

The Sizewell C Project

6.3 Volume 2 Main Development Site Chapter 15 Amenity and Recreation Appendices 15A - 15J Part 1 of 3

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SIZEWELL C PROJECT - ENVIRONMENTAL STATEMENT

NOT PROTECTIVELY MARKED

APPENDIX A: 2014 SIZEWELL C VISITOR SURVEYS

Please note that the red line boundary used in the figures within this document was amended after this document was finalised, and therefore does not reflect the boundaries in respect of which development consent has been sought in this application. However, the amendment to the red line boundary does not have any impact on the findings set out in this document and all other information remains correct.

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1. INTRODUCTION

1.1 General

- 1.1.1 This is a final report of a two-phase survey of users of outdoor recreation areas and routes including Public Rights of Way (PRoW), permissive paths, access land under the Countryside and Rights of Way Act 2000 and nature reserves in the vicinity of the proposed Sizewell C nuclear power station (hereafter referred to as 'access areas' unless defined otherwise).
- 1.1.2 A combination of observation and questionnaire based visitor surveys were carried out at six survey locations in August and November 2014.
- 1.1.3 A separate report presents the results of visitor surveys carried out at Minsmere RSPB reserve in 2015 at the request of the RSPB to collect data at the heart of the reserve (SZC Visitor Survey RSPB Minsmere 2015, EDF Energy February 2016), hereafter referred to as the 'Minsmere survey'.
- 1.1.4 This report and the Minsmere survey report present the findings which will be used alongside published evidence to assess the effects of the proposed Sizewell C development on recreational displacement (and its consequential ecological effects in the context of the Habitats Regulations Assessment) as well as on amenity and recreation in general.

1.2 Consultation

1.2.1 The visitor surveys carried out in 2014 and at RSPB Minsmere in 2015 have been consulted on as shown in Table 1. A draft of this report was issued to consultees:

Table 1: Consultation Record

Date	Nature of contact	Stakeholders present at meeting or who were issued a report	Access visitor surveys subjects discussed included:
26 March 2014	Amenity and Recreation Meeting 1	SCC SCDC	Access visitor surveys – introductory discussion
14 May 2014	Amenity and Recreation Meeting 2	SCC SCDC SCH AONB SLAF Sustrans Leiston Town Council	Survey questionnaire Survey locations Survey method Study area
11 June 2014	HRA Evidence Plan RAG Table Meeting	SCC EA RSPB SWT NE	Study area Survey questionnaire

Date	Nature of contact	Stakeholders present at meeting or who were issued a report	Access visitor surveys subjects discussed included:		
26 June 2014	Amenity and Recreation Meeting 3	SCC SCDC	Survey questionnaire Survey locations Survey method Study area		
17 July 2014	SLAF Meeting	SLAF	Survey questionnaire Survey method		
24 July 2015	HRA Evidence Plan Workshop 4	SCC RSPB SWT NE EA PINS	Study area Survey questionnaire		
30 July 2014	Amenity and Recreation Meeting 4	SCC SLAF Sustrans Leiston Town Council	Informative visitor surveys that had been carried out in May 2014 Survey questionnaire Survey locations Survey method Survey dates		
15 October 2014 (report issued) Correction sheet issued 21 October 2014	Report issue	SCC SCDC RSPB SWT NE EA	Report of the results of the August survey (SZC Public Rights of Way Visitor Surveys Report of August 2014)		
28 October 2014	HRA Evidence Plan Workshop 5	SCC SCDC SCH AONB RSPB SWT NE	Presentation of results of the August survey (SZC Public Rights of Way Visitor Surveys Report of August 2014) Survey questionnaire Survey method		
2 Dec 2014	Amenity and Recreation Meeting 6	SCC SCDC SCH AONB	Presentation of results of the August survey Study area Survey method		
18 February 2015	Report issue	SCC SCDC RSPB SWT NE EA	Report of the results of the combined August and November surveys (SZC Public Rights of Way Visitor Surveys Report, EDF Energy 17/02/15 – final draft report)		

Date	Nature of contact	Stakeholders present at meeting or who were issued a report	Access visitor surveys subjects discussed included:
3 March 2015	HRA Recreation Disturbance Workshop	SCC SCH AONB RSPB SWT NE	Presentation of the combined August and November survey report (SZC Public Rights of Way Visitor Surveys Report, EDF Energy 17/02/15 – final draft report). Comments on the final draft report were received at the workshop (recorded in Minutes) and RSPB, SCC/SCDC joint local authorities response, Suffolk Wildlife Trust and Natural England also gave written comments.
23 April 2015	SLAF Meeting	SLAF	Presentation of the final draft visitor survey method and results (the combined August and November survey)
15 July 2015	Meeting with RSPB Minsmere	RSPB	Additional visitor surveys at Minsmere in 2015 – method and programme agreed
12 October 2015	Report issue	RSPB	Report of the results of the August Minsmere survey (SZC Visitor Survey Minsmere August 2015 – draft interim report)
12 October 2015	Meeting with RSPB Minsmere	RSPB	Discussion of results visitor survey at Minsmere in August 2015
22 October 2015	SLAF meeting		Update on visitor surveys

Abbreviations: SCC (Suffolk County Council), SCDC (Suffolk Coastal District Council), RSPB (Royal Society for the Protection of Birds), SWT (Suffolk Wildlife Trust), NE (Natural England), EA (Environment Agency), PINS (The Planning Inspectorate), SLAF (Suffolk Local Access Forum including SCC)

1.2.2 The Informative Survey in May 2014 was carried out to determine the likely levels of use at the different potential main survey locations and to pilot an early draft of the questionnaire survey and the observation survey method. Amendments were made to the choice of survey locations and the wording of the questionnaire as a consequence.

1.3 Structure of Report

1.3.1 A description of the method is provided in Section 2, the results of the observation survey on level of use and user profile are presented Section 3 followed by the results of the questionnaire survey in Section 4. Section 5 includes a summary of the key findings and conclusions.

METHODOLOGY

2.1 General

- 2.1.1 A description of the methodology is given below. The full methodology that was adopted is set out in Sizewell C Project HRA Evidence Plan: Disturbance Due to Potential Increase in Recreational Pressure report (ref SZC-EP-W4-002).
- 2.1.2 The study area for assessing effects due to displacement was based on the following zones of potential influence around the Sizewell C Indicative Main Development Site as shown on Figure 01:
 - Zone of Physical Change (defined by a 2km buffer around Indicative Main Development Site)

The potential effects on PRoW and access areas are likely to occur within approximately 2km of the Indicative Main Development Site defined as the Zone of Physical Change. This includes potential PRoW closures and the location of diverted or newly created routes.

 Displacement Zone (defined by 8km buffer around the Indicative Main Development Site)

Research and field based questionnaires identified that the approximate median¹ distance likely to be travelled by people to reach a location for recreational activities is 8km. This was defined through review of selected published reports on recreational visitor surveys in landscapes of a similar type to that within the area around the Sizewell C site, in particular either heathland landscapes or estuary landscapes associated with European habitat designations, including SPA and SAC designations. The evidence base for this is set out in the Sizewell C Proposed Nuclear Development HRA Evidence Plan Volume II (of II), Appendix 3.5 SZC-EP-W4-002 Disturbance due to potential increase in recreational pressure (EDF Energy October 2014). As such, this zone is judged to be the appropriate extent of the catchment area for visitors that have the potential to be displaced by changes to PRoW and access areas within the Indicative Main Development Site during construction and operation of Sizewell C. The Displacement Zone captures a number of settlements which have been used to define the Buffer Zone (see below).

 Buffer Zone² (defined by 8km buffer around settlements within the Displacement Zone)

This zone defines the geographic extent around settlements within the Displacement Zone that people may be displaced to as a result of changes to

¹ The mid-point of the data collected

² This zone was called the Receptor Zone in previous reports but has been changed to Buffer Zone. The whole study area would potentially be the receptor of displaced users of access areas so it was decided to change the name of this area to Buffer Zone.

PRoW and access areas or perceptions about the SZC development within the Indicative Main Development Site, based on the 8km median distance discussed above. A recreational user from a settlement who might have travelled up to 8km towards Sizewell C to use a recreational resource may, therefore, potentially be displaced up to 8km away from Sizewell C to use an alternative recreational resource.

The outer edge of the Buffer Zone defines the extent of the study area (which was confirmed as appropriate by the surveys) and this extends to between approximately 12.5km and 17km from the Sizewell C Indicative Main Development Site.

- 2.1.3 The survey results confirm that this study area is appropriate because 96% (174 out of 182) of the locations those who would be displaced would go to lie within the study area and only 4% (8 out of 182) of the locations lie outside the study area, as discussed in Section 4 under Q 4b i).
- 2.1.4 Surveys were undertaken at the following six locations that were agreed with the Rights of Way officers and the HRA Evidence Plan Working Group (see Figure 01):
 - at Aldringham Walks within Sandlings SPA;
 - on Bridleway 19 at the entrance to Kenton Hills car park, there are two survey points here – one in the car park and one on the bridleway;
 - in the National Trust car park at Dunwich Heath;
 - on the Eastbridge Minsmere Sluice path;
 - the Suffolk Coast Path junction with Sandlings Walk; and
 - at Sizewell Beach car park.
- 2.1.5 The Bridleway 19 survey location was surveyed at two points (Point 2 on the bridleway and Point 3 in the car park), giving separate data for Bridleway 19 and Kenton Hills car park. These survey points are close to each other but there was no double counting for the questionnaire surveys (and nor was there any possibility of such at these or any other location), and it is considered that any potential for double counting of visitors for the observation surveys was minimal because:
 - Bridleway 19 is invisible from within the Kenton Hills car park and vice versa;
 - the Bridleway 19 survey point location was sited deliberately to capture/question cyclists, long distance walkers/ horse riders coming from the north from Eastbridge, east west along the Sandlings Walk and from the south from Aldeburgh going through to Eels Foot Inn i.e. users on the move and not those seeking to park at Kenton Hills to walk into the woodland; and
 - of the 83 users observed over a total of four days on Bridleway 19 40% were cyclists (see Table 5) and people were rarely seen loading cycles on or off cars in Kenton Hills car park. These low levels of use on Bridleway 19 suggest any

double counting on the observation surveys would be insignificant. There has been no double counting on the questionnaire surveys.

- 2.1.6 The survey point location at Dunwich Heath was on the cliff top by the easternmost section of the car park looking southwards along the beach towards Sizewell, so as to focus on users on the heath's cliff paths, the beach, the coastal paths and the north wall path at Minsmere to access the coastal path (see photo under the heading The Survey Points below for the field of vision looking south from the Dunwich Heath National Trust Car Park survey point). Seven of the eight survey sessions on Eastbridge Minsmere Sluice path took place at the path's junction with Eastbridge Road (Eastbridge Minsmere Sluice Path (A) on Figure 01). The eighth session had to be moved to a point further east along the same path, closer to the beach, in response to external factors (Eastbridge Minsmere Sluice Path (B) on Figure 01); the data from these two are recorded as the same survey point capturing people on the same route. The survey results in sections 3, 4 and 5 are therefore analysed as seven survey points as follows:
 - Point 1 Aldringham Walks within Sandlings SPA
 - Point 2 Bridleway 19
 - Point 3 Kenton Hills car park
 - Point 4 Dunwich Heath National Trust car park
 - Point 5 Eastbridge Minsmere Sluice path
 - Point 6 Suffolk Coast Path intersect with Sandlings Walk
 - Point 7 Sizewell Beach car park

2.2 Visitor Survey Methodology

2.2.1 Using a combination of observation and questionnaire methods for visitor surveys has a number of advantages. A verification check can be made of actual behaviours against reported behaviours and how representative the profile of questionnaire respondents is to the profile of actual visitors. The observation survey method yields richer data on the numbers and profile of users compared to only counting numbers, and observation surveys also allows information to be collected on sensitive matters such as numbers of dogs, dogs off lead, anti-social behaviours etc. which some questionnaire respondents may be reluctant to address.

a) Questionnaire Survey

2.2.2 Following discussions with EDF Energy and consultees, a single form of questionnaire was developed. After the August surveys had taken place, it was agreed with the HRA working group (at the HRA Evidence Plan Workshop 5 on 28th October 2014) to make one minor change to the questionnaire for the November surveys, omitting the option to record 'day trip' in question 1. The questionnaire

- comprised 11 questions, with the first six focussed to elicit key information on recreational activity, should respondents not wish to complete the full questionnaire.
- 2.2.3 The questions were designed to establish the type of visitor, the nature of the activity they were undertaking and the reasons why they had chosen that location, as opposed to elsewhere. Importantly, the early questions also sought to establish if the respondent would prefer to avoid Sizewell C during construction, based on an understanding of the project, where else they would be likely to go or how far they would be prepared to travel, and whether they walked a dog (including on or off the lead), both at the survey location and elsewhere.
- 2.2.4 An ambitious target to collect 500 surveys was set. The sample size had to be large enough to give confidence that the responses would realiably reflect the views and activities of the particular user population of the recreational locations around the area potentially influenced by construction (rather than those of the potentially more diverse general population in the study area). There also had to be sufficient numbers gathered from at least some of the different survey locations to allow for some sub-sample analyses to be made relatively free from the effects of small sample sizes (i.e. of less than 100 responses)³. In the experience of our surveyors (over 30 years) the pattern of responses to general questions (e.g. on activities, frequency of vists etc) on visitor surveys of specific recreational locations tend not to vary for total samples over 300. A target of 500 was therefore considered robust.
- 2.2.5 The majority of the questionnaires were completed 'in situ' in the field. However, the questionnaire was also designed for self-completion so that any visitors (including passing cyclists) not wishing to stop could take a copy and a self addressed envelope for it to be returned to the EDF Energy office in Leiston.
- 2.2.6 Surveyors were provided with an explanatory note to verbally describe the extent and duration of the construction phase for Sizewell C in a consistent manner. The wording of the explanatory note was extensively debated with the HRA Evidence Plan working group and the local planning authority and Rights of Way officers. It is considered that the verbal description will have provided appropriate context for the user surveys, in terms of the likely nature and scale of the Sizewell C development.
- 2.2.7 The surveyors also referred the respondents to an aerial photograph and OS map of the Indicative Main Development Site attached to the questionnaire, which clearly showed the scale and extent of the proposed construction zone within the Sizewell Estate.
- 2.2.8 The majority of survey sessions were scheduled for paired Fridays and Saturdays and principally for time efficiency reasons as some of the surveyors had 3-4 hour journeys to get to site. There was a need to build in some contingency for bad weather events and inconceivable events which resulted in the rescheduling of three out of a total of 24 sessions to a Thursday, Monday and a Sunday. Sunday afternoons are generally considered to be the busiest times for outdoor access areas but a Sunday/Monday model would have precluded the August Bank Holiday Monday reducing our contingencies. August was deliberately chosen to coincide

SZC Public Access Visitor Surveys 2014| February 2016

³ Moser C A. and Kalton G. (1979) Survey Methods in Social Investigations. Heinemann, London

with the school summer holiday and therefore the busiest time of the year. The questionnaire, explanatory text and maps are included in Appendix A.

b) Observation Survey

- 2.2.9 Surveyors recorded the people they saw from the survey locations according to their gender, age group, cultural background, whether alone or in a group, in the presence of a dog or not, and their primary and secondary activities as described in the questionnaire. After the August surveys it was agreed with consultees (at the HRA Evidence Plan Workshop 5 on 28th October 2014) that it would also be useful to record whether dogs were on or off leads. This information (and also the number of dogs observed) was recorded in the November surveys, but not in the August surveys.
- 2.2.10 Every visitor in a group in the presence of one or more dogs was coded as walking the dog as their primary activity (results given in Table 5). For example, if a group of five people were walking together with one dog they would each be recorded as dog walkers, and one person walking more than one dog would be recorded as one dog walker. This approach sought to measure the worse case scenario for the assessment of the impacts of dogs on sensitive sites.
- 2.2.11 When recording whether dogs were on or off the lead at survey locations in car parks, surveyors waited until people in the presence of one or more dogs had left the car park and, for example, entered some way into the woodland at Kenton Hills or gone some way along the beach at Sizewell or the paths at Dunwich Heath before committing to an on lead/off lead observation (results given in Table 6).
- 2.2.12 The observation survey record sheet is included in Appendix B.

c) Detailed Survey Methodology

- 2.2.13 Further details of the main survey methodology were as follows:
 - The aim was to collect as many responses as practically possible from each set of surveys per day per location.
 - The surveys lasted 12 hours (7am 7pm) during the August surveys and 8 hours (8am – 4pm) during the November surveys, per location on a week day and a weekend. Relevant welfare facilities were available including mobile telephones and water.
 - Weekend days and week days were covered to help identify any differences in user activity.
 - Each survey location was surveyed for two days (one weekend and one week day) in August and again for two days in November 2014.
 - A large scale OS base map was held by each of the surveyors to, for example, help people identify where else they might go to recreate if they were displaced.
 - Protection was provided from harsh weather conditions to encourage people to complete the full survey.

The Survey Points (see Figure 01 for plan of locations)

Aldringham Walks Grid ref TM462604



Bridleway 19 Grid ref TM453639



Kenton Hills Car Park Grid ref TM453639



Dunwich Heath National Trust Car Park Grid ref TM477677



Eastbridge-Minsmere Sluice Path Grid ref TM453660 & TM474661



Suffolk Coast Path intersect with Sandlings Walk Grid ref TM476645



Sizewell Beach Grid ref TM475629



The grid references given above are the survey point locations. The photographs illustrate part of the recreational resource users would use at those locations and are not of the exact survey points.

2.3 Assessment of the methodology in practice

a) Survey Conditions

2.3.1 The August survey was timed to coincide with the assumed annual period of peak use i.e. in the school summer holiday. Recording sessions were completed on the 8th, 9th, 10th, 14th, 15th, 16th, 18th and 23rd of August (see Table 2). A total of 14 surveyors were deployed. The November survey was designed to gather data from

the low season, such that in combination with the August data, a reasonable picture of use in opposite seasons could be obtained. The November surveys were completed on the 7th, 8th, 14th and 15th of November. A total of 17 surveyors were deployed. The November weekday session at Eastbridge had to be delayed until the 5th December and was re-located to a point further east but along the same path in response to external factors (see Table 2 and Figure 01). The results of the surveys undertaken on the Eastbridge – Minsmere Sluice path carried out in November and on 5th December are, in this report, referred to as the 'November' survey.

- 2.3.2 The Met Office described August 2014 as an often unsettled month with periods of heavy rainfall in some areas. On the survey dates temperatures averaged 18°C at 09.00 to 20°C at mid-day and 19°C at 18.00. Temperatures on the 18th and 23rd were slightly cooler and this proved to be the coolest August since 1993, ending a sequence of eight months with above average temperatures. There were rain showers and a breeze on most days, but no persistent rain (which would have caused a whole survey day to be abandoned). Ex-Hurricane Bertha⁴ passed over Suffolk in the early afternoon of the 10th August (with high winds and driving rain for a few hours). This extreme weather event kept people away from the beach at what would normally have been a busy time so the recording sessions for the worst affected hours from 13.00-15.00 were repeated on the 16th August, replacing the results of early afternoon on 10th August.
- 2.3.3 The Met Office described November 2014 as being generally unsettled but mild. On the survey dates the temperature at 09.00 was around 12°C (but 6°C on 5th December) and around 14°C at 15.00 (and 7°C on 5th December). All the days were breezy but dry except the 14th November which was interrupted by showers.

b) Questionnaire Survey

2.3.4 A total of 514 questionnaires were completed, exceeding the original target of 500 (269 in the August and 245 in the November). Following a verbal introduction from the surveyors (using the wording of the explanatory note and the two maps) most people were able to fill in the questionnaire on their own. Just over 20 people (4%) returned a survey using the stamped addressed envelopes.

c) Observation Survey

2.3.5 A total of 4,214 users were observed within the vicinity of the survey locations.

⁴ By the time the runt of hurricanes originating from elsewhere reach the UK, they are usually referred to as ex-Name

SZC Public Access Visitor Surveys 2014 February 2016

Table 2: Completed survey schedule for 2014

	1. Aldringham Walks	2 and 3. Kenton Hills Car Park and Bridleway 19	4. Dunwich Heath National Trust Car Park	5. Eastbridge – Minsmere Sluice Path	6. Suffolk Coast Path intersect Sandlings Walk	7. Sizewell Beach Car Park
August Weekend						
07.00-08.00	Sat 9th AM c	Sat 9th SR c	Sun10th AM/SG	Sat 23rd SM/JM	Sat 16th AM	Sun 10th SR c
09.00-12.00	Sat 9th AM/RS/ZJ	Sat 9th SR/LG/SM	Sat 16th CJH/JJ	Sat 9th SG	Sun 10th SG/LG/SM	Sun 10th SR/RS/ZJ
13.00-16.00	Sat 9th RS/ZJ	Sat 9th LG/SM	Sat 16th CJH/JJ	Sat 23rd SM/JM	Sun 10th LG/SM	*Sun 10th RS/ZJ
17.00-19.00	Sat 9th RS/ZJ	Sat 9th LG/SM	Sat 16th CJH/JJ	Sat 23rd SM/JM	Sun 10th LG/SM	Sun 10th RS/ZJ
August Weekday						
07.00-08.00	Thurs 14th MC/PL	Mon 18th MC/PL	Fri 15th AM	Thurs 14thLH/AC	Fri 15th SM/JM	Mon 18th LH/SK
09.00-12.00	Thurs 14th MC/PL	Mon 18th MC/PL	Fri 15th AM/CJH/JJ	Thurs 14thLH/AC	Fri 15th SM/JM	Mon 18th LH/SK
13.00-16.00	Thurs 14th MC/PL	Mon 18th MC/PL	Fri 15th CJH/JJ	Thurs 14thLH/AC	Fri 15th SM/JM	Mon 18th LH/SK
17.00-19.00	Fri 8th SR/SG	Mon 18th MC/PL	Fri 15th CJH/JJ	Fri 8th AM	Fri 15th SM/JM	Mon 18th LH/SK
November						
Weekday						
08.00-10.00	Fri 7th SR/SG	Fri 7th MC/PL	Thurs 14th SR/SG	**Fri 5th Dec SM/JM	Fri 7th SM/JM	Fri 7th LH/SK/JA/JeM
11.00-13.00	Fri 7th SR/SG	Fri 7th MC/PL	Thurs 14th SR/SG	**Fri 5th Dec SM/JM	Fri 7th SM/JM	Fri 7th LH/SK/JA/JeM
14.00-16.00	Fri 7th SR/AM	Fri 7th MC/PL	Thurs 14th SR/SG	**Fri 5th Dec SM/JM	Fri 7th SM/JM	Fri 7th LH/SK/JA/JeM
November Weekend						
08.00-10.00	Sat 15th CJH/JJ	Sat 15th SK/JA/JeM	Sat 8th LG/RS	Sat 8th AC/LH	Sat 15th LG/RS	Sat 15th SR/SG
11.00-13.00	Sat 15th CJH/JJ	Sat 15th SK/JA/JeM	Sat 8th LG/RS	Sat 8th AC/LH	Sat 15th LG/RS	Sat 15th /SG
14.00-13.00	Sat 15th CJH/JJ	Sat 15th SK/JA/Je/M	Sat 8th LG/RS	Sat 8th AC/LH	Sat 15th LG/RS	Sat 15th SR/SG
14.00-10.00	34. 151. 55. 155	Sat 8th SR & SG grres	Sat 8th SR & SG grres	03.1 0.11 / 1.0/2.1	36	341.511.5.455
		only am	only pm			

Initials (e.g. AM) identify who carried out the survey c = count only qrres = questionnaires only

* AM re-surveyed 13.00 to 15.00 on Saturday 16th August due to ex-hurricane Bertha on afternoon of 10th August ** This session had to be postponed until 5th December and the survey point (Eastbridge-Minsmere Sluice Path

On Figure 01) had to be re-located further east along the same path at TM474661 (Eastbridge-Minsmere Sluice Path (B)

on Figure 01)

3. OBSERVATION SURVEY RESULTS

3.1 Levels of Use

- 3.1.1 A total of 4,214 users were observed over 214 hours: 2,814 users were observed, counted and profiled over 130 hours across the six sites in August 2014 and 1,400 over 84 hours in November 2014. As noted in Section 2 there were two survey points at one site, one on Bridleway 19 and one at the entrance to Kenton Hills car park, and these are shown separately in the survey analysis giving a total of seven survey points. Eastbridge-Minsmere Sluice Path (A) and (B) shown on Figure 01 are recorded as one survey point as explained in Section 2.
- 3.1.2 The number of people counted at each survey point is also shown in plan form on Figure 02, where a larger circle represents more people recorded. This illustrates the higher number of recreational users recorded at two of the coastal locations.
- 3.1.3 The Suffolk Coast Path at Dunwich Heath and Sizewell Beach were by far the busiest sites with over 46 and 50 users per hour respectively. In contrast Bridleway 19 had very little use with only 3 users per hour. The Eastbridge-Minsmere Sluice Path was the next busiest site with nearly 12 users per hour. The other sites averaged 8 users per hour (Aldringham Walks, Kenton Hills Car Park and Suffolk Coast Path intersect with Sandlings Walk).
- 3.1.4 The gender profile of users across all seven survey points was very balanced and reflective of the 51:49 female to male split typical of the UK population as a whole (see Table 3 and Figure 3.1). There were slightly more male than female users on Bridleway 19 which may reflect its popularity with cyclists.
- 3.1.5 A higher proportion of people from the under 20 age groups were to be found at Dunwich Heath (a popular National Trust site with families) and Kenton Hills. Over half the visitors came from the over 45 year old and older age groups. The percentages of the over 65s at all survey points (and the beach locations in particular) were higher than would be the case for an average urban park in the UK and were notable for being close to, if not higher than, their relative proportion in the UK population. Virtually all users (99%-100%) at all survey points were observed to be from White cultural backgrounds. The occasional user from a Mixed, Black, Asian, Chinese or other cultural background was also observed.

