



Preliminary Environmental Impact Assessment Screening

Preliminary EIA Screening for Donegal County Council for the construction of Phase 1 of a housing development and all associated site works in Barrack Hill, Carndonagh, Co. Donegal.

Greentrack Environmental Consultants

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DOCUMENT DETAILS

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1 INTRODUCTION

1.1 Background

Greentrack Consultants have received instruction from Donegal County Council to undertake this “*Preliminary Environmental Impact Assessment (EIA) Screening*” examining their proposal for the construction of a housing development at Barrack Hill, Carndonagh, Co. Donegal.

EIA Screening is the process of deciding whether a development requires an EIA to be carried out. The EIA Screening exercise first assesses the development to ascertain if it is subject to Mandatory EIA, using classifications defined in the EIA Directive (projects listed in Annex I of the EIA Directive are subject to an EIA).

If the project is not listed in Annex I, and no mandatory EIA is required, the EIA Screening process progresses to sub-threshold development assessment.

Projects listed in Annex II of the EIA Directive are subject to an EIA if:

- (i) they exceed certain thresholds (set out in Annex II and by each Member State);
- (ii) or if they do not meet or exceed the threshold, but where the project is deemed likely to have significant environmental effects, with regards to the project’s scale, nature, location and context. Such projects need to be assessed on a case-by-case basis. EU Guidance on EIA Screening states that whilst Member States may set thresholds or criteria for the purpose of determining which projects are to be assessed on the basis of their environmental effects, they “should not be required to examine projects below those thresholds or outside those criteria on a case-by-case basis”.

Annexes I and II of the EIA Directive have been transposed to Irish legislation through the Planning and Development Regulations 2001, as amended, in Schedule 5 Parts 1 and 2, with national thresholds added to some Part 2 developments. In line with the EU Guidance on EIA Screening, the Office of the Planning Regulator (OPR) Practice Note PN02 Environmental Impact Assessment Screening states that if a project “is not of a class of development in Schedule 5, Parts 1 and 2, it is not “sub-threshold” development, and no EIA or EIA Screening is required”.

This EIA Screening has been prepared by Greentrack Consultants with all reasonable care, due diligence, professional application, and best scientific knowledge available to Greentrack at the time of writing. Screening was carried out using guidance from the following documents:

- ‘Environmental Impact Assessment Screening’ Practice Note PN02 produced by the Office of the Planning Regulator.
- ‘EU Guidance on EIA Screening’ – European Commission
- ‘Guidelines of the Information to be contained in Environmental Impact Assessment Reports (2017)’ produced by the Environmental Protection Agency.

Information contained within this report is based on the interpretation of data provided and has been accepted by Greentrack in good faith. Greentrack accept no responsibility to any third party to whom this report is made known or available. Any such third parties rely on the findings of this report at their own risk. The aim of this screening report is to aid the Competent Authority in determining whether or not an “Environmental Impact Assessment” is required for the proposed works.

1.2 Statement of Authority

This report was compiled by Colin Farrell. Colin is a hydrologist with Greentrack and holds a BSc. Geochemistry from Reading University and MSc Applied Environmental Science from Queens University Belfast. Colin has over 10 years’ experience working with Greentrack in dealing with Environmental Impact Assessments, Site Remediation Works, Quarry Assessments, Flood Risk Assessment, Hydrological and Hydrogeological Reports.

2 MANDATORY EIA or SUB-THRESHOLD

This section will examine if the project falls under the projects listed for mandatory EIA or considered sub-threshold under the Planning and Development Regulations 2001 (as amended).

