



**Industrial Regulation – East Anglia Area**

# **Rookery Pit – ERF Environment Agency Update**

**8 March 2018 – The Forest Centre – Marston Vale**

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**Version 4.1  
08/03/2018**



Environment  
Agency

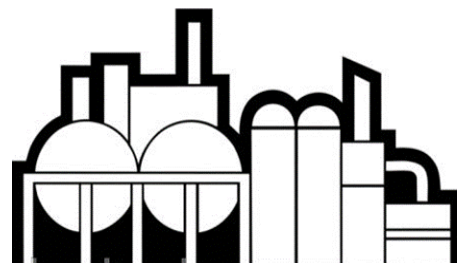


Cyfoeth Natural Resources  
Wales



Office for  
Nuclear Regulation

the Competent Authority

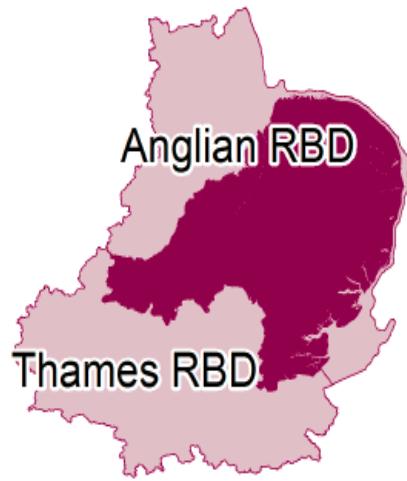




## Designations

Designations make up **13%** of Area

- 510** SSSIs
- 27** SACs
- 23** SPAs
- 24** RAMSARs
- 1** National Park



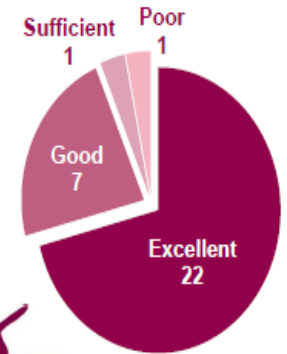
- 27** operational catchments
- 432** water bodies
- 12%** water bodies at good status or higher



**3,525** licensed abstractions

**59%** of Area underlain by principal aquifers

## Bathing Waters



## Water Companies

- Affinity Water (SO)
- Anglian Water (W&S)
- Cambridge Water (SO)
- Essex & Suffolk Water (SO)
- Independent Water Networks Ltd (W&S)
- SSE plc (W&S)



