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proposed local development plan habitats regulations appraisal 2016



East Lothian Council Proposed Local Development Plan

Habitats Regulations Appraisal & Appropriate Assessment

Version Control

Version Number	Date	Issued to:
1.1	05/08/2016	East Lothian Council
1.2	26/08/2016	East Lothian Council

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INTRODUCTION

Purpose of document

- 1.1 This document summarises the Habitats Regulations Appraisal and Appropriate Assessment of the East Lothian Council proposed Local Development Plan (LDP). It accompanies the proposed LDP presented to East Lothian Council in September 2016. It will be used in consultations with Scottish Natural Heritage and will be updated, as necessary, in the light of its advice and/or amendments to the proposed LDP.
- 1.2 The document has been prepared by Sue Bell, a Chartered Ecologist, on behalf of East Lothian Council.

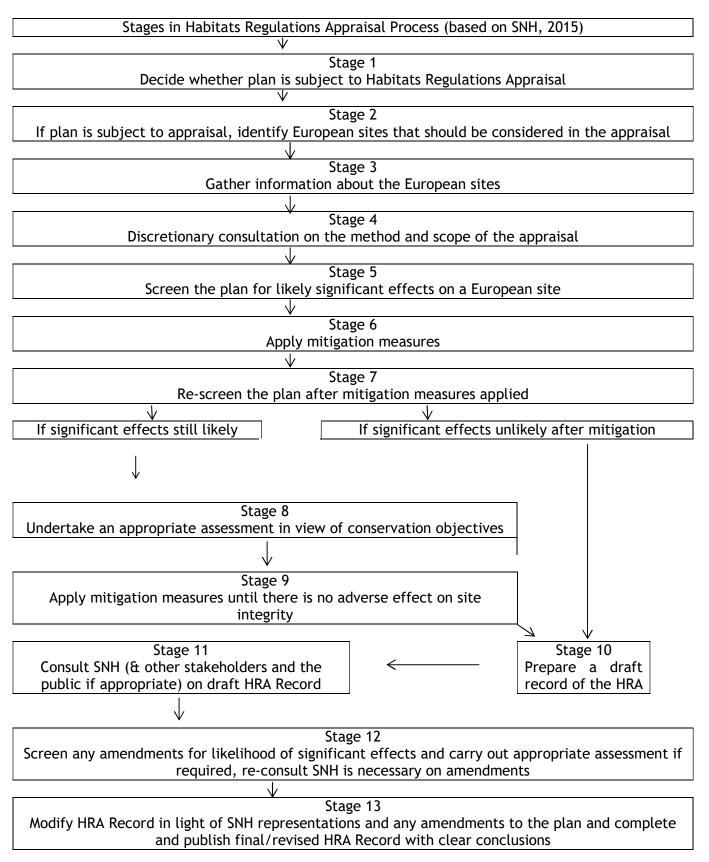
Habitats Regulations Appraisal and Appropriate Assessment

- 1.3 The requirement for Appropriate Assessment is set out in The Conservation (Natural Habitats, &c.) Regulations 1994 as amended¹, which implement Articles 6(3) and 6(4) of the Habitats Directive. Before giving consent to a project or plan that is not directly connected to the management of a European site, and which is considered to have a likely significant effect upon that site, a competent authority must consider the implications for the site in view of that site's conservation objectives. This is known as "Appropriate Assessment". The "test" is that permission for the project or plan should only be given where it has been determined that it will not have, either alone or in combination with other projects and plans, an adverse effect upon the integrity of the European site. Permission can only be granted for plans that have an adverse effect upon integrity if there are no alternative solutions, but there are imperative reasons of overriding public interest that mean the plan should proceed. Before making any decision, the competent authority should consult with Scottish Natural Heritage (SNH), the statutory nature conservation adviser.
- 1.4 The term "Habitats Regulations Appraisal" (HRA) is used to describe the whole process of considering whether a project or plan will give rise to likely significant effects upon a European Site, deciding which European sites should be considered, which aspects of the plan or proposals may give rise to likely significant effects (known as "screening"), and the subsequent Appropriate Assessment (AA) of the implications of these effects upon the integrity of the European Site. The process, which is described by SNH in guidance for HRA (SNH, 2015) can be sub-divided into 13 stages (see Figure 1.1). This document reports on stages 1 10 of the process.

¹ Part IVA (regulations 48 & 49)

Figure 1.1: Stages in Habitats Regulations Appraisal

(Taken from SNH, 2015)



APPROACH

Methods

- 2.1 The approach has broadly followed the stages and methods set out in "Guidance for HRA of plans published by SNH" (2015). The reporting matrices included in Appendix C of that Guidance have been referred to and adapted to meet the presentational needs of this document.
- 2.2 East Lothian Council commenced discussions with SNH during preparation of the Main Issues Report. At that time the need for HRA was confirmed (Stage 1 - see Figure 1.1), there was discussion about the list of European sites that should be considered in the appraisal (Stage 2 - see Figure 1.1), and some preliminary gathering of information about these sites (Stage 3 - see Figure 1.1). Following publication of a consultation draft of the LDP, further work on screening these sites against the policies and proposals in the plan was completed (Stages 3 - 5 see Figure 1.1). This identified some proposals as having likely significant effects, and other proposals for which there was some ambiguity about effects. Mitigation measures for some of these proposals was added (Stage 6) and the plan was re-screened (Stage 7). A progress report, which summarised the results of the screening, was produced and issued to SNH for comment (May 2016). A meeting was held with SNH in July 2016 to discuss the progress report. There was broad agreement with the approach that was being taken, including the European sites that had been screened into the process.
- 2.3 Since the progress report was produced, the LDP has been amended in the light of technical work relating to infrastructure and transport. This has included some additions, modifications and re-drafting of policies and spatial proposals. These changes have been screened as part of the HRA (Stages 5 7 see Figure 1.1). Some proposals have been identified as having Likely Significant Effects, either alone or in combination with other policies and plans, and have been subject to an appropriate assessment of their implications for European sites (Stage 8), which has included the application of mitigation measures (Stage 9).
- 2.4 This document forms the draft HRA record and incorporates the findings of the appropriate assessment. It will be used in consultations with SNH (stages 10 & 11, see Figure 1.1).

European Sites

- 2.5 The HRA needs to consider all the European sites which are potentially affected by a plan, but should keep the assessment proportional to the likelihood of significant effects and avoid excessive data gathering about sites that are not likely to be affected (SNH, 2015).
- 2.6 The SNH Guidance (2015) includes advice on criteria for identifying European sites potentially affected. East Lothian Council identified thirteen European sites that should potentially be considered in the HRA of the LDP. These were: Firth of Forth SPA Forth Islands SPA Imperial Dock Lock, Leith, SPA Isle of May SAC Firth of Tay and Eden Estuary SAC Berwickshire and North Northumberland Coast SAC River Teith SAC Moray Firth SAC

Firth of Forth and St Andrews Bay Complex dSPA River Tweed SAC Fala Flow SPA Greenlaw Moor SPA Gladhouse Reservoir SPA

2.7 Background information about each of these thirteen sites was collated and considered in the context of the likelihood of connectivity pathways between policies and proposals in the proposed LDP and the qualifying interests (QI) of each European site (see Appendix A). Based on this assessment, two of the European sites (Moray Firth SAC, and Greenlaw Moor SPA) were excluded from further consideration, as it is not considered that there are pathways linking the proposals in the proposed LDP and the qualifying interests of the European site.

Qualifying Interests

2.8 Qualifying Interests (QI) are the features of international importance that have led to the designation of a European site. These may be habitats and/or species. A list of the Qualifying Interests for each European site considered during the screening stage is included in Appendix A. The effects of the LDP upon the Qualifying Interests are a central part of the screening and appropriate assessment process.

Proposed LDP Policies and Proposals

- 2.9 The HRA has been conducted alongside development of the East Lothian Local Development Plan (LDP). The initial screening was carried out against version 1.5 of that plan, which was presented to Councillors in November 2015. Amendments to the proposals were made as a result of technical work related to transport and other infrastructure, and to take account of the findings of the HRA process. This version of the HRA record has been produced to accompany version 1.9 of the LDP, which will be presented to Councillors on 6th September 2016.
- 2.10 The proposed East Lothian LDP contains both policies and spatial proposals.
- 2.11 Over one hundred policies are included in the proposed LDP, which deal with a variety of topics. Many of these policies are not location-specific, but some are linked to specific geographic locations e.g. proposals for expansion of schools and cemeteries.
- 2.12 The list of spatial proposals within the proposed LDP covers three types of site:
 - Allocations included within the previous East Lothian Local Plan, which have not yet been developed. For these sites, the principle and nature of development has already been agreed, and these sites were subject to HRA as part of the previous plan.
 - Allocations included in the Housing Land Audit 2015 and other sites that have come forward as "windfall" sites, and for which planning applications have been received and approved. In many cases these sites have already been built or are at an advanced stage of development. These sites will have been considered for HRA.
 - New allocations that have not been included in previous local plans. These have been subject to initial screening through the Strategic Environmental Assessment process, including discussion with SNH, but now require consideration within the HRA process.

Screening for effects

- 2.13 Screening describes the process of identifying which aspects of a plan either alone or in combination with other policies and plans need to be considered further for appropriate assessment (SNH, 2015).
- 2.14 Each of the policies and spatial proposals in the proposed LDP has been screened to identify those that may give rise to likely significant effects (LSE) on each of the eleven European sites considered in the appraisal. This process has also identified policies/proposals that will not give rise to LSE on their own, but which will result in Minor Residual Effects (MRE) and hence require consideration for cumulative effects within the LDP and in combination with other polices and plans.
- 2.15 For the screening phase, there is a low threshold for identification of LSE. Effects are considered likely if they cannot be ruled out on the basis of objective information^{2,3}.
- 2.16 The screening method has followed the approach recommended in the SNH Guidance (2015). This is a sequential approach, whereby policies and proposals are assigned to one of the following seven categories:
 - 1 = General Policy Statements
 - 2 = Projects referred to in, but not proposed by, the plan

3a = Elements of the plan with no LSE on the European Site as they are intended to protect the natural or built environment

3b = Elements of the plan with no LSE on the European Site as they do not in themselves lead to development or other change.

3c = Elements of the plan that make provision for change, but there is no link or pathway between them and the qualifying interests of a European Site.

3d = Elements of the plan that make provision for change, but there is not likely to be a significant effect, but may give rise to Minor Residual Effects.

3e = Elements of the plan for which effects cannot be determined as the nature and location of any effects is unknown owing to the general nature of the plan.

- 2.17 Those policies/proposals assigned to categories 1, 2, 3a, 3b, 3c and 3e have been screened out from further consideration for effects upon a particular European Site. Elements of the plan that meet criterion 3d have been retained for consideration of cumulative and in combination effects.
- 2.18 Where a policy in the proposed LDP relates to specific locations e.g. for expansion of schools, then the screening is of the individual locations, rather than the policy as a whole.
- 2.19 As noted above, the spatial proposals include some allocations that were included within the previous East Lothian Local Plan, and some sites that have come forward for development since the previous Local Plan was approved ("windfall" sites). These sites have been considered to have been subjected to screening of their effects in their own right and so are only considered for cumulative or in combination effects i.e. they are considered to potentially fall into category 3d having MRE. New allocations that have not been identified previously have been screened for both LSE and MRE.

² EC, 2000. Section 4.4.2

³ The Waddenzee ruling - European Court of Justice Case C-127/02 dated 7th September 2004

2.20 New proposals and policies with a spatial dimension have been added during the development of the LDP. This includes a number of proposals for upgrading of road junctions. Each new proposal that has a spatial element has been screened as it has been added to the plan.

Screening criteria

- 2.21 In order for there to be a LSE there must be an impact pathway between the policy/proposal and a European Site. Appendix A includes a list of the impact pathways identified for each of the European sites.
- 2.22 A number of criteria have been developed to assist in identifying impact pathways for some of the European sites. A precautionary approach has been taken to developing these criteria, to ensure that policies and proposals are not screened out at too early a stage. Further screening will occur as the assessment continues.

Firth of Forth SPA

- 2.23 A full list of potential impact pathways is included in Appendix A. Based on this analysis, the key impact pathways for the Firth of Forth SPA include:
 - Disturbance of qualifying interests at inland roost/feeding sites.
 - Disturbance of qualifying interests at the coast.
 - Changes to water quality or coastal processes.
- 2.24 The qualifying interests (QI) of the Firth of Forth SPA are a number of seabird and waterfowl species. Whilst many of these spend all their time at the coast or in the sea, some species are known to use areas of suitable habitat at inland sites as high tide roost sites, or feeding areas. These are: pink-footed goose, and six wader species - curlew, lapwing, grey plover, golden plover, redshank and oystercatcher. Criteria to identify inland areas that may be used by these species have been developed and used in other HRA involving the Firth of Forth (e.g. Falkirk Council, Clackmannanshire Council) and agreed with SNH. These criteria are based on published research into the distances that species will travel to reach inland roosts and the types of habitat that are suitable for foraging and roosting.
- 2.25 The distribution of qualifying interests around the Firth of Forth is based on research, which was commissioned by SNH and dedicated goose surveys organised by East Lothian Council.
- Data about the use of inland areas around the whole of the Forth Estuary were 2.26 collected by the British Trust for Ornithology (BTO) in association with BirdWatch Ireland and the Scottish Ornithologists' Club as part of surveys for the Bird Atlas 2007-11. Data were collected either from 10-km squares or tetrads (2 x 2 km squares). Wader species were mapped within about 5 km, or three tetrads from the coast, whilst pink-footed geese were mapped within approximately 20 km of the coast, or two to three 10 x 10 km squares of the Each tetrad was visited at least twice over the four winter period coast. 2007/08 to 2010/11. These visits occurred in November-December and January-February. Observers could make additional visits if they chose. The counts provide a snapshot in time, and do not provide an indication as to the frequency with which particular sites are used. As these data are provided on a tetrad basis, they do not pinpoint the precise location from which birds were recorded. Some tetrads may also overlap the coast, thus the counts may be a

representation of coastal high tide roost sites (already considered through the WeBS data), rather than inland sites.

- 2.27 For the screening exercise, no distinction has been made between different habitat preferences of the species that use inland sites; potentially suitable habitat is defined as areas of grassland (all types) or agricultural fields (all cropping regimes). Land use has been assessed from aerial photographs available through Google maps.
- 2.28 The criteria that have been applied to identify spatial proposals that may have an effect are:
- 2.29 Waders (i.e. curlew, redshank, oystercatcher, grey plover, golden plover, lapwing):
 - the site is within 5 km of the coast⁴; and
 - the site lies within a tetrad from which that qualifying species has been recorded; and
 - the site appears, based on aerial photographs, to contain potentially suitable habitat.
- 2.30 Small sites (< 3 ha)⁵ in the middle of urban areas have been excluded, as the qualifying interest species favour wide views in order to scan for predators. Some other sites within or adjacent to urban areas have been screened out for species known to be sensitive to disturbance: grey plover, golden plover and lapwing.
- 2.31 Pink-footed goose:
 - the site lies within c. 20 km of the coast; and
 - the site lies within a 10 km square/ tetrad from which the qualifying species has been recorded; and
 - the site appears, based on aerial photos, to contain open areas of suitable habitat that are at least 6 ha in size (or combined with adjacent open areas will reach this size).
- 2.32 The East Lothian LDP will result in an expansion in housing stock to accommodate an increasing population. This in turn will increase the level of recreation undertaken, and consequently a potential elevation in the level of disturbance of qualifying interests at roosting and feeding sites, particularly those at the coast. To provide a broad indication of those housing developments that might give rise to elevated levels of coastal recreation, published research into participation in outdoor recreation has been reviewed. Surveys of visits to the outdoors have shown that the greatest proportion are carried out within 2 miles (equivalent to 3.2 km) of home (40%), and 2 5 miles (equivalent to 3.2 8 km) of home (34%)⁶. Based on these figures it has been decided to use a broad criterion of housing developments within 5 km of the coast, to identify those considered as potentially contributing to recreational activity at the coast. This distance has been measured in a direct line from the boundary of the development to the closest area of coast, and has not, for the screening

⁴ Although some species of wader, e.g. Golden Plover, will travel further inland, a distance of 5 km has been selected for this study.

⁵ RSPB, undated

⁶ TNS, 2014

assessment, taken account of the actual travel distance using roads/footpaths or access points to the coast.

2.33 The proposals were also reviewed to identify whether they would lead to changes in coastal water quality as a result of changes to sewage treatment or introduction of untreated discharges. None of the proposals will lead to the need to upgrade existing or install new sewage treatment works to meet quality standards.

Fala Flow and Gladhouse Reservoir SPAs

2.34 Pink-footed goose is the qualifying interest at both of these European sites. Whilst the sites are located beyond the boundary of East Lothian, as noted above, pink-footed goose is known to travel up to 20 km between roosting and feeding sites. Maps of feeding areas associated with these roost sites have been published⁷. These maps have been used to assist in the identification of known feeding areas close to spatial proposals included in the LDP.

Screening for cumulative and "in combination" effects with other policies and plans

- 2.35 The cumulative effects of all the policies and plans that give rise to MRE within the proposed East Lothian LDP have been considered. This has involved, for example, considering whether the loss of individually small areas of habitat of potential value to wader species that are a qualifying interest of the Firth of Forth SPA might give rise cumulatively to a LSE as a result of the total area of habitat lost.
- 2.36 Some of the development sites were allocated by previous local plans of form part of the established housing or economic land supply or are windfall proposals that have planning permission. Housing and economic developments on previously undeveloped land have been considered for cumulative effects in relation to habitat loss. Housing developments have also been considered for cumulative effects in relation to recreational use of the coast.
- 2.37 A similar approach has been carried out to consider the total effect of changes arising from the proposed East Lothian LDP and other policies and plans. Individual policies or groups of policies that have been identified as having MRE upon a European site have been screened with the MRE arising from other plans or projects to see if they would act "in combination" to have an LSE upon that European site.
- 2.38 Plans that should be considered for the potential of "in combination" effects are defined in SNH's Guidance as:
 - a) The incomplete parts of projects that have been started but which are not yet completed.
 - b) Projects given consent but not yet started.
 - c) Projects that are subject to applications for consent.
 - d) Projects that are subject to outstanding appeal procedures.
 - e) Any known unregulated projects that are not subject to any consent.
 - f) Ongoing projects subject to regulatory reviews, such as discharge consents or waste management licenses.
 - g) Development that has recently been completed, but where any residual effects may not form part of the environmental baseline.

⁷ Mitchell, 2012

- h) Policies and proposals that are not yet fully implemented in plans that are still in force.
- i) Draft plans that are being brought forward by other public bodies and agencies.
- 2.39 Some of the other plans considered for "in combination" effects have been subject to their own HRA. Some of these provide clear conclusions on aspects of the plan that give rise to MRE and hence need to be screened in to the "in combination" assessment. However, some plans do not provide a clear list of MRE. In these cases, a judgement was made as to whether there would be MRE arising from the project.

Appropriate Assessment

- 2.40 Those proposals that are identified as having a LSE, either alone or in combination with other polices or plans are subject to appropriate assessment.
- 2.41 The "test" is that the plan will not have an adverse effect upon the integrity of a European site. "Integrity" of a site is defined by the Scottish Government as "the coherence of its ecological structure and function, across its whole area, which enables it to sustain the habitat, complex of habitat and/or the levels of populations of the species for which it was classified."⁸ It is judged in terms of the conservation objectives that are set for each European site.
- 2.42 The degree of certainty of conclusions is summarised in the SNH Guidance. This quotes a Court of Session ruling from 1998, which concluded that it is not possible to state an absolute guarantee that there would be no adverse effect on integrity. The competent authority should identify the potential risks, so far as they may be reasonably foreseeable, in the light of such information as can reasonably be obtained, and put in place a legally enforceable framework with the aim of preventing the risks from materialising⁹.
- 2.43 The appropriate assessment is based on existing survey information, reference to published research into the effects of particular activities on qualifying interests, and expert judgement. Data sets that were used during the broad-brush screening stage have been re-analysed together with other existing data sets.
- 2.44 Information about the distribution and numbers of qualifying interests of the Firth of Forth is provided through the Wetland Bird Survey (WeBS). Core counts are carried out for lengths of the coast once monthly at high tides, when birds are most easily counted at roosts. Low tide counts are also made for lengths of coast, but these differ to the lengths used during the core counts. Low tide counts are made in at least one winter every six years, with up to four counts being made during the winter period. Core count and Low Tide data have been obtained from BTO.
- 2.45 The screening exercise focussed upon spatial proposals for areas of agricultural land or grassland, which were larger than 6 ha in size and were located within tetrads from which pink-footed goose had been recorded. The appropriate assessment has drawn on additional information sources to determine which

⁸ Scottish Government Circular 6/1995 (Revised June 2000) "Habitats and Birds Directives".

⁹ WWF-UK Ltd and RSPB v Secretary of State for Scotland *et al.* 1999. 1 C M L R 1021 (1999) Env LR 632. Court of Session, Edinburgh 28th October 1998

areas are actually used by geese. Surveys of feeding sites have been carried out since 2010 by East Lothian Council Ranger Service and volunteers from the Scottish Ornithologists' Club and others. Data comprise *ad hoc* records, biased towards fields visible from main roads; and more systematic surveys of the areas north-west of Haddington and from the Garleton Hills (autumn 2015). Goose numbers are categorised as Low (up to 299 geese), moderate (300 - 399 geese); High (1000 - 2999 geese; and very high (>3000 geese). These thresholds were based on proportions of the average UK goose population between 2006 and 2011 (approximately 300,000). Data are available as grid references. Maps of goose feeding areas have also been produced^{10,11,12}.

2.46 Assessment of effects of recreation at the coast has drawn on published survey information about visits to the countryside, and use of the John Muir Way.

RESULTS/CONCLUSIONS OF SCREENING

Results of initial screening and redrafting of policies

- 3.1 Following the initial screening exercise, a number of policies were identified as having potential LSE upon one or more European Sites, or there was some ambiguity about effects, owing to uncertainty about the nature or location of implementation. To address these issues of uncertainty, the policies/proposals were re-drafted to remove ambiguity. In several instances, this was achieved by adding a requirement for HRA to accompany specific applications under those proposals.
- 3.2 This hierarchical approach to HRA is consistent with SNH's Guidance, under certain prescribed circumstances:

In order to ascertain that there would be no adverse effect on the integrity of a European site, a plan-making body may only rely on mitigation measures in a lower tier plan if the following three criteria are <u>all</u> met:

a) The higher tier plan appraisal cannot reasonably predict any effect on a European site in a meaningful way; whereas

b) The lower tier plan, which will identify more precisely the nature, scale or location of development, and thus its potential effects, retains enough flexibility within the terms of the higher tier plan over the exact location, scale or nature of the proposal to enable an adverse effect on site integrity to be avoided; and

c) The Habitats Regulations Appraisal of the plan at the lower tier is required as a matter of law or Government policy."

- 3.3 These three points are met for the proposals in this plan, which have been amended.
- 3.4 Following redrafting, the policies were re-screened. To provide an audit trail of amendments, a list of policies that were re-drafted to remove ambiguity of effects are included in Appendix B.

Summary of screening

3.5 Appendix C, provided as a separate Excel spreadsheet, is a summary screening matrix for each of the policies and proposals in the proposed LDP. It shows the

¹⁰ Mitchell, 2012

¹¹ Brown & Brown, 2011

¹² Brown, & Brown, 2009

criterion under which different policies/proposals are excluded as having LSE on each of the European sites, and also identifies those policies/proposals that have MRE and hence need to be considered for cumulative and in combination effects. As each European site has a different suite of qualifying interests and connective pathways, there is some variation between sites in the criterion under which some proposals have been screened out.

3.6 There are a set of supporting spreadsheets, one for each European site, which provide more detailed information about the screening of individual policies and proposals for each site. A supplementary spreadsheet for the Firth of Forth SPA lists the relevant screening criteria for each spatial proposal i.e. it indicates the presence/absence of qualifying interests, presence of suitable habitat, and distance from the coast of the proposal. These spreadsheets are working documents that provide the audit trail for the decisions summarised in Appendix C. They are updated as polices/proposals are added or amended within the proposed plan.

European sites

3.7 A description for the rationale for screening particular European sites in or out of further consideration is provided below.

Firth of Forth SPA

3.8 Policies and proposals were identified as having LSE alone or in combination with other projects and plans. Further details are provided in paragraphs 3.22 - 3.26.

Forth Islands SPA

3.9 The qualifying interests are sea birds, who spend their time either nesting on the islands, feeding in the waters around the islands, or on migration. Pressures on qualifying interests at the site are linked to invasive species and inter-specific competition. None of the policies or spatial proposals within the proposed East Lothian LDP has a connective pathway to the islands. Development brought forward under one proposal, EGT1: Former Cockenzie Power Station could have LSE, but this has been addressed through amended wording of the proposal. Forth Islands SPA has been screened out of further consideration.

Imperial Dock, Leith SPA

3.10 No connective pathways between aspects of the proposed East Lothian LDP and the QI (breeding common terns) have been identified. The tern feeding areas are close to the SPA, and none of the proposals arising from the LDP will have an influence on water quality or availability of prey in that area. Imperial Dock, Leith SPA has been screened out of further consideration.

Isle of May SAC

3.11 The qualifying interests are reefs and grey seals. There are no connective pathways between the proposals in the LDP and the reefs. Grey seals come ashore to breed. They feed within the Firth of Forth. None of the proposals within the proposed East Lothian LDP will influence land management or use at the haulout sites on the Isle of May. There are no connective pathways between any of the proposals within the LDP and the QI of the Isle of May. The Isle of May SAC has been screened out of further consideration.

Firth of Tay and Eden Estuary SAC

3.12 There are no connective pathways between the proposals of the East Lothian LDP and the habitats that form the QI of the SAC, owing to the distance between the effects of the plan area and the SAC. The common seals, which are a qualifying interest of the SAC, will not be affected by the proposals as the proposals will not cause a change to marine conditions, and the seals do not haul out on the mainland of East Lothian. The Firth of Tay and Eden Estuary SAC has been screened out of further consideration.

River Teith SAC

3.13 The River Teith SAC is located upstream of East Lothian. Qualifying interests of the River Teith SAC include migratory fish species that will pass the coastline of East Lothian. None of the proposals identified in the proposed LDP will lead to barriers in migration for these species, or a decline in water quality. The only policies within the plan that could lead to development with effects on the estuarine environment are EGT1: Former Cockenzie Power Station and EGT3: Forth Coast Area of Co-ordinated Action. However, there are no details of the nature, type or location of any proposals that will come forward under this policy. In line with the approach set out in paragraph 3.2, the policies have been re-drafted; to require HRA once more detailed proposals become available. The River Teith SAC has been screened out of further consideration.

Moray Firth SAC

3.14 The qualifying interests are subtidal sandbanks and bottlenose dolphin. Although the dolphins are considered resident within the Moray Firth, they do occur further south along the coast. As the proposals will not have an effect on water quality or processes within the Forth Estuary, no connective pathways to the dolphins have been identified. This SAC has been screened out of further consideration.

Firth of Forth & St Andrews Bay Complex dSPA

3.15 The qualifying interests are seabird species that spend most of their time at sea. Some of these species also form a qualifying interest of the Firth of Forth. As the proposals will not have an effect on water quality or processes within the Forth Estuary, no connective pathways have been identified. The Firth of Forth & St Andrews Bay Complex dSPA has been screened out of further consideration.

River Tweed SAC

- 3.16 A small portion of East Lothian lies within the catchment area of the River Tweed. The location of the catchment area and nature of the land means that there are unlikely to be proposals for development within this area. Any applications are most likely to be linked to wind generation, tourism or telecommunications. Guidance for windfarms within East Lothian has already been published, and subjected to a HRA and AA. This concluded that adverse effects upon the River Tweed could be avoided by specifying appropriate mitigation measures at the project level. Windfarm policies have been drafted to include the need for consideration of effects on European sites. This is in line with the approach set out in paragraph 3.2.
- 3.17 The policy wording for telecommunications developments, coupled with the environmental protection policies within the East Lothian proposed LDP means that effects upon the River Tweed SAC will be avoided. The River Tweed SAC has been screened out of further consideration.

Fala Flow SPA

3.18 The SPA lies beyond the boundary of East Lothian, but pink-footed goose, which are the QI, are known to use feeding areas within East Lothian. Policies and proposals were identified as having potential LSE alone or in combination with other projects and plans. See sections 3.22 - 3.26 for further details.

Greenlaw Moss SPA

3.19 The SPA lies beyond the boundary of East Lothian. The feeding areas thought to be used by the QI associated with the SPA are not located within East Lothian. It is considered that there are no connective pathways between the proposals of the proposed LDP and the QI of the SPA. It has been screened out of further consideration.

Gladhouse Reservoir SPA

3.20 The SPA lies beyond the boundary of East Lothian, but pink-footed goose, which is the QI, are known to use feeding areas within East Lothian. Policies and proposals were identified as having potential LSE alone or in combination with other projects and plans. See sections 3.22 - 3.26 for further details.

Policies/proposals which when considered alone are considered to have an LSE upon a European Site

3.21 As was noted in paragraphs 3.1 - 3.4, some polices were redrafted to remove likely significant effects on their own. This included a number of policies and proposals which enable development, but the precise nature and location has not yet been defined. As there is flexibility over the nature, scale or location of development, and/or mitigation of effects can be included in scheme design, adverse effects on site integrity can be avoided. Developments coming forward under these proposals will be subject to project-specific HRA. Policies which fall into this category are listed in Appendix B.

Combinations of policies/proposals that have been considered for cumulative LSE upon a European Site

- 3.22 Those proposals within the East Lothian LDP that were identified individually as having MRE upon a European site have been re-screened for their cumulative effects upon those European sites.
- 3.23 Three European sites: Firth of Forth SPA, Fala Flow SPA and Gladhouse Reservoir SPA were identified as experiencing LSE as a result of the cumulative effects of proposals within the East Lothian proposed LDP. Table 3.1 provides a summary of the nature of these LSE and the European Sites affected. Appendix D contains a detailed list of the combinations of proposals that have been identified as giving rise to these MRE and the qualifying interests affected.
- 3.24 The potential for LSE on the Firth of Forth SPA caused by cumulative disturbance from construction works at the coast has been considered. Only three of the proposals within the LDP would give rise to disturbance of qualifying interests at the coast:
 MIN2: Safeguard Oxwellmains Limestone Quarry (MRE for curlew, golden plover, grey plover, lapwing, oystercatcher, redshank)
 Sites in Table PS1:
 Edinburgh Road (all QI)
 West Seaside (all QI)
- 3.25 Oxwellmains Limestone Quarry is located close to the coast. It is already operational and recorded bird numbers in the vicinity of the site have been

collected whilst the site is operational. It is at some considerable distance from the two housing sites. Any disturbance arising from the housing developments will be short-term and localised in nature. Much of the development has already taken place. Given the small-scale, localised nature of each cause of disturbance, it is concluded that there are no cumulative LSE.

3.26 None of the proposals will give rise to direct discharges into the marine or riverine environments. All properties are to be connected to the existing sewerage network. Consequently, it is concluded that there are no cumulative LSE on the Firth of Forth SPA as a result of pollution.

European Site	Nature of LSE identified from cumulative effects of elements of the proposed East Lothian LDP			
Firth of Forth SPA	 Housing proposals within 5 km of the coast that could contribute to increased recreational use of the coast (see Appendix D, Table (a) for full list of proposals) Loss of, or disturbance whilst using inland habitat of potential value as high tide roosting/feeding sites to qualifying interests (wader species) (see Appendix D, Table (a) for full list of proposals and QI affected). Loss of, or disturbance whilst using, inland habitat of potential value as high tide roosting/feeding sites to qualifying interests (Pink-footed Goose) (see Appendix D, Table (a) for full list of proposals) 			
Fala Flow SPA	Disturbance of Pink-footed Goose or loss of Pink-footed Goose habitat (see Appendix D, Table (b) for full list of proposals)			
Gladhouse Reservoir SPA				

Table 3.1: LSE arising from cumulative effects upon a named European Site.

In combination effects between MRE arising from proposed East Lothian LDP and other policies/plans

- 3.27 MRE arising from the East Lothian proposed LDP have also been considered for possible in combination effects with the MRE arising from other projects and plans. The list of other projects/plans considered for in combination effects is included in Appendix E.
- 3.28 A summary of the screening of in combination effects with other plans is provided in Table 3.2.
- 3.29 In combination LSE have been identified for a single European site; Firth of Forth SPA. Whilst other projects and plans do have MRE upon European sites, the proposed East Lothian LDP does not contribute MRE of the same nature upon those European sites. For example, the Clackmannanshire and Falkirk LDPs (amongst other plans) were identified as having MRE upon the River Teith SAC. However, no MRE upon the River Teith SAC have been identified as a result of proposals within the East Lothian proposed LDP.

Table 3.2: LSE arising from in combination effects with other projects & plans

European Site	Nature of Effect	Projects/plans acting in combination with East Lothian proposed LDP
Firth of Forth SPA	Loss of /disturbance whilst using inland habitat of potential value as high tide roost sites by qualifying interests.	City of Edinburgh Council LDP Falkirk Council LDP Clackmannanshire Council LDP Fife LDP Stirling Council LDP
	Loss of/ disturbance whilst using inland habitat of potential value to Pink-footed Goose. Increased disturbance of QI at coast resulting from elevated levels of recreation associated with new housing developments.	Falkirk Council LDP Clackmannanshire Council LDP Stirling Council LDP Falkirk Council LDP Clackmannanshire Council LDP

Conclusions of screening

- 3.30 Appropriate Assessment is required of the cumulative effects listed in Table 3.1 of the combinations of proposals listed in Appendix D. In order for the plan to progress these must not have an adverse effect upon the integrity of the listed European sites in respect of their conservation objectives. Appropriate Assessment is also required of the effects listed in Table 3.2 that arise from the in combination effects of the other projects and plans listed in that Table.
- 3.31 Some of the proposals within the East Lothian proposed LDP have been brought forward from the previous Local Plan, and have already been subject to Appropriate Assessment. The findings of that previous assessment will be reviewed within the context of the new proposed plan and as there may have been changes in background conditions since the previous assessment was made.

APPROPRIATE ASSESSMENT IN RELATION TO FIRTH OF FORTH SPA

Housing proposals within 5 km of the coast that could contribute to increased recreational use of the coast

4.1 All new housing developments located within 5 km of the coast "as the crow flies" were identified during the screening exercise as potentially contributing to increased recreational use of the coast. This covers proposed housing sites in Musselburgh, Prestonpans, Tranent, Dunbar, North Berwick and the new Blindwells development.

Existing position

4.2 The East Lothian coastline is approximately 40 miles long¹³, of which around 75% is owned by East Lothian Council. Most of the coastline can be reached on foot, but activity is concentrated around the following main access points:

The 13 designated coastal car parks managed by the Council:

- Longniddry Bents Nos 1, 2 and 3.
- Aberlady Bay Local Nature Reserve.
- Gullane Bents.
- Yellowcraig.

¹³ East Lothian Council, 2015.

- John Muir Country Park at Tyninghame Links, Linkfield and Shore Road.
- Skateraw.
- Whitesands.
- Barns Ness.
- Thorntonloch.

Access from towns and settlements, e.g.:

- Musselburgh;
- Port Seton;
- North Berwick; and
- Dunbar.

