

The Keadby 3 Low Carbon Gas Power Station Project

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The Keadby 3 Low-Carbon Gas Power Station Order

**Land at and in the vicinity of the Keadby Power Station site,
Trentside, Keadby, North Lincolnshire**

Preliminary Environmental Information (PEI) Report Volume II - Appendix 13C: Potential Areas of Contamination Baseline Risk Scores

The Planning Act 2008

**The Infrastructure Planning (Environmental Impact Assessment)
Regulations 2017**

Applicant: SSE Generation Limited

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1.0 INTRODUCTION

1.1 Overview

1.1.1 This Technical Appendix supplements **Chapter 13: Geology, Hydrogeology and Land Contamination** (PEI Report Volume I) and describes the additional details for the approach to assessment for land quality for the Proposed Development.

Table 1: Potential areas of contamination (baseline risk scores 3 to 5)

Site ID	Site name	Proximity zone ¹	Land use class ²	Relationship to cut/ fill/ construction work	Baseline risk score ³
S1	Keadby Power Station (formerly coal fired, current gas fired). Keadby Power Landfill (deposited waste included inert and industrial waste) also within S1 area, along with numerous tanks and former railway (southern-most boundary) and former farm (west)	Zone 1	Class 3	Cut	5
S2	Historic Landfill and BGS Recorded Landfill Site - Keadby Power Station. Deposited waste included inert and industrial waste	Zone 1	Class 3	Cut	5
S3	Historic Landfill and Licensed Waste Management Facility - John Brown Engineering Landfill. Deposited waste included inert and industrial waste, and liquid sludge	Zone 2	Class 3	Cut	4
S4	Historic Landfill and Licensed Waste Management Facility - Keadby Power Station. Deposited waste included inert, commercial and household waste	Zone 1	Class 3	Cut	5
S5	Historic Landfill - Keadby Central Electricity Generating Board. Deposited waste included inert, industrial, commercial and household waste	Zone 1	Class 3	Cut	5

Site ID	Site name	Proximity zone ¹	Land use class ²	Relationship to cut/ fill/ construction work	Baseline risk score ³
S6	Historic Landfill - Former Keadby Power Station and Registered Landfill - Transtore Industries. Deposited waste included industrial, commercial, household and special waste	Zone 1	Class 3	Cut	5
S7	Historic Landfill Site - PFA Settlement Lagoon	Zone 2	Class 3	Cut	4
S8	Historic Landfill Site - Keadby Power Station	Zone 3	Class 3	Cut	3
S9	Current railway	Zone 2	Class 2	Cut	3
S10	Former railway	Zone 1	Class 2	Cut	4
S11	Former railway sidings and conveyor system	Zone 1	Class 2	Cut	4
S12	Current PD Ports Marina and wharf including current warehouse and former railway and gasometer	Zone 1	Class 2	Cut	4
S13	Current depot	Zone 3	Class 2	Cut	2
S14	Current pumping station	Zone 1	Class 1	Cut	3
S15	Current pumping station	Zone 2	Class 1	Cut	2
S16	Current pumping station	Zone 3	Class 1	Cut	1
S17	Current pumping station	Zone 3	Class 1	Cut	1
S18	Current pumping station	Zone 1	Class 1	Cut	3
S19	Former tanks	Zone 1	Class 3	Cut	5
S20	Current Roe Farm	Zone 2	Class 1	Cut	2
S21	Former S L Cleaning Services; commercial cleaning services	Zone 3	Class 2	Cut	2
S22	Former tanks	Zone 3	Class 3	Cut	3

¹ Proximity zone definition is included within Table 1, Appendix 13B

² Land use class types are defined within Table 2, Appendix 13B

³ Baseline risk scoring method is defined within Table 3, Appendix 13B