flood defences reduce risk of flooding to **193,359** properties

**165,721** properties in flood alert areas



**145,486** properties in flood warning areas



**3,789km** main rivers  
**1,848km<sup>2</sup>** coastal waters



**33%** area of land...  
**191,483** properties in areas...  
...at **risk** of flooding

**11%** area of land...  
**28,691** properties in areas...  
...at **high risk** of flooding

## Population



East Anglia 4.4 million

England 53.9 million



1.83 million households

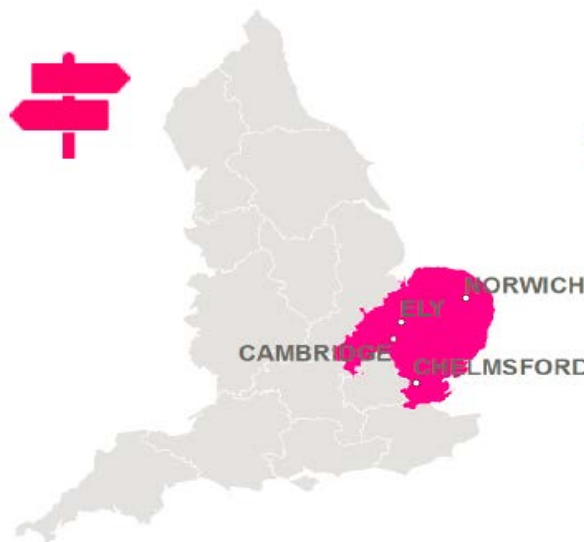


4 county councils

34 district/unitary councils

44 members of parliament

4 local enterprise partnerships



17,529km<sup>2</sup>

## Serious Pollution Incidents

2015

60

2016 YTD

18

at sites we regulate

at sites we regulate

20

7



2015

2016 YTD

1623

EPR permits

1620

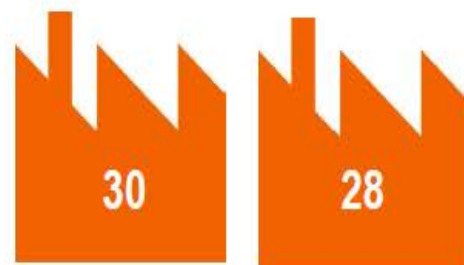
49 Poor performers

14

23 Persistent poor performers

2

83 COMAH sites



2015/16

2016/17 YTD

Active High Risk  
Illegal Waste Sites

# Environment Agency - Overview

- ➔ Within the 15 Areas of England we are responsible for:-
  - ➔ Permitting and Regulating Industrial Installations
  - ➔ Permitting of the remediation of Contaminated Land
  - ➔ Water Quality and Resources
  - ➔ Fisheries
  - ➔ Inland River, Estuary and Harbour Navigation
  - ➔ Conservation and Ecology
  - ➔ Flood Protection from main rivers, reservoirs, estuaries and the sea.
  - ➔ Category 1 Responder in Emergency Response.



The Environment Agency plays a critical role in the deployment of low carbon infrastructure





The Environment Agency is helping England adapt to the unavoidable impacts of climate change





The Environment Agency is enforcing air, water and land quality improvement targets for industry.