The Core path network:

- Aberlady.
- Gullane.
- Yellowcraig.
- North Berwick.
- Musselburgh.
- Longniddry.
- Prestonpans.
- Port Seton.
- Belhaven Bay.
- Dunbar.
- 4.3 There are no survey data quantifying the level of use of particular parts of the East Lothian coast, but it is possible to make some estimates of visitor activity based on other surveys that have been carried out.
- 4.4 It has been estimated that just over two-thirds (67%) of day-trips in East Lothian are made from people who live in the neighbouring areas of Edinburgh, Midlothian, West Lothian and Borders. This proportion has increased from 52% in 2003 and 59% in 2011¹⁴.
- 4.5 Nearly two-thirds (62%) of all visitors to East Lothian in 2015 included a trip to the beach as part of their visit¹⁵. Whilst this is a slight decrease on the proportion of visitors who made a visit to the beach in 2011 (68%), there has been a significant increase in beach visits since 2003 when 48% of visits included a trip to the beach¹⁶. There has also been an increase in people undertaking activities such as water sports and bird watching¹⁷.
- 4.6 These figures support anecdotal reports that there has been an increase in use of the coastline, both in terms of numbers of users, and the times of day when the coast is used. There is also diversification of activities undertaken, with sports such as surfing and kite surfing gaining popularity.
- 4.7 The completion and branding of the John Muir Trail, which is a 134-mile coastto-coast route running between Helensburgh in the west through to Dunbar on the east, has also acted to raise the profile of existing paths. Research suggests

¹⁴ LJ Research, 2016

¹⁵ LJ Research, 2016

¹⁶ LJ Research, 2016

¹⁷ LJ Research, 2016

there were between 96,600 - 100,600 visits to the path between Brunstane Burn/ North Berwick/ Dunbar/ East Linton between November 2014 and October 2015^{18} .

- 4.8 The LDP quotes figures from the Scottish census, showing that the population of East Lothian grew by just under 11% between 2001 and 2011.
- 4.9 Thus, it appears that there is significant and increasing use of the East Lothian coastline, attributable to increased participation in outdoor activities. There does not appear to be a linear relationship between the housing stock in East Lothian and levels of recreational use of the coast, as a substantial and increasing proportion of coastal visits appear to be made by people who are not resident in East Lothian.
- 4.10 All bird species that are a qualifying interest of the Firth of Forth SPA have been recorded in WeBS counts from at least part of the East Lothian coastline on at least one occasion during the five-year period winter 2009/10 to winter 2013/14 (see Appendix F, Table 1).
- 4.11 WeBS data are used to identify "Alerts" for species that have shown a major decline in numbers over the short-, medium-, and long-terms (5, 10 and up to 25 years respectively) and also since site-designation. Where declines exceed 50%, High-Alerts are issued and where declines lie between 25% and 50% Medium-Alerts are issued. Alerts have been issued for 17 of the qualifying interests (see Appendix F, Table 2). Site-specific pressures been identified as a likely cause for three species (Goldeneye, Red-breasted merganser and Golden plover), and possibly also for long-tailed duck¹⁹.
- 4.12 The condition status of the qualifying interest features of the Firth of Forth SPA was last assessed by SNH in 2010. At that time, eleven species were Favourable Maintained; one species was Favourable Recovered; eight species were Favourable Declining; seven species were Unfavourable Declining; and the waterfowl assemblage was considered to be Favourable Declining. Recreation/disturbance was cited as a pressure for only two species; bar-tailed godwit and grey plover which were both assessed as in Favourable Declining condition in 2010.
- 4.13 Based on these two data sets, it appears that the status of the following species is of particular concern within the Firth of Forth, owing to site specific pressures:
 Goldeneye
 Red-breasted merganser
 Golden plover
 Bar-tailed godwit
 Grey plover.
- 4.14 Goldeneye and Red-breasted merganser are species associated with the sub-tidal area; they do not come ashore during the winter months and hence are not sensitive to increased recreational use of the shoreline, although they would be sensitive to water-based recreation. The declines in numbers of goldeneye (and scaup) on the Forth have been linked to improvements in sewage treatment, as

¹⁸ Stewart *et al*, 2016

¹⁹ Cook, *et al*, 2013

feeding flocks were only recorded at outfalls where sewage continued to be discharged in large quantities.²⁰ It is concluded that these species will not be adversely affected by proposals in the LDP.

4.15 Golden plover, Bar-tailed godwit and Grey plover are wader species that feed in the inter-tidal area, retreating to roosts both at the shore and inland at high tide. Consequently, these species are vulnerable to disturbance from coastal recreation. As noted in paragraph 4.13, SNH has identified recreation and disturbance as site-specific pressures within the Firth of Forth SPA for bar-tailed godwit and grey plover by SNH²¹.

Sensitivity to disturbance

- 4.16 Quantifying and predicting the effect of disturbance²² on the behaviour of individual birds is difficult. Variation between species and between individuals of the same species has been recorded. Weather conditions, food supply and condition of the bird also have an influence, as does the type of activity causing the disturbance. There are no agreed methods for relating the effects of disturbance of an individual bird upon its survival or breeding success, and the consequences of effects on an individual bird for the status of the population of that species.
- 4.17 Factors influencing the level of disturbance of shorebirds have been investigated on the Solent. Disturbance was determined by how people behaved and where they went, rather than the actual volume of use. In general terms, disturbance occurred when the activity was within 50 m of a bird, and activities within the intertidal zone were more likely to result in disturbance²³.
- 4.18 Dogs off the lead are a particular source of disturbance, responsible for 27% of disturbance events that involved major flight on the Solent²⁴. Walkers, particularly those accompanied by dogs, were linked to the decline of some wader roost sites around the Moray Firth. The tendency of dog walkers to visit the same area once or twice a day, resulting in frequent disturbance was thought to be a reason for the decline in use of roosts²⁵. Swann (2007) noted that disturbance from just one person and dog could account for decreased use of some roosts.
- 4.19 It has been estimated that there has been an increase in the number of visits to the outdoors taken with a dog from 41% in 2003 to 48% in 2013/14²⁶. Around half of visits to the John Muir Trail (between Brunstane Burn/ North Berwick/ Dunbar/ East Linton) included a dog, and this rose to nearly two-thirds (63%) of visits averaged over the full length of the trail during the winter²⁷.
- 4.20 Table 4.1 shows the occurrence of the three wader species (Bar-tailed godwit, Golden plover, Grey plover) from different WeBS recording sections along the East Lothian coast. The most important area for Bar-tailed godwit is the section

²⁰ Campbell, 1984

²¹ SNH SiteLink website last viewed May 2016

²² Defined as a change in behaviour of a bird

²³ Clarke, *et al*, 2012

²⁴ Clarke, *et al*, 2012

²⁵ Swann, 2007

²⁶ TNS. 2014

²⁷ Stewart *et al*, 2016

of coast between Eastfield to Musselburgh, where the five-winter mean of peak counts represents over 40% of the threshold level required for the site to qualify as of International importance. Aberlady and Gullane Bays; Port Seton to Craigielaw Point; and Tyninghame Estuary are also important areas. These same stretches of coastline are also important for Golden plover and Grey plover. Whilst access is possible to these lengths of coast, the footpaths are set back from the high tide mark, and in some areas there is limited access to the coast, and/or there are large areas of shore that are exposed at low tide. This means that there are areas that can be used by species that are likely to be at least 100 m from areas most used by people.

Table 4.1: Use of the East Lothian coast by wader species potentially at risk from recreational disturbance

	International importance of the site for each species expressed as the percentage of the international threshold in operation during 2013/14		
Core Count Section	Bar-tailed godwit	Golden plover	Grey plover
Eastfield to Musselburgh	42	3	2
Preston Grange to Port Seton	Р	Р	Р
Port Seton to Craigielaw Point	14	1	2
Aberlady and Gullane Bays	36	7	N/A
Black Rocks to Eyebroughy			
Eyebroughy to Eelburn	2		
Eelburn to North Berwick Harbour			Р
North Berwick to Tantallon	0	1	0
Tantallon to Ravensheugh Sands	2	0	1
Tyninghame Estuary	10	0	9
Winterfield to Barns Ness	N/A	N/A	N/A
East Barns to Dunglass	1	0	0

Discussion

- 4.21 Visitor numbers to the East Lothian coast appear to be growing at a rate unrelated to housing development within the Council area. There is anticipated to be a continued increase in numbers, but the greater proportion of this is likely to be visitors from outwith East Lothian.
- 4.22 Disturbance of birds appears to be related to the activities of users, rather than the numbers *per se*. The lengths of coast from which highest numbers of sensitive species have been recorded do include areas of shore which are less accessible, but there is a risk of disturbance to birds in these areas, particularly from unrestrained dogs. This risk is present, irrespective of whether or not the LDP includes proposals for new housing allocations.
- 4.23 Against this background of rising numbers, and disturbance from existing use, it is difficult to be definitive about the additional disturbance that would arise from new housing brought forward under the LDP. It is, however, possible to identify a series of mitigation measures that will ensure that the cumulative effects of disturbance from new housing will not have an adverse effect on the integrity of the Firth of Forth SPA. These may also act to reduce effects from existing disturbance.

Mitigation

- 4.24 Policy OS3 of the LDP requires that developments of 20 or more dwellings must provide open space of at least 60 m² per dwelling. This includes the provision of natural green space, which provides suitable recreational opportunities close to home and links into the core path network. Provision of good quality recreational opportunities close to housing will reduce numbers visiting the coast.
- 4.25 East Lothian Council currently manages parking at key coastal access points. There are no plans to extend parking provision, which will act as a brake on an increase in visitors arriving by car.
- 4.26 Scottish Power is currently consulting on restoration proposals for two Lagoons at Levenhall Links (Lagoons 6 & 8)²⁸. This will result in the restoration (Lagoon 8) and creation (Lagoon 6) of areas of open water and grassland suitable for use by waders. These proposals are referred to in the East Lothian LDP, but are not proposed by the LDP, although the principle of habitat improvement works in this area is supported by proposal MH18. They have consequently been considered for "in combination" effects with the LDP. The effects of the proposals are considered to be beneficial for the qualifying interests.
- 4.27 Management of recreational use is an operational matter, which is not normally included within a LDP. Various management measures to reduce disturbance from recreation will be implemented.
- 4.28 On the Moray Firth, some wader species became habituated to people, but only where there was some form of physical barrier, such as a wall or ditch, which separated the activity from the roosting/feeding birds²⁹.
- 4.29 A study of existing visitor numbers and disturbance arising from these should be initiated. This information should be used to identify areas of coast where measures are required to reduce disturbance, such as through introduction of barriers, fences, ditches, or planting. The information can also be used to develop refuge areas of coast, which should remain free from disturbance.
- 4.30 Walking within the inter-tidal zone, particularly if accompanied by an unrestrained dog, can cause disturbance to birds. There is some evidence from the Dee Estuary that introducing a team of wardens to reduce disturbance had been successful, as numbers of waders increased, although the potential for recreational disturbance had also increased³⁰. A public awareness programme, which is aimed at minimising the disturbance of wintering birds, particularly from dog walkers, or other groups identified through the visitor activity survey, should be introduced.

Loss of, or disturbance whilst using inland habitat of potential value as high tide roosting/feeding sites to qualifying interests (wader species)

4.31 Six QI of the Firth of Forth SPA have been identified as potentially using inland areas for roosting and feeding (curlew, redshank, oystercatcher, grey plover, golden plover, lapwing). The screening exercise identified areas of potential use in terms of presence of open habitat within a certain distance from the

²⁸https://eastlothianconsultations.co.uk/policy-partnerships/levenhall-lagoons-

consultation/consult_view

²⁹ Swann, 2007

³⁰ Kirby, *et al*, 1993

coast, but did not take account of the individual habitat preferences of the different species. The tetrad data provided by SNH is based on limited survey visits, and hence should be treated with caution, as it provides a short snap-shot of use on potentially only a single date.

4.32 No records of known inland roost sites for any of the wader species were identified during this study, but this does not mean that none of the sites are used. However, given the level of bird survey work that occurs in East Lothian, principally for pink-footed goose, it seems reasonable to suppose that if particular areas were used on a frequent basis by large numbers of wader species, these sites would be known.

Curlew

- 4.33 The curlew is included on the Red list as a species of conservation concern in the UK and is identified as Near Threatened by the IUCN. The numbers of overwintering curlew in Great Britain have been decreasing in the medium-term having previously peaked³¹. Within the Forth, numbers of curlew have also declined, but the trend appears to be consistent with the British trend, suggesting that this is not linked to site-specific pressures. Declines are thought to be due to losses in breeding habitat³².
- 4.34 The wintering populations of curlew around the Firth of Forth were assessed as in Favourable Maintained Condition in October 2010³³, with numbers at that time having doubled since 2000³⁴. The five-year (2010/11 2014/15) average number of curlew counted for the Forth Estuary is 2944 birds³⁵, which is greater than the population estimate of 1,928 at the time the SPA was classified³⁶.
- 4.35 Curlew are widely distributed both around the shores of the Firth of Forth³⁷ and around the East Lothian coastline. Within East Lothian, they were recorded from 10 of the 12 WeBS core count sections, 41 of the 48 Low Tide Count sectors (See Appendix E, Table 1) and all of the tetrads that cover the coast. The highest numbers recorded during the core counts (expressed as five year mean of annual peak numbers) were recorded from the Tyninghame Estuary. High numbers were also recorded from this area during the Low Tide counts and slightly further north on the coast near Scoughall, with highest numbers during Low Tide counts recorded from Aberlady Bay.
- 4.36 The coastal tetrads from which highest numbers (50+ birds) were recorded cover the coast between the River Esk in Musselburgh and Levenhall Links; between Port Seton and Aberlady; East and West of North Berwick; and around the Tyninghame Estuary and eastwards towards Dunbar. Only three tetrads that do not include any lengths of coast produced counts of 50+ birds. These tetrads cover the area around Direleton and Fenton Barns.
- 4.37 Whilst there are good count data showing the relative distribution of curlew around the coast, there is little information about the particular fields or open areas which are used. In general terms, this species prefers to use high tide

³¹ Cook *et al* 2013

³² Robinson, *et al*, 2015

³³ SNH, SiteLink website, 2011 Last viewed May 2016

³⁴ SNH, 2011

³⁵ Frost *et al*, 2016

³⁶ SNH, 2016

³⁷ Clackmannanshire Council, 2013

roost sites that are on fields or open areas just above the high tide mark and close to major feeding areas. Research has shown a preference for use of improved grassland on farmlands in winter³⁸ and permanent pasture. They will also use playing fields in urban areas.

- 4.38 The majority of proposals in tetrads from which curlew have been recorded are located in areas of tilled land (see Table 4.2), which is unlikely to be used by curlew. Some of the sites, which appear to support grassland, are considered unsuitable for curlew because the areas of grassland are very small and interspersed with buildings (Whin Park/Cockenzie Business Centre & Mid Road Industrial Estate), or because the fields appear to be grazed by livestock (MH2 Land at Old Craighall Village, Musselburgh), or the area appears to be a mixture of grassland and ruderal vegetation (Belhaven Hospital Field), or the field is small and enclosed (Dunbar Station Field).
- 4.39 Four of the proposals have the potential to affect areas of permanent pasture, although the nature and scale of this is unclear. Curlew may use the playing fields of Preston Lodge High School, Dunbar Grammar and North Berwick High school as high tide roosts. Use of land adjacent to Dunbar Station can also not be ruled out.
- 4.40 Details of the extensions required at each of the three schools are still being developed, but are unlikely to result in loss of the playing fields and hence would not represent a change beyond the current situation. Indeed, the North Berwick proposal will result in the use of new land, rather than loss of the existing playing fields. Likewise, details of the platform extension are unknown, and it may not require any new land take.
- 4.41 Given:
 - the habitat preferences of curlew in relation to the types of habitat that will be lost to development;
 - the small areas of *potential* habitat that may be affected;
 - the widespread distribution of curlew; and
 - the background of a Favourable Maintained population of curlew within the Firth of Forth SPA;

it is concluded that there will be no adverse effects upon the curlew qualifying interest of the Firth of Forth SPA arising from the East Lothian LDP.

Oystercatcher

- 4.42 Oystercatcher is included on the Amber list of species of conservation concern in the UK and is identified as Near Threatened by the IUCN. The numbers of overwintering oystercatchers in Great Britain have been decreasing over the medium-term³⁹ (Appendix F, Table 2). Declines in Scotland have been particularly pronounced, but the reasons for this are unclear⁴⁰.
- 4.43 The trend in oystercatcher numbers within the Firth of Forth appears to be tracking that of the region and British trends, suggesting that declines are part of a national trend rather than due to site-specific pressures. The wintering populations of oystercatcher around the Firth of Forth were assessed as in

³⁸ Gillings, *et al*, 2008

³⁹ Cook *et al* 2013

⁴⁰ BTO press release, 2012

Favourable Maintained Condition in October 2010^{41} . The five-year (2010/11 - 2014/15) average winter numbers of oystercatcher counted for the Forth Estuary is 6,263 birds⁴², which is lower than the population estimate of 7,846 at the time of classification⁴³.

- 4.44 Oystercatcher are widely distributed both around the shores of the Firth of Forth and the East Lothian Coast. Within East Lothian, they were recorded from 11 of the 12 WeBS core count sections, 44 of the 48 Low Tide Count sectors (See Appendix F, Table 1) and all of the tetrads that cover the coast. The highest numbers recorded during the core counts (expressed as five year mean of annual peak numbers) were recorded from the stretch of coast between Eastfield to Musselburgh, where the five-year mean peak numbers represented 64% of the number required for the site to qualify as of national importance (Appendix F, Table 3). The importance of this part of the coastline is also demonstrated by the Low Tide Counts; a count of 1090 birds was made along the stretch of coast between Joppa and Musselburgh. Low Tide Counts of over 100 birds were made for Aberlady Bay, Tyninghame Estuary and the coast between Longskelly Point and Cowton Rocks.
- 4.45 Counts within tetrads reflect the importance of the coast. The coastal tetrads from which highest numbers (150+ birds) were recorded cover the areas around Musselburgh, Aberlady and Tyninghame Estuary. In addition, high numbers were recorded west of Dunbar. There are few records from tetrads that do not include any coast; fewer than 20 birds were recorded from tetrads around Direlton and Fenton Barns and from around Huntington.
- 4.46 Oystercatcher, like curlew, shows a preference for areas of grassland, particularly areas of well-established grassland⁴⁴. Also, like curlew, the majority of proposals in tetrads from which oystercatcher have been recorded are located in areas of tilled land (see Table 4.2), which is unlikely to be used by oystercatcher. Some of the sites, which appear to support grassland, are considered unsuitable for oystercatcher because the areas of grassland are very small and interspersed with buildings (Whin Park/Cockenzie Business Centre), or because the fields appear to be grazed by livestock (MH2 Land at Old Craighall Village, Musselburgh), or the area appears to be a mixture of grassland and ruderal vegetation (Belhaven Hospital Field), or the field is small and enclosed (Dunbar Station Field) or receives a high level of disturbance (Gladsmuir Junction, Platform lengthening at Wallyford).
- 4.47 Three of the proposals have the potential to affect areas of permanent grassland, which may be used by oystercatcher: extension of Preston Lodge High School, Dunbar Grammar School and North Berwick High School. These sites have already been discussed in the context of their use by curlew (paragraphs 4.33 4.42) and the effects are considered to be similar. Conclusions are, therefore, similar to those reached for curlew.

Redshank

4.48 Redshank is included on the Amber list of species of conservation concern in the UK⁴⁵. The numbers of redshank breeding and over-wintering in Great Britain

⁴¹ SNH, 2011

⁴² Frost, *et al*, 2016

⁴³ SNH, 2016

⁴⁴ Heppleston, 1971

⁴⁵ SNH, 2016

have been declining⁴⁶ and there have been declines in the numbers of redshank over-wintering on Firth of Forth SPA (Appendix F, Table 2). These changes broadly follow the trend at the National level, but appear slightly above those at the Regional level⁴⁷, which suggests that conditions for this species within the Forth are deteriorating relative to other sites (SNH). However, the wintering populations of redshank around the Firth of Forth were assessed as in Favourable Maintained Condition in October 2010⁴⁸. The five-year average peak winter numbers of redshank counted for the Forth Estuary is 3,713 birds⁴⁹, which is slightly lower that the population of 4,341 at the time the site was classified as an SPA⁴⁸.

- 4.49 Redshank is widely distributed in low numbers around the shores of the Firth of Forth and the East Lothian Coast. It has been recorded from 9 of the 12 core count sections and 38 of the 48 Low Tide Count sections along the East Lothian coast (Appendix F, Table 3). The tetrad data suggests a limited occurrence of redshank from inland areas.
- 4.50 Highest numbers of redshank were recorded between Eastfield to Musselburgh during the core counts, and from the Tyninghame Estuary during Low Tide Counts. The tetrads from which the highest counts were obtained cover the coast near Musselburgh, Longniddry, and Aberlady Bay. As the data suggest that redshank distribution within East Lothian is closely associated with the coast itself, it is concluded that the proposals will not have an adverse effect upon the redshank qualifying interest of the Firth of Forth SPA.

Lapwing

- 4.51 Lapwing is included on the Red list as a species of conservation concern in the UK and has is identified as Near Threatened by the IUCN. The numbers of overwintering and breeding lapwing in Great Britain have been decreasing⁵⁰. These declines are thought primarily to be due to losses in breeding habitat.
- 4.52 Numbers of Lapwing within the Firth of Forth have also declined in the mediumterm having previously peaked⁵¹. Whilst the trend in lapwing numbers within the Firth of Forth appears to be tracking that of the region and British trends, suggesting that declines are part of a national trend rather than due to sitespecific pressures, the magnitude of the decline has been of a sufficient scale for BTO to trigger Alerts for this species for the medium and short-term and since the site was designated (Appendix F, Table 2). Whilst the trends at the site and regional level are similar, BTO reports that numbers of lapwing in the Firth of Forth are making an increasing proportion of the regional totals. This suggests that conditions in the Forth must be fairly favourable for lapwing.
- 4.53 The wintering populations of lapwing around the Firth of Forth were assessed as in Favourable Maintained Condition in October 2010⁵². The five-year (2010/11 2014/15) average of wintering peak numbers of lapwing counted for the Forth

⁴⁹ Frost, *et al*, 2016

⁴⁶ Robinson, 2016

⁴⁷ Cook, *et al*, 2013

⁴⁸ SNH, 2011 SiteLink website Last viewed May 2016

⁵⁰ Robinson, 2016

⁵¹ Cook *et al* 2013

⁵² SNH, 2011

Estuary is 2283⁵³ birds, which is fewer than the population estimate of 4,148 birds at the time that the SPA was classified⁴⁸.

- 4.54 Lapwing are distributed widely around the shores of the Firth of Forth, but show a more restricted distribution along the East Lothian coast, being recorded from 7 of the 11 core count sections and only 8 of the 48 Low Tide count sections (Appendix F, Table 1). The tetrad data shows that lapwing records are focussed on the central and western part of the Council area. Moderate numbers (100+) of lapwing were recorded in tetrads lying between Aberlady in the West and Whitekirk in the East, and south towards Longniddry. Only one proposal, NK10 Aberlady West, is located within these tetrads. That proposal is for a site adjacent to the village, which is tilled land and so is likely to be of lower value for lapwing (see below).
- 4.55 To the west, Proposals MH1 MH4 at Old Craighall, MH9 Land at Wallyford, and MH13 Howe Mire lie within tetrads from which moderate numbers (100+) of lapwings have been recorded. The majority of these proposals are for areas of tilled land.
- 4.56 Several of the proposals are located within tetrads from which low numbers of (20+) Lapwing have been recorded (See Table 4.2).
- 4.57 Research in south-east England showed that lapwings only used less than half of the available fields and that they showed a preference for larger fields (>15 ha)⁵⁴. Lapwings may use both cultivated land and areas of grassland. The Atlas of Wintering Birds states that between November and February the density of lapwing in many areas is higher on grassland than on agricultural land, although the species mainly roosts on cultivated land, especially plough land⁵⁵. Gillings and Fuller⁵⁶ suggest that flocks will feed on cultivated land during the early part of the winter, and then may switch to grassland during late to mid-winter in response to cold weather. A quarter of all lapwing records in a national survey were from cereal crops and grass, but less than 10% of birds were associated with stubbles⁵⁷.
- 4.58 Height of vegetation also seemed to influence choice, with lapwings avoiding cereal fields where the blade height was greater than 110 mm.
- 4.59 Cultivated land appears to be important for lapwings, and areas of such habitat will be lost to some of the developments in the Musselburgh/Wallyford area (e.g. MH1, MH10 MH11).
- 4.60 The tetrad data provides an indication of the general area that was used at the time of the survey, but is based on limited information and is not site-specific. There are no data to indicate which fields are used, and whether these are used consistently between years. The cropping regime, which is independent of the LDP, will have an important influence on the suitability of fields, and may vary between years.

⁵³ Frost, *et al*, 2016.

⁵⁴ Mason & Macdonald, 1999

⁵⁵ Lack, 1986

⁵⁶ Gillings & Fuller, 1999

⁵⁷ Gillings & Beaven, 2004

- 4.61 Bird survey data to support HRA of outline proposals for sites MH9 and MH10 has been completed⁵⁸. One lapwing was recorded on the site, and a flock of 20 birds were seen in flight to the south of the A1. Low numbers of curlew (10) were also recorded. It was concluded that the proposals would not have an adverse effect upon the Firth of Forth SPA.
- 4.62 To meet the requirements of the Habitats Regulations, mitigation has been built into the LDP to remove any uncertainty about the cumulative effects on lapwings arising from loss of potential inland habitat in the west of East Lothian. This comprises:
 - Inclusion of proposal MH18, which promotes habitat creation and enhancement measures for land to the east of Levenhall; and
 - Inclusion of need to conduct project-specific HRA of larger development proposals in e.g. MH1, MH9, MH10 and MH13.
- 4.63 Proposal MH18 promotes habitat creation to the east of Lagoon 6. This area, which is outwith the SPA boundary, will be managed for the benefit of qualifying interests of the SPA, and will act to offset any loss of wader habitat. Works proposed here are additional to habitat measures currently being developed by Scottish Power. The improvement of supporting habitat outwith the boundary of an SPA which is designed to offset any loss of other supporting habitat outwith the boundary of the same SPA has been supported as mitigation by a High Court ruling⁵⁹.
- 4.64 A requirement for HRA (and AA if necessary) has been included in a number of the allocations. These all meet the three "tests" for delegation of assessment to a lower tier of planning, as set out in paragraph 3.2 of this report. None of the allocations is thought to have LSE alone, but there is some uncertainty about cumulative effects, which cannot be addressed within the LDP. This uncertainty arises from a lack of precise knowledge about the use of particular areas by qualifying interests and details of the proposals. Effects can be predicted in a more meaningful way at the masterplan level, and will be informed by bird survey data. Flexibility is available, in terms of how the site is laid out.
- 4.65 Although work to inform a HRA has already been submitted for proposals at MH9 and MH10, the requirement for HRA has been retained in case new proposals are brought forward.

Golden Plover

4.66 The numbers of Golden Plover over-wintering in Great Britain have been decreasing in the short-term having previously peaked. Numbers over-wintering in Scotland have also decreased, as have numbers over-wintering on the Firth of Forth SPA. This has resulted in the BTO issuing Alerts for this species for the short- and medium-terms and the period since designation (Appendix F, Table 2). The trend of decline within the Forth appears to be similar to that of the Scottish declines, but not the British trend. Numbers in the Forth represent a declining proportion of the Scottish numbers, which suggests that site-specific pressures may be affecting this species.⁶⁰ However, the wintering population of Golden Plover around the Firth of Forth SPA were assessed as in Favourable

⁵⁸ BCM Environmental Services Ltd, 2009; Rudd, 2015

⁵⁹ Hargreaves v Secretary of State for Communities and Local Government, Wyre Borough Council, Cornwall Light and Power Company Ltd (2011) EWHC 1999 (2nd August 2011)

⁶⁰ Cook, *et al*, 2013

Maintained Condition in October 2010. The five-year (2010/11- 2014/15) average of wintering peak numbers of Golden Plover counted for the Forth Estuary is 1072 birds⁶¹, which is fewer than the estimated population of 2,949 birds at the time of classification of the SPA (SNH, 2016).

- 4.67 Golden Plover have been recorded from 9 of the 12 Core Count sections and 13 of the 48 Low Tide Count sections (Appendix F, Table 1). Areas of the coast from which the highest numbers of Golden Plover have been recorded during the Core Counts are between Eastfield to Musselburgh and Preston Grange to Port Seton, and Aberlady Bay. During Low Tide counts, the highest numbers have been recorded sites in Aberlady Bay and Gosford Sands. There is a known golden plover roost at Musselburgh ash lagoons⁶².
- 4.68 Golden plover are often found associated with lapwing⁶³, and there is a large overlap in habitat use by these species⁶⁴. Whilst there is a preference for grassland, particularly permanent, arable land, especially plough land, is often preferred for roosting⁶⁵. Golden plovers show a greater preference for cereals than lapwings, but avoid cereal fields where the blade height exceeds 9 mm⁶⁶.
- 4.69 Grassland is the main habitat for only three of the proposals within tetrads from which golden plover have been recorded, and at least two of these areas are unlikely to be suitable for golden plover owing to their size and their proximity to human disturbance (Station Road Field, and proposals to extend the railway platform in Dunbar).
- 4.70 Golden plover have also been recorded from tetrads in the west of East Lothian (inland from Musselburgh), which also supported lapwings. As noted for lapwings, although effects on these species arising from the cumulative loss of habitat from developments is considered unlikely (see paragraph 4.61 above), mitigation as set out in paragraphs 4.62 4.64, has been included within the LDP to remove any uncertainty over effects.

Grey Plover

- 4.71 Grey plover is included on the Amber list as a species of conservation concern in the UK. The numbers of Grey plover that over-winter in Great Britain have been stable in the short-term having previously declined. Numbers of this species over-wintering within Scotland and on the Firth of Forth SPA have been decreasing in the medium-term having previously peaked. This has led the BTO to issue Alerts for the short- and medium-terms and the period since designation (Appendix F, Table 2). The trend on the site appears to be tracking the Scottish trend, although not the British trend. The proportion of Scottish birds found on the Forth is declining suggesting that site-specific pressures may be affecting this species⁶⁷.
- 4.72 The wintering populations of Grey Plover around the Firth of Forth were assessed as in Favourable Declining Condition in October 2010⁶⁸. Game or

⁶¹ Cook, *et al*, 2013

⁶² East Lothian Council. Undated.

⁶³ Fuller in Lack, 1986

⁶⁴ Mason & Macdonald, 1999

⁶⁵ Fuller & Lloyd, 1981

⁶⁶ Mason & Macdonald, 1999

⁶⁷ Cook, *et al*, 2013

⁶⁸ SNH, 2011

fisheries management; recreation/disturbance; and natural events, were identified as site pressures on this species. The five-year (2010/11 - 2014/15) average numbers of Grey Plover counted for the Forth Estuary is 271 birds⁶⁹, which is fewer that the population estimate of 724 at the time the SPA was classified⁷⁰.

4.73 Grey plover has an almost exclusively coastal distribution within East Lothian. It has been recorded in low numbers from 9 of the 12 Core Count Sections and from 28 of the 48 Low Tide Count Sections (Appendix F, Table 1). Highest numbers in Core Count sections have been recorded from the Tyninghame Estuary, and highest Low Tide Counts have been recorded from Gosford Sands. The tetrads from which the highest numbers were recorded are close to Musselburgh and Tyninghame Bay. As none of the proposals will affect coastal locations, it is concluded there will be no adverse effects upon the integrity of the grey plover qualifying interest of the Firth of Forth SPA arising from loss of potential inland habitat.

Loss of, or disturbance whilst using, inland habitat of potential value as high tide roosting/feeding sites to qualifying interests (pink-footed goose)

- 4.74 Pink-footed goose is included on the Amber list of birds of conservation concern. The migratory populations of pink-footed goose around the Firth of Forth were assessed as in Favourable Maintained Condition in October 2010⁷¹.
- 4.75 Aberlady Bay is one of two significant roosts on the Firth of Forth (the other being Skinflats). The birds disperse to inland feeding sites during the day, which means they can be under-recoded during WeBS core and low tide counts. Broadly speaking, goose activity is concentrated north of the A1, extending roughly north and east from Longniddry. Particularly high concentrations have been recorded between Longniddry and Aberlady; in the area north of Coates Farm; and inland from Gullane, Direlton and North Berwick.
- 4.76 Use of fields by pink-footed goose is influenced by the cropping regime and changes throughout the winter in response to food availability. They will feed on a variety of crops including stubble fields, potato remains, beet remains, grass, and winter-sown cereals⁷². Researchers have shown that there can be a preference for stubble fields in the autumn and early winter and grassland later in the winter⁷³. In East Lothian, peak numbers of pink-footed goose are recorded in the autumn and preferred foodstuff is spilt grain in stubble fields, with unharvested potatoes being an important secondary foodstuff, especially around Aberlady⁷⁴. Pink-footed geese tend to use fields close to the roost sites first, moving further away as the food supply becomes depleted, or they are disturbed. Disturbance plays a significant role in the choice of feeding sites; geese prefer to use fields away from roads⁷⁵.
- 4.77 Goose feeding records collected by East Lothian Council have been compared with the spatial locations within the proposed East Lothian LDP. Five of the spatial proposals coincide or lie close to records for pink-footed geese use.

⁶⁹ Frost, *et al*, 2016

⁷⁰ SNH, 2016

⁷¹ SNH, 2011

⁷² Gill, 1996

⁷³ Stenhouse, 1996; Bell, 1988

⁷⁴ Cranswick, 1992

⁷⁵ Gill, 1996

- 4.78 There is a single record from October 2011 of 800 pink-footed geese feeding on stubble at NT446758. This lies within the area allocated for PS1 Longniddry. This site appears to be one of the most westerly feeding sites recorded and there are no other records of goose feeding from nearby. Consequently, the site is not considered to be an important feeding area.
- 4.79 There is a single record of 90 pink-footed geese feeding on grass to the northwest (NT584772) of DR8 Pencraig Hill, East Linton, which dates from February 2013. The site is located towards the southern recorded range of feeding sites. As it has only been used on a single occasion by a small number of geese, it is not considered an important feeding area.
- 4.80 There are three proposals within Gullane, which overlap or lie adjacent to known pink-footed geese feeding areas:
 - NK7 Saltcoats, Gullane:
 - NK8: Fenton Gait East, Gullane
 - NK9: Fenton Gait South, Gullane
- 4.81 Between 500 and 2000 geese were recorded on one day in October 2015 from various locations around NT490824 and NT491821. The northernmost of these locations lies within the southern boundary of NK7 Saltcoats. There are other feeding records to the south and east of the site.
- 4.82 Looking at the distribution of feeding records, it appears that the area to the east and south of Gullane is one of the main feeding areas for pink-footed goose. The westward extent of this feeding area may be influenced by disturbance from the edge of the village. The proposed developments, particularly NK7, would result in the loss of a field used for feeding and also bring disturbance closer to the feeding area. This is predicted to reduce the attractiveness of this area to foraging geese.
- 4.83 The loss of a single field is not considered to be sufficient to influence the survival of geese to the extent that it would have an adverse effect upon the integrity of the Firth of Forth SPA. This is particularly the case given the background of goose populations being in favourable condition, and the fact that the use of particular fields will vary depending on the cropping regime.
- 4.84 There is some uncertainty about the level of disturbance that would result cumulatively from the three proposals (NK7, NK8, NK9) and whether this would result in a decline in goose numbers or use of the area leading to an adverse effect upon the integrity of the Firth of Forth SPA. The quality of food available and the closeness of the feeding areas to the roost site will act as a powerful draw to the geese. Many birds, including geese, will tolerate "predictable" movements along roads and paths, but are less tolerant of pedestrians walking through fields.
- 4.85 To remove uncertainty about effects, mitigation has been included within the LDP. HRA and Appropriate Assessment will be required for proposals NK7, NK8 and NK9. This is required to consider, in particular, the cumulative effect of development of all three allocations. It is considered that this mitigation meets the tests set out in paragraph 3.2 of this report. The project-level Appropriate Assessment will be informed by surveys of goose use and feeding behaviour in

the area. There is flexibility and scope for inclusion of mitigation to reduce effects, for example, through planting visual barriers between the developments and the feeding areas. There is also scope, if necessary, for developers to identify mitigation measures such as supplementary feeding or habitat improvements off-site to offset any increase in disturbance or loss of feeding areas. Provision of habitat improvement measures outwith the boundary of an SPA to offset effects to other habitat outwith the boundary of the same SPA can be considered as mitigation⁷⁶.

