

PLANNING ACT 2008

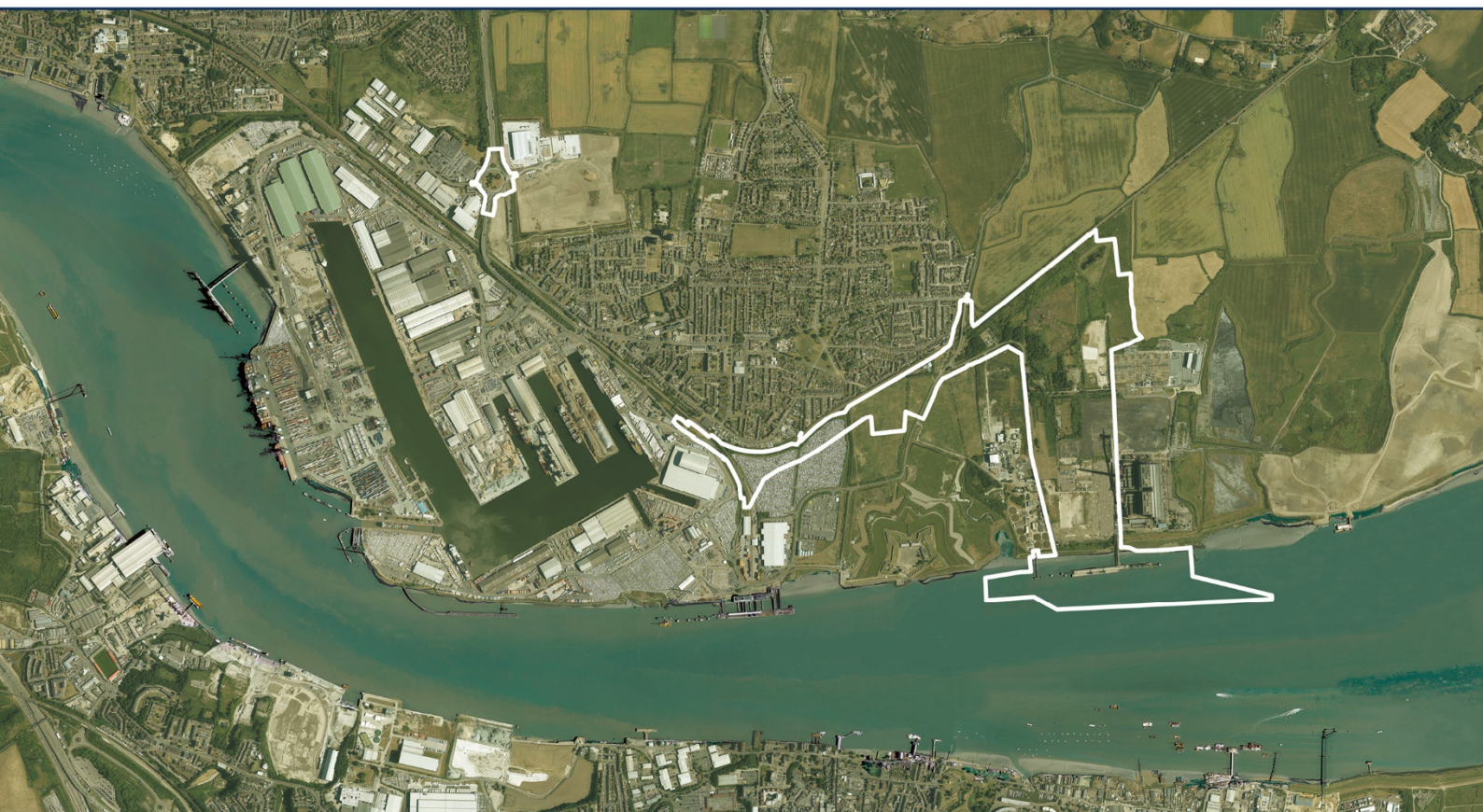
INFRASTRUCTURE PLANNING
(APPLICATIONS: PRESCRIBED FORMS AND PROCEDURE) REGULATIONS 2009

PROPOSED PORT TERMINAL AT
FORMER TILBURY POWER STATION

TILBURY2

BAT DROPPING DNA ANALYSIS RESULTS (2016)

DOCUMENT REF: APPENDIX 10.E



24 November 2016

Re: Bat Identification Results for Keir Parsons, Bioscan (UK) Ltd

Bat job number 8763, received 11 November 2016

Sample labelled: Sample 1

PCR amplification successful. DNA sequence:

GTCATGATGTGTAGTGTATGGCAAGAAATAAGCCGTTAGGATCTGTAGTCCCAAAC
AGATGCCTAATAGGGACCCAAAATTTTCATCATGCTGAAATGTTTGATGGAGCTGGTA
GATCAATGAATGAG

Phylogenetic analysis identification: *Pipistrellus pipistrellus*

Confirmed by maximum likelihood, maximum parsimony, bootstrap 100%.

Best regards,

The EcoWarwick Team

The results and conclusions in this report are based on an investigation of mtDNA sequence analysis. The results obtained have been reported with accuracy. The interpretation represents the most probable conclusion for the DNA sequence obtained rather than the sample provided given current levels of species data. It should be borne in mind that different circumstances might produce different results. Therefore, care must be taken with interpretation of the results especially if they are used as the basis for commercial recommendations.

Professor Robin Allaby

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24 November 2016

Re: Bat Identification Results for Keir Parsons, Bioscan (UK) Ltd

Bat job number 8764, received 11 November 2016

Sample labelled: Sample 2

PCR amplification successful. DNA sequence:

TCTGATGTGTAGTGTATGGCAAGAAATAAGCCCGTTAGGATCTGTAGTCCCAAACAG
ATGCCTAATAGGGACCCAAAATTTTCATCATGCTGAAATGCTTGATGGAGCTGGTAAAT
CAATGAATGAG

Phylogenetic analysis identification: *Pipistrellus pipistrellus*

Confirmed by maximum likelihood, maximum parsimony, bootstrap 100%.

Best regards,

The EcoWarwick Team

The results and conclusions in this report are based on an investigation of mtDNA sequence analysis. The results obtained have been reported with accuracy. The interpretation represents the most probable conclusion for the DNA sequence obtained rather than the sample provided given current levels of species data. It should be borne in mind that different circumstances might produce different results. Therefore, care must be taken with interpretation of the results especially if they are used as the basis for commercial recommendations.

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24 November 2016

Re: Bat Identification Results for Keir Parsons, Bioscan (UK) Ltd

Bat job number 8765, received 11 November 2016

Sample labelled: Sample 3

PCR amplification successful. DNA sequence:

TTTGATGTGTAGTGTATGGCAAGAAATAAGCCCGTTAGGATCTGTAGTCCCAAACAG
ATGCCTAATAGGGAACCCAAAATTTTCATCATGCTGAAATGTTTGATGGA

Phylogenetic analysis identification: *Plecotus auritus*

Confirmed by maximum likelihood, maximum parsimony, bootstrap 100%.

Best regards,

The EcoWarwick Team

The results and conclusions in this report are based on an investigation of mtDNA sequence analysis. The results obtained have been reported with accuracy. The interpretation represents the most probable conclusion for the DNA sequence obtained rather than the sample provided given current levels of species data. It should be borne in mind that different circumstances might produce different results. Therefore, care must be taken with interpretation of the results especially if they are used as the basis for commercial recommendations.

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