management of the dredge spoil material becoming their responsibility. As previously identified, authorisation of the works by An Bord Pleanála identified that material not reused in the flood defence works would be “removed off-site to suitably licensed disposal facility”.

A number of options presented themselves for consideration by WCC in terms of management of this material, including transportation to an appropriate third party site or development of a site under their ownership.

Based on the planning permission requirement, as well as a requirement of applicable waste management legislation. The options in terms of places to manage the material are limited to:

- Existing licensed/permitted waste management sites i.e. landfill or waste soils recovery facilities
- Sites for which a waste soils recovery licence could be secured⁷
- Applications whereby the consideration of a material as a by-product may be applicable⁸

4.2.5.1 Alternative Locations

A number of possible locations were considered, with transportation distances greater than 40 km generally being considered uneconomic.

It was considered that the environmental impact of the sites, the majority of which operate under either waste licence, waste facility permits or certificates of registration, had been assessed as part of the licence/permit/certification process.

The consideration of alternative locations concentrated mainly on alternative licensed/permitted waste management sites, however that alternative capacity does not offer the benefit of creation of a community Eco Park and therefore may not provide a ‘real’ alternative to this development proposal.

Therefore, in addition to the site specific requirement to develop an Eco Park, no alternative sites are considered appropriate for the management of material that supplant the proposal to place the dredge spoil material at the Pretty Bush site and develop an Eco Park thereafter.

4.2.5.2 Alternative Development Options

Upon identification of the preferred development location, options in terms of end use were considered as follows:

- Development of the site as playing fields
- Development as a community Eco Park

Both options satisfied WCC’s own requirement for the provision of a community resource to the Kilcoole and wider locality.

It was through meeting and liaison with the National Parks and Wildlife Service (NPWS) through the development of this EIS that the option to develop a community Eco Park was identified as the preferred development option.

Further detail on this consultation is presented in Section 6 of this document but, in summary, it was considered that the Pretty Bush Eco Park development is more sympathetic to the existing ecology of the site, in terms of habitats preservation and maintaining the environmental and ecological capital of the site.

⁷ On the assumption that an application for landfill development would not be warranted, relevant or achievable in the applicable timelines

⁸ As per Article 27 of the European Communities (Waste Directive) Regulations, S.I. 126 of 2011