- 4.86 There are some additional pink-footed goose records from grid references that are within a few hundred metres of proposed spatial allocations, but these are separated from the proposed sites by major landscape features such as the A1 and the A199 and so are not considered to contribute to cumulative effects.
- 4.87 An appropriate assessment was carried out to accompany the Blindwells Development Framework⁷⁷. Low numbers of pink-footed goose were seen to fly over the site, and some goose droppings were found by the pond. However, it was concluded that the site was not important for this species, and that the proposals would not have an adverse effect upon the integrity of the pink-footed goose qualifying interest of the Firth of Forth SPA.

⁷⁶ Hargreaves v Secretary of State for Communities and Local Government, Wyre Borough Council, Cornwall Light and Power Company Ltd (2011) EWHC 1999 (2nd August 2011)

⁷⁷ Scott Wilson, 2010

Table 4.2: Wader species recorded from tetrads containing spatial allocations, and associated habitat (determined through examination of aerial photos and images on google maps) N.B. the presence of a species within a tetrad is NOT necessarily an indication that birds use habitat within the proposal area; factors such as disturbance or management may make the site unattractive.

	Habitat	Curlew	Oystercatcher	Redshank	Grey Plover	Golden Plover	Lapwing	Comments
ED2 Part A: Preston Lodge High School	Permanent improved grassland	\checkmark	\checkmark	\checkmark		V	\checkmark	Site considered too disturbed to support golden plover & lapwing
ED6 Part A: Dunbar Grammar	Permanent improved grassland	\checkmark	\checkmark	\checkmark	~	~	\checkmark	Site considered too disturbed to support golden plover, grey plover & lapwing
ED7 Part A North Berwick High School expansion	Permanent improved grassland	\checkmark	\checkmark	✓	\checkmark			Site considered too disturbed to support grey plover
ED7 Part Bii Law Primary School additional campus land	Permanent grassland	\checkmark	\checkmark	\checkmark	\checkmark			Site considered too disturbed to support grey plover
OS5 New Cemetery locations:								
Dunbar	Tilled land/ woodland	\checkmark	~	\checkmark				
Direlton Cemetery extension	Tilled land	\checkmark	~	\checkmark		\checkmark	\checkmark	

	Habitat	Curlew	Oystercatcher	Redshank	Grey Plover	Golden Plover	Lapwing	Comments
Whitekirk	Grassland	\checkmark			FIUVEI	Flover		
T3: Segregated Active Travel Corridor	Various	?	?	?	?	?	?	Route passes through various habitats and many tetrads
T9: Safeguarding of Land for Larger Station Car Parks								
Musselburgh	Tilled land	\checkmark	\checkmark	\checkmark		\checkmark	\checkmark	
Longniddry	Tilled land	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	
T10: Safeguarding Land for Platform Lengthening								
Musselburgh	Tilled land	\checkmark	\checkmark	\checkmark		\checkmark	\checkmark	
Wallyford	Permanent grassland/ Tilled land	\checkmark	\checkmark	\checkmark		~	\checkmark	
Prestonpans	Tilled land/ grassland	\checkmark				\checkmark	\checkmark	
Longniddry	Tilled land	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	
Dunbar	Grassland	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	
T11: Safeguard Land for improvements to Musselburgh Station	Tilled land	~	\checkmark	\checkmark		~	\checkmark	
T15: Old Craighall A1 (T) Junction improvements	Tilled land	\checkmark	\checkmark	\checkmark		\checkmark	\checkmark	
T17: A1(T) Interchange Improvements								
Salter's Road	Tilled land		\checkmark				\checkmark	
Bankton Junction	Tilled land/ woodland						\checkmark	
Gladsmuir junction	Mainly tilled land, some permanent		\checkmark					

	Habitat	Curlew	Oystercatcher	Redshank	Grey Plover	Golden Plover	Lapwing	Comments
	grassland				Fluver	Flover		
MH1. Craighall, Musselburgh	Mainly tilled land. Small area of grassland & scrub	~	✓	✓		~	~	
MH2: Land at Old Craighall Village, Musselburgh	Grazed grassland	\checkmark	\checkmark	~		\checkmark	\checkmark	
MH3: Land at Old Craighall Junction South West, Musselburgh	Tilled land	V	V	V		V	~	
MH4: Land at Old Craighall Junction, Musselburgh	Scrub/ disturbed land	\checkmark	\checkmark	✓		~	~	
MH7. Pinkie Mains (intensification) Musselburgh	Tilled land	\checkmark			\checkmark	~	√	
MH8. Levenhall, Musselburgh	Tilled land	\checkmark	~	~		\checkmark	\checkmark	
MH9. Land at Wallyford	Tilled land		\checkmark			~	\checkmark	
MH10. Land at Dolphingstone	Tilled land	\checkmark	\checkmark	~		~	\checkmark	
MH12. Barbachlaw, Wallyford	Tilled land	\checkmark	\checkmark	~		~	\checkmark	
MH13. Howe Mire	Tilled land	\checkmark						
MH14. Land at Whitecraig south	Tilled land	\checkmark						
MH15. Land at Whitecraig North	Tilled land	\checkmark	~	~				
PS1. Longniddry South Sites listed in Table	Tilled land	\checkmark	✓	✓	\checkmark	\checkmark	\checkmark	

	Habitat	Curlew	Oystercatcher	Redshank	Grey Plover	Golden Plover	Lapwing	Comments
PS1:								
Mid Road Industrial Estate	Partially developed/ small grassland areas/ ruderal vegetation	~				√	~	
Whin Park/Cockenzie Business Centre	Partially developed/ small grassland areas	✓	√	\checkmark	✓	\checkmark	\checkmark	
BW1. Blindwells new settlement	Tilled land/ wetland	~	√*	~	√*	√*	√*	
BW2. Safeguarded Blindwells Expansion Area	Tilled land	~	√	~	~	~	\checkmark	
TT1. Windygoul South, Tranent	Tilled land					\checkmark		
TT4. Lammermoor Terrace, Tranent	Tilled land	~				~	\checkmark	
TT7. Macmerry North	Tilled land		\checkmark			\checkmark	\checkmark	
TT11. Elphinstone West	Tilled land					\checkmark		
DR2. Hallhill North, Dunbar	Tilled land	~	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	
DR5. Land at Newtonlees, Dunbar	Tilled land	\checkmark	√	~	\checkmark	\checkmark	\checkmark	
DR6. Beveridge Row Belhaven, Dunbar	Tilled land	~	~	~	\checkmark	\checkmark	\checkmark	
DR7. Land at Spott Road, Dunbar	Tilled land	\checkmark	\checkmark	~	\checkmark	~	\checkmark	
DR11. St John's Street, Spott	Tilled land	\checkmark	\checkmark					
Sites listed in Table DR1								
Station Road Field	Grassland	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	

	Habitat	Curlew	Oystercatcher	Redshank	Grey Plover	Golden Plover	Lapwing	Comments
Belhaven Hospital Field	Grassland/ruderal	✓	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	
NK1. Mains Farm, North Berwick	Tilled land	✓	\checkmark	\checkmark	\checkmark		\checkmark	
NK3. Gilsland, North Berwick	Tilled land	✓	\checkmark	\checkmark	\checkmark			
NK4. Land at Tantallon Road, North Berwick	Tilled land	✓	\checkmark	\checkmark	\checkmark			
NK5. Land at Ferrygate Farm, North Berwick	Tilled land	✓	\checkmark	\checkmark	\checkmark		\checkmark	
NK10. Aberlady West	Tilled land		\checkmark	\checkmark			\checkmark	

Note: * Species not recorded during species surveys to inform an Appropriate Assessment to accompany the development Framework for Blindwells⁷⁸.

⁷⁸ Scott Wilson. 2010.

FALA FLOW SPA AND GLADHOUSE RESERVOIR SPA

- 5.1 Maps showing the feeding areas used by pink-footed goose associated with Fala Flow SPA and Gladhouse Reservoir SPA are available (Mitchell, 2012).
- 5.2 Few of the mapped feeding areas for pink-footed goose that are a qualifying interest of Gladhouse Reservoir SPA are within East Lothian, and these overlap with feeding areas mapped for Aberlady Bay. Based on the scale of maps that are available, it does not appear that any of the proposals within the East Lothian LDP are for locations mapped as feeding areas for pink-footed geese that roost at Gladhouse Reservoir.
- 5.3 It has been suggested that pink-footed geese roosting at Fala Flow SPA, disperse to feeding sites within 5 km of the site⁷⁹, although other maps suggest that the northern extent of the feeding area may extend into East Lothian⁸⁰. These feeding areas overlap with sites identified as feeding areas for geese that roost at Gladhouse Reservoir and Aberlady Bay. Based on the scale of maps, the only proposal within the LDP that has been identified as lying within the mapped feeding areas is PS1 Longniddry. Effects of loss of this area have been considered in paragraphs 4.77.
- 5.4 It is concluded that the proposals will not have an adverse effect upon the integrity of the pink-footed goose qualifying interest of Fala Flow SPA or Gladhouse Reservoir SPA.

IN COMBINATION EFFECTS BETWEEN MRE ARISING FROM EAST LOTHIAN PROPOSED LDP AND OTHER POLICIES/PLANS

Loss of /disturbance whilst using inland habitat of potential value as high tide roost sites by qualifying interests.

- 6.1 Wading birds that are a qualifying interest of the Firth of Forth SPA are found at various locations around the Forth coastline. These species will tend to use inland roost sites that are close to their main coastal feeding areas, to reduce energy expenditure during the winter. Each of the LDPs listed in Table 6.1 will result in the loss of small areas of potential habitat for qualifying interests, although there is limited information as to whether any of these areas are used. In combination effects would only be anticipated if the scale of loss of habitat within one local authority area acted to displace birds to use high tide roost sites within an adjoining local authority.
- 6.2 The scale of loss of potential habitat for wader species was discussed in paragraphs 4.33 4.72. There is limited information as to whether any of these sites are actually used by any of the qualifying interests, and the majority of sites are considered to probably be unsuitable, owing to their habitat. However, even under a "worst case" scenario, no displacement of waders to inland roosting sites beyond the boundary of East Lothian is anticipated. It is concluded there will be no adverse effects upon the integrity of the Firth of Forth SPA.

⁷⁹ Brown & Brown, 2011

⁸⁰ Mitchell, 2012

Loss of/ disturbance whilst using inland habitat of potential value to Pink-footed Goose.

6.3 The proposals will not result in any displacement of feeding geese to neighbouring local authority areas. There will be no adverse effects upon the integrity of the Firth of Forth SPA.

Increased disturbance of QI at coast resulting from elevated levels of recreation associated with new housing developments.

6.4 MRE were identified for three qualifying interest species as a result of recreational use of the coast: Golden plover, bar-tailed godwit and grey plover. Golden plover and bar-tailed godwit were also identified as receiving MRE from proposals arising from the Falkirk LDP⁸¹, but were not identified as sensitive to disturbance from proposals arising from the Clackmannanshire LDP⁸². The scale of the combined residual effects arising from each plan will not result in adverse effects upon the integrity of the Firth of Forth SPA.

CONCLUSIONS

- 7.1 The "test" of effects on integrity is made by reference to the Conservation Objectives of a European Site. The Conservation Objectives for the Firth of Forth SPA, Fala Dam SPA and Gladhouse Reservoir were set out in Appendix A.
- 7.2 With the inclusion of the mitigation measures outlined above, the proposals within the East Lothian LDP will not have an adverse effect upon the integrity of the:
 - Firth of Forth SPA,
 - Fala Dam SPA; and/or
 - Gladhouse Reservoir SPA

either alone or in combination with other projects and plans.

⁸¹ Falkirk Council, 2015

⁸² Clackmannanshire Council, 2013

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APPENDIX A: IDENTIFICATION OF EUROPEAN SITES

Qualifying Interests	Condition Status	Conservation Objectives	Site Pressures	Connectivity pathways, vulnerability & potential effects of plan	Conclusions
Firth of Forth SPA	I	I			
Bar-tailed godwit (Limosa lapponica)	Favourable Declining	To avoid deterioration of the habitats	Game or fisheries	Parts of the East Lothian shoreline lie	Include in
Common scoter (Melanitta nigra)*	Unfavourable Declining	of the qualifying species or	<u>management</u> (bar-tailed	within the boundary of the SPA, and	screening exercise.
Cormorant (Phalacrocorax carbo)*	Favourable Maintained	significant disturbance to the	godwit, cormorant, grey	some of the qualifying interests use	
Curlew (Numenius arquata)*	Favourable Maintained	qualifying species, thus ensuring that the integrity of the site is	plover)	inland areas for feeding/roosting.	
Dunlin (Calidris alpina alpina)*	Favourable Declining	the integrity of the site is maintained; and	Recreation/ disturbance	 Potential connective pathways are: Proposals that would lead to a loss 	
Eider (Somateria mollissima)*	Favourable Declining		(bar-tailed godwit, grey	of habitat within the SPA;	
Golden plover (Pluvialis apricaria)	Favourable Maintained	To ensure for the qualifying species	plover)	• Proposals that would lead to	
Goldeneye (Bucephala clangula)*	Unfavourable Declining	that the following are maintained in		disturbance of qualifying species	
Great crested grebe (Podiceps	Unfavourable Declining	the long term:	Natural event (dunlin, great-	(both at coast and inland roosting	
cristatus)*		 Population of the species as a visible component of the site 		sites);	
Grey plover (Pluvialis squatarola)*	Favourable Declining	viable component of the site	red-breasted merganser, shelduck)	 Proposals that would lead to loss 	
Knot (Calidris canutus)	Unfavourable Declining	 Distribution of the species within site 		of inland habitat used by qualifying interests.	
Lapwing (Vanellus vanellus)*	Favourable Maintained	Distribution and extent of	Pressure to be identified	 Proposals that would lead to a 	
Long-tailed duck (Clangula hyemalis) *	Unfavourable Declining	habitats supporting the species	(seabird assemblage,	decline in water quality for	
Mallard (Anas platyrhnchos)*	Unfavourable Declining	• Structure, function and	common scoter, goldeneye)	Qualifying Interests.	
Oystercatcher (Haematopus ostralegus)	Favourable Maintained	supporting processes of			
Pink-footed goose (Anser	Favourable Maintained	habitats supporting the species			
brachyrhynchus)		No significant disturbance of			
Red-breasted merganser (Mergus	Favourable Declined	the species			
serrator)*					
Redshank (Tringa totanus)	Favourable Maintained				
Red-throated diver (Gavia stellata)	Favourable Maintained				
Ringed plover (Charadrius hiaticula) *	Favourable Maintained				
Sandwich tern (Sterna sandvicensis)	Favourable Declining				
Scaup (Aythya marila) *	Unfavourable Declining				
Shelduck (Tadorna tadorna)	Favourable Declining				
Slavonian grebe (Podiceps auritus)	Favourable Declining				
Turnstone (Arenaria interpres)	Favourable Maintained				
Velvet scoter (Melanitta fusca)*	Favourable Maintained				
Wigeon (Anas penelope)*	Favourable Recovered				
Waterfowl assemblage	Favourable Declining				
*Indicates assemblage qualifier only					
Forth Islands SPA	·	· · · · · · · · · · · · · · · · · · ·			
Arctic tern (Sterna paradisaea)	Favourable Declining	To avoid deterioration of the habitats	Inter-specific competition	The SPA lies offshore from East Lothian.	Include in
Common tern (Sterna hirundo)	Favourable Maintained	of the qualifying species or	(Arctic tern)	Potential connective pathways are:	screening exercise.
Cormorant (Phalacrocorax carbo)*	Favourable Declining	significant disturbance to the	Brosonco or changing ovtent	 Proposals that would affect the guality of fooding habitat (
Fulmar (<i>Fulmarus glacialis</i>)*	Favourable Maintained	qualifying species, thus ensuring that the integrity of the site is		quality of feeding habitat/ availability of prey for common	
Gannet (Morus bassanus)	Favourable Maintained	maintained; and	seabird assemblage)	terns (e.g. effects on sediment	
Guillemot (Uria aalge)*	Favourable Maintained			levels).	
Herring gull (Larus argentatus)*	Favourable Maintained	To ensure for the qualifying species		Proposals that would lead to	
Kittiwake (<i>Rissa tridactyla</i>)*	Unfavourable Declining	that the following are maintained in	responsible for condition	increased disturbance of the	

Qualifying Interests	Condition Status	Conservation Objectives	Site Pressures	Connectivity pathways, vulnerability & potential effects of plan	Conclusions
Lesser black-backed gull (<i>Larus fuscus</i>) Puffin (<i>Fratercula arctica</i>) Razorbill (<i>Alca torda</i>)* Roseate tern (<i>Sterna dougallii</i>) Sandwich tern (<i>Sterna sandvicensis</i>) Shag (<i>Phalacrocorax aristotelis</i>) Seabird assemblage *indicates seabird assemblage qualifier only	Favourable Maintained Favourable Maintained Favourable Maintained Unfavourable Declining Unfavourable Declining Unfavourable Recovering	 the long term: Population of the species as a viable component of the site Distribution of the species within site Distribution and extent of habitats supporting the species Structure, function and supporting processes of habitats supporting the species No significant disturbance of the species 	(guillemot, kittiwake, razorbill)	qualifying interests at their breeding or feeding sites.	
Imperial Dock Lock, Leith SPA			-		
<u>Breeding populations</u> : Common tern S <i>terna hirundo</i>	Favourable Maintained	To avoid deterioration of the habitats of the qualifying species (listed below) or significant disturbance to the qualifying species, thus ensuring that the integrity of the site is maintained; and	None identified	 The SPA lies to the west of East Lothian. Potential connective pathways are: Proposals that would affect the quality of feeding habitat/availability of prey for common terns (e.g. effects on sediment levels). 	Include within screening exercise
Isle of May SAC		 To ensure for the qualifying species that the following are maintained in the long term: Population of the species as a viable component of the site Distribution of the species within site Distribution and extent of habitats supporting the species Structure, function and supporting processes of habitats supporting the species No significant disturbance of the species 			
		To sold deterior time of the	December (share) and the f	The CAC line of the set from Front Lothing	La alconta a settetta
Grey seal <i>Halichoerus grypus</i> Reefs	Favourable Maintained Favourable Maintained	To avoid deterioration of the qualifying habitat thus ensuring that the integrity of the site is maintained and the site makes an appropriate contribution to achieving favourable conservation status for each of the qualifying features; and To ensure for the qualifying habitat that the following are maintained in the long term: • Extent of the habitat on site	invasive non-native species & water management water Dependant Pressure- morphological alteration (Reefs)	 The SAC lies offshore from East Lothian. Potential connective pathways are: Proposals that will have an effect on the grey seals, which are a qualifying feature of the SAC; Proposals that would lead to changes in water quality or habitat structure of the reefs. 	Include within screening exercise.

Qualifying Interests	Condition Status	Conservation Objectives	Site Pressures	Connectivity pathways, vulnerability & potential effects of plan	Conclusions
		 habitat Processes supporting the habitat Distribution of typical species of the habitat Viability of typical species as components of the habitat No significant disturbance of typical species of the habitat 			
Firth of Tay and Eden Estuary SAC	Not assessed	Habitats:	Recreation / disturbance	The SAC boundary lies over 20 miles to	Include within
Estuaries Intertidal mudflats and sandflats Subtidal sandbanks Common seal <i>Phoca vitulina</i>	Not assessed Favourable Maintained Favourable Declining	 Habitats: To avoid deterioration of the qualifying habitats thus ensuring that the integrity of the site is maintained and the site makes an appropriate contribution to achieving favourable conservation status for each of the qualifying features; and To ensure for the qualifying habitats that the following are maintained in the long term: Extent of the habitat on site Distribution of the habitat within site Structure and function of the habitat Processes supporting the habitat Distribution of typical species of the habitat Viability of typical species as components of the habitat. Species: To avoid deterioration of the habitats of the qualifying species or significant disturbance to the qualifying species, thus ensuring that the integrity of the site is maintained and the site makes an appropriate conservation status for each of the qualifying features; and 	(Intertidal mudflats and	The SAC boundary lies over 20 miles to the north of East Lothian. Potential connective pathways are: • Proposals that could have an effect on common seals, which are a qualifying interest of the SAC.	
		 To ensure for the qualifying species that the following are maintained in the long term: Population of the species as a viable component of the site 			

Qualifying Interests	Condition Status	Conservation Objectives	Site Pressures	Connectivity pathways, vulnerability & potential effects of plan	Conclusions
		 Distribution of the species within site Distribution and extent of habitats supporting the species Structure, function and supporting processes of habitats supporting the species No significant disturbance of the species 			
Berwickshire and North Northumberland	Coast SAC				1
Large shallow inlets and bays Intertidal mudflats and sandflats	Not assessed Not assessed Favourable Maintained Favourable Maintained	 Habitats: To avoid deterioration of the qualifying habitats thus ensuring that the integrity of the site is maintained and the site makes an appropriate contribution to achieving favourable conservation status for each of the qualifying features; and To ensure for the qualifying habitats that the following are maintained in the long term: Extent of the habitat on site Distribution of the habitat within site Structure and function of the habitat Processes supporting the habitat Distribution of typical species of the habitat Viability of typical species as components of the habitat No significant disturbance of typical species or significant disturbance to the qualifying species, thus ensuring that the integrity of the site is maintained and the site makes an appropriate contribution to achieving favourable conservation status for each of the qualifying species, thus ensuring that the integrity of the site is maintained and the site makes an appropriate contribution to achieving favourable conservation status for each of the qualifying species, and 	No negative pressures	The eastern boundary of East Lothian lies less than 20 miles from the northern boundary of the SAC. Potential connective pathways are: • Proposals that would have an effect on grey seals, which are a Qualifying Interest of the SAC.	
		 Population of the species as a viable component of the site 			

Qualifying Interests	Condition Status	Conservation Objectives	Site Pressures	Connectivity pathways, vulnerability & potential effects of plan	Conclusions
River Teith SAC River lamprey Lampetra fluviatilis Brook lamprey Lampetra planeri Sea lamprey Petromyzon marinus Atlantic salmon Salmo salar	Favourable Maintained Favourable Maintained Unfavourable Declining Unfavourable recovering	 Distribution of the species within site Distribution and extent of habitats supporting the species Structure, function and supporting processes of habitats supporting the species No significant disturbance of the species To avoid deterioration of the habitats of the qualifying species or significant disturbance to the qualifying species, thus ensuring that the integrity of the site is maintained and the site makes an appropriate contribution to achieving favourable conservation status for each of the qualifying features; and To ensure for the qualifying species that the following are maintained in the long term: Population of the site Distribution of the site Distribution of the species within site Distribution and extent of habitats supporting the species Structure, function and supporting processes of 	brook lamprey, river lamprey, sea lamprey) <u>Invasive species</u> (salmon) <u>Water quality</u> (salmon, brook lamprey, river lamprey, sea lamprey) <u>Water management (flow</u> regulation, abstraction, point source pollution) (brook lamprey, river	The SAC lies approximately 60 km (measured along the course of the Forth) to the west of East Lothian. Some of the Qualifying Interests are migratory and will pass the shores of East Lothian. Potential connective pathways are: • Proposals that will alter water quality; • Proposals that will act as barriers to migration.	
		 habitats supporting the species No significant disturbance of the species 			
Moray Firth SAC	l		1	1	1
Subtidal sandbanks	Favourable Maintained	Habitats:	No negative pressures	This site is located in excess of 100	No further
Bottlenose dolphin <i>Tursiops truncatus</i>	Favourable Recovered	To avoid deterioration of the qualifying habitat thus ensuring that the integrity of the site is maintained and the site makes an appropriate contribution to achieving favourable conservation status for each of the qualifying features; and		miles as the crow flies from East Lothian, and significantly further by sea. Whilst Bottlenose dolphin is a mobile species, there are few reports of this species within the Firth of Forth ⁸³	
		To ensure for the qualifying habitat that the following are maintained in the long term:			

⁸³ Thompson, 2011. Thompson, P. M., Cheney, B., Ingram, S., Stevick, P., Wilson, B. & Hammond, P. S. (Eds). 2011. Distribution, abundance and population structure of bottlenose dolphins in Scottish waters. Scottish Government and Scottish Natural Heritage funded report. Scottish Natural Heritage Commissioned Report No. 354

Qualifying Interests	Condition Status	Conservation Objectives	Site Pressures	Connectivity pathways, vulnerability & potential effects of plan	Conclusions
		 Extent of the habitat on site Distribution of the habitat within site Structure and function of the habitat Processes supporting the habitat Distribution of typical species of the habitat Viability of typical species as components of the habitat No significant disturbance of typical species of the habitat Species: To avoid deterioration of the habitats of the qualifying species or significant disturbance to the qualifying species, thus ensuring that the integrity of the site is maintained and the site makes an appropriate contribution to achieving favourable conservation status for each of the qualifying features; and To ensure for the qualifying species as a viable component of the site Distribution of the species as a viable component of the site Distribution and extent of habitats supporting the species 			
		 habitats supporting the species No significant disturbance of the species 			
Firth of Forth and St Andrews Bay Comp	lex dSPA				
Red-throated diver Gavia stellata	Not assessed	Under development	Not Known	This is a new marine site designated for species that spend most/all of their	
Slavonian grebe <i>Podiceps auritus</i>				time at sea. Potential connective	
Little gull Larus minutus				pathways are:	
Common tern Sterna hirundo				Proposals that will alter water	
Arctic tern Sterna paradisaea				quality;	
Common eider Somateria mollissima				Proposals that will create	
Long-tailed duck Clangula hyemalis				disturbance/changes to habitat	
Common scoter Melanitta nigra				quality offshore.	
Velvet scoter Melanitta fusca					
Goldeneye Bucephala clangula					

serrator Northern gannet Morus bassanus Manx shearwater Puffinus puffinus Razorbill Alca torda Atlantic puffin Fratercula arctica European shag Phalacrocorax aristotelis Black -leaged kittiwake Rissa tridactyla Common guillemot Uria adge Black -leaged guil Chroicocephalus ridibundus Common guil Larus canus Herring guil Larus argentatus River Tweed SAC River Tweed SAC River Lampetra planeri Ottre Lutra Brook lamprey Lampetra planeri Ottre Lutra River Lampetra fluviatilis Sea lamprey Petromyzon marinus Unfavourable No Change Unfavourable No Change Unfavourable No Change Cast continue Attantic salmon Salmo salar Brook lamprey Lampetra fluviatilis Sea lamprey Petromyzon marinus Unfavourable No Change Unfavourable No	Qualifying Interests	Condition Status	Conservation Objectives	Site Pressures	Connectivity pathways, vi potential effects o
 Processes supporting the habitat Distribution of typical species of the habitat Viability of typical species as components of the habitat No significant disturbance of typical species of the habitat Species: To avoid deterioration of the habitat of the qualifying species of the site is maintained and the site makes an appropriate contribution to achieving favourable conservation status for each of the qualifying features; and 	serrator Northern gannet Morus bassanus Manx shearwater Puffinus puffinus Razorbill Alca torda Atlantic puffin Fratercula arctica European shag Phalacrocorax aristotelis Black-legged kittiwake Rissa tridactyla Common guillemot Uria aalge Black headed gull Chroicocephalus ridibundus Common gull Larus canus Herring gull Larus argentatus River Tweed SAC Rivers with floating vegetation often dominated by water-crowfoot Atlantic salmon Salmo salar Brook lamprey Lampetra planeri Otter Lutra lutra River lamprey Lampetra fluviatilis	Unfavourable No Change Favourable Maintained Unfavourable No Change Favourable Maintained Unfavourable No Change	Habitats: To avoid deterioration of the qualifying habitat (listed below) thus ensuring that the integrity of the site is maintained and the site makes an appropriate contribution to achieving favourable conservation status for each of the qualifying features; and To ensure for the qualifying habitat that the following are maintained in the long term: • Extent of the habitat on site • Distribution of the habitat within site • Structure and function of the habitat • Processes supporting the habitat • Distribution of typical species of the habitat • Viability of typical species as components of the habitat • No significant disturbance of typical species of the habitat Species: To avoid deterioration of the habitats of the qualifying species or significant disturbance to the qualifying species, thus ensuring that the integrity of the site is maintained and the site makes an appropriate contribution to achieving favourable conservation status for each of the	Agriculturaloperations(salmon)Climate change(salmon)Invasive species(salmon)Invasive species(salmon)Over-grazing(salmon)Waterwatermanagement(abstraction, morphologicalalteration, point sourcepollution, diffuse sourcepollution)(salmon)Watermanagement(morphologicalalteration,point source pollution, flowregulation, diffuse sourcepollution, abstraction)(brook lamprey)Forestry operations(otter)Watermanagement(morphologicalalteration, diffusesourcepollution, diffusesourcepollution, diffusesourcepollution, jlowregulation, diffusesourcepollution), (river lamprey)Water quality (river lamprey)Invasive species(rivers with	A small part of the Twee lies within the boundary of Potential connective pathw • proposals that woul quality in the Tweed • proposals that wou ability of migratory (e.g. otter) to use h tributaries of the Tw

rulnerability & of plan	Conclusions
eed catchment f East Lothian. ways are: ld alter water d catchment; ould influence and mobile QI headwaters of veed.	Include within screening exercise.

Qualifying Interests	Condition Status	Conservation Objectives	Site Pressures	Connectivity pathways, vulnerability & potential effects of plan	Conclusions
		 that the following are maintained in the long term: Population of the species, including range of genetic types for salmon, as a viable component of the site Distribution of the species within site Distribution and extent of habitats supporting the species Structure, function and supporting processes of habitats supporting the species No significant disturbance of the species 			
Fala Flow SPA					
Pink-footed goose Anser brachyrhynchus	Favourable Maintained	 To avoid deterioration of the habitats of the qualifying species or significant disturbance to the qualifying species, thus ensuring that the integrity of the site is maintained; and To ensure for the qualifying species that the following are maintained in the long term: Population of the species as a viable component of the site Distribution of the species within site Distribution and extent of habitats supporting the species Structure, function and supporting processes of habitats supporting the species 	No negative pressures	Site lies outwith the boundary of East Lothian. The qualifying interests have been recorded as foraging within East Lothian ⁸⁴ . Potential connective pathways are: • Loss of foraging areas.	
Greenlaw Moor SPA					
Pink-footed goose Anser brachyrhynchus	Favourable Maintained	To avoid deterioration of the habitats of the qualifying species or significant disturbance to the qualifying species, thus ensuring that the integrity of the site is maintained; and To ensure for the qualifying species that the following are maintained in the long term:	No Negative Pressures	Site lies outwith the boundary of East Lothian. The qualifying interests have not been recorded as foraging within East Lothian ⁸⁵ .	

⁸⁴ Mitchell, 2012 ⁸⁵ Mitchell, 2012

Qualifying Interests	Condition Status	Conservation Objectives	Site Pressures	Connectivity pathways, vu potential effects of
		 Population of the species as a viable component of the site Distribution of the species within site Distribution and extent of habitats supporting the species Structure, function and supporting processes of habitats supporting the species No significant disturbance of the species 		
Gladhouse Reservoir SPA		•	1	1
Pink-footed goose Anser brachyrhynchus	Unfavourable Declining	 To avoid deterioration of the habitats of the qualifying species or significant disturbance to the qualifying species, thus ensuring that the integrity of the site is maintained; and To ensure for the qualifying species that the following are maintained in the long term: Population of the species as a viable component of the site Distribution of the species within site Distribution and extent of habitats supporting the species Structure, function and supporting processes of habitats supporting the species 	Water management - flow regulation	Site lies outwith the boun Lothian. The qualifying in been recorded as foraging Lothian ⁸⁶ . Potential pathways are: • Loss of foraging areas.

s, vulnerability & ts of plan	Conclusions
poundary of East g interests have aging within East tial connective reas.	Include within screening exercise.

⁸⁶ Mitchell, 2012

APPENDIX B: POLICIES WHICH WERE REDRAFTED TO AVOID AMBIGUITY AND ACHIEVE CERTAINTY OVER EFFECTS

Policy	Reason
TOUR1: Archerfield Estate, Direlton	This policy is carried forwards from the previous local plan. It is a general policy statement in support of golf based tourism, and does not specify the nature and type of any development that may arise from the policy, and may just support existing development. The policy relates to an area that is adjacent to the coast, and which lies in a tetrad where high numbers of two qualifying interests (pink-footed goose and curlew) have been recorded. Some forms of development consistent with the policy can be implemented,
TOUR3: Dunbar Castle Vaults	but others could give rise to LSE. This policy is carried forwards from the previous local plan, where it was screened out of the HRA. It is aimed at enabling access to the vaults under the castle, without promoting any particular form of development. The proposal is for a coastal location and a number of qualifying interest species of the Firth of Forth SPA have been recorded from the tetrad (pink-footed goose, curlew, Golden plover, Grey Plover, Lapwing, Oystercatcher and Redshank).
T3: Segregated Active Travel Corridor	An indicative route has been produced, which broadly follows existing transport routes, and looks to avoid habitats used by qualifying interests of the Firth of Forth SPA. As the route has yet to be finalised, deviations from the proposed route will need to be screened for likely effects upon European sites.
T9: Safeguarding of Land for Larger Station Car Parks; T10: Safeguarding Land for Platform lengthening; T11 Safeguarding of land for Musselburgh "Parkway" station; T12 Railway Station Safeguarding at East Linton	These policies relate to allowing expansion of public transport links. Whilst these are likely to be situated adjacent to existing developments, no boundaries have yet been defined, and the safeguarded areas may extend into areas of potentially suitable habitat for up to seven of the Qualifying Interests of the Firth of Forth SPA. There is insufficient information at this stage to be able to assess whether these adjoining areas are used by Qualifying Interests.
T13: East Coast Main Line: Four Track Section, New Rail Station and Vehicular Overbridge	This proposal allows for the expansion of the capacity of the rail network. An indicative location has been identified, but this has not yet been fixed. As there is uncertainty about the location, proposals will have to be screened for HRA.
T14: Longniddry-Haddington Route Safeguard	The policy is safeguarding an existing access route, but also makes provision for development of supporting infrastructure - the nature and location of which is unknown. The route itself in its current form is unlikely to be supporting habitat for the QI of the Firth of Forth SPA, but adjoining locations could be supporting habitat.
T15: Old Craighall A1(T) Junction Improvements	This policy allows for changes to the road layout. As the precise locations have not been agreed, the need for screening for HRA has been included to provide certainty about effects.