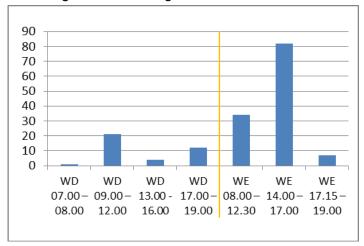
Table 3: Gender and Age Profile

Survey point	Gender		Age Groups					n =	
	Female	Male	0-4	5-15	16-19	20-44	45-64	65+	
1. Aldringham Walks	49%	51%	2%	7%	1%	33%	44%	12%	252
2. Bridleway 19	40%	60%	0%	5%	4%	41%	36%	14%	83
3. Kenton Hills Car Park	53%	47%	2%	10%	3%	34%	39%	13%	265
4. Dunwich Heath National Trust Car Park	48%	52%	1%	10%	6%	30%	33%	20%	1438
5. Eastbridge- Minsmere Sluice Path	46%	54%	1%	4%	7%	35%	40%	12%	339
6. Suffolk Coast Path intersect Sandlings Walk	51%	49%	0%	3%	2%	31%	45%	19%	248
7. Sizewell Beach	47%	53%	2%	7%	3%	30%	38%	20%	1589

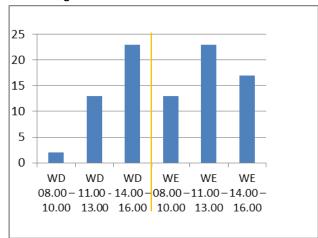
3.1.6 Figure 3.1 below (over three pages) shows the variation in levels of use (total number observed) across the hours of the day for all seven survey points. The greater level of use on weekend (WE) days is evident at all seven survey points, with a maximum peak most commonly in the afternoon. The weekday (WD) peak varied more between the morning and the afternoon. Most survey points had early morning use. Recording sessions where no one was observed do not appear on the graphs. The timings reflect the precise timings of each recording session, some of which were affected by an over run, and others by a loss of light, inclement weather or a combination of both. There were 22 people per hour observed in August compared to 17 per hour in November representing a 23% reduction in the colder month. Week day use in winter and summer appeared to be reasonably consistent (though noticeably lower in the off season at Dunwich Heath and Eastbridge-Minsmere Sluice Path).

Figure 3.1 Variation in levels of use across the week (total number of people observed)

1. Aldringham Walks August 2014



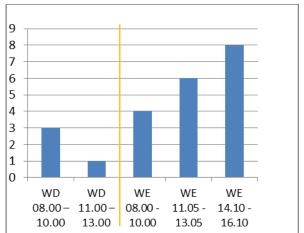
1. Aldringham Walks November 2014



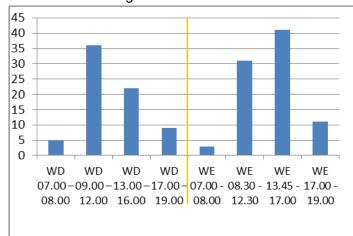
2. Bridleway 19 August 2014

20 18 16 14 12 10 8 6 4 2 0 WD WE WE WE 09.00- 13.00-17.00-07.00 -09.00 -13.00 -17.00 -12.00 16.00 19.00 08.00 12.00 16.00 19.00

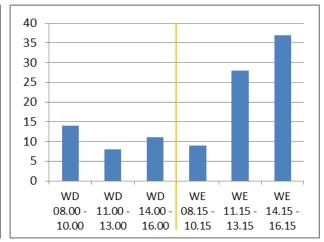
2. Bridleway 19 November 2014



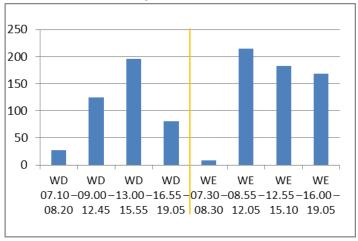
3. Kenton Hills August 2014



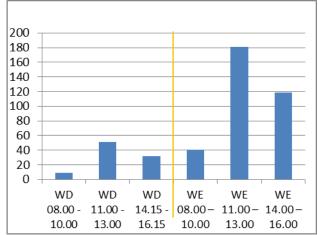
3. Kenton Hills November 2014



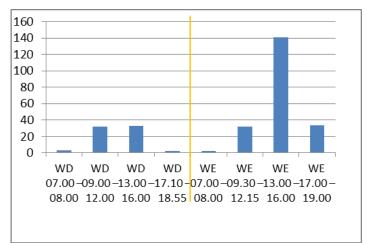
4. Dunwich Heath August 2014



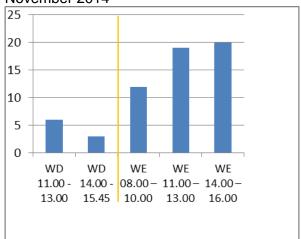
4. Dunwich Heath November 2014



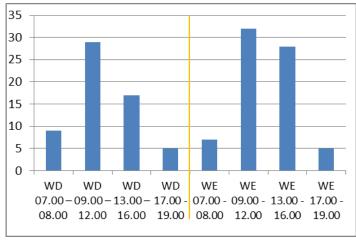
5. Eastbridge-Minsmere Sluice Path August 2014



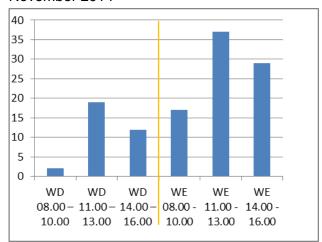
5. Eastbridge-Minsmere Sluice Path November 2014



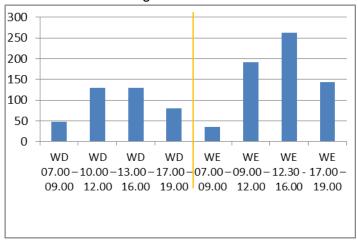
Suffolk Coast Path intersect Sandlings Walk August 2014



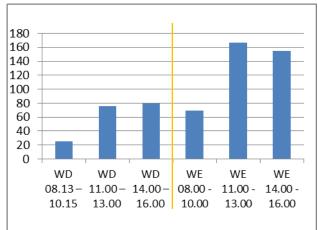
6. Suffolk Coast Path intersect Sandlings Walk November 2014



7. Sizewell Beach August 2014



7. Sizewell Beach November 2014



- 3.1.7 The levels of use were substantially lower in November (compared to August) at the following times of the week:
 - during the week at Kenton Hills, Dunwich Heath, and Eastbridge-Minsmere Sluice Path: and
 - during the weekend at Aldringham Walks, Bridleway 19, Eastbridge-Minsmere Sluice Path and Sizewell Beach.
- 3.1.8 The level of use at the Suffolk Coast Path intersect Sandlings Walk did not vary greatly between August and November.
- 3.1.9 As shown in Table 4, at least a quarter of all users were on their own at five of the survey points. Dunwich Heath and the Eastbridge–Minsmere Sluice Path had the lowest proportions of people visiting alone and highest proportions visiting in groups (more than one person) (over 80%).
- 3.1.10 The percentage of users in the presence of at least one dog (35% of all users observed) was particularly high at Kenton Hills, the Suffolk Coast Path intersect with Sandlings Walk and Sizewell Beach. The greatest numbers of dog walkers were observed at Sizewell Beach, followed by Dunwich Heath Cliff National Trust Park, Kenton Hills Car Park and Suffolk Coast Path intersect Sandlings Walk (Table 3). It is noted that the National Trust request that dogs are kept on a short lead at some locations within Dunwich Heath during the bird breeding season (though the signing is somewhat confusing on the coastal paths) and they are prohibited within parts of Minsmere RSPB reserve at all times. This probably explains the lower percentages of people with dogs at survey points 4 and 5.

Table 4: State

Survey point	Alone	In a group	With dog n	With dog %	Without dog %	n =
1. Aldringham Walks	25%	75%	59	23%	77%	252
2. Bridleway 19	30%	70%	24	29%	71%	83
3. Kenton Hills Car Park	27%	73%	175	66%	34%	265
4. Dunwich Heath Cliff National Trust Park	11%	89%	212	15%	85%	1438
5. Eastbridge - Minsmere Sluice Path	17%	83%	76	22%	78%	339
6. Suffolk Coast Path intersect Sandlings Walk	32%	68%	144	58%	42%	248
7. Sizewell Beach	26%	74%	781	49%	51%	1589

3.1.11 The range of primary activities (Table 5) observed was very narrow at most survey points other than Sizewell Beach and Dunwich Heath, and was predominantly walking and walking the dog. Cycling occurred at all the survey points and was particularly popular at Aldringham Walks, Bridleway 19 and on the Eastbridge-Minsmere Sluice Path. Only two horseriders were seen in the entire survey - on the beach at Dunwich Heath.

Table 5: Primary activity

Survey point	Cycling	Fishing	In pram	Horse riding	Playing	Running	Sitting	Standing	Walking	Walking dog	Other	n =
1. Aldringham Walks	21%					6%		0.4%	49%	22%	2%	252
2. Bridleway 19	40%					1%	1%		33%	25%		83
3. Kenton Hills Car Park	1%		0.8%		0.4%		2%		30%	66%		265
4. Dunwich Heath National Trust Car Park	3%	1%	0.2%	0.1%		1%	7%	6.0%	65%	14%	4%	1438
5. Eastbridge - Minsmere Sluice Path	25%					1%		0.3%	56%	16%	1%	339
6. Suffolk Coast Path intersect Sandlings Walk	4%					6%			34%	56%		248
7. Sizewell Beach	2%	2%	0.1%		0.1%	2%	3%	0.3%	43%	48%	1%	1589

3.1.12 The proportion of people walking a dog is shown in Table 6 and in plan form on Figure 02. It can be seen that a large proportion of people walked dogs at Kenton Hills, the Suffolk Coast Path intersect with Sandlings Walk and Sizewell Beach. Dogs represent one of the higher risk elements of recreational use in the context of wildlife conservation and this analysis indicates the scale of dog activity around Sizewell at present.

Table 6: Numbers and % of primary activity dog walkers at the survey points

Survey point	n all users	n dog walkers	% dog walkers of total users
1.Aldringham Walks	252	55	22%
2. Bridleway 19	83	21	25%
3. Kenton Hills Car Park	265	175	66%
4. Dunwich Heath National Trust Car Park	1438	207	14%
5. Eastbridge - Minsmere Sluice Path	339	54	16%
6. Suffolk Coast Path intersect Sandlings Walk	248	138	56%
7. Sizewell Beach	1589	764	48%

The figures for 'n dog walkers' in Table 6 are sometimes less than the figures 'with dog n' given in Table 4 (e.g. 55 compared to 59 for Aldringham Walks) because Table 6 only records people whose primary activity was dog walking whereas Table 4 also records people whose primary activity was something other than dog walking such as cycling.

3.1.13 Observations of the numbers of dogs on and off the lead were gathered in the November survey only (Table 7). A much greater proportion of dogs were observed to be off the lead (59%-97%) rather than on the lead at all sites except Dunwich Heath (37%). The highest numbers of dogs off the lead were observed at Sizewell Beach (18 per hour). At Suffolk Coast Path intersect with Sandlings Walk there were on average 5 dogs per hour observed off lead (representing 97% of all dogs observed at that site).

Table 7: Dogs on and off the lead (November only)

Survey point	n visitors	% visitors with dog	n dogs on lead	% dogs on lead	n dogs off lead	% dogs off lead
1. Aldringham Walks	91	46%	6	16%	31	84%
2. Bridleway 19	22	64%	2	11%	16	89%
3. Kenton Hills Car Park	107	65%	31	41%	45	59%
4. Dunwich Heath National Trust Car Park	433	22%	32	63%	19	37%
5. Eastbridge - Minsmere Sluice Path	60	15%	2	40%	3	60%
6. Suffolk Coast Path intersect Sandlings Walk	116	62%	2	3%	65	97%
7. Sizewell Beach	571	59%	92	29%	220	71%

3.1.14 Table 8 indicates the estimates of the annual level of use at each of the survey points using the following formula and example for Aldringham Walks:

Aldringham Walks	Total Visits	Number of Hours	Average Visit per Hour	12 Hours Per Day	Days per year	Total
Weekday	76	15.0	5.1	12	261	15,869
Weekend	176	15.3	11.5	12	104	14,356
Estimated visits per annum						30,225

Table 8: Estimate of annual levels of use (based on survey data)

Survey Point	Total n users	Total hours	Total users/hour	Estimated visits per annum
1. Aldringham Walks	252	30.3	8.3	30,225
2. Bridleway 19	83	30	2.8	10,171
3. Kenton Hills Car Park	265	31.3	8.5	34,174
4. Dunwich Heath National Trust Car Park	1438	31.5	45.7	175,934
5. Eastbridge - Minsmere Sluice Path	339	29.3	11.6	38,871
6. Suffolk Coast Path intersect Sandlings Walk	248	30	8.3	32,314
7. Sizewell Beach	1589	31.5	50.4	195,557
	4214	213.9		517,246

- 3.1.15 This method for estimating annual level of use is based on a method that the Heritage Lottery Fund advise (and train) the park restoration projects they fund to use to measure changes in levels of use from before and after restoration.
- 3.1.16 The least used survey location was Bridleway 19 (estimated at 10,171 visits pa) and the most well used were Dunwich Heath (c.175,934 visits pa) and Sizewell Beach (c.195,557 visits pa). All the other survey locations were attracting in the region of 30,000-40,000 visits pa.

4. QUESTIONNAIRE SURVEY RESULTS

- 4.1.1 This section presents the results of the questionnaire survey in the sequence of questions as they were set out in the questionnaire. The raw survey data results for the questions are included in Appendix C.
- 4.1.2 A total of 514 questionnaires were completed and have been analysed as one sample and also as the following sub-samples for residential or holiday locations, dog walking, variation in the use of routes and displacement:
 - Locals living within the 8km Displacement Zone.
 - Locals living beyond the 8km Displacement Zone at postcodes within East Anglia.
 - Holiday makers.
- 4.1.3 Further sub-sample analyses have been prepared for respondents surveyed at Kenton Hills and Sizewell Beach, where the number of respondents was greater than 100. At the other survey points, the total subsample sizes were only around 60 or less and therefore too small to draw any firm conclusions from. Sample sizes of less than 30 respondents require careful manipulation and interpretation. In the authors' experience, splitting down a total sub-sample of 60 or less into the three residential or holiday location categories reduces the sub-sample populations into 20 or less, from which generalisations cannot reliably be made.
- 4.1.4 Table 9 shows the number of questionnaire responses received at each survey location.

Table 9: Questionnaire numbers at survey locations

Survey location	Number of questonnaires
1. Aldringham Walks	61
2. Bridleway 19 and 3. Kenton Hills	105
4. Dunwich Heath National Trust Car Park	66
5. Eastbridge-Minsmere Sluice Path	71
6. Suffolk Coast Path intersect Sandlings Walk	33
7. Sizewell Beach	128
Survey location not specified	50
Total	514

4.1.5 The total sample of 514 is however considered large for a survey of this kind (intended to reflect the views and activities of a user population rather than the socio-economic profile of the general population) and is therefore considered to be

sufficient to provide a robust evidence base to help inform the EIA and HRA assessments.

Q1: Where do you live/where are you staying

4.1.6 Almost 73% of the respondents at the seven survey points said they had come from home and 25% stated that they were on holiday. These basic figures were interrogated further to assess the approximate distance people had travelled that day to get to the survey points (Table 10).

Table 10: Approximate distance travelled to get to survey points

Visitor type	n	%
Local within 8km*	254	49%
Local beyond 8km**	125	24%
Holiday maker***	127	25%
No response	8	2%
Total	514	100%

^{*} Home postcode is IP15/16/17 (Aldeburgh, Leiston, Saxmundham) within 8km Displacement Zone

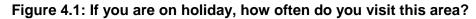
- 4.1.7 The distribution of residential locations based on home postcode data for all respondents is shown on Figures 03A and 03B. Two plans have been produced at different scales so that it can be seen where respondents live within the Displacement Zone (Figure 03A), and where all respondents live (Figure 03B). Figure 03A illustrates that there is a concentration of respondents living in the closest main settlement (Leiston) with fewer living in smaller settlements and hamlets, or the two more distant main settlements within the Buffer Zone (Aldeburgh and Saxmundum). Figure 03B illustrates a high proportion living within the study area, a scattering within the eastern side of East Anglia, and others spread more widely, but most from within the south and south east of England.
- 4.1.8 The distribution of locations where holiday makers were staying and, for all other respondents, where they live is shown on Figure 04.
 - 63% (of the 514 respondents) were within the Displacement Zone
 - 7% were between the Displacement Zone and Buffer Zone
 - 23% beyond the Buffer Zone (further analysis of this group is provided at Q4a)
 - 7% gave no location.
- 4.1.9 This illustrates that the vast majority of respondents either live, or are based on holiday, within the Displacement Zone, supporting the definition of the study area as set out in Section 2.
- 4.1.10 The majority (13%) of the holiday makers were staying in Aldeburgh, Dunwich, Eastbridge, Leiston and Theberton.

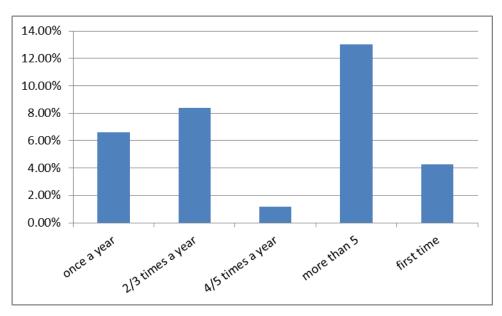
^{**} Home postcode beyond the 8km Displacement Zone but within East Anglian counties

^{***} Stated on questionnaires as such and/or with home postcode beyond the East Anglian Counties

Q1b: If you are on holiday, how often do you visit this area?

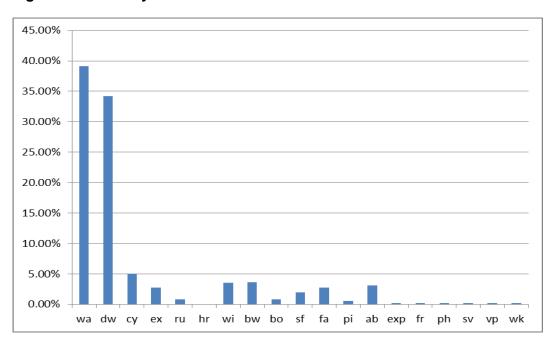
4.1.11 Some 14% of the holiday makers visited the area more than 4 or 5 times a year, and 8% at least 2 or 3 times a year, making them regular visitors (Figure 4.1).





Q2: What are the main activities you will be doing here today?

Figure 4.2: Primary activities



Key for Figures 4.2 and 4.3i

wa	walking	pi	picnicking
dw	dog walking	ab	access to beach
су	cycling	ехр	exploring
ex	exercise	fr	fungi recording
ru	running	ph	photography
hr	horse riding	SV	sea viewing
wi	enjoying wildlife	vp	visiting pub
bw	bird watching	wk	working
bo	Botany	SO	socialising
sf	sea fishing	kay	kayaking
fa	getting some fresh air	mu	music
ea	eating	sk	sketching
ро	pottery	su	spiritual uplift
ра	paddling	CS	collecting shells
VW	view	SS	swimming in sea
cf	café		

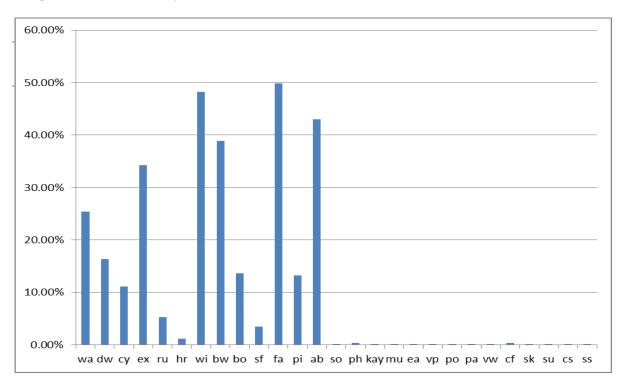


Figure 4.3i: Secondary activities

- 4.1.12 The main primary activities (Figure 4.2) given were walking and walking the dog, followed by cycling, birdwatching, enjoying wildlife, getting access to the beach, taking exercise and getting fresh air.
- 4.1.13 The range of the most popular types of secondary activities given (Figure 4.3i) broadly mirrored that of the most popular main activities, although there was a greater range. Much higher percentages of people stated that their primary activities were walking and dog walking compared to their secondary activities. There were high percentages of those stating a secondary interest in getting some fresh air, enjoying wildlife, accessing the beach, bird watching, taking exercise, walking, walking the dog, botanising and picknicking.
- 4.1.14 Figures 4.3ii and 4.3iii below show the pattern of primary activity at Kenton Hills and Sizewell Beach. There was a narrower range of primary activities at Kenton Hills compared to Sizewell Beach, but both were dominated by dog walking and walking.

Figure 4.3ii Primary activities at Kenton Hills

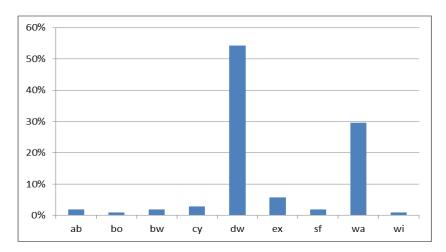
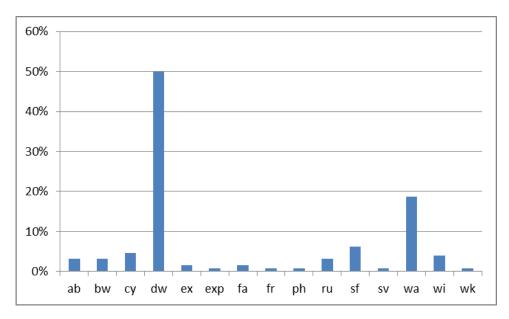


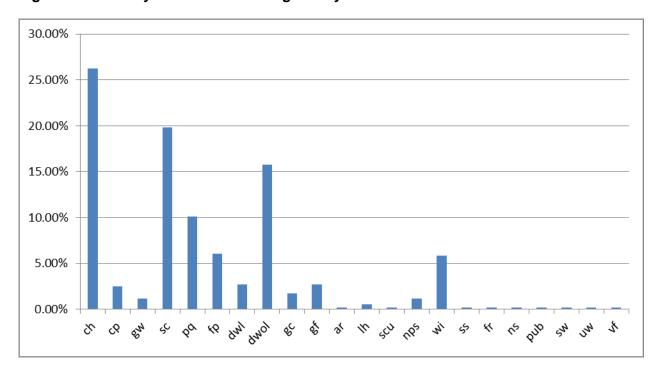
Figure 4.3iii Primary activities at Sizewell Beach



Q3: What are your main reasons for visiting this place in particular, rather than other local areas?

4.1.15 The main reasons people gave as to why they were visiting the survey locations (Figure 4.4) were because they were close to home (26%), the scenery (20%), they could let the dog off the lead (16%), the peace and quiet (10%), enjoying wildlife (6%) and there was good access to the footpath network (6%). The secondary reasons for visiting these places (Figure 4.5i) were similar but more varied (than the primary reasons) with an emphasis on the peace and quiet (57%), enjoying wildlife (54%), access to the footpath network (46%), scenery (40%), ease of access to and from car parks (35%), closeness to home (28%) and places to let the dog off the lead (26%).