Table 2.1: Mandatory or sub-threshold EIA determination

| Mandatory or sub-threshold EIA Determination | | |
|---|--|---|
| Project Title | Phase 1 of a housing development and all associated site works in Barrack Hill, Carndonagh, Co. Donegal | |
| Project Description | The proposal is for the initial phase of construction of a mixed accommodation style housing development in Barrack Hill, Carndonagh, Co. Donegal. Twenty-one (21) accommodation units are planned of which six (6) are semi-detached 3-bedroom houses, twelve (12) are semi-detached 2-bedroom houses and three (3) are semi-detached 4-bedroom houses. Significant open spaces are to be provided with a walkway and cycle lane created along the nearby riverbank. Stormwater is proposed to be discharged to the existing stormwater system and foul water connected into the public sewer system. Stormwater attenuation is to be provided by SuDS ¹ design. The public sewer is treated at the Carndonagh Wastewater Treatment Plant. | |
| A | Schedule 5 Part 1 of the Planning and Development Regulations 2001 (as amended) – Does the development comprise a project listed? | |
| <input type="checkbox"/> | Yes – Class - | EIA is mandatory. No preliminary Screening required. |
| <input checked="" type="checkbox"/> | No, the development is not listed in Schedule 5, part 1. | Proceed to B |
| B | Schedule 5 Part 2 of the Planning and Development Regulations 2001 (as amended) – Does the development comprise a project listed? | |
| <input type="checkbox"/> | No, the development is not listed in Schedule 5, part 2. | No preliminary screening required. |
| <input type="checkbox"/> | Yes, the project is listed in Schedule 5, Part 2 and meets/exceeds the threshold – Class & Threshold – | EIA is mandatory. No preliminary Screening required. |
| <input checked="" type="checkbox"/> | Yes, the project is of a type listed but is sub-threshold – Class – | Proceed to C |
| C | If a sub-threshold project, has Schedule 7A information or EIAR screening report been provided? | |
| <input type="checkbox"/> | Yes, Schedule 7A information or EIAR screening report has been provided | Project should be subject to EIAR Screening and subsequent determination. |
| <input checked="" type="checkbox"/> | No, Schedule 7A information or EIAR screening report has not been provided | Preliminary EIA screening required. |

¹ Sustainable drainage systems (SuDS) are drainage solutions that provide an alternative to the direct channelling of surface water through a network of pipes and sewers to nearby watercourses

As noted in Table 2.1 above, the project is seen to be of a type listed in Schedule 5, part 2 of the Planning and Development Regulations 2001 (as amended) but is sub threshold and no Schedule 7A information has been provided. Therefore, the project should undergo preliminary examination for EIA screening.

3 PRELIMINARY EXAMINATION for EIA SCREENING

Where a development is 'sub-threshold' and is not accompanied by an EIAR or Schedule 7A information, a preliminary examination, of, at least, the nature, size or location of the development to conclude if there is a likelihood of significant effects on the environment, must be carried out.

Preliminary examinations must consider at least the following:

- The nature of the development including the production of wastes and pollutants
- The size of the development or
- The location of the development including the potential to impact on certain ecologically sensitive sites and the potential to affect other environmentally sensitive sites in the area. This will require consideration of the overlap with Appropriate Assessment (AA) and consideration will need to be given to hydrological and other connections to Natura 2000 sites.

Table 3.1: Preliminary Examination for EIA Screening

| Preliminary Examination for EIA Screening: A preliminary examination of, at the least, the nature, size or location of the development. | | | |
|--|---|--|-------------------------|
| | | Comment | Yes/No/Uncertain |
| Nature of the Development | Is the nature of the proposed development exceptional in the context of the existing environment? | <p>The development is an extension of the housing associated with the town of Carndonagh and lies within the town boundaries. The site itself is an agricultural field but lies less than 400m south of Carndonagh town centre. The surrounding area is urbanised to the north, west and south and there are significant housing estates approximately 500m to the east. The development proposes to add another 21 dwellings with associated access road, car parking and communal landscaped areas on an approximately 1-hectare site.</p> <p>The nature of the proposed development is small scale, in keeping with, and not exceptional in the context of the existing environment.</p> | No |
| | Will the development result in the production of any significant waste, or result in significant emissions or pollutants? | <p>The development will have a construction and operational phase. The construction process will result in the production of waste. Waste will be recycled where possible and any disposal of waste will be to an authorised facility by licenced hauliers. Waste management will be in accordance with the Construction and Environmental Management Plan (CEMP) for the site. No significant negative impacts are considered likely. Operational waste from the development will be domestic waste from the residential units. All domestic waste will be collected by a licenced waste contractor and taken to an authorised facility. No significant negative impacts are considered likely.</p> <p>The construction process has the potential to cause nuisance related to noise, dust, surface water and vibration impacts. The CEMP will detail measures to mitigate likely impacts. SUDs drainage design measures will be incorporated into the operation of the proposal to attenuate stormwater flow and quality. The proposed development will be subject to normal conditions related to construction working hours to protect the residential amenity of the area. All housing units will have air to water heat pumps as the main heating system. All units come without stoves and chimneys, therefore no emissions from burning fossil fuels will be released.</p> | No |
| Size of the Development | Is the size of the proposed development exceptional in the context of the existing environment? | <p>This proposed social housing development is approximately 400 m south of Carndonagh town centre and well within the overall town boundary. The development proposes to add another 21 dwellings with associated access road, car parking and communal landscaped areas on a 1-hectare greenfield site.</p> <p>The size of the proposed development is small-scale and not exceptional in the context of the existing environment.</p> | No |
| | Are there cumulative considerations having regard to other existing | <p>The proposed development is phase 1 of an overall development plan for the entire landholding. There is a total of 8.7 hectares in the overall landholding but a significant portion of this is listed as OPW attenuation areas due to the proximity of the Carrowreagh River. No definitive plans are available for further phases of development but taking the available land for development and extrapolating using a similar housing density to that proposed in Phase1, the site has potential for up to 100 more residential units. Taking this conservative approach, and assuming an overall development</p> | No |