Policy	Reason
T18: Land Safeguard for Trunk Road Interchange at Adniston and Eastern Tranent By-pass	Policy allows for junction upgrade, but there is flexibility about location.
WD1: Windfarms; WD2: Smaller scale wind turbine development; WD3: All Wind Turbines	These three policies set out general criteria that will be used to assess the acceptability of applications for either windfarms or individual turbines.
EGT1: Land at Former Cockenzie Power Station	The policy safeguards the site for thermal energy generation in line with requirements set out in NPF3. However, there are no details of the nature or type of generation that might be introduced. As the site is adjacent to the coast, there is the potential for effects upon European sites.
EGT3: Forth Coast Area of Co-ordinated Action	This policy enables the onshore infrastructure necessary for offshore energy generation. At this stage the nature, type and location(s) of any proposals under this policy are unknown. However, there is the potential for certain types of activity or locations to have Likely Significant Effects or Minor Residual Effects.
DC4: New Build housing in the Countryside	This is a criteria-based policy that allows new housing in the countryside. At this stage it is difficult to know where proposals might be located. There is potential for proposals in areas that are important high tide roost sites for Qualifying Interests.
DC5: Housing as enabling development	This is a criteria-based policy that allows new housing in the countryside, if it enables other benefits. At this stage it is difficult to know where proposals might be located. There is potential for proposals in areas that are important high tide roost sites for Qualifying Interests.
DC6: Development in the coastal area	General criteria for when development in the coastal area will be permissible.
CH9: High Street/Inch View, Prestonpans	This policy is carried forwards from the previous local plan, when it was screened out as being a protective policy. This is a criteria-based policy, which sets out factors to be considered if development comes forward in certain areas but does not on its own promote or enable development in these areas, or specify the type or location of development that may be acceptable.
MIN9: Supporting Information	The policy sets out the information that may be required to support applications for mineral extraction.
OS5: Potential Cemetery extensions Dunbar Cluster - Land adjacent Deer Park Cemetery; Direlton Graveyard; Whitekirk Cemetery	Some of the areas of land that adjoin these cemeteries are of potential value to qualifying interests.
MH1: Land at Craighall, Musselburgh	This allows for mixed use development near Musselburgh. This allocation is one of several that could result in the loss of potential habitat for wader species, particularly lapwings. Mitigation is possible, once the

Policy	Reason
	nature and scale of any effects is understood through a project-specific HRA/AA.
MH9: Land at Wallyford; MH10: Land	These three developments may contribute to the cumulative loss of potential habitat for wader species.
at Dolphingstone; & MH13: Land at	Mitigation is possible, once the nature and scale of any effects is understood through a project-specific
Howe Mire, Wallyford	HRA/AA. Information to inform the HRA has been submitted with an application for these sites.
NK7: Saltcoats, North Berwick; NK8:	These three developments to the south and east of Gullane have the potential to have cumulative effects
Fenton Gait East, Gullane; NK9:	upon pink-footed geese as a result of loss of and disturbance to feeding areas. Mitigation is possible, once
Fenton Gait South, Gullane.	the nature and scale of any effects is understood through a project-specific HRA/AA. This may include the
	need to provide mitigation measures off-site.

APPENDIX C: SUMMARY OF SCREENING OF POLICIES/PROPOSALS IN THE PROPOSED LDP AGAINST EUROPEAN SITES.

Appendix C is provided as a separate spreadsheet containing two worksheets:

Summ screen edit: This sheet provides a summary of the screening conclusions for each proposal within the East Lothian LDP for Likely Significant Effects (alone) upon each of the European sites. Screening criteria have followed those set out in SNH's guidance for appropriate assessment of local plans (SNH, 2015). The reasons for screening out particular proposals are indicated using the following numbering system:

1 = General Policy Statements

2 = Projects referred to in, but not proposed by, the plan

3a = Elements of the plan with no LSE on the European Site as they are intended to protect the natural or built environment

3b = Elements of the plan with no LSE on the European Site as they do not in themselves lead to development or other change.

3c = Elements of the plan that make provision for change, but there is no link or pathway between them and the qualifying interests of a European Site.

3d = Elements of the plan that make provision for change, but there is not likely to be a significant effect, but may give rise to Minor Residual Effects.

3e = Elements of the plan for which effects cannot be determined as the nature and location of any effects is unknown owing to the general nature of the plan.

Proposals marked in red are considered to have LSE on the relevant European site.

Proposals marked in brown are those that have Minor Residual effects and hence require consideration for cumulative effects within the plan, or in combination effects with other projects and plans

Further explanation of the criteria used in screening is provided in Section 2 of the HRA record.

MRE Cuml effects: This sheet lists those proposals that have been identified to have Minor Residual Effects and need to be considered cumulatively and in combination with other projects and plans for Likely Significant Effects upon European sites.

Proposals marked in red are considered to have LSE on the relevant European site. Proposals marked in orange are considered to have MRE, and hence require screening for cumulative and in combination effects.

Explanation and Key

This spreadsheet contains two worksheets:

proposal within the East Lothian LDP for Likely Significant Effects (alone) upon each of the European sites. Screening criteria have followed those set out in SNH's guidance for appropriate assessment of local plans (SNH, 2015). The reasons for screening out particular proposals are indicated using the following numbering system:

1 = General Policy Statements

2 = Projects referred to in, but not proposed by, the plan

3a = Elements of the plan with no LSE on the European Site as they are intended to protect the natural or built environment

3b = Elements of the plan with no LSE on the European Site as they do not in themselves lead to development or other change.

3c = Elements of the plan that make provision for change, but there is no link or pathway between them and the qualifying interests of a European Site.

3d = Elements of the plan that make provision for change, but there is not likely to be a significant effect, but may give rise to Minor Residual Effects.

3e = Elements of the plan for which effects cannot be determined as the nature and location of any effects is unknown owing to the general nature of the plan.

Proposals marked in red are considered to have LSE on the relevant European site.

Proposals marked in brown are those that have Minor Residual effects and hence require consideration for cumulative effects within the plan, or in combination effects with other projects

Further explanation of the criteria used in screening is provided in Section 2 of the HRA record.

MRE Cuml effects: This sheet lists those proposals that have been identified to have Minor Residual Effects and need to be considered cumulatively and in combination with other projects and plans for Likely Significant Effects upon European sites.

Summary of findings of screening for all European Sites				1		1					1			
			-			0								
						irth & Tay Eden Estuary SAC	SAC			swe				_
				mperial Dock, Leith SPA		Cinary	+-			Andrews				Gladhouse Reservoir SPA
		A	∢	.eith		ר Est	Berwickshire & North Vorthumberland Coast			St A PA	0		SPA	rvoir
		irth of Forth SPA	orth Islands SPA	, К	SAC	Edei	e & lanc	SAC	Aoray Firth SAC	Firth of Forth & St Bay complex dSPA	River Tweed SAC	Ψc	oor	le se
	st	For	land	Do	sle of May SAC	Tay	cshir nber	River Teith SAC	irth	. For	weed	ala Flow SPA	Greenlaw Moor	Ise F
	omments	h of	th Is	eria	of N	ч К	wick thur	er Te	ay F	h of con	er T	a Flo	enla	dhou
Policy/Proposal	5 S	Firt	For	gml	Isle	Firt	Ber Nor	Rive	Mor	Firt Bay	Rive	Fala	Gre	Gla
General Urban Development Policies TC1: Town centre first' principle		1	1	1	1	1	1	1	1	1	1	1	1	1
TC2: Town and local centres		1	1	1	1	1	1	1	1	1	1	1	1	1
TC3: Protection of local facilities		1	1	1	1	1	1	1	1	1	1	1	1	1
TC4: Hot food outlets		1	1	1	1	1	1	1	1	1	1	1	1	1
RCA1: Residential Character and Amenity Planning for Employment		1	1	1	1	1	1	1	1	1	1	1	1	1
	ual locations assessed	3e	3e	3e	3e	3c	3c	3c	3c	3c	3c	3c	3c	3c
EMP2: Operational Harbours		1												
Tourism Policies														
	al policy. No development identified. Mitigation added to e uncertainty.	1	3c	3c	3c	3c	3c	3c	3c	3d	3c	3c	3c	3c
TOUR2: Belhaven Chalets	suncertainty.	3b	3b	3b 3b	3b 3b	3b	3b 3b	3b 3b	3b	3b 3b	3C 3C	3b 3b	3b 3b	3b
TOUR3: Dunbar Castle Vaults Mitigatio	ion added to remove uncertainty.	3b	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c
TOUR4: Hotels and Guest Houses		1	1	1	1	1	1	1	1	1	3c	1	1	1
Planning for Housing HOU1: Established Housing Land		1	1	1	1	1	1	1	1	1	1	1	1	1
HOU2: Maintaining an Adequate 5-Year Effective					1	-	I	1	-	1	1	-	1	- 1
	ed under specific locations	3e	3e	3e	3e	3c	3c	3c	3c	3c	3c	3e	3c	3e
HOU3: Affordable Housing Quota		1	1	1	1	1	1	1	1	1	1	1	1	1
HOU4: Affordable Housing Tenure Mix		1	1	1	1	1	1	1	1	1	1	1	1	1
HOU5: Residential Care & Nursing Homes - Change of Use		1	1	1	1	1	1	1	1	1	1	1	1	1
											1	<u> </u>	· ·	
HOU6: Residential Care and Nursing Homes - Location		1	1	1	1	1	1	1	1	1	1	1	1	1
HOU7: Housing in Multiple Occupation		1	1	1	1	1	1	1	1	1	1	1	1	1
HOU8: Gypsy/Travellers' Sites Education, Community & Health and Social Care		1	1	1	1	1	1	1	1	1	1	1	1	1
Facilities														
SECF1: Safeguarded Education and Community														
Facilities		1	1	1	1	1	1	1	1	1	1	1	1	1
Musselburgh Cluster Education Proposals														
Precise	e location not established, but will lie within one of the													
	ord allocations, so will be assessed as part of them.	1	1	1	1	1	1	1	1	1	1	1	1	1
	ed as part of the spatial allocations for those areas (MH1,													
	/H10, MH11)	1	1	1	1	1	1	1	1	1	1	1	1	1
ED1 Part C; Campus land at Whitecraig To be as ED1 Part D; Education provision	assessed as part of MH11	1 3e	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c
ED2: Prestonpans Cluster Education Proposals		50	50	30	50	50	50	50	50	50	50	50	50	50
Within t	tetrad from which Golden plover, oystercatcher,													
	nk, lapwing, curlew recorded, but as urban site golden													
ED2 part A Preston Lodge High School plover & ED2 Part B	& lapwing are screened out	3d 3e	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c
ED3: Blindwells Cluster Eduation Proposals		Je	30	30	36	30	30	36	36	30	30	30	30	30
	ed as part of overall Blindwells proposal	1	1	1	1	1	1	1	1	1	1	1	1	1
	ed as part of overall Blindwells proposal	1	1	1	1	1	1	1	1	1	1	1	1	1
ED4: Tranent Cluster Education Proposals														
Cohool i	is located in a tetrad with records for low numbers of													
	g (<20) and PFG (100+), and has grassland nearby.													
Howeve	er, as these species are sensitive to human disturbance,													
	likely they utilise any suitable habitat near the school													
	has been screened out of MRE for Firth of Forth SPA	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	
	is on edge of built-up area with agricultural land ing. Occurs in a tetrad from which high numbers of PFG													
	een recorded (1000+). Golden plover also recorded from										1			
	. Both species are sensitive to disturbance. Owing to		1								1			
tetrad.	ity of school expansion area to school buildings it has creened out for MRE on Firth of Forth SPA and Fala Flow										1			
tetrad. I proximit							3c	3c	3c	3c	3c	3c	3c	3c
tetrad. I proximit		3c	3c	3c	3c	3c					1			
tetrad. I proximit been scr		3c	3c	3c	3c	3c								
tetrad. proximi been scr ED4 Part B i. Windygoul Primary SPA. School is	is located on edge of built-up area with agricultural land	3c	3c	3c	3c	3c								
t tetrad. proximit ED4 Part B i. Windygoul Primary SPA. School is adjoinin	ing. QI recorded from the tetrad are PFG (<100), Golden	3c	3c	3c	3c	3c								
tetrad. proximit been scr ED4 Part B i. Windygoul Primary SPA. School i adjoinin plover (ing. QI recorded from the tetrad are PFG (<100), Golden (250+), Lapwing (100+) and oystercatcher (<20). The	3c	3c	3c	3c	3c								
tetrad. proximit ED4 Part B i. Windygoul Primary SPA. School is adjoinin plover (expansic than 1 h	ing. OI recorded from the tetrad are PFG (<100), Golden (250+), Lapwing (100+) and oystercatcher (<20). The ion would be within the school grounds, which total less ha of grassland. Site is screened out of MRE on Firth of	3c	3c	3c	3c	3c								
ED4 Part B i. Windygoul Primary ED4 Part B i. Windygoul Primary SPA. School i adjoinin plover (expansi than 1 h Forth SP	ing. OI recorded from the tetrad are PFG (<100), Golden ($250+$), Lapwing (100+) and oystercatcher (<20). The sion would be within the school grounds, which total less ha of grassland. Site is screened out of MRE on Firth of SPA owing to small area and high levels of disturbance.	3c	3c	3c	3c	3c								
tetrad. I proximi been scr SPA. School i adjoinin plover (expansic than 1 h Forth SP Site lies Site lies	Ing. OI recorded from the tetrad are PFG (<100), Golden (250+), Lapwing (100+) and oystercatcher (<20). The ion would be within the school grounds, which total less ha of grassland. Site is screened out of MRE on Firth of SPA owing to small area and high levels of disturbance. Is within foraging area of Fala Flow SPA, but is screened							30	30	30	30	20	30	30
tetrad. I proximi been scr SPA. School i adjoinin plover (expansic than 1 h Forth SP Site lies Site lies	ing. OI recorded from the tetrad are PFG (<100), Golden ($250+$), Lapwing (100+) and oystercatcher (<20). The sion would be within the school grounds, which total less ha of grassland. Site is screened out of MRE on Firth of SPA owing to small area and high levels of disturbance.	3c 3c 1	<u>3c</u> <u>3c</u> 1	3c 3c 1	3c 3c 3c	3c 3c 3c	<u>3c</u>	<u>3c</u>	<u>3c</u>	<u>3c</u>	<u>3c</u>	<u>3c</u>	<u>3c</u>	<u>3c</u>
ED4 Part B i. Windygoul Primary SPA. ED4 Part B i. Windygoul Primary SPA. School is adjoinin plover (expansis than 1 h Forth SP Site lies ED4 Part B ii. Elphinstone Primary out owir ED4 Part C. ED5: Haddington Cluster Education Proposals	Ing. OI recorded from the tetrad are PFG (<100), Golden (250+), Lapwing (100+) and oystercatcher (<20). The ion would be within the school grounds, which total less ha of grassland. Site is screened out of MRE on Firth of SPA owing to small area and high levels of disturbance. Is within foraging area of Fala Flow SPA, but is screened	3c 1	<u>3c</u> 1	3c 1	3c 1	3c 1	3c 1	1	1	1	1	1	1	1
ED4 Part B i. Windygoul Primary SPA. ED4 Part B i. Windygoul Primary SPA. School i: adjoinin plover (expansic than 1 h Forth SP Site lies Site lies Site lies ED4 Part B ii. Elphinstone Primary Out Owir ED4 Part C ED5 Fart A Knox Academy Education Proposals	ing. OI recorded from the tetrad are PFG (<100), Golden (250+), Lapwing (100+) and oystercatcher (<20). The ion would be within the school grounds, which total less ha of grassland. Site is screened out of MRE on Firth of PA owing to small area and high levels of disturbance. Is within foraging area of Fala Flow SPA, but is screened ing to small size and disturbance.	3с	3c 1 3c	3c 1 3c	3c 1 3c	3c	3c 1 3c		1 3c				1 3c	1 3c
tetrad. proximiti ED4 Part B i. Windygoul Primary SPA. School is adjoinin plover (expansis than 1 h Forth SP Site lies ED4 Part B ii. Elphinstone Primary out owir ED4 Part C ED5 Part A Knox Academy ED5 Part B Letham Mains Assessed	Ing. OI recorded from the tetrad are PFG (<100), Golden (250+), Lapwing (100+) and oystercatcher (<20). The ion would be within the school grounds, which total less ha of grassland. Site is screened out of MRE on Firth of SPA owing to small area and high levels of disturbance. Is within foraging area of Fala Flow SPA, but is screened	3c 1 3c 1	3c 1 3c 1	3c 1 3c 1	3c 1 3c 1	3c 1 3c 1	3c 1 3c 1	1 3c 1	1 3c 1	1 3c 1	1 3c 1	1 3c 1	1 3c 1	1 3c 1
ED4 Part B i. Windygoul Primary SPA. ED4 Part B i. Windygoul Primary SPA. School i: adjoinin plover (expansic than 1 h Forth SP Site lies Site lies Site lies ED4 Part B ii. Elphinstone Primary Out Owir ED4 Part C ED5 Fart A Knox Academy Education Proposals	ing. OI recorded from the tetrad are PFG (<100), Golden (250+), Lapwing (100+) and oystercatcher (<20). The ion would be within the school grounds, which total less ha of grassland. Site is screened out of MRE on Firth of PA owing to small area and high levels of disturbance. Is within foraging area of Fala Flow SPA, but is screened ing to small size and disturbance.	3c 1	3c 1 3c	3c 1 3c	3c 1 3c	3c 1	3c 1 3c	1	1 3c	1	1	1	1 3c	1 3c
ED4 Part B i. Windygoul Primary SPA. ED4 Part B i. Windygoul Primary SPA. School is adjoinin plover (expansic than 1 h Forth SP Site les ED4 Part B ii. Elphinstone Primary out owir ED4 Part C ED5 Part A Knox Academy ED5 Part B Letham Mains Assessed ED5 Part C ED5 Par	Ing. OI recorded from the tetrad are PFG (<100), Golden (250+), Lapwing (100+) and oystercatcher (<250). The ion would be within the school grounds, which total less ha of grassland. Site is screened out of MRE on Firth of PA owing to small area and high levels of disturbance. Is within foraging area of Fala Flow SPA, but is screened ing to small size and disturbance.	3c 1 3c 1	3c 1 3c 1	3c 1 3c 1	3c 1 3c 1	3c 1 3c 1	3c 1 3c 1	1 3c 1	1 3c 1	1 3c 1	1 3c 1	1 3c 1	1 3c 1	1 3c 1
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ED4 Part B i. Windygoul Primary SPA. ED4 Part B i. Windygoul Primary SPA. School i: adjoinin plover () expansic than 1 h Forth SP ED4 Part B ii. Elphinstone Primary out owir ED4 Part C ED5: Haddington Cluster Education Proposals ED5 Part A Knox Academy ED5 Part B Letham Mains ED5 Part C ED5 Part C ED5: Fart B Letham Mains Assesses ED5 Part C ED6: Dunbar Cluster Education Proposals ED6 Part C ED7 Part C ED7 Part C ED7 Part C ED7 Part C ED7 Part B Letham Mains Assesses ED7 Part C ED7 Part C	Ing. OI recorded from the tetrad are PFG (<100), Golden (250+), Lapwing (100+) and oystercatcher (<20). The ion would be within the school grounds, which total less ha of grassland. Site is screened out of MRE on Firth of isPA owing to small area and high levels of disturbance. Is within foraging area of Fala Flow SPA, but is screened ing to small size and disturbance.	3c 1 3c 1	3c 1 3c 1	3c 1 3c 1	3c 1 3c 1	3c 1 3c 1	3c 1 3c 1	1 3c 1	1 3c 1	1 3c 1	1 3c 1	1 3c 1	1 3c 1	1 3c 1
tetrad. proximiti ED4 Part B i. Windygoul Primary SPA. School is adjoinin plover (; expansis ED4 Part B ii. Elphinstone Primary ED4 Part C ED5 Part A Knox Academy ED5 Part A Knox Academy ED5 Part B Letham Mains ED5 Part C ED5 Part C ED6 Part C ED6 Part C ED7 Part B Letham Mains Assessed ED5 Part C ED6 Part C ED6 Part C ED7 Part B Letham Mains Assessed ED5 Part C ED6 Part C ED6 Part C ED7 Part B Letham Mains Assessed ED6 Part C ED6 Part C ED7 Part B Letham Mains Assessed ED7 Part C ED6 Part C ED7 Part C ED7 Part B Letham Mains Assessed ED7 Part C ED7 Part B Letham Mains Assessed ED7 Part C ED7 Part B Letham Mains ED7 Part C ED7 Part C ED7 Part B Letham Mains Assessed ED7 Part C ED7 Part C ED7 Part C ED7 Part C ED7 Part B Letham Mains ED7 Part C ED7 Part C ED7 Part C ED7 Part C ED7 Part B Letham Mains ED7 Part C ED7 Part C ED7 Part C ED7 Part C ED7 Part B Letham Mains ED7 Part C ED7 Part C ED7 Part C ED7 Part C ED7 Part B Letham Mains ED7 Part C ED7 Part C ED7 Part C ED7 Part B Letham Mains ED7 Part B Letham Mains ED	Ing. OI recorded from the tetrad are PFG (<100), Golden (250+), Lapwing (100+) and oystercatcher (<20). The ion would be within the school grounds, which total less ha of grassland. Site is screened out of MRE on Firth of PSA owing to small area and high levels of disturbance. Is within foraging area of Fala Flow SPA, but is screened ing to small size and disturbance.	3c 1 3c 1	3c 1 3c 1	3c 1 3c 1	3c 1 3c 1	3c 1 3c 1	3c 1 3c 1	1 3c 1	1 3c 1	1 3c 1	1 3c 1	1 3c 1	1 3c 1	1 3c 1
ED4 Part B i. Windygoul Primary SPA. ED4 Part B i. Windygoul Primary SPA. School i: adjoinin plover () expansic than 1 h Forth SP Site lies ED4 Part B ii. Elphinstone Primary out owir ED4 Part B ii. Elphinstone Primary out owir ED5 Part A Knox Academy ED5 Part A Knox Academy ED5 Part B Letham Mains Assesser ED5 Part C ED6 Dunbar Cluster Education Proposals ED6 Dart B Letham Mains Assesser ED6 Dart C ED6 Dunbar Cluster Education Proposals Existing which la oysterca adjacen waders.	Ing. OI recorded from the tetrad are PFG (<100), Golden (250+), Lapwing (100+) and oystercather (<20). The ion would be within the school grounds, which total less ha of grassland. Site is screened out of MRE on Firth of isPA owing to small area and high levels of disturbance. Is within for aging area of Fala Flow SPA, but is screened ing to small size and disturbance.	3c 1 3c 1 1	3c 1 3c 1 1	3c 1 3c 1 1	3c 1 3c 1 1	3c 1 3c 1 1	3c 1 3c 1 1	1 3c 1	1 3c 1 1	1 3c 1 1	1 3c 1 1	1 3c 1	1 3c 1	1 3c 1 1
ED4 Part B i. Windygoul Primary SPA. School I: School I: School I: adjoinin plover (expansic than 1 h Forth SP Site Ies Stel SP Site Ies Stel Part C ED5 Part A Knox Academy ED5 Part R Knox Academy ED5 Part R Knox Academy ED5 Part C ED5 Part C ED6 Part A Dunbar Grammar ED6 Part A Dunbar Grammar	Ing. OI recorded from the tetrad are PFG (<100), Golden (250+), Lapwing (100+) and oystercatcher (<20). The ion would be within the school grounds, which total less ha of grassland. Site is screened out of MRE on Firth of PA owing to small area and high levels of disturbance. Is within foraging area of Fala Flow SPA, but is screened ing to small size and disturbance.	3c 1 3c 1 1 3d	3c 1 3c 1 1 3 3 3 c	3c 1 3c 1 1 3c 3c	3c 1 3c 1 1 3c 3c	3c 1 3c 1 1 3c 3c	3c 1 3c 1 3c 3c	1 3c 1 1 3c	1 3c 1 1 3c	1 3c 1 1 3c	1 3c 1 1 3c 3c	1 3c 1 1 3c	1 3c 1 1 3c	1 3c 1 1 3c
ED4 Part B i. Windygoul Primary SPA. School I: School I: School I: adjoinin plover (expansic than 1 h Forth SP Site Ies Stel SP Site Ies Stel Part C ED5 Part A Knox Academy ED5 Part R Knox Academy ED5 Part R Knox Academy ED5 Part C ED5 Part C ED6 Part A Dunbar Grammar ED6 Part A Dunbar Grammar	Ing. OI recorded from the tetrad are PFG (<100), Golden (250+), Lapwing (100+) and oystercather (<20). The ion would be within the school grounds, which total less ha of grassland. Site is screened out of MRE on Firth of isPA owing to small area and high levels of disturbance. Is within for aging area of Fala Flow SPA, but is screened ing to small size and disturbance.	3c 1 3c 1 1	3c 1 3c 1 1	3c 1 3c 1 1	3c 1 3c 1 1	3c 1 3c 1 1	3c 1 3c 1 1	1 3c 1	1 3c 1 1	1 3c 1 1	1 3c 1 1	1 3c 1	1 3c 1	1 3c 1 1

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Exclusion Exclusion Find by the basis of a bind where the Single Mark states of a bind where the Single Mark states of the Single Mark states at the Single Mark states at the Single Mark states t	ED7 Part A North Berwick High School - expansion	Firth of Forth SPA that use inland areas have been recorded (PFG, curlew, Grey Plover, Oystercatcher, Redshank), and has areas of grassland of sufficient size to support s cur such as curlew, oystercatcher & redshar Sith Jess W ad `` km foraging range of Fala Flow SPA. Nite is 'on-wered too	30	30	30	30	30	30	30	30	30	30	30	30	30
	Eb / al C / Hor Cr Dor Max High Concorr Cxpansion		Ju	50	50	50	30	50	50	50	50	50	50	50	50
Prind Find Mt Brit e bind arcs bade arcs ba		Firth of Forth SPA that use inland areas have been recorded (PFG, curlew, Grey Plover, Oystercatcher, Redshank), and has areas of grassland adjacent. Site considered too disturbed for PFG & lies beyond 20 km foraging distance of Fala Flow SPA. Location of new campus land is not known. Potential MRE for	3d	3c	3c	3с	3c	3с	3c	3c	3с	3c	3e	3c	3c
br 1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.		Firth of Forth SPA that use inland areas have been recorded (PFG, curlew, Grey Plover, Oystercatcher, Redshank), and has areas of grassland adjacent. Site considered too disturbed for PFG & Iles beyond 20 km foraging distance of Fala Flow SPA. Location of new campus land is not known. Potential MRE for	3d	3c	3с	3c	3e	3c	3c						
Community synapsise Design of problem of the skew is problem of the skew i	campus land	of PFG (1000+) (QI of Firth of Forth SPA) have been recorded, but site considered too disturbed to support this species. The location of land for any extension is not known. School is													
CP. Position of New Sports Pitches and Deriging Design of Least sports pitches within spatial inducation. Science 1000 (1990) Design of Least spatial inducation. Science 1000 (1990) Design of Lea			1	1	1	1	1	1			1	1	1	1	1
High Care State Image: State State Image: State	CF1: Provision of New Sports Pitches and Changing Accommodation	allocations. Consideration of effects will be included within	1	1	1	1	1	1	1	1	1	1	1	1	1
1 1	Health and Social Care Provision														
Open Space and May Providen No. No.<	HSC1: Health Care Sites		1	1	1	1	1	1	1	1	1	1	1	1	1
Oil Production of Open Space 1 <td< td=""><td>HSC2: Health Care Facilities Proposals</td><td></td><td>2</td><td>2</td><td>2</td><td>2</td><td>2</td><td>2</td><td>2</td><td>2</td><td>2</td><td>2</td><td>2</td><td>2</td><td>2</td></td<>	HSC2: Health Care Facilities Proposals		2	2	2	2	2	2	2	2	2	2	2	2	2
Obs: Data Base Base <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>															
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Ost. Filey applice moders in new General Needs - 1 <th1< th=""> 1 <th1< td="" th<=""><td></td><td></td><td>30</td><td>50</td><td>50</td><td>50</td><td>30</td><td>50</td><td>50</td><td>50</td><td>50</td><td>50</td><td>50</td><td>50</td><td>50</td></th1<></th1<>			30	50	50	50	30	50	50	50	50	50	50	50	50
Housing Development Dev 1 <th1< th=""> 1 1 1</th1<>		Includes provision for recreational greenspace	3e	1	1	1	1	1	1	1	1	1	1	1	1
OS: Note:ometry in Proceedings in Name been screened 1			3e	1	1	1	1	1	1	1	1	1	1	1	1
Diaphing Notify Considered as part of F52 1	OS5: Potential Cemetery Extensions	Site specific locations have been screened		1	1	1	1	1	1	1	1	1	1	1	1
Transit Genetery Latension: Outcork Street Sec. <		Considered as part of PS2	1	1	1	1	1	1	1	1	1	1	1	1	1
East Statuc Connetery cs 3c 3c <t< td=""><td></td><td>considered as part of 1.52</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>		considered as part of 1.52													
New connectory in Haddington Set															
Haddington 3c	-		3C	3C	3C	3C	3C	30	3C						
Precise details of extension not known, but adjoining areas include area of grastand and site is within latter for PFG. Mete- park Cametery in Durbar Cluster - Land adjacent Deer (soft FG habits): for of fG habits. New Cametery in Durbar Cluster - Land adjacent Deer (soft FG habits): for of fG habits. New Cametery in Durbar Cluster - Land adjacent Deer (soft FG habits): for other of fG habits. New Cametery in Durbar Cluster - Land adjacent Deer (soft FG habits): for other of fG habits. New Cametery in Durbar Cluster - Land adjacent Deer (soft FG habits): for other of habits. New Cametery in Durbar Cluster - Land adjacent Deer (soft FG habits): for other of habits. New Cametery in Durbar Cluster - Land adjacent Deer (soft FG habits): for other of habits. New Cametery in Durbar Cluster - Land adjacent Deer (soft FG habits): for other othe	Haddington														
Now Connetery in Dunbar Cluster - Land adjacent less in Sor MFG habitat. (sost of MFG habitat. (sost of MFG habitat. (sost of MFG habitat.) Now Connetery Now Co	Gladsmuir Cemetery Extension		3c												
tetrad. MEE for loss of liniand PGC habita: loss of liniand water habita: (systemation - car parking Image: log in liniand water habita: (systemation remove uncertainty. 2d 3c <	Park Cemetery	include areas of grassland and site is within tetrad for PFG. MRE loss of PFG habitat; loss of inland wader habitat(oystercatcher,													
tetrad. MEE for loss of liniand PGC habita: loss of liniand water habita: (systemation - car parking Image: log in liniand water habita: (systemation remove uncertainty. 2d 3c <															
adjoining. ME loss of inland wader habitat (curlew). Mitigation added to remove uncertainty. 3d 3c 3c <td< td=""><td>Dirleton Cemetery Extension - car parking</td><td>tetrad. MRE for loss of inland PFG habitat; loss of inland wader habitat (oystercatcher, redshank, curlew, Golden plover,</td><td>3d</td><td>3c</td><td>3c</td><td>3c</td><td>3c</td><td>3c</td><td>3c</td><td>3c</td><td>3c</td><td>3c</td><td>3c</td><td>3c</td><td>3c</td></td<>	Dirleton Cemetery Extension - car parking	tetrad. MRE for loss of inland PFG habitat; loss of inland wader habitat (oystercatcher, redshank, curlew, Golden plover,	3d	3c											
Whitekik Cemetery (potential at Glebe Field) added to remove uncertainty. 3d 3c 3c<															
OS6: Allotment Provision 1 </td <td>Whitekirk Cemetery (potential at Glebe Field)</td> <td></td> <td>3d</td> <td>3c</td> <td>30</td> <td>3c</td> <td>3c</td> <td>3r</td> <td>30</td> <td>3c</td> <td>30</td> <td>30</td> <td>30</td> <td>3r</td> <td>٦r</td>	Whitekirk Cemetery (potential at Glebe Field)		3d	3c	30	3c	3c	3r	30	3c	30	30	30	3r	٦r
Infrastructure & Resources Image: Construction and Accessibility Image: Construction andecessibility Image: Constru	OS6: Allotment Provision			1	1	1	1	1	1	1	1	1	1	1	1
T1: Development Location and Accessibility 1 <th1< th=""> 1<!--</td--><td></td><td>General policy, no sites yet identified</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td></th1<>		General policy, no sites yet identified	1	1	1	1	1	1	1	1	1	1	1	1	1
A feasibility study has been completed, which sets out a 20-year strategy and identifies potential routes. A preferred route has been identified and shown on the proposals map, the suggested route runs close to, and possibly through, fields from which other QI have been recorded. and passes through tetrads from which other QI have been recorded. MRE loss of wader/ PFG habitat. Mitigation added to remove uncertainty.adac <td>T1: Development Location and Accessibility</td> <td></td> <td>1</td> <td></td> <td>1</td> <td></td> <td>1</td> <td>1</td> <td>1</td> <td></td> <td>1</td> <td>1</td> <td>1</td> <td></td> <td>1</td>	T1: Development Location and Accessibility		1		1		1	1	1		1	1	1		1
strategy and identifies potential routes. A preferred route has been identified and shown on the proposals map, but this has yet to be subjected to HRA. At the broad scale of the proposals map, the suggested route runs close to, and possibly through, fields from which other QI have been recorded. AMRE loss of tarads from which other QI have been recorded. MRE loss of 3e3d3c<	T2: General Transport Impact		1	1	1	1	1	1	1	1	1	1	1	1	1
Network Strategy 3e 3c	T3: Segregated Active Travel Corridor	strategy and identifies potential routes. A preferred route has been identified and shown on the proposals map, but this has yet to be subjected to HRA. At the broad scale of the proposals map, the suggested route runs close to, and possibly through, fields from which PFG have been recorded, and passes through tetrads from which other OI have been recorded. MRE loss of	3d	3c	3с	3c	3c	3с	3c	3c	3c	3c	3с	3c	Зc
T5: Cycle Route Network 3e 3c	T4: Active Travel Routes, Core Paths and Green		2-	2-	2-	2-	2-	2-	2-	2-	2-	2-	2-	2-	2-
T6: Reallocation of Road Space and Pedestrian I <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>															
T7: Information Technology 1	T6: Reallocation of Road Space and Pedestrian														
T8: Bus Network Improvements 1				1		1	1	1	1	1			1	1	
To: Safeguarding of Landron Larger Station Car Parks Assessed under each location															
	T9: Safeguarding of Land for Larger Station Car Parks	Assessed under each location													