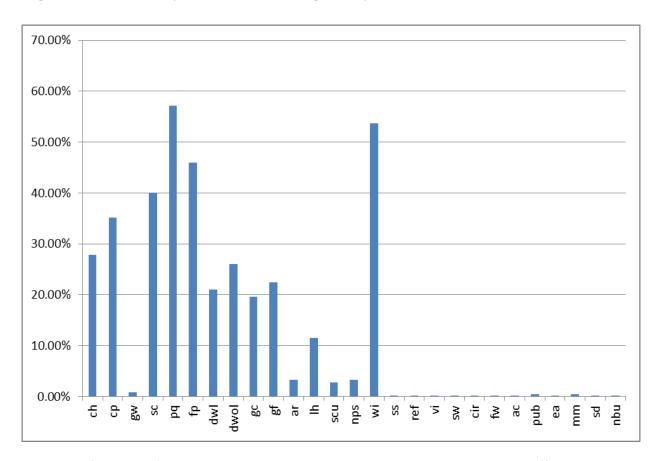
Figure 4.4: Primary reasons for visiting survey locations



Key for Figures 4.4 and 4.5i

ch	close to home	ar	archaeology
ср	easy access to car parks	lh	local history
gw	going to work	scu	short cut
sc	scenery	nps	to see Nuclear Power Sation
pq	peace & quiet	wi	enjoying wildlife
fp	good access to footpath network	ref	refreshments
dwl	dog friendly – on lead	pub	pub
dwol	dog friendly – off lead	vi	visiting
gc	good for children	sw	swim
gf	good for families	fw	favourite walk
ns	no sea	ac	accommodation
SS	seaside	ea	enjoy area
fr	fungi recording	mm	memories
uw	unique walk	sd	safe for dogs
vf	visiting friends	nbu	not built up
cir	circular walk		

Figure 4.5i: Secondary reasons for visiting survey locations



4.1.16 The significance of having access to places where the dog can be let off the lead is evident from the analyses on primary reasons for visiting in the Kenton Hills and Sizewell Beach sub-samples (Figures 4.5ii and 4.5iii).

Figure 4.5ii Primary reason for visiting Kenton Hills

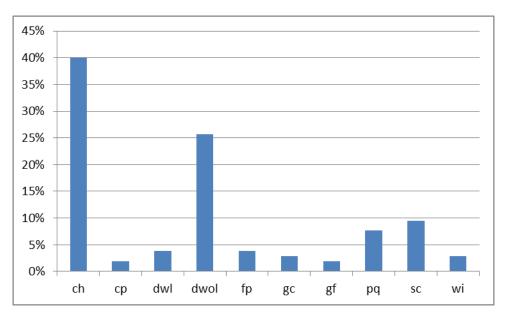
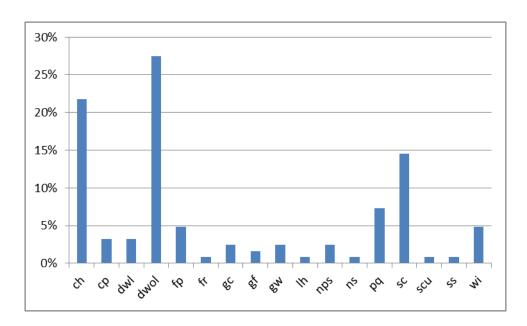


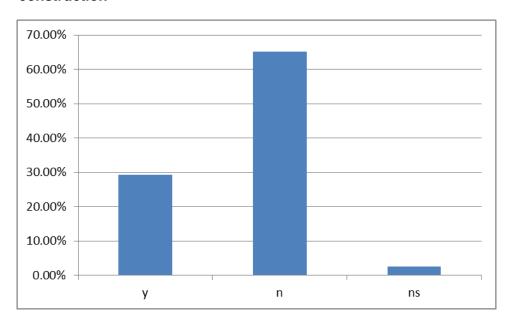
Figure 4.5iii Primary reason for visiting Sizewell Beach



Q4a: Would you stop using the area around Sizewell C during the construction of the Nuclear Power Station?

4.1.17 Some 65% of the 514 respondents said that they would not stop using the area around Sizewell C during construction, 29% said they would and 2.5% said they were not sure (Figure 4.6).

Figure 4.6: Whether respondents would stop using the area around Sizewell C during construction



4.1.18 Fewer local people living within 8km would be displaced (27%) than holiday makers (35%) as shown in Table 11. Some 51% (locals within 8km) gave dog walking as their primary activity, but only 21% or less of those within visitor type categories from further afield gave dog walking as their primary activity. Of the 69 (27%) of local people living within 8km who would be displaced (Table 11), 34 (49%) gave their primary activity as dog walking (Table 12). Of the 36 (35%) of holiday makers who

- would be displaced (Table 11), 3 (8%) gave their primary activity as dog walking (Table 12).
- 4.1.19 The main reasons people gave as to why they would be displaced were not wanting to experience the noise, disruption and traffic impacts of the construction site, the expectation that they and their children and dogs would be less safe in the area, loss of access to footpaths and damage to the landscape. A number (eight in total) were resistant to being displaced because the areas they used were close to home and they could not remember being disturbed too much by the construction of Sizewell B.
- 4.1.20 The highest number of dog walkers were locals from within 8kms (Table 12) and on average for all types of visitor 26% of dog walkers would be displaced.

Table 11: Response of visitor types to displacement issue

Visitor type	n all respondents	% not displaced	% displaced	% not sure	% no response
Local within 8km	254	68%	27%	4%	2%
Local beyond 8km	125	67%	29%	2%	2%
Holiday makers	127	59%	35%	1%	6%
Home postcode not given	8	38%	38%	0%	25%
Totals & averages	514	65%	29%	3%	3%

Please read percentages in columns 3-6 horizontally.

Table 12: Displacement of dog walkers

Visitor type	n all respondents	Number of people 1° activity dog walking	% dog walkers	n displaced	% displaced*
Local within 8km	254	129	51%	34	26%
Local beyond 8km	125	26	21%	7	27%
Holiday maker	127	15	12%	3	20%
Home postcode not given	8	4	50%	1	25%
Totals	514	174		45	26%

- 4.1.21 At Q1 above it is identified that 23% of respondents had travelled from homes or holiday accommodation outside the study area. Table 13 provides analysis of this group of respondents from outside the study area and shows that:
 - 107 (91.7%) of those from beyond the study area came from home
 - Three (2.5%) came from holiday accommodation
 - 30 (28%) of residents from beyond the study area said they would be displaced
 - Only two holiday makers from beyond the study area said that they would be displaced

 Only three people whose primary activity was dog walking said that they would be displaced and none of those were holiday makers

Table 13: Analysis of the 23% of people from holiday accommodation and, for all other respondents, who live outside the study area

	n	1° activity dog walking	%	n who would be displaced	%	1° activity dog walking + displaced	%
Residential locations of people beyond the study area who were not on holiday	107	17	16%	30	28%	1	1%
Holiday makers with accommodation addresses beyond the study area	3	0	0%	2	67%	0	0%
Unattributable	8	4	50%	3	38%	2	25%
Totals	118	21		35		3	

Q4b: If you would prefer to avoid the paths around the construction site:

i) Which other areas are you likely to visit instead (and why)? - all respondents

- 4.1.22 A total of 59 different sites were cited by *all* respondents to which they *might* deflect if they wish to avoid the construction zone area. Of these the most frequently mentioned (by 10 respondents or more) were:
 - Thorpeness (Common & Beach)
 - Dunwich/Beach
 - Minsmere
 - Aldeburgh
 - Sizewell Beach
 - Dunwich Heath
- 4.1.23 For the subsample of the 151 (29%) respondents who said they would be displaced, a total of 40 different places were cited (by 95 of these respondents 56 not giving locations) as the alternative areas they would be most likely to visit if they wished to avoid the construction zone (Table 14). For this group of 151 respondents (and those from Ipswich and Felixstowe home postcodes) many (represented by 45% of all mentions) would deflect to Thorpeness, Minsmere, Dunwich/Beach, Aldeburgh, Dunwich Heath and Sizewell Beach locations still in the immediate vicinity of the Indicative Main Development Site and within the Displacement Zone. Of the 95 who gave locations 53 were locals within 8km Displacement Zone, 20 were locals from beyond the 8km Displacement Zone at postcodes within East Anglia, 19 were holiday makers and 3 were fron unknown postcodes.
- 4.1.24 96% (174 out of 182) of the locations those who would be displaced would go to lie within the study area and only 4% (8 out of 182) of the locations lie outside the study area.

Table 14: Alternative areas those who would be displaced would be likely to visit instead

	All who would be displaced	Those surveyed at Kenton Hills	Those surveyed at Sizewell Beach	Those with Ipswich & Felixstowe home postcodes	Within or near to an SPA and/or SAC
Total respondents	151	35	22	19	
Aldeburgh	15	3	1		SPA/SAC b,c,d
Aldringham Walks	3	2	1		SPA ^b
Butley	1				SPA/SAC b,c,d
Carlton Park	1	1			no
Cley Marshes	1				SPA/SAC ^e
Dunwich Forest	4	2			SPA/SAC ^a
Dunwich/Beach	16	8	1	1	SPA/SAC ^a
Dunwich Heath	12	4	1	1	SPA/SAC ^a
Eastbridge	8	3	4		SPA/SAC ^a
Fritton	1				no
Golf Course	2		1		no
Greenwood	1				no
Iken	3				SPA/SAC b,c,d
Kessingland	1	1			SPA/SAC ^e
Knodishall	1				no
Leighton Moss	1				SPA/SAC ^e
Leiston Common	1	1			SPA/SAC a,b
Lowestoft	1				SPA/SAC ^e
Middleton	1				no
Minsmere	19	5	2	1	SPA/SAC ^a
North Warren Nature Reserve	3	1	1		SPA ^b
Orford	4	1			SPA/SAC c,d
Pound Farm	2	1			no
Rendlesham	4	1			SPA ^b
Sailors Path	2		1		SPA/SAC b,c,d
Sandlings Walk	3				SPA ^b
Saxmundham	1				no
Shingle Street	1				SAC ^e
Sizewell Beach	10	5	1	1	SPA/SAC a,b
Sizewell Belts	1				SPA/SAC a,b
Snape	5	1			SPA/SAC b,c,d
Southwold	9		1		SPA/SAC ^a
Theberton	1		1		no
Thetford	1				SPA/SAC ^e
Thorpeness	20	4	4		SPA ^b

	All who would be displaced	Those surveyed at Kenton Hills	Those surveyed at Sizewell Beach	Those with Ipswich & Felixstowe home postcodes	Within or near to an SPA and/or SAC
Tunstall Forest	7	4	1		SPA ^b
Walberswick	6	3	1		SPA/SAC ^a
Westleton	7	2		1	SPA/SAC ^a
Westwood Marshes	1				SPA/SAC ^a
Woodbridge	1				SPA ^e
Total responses	182	52	22	5	

- Within or near Minsmere to Walberswick SPA/SAC
- b Within or near Sandlings SPA
- c Within or near Alde-Ore Estuary SPA
- d Within or near Alde-Ore and Butley Estuaries SAC
- e Within or near SPA or SAC but outside the study area
- 4.1.25 The distribution of these 40 displacement locations is shown on Figure 05A. It can be seen that the majority of people who might be displaced said that they would go to locations within the study area (with 24 locations falling in the Displacement Zone, eight in the Buffer Zone and eight beyond). Six people (4% of the 151 respondents and 6% of the 95 displacees who gave locations) gave eight locations outside the study area, supporting the study area set out in Section 2. The eight sites beyond the study area (4% of all location mentions) were Cley Marshes, Fritton, Kessingland, Leighton Moss, Lowestoft, Shingle Street, Thetford and Woodbridge and are shown on Figure 05B.
- 4.1.26 It is noted that some respondents gave locations that would also potentially be subject to construction disturbance (e.g. five people at Kenton Hills said that they would go to Sizewell Beach) and there is therefore potential for them to go to a third choice location instead. It is also noted that one person at Sizewell Beach stated that they would be displaced to Sizewell Beach; this might be because they would walk south along the beach away from the construction site rather than northwards where disturbance would be greater.
- 4.1.27 Of the 35 people who responded to this question at Kenton Hills, 19 displacement locations were given with five responses or more given for Dunwich/Beach, Minsmere and Sizewell Beach. Of the 22 people who responded to this question at Sizewell Beach, 15 displacement locations were given with fewer than five responses for each location. All displacement locations stated by respondents at Kenton Hills and Sizewell Beach were within the study area.
- 4.1.28 The main reasons people gave as to why they would use these alternative places were because they were considered a similar landscape/scenery to that they would wish to avoid, peace and quiet/no noise, good for the dog, good paths/for walking and close to home (Table 15).

Table 15: Reasons for using alternative areas for those who would be displaced

Reasons for using alternative areas	Number of responses
Total respondents who would displace	151
Similar landscape/scenery	20
Peace and quiet/no noise	18
Good for the dog	13
Good paths/for walking	12
Close to home/nearby	10
Birdwatching/wildlife	8
Access to beach/sea	6
No construction/works/disturbance	4
Clear access	4
Good/safer for children	3
Less traffic/avoid traffic	3
A safe distance away from the construction	1
Other	5
Total	107

4.1.29 The distribution of displacement locations for people surveyed at Kenton Hills and Sizewell Beach is shown on Figures 05B and 05C. They all lie within the study area. Of the 35 people who responded to this question at Kenton Hills, 20 displacement locations were given with five responses or more given for Dunwich/Beach, Minsmere and Sizewell Beach. Of the 22 people who responded to this question at Sizewell Beach, 15 displacement locations were given with fewer than five responses for each location. The displacement locations given by the 3 people surveyed on Bridleway 19 who would be displaced were Aldeburgh, Minsmere, Orford and Walberswick.

i) Which other areas are you likely to visit instead (and why)? - dog walkers

4.1.30 The alternative areas dog walkers would be displaced to are shown in Table 16 and Figures 06A, 06B and 06C. These were primarily to Sizewell Beach (an area that would itself be disturbed by construction works), Thorpeness, Eastbridge, Dunwich/Beach and Aldeburgh from amongst a total of 40 different places mentioned. Only one location outside the study area was given (Lowestoft).

Table 16: Alternative areas displaced dog walkers would be likely to visit instead

	n all who would be displaced	n all displaced dog walkers	Kenton Hills displaced dog walkers	Sizewell Beach displaced dog walkers	Within or near to SPA and/or SAC
Total respondents	151	46	21	9	
Aldeburgh	15	5	3	2	SPA/SAC b,c,d
Aldringham Walks	3	3	2		SPA ^b
Butley	1	1			SPA/SAC b,c,d
Carlton Park	1				no
Cley Marshes	1				SPA/SAC ^e
Dunwich Forest	4	2	2		SPA/SAC a
Dunwich/Beach	16	5	2	-	SPA/SAC ^a
Dunwich Heath	12	3	2	1	SPA/SAC ^a
Eastbridge	8	6	2	1	SPA/SAC a
Fritton	1				no
Golf Course	2	1		1	no
Greenwood	1	1			no
Iken	3	1			SPA/SAC b,c,d
Kessingland	1				SPA/SAC ^e
Knodishall	1				no
Leighton Moss	1				SPA/SAC ^e
Leiston Common	1	1	1		SPA/SAC a,b
Lowestoft	1	1			SPA/SAC ^e
Middleton	1				no
Minsmere	19	3	1	2	SPA/SAC a
North Warren Nature Reserve	3	2	1		SPA ^b
Orford	4	1			SPA/SAC c,d
Pound Farm	2	1			no
Rendlesham	4				SPA ^b
Sailors Path	2				SPA/SAC b,c,d
Sandlings Walk	3	1			SPA ^b
Saxmundham	1				no
Shingle Street	1				SPA/SAC ^e
Sizewell Beach	10	8	6	1	SPA/SAC a,b
Sizewell Belts	1	1			SPA/SAC a,b
Snape	5	1	1		SPA/SAC b,c,d
Southwold	9	2			SPA/SAC ^a
Theberton	1				no
Thetford	1				SPA/SAC ^e
Thorpeness	20	8	3	5	SPA ^b
Tunstall Forest	7	3	3		SPA ^b

	n all who would be displaced	n all displaced dog walkers	Kenton Hills displaced dog walkers	Sizewell Beach displaced dog walkers	Within or near to SPA and/or SAC
Walberswick	6	1	1		SPA/SAC ^a
Westleton	7	1	1		SPA/SAC ^a
Westwood Marshes	1				SPA/SAC ^a
Woodbridge	1				SPA ^e
Total responses	182	60	31	13	

- a Within or near Minsmere to Walberswick SPA/SAC
- b Within or near Sandlings SPA
- c Within or near Alde-Ore Estuary SPA
- d Within or near Alde-Ore and Butley Estuaries SAC
- e Within or near SPA or SAC but outside the study area
- 4.1.31 Table 16 also shows the displacement locations given by dog walkers surveyed at Kenton Hills and Sizewell Beach; this is shown in plan form on Figures 06B and 06C. All locations lie within the study area. Of the 21 dog walkers who responded to this question at Kenton Hills, 15 displacement locations were given with the greatest number of responses (six) given for Sizewell Beach. Of the nine dog walkers who responded to this question at Sizewell Beach, seven displacement locations were given with the greatest number of responses (five) given for Thorpeness.
- 4.1.32 Of the six people who stated displacement sites beyond the study area:
 - three were holiday makers:
 - of the others two came from Norwich and one from Diss i.e. residential postcodes beyond study area; and
 - only 1 was a dog walker and the rest were either walking, cycling or bird watching as their primary activity.

ii) How far would you be prepared to travel to alternative areas?

iii) How would you get there?

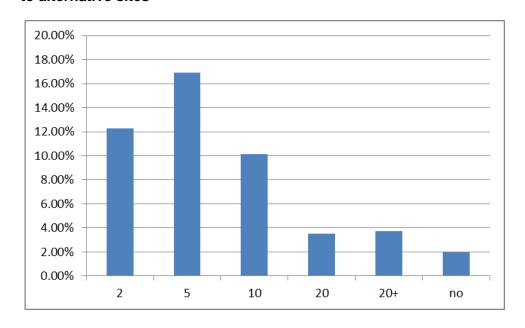
- 4.1.33 Figure 4.7 shows the distances that people would be prepared to travel to alternative sites. Of the 29% (151 respondents) who indicated they would want to avoid the paths around the construction zone, some 60.2% would be prepared to travel less than 2 miles and up to 5 miles (i.e. 60.2% would travel up to 8km) to an alternative site, and 35.7% further up to a maximum of approximately 300 miles from Sizewell (Leighton Moss RSPB reserve in Lancashire). Specific numbers were:
 - 63 stated they would be prepared to travel less than 2 miles
 - 64 stated that they would be prepared to travel up to 5 miles (8km) to an alternative site:

- 24 stated that they would be prepared to travel up to 10 miles (16km) to an alternative site; and
- 21 stated that they would be prepared to travel further than 10 miles to an alternative site.

Of the rest a few answered nowhere but the majority were no responses.

4.1.34 Figure 4.8 shows that the majority stated that they would travel to alternative sites by driving, some on foot or by cycle but very few by public transport or by sharing a lift. Among the locations cited by those willing to travel the furthest included well known bird reserves (Cley Marshes on the Norfolk coast and Leighton Moss in Lancashire (shown as 38 and 39 on Figure 05B)). The distances people said that they would be prepared to travel to alternative sites shown on Figure 4.7 below were generally greater than the distances to alternative named locations given in response to Q4bi (which other areas are you likely to visit instead?) and shown in plan form on Figures 05A and 05B. It is therefore reasonable to attach greater weight to the places people cited rather than the distances they said that they were prepared to travel. Of the 20% of all respondents who had walked to the locations there were a number who were non drivers.

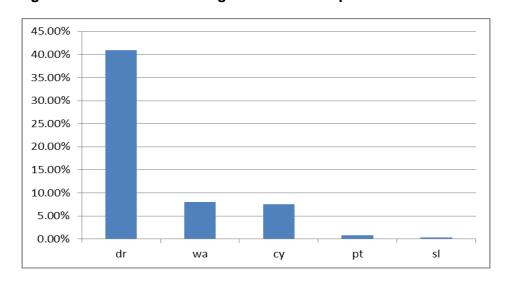
Figure 4.7: Distance in miles those likely to be displaced would be prepared to travel to alternative sites



Kev

2 less than 2 miles
5 up to 5 miles
10 up to 10 miles
20 up to 20 miles
20+ more than 20 miles
no nowhere

Figure 4.8: Mode of travel to get to alternative places



Key

dr drive
wa walk
cy cycle
pt public transport
sl share lift

Q5: If you have a dog, where else do you feel able to walk your dog off its lead?

- 4.1.35 From the observation survey 35% of users were recorded as in the presence of a dog. From the questionnaire survey just under half the respondents answered the question about how often they walked their dog off its lead (discussed at Q5b below). A total of 64 locations (Table 17 and Figure 07A) (70% within the study area) were cited as good places to let the dog off its lead of which the most frequently mentioned were:
 - Sizewell Beach
 - Thorpeness
 - Kenton Hills
 - Dunwich/Beach
 - Tunstall/Forest
 - Aldeburgh
 - Eastbridge
 - **Dunwich Heath**

Table 17: Locations people feel able to walk their dogs off the lead

	All respondents	Kenton Hills	Sizewell Beach	Within or near to an SPA and/or SAC
Total respondents	514	105	128	
Aldeburgh	17	7	8	SPA/SAC b,c,d
Aldringham Walks	6	2	2	SPA ^b
Aldringham Woods	1	1		SPA ^b
Benhall Heath	1		1	no
Blythburgh	1			SPA/SAC ^a
Bruisyard	1		1	no
Bucklesham Fields	1			no
Carlton Park	3	1	2	no
Coastal path	4		3	SPA/SAC a,b,c,d
Coastguard Cottages	1			SPA/SAC ^a
Cookley	1			no
Covehithe	1			SPA/SAC ^e
Dingle Marsh	1		1	SPA/SAC ^a
Dunwich Forest	11	5	3	SPA/SAC ^a
Dunwich/Beach	22	7	6	SPA/SAC ^a
Dunwich Heath	13	2	6	SPA/SAC ^a
Eastbridge	14	6	2	SPA/SAC ^a
Felixstowe	1			no
Fritton	1			no
golf course	3	3		no
Greenwood	3		2	no
Iken	3	1		SPA/SAC b,c,d
Kenton Hills	27	3	14	no

