



ENVIRONMENTAL STATEMENT – VOLUME 3 – APPENDIX 7.6

Biodiversity Receptor Results

Drax Bioenergy with Carbon Capture and Storage

The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations, 2009 – Regulation (5(2)(a))

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TABLE OF CONTENTS

1. BIODIVERSITY RECEPTOR LOCATION AND RESULTS1

TABLES

Table 1.1 - Construction Noise Biodiversity Receptor Results – LAeq,T dB2

Table 1.2 – Operational Noise Biodiversity Receptor Results – LAeq,T dB2

Table 1.3 – Biodiversity Receptor Locations3

Table 1.4 – Biodiversity Receptor Description4

1. BIODIVERSITY RECEPTOR LOCATION AND RESULTS

- 1.1.1. **Table 1.1**, **Table 1.2** and **Table 1.3** show biodiversity receptor locations and results for both phases of construction and operational noise. **Figure 7.2** (document reference 6.2.7.2) shows the location of the biodiversity receptors. A description of the receptors is presented in **Table 1.4**.

Table 1.1 - Construction Noise Biodiversity Receptor Results – LAeq,T dB

ID	Earthworks	Piling	Earthworks & Piling	General Construction	All Activities
Biodiversity Receptor Stack	58	59	61	54	61
Biodiversity Receptor 1	57	57	58	56	58
Biodiversity Receptor 2	29	29	32	25	32
Biodiversity Receptor 3	25	25	28	20	28
Biodiversity Receptor 4	35	37	39	24	39
Biodiversity Receptor 5	32	35	37	22	37
Biodiversity Receptor 6	27	29	31	18	31

Table 1.2 – Operational Noise Biodiversity Receptor Results – LAeq,T dB

ID	Earthworks
Biodiversity Receptor Stack	51
Biodiversity Receptor 1	43
Biodiversity Receptor 2	25
Biodiversity Receptor 3	24

ID	Earthworks
Biodiversity Receptor 4	28
Biodiversity Receptor 5	27
Biodiversity Receptor 6	22

Table 1.3 – Biodiversity Receptor Locations

ID	X	Y	Height (m)
Biodiversity Receptor Stack	466123.01	427236.73	239
Biodiversity Receptor 1	465819.42	427701.40	1.5
Biodiversity Receptor 2	466232.61	428250.98	1.5
Biodiversity Receptor 3	466430.46	428518.29	1.5
Biodiversity Receptor 4	466582.58	427846.49	1.5
Biodiversity Receptor 5	466791.86	427980.15	1.5
Biodiversity Receptor 6	466964.20	428107.65	1.5

Table 1.4 – Biodiversity Receptor Description

ID	Reason for Selection
Biodiversity Receptor Stack	Nesting/roosting peregrine falcon
Biodiversity Receptor 1	Suitable habitat for commuting and foraging bats, breeding and wintering birds
Biodiversity Receptor 2	Suitable habitat for commuting and foraging bats, otter and breeding and wintering birds
Biodiversity Receptor 3	Suitable habitat for commuting and foraging bats, otter, breeding and wintering birds, reptiles and amphibians
Biodiversity Receptor 4	Suitable habitat for commuting and foraging bats, breeding birds and reptiles
Biodiversity Receptor 5	Suitable habitat for commuting and foraging bats, otter and breeding birds
Biodiversity Receptor 6	Suitable habitat for commuting and foraging bats and breeding and wintering birds