Musselburgh	Occurs in tetrad from which 6 OI of the Firth of Forth SPA have been recorded. Potentially suitable habitat adjoins station. Site is also within foraging distance of Gladhouse Reservoir and Fala Flow SPAs. MRE loss of inland PFG habitat; loss of inland wader habitat (curlew, golden plover, lapwing, oystercatcher, redshank)	3d	3c	3с	3c	3d	3c	3d						
Longniddry	Precise location of any extension is unknown. The existing car park is within a mainly built-up area, but there may be some scope for expansion. Land to the east of the railway line is identified for housing as part of PS1 and effects of developing that area will be considered as part of that proposal. The land east of the line is within a tetrad from which 7 OI of the Firth of Forth SPA have been recorded and potentially suitable habitat nearby. Site lies within foraging distance of Fala Flow SPA. Mitigation added to remove uncertainty.	3d	3с	3с	3c	Зс	3с	3с	3с	3с	3с	3d	Зc	3c
Drem	Occurs in tetrad from which PFG - a OI of the Firth of Forth SPA and Fala Flow SPA have been recorded and potentially suitable habitat nearby (although some existing disturbance). Mitigation added to remove uncertainty.	3d	3c	3d	3c	3c								
T10: Safeguarding Land for Platform Lengthening	Assessed under each location													
Musselburgh	Occurs in tetrad from which 6 OI of the Firth of Forth SPA have been recorded. Potentially suitable habitat adjoins station. Site is also within foraging distance of Gladhouse Reservoir and Fala Flow SPAs. MRE loss of inland PFG habitat; loss of inland wader habitat (curlew, golden plover, lapwing, oystercatcher, redshank). Mitigation added to remove uncertainty.	3d	3c	3c	3c	3c	3с	3c	3c	3c	3c	3d	3c	3d
Wallyford	Occurs in tetrad from which 6 OI of the Firth of Forth SPA been recorded and potentially suitable habitat adjoins station. Also within foraging distance of Fala Flow SPA. MRE loss of inland PFG habitat; loss of inland wader habitat (curlew, golden plover, lapwing, oystercatcher, redshank). Mitigation added to remove uncertainty.	3d	3с	3с	3с	3с	3с	3c	3с	3с	3c	3d	3c	3c
Prestonpans	Occurs in tetrad from which 4 QI of the Firth of Forth SPA have been recorded and potentially suitable habitat nearby. Site lies within foraging distrance of Fala Flow SPA. MRE loss of PFG inland habitat; loss of inland wader habitat (curlew, golden plover, lapwing). Mitigation added to remove uncertainty.	3d	3c	3d	3c	3с								
Longniddry	Occurs in tetrad from which 7 OI of the Firth of Forth SPA have been recorded and potentially suitable habitat nearby. Site lies within foraging distance of Fala Flow SPA. MRE inland PFG habitat; loss of inland wader habitat (curlew, golden plover, grey plover, lapwing, oystercatcher, redshank). Mitigation added to remove uncertainty.	3d	3c	3d	3c	3c								
Drem	Occurs in tetrad from which PFG - a OI of the Firth of Forth SPA have been recorded and potentially suitable habitat nearby (although some existing disturbance). MRE loss of inland PFG habitat. Mitigation added to remove uncertainty.	3d	3c											
Ducker	Occurs in tetrad from which 7 OI of the Firth of Forth SPA have been recorded, some potentially suitable habitat nearby. MRE loss of inland PFG habitat; loss of inland wader habitat (golden plover, grey plover, lapwing, oystercatcher, redshank, lapwing). Mitigation added to remove uncertainty.													
Dunbar T11: Safeguard Land for improvements at Musselburgh Station	Occurs in tetrad from which 6 OI of the Firth of Forth SPA have been recorded. Potentially suitable habitat adjoins station. Site is also within foraging distance of Gladhouse Reservoir and Fala Flow SPAs. MRE loss of inland PFG habitat; loss of inland wader habitat (curlew, golden plover, lapwing, oystercatcher, redshank). Mitigation added to remove uncertainty.	3d 3d	3c 3c	3c 3d	3c 3c	3c 3d								
T12: Railway Station Safeguarding At East Linton	Precise location unknown, but occurs in a tetrad from which PFG have been recorded. MRE loss of inland PFG habitat. Mitigation added to remove uncertainty.	3d	3c	3e	3c	3d?								
T13: East Coast Main Line: Four Track Section, New	Approximate location is within land identified for other allocations. Mitigation added to remove uncertainty over													
Rail Station and Vehicular Overbridge	location. Current policy is to maintain the route as part of the core path network. The principle of re-establishing public transport is established, but if, when or how this would occur is not clear. Mitigation added to remove uncertainty.	3c 3c												
T15: Old Craighall A1(T) Junction Improvements	Will require works to existing road and junction. Will require encroachment into adjoing agricultural land. Low numbers of PFG recorded from tetrad, but site too small to be used by this species. Curlew, golden plover, oystercatcher, redshank and high numbers of lapwing recorded from tetrad. Mitigation added to remove uncertainty.	3d	3с	3c	3с	3c	3c	3с	3с	3c	3с	3c	3c	3с
T16: A1 Junction Improvements at Queen Margaret Drive Interchange	Included within land for MH1, so assessed as part of that allocation.	3e	3c											
T17: A1(T) Interchange Improvements	Assessed under individual locations Precise details not known. Site is <5km from coast and is in													
Salter's Road	tetrad from which some OI been recorded. Lies adjacent to MH9. MKE loss of inland wader habitat (lapwing, oystercatcher). Site considered too disturbed to support PFG. Mitigation added to remove uncertainty.	3d	3c											
Bankton Interchange	Inland site, but low numbers of PFG & lapwing. Considered too disturbed for PFG. MRE loss of wader habitat. Mitigation added to remove uncertainty.	3d	3c											

				1	-						r			
Gladsmuir	Low numbers PFG & oystercatcher. MRE loss of wader habitat. Mitigation added to remove uncertainty.	3d	3c											
T18 Land Safeguard for Trunk Road Interchange at	Fesibility to be assessed. Mitigation added to remove	04	00	00	00					00		00	00	
Adniston and Eastern Tranent By-pass T19: Transport Improvements To Musselburgh Town	uncertainty.	3e	3c	3e	3c	3c								
Centre		3c												
T20: Transport Related Air Quality Measures: Relocation of Bus Stops		3c												
T21: Musselburgh Urban Traffic Control System		3C 3C												
T22: Reopen link to Vehicle Access at Queen Margaret Drive / Whitehill Farm Road		2-	2-	2-	2-	2-	2-	2-	2-	2-	3c	2-	2-	2-
brive / writtenin Parth Road		3c	30	3c	3c	3c								
T23: Transport Improvements at A198, Meadowmill	Policy is related to traffic flow, rather than development per													
Roundabout & Bankton Interchange	se. Inland site, but low numbers of PFG & lapwing	3c												
T24: Land Safeguard for A198 / B1361 Meadowmill Roundabout Improvements	Covered by other developments for this area	3e	3c											
T25: Land Safeguard for Dualling of A198 and	· · · ·													
Reconfiguration of Bankton Interchange	Covered by other developments for this area	3e	3c											
T26: Transport Improvements To Tranent Town Centre		3c												
		30	50	30	50	50	50	50	30	50	50	50	50	50
T27: Tranent Town Centre One-Way System		3c												
T28: Junction Improvements at Elphinstone Road and														
Edinburgh Road T29: Town Centre Parking Strategy		3c 1	3c 3c	3c 1										
T30: Road Safety and 20mph Zones		1	3c	1	1	1	1	1	1	1	1	1	1	1
T31: Electric Car & Bus Charging Points T32: Transport Infrastructure Delivery Fund		1	3c 3c	1	1	1	1	1	1	1	1	1	1	1
Digital Communications														
DCN1: Digital Comunications Networks DCN2: Provision for Broadband Connectivity in New		3e	3c	3e	3c									
Development		1	1	1	1	1	1	1	1	1	1	1	1	1
Other Infrastructure: Major Hazard Sites & Pipelines														
Policy OI1: Pipeline Consultation Zone		1	1	1	1	1	1	1	1	1	1	1	1	1
Policy Ol2: Tonrness Consultation Zone Policy Ol3: Edinburgh Airport Safeguarding Zone		1	1	1	1	1	1	1	1	1	1	1	1	1
Policy Ols. Editibulign All port Sareguarding Zone		1	1	1	1	1	1	1	1	1	1	1	1	1
Energy Generation, Distribution & Transmission		-	-				-	-	-			-	_	
SEH1: Sustainable energy and heat		1	1	1	1	1	1	1	1	1	1	1	1	1
SEH2: Low and Zero Carbon Generating Technologies		1	1	1	1	1	1	1	1	1	1	1	1	1
WD1: Windfarms	Mitigation added to remove uncertainty.	3e	3c	3e	3e	3e	3e	3e						
WD2: Smaller scale wind turbine development	Mitigation added to remove uncertainty.	3e	3c	3e	3e	3e	3e	3e						
WD3: All wind turbines WD4: Access tracks	Mitigation added to remove uncertainty.	3e 3e	1 3c	3e 3e	1 3e	1 3e	1 3e							
WD5: Re-powering		1	1	1	1	1	1	1	1	1	1	1	1	1
WD6: Decommissiong and Site Restoration		1	1	1	1	1	1	1	1	1	1	1	1	1
EGT1: Former Cockenzie Power Station	Mitigation added to remove uncertainty.	3e												
EGT2: Torness Power Station		1	1	1	1	1	1	1	1	1	1	1	1	1
	This is a general policy statement, but would enable construction and development along the coastline at unspecified locations. It also allows for links to development offshore. For these reasons it is considered to have potential to the statement of the statement of the statement with the statement of the													
	have LSE on its own, on a number of European sites including the Firth of Forth SPA, Forth Islands SPA, Isle of May SAC, River Teith SAC. To avoid this, mitigation wording has been included													
EGT3: Forth Coast Area of Co-ordinated Action EGT4: Enhanced High Voltage Electricity Transmission	within the policy.	3e	3e	3e	3c	3c	3c	3c	3c	3e	3e	3e	3c	3c
Network Waste		3e	3c	3e	3e	3e	3e	3e						
Waste	This policy acts to safeguard existing and consented waste management sites. It also allows for new waste management uses on the same sites to be proposed. The policy supports existing operational activity and does not in itself promote													
W1: Waste management safeguards	development.	3b												
	The policy supports existing operational activity and does not in itself promote development. It lies close to the Peffer Burn. Even if there were a pollution incident to the burn, it is considered that the distance from here to the Firth of Forth SPA and the dilution factor once water entered the Forth, means that there are unlikely to be any effects upon the Firth of Forth SPA													
West Fortune Transfer Station & Landfill, N. Berwick	SPA, or QI of the SPA and SAC linked to the Forth	3b												
Wast Fortune Farm Steading, N. Domisin	The policy supports existing operational activity and does not in itself promote development	21				21	26	21	21	21	21	21	25	21-
West Fortune Farm Steading, N. Berwick	itself promote development. The policy supports existing operational activity and does not in	3b												
Cockenzie Ash Lagoons, nr Musselburgh	Itself promote development. The lagoons have been used for disposal of ash from Cockenzie Power Station, and have been developed as an important site for OI of the Firth of Forth SPA.	3b												
	The policy supports existing operational activity and does not in itself promote development. Surface drainage around the site													
Viridor EfW Plant, Oxwell Mains Landfill, Dunbar	does not appear to be linked directly to the Firth of Forth.	3b												
Dunbar Landfill, Oxwell Mains, Dunbar	Same as above The policy supports existing operational activity and does not in	3b												
Land at Pure Malt Products, Haddington	itself promote development.	3b												
East Coast Skips, Macmerry Industrial Estate	The policy supports existing operational activity and does not in itself promote development.	3b												
	The policy supports existing operational activity and does not in itself promote development. It is located away from surface	50	50	50	50	50	50	50	50	55	50	50	50	50
North Berwick CA Site, Heugh Road	water courses and there is no direct link to the Firth of Forth SPA or other European sites.	3b												

	The policy supports existing operational activity and does not in													
	itself promote development. It is situated away from surface water courses, and the closest of these is at some distance from													
Macmerry Depot, Macmerry Industrial Estate	the Firth of Forth SPA.	3b	3b	3b	3b	3b	3b	3b	3b	3b	3b	3b	3b	3b
	The policy supports existing operational activity and does not in													
	itself promote development. The site is operational and is a													
18 Greenburn, East Fortune, N. Berwick	metal recycling point. It is located away from surface water courses.	3b	3b	3b	3b	3b	3b	3b	3b	3b	3b	3b	3b	3b
To creatibarity East fortailo, N. Bormok		50	55	50	50	50	50	50	55	55	50	50	50	515
	The policy supports existing operational activity and does not in													
Fisherer Automburge Market St. Marsellaurek	itself promote development. The site is operational and is a car													
Finlayson Autosalvage, Market St., Musselburgh	recycling point. It is located away from surface water courses.	3b	3b	3b	3b	3b	3b	3b	3b	3b	3b	3b	3b	3b
	The policy supports existing operational activity and does not in													
	itself promote development. The site is an operational civic													
Dunbar Recycling Facility (CA Site), Dunbar	amenity site. It is located away from surface water courses.	3b	3b	3b	3b	3b	3b	3b	3b	3b	3b	3b	3b	3b
	The policy supports existing operational activity and does not in													
	itself promote development. The site is an operational civic													
Macmerry CA site, Macmerry	amenity site. It is located away from surface water courses.	3b	3b	3b	3b	3b	3b	3b	3b	3b	3b	3b	3b	3b
	The site is an operational civic amenity site. Although it is close to a surface water course, the distance from here to the Firth													
Kinwegar Recyclying Centre & WTS, Wallyford	of Forth SPA and dilution factor at the coast is high.	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c
	The policy supports existing operational activity and does not in													
	itself promote development. This site is an operational pet													
	crematorium. It is based close to a surface water course, which drains into the Firth of Forth less than a mile from the site.													
	Operational discharges from the site are regulated by SEPA. The													
	nature of the business, scale of operation, and dilution of the													
Edinburgh & Lothians Pet Crematorium, Dunbar	burn within the Firth of Forth SPA means that there are no LSE.	3b	3b	3b	3b	3b	3b	3b	3b	3b	3b	3b	3b	3b
	The policy supports existing operational activity and does not in itself promote development. It is located at some distance from													
East Fenton Composting Site, N. Berwick	any surface water course.	3b	3b	3b	3b	3b	3b	3b	3b	3b	3b	3b	3b	3b
	The policy supports existing operational activity and does not in			1										
	itself promote development. An ES was produced as part of the													
Smooton Ring, Whitegraigs	development proposals. No effects on the Firth of Forth SPA were identified.	26	26	26	26	26	26	26	26	26	26	26	26	26
Smeaton Bing, Whitecraigs	The policy supports existing operational activity and does not in	3b	3b	3b	3b	3b	3b	3b	3b	3b	3b	3b	3b	3b
	itself promote development. It is located at some distrnace													
Unit 6G, Wallyford Ind Es	from surface water courses.	3b	3b	3b	3b	3b	3b	3b	3b	3b	3b	3b	3b	3b
	The policy supports existing operational activity and does not in itself promote development. The site is some distance from the													
Drylawhill Composting Site	Firth of Forth SPA. Discharges are controlled by SEPA.	3b	3b	3b	3b	3b	3b	3b	3b	3b	3b	3b	3b	3b
W2: Waste management developments		3e	3e	3c	3c	3c	3c	3c	3c	3e	1	3c	3c	3c
W3: Waste separation and collection W4: Construction waste		1	1	1	1	1	1	1	1	1	1	1	1	1
Minerals		1			'	1	-	1	1		'			'
MIN1: Protection of Mineral Reserves		3b	3b	3b	3b	3b	3b	3b	3b	3b	3b	3b	3b	3b
											1			
	The site is operational and involves extraction of limestone													
	from a site adjacent to the Firth of Forth SPA. The quarry is													
	from a site adjacent to the Firth of Forth SPA. The quarry is likely to generate disturbance of QI at the coast, and there is a													
MIN2: Safeguard Oxwellmains Limestone Quarry	from a site adjacent to the Firth of Forth SPA. The quarry is	3b	3b	3b	3b	3b	3b	3b	3b	3b	3b	3b	3b	3b
	from a site adjacent to the Firth of Forth SPA. The quarry is likely to generate disturbance of 01 at the coast, and there is a risk of pollution, altering habitat quality and character. The effects of these will have been previously assessed. The site is an operational quarry. It is located around 15 km	3b	3b	3b	3b	3b	3b	3b	3b	3b	3b	3b	3b	3b
MIN3: Safeguard Longyester and Skateraw Sand and	from a site adjacent to the Firth of Forth SPA. The quarry is likely to generate disturbance of OI at the coast, and there is a risk of pollution, altering habitat quality and character. The effects of these will have been previously assessed. The site is an operational quarry. It is located around 15 km away from the Firth of Forth SPA. There are no records for PFG													
MIN3: Safeguard Longyester and Skateraw Sand and Gravel Quarries	from a site adjacent to the Firth of Forth SPA. The quarry is likely to generate disturbance of 01 at the coast, and there is a risk of pollution, altering habitat quality and character. The effects of these will have been previously assessed. The site is an operational quarry. It is located around 15 km	3b 3b	3b 3b	3b 3b	3b 3b	3b 3b	3b 3b	3b 3b	3b 3b	3b 3b	3b 3b	3b 3b	3b 3b	3b 3b
MIN3: Safeguard Longyester and Skateraw Sand and Gravel Quarries MIN4: Safeguard Bangley and Markle Mains Hard Rock Quarries	from a site adjacent to the Firth of Forth SPA. The quarry is likely to generate disturbance of OI at the coast, and there is a risk of pollution, altering habitat quality and character. The effects of these will have been previously assessed. The site is an operational quarry. It is located around 15 km away from the Firth of Forth SPA. There are no records for PFG	3b 3b												
MIN3: Safeguard Longyester and Skateraw Sand and Gravel Quarries MIN4: Safeguard Bangley and Markle Mains Hard Rock Quarries MIN5: Mineral Resources	from a site adjacent to the Firth of Forth SPA. The quarry is likely to generate disturbance of OI at the coast, and there is a risk of pollution, altering habitat quality and character. The effects of these will have been previously assessed. The site is an operational quarry. It is located around 15 km away from the Firth of Forth SPA. There are no records for PFG in the tetrad. Operational sites.	3b 3b 3b	3b 3b	3b 3b	3b 3b	3b 3b	3b 3b	3b 3b	3b 3b	3b 3b	3b 3b 1	3b 3b	3b 3b	3b 3b
MIN3: Safeguard Longyester and Skateraw Sand and Gravel Quarries MIN4: Safeguard Bangley and Markle Mains Hard Rock Quarries MIN5: Mineral Resources MIN6: Opencast Coal Extraction	from a site adjacent to the Firth of Forth SPA. The quarry is likely to generate disturbance of OI at the coast, and there is a risk of pollution, altering habitat quality and character. The effects of these will have been previously assessed. The site is an operational quarry. It is located around 15 km away from the Firth of Forth SPA. There are no records for PFG in the tetrad. Operational sites. General policy	3b 3b 3b 1	3b 3b 1	3b 3b 1	3b 3b	3b	3b 3b 1	3b 3b 1	3b 3b	3b 3b 1	3b 3b 1	3b	3b 3b 1	3b 3b 1
MIN3: Safeguard Longyester and Skateraw Sand and Gravel Quarries MIN4: Safeguard Bangley and Markle Mains Hard Rock Quarries MIN5: Mineral Resources	from a site adjacent to the Firth of Forth SPA. The quarry is likely to generate disturbance of OI at the coast, and there is a risk of pollution, altering habitat quality and character. The effects of these will have been previously assessed. The site is an operational quarry. It is located around 15 km away from the Firth of Forth SPA. There are no records for PFG in the tetrad. Operational sites.	3b 3b 3b	3b 3b	3b 3b	3b 3b	3b 3b	3b 3b	3b 3b	3b 3b	3b 3b	3b 3b 1	3b 3b	3b 3b	3b 3b
MIN3: Safeguard Longyester and Skateraw Sand and Gravel Quarries MIN4: Safeguard Bangley and Markle Mains Hard Rock Quarries MIN5: Mineral Resources MIN6: Opencast Coal Extraction MIN7: Onshore Oil and Gas MIN8: Mineral Extraction Criteria MIN9: Supporting Information	from a site adjacent to the Firth of Forth SPA. The quarry is likely to generate disturbance of OI at the coast, and there is a risk of pollution, altering habitat quality and character. The effects of these will have been previously assessed. The site is an operational quarry. It is located around 15 km away from the Firth of Forth SPA. There are no records for PFG in the tetrad. Operational sites. General policy	3b 3b 3b 1 1	3b 3b 1 1	3b 3b 1 1	3b 3b 1 1	3b 3b 1 1	3b 3b 1 1	3b 3b 1 1	3b 3b 1 1	3b 3b 1 1	3b 3b 1 1	3b 3b	3b 3b 1	3b 3b 1 3e
MIN3: Safeguard Longyester and Skateraw Sand and Gravel Quarries MIN4: Safeguard Bangley and Markle Mains Hard Rock Quarries MIN5: Mineral Resources MIN6: Opencast Coal Extraction MIN6: Opencast Coal Extraction MIN6: Mineral Extraction Criteria MIN9: Supporting Information MIN9: Restoration and Aftercare	from a site adjacent to the Firth of Forth SPA. The quarry is likely to generate disturbance of OI at the coast, and there is a risk of pollution, altering habitat quality and character. The effects of these will have been previously assessed. The site is an operational quarry. It is located around 15 km away from the Firth of Forth SPA. There are no records for PFG in the tetrad. Operational sites. General policy General policy	3b 3b 3b 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1	3b 3b 1 1 1	3b 3b 1 1 1 1 1 1	3b 3b 1 1 1 1 1	3b 3b 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1	3b 3b 1 1 1	3b 3b 1 1 1 1 1 1	3b 3b 1 3e 1 1 1 1
MIN3: Safeguard Longyester and Skateraw Sand and Gravel Quarries MIN4: Safeguard Bangley and Markle Mains Hard Rock Quarries MIN5: Mineral Resources MIN6: Opencast Coal Extraction MIN7: Onshore Oil and Gas MIN8: Mineral Extraction Criteria MIN9: Supporting Information MIN10: Restoration and Aftercare MIN111: Prior Extraction of Shallow Coal	from a site adjacent to the Firth of Forth SPA. The quarry is likely to generate disturbance of OI at the coast, and there is a risk of pollution, altering habitat quality and character. The effects of these will have been previously assessed. The site is an operational quarry. It is located around 15 km away from the Firth of Forth SPA. There are no records for PFG in the tetrad. Operational sites. General policy General policy	3b 3b 3b 1 1 1 1 1	3b 3b 1 1 1 1	3b 3b 1 1 1 1	3b 3b 1 1 1 1	3b 3b 1 1 1 1 1	3b 3b 1 1 1 1	3b 3b 1 1 1	3b 3b 1 1 1 1	3b 3b 1 1 1 1 1	3b 3b 1 1 1 1 1	3b 3b 1 1 1 1	3b 3b 1 1 1 1	3b 3b 1 3e 1 1
MIN3: Safeguard Longyester and Skateraw Sand and Gravel Quarries MIN4: Safeguard Bangley and Markle Mains Hard Rock Quarries MIN5: Mineral Resources MIN6: Opencast Coal Extraction MIN6: Opencast Coal Extraction MIN6: Mineral Extraction Criteria MIN9: Supporting Information MIN9: Restoration and Aftercare	from a site adjacent to the Firth of Forth SPA. The quarry is likely to generate disturbance of OI at the coast, and there is a risk of pollution, altering habitat quality and character. The effects of these will have been previously assessed. The site is an operational quarry. It is located around 15 km away from the Firth of Forth SPA. There are no records for PFG in the tetrad. Operational sites. General policy General policy	3b 3b 3b 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1	3b 3b 1 1 1 1 1	3b 3b 1 1 1 1 1 1	3b 3b 1 1 1 1 1	3b 3b 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1	3b 3b 1 1 1 1	3b 3b 1 1 1 1 1 1	3b 3b 1 3e 1 1 1 1
MIN3: Safeguard Longyester and Skateraw Sand and Gravel Quarries MIN4: Safeguard Bangley and Markle Mains Hard Rock Quarries MIN5: Mineral Resources MIN6: Opencast Coal Extraction MIN7: Onshore Oil and Gas MIN8: Mineral Extraction Criteria MIN8: Supporting Information MIN10: Restoration and Aftercare MIN11: Prior Extraction of Shallow Coal Development in the Countryside	from a site adjacent to the Firth of Forth SPA. The quarry is likely to generate disturbance of OI at the coast, and there is a risk of pollution, altering habitat quality and character. The effects of these will have been previously assessed. The site is an operational quarry. It is located around 15 km away from the Firth of Forth SPA. There are no records for PFG in the tetrad. Operational sites. General policy General policy Mitigation added to remove uncertainty.	3b 3b 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1	3b 3b 1 3e 1 1 1 1
MIN3: Safeguard Longyester and Skateraw Sand and Gravel Quarries MIN4: Safeguard Bangley and Markle Mains Hard Rock Quarries MIN5: Mineral Resources MIN6: Opencast Coal Extraction MIN7: Onshore Oil and Gas MIN9: Supporting Information MIN9: Restoration and Aftercare MIN10: Restoration of Shallow Coal Development in the Countryside DC1: Rural Diversification	from a site adjacent to the Firth of Forth SPA. The quarry is likely to generate disturbance of OI at the coast, and there is a risk of pollution, altering habitat quality and character. The effects of these will have been previously assessed. The site is an operational quarry. It is located around 15 km away from the Firth of Forth SPA. There are no records for PFG in the tetrad. Operational sites. General policy General policy Mitigation added to remove uncertainty.	3b 3b 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1	3b 3b 1 3e 1 1 1 1 1 1
MIN3: Safeguard Longyester and Skateraw Sand and Gravel Quarries MIN4: Safeguard Bangley and Markle Mains Hard Rock Quarries MIN5: Mineral Resources MIN6: Opencast Coal Extraction MIN7: Onshore Oil and Gas MIN9: Supporting Information MIN9: Reporting Information MIN10: Restoration and Aftercare MIN11: Prior Extraction of Shallow Coal Development in the Countryside DC1: Rural Diversification DC2: Conversion of rural buildings to housing DC3: Replacement dwellings in the countryside	from a site adjacent to the Firth of Forth SPA. The quarry is likely to generate disturbance of OI at the coast, and there is a risk of pollution, altering habitat quality and character. The effects of these will have been previously assessed. The site is an operational quarry. It is located around 15 km away from the Firth of Forth SPA. There are no records for PFG in the tetrad. Operational sites. General policy General policy Mitigation added to remove uncertainty. General policy, mitigation added to remove uncertainty	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 3e 1 1 1 1 1 1 1 1 1 1
MIN3: Safeguard Longyester and Skateraw Sand and Gravel Quarries MIN4: Safeguard Bangley and Markle Mains Hard Rock Quarries MIN5: Mineral Resources MIN6: Opencast Coal Extraction MIN7: Onshore Oil and Gas MIN9: Supporting Information MIN10: Restoration and Aftercare MIN11: Prior Extraction of Shallow Coal Development in the Countryside DC1: Rural Diversification DC2: Conversion of rural buildings to housing	from a site adjacent to the Firth of Forth SPA. The quarry is likely to generate disturbance of OI at the coast, and there is a risk of pollution, altering habitat quality and character. The effects of these will have been previously assessed. The site is an operational quarry. It is located around 15 km away from the Firth of Forth SPA. There are no records for PFG in the tetrad. Operational sites. General policy General policy Mitigation added to remove uncertainty.	3b 3b 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 3e 1 1 1 1 1 1 1 1 1 1
MIN3: Safeguard Longyester and Skateraw Sand and Gravel Quarries MIN4: Safeguard Bangley and Markle Mains Hard Rock Quarries MIN5: Mineral Resources MIN6: Opencast Coal Extraction MIN7: Onshore Oil and Gas MIN8: Mineral Extraction Criteria MIN9: Supporting Information MIN10: Restoration and Aftercare MIN11: Prior Extraction of Shallow Coal Development in the Countryside DC1: Rural Diversification DC2: Conversion of rural buildings to housing DC3: Replacement dwellings in the countryside	from a site adjacent to the Firth of Forth SPA. The quarry is likely to generate disturbance of OI at the coast, and there is a risk of pollution, altering habitat quality and character. The effects of these will have been previously assessed. The site is an operational quarry. It is located around 15 km away from the Firth of Forth SPA. There are no records for PFG in the tetrad. Operational sites. General policy General policy Mitigation added to remove uncertainty.	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 3e 1 1 1 1 1 1 1 1 1 1
MIN3: Safeguard Longyester and Skateraw Sand and Gravel Quarries MIN4: Safeguard Bangley and Markle Mains Hard Rock Quarries MIN5: Mineral Resources MIN6: Opencast Coal Extraction MIN7: Onshore Oil and Gas MIN9: Supporting Information MIN10: Restoration and Aftercare MIN11: Prior Extraction of Shallow Coal Development in the Countryside DC1: Rural Diversification DC2: Conversion of rural buildings to housing DC3: Replacement dwellings in the countryside DC4:New build housing in the countryside	from a site adjacent to the Firth of Forth SPA. The quarry is likely to generate disturbance of OI at the coast, and there is a risk of pollution, altering habitat quality and character. The effects of these will have been previously assessed. The site is an operational quarry. It is located around 15 km away from the Firth of Forth SPA. There are no records for PFG in the tetrad. Operational sites. General policy General policy Mitigation added to remove uncertainty. General policy, mitigation added to remove uncertainty Mitigation added to policy wording to avoid LSE & MRE	3b 3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 3e	3b 3b 1 1 1 1 1 1 1 1 1 1 1 3c	3b 3b 1 1 1 1 1 1 1 1 1 1 3c	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1 1 3c	3b 3b 1 1 1 1 1 1 1 1 1 1 1 3c	3b 3b 1 1 1 1 1 1 1 1 1 1 3c	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 3c	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1 1 3c	3b 3b 1 1 1 1 1 1 1 1 1 3c	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 3c	3b 3b 1 1 1 1 1 1 1 1 1 1 3e	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 3c	3b 3b 1 3e 1 1 1 1 1 1 1 1 3c
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MIN3: Safeguard Longyester and Skateraw Sand and Gravel Quarries MIN4: Safeguard Bangley and Markle Mains Hard Rock Quarries MIN5: Mineral Resources MIN6: Supporting Information MIN1: Prior Extraction of Shallow Coal Development in the Countryside DC2: Conversion of rural buildings to housing DC2: Conversion of rural buildings to housing DC3: Replacement dwellings in the countryside DC4: New build housing in the countryside DC5: Housing as enabling development Development in Coastal Areas DC6: Development in the Edinburgh Green Belt DC7: Development in the Edinburgh Green Belt DC7: Countryside Around Towns Special Landscape Areas DC8: Countryside Around Towns Special Landscape Areas DC7: Development K DC7: Development Nongle Areas DC8: Countryside Around Towns Special	from a site adjacent to the Firth of Forth SPA. The quarry is likely to generate disturbance of OI at the coast, and there is a risk of pollution, altering habitat quality and character. The effects of these will have been previously assessed. The site is an operational quarry. It is located around 15 km away from the Firth of Forth SPA. There are no records for PFG in the tetrad. Operational sites. General policy General policy Mitigation added to remove uncertainty. General policy, mitigation added to remove uncertainty Mitigation added to policy wording to avoid LSE & MRE Mitigation added to policy wording to avoid LSE & MRE	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1 1 3e 3e 3a 3e 3e 3e 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 3 c 3 c	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 3 c 3 c 3	3b 3b 1 1 1 1 1 1 1 1 1 1 1 3c 3c 3c 3c 3c 1 3c 1 3c 1 3c 1 3c 1 3c 1 3c 1 3c 1 3c 1 3c 1 3c 1 3c 1 3c 1 3c 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 3c 3a 3a 3c 3c 3c 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 3c 3c 3a 3c 3c 3c 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 3e 1 1 1 1 1 1 1 3c 3c 3a 3c 3c 1 1 1 1 1 1 1 1 1 1 1 1 1
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MIN3: Safeguard Longyester and Skateraw Sand and Gravel Quarries MIN4: Safeguard Bangley and Markle Mains Hard Rock Quarries MIN5: Mineral Resources MIN5: Opencast Coal Extraction MIN5: Opencast Coal Extraction MIN5: Opencast Coal Extraction MIN7: Supporting Information MIN19: Exporting Information MIN11: Prior Extraction of Shallow Coal Development in the Countryside DC1: Rural Diversification DC2: Conversion of rural buildings to housing DC2: Conversion of rural buildings to housing DC3: Replacement dwellings in the countryside DC4:New build housing in the countryside DC5: Housing as enabling development Development in Coastal Areas DC6: Development in the Edinburgh Green Belt Countryside Around Towns Special Landscape Areas DC9: Special Landscape Areas DC9: Special Landscape Areas DC11: Roadside Advertisements Natural Heritage NH1: Protection of Internationally Designated Sites	from a site adjacent to the Firth of Forth SPA. The quarry is likely to generate disturbance of OI at the coast, and there is a risk of pollution, altering habitat quality and character. The effects of these will have been previously assessed. The site is an operational quarry. It is located around 15 km away from the Firth of Forth SPA. There are no records for PFG in the tetrad. Operational sites. General policy General policy Mitigation added to remove uncertainty. General policy, mitigation added to remove uncertainty Mitigation added to policy wording to avoid LSE & MRE Mitigation added to policy wording to avoid LSE & MRE	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1 1 3e 3e 3a 3e 3a 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 3c 3c 3c 3c 3c 3c 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 3c 3c 3c 3c 3c 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 3c 3c 3a 3c 3c 3c 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 3c 3c 3c 3c 3c 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 3c 3c 3c 3c 3c 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 3c 3c 3a 3c 3c 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 3e 1 1 1 1 1 1 1 1 3c 3c 3c 3c 3c 1 1 1 1 1 1 1 1 1 1 1 1 1
MIN3: Safeguard Longyester and Skateraw Sand and Gravel Quarries MIN4: Safeguard Bangley and Markle Mains Hard Rock Quarries MIN5: Mineral Resources MIN6: Supporting Information MIN10: Restoration and Aftercare MIN11: Price Extraction of Shallow Coal Development in the Countryside DC2: Conversion of rural buildings to housing DC3: Replacement dwellings in the countryside DC4: New build housing in the countryside DC4: New build housing in the countryside DC5: Development in Coastal Areas DC6: Development in the Edinburgh Green Belt C7: Development in the Edinburgh Green Belt C0: Creen Net DC6: Development In the Edinburgh Green Belt C0: DC7: Development In the Edinburgh Green Belt C0: DC7: Development In the Edinburgh Green Belt C0: Green Net DC10: Green Network DC10: Green Network DC10: Green Network DC10: Green Network	from a site adjacent to the Firth of Forth SPA. The quarry is likely to generate disturbance of OI at the coast, and there is a risk of pollution, altering habitat quality and character. The effects of these will have been previously assessed. The site is an operational quarry. It is located around 15 km away from the Firth of Forth SPA. There are no records for PFG in the tetrad. Operational sites. General policy General policy Mitigation added to remove uncertainty. General policy, mitigation added to remove uncertainty Mitigation added to policy wording to avoid LSE & MRE Mitigation added to policy wording to avoid LSE & MRE	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 3c 3c 3c 3c 3c 3c 3c 3c 3c 3c	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 3c 3c 3a 3c 3c 1 1 1 3a	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 3c 3c 3c 3c 3c 3c 3c 3c 3c 3c	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 3c 3c 3a 3c 3c 1 1 1 3a	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 3e 1 1 1 1 1 1 1 1 1 3c 3c 3c 3c 3c 3c 3c 3c 3c 3c
MIN3: Safeguard Longyester and Skateraw Sand and Gravel Quarries MIN4: Safeguard Bangley and Markle Mains Hard Rock Quarries MIN5: Mineral Resources MIN6: Opencast Coal Extraction MIN7: Suporting Information MIN9: Supporting Information MIN11: Prior Extraction of Shallow Coal Development in the Countryside DC1: Rural Diversification DC2: Conversion of rural buildings to housing DC3: Replacement dwellings in the countryside DC4:New build housing in the countryside DC5: Housing as enabling development Development in Coastal Areas DC6: Development In the Coastal Area Green Belt DC7: Courtyside Around Towns Special Landscape Areas DC9: Special Landscape Areas DC9: Green Network DC11: Roadide Advertisements Natural Heritage NH1: Protection of Internationally Designated Sites	from a site adjacent to the Firth of Forth SPA. The quarry is likely to generate disturbance of OI at the coast, and there is a risk of pollution, altering habitat quality and character. The effects of these will have been previously assessed. The site is an operational quarry. It is located around 15 km away from the Firth of Forth SPA. There are no records for PFG in the tetrad. Operational sites. General policy General policy Mitigation added to remove uncertainty. General policy, mitigation added to remove uncertainty Mitigation added to policy wording to avoid LSE & MRE Mitigation added to policy wording to avoid LSE & MRE	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 3e 3a 3a 3a 3a 3a 3a	3b 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1 3c 3c 3a 3a 3c 3a 3c 1 1 1 1 1 3a 3a 3a	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1 1 3c 3c 3a 3c 3a 3c 3c 3c 3a 3c 3a 3a 3a	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1 1 3c 3c 3a 3c 3c 3c 3c 3c 3c 3c 3c 3c 3a 3a 3a	3b 3b 1 1 1 1 1 1 1 1 1 1 3c 3c 3a 3c 3c 3c 3c 3c 3c 3c 3c 3c 3c	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 1 1 1 1 1 1 1 1 1 1 1 1 3c 3c 3a 3c 3c 3c 1 1 1 3a 3a 3a 3a	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 3c 3c 3c 3c 3c 3c 3c 3c 3c 3c 3c 3c 3c	3b 3b 1 3e 1 1 1 1 1 1 3c 3a 3a 3a
MIN3: Safeguard Longyester and Skateraw Sand and Gravel Quarries MIN4: Safeguard Bangley and Markle Mains Hard Rock Quarries MIN5: Mineral Resources MIN6: Opencast Coal Extraction MIN7: Mineral Resources MIN6: Opencast Coal Extraction MIN7: Mineral Resources MIN8: Mineral Extraction Criteria MIN9: Supporting Information MIN11: Prior Extraction of Shallow Coal Development in the Countryside DC1: Rural Diversification DC2: Conversion of rural buildings to housing DC3: Replacement dwellings in the countryside DC4:New build housing in the countryside DC5: Housing as enabling development Development in Coastal Areas DC6: Development in the Edinburgh Green Belt DC7: Development in the Edinburgh Green Belt DC7: Development in the Edinburgh Green Belt DC10: Green Network DC10: Green Network DC10: Green Network DC10: Green Network DC10: Creen Network DC10: Creen Network DC11: Roadside Advertisements Natural Heritage NH1: Protection of Sites of Special Scientific Interest and Geological Conservation Review Sites	from a site adjacent to the Firth of Forth SPA. The quarry is likely to generate disturbance of OI at the coast, and there is a risk of pollution, altering habitat quality and character. The effects of these will have been previously assessed. The site is an operational quarry. It is located around 15 km away from the Firth of Forth SPA. There are no records for PFG in the tetrad. Operational sites. General policy General policy Mitigation added to remove uncertainty. General policy, mitigation added to remove uncertainty Mitigation added to policy wording to avoid LSE & MRE Mitigation added to policy wording to avoid LSE & MRE	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 3c 3c 3c 3c 3c 3c 3c 3c 3c 3c	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 3c 3c 3a 3c 3c 1 1 1 3a	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 3c 3c 3c 3c 3c 3c 3c 3c 3c 3c	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 3c 3c 3a 3c 3c 1 1 1 3a	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 3e 1 1 1 1 1 1 1 1 1 3c 3c 3c 3c 3c 3c 3c 3c 3c 3c
MIN3: Safeguard Longyester and Skateraw Sand and Gravel Quarries MIN4: Safeguard Bangley and Markle Mains Hard Rock Quarries MIN5: Mineral Resources MIN5: Mineral Resources MIN5: Mineral Resources MIN6: Opencast Coal Extraction MIN7: Mineral Resources MIN8: Mineral Resources MIN7: Mineral Resources MIN8: Mineral Extraction Criteria MIN9: Supporting Information MIN10: Restoration and Aftercare MIN11: Prior Extraction of Shallow Coal Development in the Countryside DC1: Rural Diversification DC2: Conversion of rural buildings to housing DC3: Replacement dwellings in the countryside DC4:New build housing in the countryside DC5: Housing as enabling development Development in Coastal Areas DC6: Development in the Edinburgh Green Belt DC7: Development in the Edinburgh Green Belt DC7: Development in the Edinburgh Green Belt DC0: Green Network DC1: Green Network	from a site adjacent to the Firth of Forth SPA. The quarry is likely to generate disturbance of OI at the coast, and there is a risk of pollution, altering habitat quality and character. The effects of these will have been previously assessed. The site is an operational quarry. It is located around 15 km away from the Firth of Forth SPA. There are no records for PFG in the tetrad. Operational sites. General policy General policy Mitigation added to remove uncertainty. General policy, mitigation added to remove uncertainty Mitigation added to policy wording to avoid LSE & MRE Mitigation added to policy wording to avoid LSE & MRE	3b 3b 3b 1 1 1 1 1 1 1 3e 3a 3e 3a 3a 3a 3a 3a 3a 3a 3a 3a	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 3c 3c 3a 3c 3a 3c 3c 3c 3c 3a 3a 3a 3a 3a 3a 3a	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 1 1 1 1 1 1 1 1 1 1 1 3c 3c 3c 3c 3c 3c 3c 3c 3c 3c	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 3 2 3 3 3 3	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 3e 1 1 1 1 1 1 1 3c 3a 3a 3a 3a 3a 3a
MIN3: Safeguard Longyester and Skateraw Sand and Gravel Quarries MIN4: Safeguard Bangley and Markle Mains Hard Rock Quarries MIN5: Mineral Resources MIN6: Opencast Coal Extraction MIN7: Mineral Resources MIN8: Mineral Resources MIN7: Supporting Information MIN19: Supporting Information MIN11: Prior Extraction of Shallow Coal Development in the Countryside DC1: Rural Diversification DC2: Conversion of rural buildings to housing DC2: Conversion of rural buildings to housing DC3: Replacement dwellings in the countryside DC4:New build housing in the countryside DC5: Housing as enabling development Development in Coastal Areas DC6: Development in the Edinburgh Green Belt Countryside Around Towns DC3: Repelal Landscape Areas DC9: Special Landscape Areas DC9: Special Landscape Areas DC9: Special Conservatiements Natural Heritage NH1: Protection of Internationally Designated Sites NH2: Protection of Sites of Special Scientific Interest and Geological Conservation Review Sites NH2: Protection of Sites of Special Scientific Interest and Geological Conservation Review Sites NH3: Protection o	from a site adjacent to the Firth of Forth SPA. The quarry is likely to generate disturbance of OI at the coast, and there is a risk of pollution, altering habitat quality and character. The effects of these will have been previously assessed. The site is an operational quarry. It is located around 15 km away from the Firth of Forth SPA. There are no records for PFG in the tetrad. Operational sites. General policy General policy Mitigation added to remove uncertainty. General policy, mitigation added to remove uncertainty Mitigation added to policy wording to avoid LSE & MRE Mitigation added to policy wording to avoid LSE & MRE	3b 3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 3c 3c 3c 3c 3c 3c 3c 3c 3c 3c	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 3c 3a 3c 3c 3c 3c 3c 3c 3c 3c 3c 3c	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 3c 3c 3c 3c 3c 3c 3c 3c 3c 3c	3b 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 3e 1 1 1 1 1 1 1 3c 3c 3a 3a 3a 3a 3a 3a
MIN3: Safeguard Longyester and Skateraw Sand and Gravel Quarries MIN4: Safeguard Bangley and Markle Mains Hard Rock Quarries MIN5: Mineral Resources MIN5: Onshore OII and Gas MIN9: Supporting Information MIN10: Restoration and Aftercare MIN11: Prior Extraction of Shallow Coal Development in the Countryside DC1: Rural Diversification DC2: Conversion of rural buildings to housing DC3: Replacement dwellings in the countryside DC4: New build housing in the countryside DC5: Housing as enabling development Development in Coastal Areas DC6: Development in the Edinburgh Green Belt Countryside Around Towns DC3: Replatement were seases DC6: Development in the Edinburgh Green Belt Countryside Around Towns DC8: Countryside Around Towns DC9: Special Landscape Areas DC9: Special Conservation Review Sites NH1: Protection of Internationally Designated Sites NH2: Protection of Sites of Special Scientific Interest and Geological Conservation Review Sites	from a site adjacent to the Firth of Forth SPA. The quarry is likely to generate disturbance of OI at the coast, and there is a risk of pollution, altering habitat quality and character. The effects of these will have been previously assessed. The site is an operational quarry. It is located around 15 km away from the Firth of Forth SPA. There are no records for PFG in the tetrad. Operational sites. General policy General policy Mitigation added to remove uncertainty. General policy, mitigation added to remove uncertainty Mitigation added to policy wording to avoid LSE & MRE Mitigation added to policy wording to avoid LSE & MRE	3b 3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 3c 3c 3a 3a 3a 3a 3a 3a 3a 3a 3a	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 3c 3c 3c 3a 3c 3c 3c 3c 3a 3a 3a 3a 3a 3a 3a	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 1 1 1 1 1 1 1 1 1 1 1 1	3b 3b 1 3e 1 1 1 1 1 1 1 1 1 3c 3c 3a 3a 3a 3a 3a 3a 3a
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			-	-										
NH8: Trees and Development		1	1	1	1	1	1	1	1	1	1	1	1	1
NH9: Water Environment NH10: Sustainable Drainage Systems		3a 1												
NH11: Flood Risk		1	3e	3c	3e	3c	3c							
NH12: Air Quality		1	1	1	1	1	1	1	1	1	1	1	1	1
NH13: Noise Cultural Heritage		1	1	1	1	1	1	1	1	1	1	1	1	1
CH1: Listed Buildings		3a												
CH2: Development Affecting Conservation Areas		1	1	1	1	1	1	1	1	1	1	1	1	1
CH3: Demolition of an Unlisted Building in a Conservation Area		1	1	1	1	1	1	1	1	1	1	1	1	1
		1	- 1						-	1				-
CH4: Scheduled Monuments and Archaeological Sites		3a												
CH5: Battlefields		3e	3c	3e	3c	3c								
CH6: Gardens and Designed Landscapes CH7: Greywalls, Gullane		3a 3a												
CH8: West Road Field, Haddington		3c	3a 3c	3c	3c	3c	3c	3c	3c	3a 3c	3c	3a 3c	3c	3c
CH9: High Street/Inch View, Prestonpans	This policy is carried forwards from previous local plan, when it was screened out as being a protective policy. This is a criteria- based policy, that sets out factors to be considered if development comes forward in certain areas but does not on its own promote or enable development in these areas, or specify the type or location of development that may be acceptable. Mitigation added to remove uncertainty.	3b	3с	3c	3с	3с	3с	3с	3с	3d	3c	3с	3c	3c
Design														
DP1: Landscape Character DP2: Design		1	1	1	1	1	1	1	1	1	1	1	1	1
DP3: Housing Density		1	1	1	1	1	1	1	1	1	1	1	1	1
DP4: Major Development Sites		1	1	1	1	1	1	1	1	1	1	1	1	1
		_												
DP5: Extensions and Alterations to Existing Buildings DP6: External Security on Unlisted, Buildings Outwith		1	1	1	1	1	1	1	1	1	1	1	1	1
a Conservation Area	<u> </u>	1	1	1	1	1	1	1	1	1	1	1	1	1
						-								
DP7: Infill, Backland and Garden Ground Development DP8: Design Standards for New Housing Areas		3e 1	3c 1	3C	3c 1	3c 1	3c 1							
DP8: Design standards for New Housing Areas DP9: Development Frameworks and Briefs		1	1	1	1	1	1	1	1	1	1	1	1	1
DEL1: Infrastructure and Facilities Provision		1	1	1	1	1	1	1	1	1	1	1	1	1
MH17: Development Briefs (Musselburgh)		1	1	1	1	1	1	1	1	1	1	1	1	1
PS3. Development Briefs (Prestonpans)		1	1	1	1	1	1	1	1	1	1	1	1	1
BW3: Blindwells Area Design Framework TT17: Development Briefs (Tranent)		1	1	1	1	1	1	1	1	1	1	1	1	1
HN9: Development Briefs (Haddington)		1	1	1	1	1	1	1	1	1	1	1	1	1
DR12: Development Briefs (Dunbar)		1	1	1	1	1	1	1	1	1	1	1	1	1
NK12: Development Briefs (North Berwick)		1	1	1	1	1	1	1	1	1	1	1	1	1
List of Spatial Proposals Musselburgh Cluster:														
massibulyn claster.	MRE for loss of PFG habitat; loss of habitat for waders(Curlew,													
MH1. Craighall, Musselburgh	lapwing, oystercatcher, redshank, golden plover). MRE for coastal recreation. SNH screened in. Mitigation added to remove uncertainty.	3d	3c	3d	3c	3d								
MH2. Land at Old Craighall Village, Musselburgh	MRE for loss of PFG habitat; loss of habitat for waders(Curlew, lapwing, oystercatcher, redshank, Golden plover); MRE coastal recreation. SNH screened in.	3d	3c	3d	3c	3d								
MH3. Land at Old Craighall Junction South West, Musselburgh	MRE for Curlew, lapwing, oystercatcher, redshank, golden plover & recreational disturbance at the coast. Site considered too small to support PFG	3d	3c											
	MRE for loss of habitat for waders (Curlew, lapwing,													
MH4. Land at Old Craighall Junction, Musselburgh	oystercatcher, redshank, Golden plover). Site considered too small for PFG. Employment only. SNH screened in.	3d	3c											
MH4. Eand at tota charghan suffiction, Masseburgh MH5. Former Edenhall Hospital, Musselburgh	MRE coastal disturbance only. SNH screened out	3d	3C 3C											
MH6. Pinkie Mains, Musselburgh	Site included in previous Local Plan and was screened out for effects on PFG, but identified as having MRE for coastal disturbance of OI. Whilst site is within tetrad from which OI been recorded (PFG, Curlew, grey plover, golden plover, lapwing, oystercatcher, redshank) site is partially developed. Recreational disturbance.	3d	3c	3c	3с	3c	3c	3c	3c	3c	3c	3d	3c	3d
	MRE for loss of inland wader habitat (curlew, golden plover,													
	grey plover, lapwing). PFG screened out owing to size of site &										1			
MH7. Pinkie Mains (Intensification), Musselburgh	disturbance. Recreational disturbance at coast. SNH screened in	3d	3c											
	MPE for loss of inland worder babitat (au-low and the star										1			
	MRE for loss of inland wader habitat (curlew, golden plover, lapwing, oystercatcher & redshank) & coastal recreation. PFG										1			
MH8. Levenhall, Musselburgh	screened out owing to size of site. SNH screened in.	3d	3c											
	Previous HRA available, which screened site out. Included in										1			
	previous Local Plan. MRE for loss of PFG habitat, loss of inland wader habitat (golden plover, lapwing, oystercatcher) &										1			
	recreational disturbance. SNH screened in. Mitigation added to										1			
MH9. Land at Wallyford	remove uncertainty.	3d	3c	3d	3c	3d								
	MRE for loss of PFGhabitat; loss of inland wader habitat										1			
	(curlew, golden plover, lapwing, oystercatcher, redshank); recreational disturbance. SNH screened in. Mitigation added to										1			
MH10. Dolphingstone Housing Land Safeguard	remove uncertainty.	3d	3c	3d	3c	3d								
MH11 Education: New Secondary Education Establishment Wallyford (included within land allocation MH9 & MH10 so not assessed separately)														
	Site spans two tetrads, only one of which contains PFG and some of the waders. MRE for loss of inland PFG habitat; loss of wader habitat (curlew, golden plover, lagwing, oystercatcher,													
MH12. Barbachlaw Wallyford	redshank); Coastal recreational disturbance. SNH screened in.	3d	3c	3d	3c	3d								
	Adjoins Barbachlaw, but within tetrad with low numbers of QI. Loss of wader habitat (low numbers curlew, oystercatcher, redshank); coastal recreation. Mitigation added to remove													
MH13 Howe Mire	uncertainty.	3d	3c											
	MRE for loss of inland wader habitat (curlew); recreational													
MH14. Land at Whitecraig south	disturbance. SNH screened in MRE loss of inland wader habitat (curlew oystercatcher,	3d	3c											
				1	1			1	1	1	1	1		
MH15. Land at Whitecraig North	redshank); coastal recreation. SNH screened in.	3d	3c											