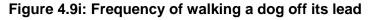
Kessingland 1 Beach SPA and/or SAC Kessingland 1 SPA/SAC ^a Knodishall 3 2 no Leiston 3 1 no Leiston Abbey 1 1 no Leiston Common 5 3 SPA/SAC ^a .b Local area / locally 11 2 1 Precise location Local orea / locally 11 2 1 Precise location Local to home 7 2 Precise location Lowestoft 2 1 1 SPA/SAC ^a Martlesham Creek 1 1 SPA/SAC ^a Middleton 1 no No Minsmere 7 1 3 SPA/SAC ^a North Warren Nature 9 4 4 SPA ^b Nowthere 2 1 SPA/SAC ^a No Oulton Water 1 SPA/SAC ^a No No Reydon 1 SPA/SAC ^a <		All	Kenton	Sizewell	Within or near to an
Rindishall 3		respondents	Hills	Beach	
Leiston 3 1 no Leiston Abbey 1 1 no Leiston Common 5 3 SPA/SAC ab Local area / locally 11 2 1 Precise location Locat to home 7 2 Precise location Lowestoft 2 1 1 SPA/SAC e Martlesham Creek 1 1 1 SPA/SAC e Middleton 1 no no Minsmere 7 1 3 SPA/SAC a North Warren Nature 9 4 4 SPA b North Warren Nature 9 4 4 SPA/SAC a Nowhere 2 no no Orford 2 1 SPA/SAC e.d Oulton Water 1 SPA/SAC e.d Pound Farm 3 2 no Rendlesham 9 6 SPA/SAC g. Reydon 1 SPA/SAC g. Reydon 1	Kessingland	1			SPA/SAC ^e
Leiston Abbey 1 1 no Leiston Common 5 3 SPA/SAC a.b Local area / locally 11 2 1 Precise location Local to home 7 2 Precise location Lowestoft 2 1 1 SPA/SAC e Martlesham Creek 1 1 SPA h Middleton 1 no no Minsmere 7 1 3 SPA/SAC a North Warren Nature 9 4 4 SPA b North Warren Nature 9 4 4 SP	Knodishall	3		2	no
Leiston Common 5 3 SPA/SAC a,b Local area / locally 11 2 1 Precise location Local to home 7 2 Precise location Lowestoft 2 1 1 SPA/SAC e Martlesham Creek 1 1 SPA h Middleton 1 no Middleton Minsmere 7 1 3 SPA/SAC a North Warren Nature Reserve 9 4 4 SPA/SAC a Nowhere 2 1 SPA/SAC c,d O Orford 2 1 SPA/SAC c,d O O O Orford 2 1 SPA/SAC c,d O O O Orford 2 1 SPA/SAC c,d O O O O O O O O O O O O O O O O SPA/SAC e O O O O SPA/SAC f O SPA/SAC f SPA/	Leiston	3	1		no
Local area / locally	Leiston Abbey	1	1		no
Local to home	Leiston Common	5	3		SPA/SAC ^{a,b}
Lowestoft 2 1 1 SPA/SAC e Martlesham Creek 1 1 SPA h Middleton 1 no no Minsmere 7 1 3 SPA/SAC a North Warren Nature Reserve 9 4 4 SPA/SAC a Nowhere 2 no no Orford 2 1 SPA/SAC c.d Oulton Water 1 SPA/SAC e Pound Farm 3 2 no Rendlesham 9 6 SPA/SAC e Pound Farm 3 2 no Reydon 1 SPA/SAC e no Reydon 1 SPA/SAC e no Reydon 1 SPA/SAC e no Sailors Path 2 2 SPA/SAC e sc.d Reydon 1 1 SPA/SAC e sc.d Samundham 6 3 3 no Sizewell Beach 61 <td< td=""><td>Local area / locally</td><td>11</td><td>2</td><td>1</td><td>Precise location</td></td<>	Local area / locally	11	2	1	Precise location
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North Warren Nature Reserve 9 4 4 SPA b Nowhere 2 no no Orford 2 1 SPA/SAC c.d Oulton Water 1 SPA/SAC e Pound Farm 9 6 SPA, SAC f Pound Farm 9 6 SPA, SAC f Rendlesham 9 6 SPA, SAC f Pound Farm 10 No Rendlesham 9 6 SPA, SAC f Pound Farm 10 No Rendlesham 9 6 SPA/SAC g Pound Farm 10 No	Middleton	1			no
Reserve 9 4 4 Nowhere 2 no Orford 2 1 SPA/SAC c,d Oulton Water 1 SPA/SAC e Pound Farm 3 2 no Rendlesham 9 6 SPA,b,SAC f Reydon 1 SPA/SAC g Rushmere Heath 1 no Sailors Path 2 2 SPA/SAC g,cd Sandlings Walk 3 2 SPA/SAC b,c,d Saxmundham 6 3 3 no Sizewell Beach 61 36 12 SPA/SAC a,b Sizewell Beach North 1 1 SPA/SAC a,c Sizewell Beach North 1 1 SPA/SAC a,c	Minsmere	7	1	3	SPA/SAC ^a
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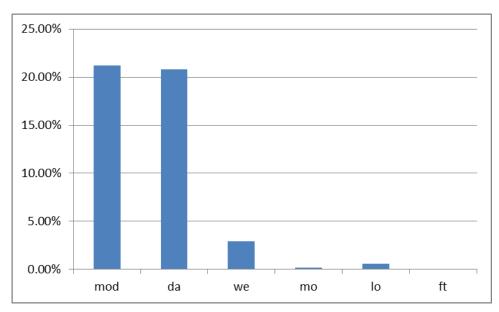
	All respondents	Kenton Hills	Sizewell Beach	Within or near to an SPA and/or SAC
Worlingham	1			SPA/SAC ^e
Total responses	373	127	116	

- a Within or near Minsmere to Walberswick SPA/SAC
- b Within or near Sandlings SPA
- c Within or near Alde-Ore Estuary SPA
- d Within or near Alde-Ore and Butley Estuaries SAC
- e Within or near SPA or SAC but outside the study area
- f Staverton Park and The Thicks, Wantisden SAC
- Benacre to Easton Bavents Lagoons SAC, Minsmere to Walberswick Heaths & Marshes SAC, Benacre to Easton Bavents, Minsmere-Walberswick SPA
- b Deben Estuary SPA
- 4.1.36 Table 17 also shows the locations given by people surveyed at Kenton Hills and Sizewell Beach who said they feel able to dogs off the lead. These locations are shown in plan form on Figures 07B and 07C. The Kenton Hills dog walkers favoured Sizewell Beach, Dunwich/Beach, Aldeburgh and Thorpeness. The Sizewell Beach dog walkers favoured Kenton Hills, Thorpeness, Aldeburgh, Dunwich/Beach and Dunwich Heath.
- 4.1.37 The wide range of locations stated indicate that dog walkers know the area well.

Q5b How often do you walk your dog off its lead?

Just over 21% of those who responded to Q5b said more than once a day and another 21% said once a day (Figure 4.9i).





r	(9)	/	

nr

mod more than once a day

no response

da daily
we weekly
mo monthly
lo less often
ft first time

4.1.38 The frequency of walking dogs off the lead is shown in Figures 4.9ii and 4.9iii for Kenton Hills and Sizewell Beach sub-samples with the majority walking their dogs more than once a day (35% and 27% respectively) or daily (30% and 23% respectively).

Figure 4.9ii: Frequency of walking dog off lead at Kenton Hills

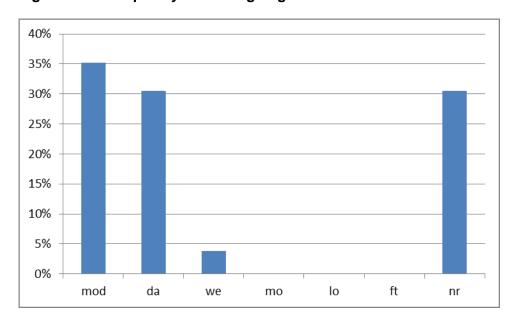
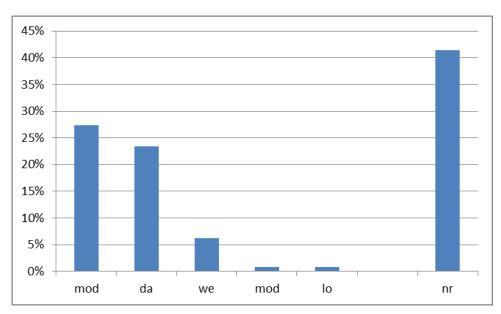


Figure 4.9iii: Frequency of walking dog off lead at Sizewell Beach



Q6: What route are you taking today?

4.1.39 54 different starting points for their walking / running / cycling / riding route on the day they were surveyed, were cited (Table 18). The most frequently mentioned starting points reflected the survey locations but also included Aldeburgh, Thorpeness, Leiston and the Eels Foot Inn in Eastbridge. These findings indicate the diffuseness of the use of recreational resources across the area.

Table 18: Route being taken on day of survey

Aldeburgh 26 28 4 Aldringham Walks 1 1 0 Beach 0 1 2 Beach View Holiday Park 1 0 2 Blaxhall 2 0 0 Brandeston 1 0 0 Butley 0 2 0 Cambridge 1 0 0 Capel St Mary 1 0 0 Car park 2 0 0 Chedgrave, Norfolk 1 1 0 Chelmsford 1 0 0 Christian Centre 0 0 1 Circular walk 1 1 41 Cliff House 2 1 0 Coastal Path 9 1 11
Beach 0 1 2 Beach View Holiday Park 1 0 2 Blaxhall 2 0 0 Brandeston 1 0 0 Butley 0 2 0 Cambridge 1 0 0 Capel St Mary 1 0 0 Car park 2 0 0 Chedgrave, Norfolk 1 1 0 Chelmsford 1 0 0 Christian Centre 0 0 1 Circular walk 1 1 41 Cliff House 2 1 0
Beach View Holiday Park 1 0 2 Blaxhall 2 0 0 Brandeston 1 0 0 Butley 0 2 0 Cambridge 1 0 0 Capel St Mary 1 0 0 Car park 2 0 0 Chedgrave, Norfolk 1 1 0 Chelmsford 1 0 0 Christian Centre 0 0 1 Circular walk 1 1 41 Cliff House 2 1 0
Blaxhall 2 0 0 Brandeston 1 0 0 Butley 0 2 0 Cambridge 1 0 0 Capel St Mary 1 0 0 Car park 2 0 0 Chedgrave, Norfolk 1 1 0 Chelmsford 1 0 0 Christian Centre 0 0 1 Circular walk 1 1 41 Cliff House 2 1 0
Brandeston 1 0 0 Butley 0 2 0 Cambridge 1 0 0 Capel St Mary 1 0 0 Car park 2 0 0 Chedgrave, Norfolk 1 1 0 Chelmsford 1 0 0 Christian Centre 0 0 1 Circular walk 1 1 41 Cliff House 2 1 0
Butley 0 2 0 Cambridge 1 0 0 Capel St Mary 1 0 0 Car park 2 0 0 Chedgrave, Norfolk 1 1 0 Chelmsford 1 0 0 Christian Centre 0 0 1 Circular walk 1 1 41 Cliff House 2 1 0
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Chelmsford 1 0 0 Christian Centre 0 0 1 Circular walk 1 1 41 Cliff House 2 1 0
Christian Centre 0 0 1 Circular walk 1 1 41 Cliff House 2 1 0
Circular walk 1 1 41 Cliff House 2 1 0
Cliff House 2 1 0
Coastal Path 9 1 11
· · · · · · · · · · · · · · · · · · ·
Coastguard Cottages 5 5 1
Dunwich 8 13 4
Dunwich Heath 39 40 11
East Hill 0 0 1
Eastbridge 24 16 21
Eels Foot Inn 13 13 6
Faulkness Beach 0 0 1
Golf Course 1 1 8
Goose Hill 0 1 3
Halesworth 1 1 0
Halfway House 1 1 0
Harling Way 1 1 0
Heathland Gorse Walk 0 1 0
Home 7 6 0
Huggshall 1 0 0
Kenton Hills 73 68 6
Kenton Hills circular route 0 0 13
Kenton Woods 3 3 0
Leiston 15 8 4
Leiston Abbey 0 0 2
Leiston Common 1 1 0
Menham 1 1 0
Minsmere 11 21 49

Location	start	finish	via
Minsmere circular walk	0	0	1
North Warren Nature Reserve	4	4	14
Paths	0	0	1
Permissive Path	2	1	0
Police Point	1	1	0
Power station	0	0	6
RSPB	2	2	0
Sandlings Walk	3	4	7
Saxmundham	4	2	0
Silver Birch	1	0	0
Sizewell Beach	121	115	28
Sizewell Beach cafe	4	5	0
Sizewell Beach Car Park	3	4	1
Sizewell Beach north	0	1	11
Sizewell Belt	1	0	1
Sizewell Gaps	1	1	0
Snape	1	1	0
Southwold	2	5	0
Tangham Forest	1	0	0
The Follies Cottage	1	1	0
Thorpeness	28	20	19
Thurston	1	1	0
Various	4	0	4
Victoria Road	1	1	0
Vulcan Arms Sizewell	1	1	0
Walberswick	1	2	0
Westleton	4	4	3
Yellow Route	1	0	0
Yoxford	0	1	0

Note – some distant locatons were mentioned, such as Cambridge, indicating that a small number of respondents may have recorded where they travelled from that day instead of where they started their walking, running, cycling or riding route.

Q6b: How did you get to the start of your route?

4.1.40 Of all respondents, 73% had driven from home or their holiday accommodation to get to the start of their route and the rest had walked (19%) or cycled (4%), as shown in Table 19. Table 19: Getting to the start of their route

	n	%
walked from home/tourist accommodation	96	19%
drove	376	73%
cycled	21	4%
public transport	1	0%
motor bike	1	0%

Q6c: How long will your visit be?

4.1.41 Most visits were for an hour or more.

Table 20: Length of visit

	n	%
less than 30 mins	21	8%
up to 1 hour	64	29%
up to 2 hours	69	25%
more than 2 hours	91	31%

Q7: How often do you use this route?

4.1.42 The majority of dog walkers used their routes more than once a day, daily or weekly; the majority of walkers, wildlife watchers and cyclists used their routes weekly, monthly or less often (Table 21). Some 81% of all types of visitors used the area frequently (weekly or more often).

Table 21: Frequency of route usage (number of responses)

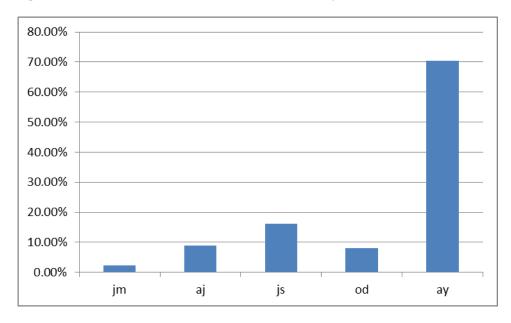
	Walking	Dog Walking	Cycling	Horse Riding	Running	Wildlife
more than once a day	15	36	1	0	0	6
daily	38	85	10	1	5	29
weekly	66	78	24	2	7	21
monthly	54	14	15	1	5	21
less often	91	19	21	1	7	35
first time	39	10	7	1	1	10

Q7b: At what times of year do you use this route?

4.1.43 Some 70% of all respondents stated they visited their routes all year round and the rest mainly between April and September (Figure 4.10).

Holiday makers use the resources all year round with an increase during the July to September period compared to the winter period. Locals mainly visit all year round (Table 22).

Figure 4.10: Variation in route use across the year



Key

jm Jan/Feb/Maraj Apr/May/Junjs Jul/Aug/Sepod Oct/Nov/Decay all year round

Table 22: Variation in use of routes across the year by locals and holiday makers

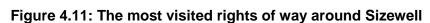
	Locals within 8km	% Locals	Holiday makers	% Holiday makers
Jan - Mar	5	2%	5	4%
Apr-Jun	12	5%	16	13%
Jul-Sept	12	5%	49	39%
Oct-Dec	3	1%	29	23%
All year	229	90%	44	35%
No response	7	3%	13	10%
Total responses	268		156	
Total respondents	254	*106%	127	*123%

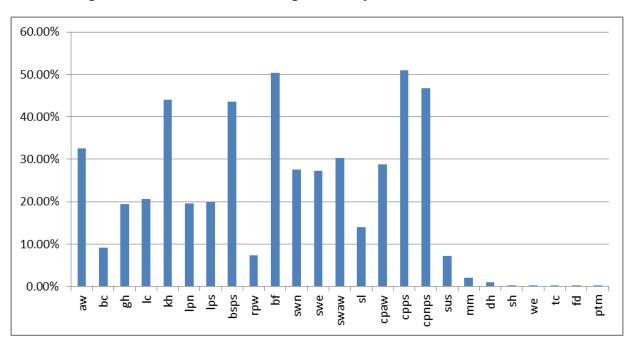
Respondents = the number of questionnaires completed. Responses = the number of answers given (one respondent might give more than one response).

^{*}Percentages add up to more than 100% as some respondents ticked more than one answer box.

Q8: If you visit Sizewell, which rights of way/locations around Sizewell do you visit most? (please refer to Figure 1)

- 4.1.44 The *Figure 1* referred to above was attached to the questionnaire and is included in Appendix A.
- 4.1.45 Some 25 different recreational resources around Sizewell were given as the most frequently visited (Figure 4.11). The most frequently mentioned (by at least 20% of all respondents) were the Beach footpaths, the Coast Path beside the power station, the Kenton Hills and the Beach to the south of the power station.





Key		swe	Sandlings Walk East-West
aw	Aldringham Walks	swaw	Sandlings Walk Aldringham Walks
bc	Broom Covert	sl	Sandy Lane
gh	Goose Hill	cpaw	Suffolk Coast Path (Aldringham Walks)
lc	Leiston Common	cpps	Suffolk Coast Path (beside power sation)
kh	Kenton Hills	cpnps	Suffolk Coast Path (north of power station)
lan	Leiston Abbey paths north	sus	Sustrans Route
las	Leiston Abbey paths south	tc	Tunstall/Chilesford
bsps	Beach south of power station	fd	First day here
rpw	Reckham Pits Wood	ptm	Paths towards Minsmere
bf	Beach footpaths	dh	Dunwich Heath
swn	Sandlings Walk north	sh	Sutton Heath
we	Westleton	mm	Minsmere

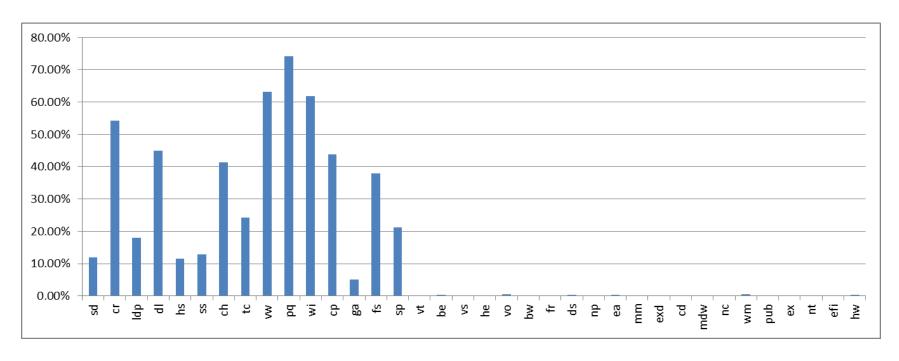
4.1.46 The distribution of these locations and circles of sizes representing the numbers at each location can be seen on Figure 08. These results illustrate the relative

popularity of coastal locations at the beach footpaths, Suffolk Coast Path (beside power station), the beach south of the power station and the Suffolk Coast Path north of the power station, and of the inland locations at Kenton Hills and Aldringham Walks. It should be noted that there is an entrance charge at the core part of the RSPB Minsmere bird reserve, car parking charges apply at Dunwch Heath for non-National Trust Members and dogs are either prohibited from core areas or must at least be kept on the lead during the bird breeding season at these two sites; all of which may account for the low numbers citing these two sites. However, it should also be noted that it is possible to visit these sites without using paid car parks or entry points.

Q9: What is it about these routes that encourages you to use them?

4.1.47 Respondents were drawn to these places and routes around Sizewell mainly because of the peace and quiet, views, wildlife, link into circular routes, good for dogs off the lead, proximity to home, car park provided and feelings of safety (Figure 4.12).





Key	1						
sd	to reach a specific destination	pq	peace & quiet	he	heritage	cd	clean and dry
cr	circular routes	wi	Wildlife	VO	view of ocean	mdw	meet dog walkers
ldp	part of long distance path	ср	car park provided	bw	bird watching	nc	no charge
dl	can let dog off the lead	ga	good access for buggies & less mobile	fr	fungi recording	wm	well maintained
hs	hard surface	fs	feels safe	ds	dry surface	pub	pub
SS	soft surface	sp	paths well signed/interpretation boards	np	no pheasants	ex	Exploring
ch	close to home	vt	variable terrain	ea	Enjoy area	nt	no traffic
tc	toilets/café	be	Beach	mm	memories	efi	Eels Foot Inn
VW	Views	VS	Visiting	exd	exercising the dog	hw	health walks

4.1.48 Table 23 shows that 33% of those people who cited peace and guiet as a reason for visiting recreational locations in the Sizewell area said that they would be displaced. This is slightly higher than the figure of 29% of all respondents who said that they would be displaced. Table 23 also shows that a slighty higher percetage of holiday makers (38%) stated that they would be displaced compared to the locals within 8km (30%).

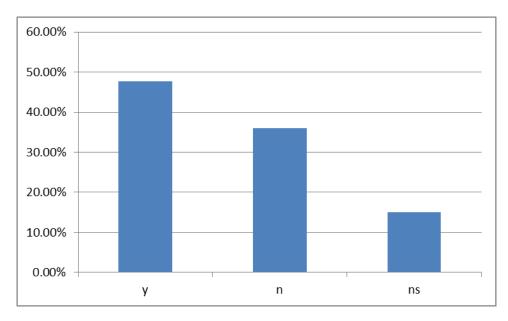
Table 23: Displacement of those valuing peace and quiet

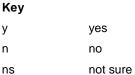
Visitor type	n people citing peace and quiet as reason for visiting Sizewell	n displaced	% displaced
Local within 8km	200	60	30%
Local beyond 8km	87	30	34%
Holiday maker	89	34	38%
Home postcode unknown	3	1	33%
Total	379	125	33%

Q10: Would you be interested in visiting a viewing platform, or visitor centre, to see and learn more about the progression of the Sizewell C Nuclear Power Station construction?

4.1.49 Some 48% of all respondents said they would be intersted in visiting a viewing platform (Figure 4.13).

Figure 4.13: Level of interest in a viewing platform





Q11: Any other comments or suggestions

- 4.1.50 A variety of other comments were made ranging from concern about the proposed development of Sizewell C to support for the development.
- 4.1.51 Of the additional comments made by respondents a number were clearly antigonistic towards the proposed development of Sizewell C for reasons including fearing a loss of access and disturbance to wildlife. Others just provided comments.

What will happen to the Barn Owls and the orchids during construction. The area is important for wildlife. Not happy the coastal path will be closed at all. Construction village is too large. Too much impact to the site. Roads cannnot take the lorries. Respondent 20

We are walking the Suffolk Coast Path in its entirety. If this was closed for building would be severely detrimental and would create lengthy diversions. Respondent 30

Our property is in the development zone and we need the Bridleway to be kept open otherwise we have no access to our home. Respondent 45

Bridleway 19 is a key link for circular walks (no alternative for north-south access). Essential to keep this path open during construction. Please ensure protection of the special flora on the dunes and beach too. Respondent 89

Bridle path 19 is a public right of way and cannot be closed. Do not close the beach, make alternative arrangements. Camp location is not good and needs to be revisited. The Marathon route runs down the Bridle path, it is a very large fund raising event. Respondent 300

Shocked how big development land is. Respondent 509

Maintain the coastal path and re-instate all rights of way after construction. Respondent 139

We understand the need for a new power station and you will have to use a lot of transport on our roads. But you don't have to put all your workers in the middle of a rural area – please spread them out. Respondent 238

I believe the building of Sizewell C will be good not only for the country but for the longterm economy of Leiston and the surrounding area. Short disruption during construction is a worthwhile price to pay. Respondent 251

Keep construction worker accommodation as near to construction site as possible to avoid traffic congestion. Respondent 264

If paths are blocked, then let people know it is only temporary & when they can be used again. Respondent 304

Sensible proposal. With a large number of workers there will need to be a lot of supervision to make sure that parking traffic etc. is not a problem. Plenty of policing, make sure crime does not increase. Respondent 386

Eels Foot Inn and accessibility to is essential. Circular routes are very important. Respondent 400

Hope there will be footpaths around the new nature reserve [Aldhurst Farm Habitat Creation Scheme] being proposed and that dog walkers will be welcome. Respondent 473

Kenton Hills need to be accessed at all times. Why not construct campus site outside sports centre area. Would be closer to Leiston facilities and boost economic retail and close to sports and cinema. Respondent 489

Questionnaire respondent profile

Gender

Male	247	48%
Female	259	50%
No response	8	2%

State

Alone	135	26%
Group	293	57%
No response	86	17%

Age group

under 20	6	1%
20 - 44	80	16%
45 - 65	282	55%
65+	136	26%
No response	10	2%

SUMMARY AND CONCLUSIONS 5.

5.1 Results and Analysis

a) Method

- 5.1.1 This is the final report of a two-phase survey (August and November 2014) of users of recreational resources in the vicinity of the proposed Sizewell C nuclear power station.
- 5.1.2 A combination of observation and questionnaire surveys were carried out at six survey locations in August and November 2014.
- 5.1.3 4,214 users were observed and 514 questionnaires were completed providing a robust evidence base for impact assessment.
- 5.1.4 This report presents the findings which will be used alongside published evidence to assess the effects of the proposed Sizewell C development on recreational displacement (and its consequential ecological effects in the context of the Habitats Regulations Assessment (HRA)) as well as on amenity and recreation in general.
- 5.1.5 The amenity and recreation, ecology, socio-economic and HRA assessments will provide detailed analysis. However, some key points drawn from this report are summarised below.
- The survey method was developed and discussed with consultees in advance of the 5.1.6 surveys taking place. The method included an agreed questionnaire. The method also included an explanatory note to verbally describe the extent and duration of the construction phase for Sizewell C, and maps to illustrate the construction area, to ensure that in answering the questions participants had an appropriate appreciation of the scale and nature of the development.
- 5.1.7 The survey results strongly indicate that the study area is appropriate:
 - 63% of interviewees came from home or holiday accommodation within the Displacement Zone, 7% between the Displacement Zone and the Buffer Zone and 23% beyond the Buffer Zone (7% did not give a location);
 - 29% of people said that they would be displaced;
 - 96% of the locations those who would be displaced would go to fell within the study area and only 4% of the locations fell outside the study area; and
 - a large number (40) of alternative sites were cited, 32 (80%) of which were in the study area (see paragraph 5.1.19).

b) Observed usage

The locations used most often were Dunwich Heath (175,934 visits pa) and Sizewell 5.1.8 Beach (195,557 visits pa) - both coastal locations. The least used survey location was Bridleway 19 (estimated at 10,171 visits pa). All the other survey locations were attracting in the region of 30,000-40,000 visits pa.