Preliminary Examination for EIA Screening:

A preliminary examination of, at the least, the nature, size or location of the development.

| | | | |
|--------------------------------|---|--|----|
| | and/or permitted projects? | of 121 residential units, the overall development would remain sub-threshold for mandatory EIA both in relation to the number of houses and the overall size. There are no significant other permitted projects in the area likely to have any significant cumulative effect on the environment. | |
| Location of Development | Is the proposed development located on, in, adjoining or does it have the potential to impact on an ecologically sensitive site or location? ² | The development is a greenfield site near the centre of an existing town, adjacent to several other residential areas. The Carrowreagh River runs along the southern boundary of the site. The site is located approximately 3.01 km south of the North Inishowen Coast SAC (Code: 002012) and 3.01 km south of Trawbreaga Bay SPA (Code: 004034). The site is hydrologically connected to the SAC & SPA via the Carrowreagh River (& Glentogher River) which flows along the southern boundary of the site and receives stormwater discharge from the development. The hydrological distance from the site to the SAC & SPA is approximately 4.52 km. Due to the incorporation of SUDs design, buffer zones available and the hydrological distance there is no likelihood of significant negative impact on the environment. An Appropriate Assessment Stage 1 Screening Report was carried out by Greentrack Environmental Consultants for the development and concluded that: <ul style="list-style-type: none"> • The project is not connected directly to the management of any European sites. • The proposed development, on its own, or in combination with other projects, will not have a significant effect on European sites and thus a Stage 2 Appropriate Assessment is not required for this project. | No |
| | Does the proposed development have the potential to affect other significant environmental sensitivities in the area? | There are no other environmental sensitivities in the area that are likely to be negatively affected by the development either in construction stage or during the operational phase. | No |

Preliminary Examination for EIA Screening Conclusion:

Based on a preliminary examination of the nature, size or location of the development.

| | | |
|-------------------------------------|--------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|-------------------------------------|--------------------------|--------------------------|

² Sensitive locations or features includes European sites, NHA/pNHA, Designated Nature Reserves, land designated as a refuge for flora and fauna, and any other ecological site which is the objective of a CDP/LAP (including draft plans).

Preliminary Examination for EIA Screening:

A preliminary examination of, at the least, the nature, size or location of the development.

| | | |
|--|--|---|
| <p>There is no real likelihood of significant effects on the environment.</p> <p>EIA is not required.</p> | <p>There is significant and realistic doubt regarding the likelihood of significant effects on the environment.</p> <p>Schedule 7A information should be collated and EIAR Screening required.</p> | <p>There is real likelihood of significant effects on the environment.</p> <p>An EIAR is required</p> |
|--|--|---|

4 PRELIMINARY EXAMINATION EIA SCREENING CONCLUSION

Based on a preliminary examination of the nature, size and location of the development, and for the reasons provided in Table 3.1 above, the proposed development at Barrack Hill, Carndonagh, Co. Donegal is assessed as having no real likelihood of significant effects on the environment. **It is determined on this basis that EIA is not required.**