MH16 Education: Whitecraig Primary School Expansion Land (included within land allocation MH14 so not assessed separately														
Sites in Table MH1: Brunton wireworks	Already consented. No potentially suitable habitat. MRE for coastal disturbance.	3d	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c
Monktonhall Terrace	Already consented; no potentially suitable habitat; MRE for recreational disturbance. SNH screened out	3d	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c
Drumhohr Avenue	Already consented; no potentially suitable habitat; MRE for recreation.	3d	3c	3C 3C	3c	3c	3c	3C 3C	3C 3C	3c	3c	3c	3C 3C	3c
	Already consented. Lies in tetrad for curlew, golden plover, lapwing, oystercatcher, redshank. SNH screened in. MRE for													
Salters Road	recreational disturbance only.	3d	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c
Chalkieside Steading Newhailes Industrial Estate	Already consented. MRE for recreational disturbance. Already operational; no potentially suitable habitat	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c
Fisherrow Wallyford Industrial Estate Olivebank	Already operational; no potentially suitable habitat Already operational; no potentially suitable habitat Already operational; no potentially suitable habitat	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c 3c	3c 3c	3c 3c	3c 3c
Kirk Park	Site carried forward from previous plan & screened out at that time	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3C 3C	3c 3c	3c 3c	3c 3c
MH18: Levenhall	Habitat creation & management opportunity. Will benefit QI.	3a	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c
Prestonpans Cluster:														
PS1. Longniddry South	Already consented. Loss of inland PFG habitat; loss of inland wader habitat (curlew, golden plover, grey plover, lapwing, oystercather & redshank); MRE for recreation. SNH screened in	3d	3c	3c	3c	3c	3c	3c	3c	3c	3c	3d	3c	3c
PS2 Land at Dolphingstone North, Prestonpans	Already consented; precise location unknown, but likely to be too much disturbance for PFG. Curlew, golden plover & lapwing recorded from tetrad, but not likely to be present on site. MRE for coastal disturbance. SNH screened in	3d	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c
Sites in Table PS1 Edinburgh Road	Already consented. MRE recreational disturbance	3d	3c	3c	3c	3c	3c	3c	3c	3c	3c	2c	3c	3c
West Seaside	Already consented; MRE for recreational disturbance at coast	3d	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c
Cockenzie House	Already consented; MRE for recreational disturbance at coast Already consented; lack of data for precise location. MRE for	3d	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c
Seton East Steading Mid Road Industrial Estate	recreational disturbance at coast Already operational. Employment site only	3d 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c
Whin Park/Cockenzie Business Centre Blindwells	Already operational. Employment site only	3c	3c	3c	3c 3c	3c	3c	3c	3c	3c	3c	3c	3c	3c
BW1. Blindwells New Settlement	Included within previous Local Plan & was identified as having MRE for coastal disturbance of OI. HRA been conducted for site. MRE for loss inland PFG habitat; inland wader habitat (curlew, golden plover, grey plover, lapwing, oystercatcher, redshank). MRE recreational disturbance.	3d	3c	3c	3c	3c	3c	3c	3c	3c	3c	3d	3c	3c
BW2. Safeguarded Blindwells Expansion Area Tranent Cluster:	MRE for loss inland PFG habitat; inland wader habitat (curlew, golden plover, grey plover, lapwing, oystercatcher, redshank). MRE recreational disturbance.	3d	3c	3c	3c	3c	3c	3c	3c	3c	3c	3d	3c	3c
	Adjoins other potential sites. QI are PFG and Golden plover, which are sensitive to disturbance. Screen in for recreational													
TT1. Windygoul South - Tranent TT2. Windygoul Primary School Expansion Land,	disturbance at coast. SNH screened in.	3d	3c	3c	3c	3c	3c	3c	3c	3c	3c	3d	3c	3c
Tranent	Part of TT1 and adjoins built-up area. Consider with TT1 Site to be used for business purposes, so no contribution to	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c
TT3. Windygoul South West, Tranent	coastal recreation. Only PFG and GP recorded, which are sensitive to disturbance so unlikely to use site. SNH screened in	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c
TT4. Lammermoor Terrace, Tranent	MRE loss of inland wader habitat (curlew, golden plover, lapwing); MRE recreational disturbance. SNH screened in. Screened out for PFG owing to size of site.	3d	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c
TT5. Bankpark Grove, Tranent	MRE for coastal disturbance. Site considered too small to support PFG & too disturbed to support lapwing. SNH screened in	3d	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c
TT6. Kingslaw, Tranent	Employment site only. Site considered too small & disturbed to support PFG, & too disturbed & unsuitable habitat for lapwing. Screened out. SNH screened in	3c	3c	20	20	20	3c	30	20	20	3c	3c	20	20
	Site lies in tetrad with high numbers of PFG and is large enough to support this species. GP, L and O recorded from tetrad.	30	30	3c	3c	3c	30	3c	3c	3c	30	30	3c	3c
TT7. Macmerry North	Coastal disturbance. SNH screened in SNH screened in. Screened out because only QI is PFG. Site	3d	3c	3c	3c	3c	3c	3c	3c	3c	3c	3d	3c	3c
TT8. Macmerry Business Park East	adjoins developed area and is considered too disturbed to support PFG. Employment site only.	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c
TT9. Gladsmuir East	MRE coastal recreation. Although site lies in a tetrad from which PFG & GP have been recorded, proposed location is adjacent to built up areas so is considered too disturbed to support these species	3d	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c
TT10 Limuland Read Amister	Screened out by SNH. Site is within a tetrad that supports some PFG (100+) & too far from coast for waders; built up on two sides and bordered by roads; too small and too much disturbance for PFG. Site considered too far from coast to contribute to coastal recreation		¢.	a.		¢.	0 -	a.	c.	2.	-	-	2-	a-
TT10. Limeylands Road, Ormiston	contribute to coastal recreation MRF recreation disturbance at coast. Site is within a tetrad from which Golden plover has been recorded, and contains agricultural land. Site may be too disturbed or unsuitable for this species. SNH screeneed out	3c 3d	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c
	Site in in a tetrad from which PFG has been recorded, but site is too small to support them, although it is adjacent to other													
TT12. Woodhall Road, Wester Pencaitland TT13. Lempockwells Road, Wester Pencaitland	habitat. Screen out. Screened out of MRE for coastal recreation owing to distance	3c 3c	3c 3c	3c	3c 3c	3C	3c 3c	3c	3c 3c	3c 3c	3c	3c 3c	3c 3c	3c
TT13. Lempockweits Road, wester Pencartiand TT14. Parkview, Easter Pencaitland	Screened out of MRE for coastal recreation owing to distance	3C 3C	3C 3C	3c 3c	3C 3C	3c 3c	3C 3C	3c 3c	3C 3C	3C 3C	3c 3c	3C 3C	3C 3C	3c 3c
THE FORMEW, LOSTER PERIODITION	servened out of mixe for coastal recreation owing to distance	30	зC	зC	зC	3C	30	зC	3C	30	۵C	зC	30	JC

Г		1	r	1	1			1			1	1	T	
TT15. Humbie North	Screened out of MRE for coastal recreation owing to distance	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c
TT16. East Saltoun	Screened out of MRE for coastal recreation owing to distance	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c
Sites in Table TT1	Screened out of Wike for coastal recreation owing to distance	30	30	30	30	30	36	36	30	30	JU	30	30	JL
North Elphinetono Form	MRE coastal disturbance. Just within 5km of coast. Conversion of farm steading.	24	2-	2-	2-	2-	2-	2-	2-	2-	2-	2-	2-	2-
North Elphinstone Farm	MRE coastal disturbance. Included in previous Local Plan &	3d	3c	3c	3c									
	already consented. Screened out at that time. Steading													
Land to south of Tranent Mains Farm Highlea Steading Humbie	conversion. SNH screened out. Already consented; steading conversion	3d 3c	3c 3c	3d 3c	3c 3c	3c 3c								
Highlea Farm Humble	Already consented; steading conversion	3c	3c	3c	3c	3c	3c 3c	3c	3c	3c	3c	3c	3c	3c
Westbank Steading, Macmerry	No QI. Too far for recreational disturbance	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c
Westbank Road Macmerry	Already consented; no QI. Too far for recreational disturbance	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c
	MRE recreational impacts. Already consented; replacement													
73-77 High St. Tranent	development of farm steading. MRE coastal development. Already consented; replacement	3d	3c	3c	3c									
22-24 Bridge St.	development.	3d	3c	3c	3c									
Land at Elder Street	MRE coastal disturbance. Already consented; replacement development.	3d	20	20	20	3c	3c	20	20	20	20	20	20	20
Elphinstone Road Bus Pk	Already developed. Employment site.	30 30	3c 3c	3c 3c	3c 3c									
	Adjacent to developed area considered too disturbed for PFG.													
Macmerry Industrial Estate Macmerry Business Park, Greendykes	Employment only Partially developed. Employment only	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c
Fleets + Charles Rivers	Part already developed. Employment only	3c	3c	3c	3c	3c	3c 3c	3c	3c	3c	3c	30	-	3c
Haddington Cluster:														
HN1. Letham Mains, Haddington	Included in previous Local Plan, and was screened out. Further than 5 km; no PFG	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c
HN2. Letham Mains Expansion, Haddington	Further than 5 km; no PFG	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c
HN3. Land at Dovecot, Haddington	Further than 5 km; no PFG. SNH screened out Part of site carried forward from previous local plan. Further	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c
HN4. Land at Gateside East, Haddington	than 5 km; no PFG. SNH screened out	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c
HN5. Land at Gateside West, Haddington	Further than 5 km; no PFG	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c
HN6. Gateside West, Haddington HN7. Land at Alderston, Haddington	Further than 5 km; no PFG Further than 5 km; no PFG	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c
HN8. Land at Peppercraig, Haddington	Further than 5 km; no PFG; already developed	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c		3c
Sites in Table HN1	Included in previous Local Plan & already concented - No MDE	<u> </u>		\vdash	\mid			<u> </u>			+	+	+	
Gifford Garage	Included in previous Local Plan & already consented. No MRE identified at that time. Further than 5 km	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c
Mill Wynd	Already consented; further than 5 km	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c
Under Bolton Steading West Road	Already consented; further than 5 km Already consented; further than 5 km	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c
Chesters Farm	Already consented; further than 5 km	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c
Begbie Farm	Already consented; further than 5 km	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c
Pure Malt Tyne Close	Further than 5 km; no PFG; already developed Further than 5 km; no PFG; already developed	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c
Station Yard	Further than 5 km; no PFG; already developed	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c
Pepperaig Quarry Hospital Road	Further than 5 km; no PFG Further than 5 km; no PFG; already developed	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c	3c 3c
	Carried forward from previous local plan, when screened out.	30	30	30	30	30	30	30	JU	JU	30	30	JU	JU
	Already operational. Further than 5 km; no PFG; within urban													
Alderston Dunbar Cluster:	Already operational. Further than 5 km; no PFG; within urban area	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c
Alderston Dunbar Cluster:	area	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c
Dunbar Cluster:	area													
	area	3c 3d	3c 3c			3c 3c								
Dunbar Cluster:	area Site carried forward from previous Local Plan. Already consented?; no QL; MRE for recreational disturbance Potentially suitable habitat, but close to edge of tetrad. Records for PFG, curlew, golden plover, grey plover, lapwing,													
Dunbar Cluster:	area Site carried forward from previous Local Plan. Already consented?; no Ol.; MRE for recreational disturbance Potentially suitable habitat, but close to edge of tetrad.													
Dunbar Cluster: DR1. Hallhill South West, Dunbar	area Site carried forward from previous Local Plan. Already consented?; no OL; MRE for recreational disturbance Potentially suitable habitat, but close to edge of tetrad. Records for PFG, curlew, golden plover, grey plover, lapwing, oystercatcher, redshank. MRE for recreational disturbance at	3d	3c	3c	3c									
Dunbar Cluster: DR1. Hallhill South West, Dunbar DR2. Hallhill North, Dunbar	area Site carried forward from previous Local Plan. Already consented?: no QL; MRE for recreational disturbance Potentially suitable habitat, but close to edge of tetrad. Records for PFG, curlew, golden plover, grey plover, lapwing, oystercatcher, redshank. MRE for recreational disturbance at coast Creation of sports pitches in opern areas. No QL MRE for recreational disturbance	3d	3c	3c 3d	3c	3c								
Dunbar Cluster: DR1. Hallhill South West, Dunbar DR2. Hallhill North, Dunbar DR3 Hallhill Healthy Living Centre DR4. Brodie Road, Dunbar	area Site carried forward from previous Local Plan. Already consented?; no 0L; MRE for recreational disturbance Potentially suitable habit at, but close to edge of tetrad. Records for PFG, curlew, golden plover, grey plover, lapwing, oystercatcher, redshank. MRE for recreational disturbance at coast Creation of sports pitches in opern areas. No 0L: MRE for recreational disturbance MRE for curlew, golden plover, grey plover, lapwing, oystercatcher, redshank. Too disturbed for PFG. MRE for	3d 3d 1 3d	3c 3c 3c	3c 3d 3c 3c	3c 3c 3c	3c 3c 3c 3c								
Dunbar Cluster: DR1. Hallhill South West, Dunbar DR2. Hallhill North, Dunbar DR3. Hallhill Healthy Living Centre	area Site carried forward from previous Local Plan. Already consented?; no QL; MRE for recreational disturbance Potentially suitable habitat, but close to edge of tetrad. Records for PFG, curlew, golden plover, grey plover, lapwing, oystercatcher, redshank. MRE for recreational disturbance at coast Creation of sports pitches in opern areas. No QL MRE for curlew, golden plover, grey plover, lapwing, oystercatcher, redshank. Too disturbance MRE for curlew, golden plover, grey plover, lapwing, oystercatcher, redshank. Too disturbed for PFG. MRE for recreational disturbance at coast	3d	3c	3c	3c 3c	3c	3c	3c 3c	3c 3c	3c	3c 3c	3c 3d 3c 3c	3c 3c 3c	3c
Dunbar Cluster: DR1. Hallhill South West, Dunbar DR2. Hallhill North, Dunbar DR3 Hallhill Healthy Living Centre DR4. Brodie Road, Dunbar	area Site carried forward from previous Local Plan. Already consented?; no 0L; MRE for recreational disturbance Potentially suitable habit at, but close to edge of tetrad. Records for PFG, curlew, golden plover, grey plover, lapwing, oystercatcher, redshank. MRE for recreational disturbance at coast Creation of sports pitches in opern areas. No 0L: MRE for recreational disturbance MRE for curlew, golden plover, grey plover, lapwing, oystercatcher, redshank. Too disturbed for PFG. MRE for	3d 3d 1 3d	3c 3c 3c	3c 3d 3c 3c	3c 3c 3c	3c 3c 3c 3c								
Dunbar Cluster: DR1. Hallhill South West, Dunbar DR2. Hallhill North, Dunbar DR3 Hallhill Healthy Living Centre DR4. Brodie Road, Dunbar	area Site carried forward from previous Local Plan. Already consented?; no OL; MRE for recreational disturbance Potentially suitable habitat, but close to edge of tetrad. Records for PFG, curlew, golden plover, grey plover, lapwing, oystercatcher, redshank. MRE for recreational disturbance at coast Creation of sports pitches in opern areas. No OL MRE for recreational disturbance MRE for curlew, golden plover, grey plover, lapwing, oystercatcher, redshank. Too disturbed for PFG. MRE for recreational disturbance at coast MRE for loss of inland wader habitat (curlew, golden plover, grey plover, lapwing, oystercatcher, redshank). Too disturbed for PFG. MRE for recreational disturbance	3d 3d 1 3d	3c 3c 3c	3c 3d 3c 3c	3c 3c 3c	3c 3c 3c 3c								
Dunbar Cluster: DR1. Hallhill South West, Dunbar DR2. Hallhill North, Dunbar DR3 Hallhill Healthy Living Centre DR4. Brodie Road, Dunbar DR5. Land at Newtonlees, Dunbar	area Site carried forward from previous Local Plan. Already consented?; no QL; MRE for recreational disturbance Potentially suitable habitat, but close to edge of tetrad. Records for PFG, curlew, golden plover, grey plover, lapwing, oystercatcher, redshank. MRE for recreational disturbance at coast Creation of sports pitches in opern areas. No QL MRE for recreational disturbance MRE for curlew, golden plover, grey plover, lapwing, oystercatcher, redshank. Too disturbed for PFG. MRE for recreational disturbance at coast MRE for loss of inland wader habitat (curlew, golden plover, grey plover, lapwing, oystercatcher, redshank). Too disturbed for PFG. MRE for recreational disturbance MRE for loss of inland wader habitat (curlew, golden plover, grey Biover, lapwing, oystercatcher, redshank). Too disturbed for PFG. MRE for loss of inland wader habitat (curlew, golden plover, grey Biover, lapwing, oystercatcher, redshank).	3d 3d 1 3d 3d	3c 3c 3c 3c 3c	3c 3c 3c 3c	3c 3c 3c 3c 3c	3c 3c 3c 3c 3c	3c 3c 3c 3c 3c	3c 3c 3c 3c 3c	3c 3c 3c 3c	3c 3c 3c 3c	3c 3c 3c 3c 3c	3c 3d 3c 3c 3c 3c	3c 3c 3c 3c	3c 3c 3c 3c 3c 3c
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Former Gasworks	Already committed; MRE recreational disturbance Already committed; Steading conversion; MRE recreational	3d	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c
Tyninngham Links	disturbance	3d	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c
Little Spott	Already committed; Steading conversion; MRE recreational disturbance	3d	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c
Pleasance Farm	Already committed; Steading conversion. MRE recreational disturbance	3d	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c
	Already committed; Steading conversion. MRE recreational													
Dairy Cottage Thurston	disturbance	3d	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c
Belhaven Road	Already committed; MRE recreational disturbance	3d	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c
Spott Road	This site is carried forward from the previous local plan, when it was screened out. It is already operational. Emplyment only	3c	3c	3c	3c	3c	3c	3c						
Dunbar Road Industrial Estate	Employment site only, already operational	3c	3c	3c	3c	3c	3c	3c						
Beltonford West Barns	Already operational. Employment only	3d	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c
Industrial Estate East Linton	Employment site only, already operational	3c	3c	3c	3c	3c	3c	3c						
North Berwick Cluster:														
NK1. Mains Farm, North Berwick NK2. North Berwick High and Law Primary School Safeguarded Expansion Land	Included within previous Local Plan when it was identified as having MRE for coastal disturbance of OI. MRE for loss on inland PFG habitat; loss of inland wader habitat (curlew, grey plover, lapwing, oystercatcher, redshank). MRE recreational disturbance Part of NK1	3d	3c	3c	3c	3c	Зс	3c	3c	3c	3c	3c	3c	3c
NK3. Gilsland, North Berwick	Included in previous Local Plan and was identified as having MRE for coastal disturbance. MRE loss of inland PFG habitat: loss of inland wader habitat (curlew, grey plover, oystercatcher, redshank). MRE recreational disturbance	3d	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c
NK4. Land at Tantallon Road, North Berwick	Existing application; too disturbed for PFG; MRE for loss of inland wader habitat (curlew, grey plover, oystercatcher, redshank); MRE recreational disturbance. SNH screened in.	3d	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c
Intel Earla de Fantanon Roda, North Borwick	MRE loss of inland habitat (curlew, grey plover, lapwing,	50	30	50	50	50	50	50	50	50	50	30	50	JC
NK5. Land at Ferrygate Farm, North Berwick	oystercatcher, redshank); too disturbed for PFG; MRE for recreational disturbance	3d	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c
NK6. Former Fire Training School, Gullane	No suitable habitat; land already developed; SNH screened out; MRE recreational disturbance	3d	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c
NK7. Saltcoats, Gullane	PFG recorded - MRE loss of inland PFG habitat. SNH screened in. MRE for recreational disturbance. Mitigation added to remove uncertainty.	3d	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c
	Edge of development, but very close to where PFG been recorded feeding. MRE loss of PFG habitat. MRE for recreational distributions. Militation added to express uncertainty.	24	2-	2-	2-	2-	2-	2-	2-	2-	2-	2-	2-	2-
NK8. Fentoun Gait East, Gullane	disturbance. Mitigation added to remove uncertainty.	3d	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c
NK9. Fentoun Gait South, Gullane	Edge of development, but very close to where PFG been recorded feeding. MRE loss of PFG habitat. MRE for recreational disturbance. Mitigation added to remove uncertainty.	3d	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c
NK10. Aberlady West	SNH screened in; MRE for loss of inland wader habitat (lapwing, oystercatcher, redshank). Considered too small for PFG; MRE for recreational disturbance	3d	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c
	SNH screened in BUT only PFG from tetrad and likely to be too	30	30	30	JU	JU	JU	36	JU	JU	30	JU	56	JL
NK11. Castlemains Direlton	disturbed; MRE for recreational disturbance	3d	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c
Sites listed in Table NK1			00						50				00	55
Athelstaneford	Already consented ; location unclear; MRE loss of PFG habitat	3d	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c
DireIton Court	Already consented ; MRE recreational disturbance	3d	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c
New Mains	Already consented ; Steading conversion. MRE recreational disturbance	3d	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c
	Already consented ; Steading conversion. MRE recreational													
Camptoun Steading	disturbance Already consented;Steading conversion.Will contribute to	3d	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c
Kingston Farm	coastal recreation SNH screened in; Partially developed, employment only.	3d	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c
Tantallon Road/ Mill Walk	Screened out	3c	3c	3c	3c	3c	3c	3c						