- 5.1.9 The vast majority of visitors (70%) used these locations all year round although levels of use had reduced by 23% in the November phase of the survey compared to those in August. The peak periods of use were observed to be weekend afternoons as might be expected but week day use in winter and summer appeared to be reasonably consistent (though noticeably lower in the off season at Dunwich Heath and Eastbridge-Minsmere Sluice Path). The majority visited in groups whilst a quarter visited on their own.
- 5.1.10 More than a third (35%) of all visitors were observed to be in the presence of one or more dogs with the highest numbers at, Sizewell Beach, followed by Dunwich Heath, Kenton Hills and Suffolk Coast Path intersection with Sandlings Walk. Around 50% or more of visitors were observed to be walking a dog as their primary activity at Kenton Hills, Sizewell Beach and at the Suffolk Coast Path intersection with Sandlings Walk.
- 5.1.11 Between 59% and 97% of the dogs observed in the November surveys were off the lead at all the sites except Dunwich Heath (37%). The highest numbers of dogs off the lead were observed at Sizewell Beach (18 per hour). At Suffolk Coast Path intersect with Sandlings Walk there were on average 5 dogs per hour observed off lead (representing 97% of all dogs observed at that site).
- 5.1.12 Bridleway 19 was particularly popular with cyclists but it was also the lowest used survey point. Only two horseriders were seen in the entire survey - on the beach at Dunwich Heath. At the beach locations, the numbers of under 20 year olds were relatively few and the over 65s relatively high, when compared to the typical profile of urban green space users and the general population. Over half the visitors came from the over 45 year old and older age groups.

c) Reported usage

- 5.1.13 Some 49% of the respondents to the questionnaire survey came from home locations within the 8km Displacement Zone. A further 24% came from beyond the 8km Displacement Zone from homes within East Anglia (including 4% from Ipswich and Felixstowe). The remaining 25% were holiday makers, the majority of whom (13%) were staying close to the site at Aldeburgh, Dunwich, Eastbridge, Leiston and Theberton, i.e. within the Dispacement Zone.
- 5.1.14 Some 81% of all types of visitors used the area frequently (weekly or more often). Over 70% of all respondents and 35% of the holiday makers stated that they visited their routes all year round and cited many different locations and routes they were familiar with. Visitors to the area knew and used a plethora of different recreational locations in the area.
- 5.1.15 The most popular primary activities reported were walking and walking the dog followed by cycling, birdwatching, enjoying wildlife, accessing the beach, taking exercise and getting fresh air. The dog walkers cited 64 different places (70% were within the study area) where they felt able to let their dogs off the lead. The most frequently mentioned were Sizewell Beach, Thorpeness, Kenton Dunwich/Beach, Tunstal/Forest, Aldeburgh, Eastbridge and Dunwich Heath. Locations outside the study area comprise a grouping to the south west between Rendlesham and Ipswich, and five locations to the north from Covehithe to Fritton.

- 5.1.16 Closeness to home, scenery, being able to let the dog off the lead, the peace and quiet and enjoying wildlife and good access to the footpath network were the main reasons respondents visited the survey locations. Being able to let the dog off the lead was especially significant for respondents at Kenton Hills and Sizewell Beach.
- 5.1.17 The number of places where people had started their route from was high (54 in total) indicating the diffuse nature of the use of the many recreational locations in the study area.

d) Displacement

- 5.1.18 Some 29% of respondents said they would avoid visiting the area around Sizewell C during construction (65% would not) and 2.5% were unsure. Of the 29% the proportion of local people who would be displaced was lower than the proportion of holiday makers; this might be because holiday makers have a wide choice of althernative holiday destinations whereas locals would want to continue to use their local area. The reasons people would displace related mostly to the disturbance they anticipated from the noise and traffic that would be associated with the construction, a feeling that they, their children and dogs would be less safe, there would be a loss of access to local footpaths and damage to the landscape.
- 5.1.19 The pattern of displacement was also diffuse, with 96% of the locations those who would be displaced would go to falling within the study area and only 4% of the locations falling outside the study area. Those who would be displaced cited 40 different places, 32 (80%) of which were in the study area (see also paragaph 5.1.22). Of these the majority of respondents would only displace a short distance from the survey locations to Thorpeness, Minsmere, Dunwich/Beach, Aldeburgh, Dunwich Heath and Sizewell Beach (including those from homes in the Ipswich and Felixstowe areas to the south of the study area) locations still in the immediate vicinity of the Indicative Main Development Site and within the Displacement Zone.

e) The profile of people likely to be displaced

- 5.1.20 30% of the 29% who would be displaced gave their primary activity as dog walking (and most of the rest gave their primary activity as walking 38%) mainly living within the 8km Displacement Zone and using Kenton Hills and Sizewell Beach. A third (35%) of holiday makers would also be displaced. The popularity of circular walks and cycle rides to holiday makers in the area was evident in the responses, as was the popularity of the Eels Foot Inn as a starting, lunchtime and finish destination. This indicates the importance of providing alternative routes for sections of these longer routes that will be closed or diverted during the construction phase.
- 5.1.21 Some 60.2% of people who might be displaced would be prepared to travel up to 5 miles to an alternative site, and 35.7% further up to a maximum of approximately 300 miles from Sizewell (Leighton Moss RSPB reserve in Lancashire) (the remining 4.1% giving the answer 'nowhere'). Of those who might be displaced 24 of the 40 locations cited fell within the Displacement Zone, eight in the Buffer Zone and eight beyond. The eight sites beyond the study area are diffuse comprising Shingle Street and Woodbridge in Suffolk to the south of Sizewell C, Lowestoft and Kessingland in Suffolk to the north, Fritton in Norfolk to the north, Thetford in Norfolk inland to the west, Cley Marshes on the north Norfolk coast, and Leighton Moss in Lancashire.

5.2 Conclusion

- 5.2.1 The survey results show that about a third of visitors stated that they would choose to visit another location i.e. be displaced, albeit most not very far and to a wide variety of different locations..
- 5.2.2 The visitor population (including holiday makers) is generally from the older age groups, visit regularly and know the area well. Bird watching, enjoying wildlife, the peace and quiet and the landscape qualities of the area are important to them and they already know (and judging by the variety of route starting points use) many places close to the proposed construction area that would be less affected and still available to them.
- 5.2.3 The visitors who are likely to be most inconvenienced would be the long distance walkers and cyclists and those who make use of the variety of circular walks in the area, in particular the east west sections that take people to and from the beaches north of the power station, and Bridleway 19 which is valued by the north south cyclists and walkers between the Eels Foot Inn and Aldeburgh.

6. FIGURES

Figure 01 Study Area, Survey Points and European Sites

Figure 02 People Counted at Survey Points, including Percentage of Dog Walkers

Figure 03A Postal Location of Respondents - 8km

Figure 03B Postal Location of Respondents - All

Figure 04 Postal Location of Residents and where Holiday Makers were staying

Figure 05A Recreational Displacement Locations Potentially used by Respondents

Figure 05B Recreational Displacement Locations Potentially used by Respondents Beyond the Study Area

Figure 05C Recreational Displacement Locations Potentially used by Respondents surveyed at Kenton Hills

Figure 05D Recreational Displacement Locations Potentially used by Respondents Surveyed at Sizewell Beach

Figure 06A Displacement Locations for Respondents who were Dog Walking

Figure 06B Displacement Locations for Respondents who were Dog Walking Surveyed at Kenton Hills

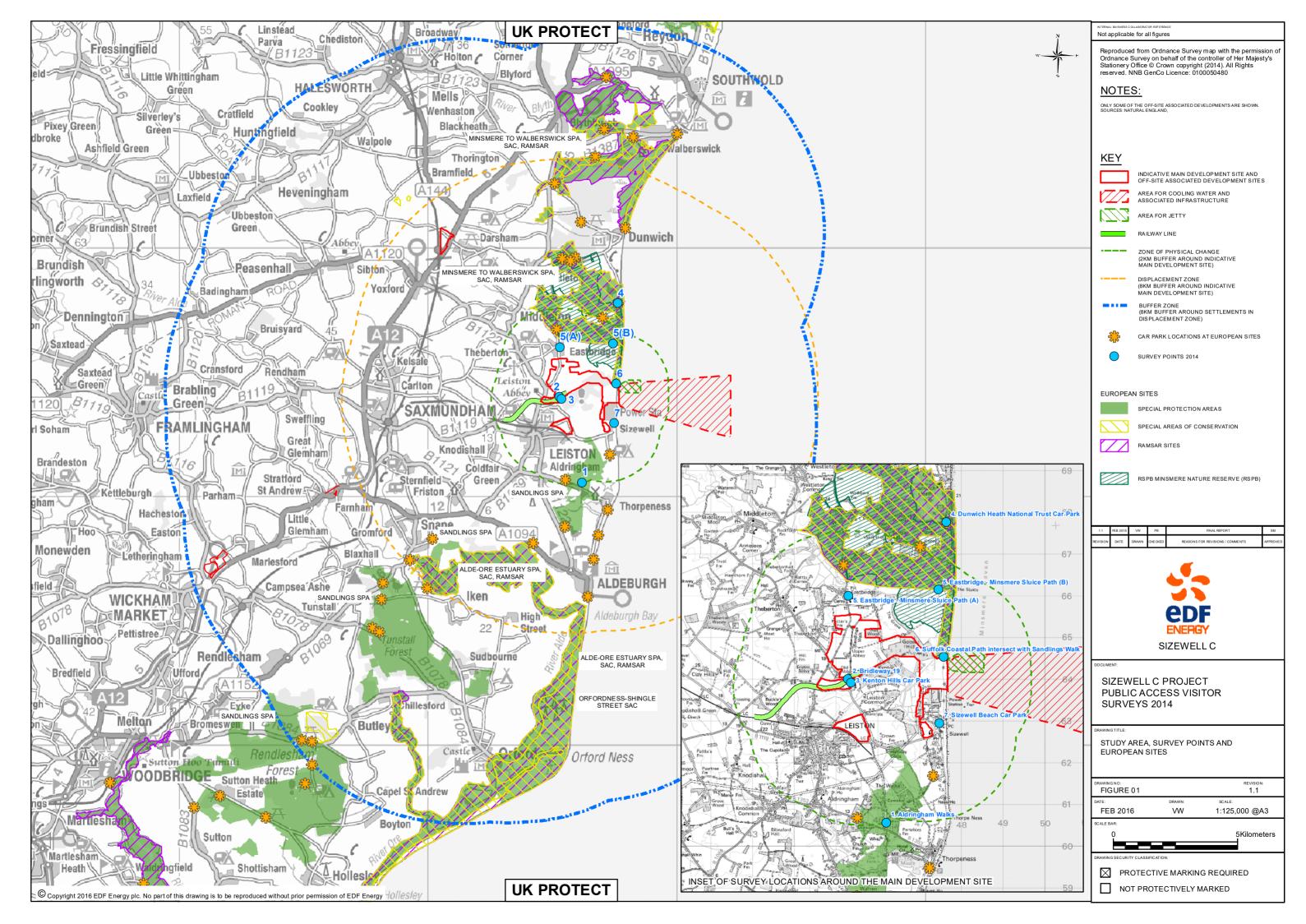
Figure 06C Displacement Locations for Respondents who were Dog Walking Surveyed at Sizewell Beach

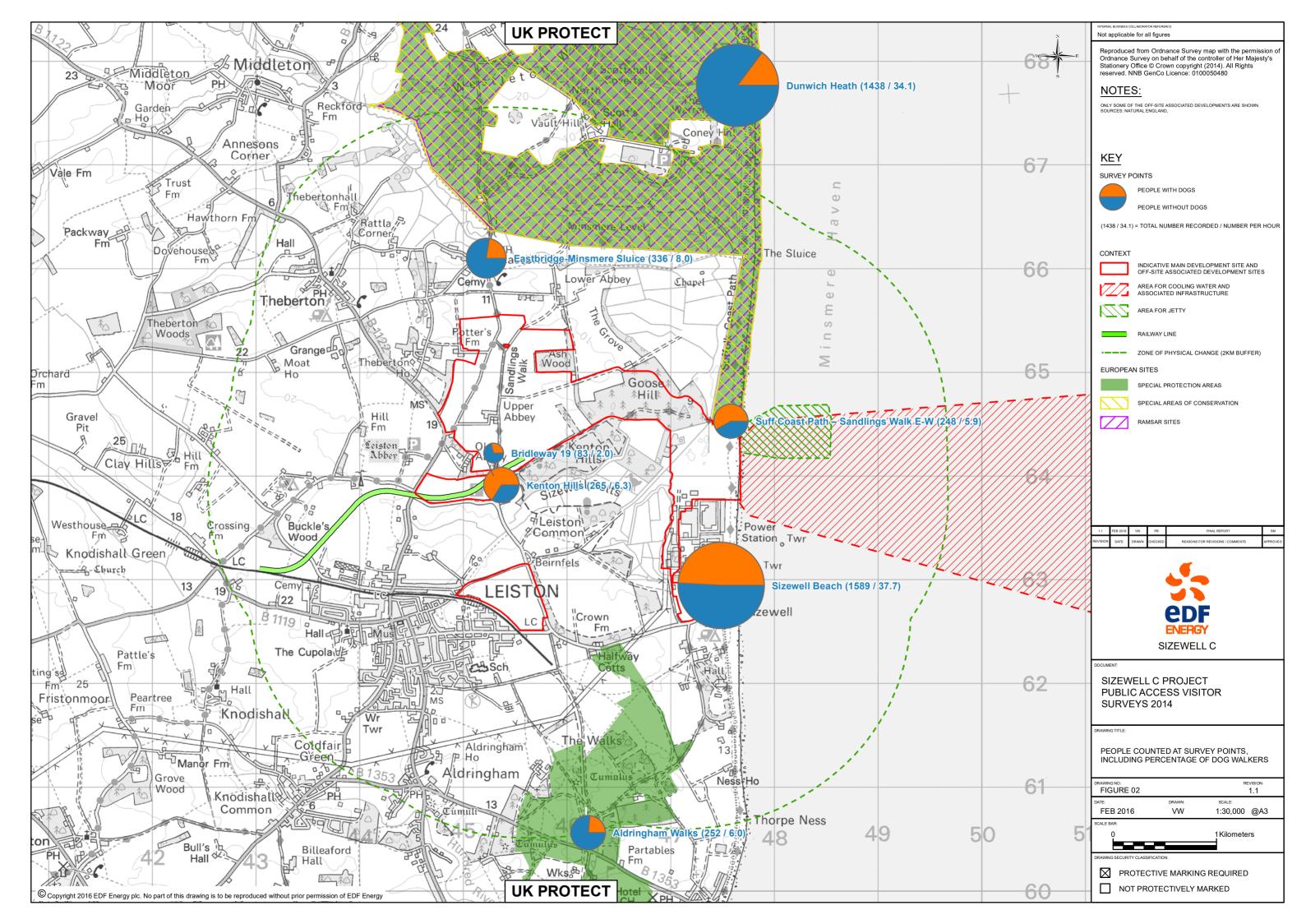
Figure 07A Locations where People feel able to Walk Dogs off Lead

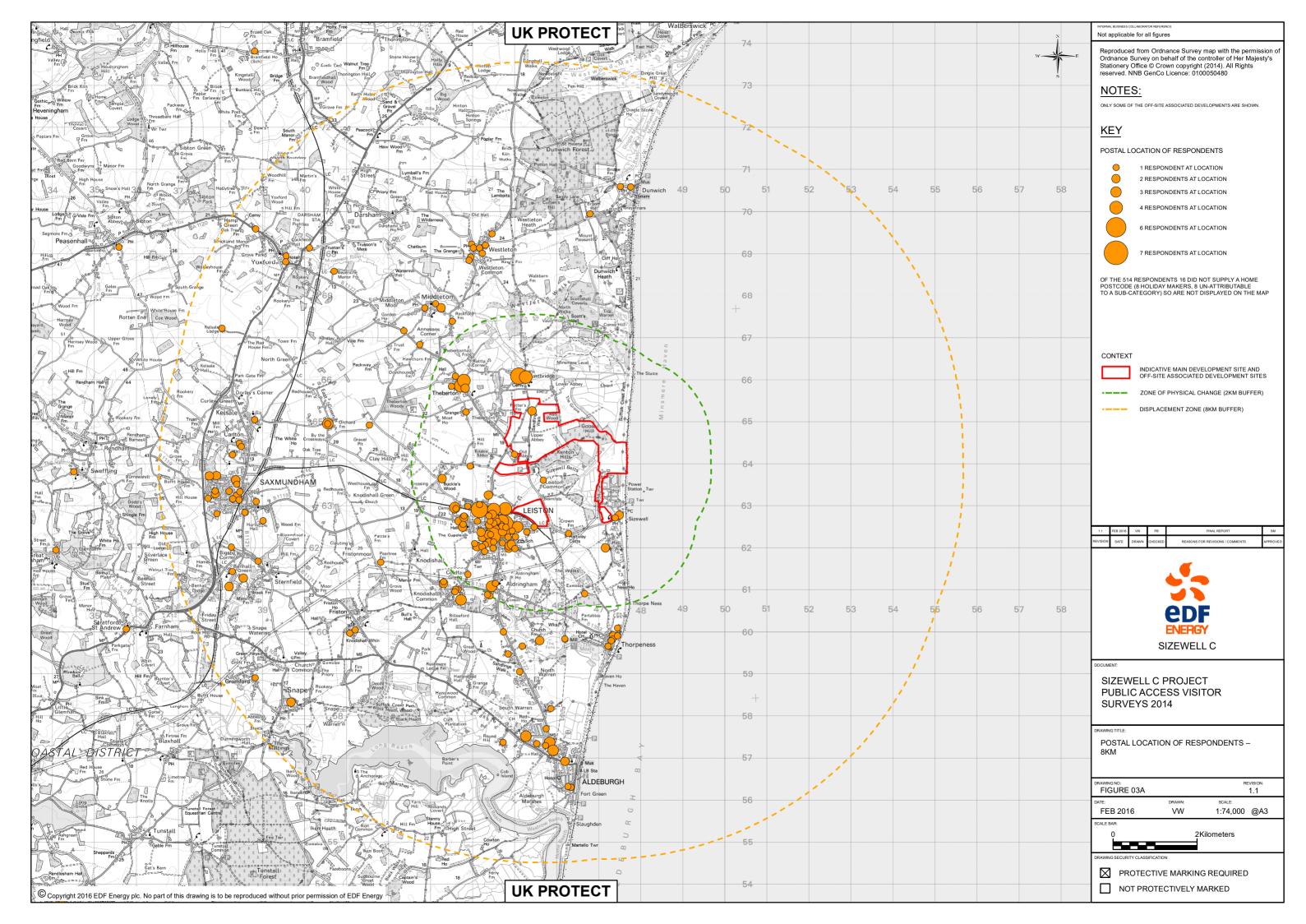
Figure 07B Locations where People feel able to Walk Dogs off Lead Surveyed at Kenton Hills

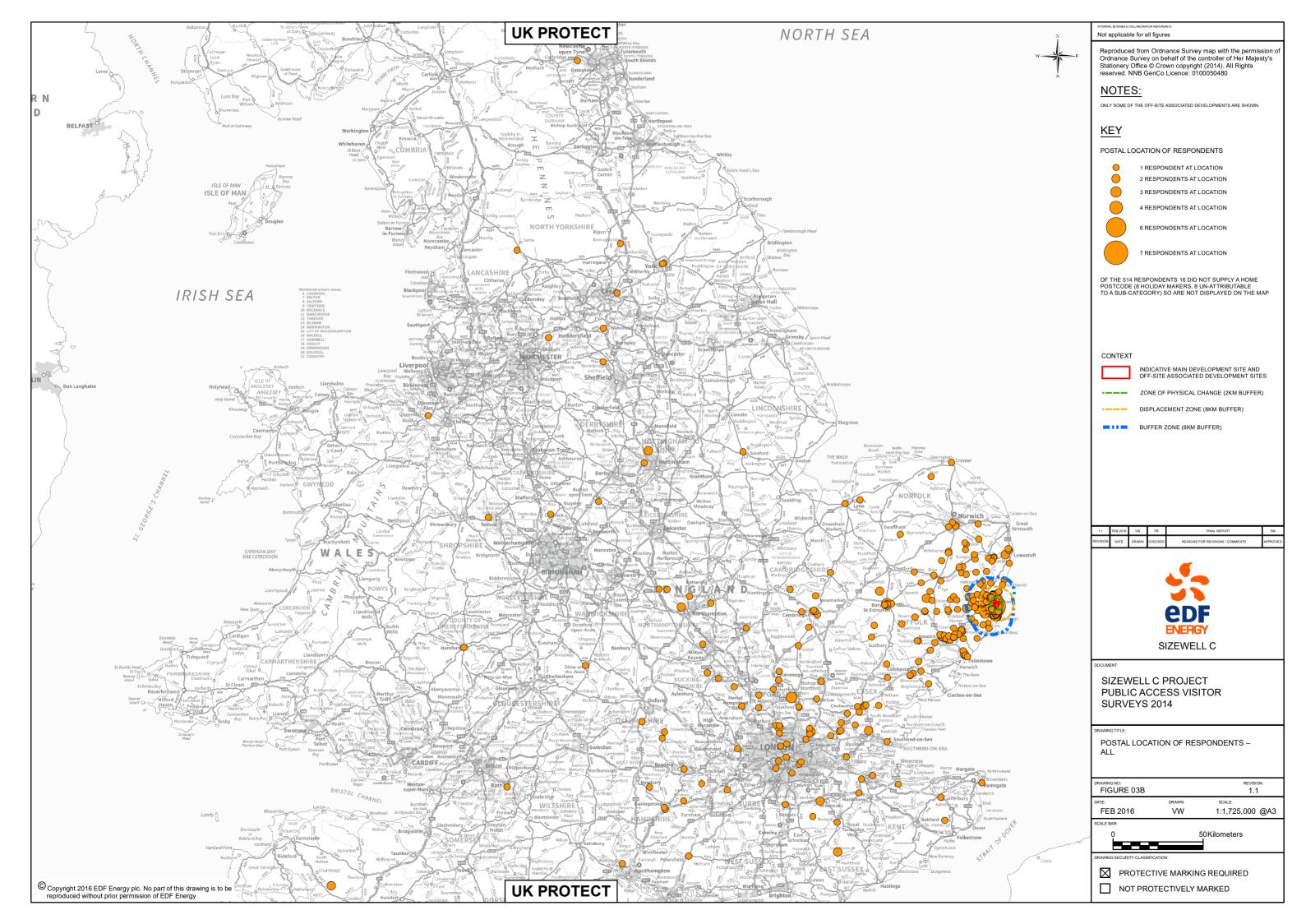
Figure 07C Locations where People feel able to Walk Dogs off Lead Surveyed at Sizewell Beach

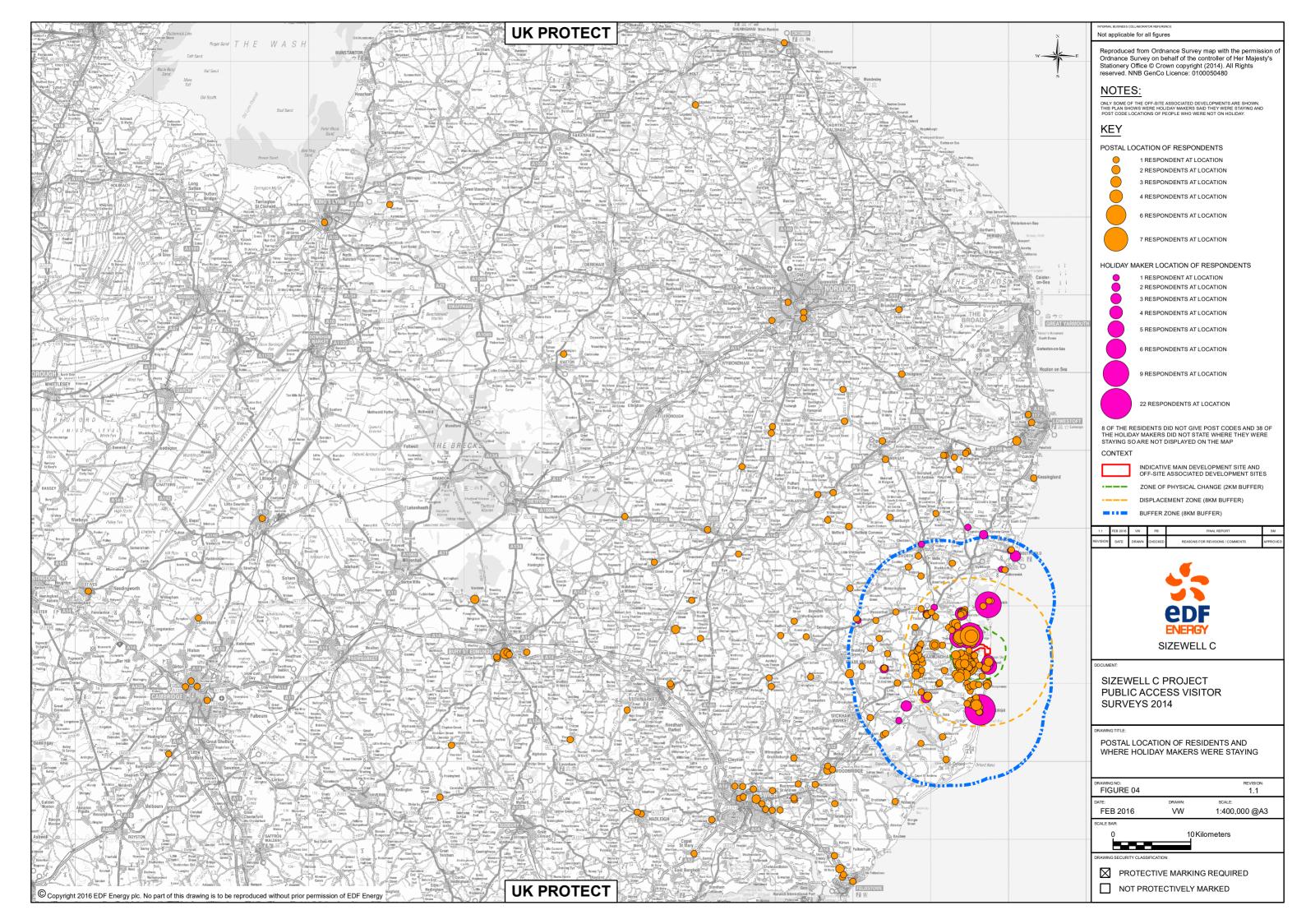
Figure 08 Recreational Resources Currently used by Respondents

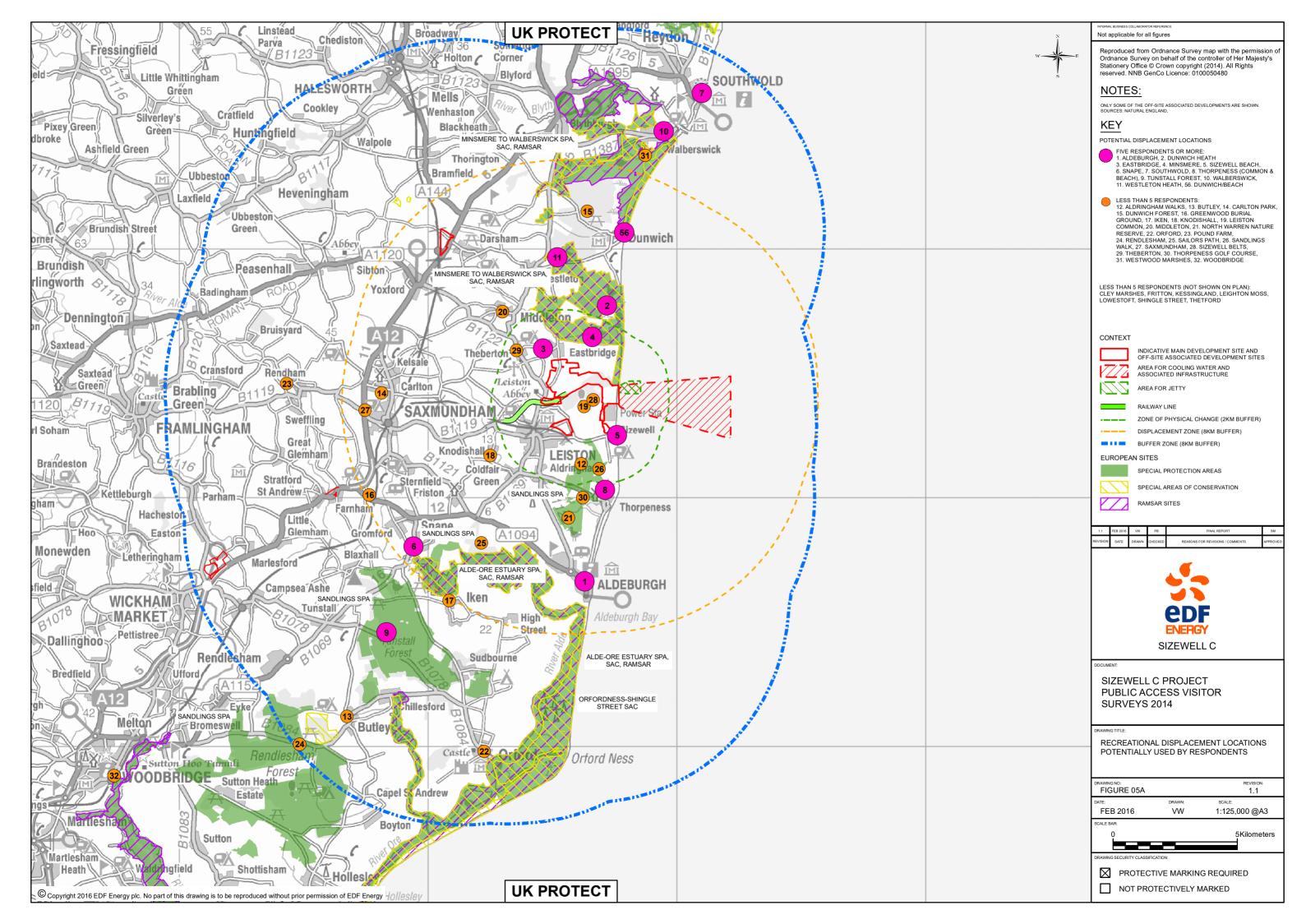


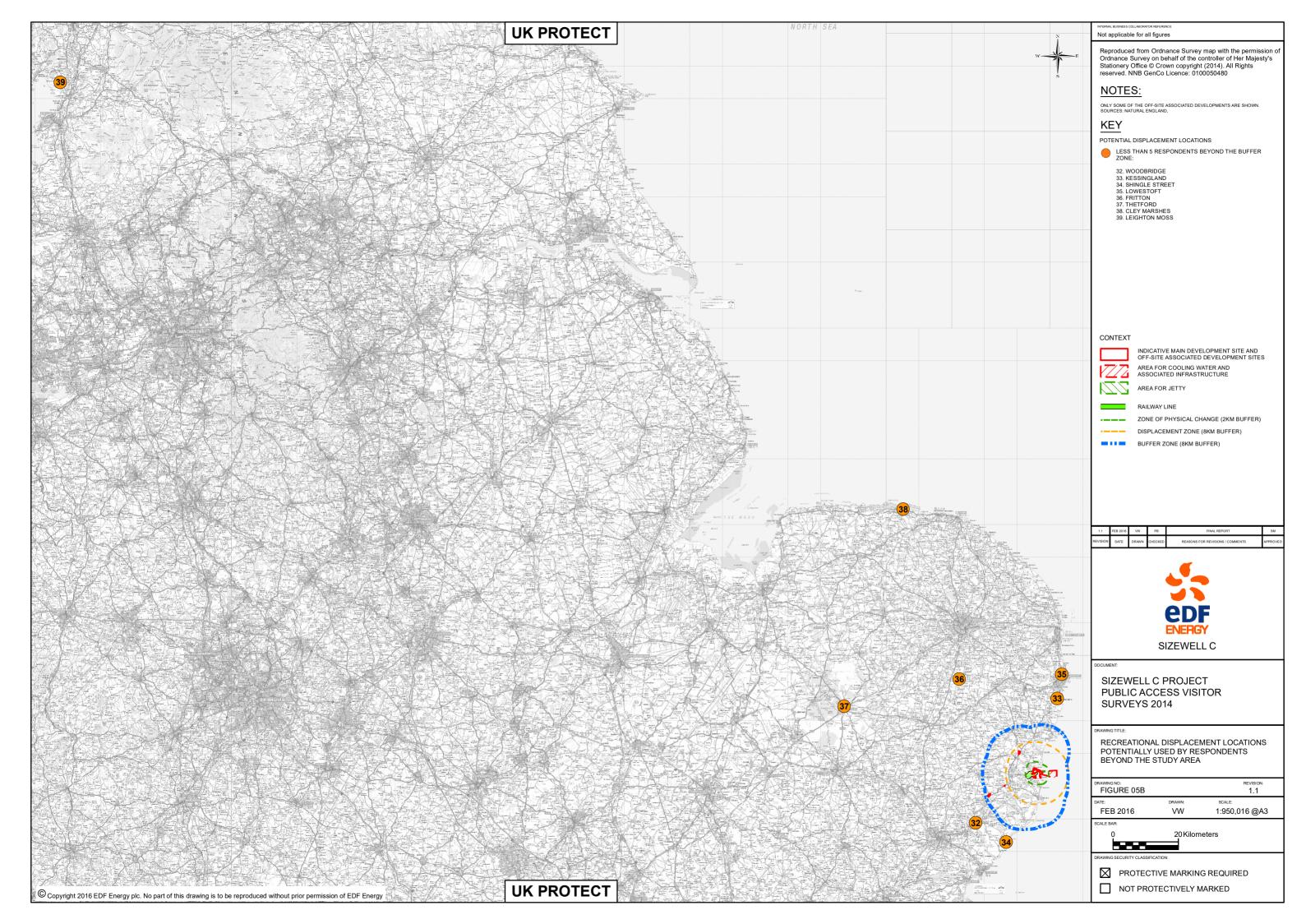


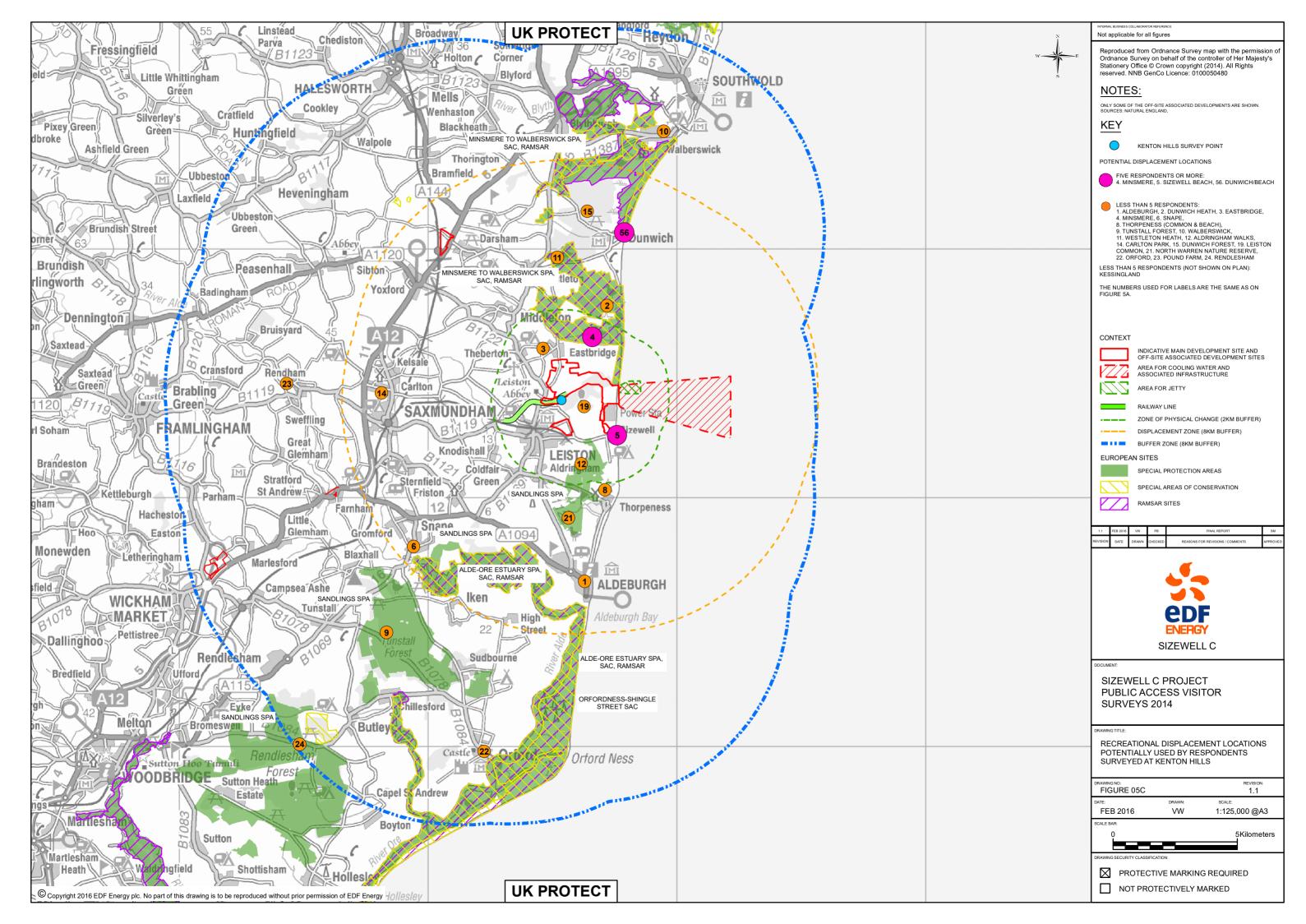


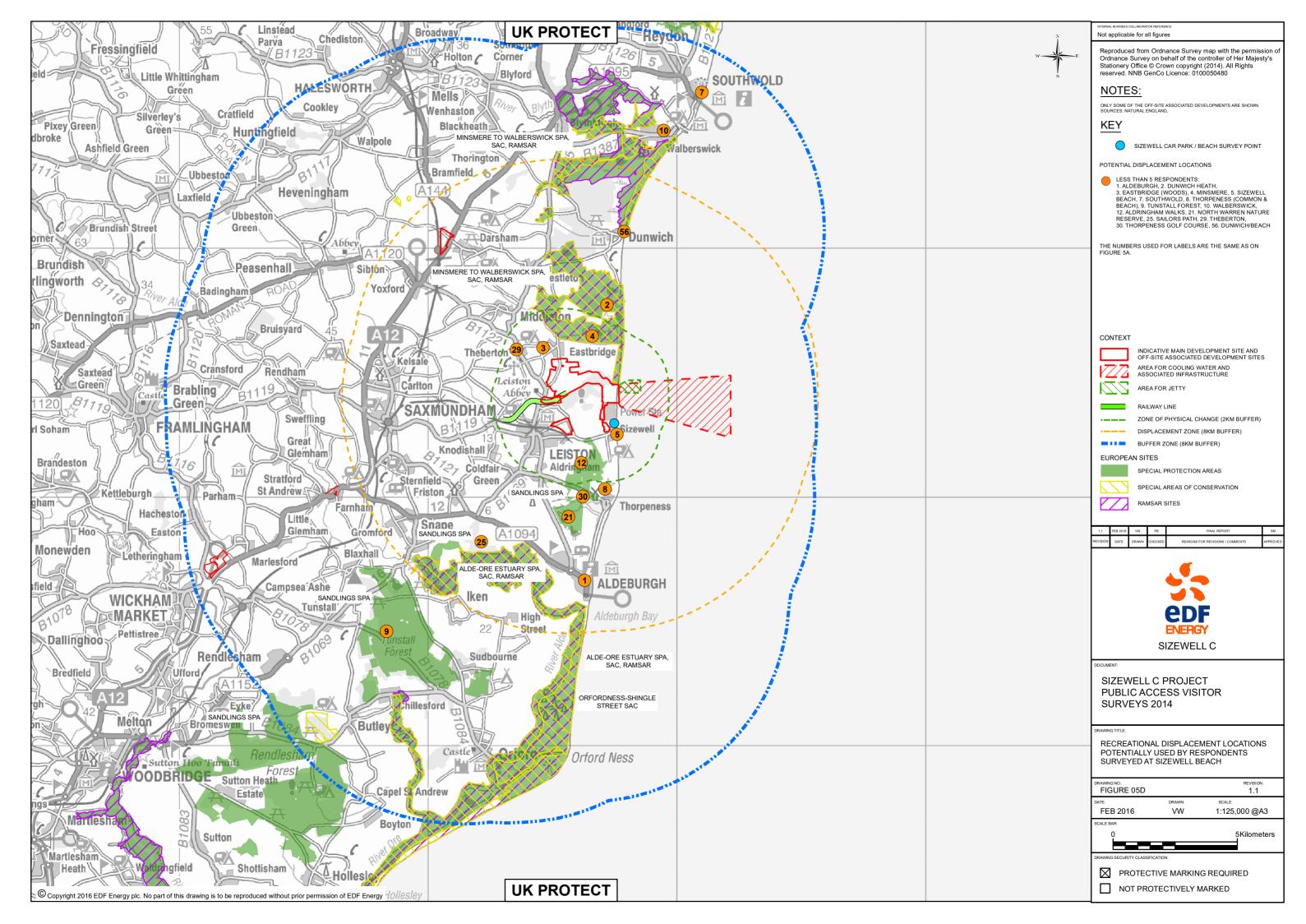


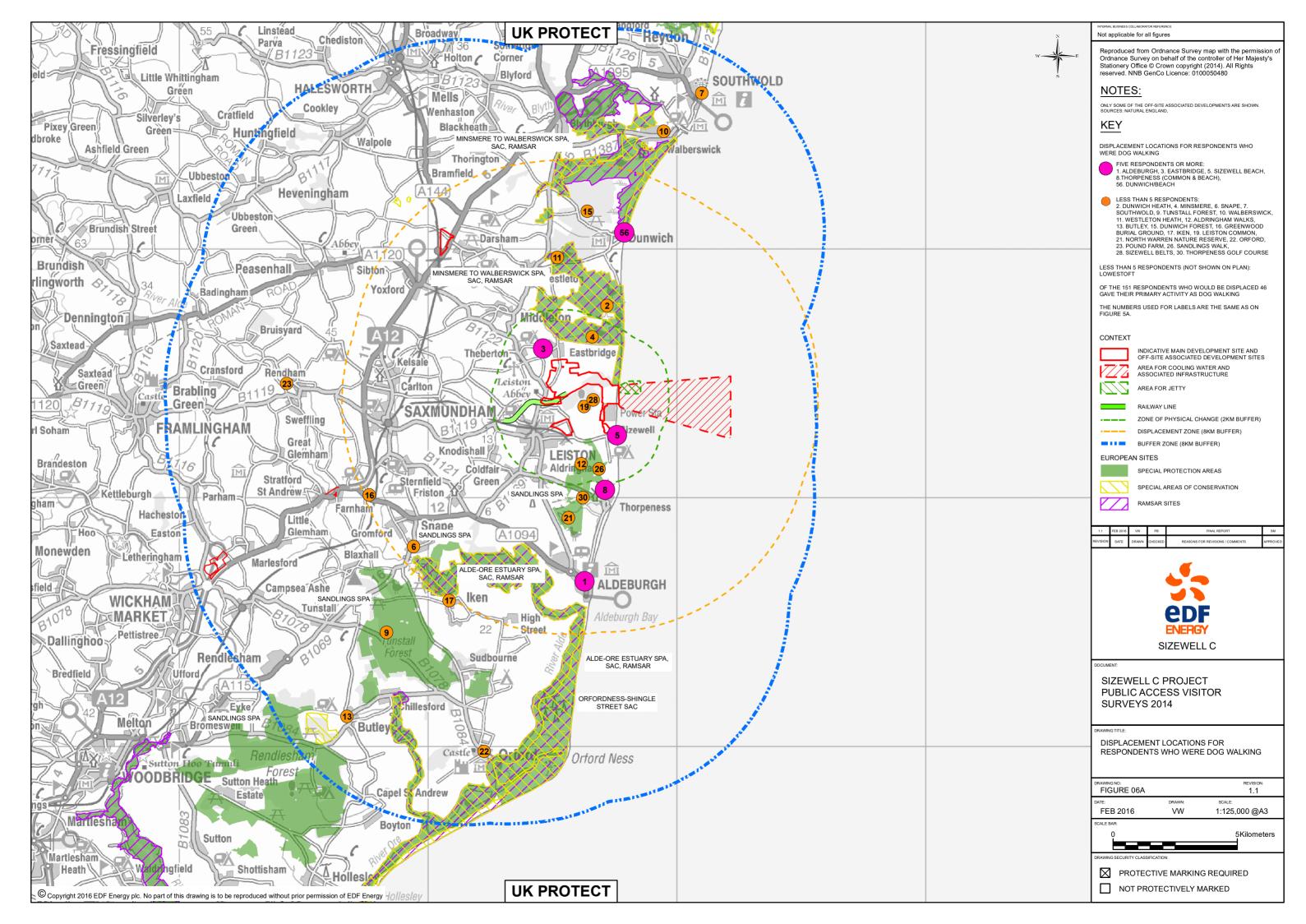


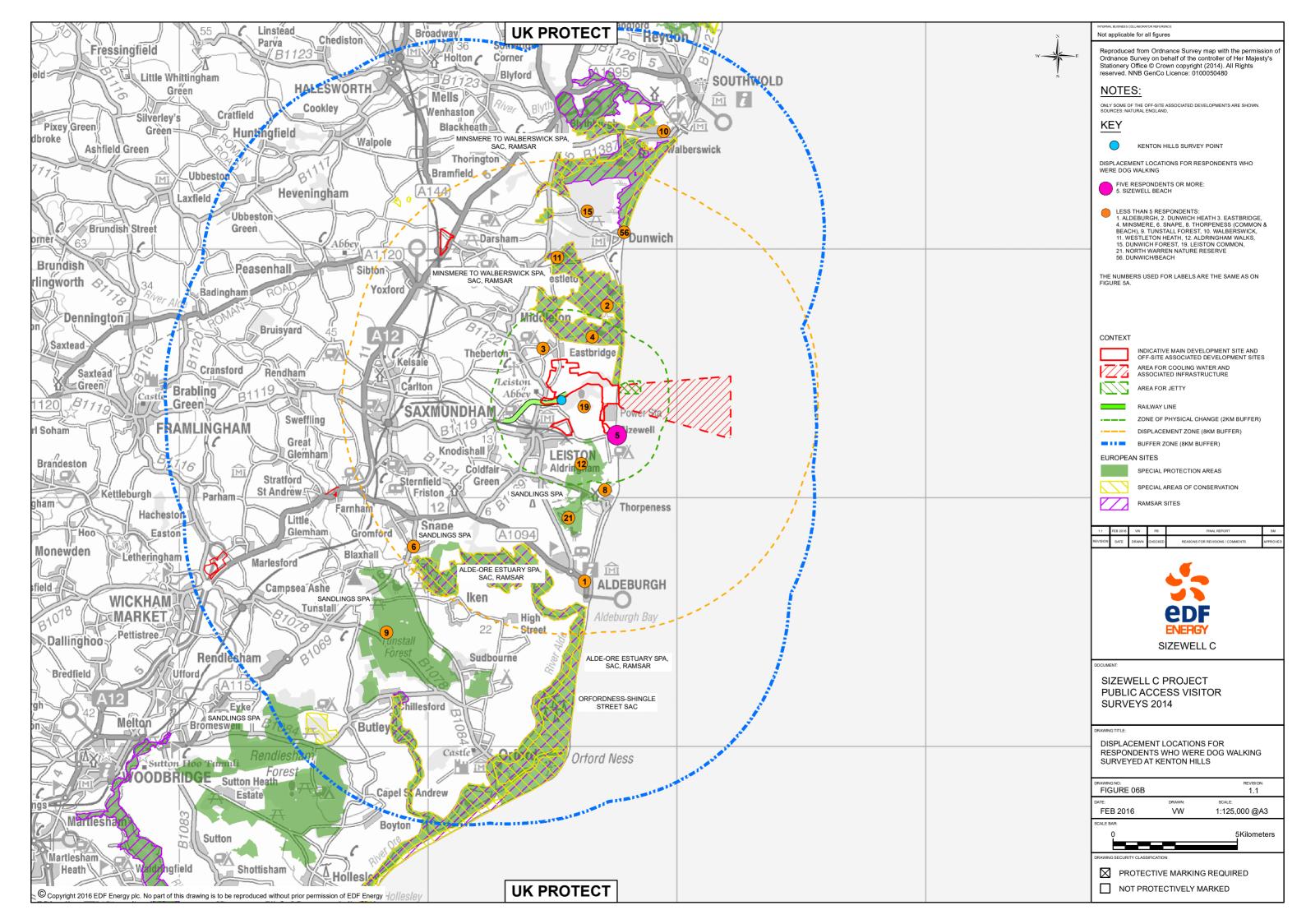


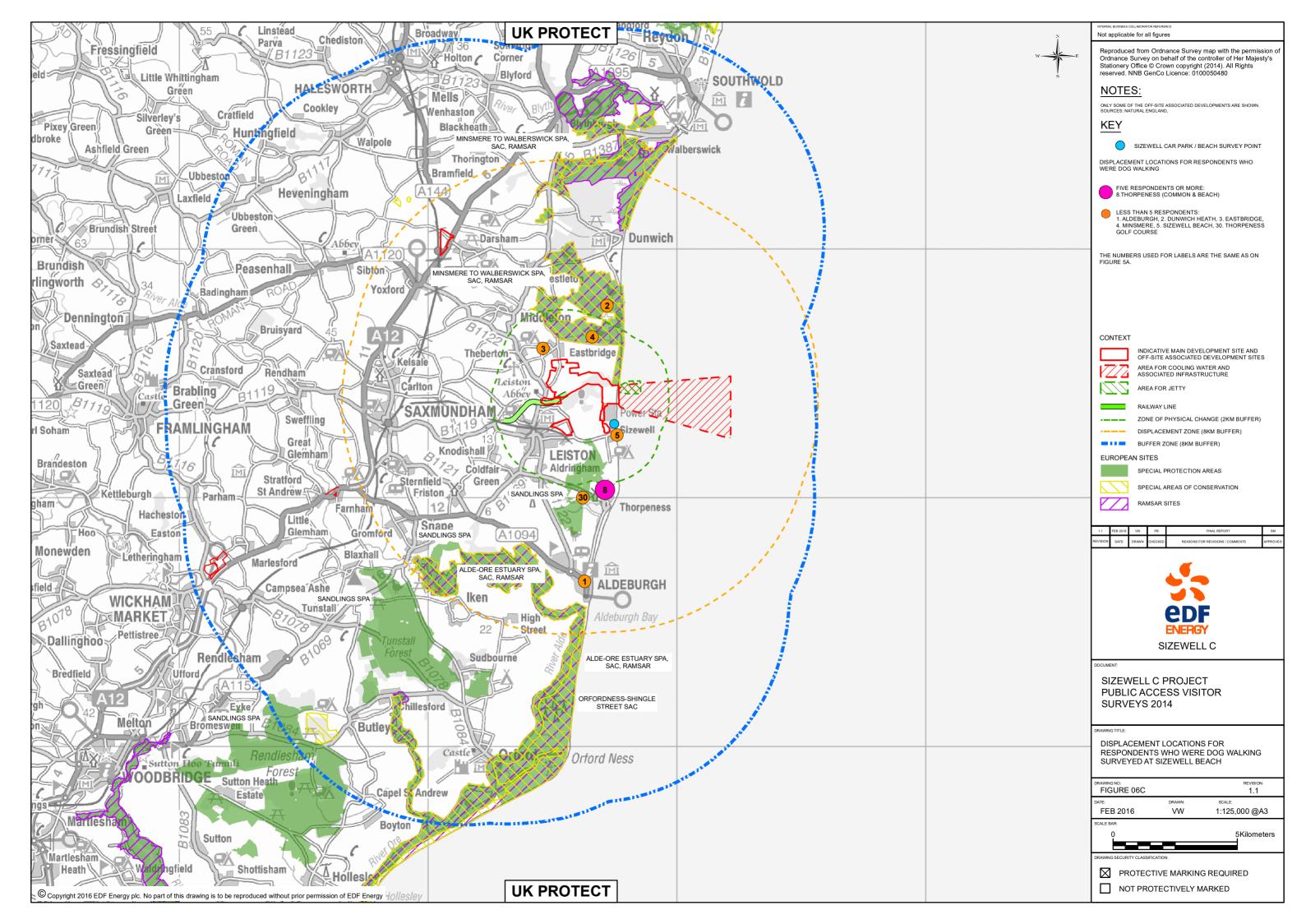


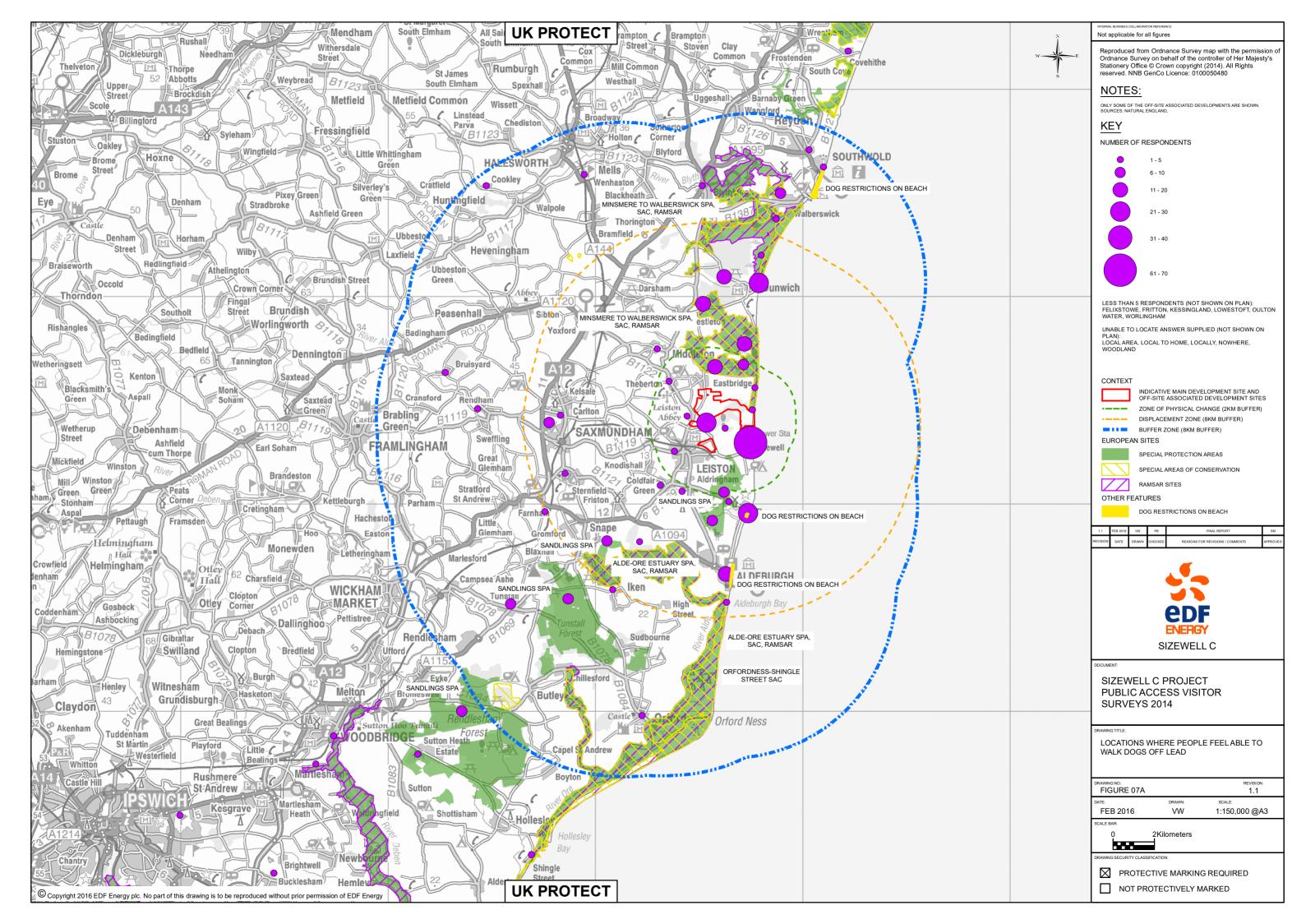


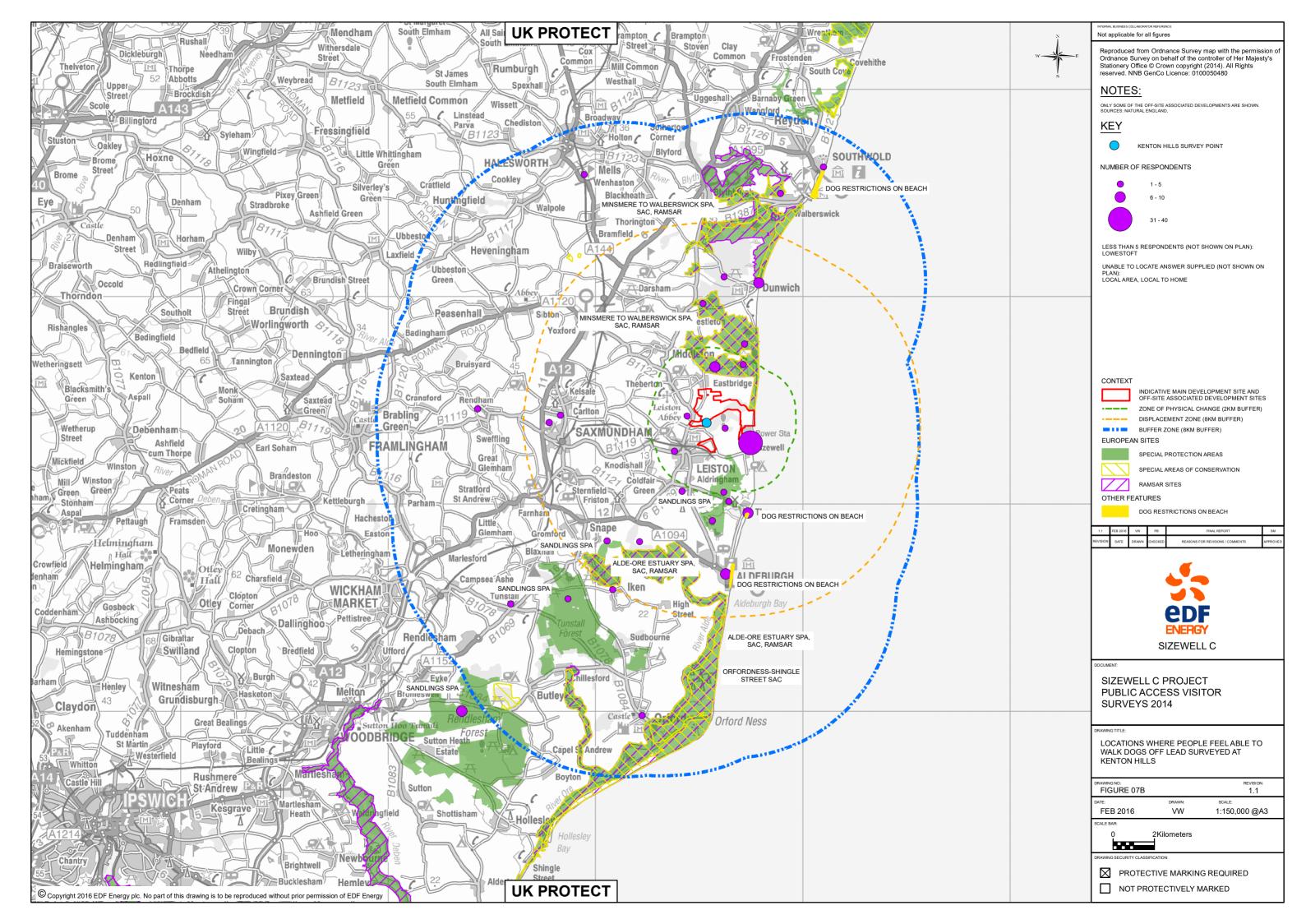


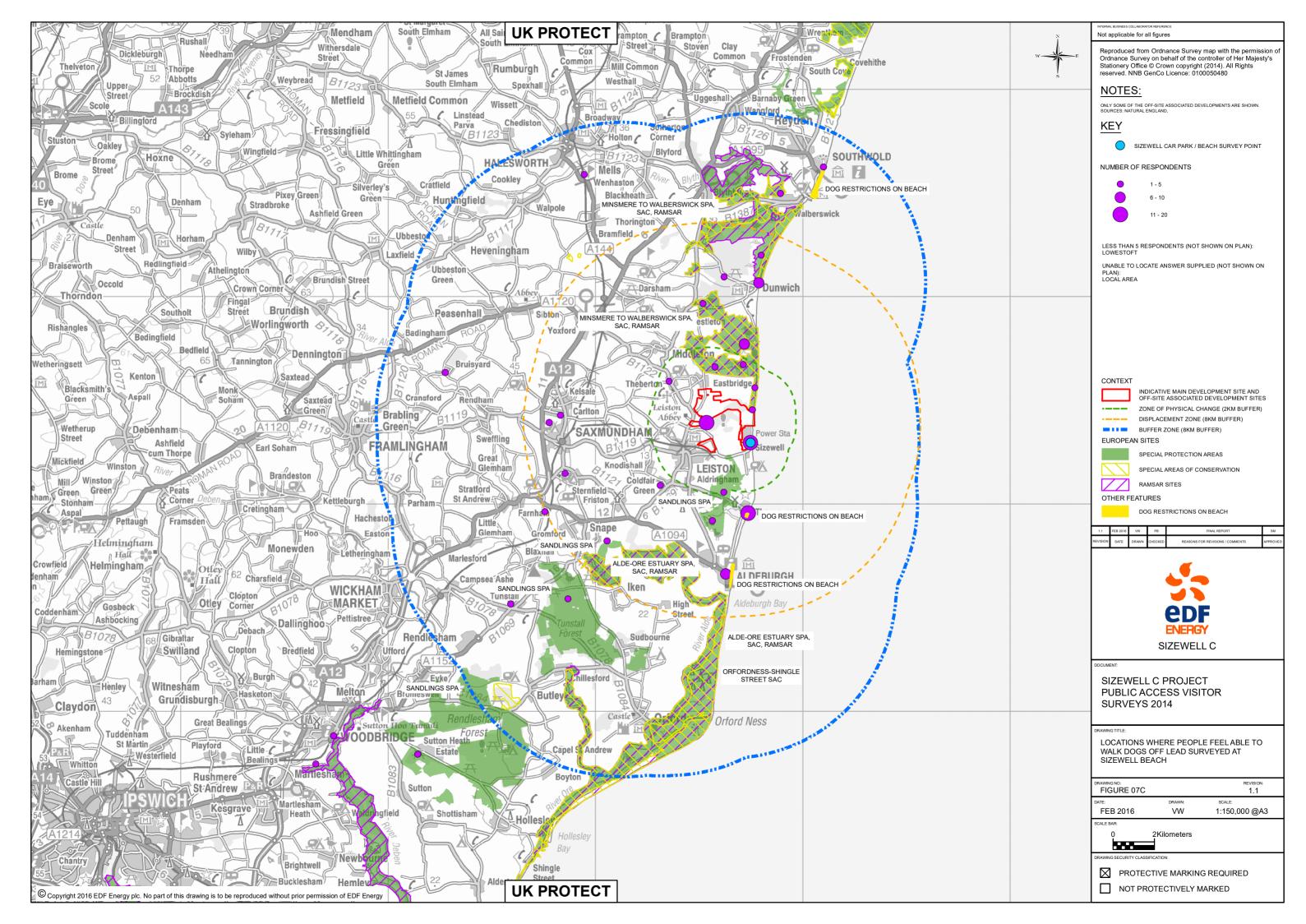


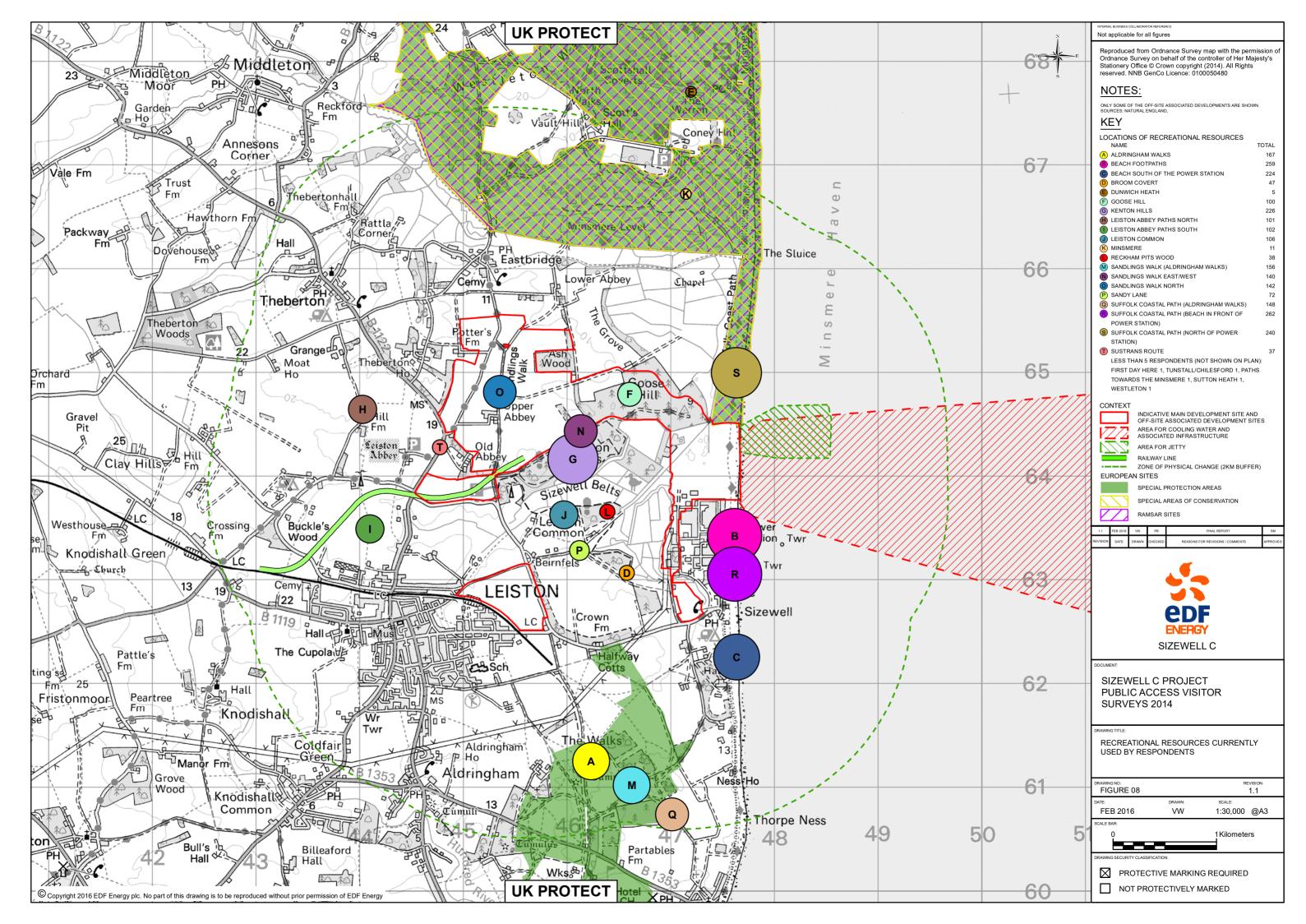












APPENDIX A: QUESTIONNAIRE

Rights of Way User Surveys - Sizewell C



Please tick the boxes that apply.

1	Where do you live/where are you	staying?				
	Home postcode:					
	Holiday accommodation (name of to	wn/village):				
	If you're on holiday, how often do	you visit this are	a?			
	Once a year		More than 5 times a year			
	2/3 times a year		First time			
	4/5 times a year		Not applicable			
2	What are the main activities you v		today? Tick ONE primary reaso	n, and as many		
	secondary reasons as applicable.					
		Primary Secondary		Primary Secondary		
	Walking		Bird watching			
	Dog walking		Botany			
	Cycling		Sea fishing/angling			
	Exercise		Getting some fresh air			
	Running		Picnicking			
	Horse riding		Access to beach			
	Enjoying wildlife					
			Other			
3	What are your main reasons for v			cal areas?		
	Tick ONE primary reason, and as	many secondary	reasons as applicable.			
		Primary Secondary		Primary Secondary		
	Close to home		Good for children			
	Easy access from/to car parks		Good for families			
	Going to work		Archaeology			
	Scenery/AONB landscape		Local history			
	Peace and quiet		As a short cut/route through			
	Good access to a network		To see/get close to the			
	of footpaths		Nuclear Power Stations			
	Dog friendly walk - on lead		Enjoying the wildlife			
	Dog friendly walk - off lead		Oll			
			Other			

4	a) Would you stop using the area an Nuclear Power Station?	round Sizewell C during the construction of the
	Yes No	Reason
4	b) If you would prefer to avoid the p	paths around the construction site
	i) which other areas are you likely to	o visit instead (please refer to OS map and give reasons)?
	Place 1:	Reasons:
	Place 2:	Reasons:
	Place 3:	Reasons:
	ii) how far would you be prepared to	travel to alternative areas?
	Less than 2 miles	Up to 20 miles
	Up to 5 miles	More than 20 miles
	Up to 10 miles	Nowhere
	iii) how would you get there?	
	Drive	Use public transport
	Walk	Share lifts
	Cycle	Other
5	If you have a dog, where else do you	u feel able to walk your dog off its lead?
	Place 1:	
	Place 2:	
	Place 3:	
	How often do you walk your dog off	its lead?
	More than once a day	Monthly
	Daily	Less often
	Weekly	First time

6	What route are you taki	oute are you taking today?								
	Start:									-
	End:									
	Via:									
	How did you get to the	start of yo	our route?	ı						
	Walked from home/touris	t accommo	odation	l	Jsed publi	c transport				
	Drove Cycled				Other					
	Cycled		L							
	How long will your visit	be?								
	Less than 30 mins			ι	Jp to 2 ho	urs				7
	Up to 1 hour			, i	More than	2 hours				
	11	1:	Diam'r (*		41 . 4					
7	How often do you use t	nis route?		ck all thos		ply.				
		Walking	Dog Walking	Cycling	Horse Riding	Running	Wildlife			
	More than once a day							1		
	Daily							1		
	Weekly]		
	Monthly							1		
	Less often							İ		
	This is the first time									