Proposals to be screened for cumulative effects														
Policy/Proposal	Comments	Firth of Forth SPA	Forth Islands SPA	mperial Dock, Leith SPA	isle of May SAC	Firth & Tay Eden Estuary SAC	Berwickshire & North Northumberland Coast SAC	River Teith SAC	Moray Firth SAC	Firth of Forth & St Andrews Bay compled dSPA	River Tweed SAC	Fala Flow SPA	Greenlaw Moor SPA	Gladhouse Reservoir SPA
				_							_			
Education, Community & Health and Social Care Facilities														
ED2: Prestonpans Cluster Education Proposals														
ED2 part A Preston Lodge High School	MRE loss of inland wader habitat: Golden plover, oystercatcher, redshank, lapwing, curlew. Golden plover & lapwing screened out owing to site being in urban area.	3d	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c	3c
ED6: Dunbar Cluster Education Proposals														
ED6 Part A Dunbar Grammar	Existing school is near the coast, and occurs in a tetrad from which lapwing, golden plover, curlew, grey plover, redshank, oystercatcher, and PFG have been recorded. School lies adjacent to areas of grassland of sufficient size to support waders. Site considered too disturbed for some QI: PFG, grey plover, golden plover, lapwing.	3d	3с	3с	3с	3с	3с	3с	3с	3с	3с	3c	3с	3с
ED7: North Berwick Cluster Education proposals														
	Existing school is situated in a tetrad from which 5 QI of the Firth of Forth SPA that use inland areas have been recorded (PFG, curlew, Grey Plover, Oystercatcher, Redshank), and has areas of grassland of sufficient size to support species such as curlew, oystercatcher & redshank. Site lies beyond 20 km foraging range of Fala Flow SPA. Site is considered too small/disturbed for grey plover & PFG.	3d	3с	3с	3с	3c	3c	3c	3c	3c	3c	3c	3c	3c

				r										
ED7 Part Bii Law Primary School - additional campus land Open Space and Play Provision	Existing school is situated in a tetrad from which 5 QI of the Firth of Forth SPA that use inland areas have been recorded (PFG, curlew, Grey Plover, Oystercatcher, Redshank), and has areas of grassland adjacent. Site considered too disturbed for PFG & lies beyond 20 km foraging distance of Fala Flow SPA. Also considered too small for grey plover. Location of new campus land is not known. Potential MRE for loss of inland wader habitat.	3d												
OS5 New Cemetery provisions														
New Cemetery in Dunbar Cluster - Land adjacent Deer Park Cemetery	Precise details of extension not known, but adjoining areas include areas of grassland and site is within tetrad for PFG. MRE loss of PFG habitat; loss of inland wader habitat(oystercatcher, redshank, curlew). Mitigation added to remove uncertainty.	3d												
Dirleton Cemetery Extension - car parking	Precise location of extension not known, but QI recorded from tetrad. MRE for loss of inland PFG habitat; loss of inland wader habitat (oystercatcher, redshank, curlew, Golden plover, lapwing). Mitigation added to remove uncertainty.	3d												
Whitekirk Cemetery (potential at Glebe Field)	Precise location of extension not known, but grassland/ag fields adjoining. MRE loss of inland wader habitat (curlew). Mitigation added to remove uncertainty.	3d												
T3: Segregated Active Travel Corridor	A feasibility study has been completed, which sets out a 20-year strategy and identifies potential routes. A preferred route has been identified and shown on the proposals map, but this has yet to be subjected to HRA. At the broad scale of the proposals map, the suggested route runs close to, and possibly through, fields from which PFG have been recorded, and passes through tetrads from which other QI have been recorded. MRE loss of wader/ PFG habitat. Mitigation added to remove uncertainty.	3d	3c	3c	3c	3с	3с	3с	3c	3c	Зc	3d	3с	3с
T9: Safeguarding of Land for Larger Station Car Parks	Assessed under each location		3c	3c	3c	00	30	30				Ju	3c	3c
17. Saleyuaruniy UL Lanu TUL Laryer Station Car Parks			36	30	36								SC	36

Musselburgh	Occurs in tetrad from which 6 QI of the Firth of Forth SPA have been recorded. Potentially suitable habitat adjoins station. Site is also within foraging distance of Gladhouse Reservoir and Fala Flow SPAs. MRE loss of inland PFG habitat; loss of inland wader habitat (curlew, golden plover, lapwing, oystercatcher, redshank). Mitigation added to remove uncertainty.	3d	3с	3d	3c	3d								
Longniddry	Precise location of any extension is unknown. The existing car park is within a mainly built-up area, but there may be some scope for expansion. Land to the east of the railway line is identified for housing as part of PS1 and effects of developing that area will be considered as part of that proposal. The land east of the line is within a tetrad from which 7 Ql of the Firth of Forth SPA have been recorded and potentially suitable habitat nearby. Site lies within foraging distance of Fala Flow SPA. Mitigation added to remove uncertainty.	3d	Зc	Зc	Зc	3с	3с	3с	Зc	3с	3с	3d	Зc	3с
Drem	Occurs in tetrad from which PFG - a QI of the Firth of Forth SPA and Fala Flow SPA have been recorded and potentially suitable habitat nearby (although some existing disturbance). Mitigation added to remove uncertainty.	3d	3c	3d	3c	3c								
T10: Safeguarding Land for Platform Lengthening	Assessed under each location	54	50	50	50	30	50	50	30	50	50	Ju	50	50
Musselburgh	Occurs in tetrad from which 6 QI of the Firth of Forth SPA have been recorded. Potentially suitable habitat adjoins station. Site is also within foraging distance of Gladhouse Reservoir and Fala Flow SPAs. MRE loss of inland PFG habitat; loss of inland wader habitat (curlew, golden plover, lapwing, oystercatcher,	3d	3с	3с	3c	3c	3с	3с	3с	3c	3с	3d	3c	3d
Wallyford	Occurs in tetrad from which 6 QI of the Firth of Forth SPA been recorded and potentially suitable habitat adjoins station. Also within foraging distance of Fala Flow SPA. MRE loss of inland PFG habitat; loss of inland wader habitat (curlew, golden plover, lapwing, oystercatcher, redshank). Mitigation added to remove uncertainty.	3d	3c	3c	3c	3с	3c	3c	3c	3c	3c	3d	3c	3с
Prestonpans	Occurs in tetrad from which 4 QI of the Firth of Forth SPA have been recorded and potentially suitable habitat nearby. Site lies within foraging distrance of Fala Flow SPA. MRE loss of PFG inland habitat; loss of inland wader habitat (curlew, golden plover, lapwing). Mitigation added to remove uncertainty.	3d 3d	3c 3c	3d 3d	3с 3с	3C 3C								

Longniddry	SPA have been recorded and potentially suitable habitat nearby. Site lies within foraging distance of Fala Flow SPA. MRE inland PFG habitat; loss of inland wader habitat (curlew, golden plover, grey plover, lapwing, oystercatcher, redshank). Mitigation added to	3d	3с	3с	3c	3d	3c	3c						
Drem	Forth SPA and Fala Flow SPA have been recorded and potentially suitable habitat nearby (although some existing disturbance). Mitigation added to remove uncertainty.	3d	3c	3c	Зс	3c								
Dunbar	SPA have been recorded, some potentially suitable habitat nearby. MRE loss of inland PFG habitat; loss of inland wader habitat (golden plover, grey plover, lapwing, oystercatcher, redshank, lapwing, curlew). Mitigation added to remove uncertainty.	3d	3с	3с	3с	3c	3c	3c	3c	3c	Зc	3c	3c	3c
T11: Safeguard Land for improvements at Musselburgh Station	SPA have been recorded. Potentially suitable habitat adjoins station. Site is also within foraging distance of Gladhouse Reservoir and Fala Flow SPAs. MRE loss of inland PFG habitat; loss of inland wader habitat (curlew, golden plover, lapwing, oystercatcher, redshank). Mitigation added to remove uncertainty.	3d	3с	3с	3c	3c	3c	3c	3c	3с	3c	3d	3c	3d
T12: Railway Station Safeguarding At East Linton	Precise location unknown, but occurs in a tetrad from which PFG have been recorded. MRE loss of inland PFG habitat. Mitigation added to remove uncertainty.	3d	3c	3c	3с	3c	3d?							
T15: Old Craighall A1(T) Junction Improvements T17: A1(T) Interchange Improvements	Will require works to existing road and junction. Will require encroachment into adjoing agricultural land. Low numbers of PFG recorded from tetrad, but site too small to be used by this species. Curlew, golden plover, oystercatcher, redshank and lapwing recorded from tetrad. Mitigation added to remove uncertainty.	3d	3с	3c										
Salter's Road	Precise details not known. Site is <5km from coast and is in tetrad from which some QI been recorded. Lies adjacent to MH9. MRE loss of inland wader habitat (lapwing, oystercatcher). Site considered too disturbed to support PFG. Mitigation added to remove uncertainty.	3d	3c	Sc	3c	3с	3с	3с	3с	3c	3с	3c	3с	3с
Bankton Interchange	Considered too disturbed for PFG. Mitigation added to remove uncertainty.	3d	3c											
Gladsmuir	Low numbers PFG & oystercatcher. Mitigation added to remove uncertainty.	3d	3c											
List of Spatial Proposals														

						r	r				1			
MH1. Craighall, Musselburgh	MRE for loss of PFG habitat; loss of habitat for waders(Curlew, lapwing, oystercatcher, redshank, golden plover). MRE for coastal recreation. SNH screened in.	3d	3с	3с	3с	3c	3c	3c	3c	3c	3c	3d	3c	3d
MH2. Land at Old Craighall Village, Musselburgh	MRE for loss of PFG habitat; loss of habitat for waders(Curlew, lapwing, oystercatcher, redshank, Golden plover). SNH screened in.	3d	3c	3d	3с	3d								
MH3. Land at Old Craighall Junction South West, Musselburgh	MRE for Curlew, lapwing, oystercatcher, redshank, golden plover & recreational disturbance at the coast. Site considered too small to support PFG	3d	3c											
MH4. Land at Old Craighall Junction, Musselburgh	MRE for loss of habitat for waders (Curlew, lapwing, oystercatcher, redshank, Golden plover). Site considered too small for PFG. Employment only. SNH screened in. Mitigation added to remove uncertainty.	3d	3c											
MH5. Former Edenhall Hospital, Mussleburch	MRE coastal disturbance only. SNH screened out Site included in previous Local Plan and was screened out for effects on PFG, but identified as having MRE for	3d	3c											
MH6. Pinkie Mains, Musselburgh	coastal disturbance of QI. PFG, Curlew, grey plover, golden plover, lapwing, oystercatcher, redshank recorded from tetrad. Recreational disturbance at the coast	3d	3c	3d	3c	3d								
MH7. Pinkie Mains (Intensification), Musselburgh	MRE for curlew, golden plover, grey plover, lapwing. Recreational disturbance at coast. SNH screened in	3d	3c											
MH8. Levenhall, Musselburgh	MRE for curlew, golden plover, lapwing, oystercathcer, redshank. PFG screened out owing to size. Coastal recreation. SNH screened in.	3d	3c											
MH9. Land at Wallyford	Previous HRA available & screened out. Included in previous Local Plan. MRE for PFG, golden plover, lapwing, oystercatcher & recreational disturbance at coast. SNH screened in. Mitigation added to remove uncertainty.	3d	3c	3d	3c	3d								
MH10. Land at Dolphingstone	MRE for PFG, curlew, golden plover, lapwing, oystercatcher, redshank; recreational disturbance at coast. SNH screened in. Mitigation added to remove uncertainty.	3d	3c	3d	3c	3d								
MH11 Education: New Secondary Education Establishment Wallyford (included within land allocation MH9 & MH10 so not assessed separately)														
MH12. Barbachlaw Wallyford	Site spans two tetrads, only one of which contains PFG and some of the waders. MRE for PFG, curlew, golden plover, lapwing, oystercatcher, redshank. Coastal recreational disturbance. SNH screened in.	3d	3с	Зс	3c	3d	3c	3d						

Adjacent to Barbachlaw. Curlew is only QI found in the tetrad. Mitigation added to remove uncertainty.	3d	30	30	30	3c	30	30	30	30	3c	30	3c	30
MRE for curlew only; recreational disturbance at coast. SNH screened in	3d	3c											
MRE PFG, curlew, oystercatcher, redshank & recreational disturbance at coast. SNH screened in	3d	3c											

MH16 Education: Whitecraig Primary School Expansion Land (included

within land allocation MH14 so not assessed separately

Sites in Table MH1:

Brunton wireworks	Already consented. No potentially suitable habitat. MRE for coastal disturbance.	3d	3c											
Monktonhall Terrace	Already consented; no potentially suitable habitat; MRE for recreational disturbance. SNH screened out	3d	3c											
Drumhohr Avenue	Already consented; no potentially suitable habitat; MRE for recreation.	3d	3c											
Salters Road	Already consented. Lies in tetrad for curlew, golden plover, lapwing, oystercatcher, redshank. SNH screened in. MRE for recreational disturbance only.	3d	3c	3c	Зс	3c	3c	3c	Зc	3c	3c	3c	3c	3c
Prestonpans Cluster:														
PS1. Longniddry South	Already consented. Loss of inland PFG habitat; loss of inland wader habitat (curlew, golden plover, grey plover, lapwing, oystercather & redshank); MRE for recreation. SNH screened in	3d	3c	3d	3c	3c								
PS2 Land at Dolphingstone North, Prestonpans	Already consented; precise location unknown, but likely to be too much disturbance for PFG. Curlew, golden plover & lapwing recorded from tetrad, but not likely to be present on site. MRE for coastal disturbance. SNH screened in	3d	3c											
Sites in Table PS1														
Edinburgh Road	Already consented. MRE recreational disturbance	3d	3c	2c	3c	3c								
West Seaside	Already consented; MRE for recreational disturbance at coast	3d	3c											
Cockenzie House	Already consented; MRE for recreational disturbance at coast	3d	3c											
Seton East Steading	Already consented; lack of data for precise location. MRE for recreational disturbance at coast	3d	3c											
Blindwells					3c									

	Included within previous Local Plan & was identified as having MRE for coastal disturbance of QI. HRA been													
BW1. Blindwells New Settlement	conducted for site. MRE for loss inland PFG habitat; inland wader habitat (curlew, golden plover, grey plover, lapwing, oystercatcher, redshank). MRE recreational disturbance.	3d?	3с	3c	3с	3c	Зc	Зc	3c	3c	3c	3d	3c	
BW2. Safeguarded Blindwells Expansion Area	MRE for loss inland PFG habitat; inland wader habitat (curlew, golden plover, grey plover, lapwing, oystercatcher, redshank). MRE recreational disturbance.	3d	3c	3d	3c									
Tranent Cluster:														T
TT1. Windygoul South - Tranent	Adjoins other potential sites. QI are PFG and Golden plover, which are sensitive to disturbance. Screen in for recreational disturbance at coast. SNH screened in.	3d	3c	3с	3c	3d	3c							
IT4. Lammermoor Terrace, Tranent	MRE loss of inland wader habitat (curlew, golden plover, lapwing); MRE recreational disturbance. SNH screened in. Screened out for PFG owing to size of site.	3d	3c											
TT5. Bankpark Grove, Tranent	MRE for coastal disturbance. Site considered too small to support PFG & too disturbed to support lapwing. SNH screened in	3d	3c	Ī										
TT7. Macmerry North	Site lies in tetrad with high numbers of PFG and is large enough to support this species. Golden plover, Lapwing and Oystercatcher recorded from tetrad. MRE recreational disturbance at coast. SNH screened in	3d	3c	3с	3с	3c	3c	3c	3c	3c	3c	3d	3c	
IT9. Gladsmuir East	Site lies in a tetrad from which PFG & GP have been recorded. Although the proposed site is small, it is part of a larger area of habitat. However, the proximity of this field to built up areas means that the site has been screened out as likely to support either PFG or PG owing to disturbance. MRE recreational disturbance at coast.	3d	3с	3c	3c	3с	3c							
	MRE recreation disturbance at coast. Site is within a tetrad from which Golden plover has been recorded, and contains agricultural land. Site may be too disturbed or unsuitable for this species. SNH screened													Ī
TT11. Elphinstone West	out	3d	3c	4										
Sites in Table TT1							L	L			L			4
3-77 High St. Tranent	MRE recreational impacts. Already consented; replacement development of farm steading.	3d	3c											
22-24 Bridge St.	MRE coastal development. Already consented; replacement development.	3d	3c											
Land at Elder Street	MRE coastal disturbance. Already consented; replacement development.	3d	3c											
Dunbar Cluster:		- Ju	+											

			-	1			1	1	-			-		,
	Site carried forward from previous Local Plan. Already													
	consented?; no QI,; MRE for recreational disturbance at													
DR1. Hallhill South West, Dunbar	coast	3d	3c											
	Potentially suitable habitat, but close to edge of													
	tetrad. Records for PFG, curlew, golden plover, grey													
	plover, lapwing, oystercatcher, redshank. MRE for													
DR2. Hallhill North, Dunbar	recreational disturbance at coast	3d	3c											
DR4. Brodie Road, Dunbar	No QI. MRE for recreational disturbance at coast	3d	3c											
	MRE for curlew, golden plover, grey plover, lapwing,													
	oystercatcher, redshank. Too disturbed for PFG. MRE													
DR5. Land at Newtonlees, Dunbar	for recreational disturbance at coast	3d	3c											
	MRE for curlew, golden plover, grey plover, lapwing,													
	oystercatcher, redshank. Too disturbed for PFG. MRE													
DR6. Beveridge Row Belhaven, Dunbar	for recreational disturbance at coast	3d	3c											
	MRE for curlew, golden plover, grey plover, lapwing,													
	oystercatcher, redshank. Too disturbed for PFG. MRE													
DR7. Land at Spott Road, Dunbar	for recreational disturbance at coast	3d	3c											
· · · · · · · · · · · · · · · · · · ·	PFG been recorded from tetrad. MRE for recreational													
DR8. Pencraig Hill, East Linton	disturbance & PFG	3d	3c											
DR10. Innerwick East	No QI. MRE for recreational disturbance at coast	3d	3c											
	SNH screened out, but curlew & oystercatcher													
	recorded from Tetrad and potentially suitable habitat;													
DR11. St John's Street, Spott	MRE for recreational disturbance at coast	3d	3c											
Sites listed in Table DR1		<u>u</u>	00	00	00			00	00	00		00	00	
	Already committed; MRE recreational disturbance at													
Abbeylands	coast	3d	3c											
Abbeylands Garage	Redevelopment. MRE recreational disturbance	3d	3c											
		50	50	50	30	50	50	50	50	30	50	50	50	50
Bayswell Road	Already committed. MRE recreational disturbance	3d	3c											
		Ju	30	30	30	50	30	30	30	30	30	30	JU	50
	Included in previous Local Plan & already committed.													
	Identified as having MRE for disturbance at coast of QI													
	resulting from disturbance. MRE recreational													
Coastguard site	disturbance	3d	3c											
	Included in previous Local Plan & already committed.										1			
Assembly Rooms	Identified as having MRE for coastal disturbance of QI.	3d	3c											
											1			_7
	Included in previous Local Plan & already committed.													
	Site was identified as having MRE for coastal						1	1						
	disturbance of QI; Site considered too disturbed to													
	support golden plover, grey plover, lapwing. SNH													
	screened out; MRE recreational disturbance; MRE loss													
	of inland wader habitat (curlew, Golden plover, Grey													
Station Road Field	plover, lapwing, oystercatcher, redshank)	3d	3c											
	prover, rapining, egaterediterior, redanding	34	30	30	JU									

								-						
Belhaven Hospital Field	Already committed; MRE loss of inland wader habitat (curlew, Golden plover, Grey plover, lapwing, oystercatcher, redshank); site considered too disturbed to support golden plover, grey plover & lapwing. MRE recreational disturbance	3d	3c	3c	3c	3c	3с	3c						
Former Gasworks	Already committed;MRE recreational disturbance at coast	3d	3c											
Tyninngham Links	Already committed; Steading conversion; MRE recreational disturbance	3d	3c											
	Already committed; Steading conversion; MRE	50	JC	30	30	30	30	30	30	30	30	JC	30	30
Little Spott	recreational disturbance	3d	3c											
	Already committed; Steading conversion. MRE													1
Pleasance Farm	recreational disturbance	3d	3c											
	Already committed; Steading conversion. MRE													
Dairy Cottage Thurston	recreational disturbance	3d	3c											
Belhaven Road	Already committed; MRE recreational disturbance	3d	3c											
North Berwick Cluster:														
NK1. Mains Farm, North Berwick (includes NK2)	Included within previous Local Plan when it was identified as having MRE for coastal disturbance of QI. MRE for loss on inland PFG habitat; loss of inland wader habitat (curlew, grey plover, lapwing, oystercatcher, redshank). MRE recreational disturbance	3d	3с	3с	3с	3с	3с	3c	3c	3c	3с	3c	3c	3c
NK3. Gilsland, North Berwick	Included in previous Local Plan and was identified as having MRE for coastal disturbance. MRE PFG, curlew, grey plover, oystercatcher, redshank	3d	Зс	3c										
NK4. Land at Tantallon Road, North Berwick	Existing application; too disturbed for PFG; MRE curlew, grey plover, oystercatcher, redshank; MRE recreational disturbance at coast. SNH screened in	3d	3c											
NK5. Land at Ferrygate Farm, North Berwick	MRE curlew, grey plover, lapwing, oystercatcher, redshank; too disturbed for PFG; MRE for recreational disturbance at coast	3d	3c											
NK6. Former Fire Training School, Gullane	No suitable habitat; land already developed; SNH screened out; MRE recreational disturbance at coast	3d	Зс	3c										
NK7. Saltcoats, Gullane	PFG recorded - MRE loss of inland PFG habitat. SNH screened in. MRE for recreational disturbance. Mitigation added to remove uncertainty.	3d	3c											
NK8. Fentoun Gait East, Gullane	Edge of development, but very close to where PFG been recorded feeding. MRE loss of PFG habitat. MRE for recreational disturbance	3d	3c											

NK9. Fentoun Gait South, Gullane	Edge of development, but very close to where PFG been recorded feeding. MRE loss of PFG habitat. MRE for recreational disturbance. Mitigation added to remove uncertainty.	3d	3с	3c	3с	3c								
NK10. Aberlady West	SNH screened in; MRE for lapwing, oystercatcher, redshank; MRE for recreational disturbance at coast. Mitigation added to remove uncertainty.	3d	3с	3с	3с	3c								
NK11. Castlemains Direlton	SNH screened in BUT only PFG from tetrad and likely to be too disturbed; MRE for recreational disturbance at coast	3d	3c											
Sites listed in Table NK1														
Athelstaneford Direlton Court	Already consented ; location unclear; MRE loss of PFG habitat Already consented ; MRE recreational disturbance	3d 3d	3c 3c											
New Mains	Already consented ; Steading conversion. MRE recreational disturbance	3d	3c											
Camptoun Steading	Already consented ; Steading conversion. MRE recreational disturbance	3d	3c											
Kingston Farm	Already consented;Steading conversion.Will contribute to coastal recreation	3d	3c											

APPENDIX D: LSE IDENTIFIED FROM CUMULATIVE EFFECTS OF POLICIES/PROPOSALS WITHIN THE PROPOSED EAST LOTHIAN LDP

(a) Firth of Forth SPA

(a) Firth of Forth SPA	Combinations of policies/proposals giving rise to
features of the Firth of Forth	cumulative LSE
SPA	
_	Delices / Dreperals for coastal developments
Proposals within 5 km of the	Polices/Proposals for coastal development:
coast that could contribute to	Musselburgh allocations:
increased recreational use of	MH1. Craighall, Musselburgh
the coast	MH2: Land at Old Craighall Village, Musselburgh
	MH5: Former Edenhall Hospital, Musselburgh
	MH6: Pinkie Mains, Musselburgh
	MH7. Pinkie Mains (intensification), Musselburgh
	MH8. Levenhall, Musselburgh
	MH9. Land at Wallyford
	MH10. Land at Dolphingstone
	MH12. Barbachlaw Wallyford
	MH13. Howe Mire
	MH14. Land at Whitecraig south
	MH15. Land at Whitecraig North
	Sites in Table MH1:
	Brunton Wireworks
	Monktonhall Terrace
	Drumhohr Avenue
	Salters Road
	Prestonpans allocations:
	PS1. Longniddry South
	PS2. Land at Dolphingstone North, Prestonpans
	Sites listed within Table PS1:
	Edinburgh Road
	West Seaside
	Cockenzie House
	Seton East Steading
	Blindwells
	BW1. Blindwells new settlement
	BW2. Safeguarded Blindwells Expansion Area
	5
	Tranent Allocations TT1. Housing at Windygoul South - Tranent
	TT4. Lammermoor Terrace, Tranent
	TT5. Bankpark Grove, Tranent
	TT7. Macmerry North
	TT9. Gladsmuir East
	TT11.Elphinstone West
	Sites listed in Table TT1:
	North Elphinstone Farm
	Land to south Tranent Mains Farm
	73-77 High Street
	22-24 Bridge Street
	Land at Elder Street
	Dunbar Allocations
	DR1. Hallhill South West Dunbar
	DR2. Hallhill North, Dunbar

LSE on qualifying interest features of the Firth of Forth SPA	Combinations of policies/proposals giving rise to cumulative LSE
	DR4. Brodie Road, Dunbar DR5. Land at Newtonlees, Dunbar DR6. Beveridge Row Belhaven, Dunbar DR8. Pencraig Hill, East Linton DR10. Innerwick East DR11. St John's Street, Spott Sites included within Table DR1: Abbeylands Abbeylands Garage
	Bayswell Road Coastguard site Assembly Rooms Station Road Field Belhaven Hospital Road Field Former Gasworks Tyningham Links
	Little Spott Pleasance Farm Dairy Cottage Thurston Belhaven Road <u>North Berwick Allocations</u> NK1. Mains Farm, North Berwick NK3. Gilsland, North Berwick
	NK4. Land at Tantallon Road, North Berwick NK5. Land at Ferrygate Farm, North Berwick NK6. Former Fire Training School, Gullane NK7. Saltcoats, Gullane NK8. Fentoun Gait East, Gullane NK9. Fentoun Gait South, Gullane
	NK10. Aberlady West NK11. Castlemains Direlton Sites in Table NK1: Direlton Court New Mains Camptoun Steading Kingston Farm
Loss of, or disturbance whilst using, inland habitat of potential value as high tide roosting/feeding sites to qualifying interests (wader species)	 ED2 Part A: Preston Lodge High School (MRE for curlew, oystercatcher, redshank) ED6 Part A: Dunbar Grammar (MRE for curlew, oystercatcher, redshank) ED7 Part A North Berwick High School expansion (MRE for curlew, oystercatcher, redshank) ED7 Part Bii Law Primary School (MRE for curlew, oystercatcher, redshank)
	OS5: New cemetery Whitekirk (MRE curlew) OS5: New cemetery Dunbar (MRE curlew, oystercatcher, redshank) OS5: Direlton Cemetery extension (MRE curlew, oystercatcher, redshank, golden plover, lapwing) T3: Segregated Active Travel Corridor (potentially all six wader species)

LSE on qualifying interest features of the Firth of Forth SPA	Combinations of policies/proposals giving rise to cumulative LSE
features of the Firth of Forth	
	MH8. Levenhall, Musselburgh (MRE for curlew, golden plover, lapwing, oystercatcher, redshank) MH9. Land at Wallyford (MRE for golden plover, lapwing, oystercatcher)
	MH10. Land at Dolphingstone (MRE for curlew, golden plover, lapwing, oystercatcher, redshank) MH12. Barbachlaw Wallyford (MRE for curlew, golden plover, lapwing, oystercatcher, redshank)
	MH13. Howe Mire (MRE for curlew) MH14. Land at Whitecraig south (includes MH16) (MRE for curlew)

LSE on qualifying interest features of the Firth of Forth SPA	Combinations of policies/proposals giving rise to cumulative LSE
	MH15. Land at Whitecraig North (MRE for curlew, oystercatcher, redshank) <u>Prestonpans allocations:</u> PS1 Longniddry South (MRE for curlew, golden plover, grey plover, lapwing, oystercatcher, redshank) Sites listed within Table PS1:
	Blindwells BW1. Blindwells new settlement (MRE for curlew, golden plover, grey plover, lapwing, oystercatcher, redshank) - HRA been conducted, but not seen. BW2. Safeguarded Blindwells Expansion Area (MRE for curlew, golden plover, grey plover, lapwing, oystercatcher, redshank) - HRA been conducted, but not
	seen. <u>Tranent Allocations</u> TT1. Housing at Windygoul South - Tranent (includes TT2) (MRE for golden plover) TT4. Lammermoor Terrace, Tranent (MRE for curlew,
	golden plover, lapwing) TT7. Macmerry North (MRE for golden plover, lapwing, oystercatcher) TT11. Elphinstone West (MRE for golden plover) <u>Dunbar Allocations</u>
	DR2. Hallhill North, Dunbar (MRE for curlew, golden plover, grey plover, lapwing, oystercatcher, redshank) DR5. Land at Newtonlees, Dunbar (MRE for curlew, golden plover, grey plover, lapwing, oystercatcher, redshank)
	DR6. Beveridge Row Belhaven, Dunbar (MRE for curlew, golden plover, grey plover, lapwing, oystercatcher, redshank) DR7. Land at Spott Road, Dunbar (MRE for curlew, golden
	plover, grey plover, lapwing, oystercatcher, redshank). DR11. St John's Street, Spott (MRE for curlew, oystercatcher) Sites listed in Table DR1:
	Station Road Field (MRE for curlew, oystercatcher, redshank) Belhaven Hospital Field (MRE for curlew, oystercatcher, redshank)
	North Berwick Allocations NK1. Mains Farm, North Berwick (includes NK2) (MRE for curlew, grey plover, lapwing, oystercatcher, redshank) NK3. Gilsland, North Berwick (MRE for curlew, grey plover, oystercatcher, redshank)
	NK4. Land at Tantallon Road, North Berwick (MRE for curlew, grey plover, oystercatcher, redshank). NK5. Land at Ferrygate Farm, North Berwick (MRE for curlew, grey plover, lapwing, oystercatcher, redshank) NK10. Aberlady West (MRE for lapwing, oystercatcher, redshank)

LSE on qualifying interest features of the Firth of Forth SPA	Combinations of policies/proposals giving rise to cumulative LSE
Loss of, or disturbance whilst	
using, inland habitat of	
potential value as high tide	
roosting/feeding sites to qualifying interests (Pink-	T9: Safeguarding of Land for Larger Station Car ParksMusselburgh
footed Goose)	 Musselburgh Longniddry
	 Drem
	T10: Safeguarding Land for Platform Lengthening
	Musselburgh
	Wallyford
	Prestonpans
	Longniddry
	Drem
	Dunbar
	T11: Safeguard Land for improvements to Musselburgh
	Station
	T12: Railway Station Safeguarding at East Linton
	(location of site is not clear, and there may not be any
	MRE as a result of this proposal)
	T17: A1 (T) upgrades - Salter's Road
	T17: A1 (T) upgrades - Dolphingstone Interchange
	T17: A1 (T) upgrades - Bankton Junction
	T17: A1 (T) upgrades - Gladsmuir Junction
	T23: A198 Bankton & Meadowmill
	Musselburgh allocations
	MH1. Craighall, Musselburgh
	MH2: Land at Old Craighall Village, Musselburgh MH6: Pinkie Mains, Musselburgh
	MH9. Land at Wallyford
	MH10. Dolphingstone Housing Land Safeguard
	MH11. New Secondary School Establishment (lies within
	land allocated for MH10)
	MH12. Barbachlaw Wallyford
	MH15. Land at Whitecraig North,
	Prestonpans allocations
	PS1. Longniddry South
	Blindwells
	BW1. Blindwells new settlement
	BW2. Safeguarded Blindwells Expansion Area
	Tranent Allocations
	TT1. Housing at Windygoul South - Tranent TT7. Macmerry North
	TT8. Macmerry Business Park East
	Dunbar Allocations
	DR2. Hallhill North, Dunbar
	DR8. Pencraig Hill, East Linton
	North Berwick Allocations
	NK1. Mains Farm, North Berwick
	NK3. Gilsland, North Berwick

LSE on qualifying interest features of the Firth of Forth SPA	Combinations of policies/proposals giving rise to cumulative LSE
	NK7. Saltcoats, Gullane NK8. Fentoun Gait East, Gullane NK9. Fentoun Gait South, Gullane Sites in Table NK1: Athelstaneford

(b) Fala Flow SPA				
LSE on qualifying interest features of Fala	Combinations of policies/proposals giving rise			
Flow SPA to cumulative LSE				
Disturbance of Pink-footed Goose or loss	T3: Segregated Active Travel Corridor			
of Pink-footed Goose habitat				
	Parks:			
	 Musselburgh 			
	 Longniddry 			
	T10: Safeguarding Land for Platform			
	Lengthening:			
	 Musselburgh 			
	•Wallyford			
	 Prestonpans 			
	 Longniddry 			
	T11. Safeguard Land for improvements to			
	Musselburgh Station			
	Musselburgh allocations			
	MH1. Craighall, Musselburgh			
	MH2: Land at Old Craighall Village,			
	Musselburgh MH6: Pinkie Mains, Musselburgh			
	MH10. Dolphingstone Housing Land Safeguard			
	MH12. Barbachlaw Wallyford			
	Prestonpans allocations			
	PS1. Longniddry South			
	Blindwells			
	BW1. Blindwells new settlement			
	BW2. Safeguarded Blindwells Expansion Area			
	Tranent Allocations			
	TT1. Windygoul South - Tranent			
	TT7. Macmerry North			