	At what times of year d	ດ vou use	this route	?				1		
	Jan/Feb/March	• , •	[Ιπίν/Δησικ	st/Septemb	or			٦
	April/May/June									\dashv
	Aprii/iviay/June			October/November/December All year round					\dashv	
			L	:	iii your roi	ui i u				_
В	If you visit Sizewell, wh	ich rights	of way/lo	cations ar	ound Size	ewell do yo	ou visit m	ost?		
	(please refer to Figure 1									
			ſ		S		\	4.0		7
	Aldringham Walks				Sandlings Walk (north)/Bridleway 19				\dashv	
	Broom Covert				Sandlings Walk (east-west)					\dashv
	Goose Hill			Sandlings Walk (Aldringham Walks)				\dashv		
	Leiston Common			Sandy Lane				\dashv		
	Kenton Hills	n to Abbou		Suffolk Coastal Path (Aldringham Walks)				_		
	Paths north out of Leistor Theberton	i to Abbey/	<u> </u>	Suffolk Coastal Path (beach in front of Power Stations)						
	Paths south of Leiston leading Course/beach	ading to		Suffolk Coastal Path (north of Power Stations)						
	Beach south of Power St	ations			Sustrans Route					
	Reckham Pits Wood			1	Not applica	able				_
	Beach footpaths									
					Other					

What is it about these routes that encourage	es you to use them? Please tick all those that apply.
Aim to reach a specific destination	Views
Circular routes	Peace and quiet
Part of a long distance path	Wildlife to be seen
Can let dog off the lead	Car park provided
Hard surface	Good for less mobile/buggy
Soft surface	It feels safe
Close to home or tourist	Paths are well signed/
accommodation/convenience	interpretation boards
Toilets/Cafe	
	Other
Would you be interested in visiting a viewing about the progression of the Sizewell C Nuc	g platform, or visitor centre, to see and learn more lear Power Station construction? Not sure
No	
Any other comments or suggestions:	
About You:	
Gender	
Male	Alone
Female	In a group of how many people
Age group	
under 20	Do you have a disability that requires you to use a:
20-44	Wheelchair
45-65	Mobility scooter
_	
over 65	

Thank you

If you have any questions or want to know the latest news on Sizewell C you can reach us by:

Website: http://sizewell.edfenergyconsultation.info

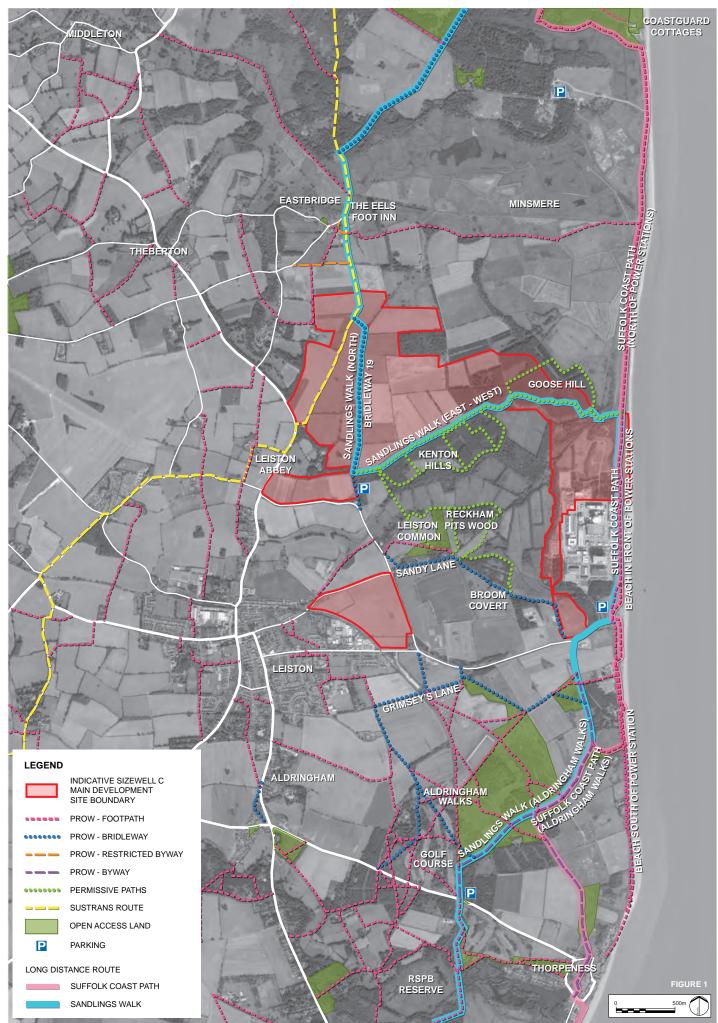
Email: sizewell@edfconsultation.info

Freephone: 0800 197 6102

Explanatory Note



- EDF Energy plans to build a new Nuclear Power Station, known as Sizewell C, on land next to Sizewell B.
- Figures 1 and 2 show the likely extent of the temporary construction area and the location of the proposed Power Station.
- It would take between 7-9 years to build the Power Station. The
 development would include the construction of sea defences
 along the beach, similar to those in front of Sizewell B, a
 temporary jetty, and rail extension.
- The scale of construction will be similar to that of the Olympic Park.
- The Coast Path would remain open during construction, but may need to be closed for short periods to ensure public safety.
- Some permissive paths along Kenton Hills extending to the coast would be diverted around the outside of the site (routes being explored).
- Kenton Hills car park and the Permissive Paths within Kenton Hills would remain open, although there would be no access to the coast.
- The Bridleway would be closed throughout construction.
- The boundaries of the construction site would be screened with substantial landscaped bunds and/or acoustic fencing, where necessary, to help protect footpaths, bridleways and cycle paths.



Aerial Photography © BING Maps

This map is an illustrative representation of PRoW, Permissive Paths and Open Access Land and does not represent all such access in its entirety.



APPENDIX B: OBSERVATION RECORD SHEET

Visitor observation survey sheet Nov 2014

Cito nom		VISITOI	00301 40	<u> </u>	i vey siik	December 195	
Site nam	ie:	<u></u>				Recorder:	
Date:						Weather	
Day:		Total tim	e (mins):			Sheet	of
Record	Gender	Age	Cultural	State	With dog		Activities
Number			- Backgroun			W alking	Swimming
	Male	0 -4	W hite	A lone	Y es	Walking D o	
	Female	5 -15	M ixed		No No		Horse Riding
URNs must				G roup Group nos	NO		
be unique. No	U known	16 -19	A sian	must follow			Cycling
duplicates.		20 -44	B lack	on from			In pram/buggy/wheelchair
,		45 -64	Chinese	previous recording			Other (please specify)
		65+	O ther	session		n dogs/ on :	and n/off lead

APPENDIX C: QUESTIONNAIRE **SURVEY RESULTS**

Rights of Way User Survey 2014 Sizewell C - Questionnaire Results

Number of Completed Questionnaires: 514

1a If you are on holide	v whore ere you e	toving?
1a. If you are on holida Sternfield	y, where are you so	0.19%
Thorpeness	4	0.78%
Aldeburgh	24	4.67%
Wangford	1	0.19%
Eastbridge Dunwich	14 13	2.72% 2.53%
West Stow	13	0.19%
Westleton	5	0.97%
Wayland	1	0.19%
Yoxford	2	0.39%
Halesworth Knodishall	1 2	0.19% 0.39%
Iken	1	0.19%
caravan park	7	1.36%
Blaxhall	4	0.78%
Walberswick	1	0.19%
Felixstowe	1	0.19%
Huggshall Leiston	1 10	0.19% 1.95%
Snape	4	0.78%
Sizewell	5	0.97%
Sizewell Beach Park	2	0.39%
Gromford	2	0.39%
Brandeston	2	0.39%
Theberton Badingham	7 1	1.36% 0.19%
Tunstall	1	0.19%
Southwold	2	0.39%
Great Glenham	1	0.19%
Darsham	1	0.19%
Reydon	1	0.19%
Carlton Colville	1	0.19%
Kelsale Bruisyard	1 2	0.19% 0.39%
Benhall	1	0.19%
Kelsale	1	0.19%
1b. If you are on holida	y, how often do yo	ou visit this area?
once a year	34	6.61%
2/3 times a year	43	8.37%
4/5 times a year more than 5	6 67	1.17% 13.04%
first time	22	4.28%
day trip	0	0.00%
2. What are the main ac	ctivities you are do	ing here today?
a. Primary Reason		
walking	201 176	39.11%
dog walking cycling	26	34.24% 5.06%
exercise	14	2.72%
running	4	0.79%
horse riding	0	0.00%
enjoying wildlife	18	3.50%
bird watching	19	3.67%
botany	4 10	0.79%
sea fishing getting some fresh air	14	1.95% 2.72%
picnicking	3	0.58%
access to beach	16	3.11%
exploring	1	0.19%
fungi recording	1	0.19%
photography	1	0.19%
sea view	1	0.19%
visit pub work	1 1	0.19% 0.19%
b. Secondary Reason		
walking	131	25.45%
dog walking		1.0 2.40/
•	84	16.34%
cycling	57	11.09%
cycling exercise	57 176	11.09% 34.24%
cycling	57	11.09%
cycling exercise running	57 176 27	11.09% 34.24% 5.25%
cycling exercise running horse riding enjoying wildlife bird watching	57 176 27 6 248 200	11.09% 34.24% 5.25% 1.17% 48.25% 38.91%
cycling exercise running horse riding enjoying wildlife	57 176 27 6 248	11.09% 34.24% 5.25% 1.17% 48.25%

getting some fresh air	256	49.81%
picnicking	69	13.24%
access to beach	221	43.00%
socialising	1	0.19%
photography	2	0.39%
kayaking	1	0.19%
music	1	0.19%
eating	1	0.19%
visit pub	1	0.19%
pottery	1	0.19%
paddling	1	0.19%
view	1	0.19%
café	2	0.39%
sketching	1	0.19%
spiritual uplift	1	0.19%
collecting shells	1	0.19%
swimming in the sea	1	0.19%

3. What are your main reasons for visiting this place today?

a. Primary Reason

a. Primary Reason		
close to home	135	26.26%
easy access from/to ca	13	2.53%
going to work	6	1.17%
scenery	102	19.84%
peace & quiet	52	10.12%
good access to footpat	31	6.03%
dog friendly walk - on I	14	2.72%
dog friendly walk - off I	81	15.76%
good for children	9	1.75%
good for families	14	2.72%
archaeology	1	0.19%
local history	3	0.58%
short cut	1	0.19%
to see Nuclear Power:	6	1.17%
enjoying wildlife	30	5.84%
sea side	1	0.19%
fungi recording	1	0.19%
no sea	1	0.19%
pub	1	0.19%
swim	1	0.19%
unique walk	1	0.19%
visiting friends	1	0.19%

b. Secondary Reason

143	27.82%
181	35.21%
4	0.79%
206	40.08%
294	57.20%
236	45.91%
108	21.01%
134	26.07%
101	19.65%
115	22.37%
17	3.31%
59	11.48%
14	2.72%
17	3.31%
276	53.70%
1	0.19%
1	0.19%
1	0.19%
1	0.19%
1	0.19%
1	0.19%
1	0.19%
2	0.39%
1	0.19%
2	0.39%
1	0.19%
1	0.19%
	181 4 206 294 236 108 134 101 115 17 59 14 17 276 1 1 1 1 1 1 1 2 1 2 1

4a. Would you stop using the area around Sizewell C during construction?

yes	151	29.38%
no	335	65.18%
not sure	13	2.53%

4b. i. Alternative areas to visit if prefer to avoid construction

Sizewell Beach	21	4.09%
Sizewell Belt	1	0.19%
Dunwich Heath	45	8.75%
Southwold	11	2.14%
Minsmere	33	6.42%
Aldeburah	31	6.03%

Snape	8	1.56%
lken Sailors Path	4 2	0.79% 0.39%
Saxmundham	1	0.19%
Golf Course	2	0.39%
Thorpeness	38	7.39%
Westleton	11	2.14%
Sizewell Beach south	3	0.58%
Aldringham Walks	9	1.75%
North Warren Nature F	5	0.97%
Rendlesham Beach Café	8 1	1.56% 0.19%
Aldringham Woods	1	0.19%
Coastguard Cottages	2	0.39%
Walberswick	10	1.95%
Coastal Path	4	0.79%
Inland	1	0.19%
Shingle Street	3	0.58%
Leighton Moss Flatford	1	0.19%
Fιαττοτα Wivenhoe	1 1	0.19% 0.19%
Brightlingsea	1	0.19%
Sandlings walk	8	1.56%
Tunstall	5	0.97%
Pound Farm	2	0.39%
Carlton Park	1	0.19%
Orford	5	0.97%
Lowestoft	1	0.19%
Covehithe	1	0.19%
Hen Reed Beds Sizewell Beach north	1 1	0.19% 0.19%
Kessingland	1	0.19%
Westwood Marshes	1	0.19%
Dunwich Forest	4	0.79%
RSPB	1	0.19%
Eastbridge	12	2.33%
Tunstall Forest	4	0.79%
Theberton	2	0.39%
Leiston Common	2	0.39%
Greenwood	1	0.19%
North Norfolk Bruisyard	1 1	0.19% 0.19%
Butley	1	0.19%
Fritton	1	0.19%
Kenton Hills	6	1.17%
Knodishall	1	0.19%
Lackford Lakes	1	0.19%
Middleton	1	0.19%
Newborn Springs	1	0.19%
Thetford	1	0.19%
Woodbridge Cley Marshes	1 1	0.19% 0.19%
•		
4b ii. How far would you less than 2 miles		12.26%
less than 2 miles up to 5 miles	63 87	12.26% 16.93%
up to 5 miles up to 10 miles	87 52	16.93%
up to 20 miles	18	3.50%
more than 20 miles	19	3.70%
nowhere	10	1.95%
4b ::: 11a	4.4h.a	
4b iii. How would you ge drive	t there? 210	40.89%
walk	41	7.98%
cycle	39	7.59%
public transport	4	0.79%
share lift	2	0.39%
5a Where else do you fe	el able to walk the	dog off the lead?
Sizewell Beach	61	11.87%
Kenton Hills	27	5.25%
Eastbridge	14	2.72%
Locally	8	1.56%
Dunwich Heath	35	6.80%
Southwold	5	0.97%
lken Randlasham	3	0.58%
Rendlesham Aldeburgh	9 17	1.75% 3.30%
Aldringham Walks	6	3.30% 1.17%
North Warren Nature F	9	1.75%
	2	0.39%
Sailors Path	2	
Sailors Path Aldringham Woods	1	0.19%

\Mastleten	11			2 1 40/
Westleton	11			2.14%
Thorpeness	30			5.84%
Saxmundham	6			1.17%
Pound Farm	3			0.58%
Woodland Trust	2			0.39%
Carlton Park	3			0.58%
Dunwich Forest	11			2.14%
Blythburgh	1			0.19%
Worlingham	1			0.19%
Kessingland	1			0.19%
Westwood Marshes	1			0.19%
Local to home	7			1.36%
Sutton Heath	2			0.39%
Martlesham Creek	1			0.19%
Woodbridge	3			0.58%
Dingle Marsh	1			0.19%
Tunstall	8			1.56%
Tunstall Forest	10			1.95%
Snape	6			1.17%
Sizewell Beach North	1			0.19%
Coastal path	4			0.79%
Minsmere	7			1.36%
Theberton	1			0.19%
nowhere	2			0.39%
woodland	1			0.19%
Coastguard Cottages	1			0.19%
Slaughden	1			0.19%
Oulton Water	1			0.19%
Greenwood	3			0.58%
Benhall Heath	1			0.19%
Bruisyard	1			0.19%
Bucklesham Fields	1			0.19%
Cookley	1			0.19%
Covehithe	1			0.19%
Fritton	1			0.19%
Felixstowe	1			0.19%
golf course	3			0.58%
Knodishall	3			0.58%
Leiston Abbey	1			0.19%
Leiston	3			0.58%
Leiston Common	5			0.97%
Lowestoft	1			0.19%
Middleton	1			0.19%
Reydon	1			0.19%
Rushmere Heath	1			0.19%
Sandlings Walk	3			0.58%
Orford	2			0.39%
Lowestoft	1			0.19%
5b. How often do you	walk your	dog off its	lead?	
more than once a day	109	-		21.20%
daily	107			20.82%
weekly	15			2.92%
monthly	1			0.19%
less often	3			0.58%
first time	0			0.00%
6. Route taking today	start	finish	via	

6. Route taking today	start	finish	via	start	finish	via
Sandlings Walk	3	4	7	0.58%	0.79%	1.36%
Golf Course	1	1	8	0.19%	0.19%	1.56%
Thorpeness	28	20	19	5.45%	3.89%	3.70%
North Warren Nature F	4	4	14	0.79%	0.79%	2.72%
Eastbridge	24	16	21	4.67%	3.11%	4.09%
Aldeburgh	26	28	4	5.06%	5.45%	0.79%
Faulkness Beach	0	0	1	0.00%	0.00%	0.19%
Leiston	15	8	4	2.92%	2.92%	1.56%
Victoria Road	1	1	0	0.19%	0.19%	0.00%
Various	4	0	4	0.79%	0.00%	0.79%
Kenton Hills	73	68	6	14.20%	13.23%	1.17%
Kenton Hills circular rc	0	0	13	0.00%	0.00%	2.53%
Sizewell Beach north	0	1	11	0.00%	0.19%	2.14%
Sizewell Belt	1	0	1	0.19%	0.00%	0.19%
Sizewell Beach Car Pa	3	4	1	0.58%	0.79%	0.19%
Paths	0	0	1	0.00%	0.00%	0.19%
Sizewell Gaps	1	1	0	0.19%	0.19%	0.00%
Permissive Path	2	1	0	0.39%	0.19%	0.00%
Sizewell Beach	121	115	28	23.54%	22.37%	5.45%
Coastal Path	9	1	11	1.75%	0.19%	2.14%
Minsmere	11	21	49	2.14%	4.09%	9.53%
Minsmere circular wall	0	0	1	0.00%	0.00%	0.19%
Eels Foot Inn	13	13	6	2.53%	2.53%	1.17%
Dunwich Heath	39	40	11	7.59%	7.78%	2.14%
Dunwich	8	13	4	1.56%	2.53%	0.79%
Leiston Abbey	0	0	2	0.00%	0.00%	0.39%

Heathland Gorse Walk	0	1	0	0.00% 0.19% 0.00%
Coastguard Cottages	5	5	1	0.97% 0.97% 0.19%
Chelmsford	1	0	0	0.19% 0.00% 0.00%
Southwold	2	5	0	0.39% 0.97% 0.00%
Yellow Route	1	0	0	0.19% 0.00% 0.00%
Chedgrave, Norfolk	1	1	0	0.19% 0.19% 0.00%
Yoxford	0	1	0	0.00% 0.19% 0.00%
Saxmundham	4	2	0	0.79% 0.39% 0.00%
Capel St Mary	1	0	0	0.19% 0.00% 0.00%
Westleton	4	4	3	0.79% 0.79% 0.58%
Halesworth	1	1	0	0.19% 0.19% 0.00%
Beach	0	1	2	0.00% 0.19% 0.39%
Menham	1	1	0	0.19% 0.19% 0.00%
Huggshall	1	0	0	0.19% 0.00% 0.00%
Cambridge	1	0	0	0.19% 0.00% 0.00%
Brandeston	1	0	0	0.19% 0.00% 0.00%
Beach View Holiday Pa	1	0	2	0.19% 0.00% 0.39%
power station	0	0	6	0.00% 0.00% 0.17%
Christian Centre	0	0	1	0.00% 0.00% 0.19%
Home	7	6	0	1.36% 1.17% 0.00%
Sizewell Beach cafe	4	5	0	0.79% 0.97% 0.00%
Vulcan Arms Sizewell	1	1	0	0.19% 0.19% 0.00%
Butley	0	2	0	0.00% 0.39% 0.00%
Goose Hill	0	1	3	0.00% 0.19% 0.58%
Leiston Common	1	1	0	0.19% 0.19% 0.00%
Harling Way	1	1	0	0.19% 0.19% 0.00%
Walberswick	1	2	0	0.19% 0.39% 0.00%
Snape	1	1	0	0.19% 0.19% 0.00%
Cliff House	2	1	0	0.39% 0.19% 0.00%
Thurston	1	1	0	0.19% 0.19% 0.00%
East Hill	0	0	1	0.00% 0.00% 0.19%
Circular walk	1	1	41	0.19% 0.19% 7.98%
Car park	2	0	0	0.39% 0.00% 0.00%
Blaxhall	2	0	0	0.39% 0.00% 0.00%
Silver Birch	1	0	0	0.19% 0.00% 0.00%
The Follies Cottage	1	1	0	0.19% 0.19% 0.00%
Halfway House	1	1	0	0.19% 0.19% 0.00%
Police Point	1	1	0	0.19% 0.19% 0.00%
Tangham Forest	1	0	0	0.19% 0.00% 0.00%
Kenton Woods	3	3	0	0.58% 0.58% 0.00%
RSPB	2	2	0	0.39% 0.39% 0.00%
Aldringham Walks	1	1	0	0.19% 0.19% 0.00%
, admignant Wano	-	•	Ü	3.13/0 3.13/0 0.00/0

6b. How did you get to the start of your route?

, ,	_	
walked from home	96	18.68%
drove	376	73.15%
cycled	21	4.09%
public transport	1	0.19%
motor bike	1	0.19%

6c. How long will your visit be? less than 30 mins 39

less than 30 mins	39	7.59%
up to 1 hour	148	28.79%
up to 2 hours	128	24.90%
more than 2 hours	158	30.74%

7. How often do you i	Walking)	og Walkin	Cycling	orse Ridin	Running	Wildlife
more than once a day	15	36	1	0	0	6
daily	38	85	10	1	5	29
weekly	66	78	24	2	7	21
monthly	54	14	15	1	5	21
less often	91	19	21	1	7	35
first time	39	10	7	1	1	10

Walking DogWalkin Cycling Horse Ridii Running Wildlife

0.00%

0.19%

0.39%

0.19%

0.19%

0.19%

0.00%

0.97%

1.36%

0.97%

1.36%

0.19%

0.17%

5.64%

4.09%

4.09%

6.81%

1.95%

0.19%

1.95%

4.47%

2.92%

4.09%

1.36%

2.92%

7.39%

12.84%

10.51%

17.70%

7.59%

7.00%

16.54%

15.18%

2.72%

3.70%

1.95%

7b. At what times if year do you use this route?

Jan/Feb/Mar	12	2.33%
Apr/May/Jun	46	8.95%
Jul/Aug/Sep	83	16.15%
Oct/Nov/Dec	41	7.98%
all year round	362	70.43%

8. Which rights of way around Sizewell do you visit the most?

Aldringham Walks	167	32.49%
Broom Covert	47	9.14%
Goose Hill	100	19.46%
Leiston Common	106	20.62%
Kenton Hills	226	43.97%
Leiston paths north to	101	19.65%
Leiston paths south to	102	19.84%
beach south of the pov	224	43.58%
Reckham Pits Wood	38	7.39%
Beach footpaths	259	50.39%
Sandlings Walk north	142	27.63%
Sandlings Walk east/w	140	27.24%

Sandlings Walk (Aldrir	156	30.35%
Sandy Lane	72	14.00%
Suffolk Coastal Path (/	148	28.79%
Suffolk Coastal Path (k	262	50.97%
Suffolk Coastal Path (r	240	46.69%
Sustrans Route	37	7.20%
Minsmere	11	2.14%
Dunwich Heath	5	0.97%
Sutton Heath	1	0.19%
Westleton	1	0.19%
Tunstall/Chilesford	1	0.19%
First day here	1	0.19%
Paths towards Minsme	1	0.19%
9. What is it about thes	e routes that e	ncourages you to use them
to reach a specific des	61	11.87%
circular routes	279	54.28%
part of long distance p	92	17.90%
oon lot dog off the loos	221	44 040/

m? can let dog off the leac 231 44.94% 59 11.48% hard surface 66 12.84% soft surface close to home 212 41.25% toilets/café 125 24.32% 325 63.23% views 74.12% 381 peace & quiet wildlife 318 61.87% car park provided 225 43.77% 26 5.06% good access for buggio 195 37.94% feels safe 109 21.21% paths well signed/inter variable terrain 1 0.19% beach 2 0.39% 0.19% visiting 1 heritage 1 0.19% 3 view of the ocean 0.58% bird watching 1 0.19% fungi recording 1 0.19% dry surface 2 0.39% 1 no pheasants 0.19% 2 0.39% enjoy area 1 0.19% memories exercising the dog 1 0.19% clean and dry 1 0.19% meet dog walkers 1 0.19% no charge 1 0.19% 3 0.58% well maintained 1 0.19% pub exploring 1 0.19% no traffic 1 0.19% The Eels Foot Inn 1 0.19%

10. Interested in visiting viewing platform during construction

245

185

2

0.39%

47.67%

35.99%

health walks

yes

no

not sure	77	14.98%
Gender		
Male	247	48.05%
Female	259	50.39%
Alone	135	26.26%
Group	293	57.00%
Age		
under 20	6	1.17%
20 - 44	80	15.56%
45 - 65	282	54.86%
65+	136	26.46%

APPENDIX D: MITIGATION MEASURES SUGGESTED BY SURVEY **RESPONDENTS AND SURVEYORS**

Location	Impacts	Mitigation options
Eastbridge- Minsmere Sluice	Noise, loss of circular routes to the south along Sandlings E-W and Bridleway 19; deflection north onto Minsmere and Dunwich Heath; loss of business to Eels Foot Inn. Potential increase in dog walkers deflected from Kenton Hills.	Negotiate permissive east-west access through Minsmere without need to pay; improve paths for cyclists and walkers to the west and north east of Minsmere to connect to facilities at Dunwich Heath coastguards; consider screen planting /bunding along northern boundary of construction zone; improve coastal path between Dunwich Heath and Minsmere Sluice Path (currently covered by shingle ingress). Improve car parking by Farm building by path junction in Eastbridge. Improve path to the west of the junction to link through to Eastbridge Road near Potters Farm. Install signage of alternative routes from this junction to Leiston and Dunwich Heath.
Dunwich Heath	Need to alert and compensate long distance walkers and cyclists from heading south when Costal Path is closed. Increased level of use leading to lack of car parking capacity.	Set up shuttle bus service from Dunwich Heath, via Eels Foot Inn, Kenton Hills to Sizewell Beach i.e. between camp sites and holiday parks for times when the Coastal Path is closed. Negotiate improvements to visitor facilities at site with National Trust.
Minsmere	Clearly a very busy and wildlife sensitive site which may need to absorb more through routers who would otherwise have used the Minsmere Sluice Path and the Coastal Path heading north and south.	Negotiate permissive east-west access through Minsmere without need to pay; improve paths for cyclists and walkers to the west and north east of Minsmere to connect to facilities at Dunwich Heath coastguards; consider screen planting /bunding along northern boundary of construction zone; improve coastal path between Dunwich Heath and Minsmere Sluice Path (currently covered by shingle ingress). Improve car parking by Farm building by path junction in Eastbridge. Improve path to the west of the junction to link through to Eastbridge Road near Potters Farm. Install signage of alternative routes from this junction to Leiston and Dunwich Heath.
Sizewell Beach	Need to alert and compensate long distance walkers and cyclists from heading south when Coastal Path is closed.	Users would prefer that closure of coastal path be avoided. Set up shuttle bus service from Dunwich Heath, via Eels Foot Inn, Kenton Hills to Sizewell Beach i.e. between camp sites and holiday parks for times when the Coastal Path is closed. Fund improvement in toilet facilities and stepped access at Sizewell Beach. Manned information point for long distance users.
Kenton Hills	Noise and disturbance to users and wildlife. Impact on hydrology and therefore on wet meadows.	Bunding to the north of woodlands, signage deflection of users south onto Sizewell Belts and Leiston Common. Contribution to wildlife management organisations equivalent to biodiversity off-setting.
Aldringham Walks	Loss of safe route along Bridleway 19 for long distance users from Aldeburgh.	Improve north – south paths for cyclists between Aldeburgh and Eastbridge, along the disused railway line path of Aldringham Walks. Install a hard surfaced cycle path along the road that goes north past Kenton Hills to join up with the B1122 and then along the

Location	Impacts	Mitigation options
		B11222 to the Eastbridge Road junction.
Coastal Path south of Sizewell	Need to deflect long distance users and holiday makers from seeking to travel north when path closed.	Improve cliff path south towards Thorpeness and Aldeburgh and signage to it.