(c) Gladhouse Reservoir SPA

LSE on qualifying interest features of	Combinations of policies/proposals giving rise
Gladhouse Reservoir SPA	to cumulative LSE
Disturbance of Pink-footed Goose or loss	T9: Safeguarding of Land for Larger Station
of Pink-footed Goose habitat	Car Parks:
	 Musselburgh
	T10: Safeguarding Land for Platform
	Lengthening
	 Musselburgh
	T11: Safeguard Land for improvements to
	Musselburgh station
	T12: Railway Station Safeguarding at East
	Linton
	Musselburgh allocations
	MH1. Craighall, Musselburgh
	MH2: Land at Old Craighall Village,
	Musselburgh
	MH3: Land at Old Craighall Junction South
	West, Musselburgh
	MH6: Pinkie Mains, Musselburgh
	MH9: Land at Wallyford
	MH10. Dolphingstone Housing Land Safeguard
	MH12. Barbachlaw Wallyford

APPENDIX E. POLICIES/PLANS SCREENED FOR "IN COMBINATION" EFFECTS

Status of plans is defined as: a) the incomplete parts of projects that have been started but which are not yet completed; b) projects given consent but not yet started; c) projects that are subject to applications for consent; d) projects that are subject to outstanding appeal procedures; e) any known unregulated projects that are not subject to any consent; f) ongoing projects subject to regulatory reviews, such as discharge consents or waste management licenses; g) development that has recently been completed, but where any residual effects may not form part of the environmental baseline; h) policies and proposals that are not yet fully implemented in plans that are still in force; i) draft plans that are being brought forward by other public bodies and agencies

Plan/proposal	Status ⁸⁷	Main elements	Potential for in combination effects with MRE arising from proposed LDP	Screen
National Planning	h	The National Planning Framework (NPF) sets the context for development	The Appropriate Assessment of NPF3 identified 7 of the proposals as having potential	In
Framework 3		planning in Scotland over the next 20-30 years and provides a framework		
		for the spatial development of Scotland as a whole. It identifies 14	· · ·	
		national developments to deliver the strategy. A Habitats Regulations	Appropriate Assessment concluded that none of the proposals, in combination would	
		Assessment and Appropriate Assessment were completed ⁸⁸ .	have LSE upon any of the European sites, but there may be MRE in respect of:	
			 Berwickshire and North Northumberland coast SAC 	
			- MRE on grey seals arising from disturbance (noise & vibration); increased	
			sedimentation; physical damage to habitats/species through collision risk; loss of habitat under dredging spoil; and pollution from oil spills.	
			•Firth of Forth SPA - disturbance from noise & vibration; tall structures causing	
			changes to flight routes & collision risk; displacement of prey; increases in suspended	
			solids & turbidity; loss of habitat; pollution from oil spills.	
			• Firth of Tay and Eden Estuary SAC - MRE on harbour seal arising from disturbance	
			(noise and vibration); reduced availability / displacement of prey or symbiotic	
			species; increased sedimentation; damage to habitats and species through collision	
			risk; loss of habitat under dredging spoil; pollution from oil spills.	
			• Firth of Tay and Eden Estuary SPA - disturbance from noise & vibration; displacement	
			of prey species; direct and indirect loss of habitat under structures and as a result of	
			sedimentation.	
			• Forth Islands SPA - disturbance from noise & vibration; tall structures causing changes	
			to flight routes & collision risk; disturbance causing reduced availability /	
			displacement of prey; increases in sedimentation & turbidity; loss of habitats under	
			structures and as a result of sedimentation; pollution from oil spills.	
			• Imperial Dock, Leith SPA - disturbance from noise & vibration; disturbance causing	
			reduced availability / displacement of prey; increases in sedimentation & turbidity;	
			loss of habitats under structures and as a result of sedimentation; pollution from oil spills etc.	
			• Isle of May SAC - disturbance from noise & vibration; displacement of prey species;	
			increases in suspended solids & turbidity; physical damage of habitats through	
			increased vessel movements; loss of habitats under structures and as a result of	
			sedimentation; pollution from oil spills etc.	
			• Moray Firth SAC - disturbance from noise & vibration; displacement of prey species;	
			loss of habitats under structures and as a result of sedimentation; physical damage of	
			habitats through increased vessel movements; loss of habitats under structures and as	
			a result of sedimentation; pollution from oil spills etc.	
			• <u>River Teith SAC</u> - disturbance from noise & vibration; displacement of prey species;	
			increases in suspended solids & turbidity; physical damage to habitats from	
			hydrological changes; loss of habitats under structures and as a result of	
			sedimentation; pollution from oil spills etc.	
SESPlan	h	The South East Scotland Plan (SESplan) is a Strategic Development Plan	SESPlan sets out the strategic framework within which the East Lothian LDP is being	Out

⁸⁷ a) the incomplete parts of projects that have been started but which are not yet completed; b) projects given consent but not yet started; c) projects that are subject to applications for consent; d) projects that are subject to outstanding appeal procedures; e) any known unregulated projects that are not subject to any consent; f) ongoing projects subject to regulatory reviews, such as discharge consents or waste management licenses; g) development that has recently been completed, but where any residual effects may not form part of the environmental baseline; h) policies and proposals that are not yet fully implemented in plans that are still in force; i) draft plans that are being brought forward by other public bodies and agencies

⁸⁸ http://www.gov.scot/Resource/0045/00453766.pdf National Planning Framework 3 Habitat Regulations Appraisal Record The Scottish Government June 2014

Plan/proposal	Status ⁸⁷	Main elements	Potential for in combination effects with MRE arising from proposed LDP	Screen
		covering all land within the administrative boundaries of City of Edinburgh, East Lothian, Midlothian, Scottish Borders and the West Lothian Councils, and the southern half of Fife Council. The purpose of the Strategic Development Plan is to assess cross boundary issues between the six member authorities: housing, transport, employment, infrastructure and energy. The current plan was published in 2013 ⁸⁹ , with an accompanying HRA. Supplementary Housing Guidance was published in 2014 ⁹⁰ also with an accompanying HRA ⁹¹ .	developed. The HRA of SESPlan included, as mitigation, the need for HRA to be undertaken of each individual LDP developed under the plan. Only potential LSE to be considered at the local scale were identified; no MRE of the plan were identified. Consequently, this plan as a whole, has been screened out of further consideration, although proposals that listed within it, may be screened in through individual LDPs.	
Forth Estuary Local Flood Risk Management Plan	i	The Flood Risk Management Plan supplements actions contained in the Flood Risk Management Strategy prepared by SEPA. It sets out measures to be taken to reduce the effects of flooding within the Forth Estuary area, including timescales, funding resources and lead parties. It has been prepared by Edinburgh City Council as the lead authority for flood issues around the Firth of Forth ⁹² . It has an accompanying HRA ⁹³ .	The document is strategic in nature, and lacks detail. Further HRA and AA will be required as proposals are developed. At this stage, there are no residual effects identified from the HRA/AA for consideration "in combination" with the proposed LDP.	
Fife Council LDP	i	This sets out spatial proposals and policies for Fife. A draft HRA ⁹⁴ is available.	The HRA concluded that two sites (KDY 039 Inverteil and MET 010 Fife Energy Park) had MRE and required an Appropriate Assessment of their "in combination" LSE upon the integrity of the Firth of Forth SPA. None of the other policies or proposals were considered to have MRE on a Natura 2000 site. The AA of the "in combination" effects concluded that the mitigation applied to the proposals (including the need for scheme specific Appropriate Assessment) and the limited localised loss of intertidal habitat means that there would be no likely significant effect on the Firth of Forth SPA from loss of habitat but there would be a minor residual effect. As there is no anticipated loss of coastal habitat arising from the East Lothian proposed LDP, this has been screened out.	
City of Edinburgh Council LDP	i	This sets out spatial proposals and policies for Fife. A HRA has been prepared ⁹⁵ .		In
Falkirk Council LDP	h	This sets out spatial proposals and polices for Falkirk. A HRA has been carried out ⁹⁶ .	MRE upon the Firth of Forth SPA were identified in relation to The minor residual effects of the Proposed Plan in relation to: loss of habitat potentially used for feeding/roosting by waders and disturbance of waders; loss of inland habitat potentially used by pink footed geese and disturbance of pink footed geese; increased opportunities for access to and recreation along the coastline; significant recreational disturbance; disturbance or other effects during the construction period; and water pollution for loss of supporting inter-tidal habitat outwith the boundary of the SPA. MRE upon the River Teith SAC were identified in relation to deterioration of water quality for passage of QI; noise and vibration affecting passage of QI; sediment releases leading to deterioration in water quality for passage of QI.	

89 SESPlan The Scotland. Strategic Development Planning Authority for Edinburgh South East Stra and http://www.sesplan.gov.uk/assets/Strategic%20Development%20Plan%201/Strategic%20Developme/SESPlan%20Approved%20Plan%20%28Print%20Version%29.pdf last viewed 25/04/2016 90 SESPlan Supplementary Guidance Housing Land November 2014 http://sesplan2.1cm.me.uk/assets/publications/Housing%20Land%20SG/Housing%20Land%20Supplementary%20Guidance 91 HRA SESplan Housing Supplementary Guidance Record http://www.sesplan.gov.uk/assets/Strategic%20Development%20Plan%201/Strategic%20Developme/Housing%20Land%20Supplementary%20Guidance/Housing%20Land%20SG%20-%20Habi 25/04/2016

⁹² <u>http://www.edinburgh.gov.uk/downloads/file/7455/draft_local_flood_risk_management_plan</u> Last viewed 25/04/2016

⁹³ Forth Estuary Local Flood Risk Management Plan - HRA Screening Statement of Record, March 2016. <u>http://www.edinburgh.gov.uk/info/20006/emergencies_safety_and_crime/1433/flood_risk_management_plan</u> Last viewed 25/04/2016

⁹⁴ FIFE plan. Draft Habitats Regulations Appraisal: Environmental Report Annex 6 Fife Local Development Plan. Proposed Plan. October 2014. <a href="http://fife-consult.objective.co.uk/portal/fife_ldp/fifeplan_-_proposed_plan_-_env_rpt_v3/env_rpt_v3

⁹⁵ Proposed Edinburgh Local Development Plan Draft Habitats Regulations Appraisal Record March 2013 http://www.edinburgh.gov.uk/downloads/file/131/habitats_regulations_appraisal_march_2013 Last Viewed 25/04/2016 ⁹⁶ Falkirk Council Falkirk Local Development Plan Habitats Regulations Appraisal Record May 2015 <a href="https://www.falkirk.gov.uk/services/planning-building/planning-policy/local-development-plan/docs/supporting-docs/habitats-regulations-appraisal/01%20HRA%20Record.pdf?v=201508061424 Last viewed 25/04/2016

ategic 6	Developmen	t	Plan	2013
	st viewed 25/04 February <mark>egulations.pdf</mark>		viewed	2014 online

Plan/proposal	Status ⁸⁷	Main elements	Potential for in combination effects with MRE arising from proposed LDP	Screen
			MRE upon the Forth Islands SPA were identified in relation to significant disturbance of cormorants and shags arising from noise and vibration during construction; increased recreational opportunity at the coast; increased levels of coastal recreation; and increased shipping movements.	
Clackmannanshire Council LDP	h	This sets out spatial proposals and policies for Clackmannanshire. A HRA has been carried out ⁹⁷ .	MRE upon the Firth of Forth SPA were identified in relation to loss of/disturbance to pink-footed goose at inland roost sites; loss of habitat/disturbance to qualifying wader species at inland roost sites; increased recreational disturbance at the coast. MRE upon the River Teith SAC were identified in relation to disturbance of qualifying species when passing adjacent to development site; and changes to water quality arising from pollution during construction.	In
Stirling Council LDP	h	This sets out spatial proposals and policies for Stirling. A HRA has been carried out ⁹⁸ .	MRE upon the Firth of Forth SPA were identified in relation to effects upon water quality arising from developments and disturbance of qualifying interests. MRE upon the River Teith SAC were identified in relation to effects upon water quality.	
West Lothian Local Development Plan Proposed Plan	i	This sets out spatial proposals and policies for West Lothian.	No LSE were identified. A HRA record has not been produced	Out
Borders Council Local Development Plan	h	This sets out spatial proposals and policies for the Borders. A HRA has been prepared ⁹⁹ .	MRE upon the River Tweed SAC were identified in relation to the conservation objectives of the River Tweed SAC associated with material or discharges entering the water as a result of development. As none of the proposals within the East Lothian LDP have been identified as having MRE upon the River Tweed SAC this has been screened out.	Out
Midlothian Local Development Plan	i	This sets out spatial proposals and policies for the Midlothian area. A HRA is in preparation ¹⁰⁰¹⁰¹ .	No LSE or MRE identified.	Out
Forth Replacement Crossing	a	Construction of a new vehicle crossing over the Firth of Forth. The project is part-way through implementation, and is likely to be fully operational at the time that the East Lothian Council LDP becomes operational.	The Forth Replacement Crossing will have MRE on the Firth of Forth SPA in relation to loss of inter-tidal habitat. As the East Lothian LDP does not result in loss of inter-tidal habitat, this has been screened out.	Out
National Renewables Infrastructure Plan	h	The National Renewables Infrastructure Plan (N-RIP) identifies the locations across Scotland with the most potential for manufacturing and construction operations associated with development of the offshore energy industry. The Forth Tay Cluster has been identified as a potential location for turbine manufacture, foundations, cables and installation.	The Plan does not in itself promote or define development to occur within the area. Whilst the general area of ports in the Forth and Tay areas are identified as having potential to support the offshore industry, N-RIP does not specify the location, nature or scale of development, and as such, is too general to be able to determine any likely significant effects upon European sites.	Out
Crystal Rig 3 Wind Farm	С	Extension of existing Crystal Rig windfarm to the north to include Wind farm up to 11 turbines and crane pads, tracks, and other ancillary infrastructure.	· · · · · · · · · · · · · · · · · · ·	Out
Neart na Gaoithe Offshore Windfarm, Inch Cape Offshore windfarm, Seagreen Alpha offshore windfarm, Seagreen Bravo offshore windfarm	d	A number of windfarms have been consented for the Firth of Forth areas, which are known collectively as "the Forth and Tay Developments". Marine Scotland has undertaken a combined Appropriate Assessment of these windfarms individually and in combination. A recent ruling by the Scottish Court of Session has suggested that the HRA/AA needs to be reviewed and the permissions have been suspended ([2016] CSOH 103).	The combined appropriate assessment concluded that the developments will not on their own or in combination with each other or other developments already licenced, adversely affect the integrity of a number of European sites including Forth Islands SPA, Isle of May SAC, River Teith SAC, provided that stated conditions are complied with. The Firth of Forth SPA was scoped out owing to a lack of connectivity between the QI and the developments. This HRA/AA has been successfully challenged in the Scottish Court of Session. As no details of the revised HRA/AA are available, it is not possible at this stage to carry out an in combination assessment.	Out

⁹⁷ Clackmannanshire Council proposed Local Development Plan Committee Draft August 2013 Habitat Regulations Appraisal Incorporating Appropriate Assessment

Draft October 2013 (v2.1) <u>https://clackmannanshire.citizenspace.com/sustainability-team/local-development-plan/supporting_documents/Draft%20Habitat%20Regulations%20Appraisal.pdf</u> Last viewed 25/04/2016 Habitats Regulations Appraisal September 2012 Proposed Stirling Local Development Plan http://www.stirling.gov.uk/_documents/temporary-uploads/economy,-planning-_and_-regulation/ldp-background-info/habitats-

regulations-appraisal.pdf Last Viewed 25/04/2016
⁹⁹ Habitats Regulations Appraisal Record Proposed Local Development Plan Scottish Borders Council March 2014 http://www.scotborders.gov.uk/downloads/file/8165/appendix_d_draft_habitats_regulations_appraisal_record Last Viewed 25/04/2016

http://midlothian-consult.objective.co.uk/portal/planningpolicy/mldp/mldp_pp_revised_er?pointId=1410255163689#section-1410255163689 Last Viewed 25/04/2016
 http://midlothian-consult.objective.co.uk/portal/planningpolicy/mldp/mldppp?tab=files

Plan/proposal	Status ⁸⁷	Main elements	Potential for in combination effects with MRE arising from proposed LDP	Screen
ForthWind Offshore	С	Proposal to construct, operate and decommission two offshore wind	An updated HRA has been produced ¹⁰² , which considered LSE upon Forth Islands SPA;	Out
Wind		turbines, and their associated export cables on the north shore of the	Firth of Forth SPA; and Outer Firth of Forth and St Andrews Bay Complex draft SPA. The	
Demonstration		Firth of Forth at Methil in Scotland.	main types of effect considered were: collision with operational turbine blades; and	
Project Methil			disturbance/displacement during construction. It was concluded that there would be no	
			adverse effects upon the integrity of any of these sites, but the nature and scale of any	
			MRE was not identified. However, the QI considered are those associated with offshore	
			areas, and no effects on these species have been identified as arising from the East	
			Lothian LDP. Consequently, there are no in combination effects.	
Levenhall Lagoons	е		One of the lagoons lies within the SPA and the other adjoins the boundary. The area is	
		lagoon 8, and habitat improvements at lagoon 6.	already known to be important for birds, including species that are a qualifying interest	
			of the Firth of Forth SPA. The proposals will safeguard and expand the area of suitable	
			habitat for these species.	

A planning application (06/00328/FUL) was submitted in 2011 for the development of a light aircraft airfield with associated infrastructure near Direlton. A "shadow" Habitats Regulations Appraisal and Appropriate Assessment was conducted on behalf of the Council by David Tyldesley Associates¹⁰³. The HRA and AA concluded that the proposal would have Likely Significant Effects on both the Firth of Forth SPA and Forth Islands SPA. Based on available information, it was not possible to conclude that the proposals would not have an effect upon the integrity of either the Firth of Forth SPA or the Forth Islands SPA. The assessment was not able to identify the absence of any alternative solutions or reasons of Over-riding Public Importance, and consequently the scheme could not be consented by East Lothian Council. As the application was refused, it has not been considered further here

¹⁰² ForthWind Offshore Wind Demonstration Project, Methil, Fife. Habitats Regulations Appraisal Addendum Ornithology 2B Energy & ForthWind April 2016. <u>http://www.gov.scot/Resource/0049/00498899.pdf</u> Last Viewed 26/04/2016 ¹⁰³ East Lothian Council Habitats Regulations Assessment of Planning Application Ref 06/00328/FUL Application made by East Lothian Aero Club for proposed airfield near Dirleton Final, 27th June 2011

APPENDIX F. TABLE 1: PRESENCE/ABSENCE OF QUALIFYING INTERESTS OF THE FIRTH OF FORTH SPA AROUND THE EAST LOTHIAN COASTLINE SUMMARISED DATA WINTERS 2009/10 TO 2013/14 (BASED ON WEBS DATA)

	Preferred habitat	Condition Status (as of 2010)	Core Count sections	Low tide 2003/04	Low tide 2009/10
Bar-tailed godwit	Intertidal	Favourable Declining	Eastfield to Musselburgh Preston Grange to Port Seton* Port Seton to Craigielaw Point Aberlady and Gullane Bays Eyebroughy to Eel Burn North Berwick to Tantallon Tantallon to Ravensheugh Sands Winterfield to Barns Ness* Tyninghame Estuary East Barns to Dunglass	102; 107; 108; 110; 111; 112; 113; 114; 116; 117; 121; 127; 128; 129; 168; 169; 170; 172; 183; 187; 189; 192	
Common scoter*	Sub-tidal	Unfavourable Declining	Eastfield to Musselburgh Preston Grange to Port Seton* Port Seton to Craigielaw Point Aberlady and Gullane Bays Black Rocks to Eyebroughy Eel Burn to North Berwick Harbour* Eyebroughy to Eel Burn North Berwick to Tantallon Tantallon to Ravensheugh Sands Winterfield to Barns Ness Tyninghame Estuary East Barns to Dunglass	102; 103; 104; 107; 112; 130; 131; 186	168; 170; 173
Cormorant*	All habitats	Favourable Maintained	Eastfield to Musselburgh Preston Grange to Port Seton Port Seton to Craigielaw Point Aberlady and Gullane Bays* Eel Burn to North Berwick Harbour Eyebroughy to Eel Burn North Berwick to Tantallon Tantallon to Ravensheugh Sands Winterfield to Barns Ness* Tyninghame Estuary East Barns to Dunglass	102; 103; 104; 105; 106; 107; 108; 113;118; 126; 129; 130; 131; 168; 180; 181; 182; 183; 184; 185; 186; 189; 193	
Curlew*	Inter-tidal and non-tidal	Favourable Maintained	Eastfield to Musselburgh Preston Grange to Port Seton Port Seton to Craigielaw Point Aberlady and Gullane Bays* Black Rocks to Eyebroughy* Eyebroughy to Eel Burn* North Berwick to Tantallon Tantallon to Ravensheugh Sands Winterfield to Barns Ness* Tyninghame Estuary East Barns to Dunglass	102;103;107;108;110;111;112;113;114;115;116;117;118;119;120;121;127;128;129;130;131;166;167;168;169;170;171;172;173;180;181;182;183;184;185;187;188;189;190;191;192;193193	
Dunlin*	Intertidal	Favourable Declining	Eastfield to Musselburgh Port Seton to Craigielaw Point* Aberlady and Gullane Bays* North Berwick to Tantallon Tantallon to Ravensheugh Sands	102; 107; 108; 110; 112; 121; 126; 127; 128; 129; 167; 168; 169; 170; 171; 172; 173; 183; 185; 187;	168; 169; 170; 171; 172

	Preferred habitat	Condition Status (as of 2010)	Core Count sections	Low tide 2003/04	Low tide 2009/10
		,	Winterfield to Barns Ness* Tyninghame Estuary East Barns to Dunglass	189; 192; 193	
Eider*	Sub-tidal	Favourable Declining	Eastfield to Musselburgh Preston Grange to Port Seton Port Seton to Craigielaw Point Aberlady and Gullane Bays Black Rocks to Eyebroughy Eel Burn to North Berwick Harbour Eyebroughy to Eel Burn North Berwick to Tantallon Tantallon to Ravensheugh Sands Winterfield to Barns Ness* Tyninghame Estuary East Barns to Dunglass	102; 103; 104; 105; 106; 107; 108; 110; 112; 113; 119; 121; 126; 127; 128; 129; 130; 131; 168; 169; 172; 173; 180; 181; 182; 183; 184; 185; 186; 187; 190; 192; 193	173
Golden plover	Intertidal & non-tidal	Favourable Maintained	Eastfield to Musselburgh Preston Grange to Port Seton Port Seton to Craigielaw Point Aberlady and Gullane Bays North Berwick to Tantallon Tantallon to Ravensheugh Sands Winterfield to Barns Ness* Tyninghame Estuary East Barns to Dunglass	102; 108; 113; 117; 118; 120; 121; 167; 168; 169; 170; 173; 180; 193	169; 173
Goldeneye*	Sub-tidal	Unfavourable Declining	Eastfield to Musselburgh Preston Grange to Port Seton* Port Seton to Craigielaw Point Aberlady and Gullane Bays North Berwick to Tantallon Tantallon to Ravensheugh Sands Winterfield to Barns Ness* Tyninghame Estuary East Barns to Dunglass	102; 103; 104; 105; 106; 107; 108; 113; 126; 127; 128; 129; 130; 180; 181; 182; 183; 184; 189; 190; 192; 193	169
Great crested grebe*	Sub-tidal	Unfavourable Declining	Eastfield to Musselburgh Port Seton to Craigielaw Point	102; 103; 104; 105; 107	
Grey plover*	Intertidal	Favourable Declining	Eastfield to Musselburgh Preston Grange to Port Seton Port Seton to Craigielaw Point Aberlady and Gullane Bays Eel Burn to North Berwick Harbour North Berwick to Tantallon Tantallon to Ravensheugh Sands Winterfield to Barns Ness* Tyninghame Estuary East Barns to Dunglass	102; 108; 113; 114; 116; 117; 119; 121; 126; 127; 128; 129; 130; 131; 168; 169; 170; 171; 172; 173; 180; 183; 184; 185; 187; 189; 192; 193	172; 173
Knot	Intertidal	Unfavourable Declining	Eastfield to Musselburgh Preston Grange to Port Seton* Port Seton to Craigielaw Point Aberlady and Gullane Bays* Eyebroughy to Eel Burn* North Berwick to Tantallon Tantallon to Ravensheugh Sands Winterfield to Barns Ness*	102; 110; 112; 121; 130; 131; 168; 170; 171; 172; 173; 180; 182; 183; 185; 189; 192; 193	168; 169; 170; 171; 172; 173

	Preferred	Condition Status (as of	Core Count sections	Low tide 2003/04	Low tide 2009/10
	habitat	2010)			
			Tyninghame Estuary		
1	Latentidel C	Farmer bla Madataire d	East Barns to Dunglass	444 440 424 47	470: 474
Lapwing*	Intertidal & non-tidal	Favourable Maintained	Eastfield to Musselburgh Port Seton to Craigielaw Point* Aberlady and Gullane Bays* North Berwick to Tantallon Tantallon to Ravensheugh Sands Winterfield to Barns Ness* Tyninghame Estuary	114; 119; 121; 167; 171; 172; 183; 187; 191; 192	170; 171
Long-tailed duck*	Sub-tidal	Unfavourable Declining	Eastfield to Musselburgh Preston Grange to Port Seton Port Seton to Craigielaw Point Aberlady and Gullane Bays Black Rocks to Eyebroughy Eel Burn to North Berwick Harbour Eyebroughy to Eel Burn North Berwick to Tantallon Tantallon to Ravensheugh Sands Winterfield to Barns Ness Tyninghame Estuary East Barns to Dunglass	102; 103; 104; 106; 107; 131; 186	168; 169; 170; 173
Mallard*	All habitats	Unfavourable Declining	Eastfield to Musselburgh Port Seton to Craigielaw Point* Aberlady and Gullane Bays* Eyebroughy to Eel Burn* Winterfield to Barns Ness* North Berwick to Tantallon Tantallon to Ravensheugh Sands Tyninghame Estuary East Barns to Dunglass*	102; 121; 126; 129; 167; 168; 169; 171; 172; 180; 181; 182; 183; 184; 185; 187; 189; 190; 192	169; 170; 171
Oystercatcher*	Intertidal	Favourable Maintained	Eastfield to Musselburgh Preston Grange to Port Seton Port Seton to Craigielaw Point Aberlady and Gullane Bays* Black Rocks to Eyebroughy Eel Burn to North Berwick Harbour* Eyebroughy to Eel Burn North Berwick to Tantallon Tantallon to Ravensheugh Sands Winterfield to Barns Ness* Tyninghame Estuary East Barns to Dunglass	102; 103; 104; 105; 106; 107; 108; 110; 111; 112; 113; 114; 115; 116; 117; 118; 119; 120; 121; 125; 126; 127; 128; 129; 130; 131; 167; 168; 169; 170; 171; 172; 173; 180; 181; 182; 183; 184; 185; 186; 187; 189; 192; 193	168; 169; 170; 171; 172; 173
Pink-footed goose	All habitats	Favourable Maintained	Eastfield to Musselburgh* Aberlady and Gullane Bays Black Rocks to Eyebroughy* North Berwick to Tantallon Tyninghame Estuary East Barns to Dunglass	172; 188	
Red-breasted merganser*	Sub-tidal	Favourable Declining	Eastfield to Musselburgh Port Seton to Craigielaw Point Aberlady and Gullane Bays* Black Rocks to Eyebroughy	102;103;104;107;108;113;119;127;128;129;130;168;169;173;180;181;	168; 170; 171; 173

	Preferred habitat	Condition Status (as of 2010)	Core Count sections	Low tide 2003/04	Low tide 2009/10
			Eyebroughy to Eel Burn North Berwick to Tantallon Tantallon to Ravensheugh Sands Winterfield to Barns Ness* Tyninghame Estuary East Barns to Dunglass	182; 183; 184; 185; 186; 187; 189; 192; 193	
Redshank	Intertidal & non-tidal	Favourable Maintained	Eastfield to Musselburgh Preston Grange to Port Seton Port Seton to Craigielaw Point Black Rocks to Eyebroughy Aberlady and Gullane Bays* Eyebroughy to Eel Burn North Berwick to Tantallon Tantallon to Ravensheugh Sands Winterfield to Barns Ness* Tyninghame Estuary East Barns to Dunglass	102;103;107;108;110;111;112;113;114;115;116;117;118;119;121;126;127;128;129;130;131;169;171;172;173;180;181;182;183;184;185;186;187;188;189;190;191;192;193	172; 173
Red-throated diver	Sub-tidal	Favourable Maintained	Eastfield to Musselburgh Preston Grange to Port Seton Port Seton to Craigielaw Point Aberlady and Gullane Bays Black Rocks to Eyebroughy Eyebroughy to Eel Burn North Berwick to Tantallon Tantallon to Ravensheugh Sands Winterfield to Barns Ness Tyninghame Estuary East Barns to Dunglass	106; 131; 186	168; 170; 173
Ringed plover*	Intertidal	Favourable Maintained	Eastfield to Musselburgh Preston Grange to Port Seton Port Seton to Craigielaw Point Aberlady and Gullane Bays* Black Rocks to Eyebroughy Eel Burn to North Berwick Harbour North Berwick to Tantallon Tantallon to Ravensheugh Sands Winterfield to Barns Ness* Tyninghame Estuary East Barns to Dunglass	102; 104; 105; 106; 108; 110; 112; 127; 128; 129; 169; 171; 172; 180; 181; 183; 192; 193	168; 169; 172
Scaup*	Sub-tidal	Unfavourable Declining	Eastfield to Musselburgh Winterfield to Barns Ness		
Shelduck	All habitats	Favourable Declining	Eastfield to Musselburgh* Port Seton to Craigielaw Point Aberlady and Gullane Bays* Eyebroughy to Eel Burn* Winterfield to Barns Ness* Tantallon to Ravensheugh Sands Tyninghame Estuary East Barns to Dunglass	103; 112; 169; 171; 172; 182; 183; 185; 188; 189; 192	168; 169; 170; 171; 172
Slavonian grebe	Sub-tidal	Favourable Declining	Eastfield to Musselburgh Port Seton to Craigielaw Point Aberlady and Gullane Bays Black Rocks to Eyebroughy	102; 103; 106	168; 173

	Preferred habitat	Condition Status (as of 2010)	Core Count sections	Low tide 2003/04	Low tide 2009/10
			Eyebroughy to Eel Burn Tyninghame Estuary		
Turnstone	Intertidal	Favourable Maintained	Eastfield to Musselburgh Preston Grange to Port Seton Port Seton to Craigielaw Point Black Rocks to Eyebroughy Aberlady and Gullane Bays Eyebroughy to Eel Burn North Berwick to Tantallon Tantallon to Ravensheugh Sands Winterfield to Barns Ness Tyninghame Estuary East Barns to Dunglass	102; 103; 104; 105; 107; 108; 110; 111; 112; 113; 114; 116; 118; 119; 120; 121; 125; 126; 127; 128; 129; 130; 131; 168; 169; 171; 172; 173; 180; 181; 182; 183; 184; 185; 187; 189; 192; 193	
Velvet scoter*	Sub-tidal	Favourable Maintained	Eastfield to Musselburgh Preston Grange to Port Seton Port Seton to Craigielaw Point Aberlady and Gullane Bays Black Rocks to Eyebroughy North Berwick to Tantallon Tantallon to Ravensheugh Sands	102; 103; 104; 105; 106	168; 170; 173
Wigeon*	All habitats	Favourable Recovered	Eastfield to Musselburgh Preston Grange to Port Seton* Port Seton to Craigielaw Point Aberlady and Gullane Bays* Tantallon to Ravensheugh Sands Winterfield to Barns Ness* Tyninghame Estuary East Barns to Dunglass	102; 110; 112; 113; 114; 116; 121; 167; 169; 171; 172; 183; 185; 187; 189; 190; 192; 193	168; 169; 170; 171

APPENDIX F. TABLE 2: BTO SPECIES ALERTS FOR QUALIFYING INTERESTS OF THE FIRTH OF FORTH¹⁰⁴

Species	Short term	Medium term	Long term	Since classification	Possible Reasons		
Wigeon				clubbilleution	Broad-scale population		
					trend		
Mallard					Broad-scale population		
					trend		
Scaup					Occurs too infrequently at		
					site to make		
					interpretation of site		
					trend meaningful		
Eider							
Long-tailed					Broad-scale population		
Duck					trend, but may be some		
					site-specific pressures, poorly monitored.		
Common					Numbers have fluctuated		
scoter					in recent years & poorly		
50000					monitored treat with		
					caution.		
Velvet scoter					Not well monitored, treat		
					with caution		
Goldeneye					Alerts likely to be due to		
					site specific pressures		
Red-breasted					Declining trends likely to		
Merganser					be due to site specific		
					pressures		
Red-throated							
Diver							
Great Crested					May be broad-scale		
Grebe					redistribution or broad		
Slavonian					regional pressures		
Grebe							
Cormorant					Broad-scale population		
connorant					trends		
Oystercatcher					Declining numbers, but		
					not sufficient to trigger		
					alerts		
Ringed Plover					As above		
Golden plover					Site specific pressures		
Grey Plover					Broad-scale redistribution		
					or broad regional		
					pressures		
Lapwing					Broad scale population		

¹⁰⁴ Cook, A.S.C.P., Barimore, C., Holt, C.A., Read, W.J. and Austin, G.E. (2013). Wetland Bird Survey Alerts 2009/2010: Changes in numbers of wintering waterbirds in the Constituent Countries of the United Kingdom, Special Protection Areas (SPAs) and Sites of Special Scientific Interest (SSSIs). BTO Research Report 641. BTO, Thetford.<u>http://www.bto.org/volunteer-surveys/webs/publications/webs-annual-report</u>

Species	Short	Medium	Long	Since	Possible Reasons	
	term	term	term	classification		
					trends, conditions on site thought to be favourable.	
Knot					Broad-scale redistribution	
					or broad regional	
					pressures	
Dunlin					Broad scale population	
					trends, conditions on site	
Devetetled					favourable	
Bar-tailed Godwit					Difficult to interpret underlying trend, but site	
Godwit					makes up increasing	
					proportion of regional	
					numbers suggesting	
					environmental conditions	
					remain relatively	
					favourable and site is	
					becoming increasingly	
Curlew					important Some declines, not	
Curtew					enough to trigger alert,	
					site trend tracking	
					Scottish & British trends	
Redshank					Declines, but not enough	
					to trigger alerts	
Turnstone					Declines, but not enough	
					to trigger alerts	

APPENDIX F. TABLE 3. FIVE-WINTER (2009/10 - 2013/14) MEAN OF PEAK COUNTS EXPRESSED AS A PERCENTAGE OF THE INTERNATIONAL IMPORTANCE THRESHOLD (TAKEN FROM WEBS CORE COUNT DATA).

	Curlew	Oystercatcher	Lapwing	Grey Plover	Golden Plover	Redshank
Eastfield to Musselburgh	19%	64%	8%	10%	6%	22%
Preston Grange to Port Seton	1%	1%		2%	Р	1%
Port Seton to Craigielaw Point	6%	15%	1%	10%	2%	6%
Aberlady and Gullane Bays	Р	Р	Р	Р	Р	
Black Rocks to Eyebroughy		Р		2%		2%
Eyebroughy to Eel Burn	P	2%				3%
Eel Burn to North Berwick Harbour		Р		2%		2%
North Berwick to Tantallon	6%	5%	P	P	2%	
Tantallon to Ravensheugh Sands	10%	6%	2%	7%	Р	3%
Tyninghame Estuary	35%	24%	1%	52%	Р	
Winterfield to Barns Ness	Р		Р	Р	Р	P
East Barns to Dunglass	7%	5%		3%	Р	5%
Totals	10	11	7	11	9	9

P - species present, but five-winter mean of peak counts is less than 1% of numbers required to qualify as of international importance

St Baldred's Cradle

Tyne Mouth

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Dunbar Common