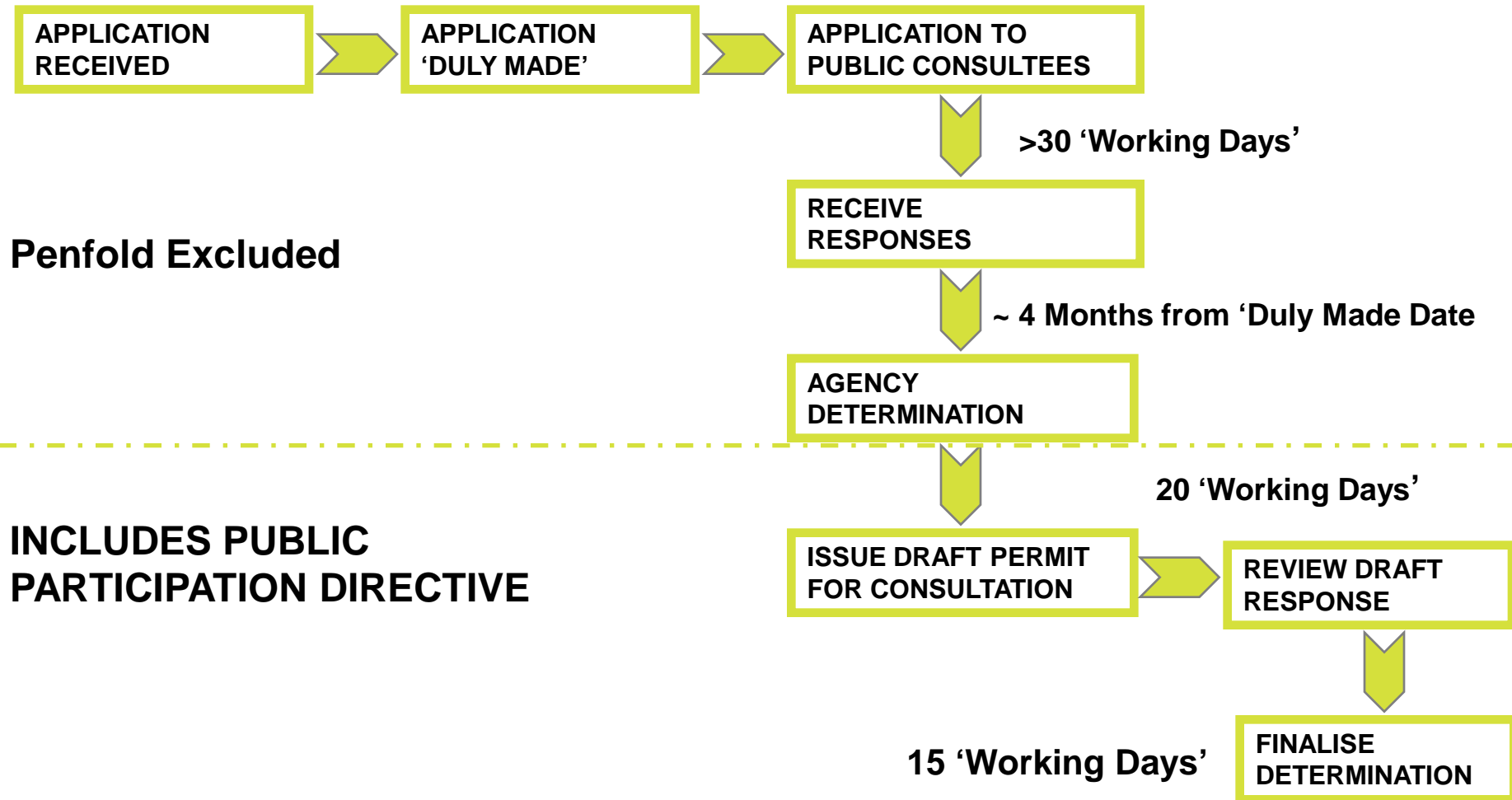




# Permit Determination Process

- ➔ Pre-Application Discussions
- ➔ Submit Application
- ➔ Duly Making
- ➔ Advertising and Consulting
- ➔ Evaluation
- ➔ Further Information
- ➔ Determination
- ➔ Draft Decision
- ➔ Consultation on Draft Decision
- ➔ Final Decision

# EP Regs. Determination Timescales



# Final Determination

We have taken into account:-

- Relevant environmental regulatory requirements and technical standards;
- Information on local population and sensitive sites and the impact of noise and odour from traffic on site

We were unable to take account of anything outside the remit of our statutory duty e.g. the proposed location of the site, which is done by the local authority via land use planning, and the impact of noise and odour from traffic travelling to and from the site.

- We are satisfied that the plant will be designed, built, operated and maintained to meet legal environmental standards (to meet the Industrial Emissions Directive) and to meet the conditions of their environmental permit.

## Permit with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Covanta Energy Limited  
Rookery Pit Energy Recovery Facility  
Rookery South  
Stewartby  
Bedfordshire

P04

Permit number  
EPR/WP3234DY

Prior to the commencement of commissioning, the Operator shall provide a written commissioning plan, including timelines for completion, for approval by the Environment Agency and obtain the Environment Agency's written approval to it. The commissioning plan shall include the expected emissions to the environment during the different stages of commissioning, the expected durations of commissioning activities and the actions to be taken to protect the environment and report to the Environment Agency in the event that actual emissions exceed expected emissions. Commissioning shall be carried out in accordance with the commissioning plan as approved.

# Commissioning & Enforcement

- Permit compliance will commence at the beginning of commissioning following the production of a commissioning programme as part of a pre-operational condition.
- Announced and unannounced inspections will occur throughout commissioning.
- Assessment of non-compliances and any enforcement response will be explained at the Panel which we will continue to regularly attend.

# Our Role will be to:-

- To check permit conditions are being met;
- To audit the results of monitoring submitted by the operator;
- To respond to incidents and complaints;
- To carry out investigations;
- To provide advice and guidance;
- To check progress against an agreed improvement programme or action plan.

# Compliance & Enforcement

- Compliance Assessment – Using our Common Classification Scheme (CCS).
- Enforcement – Using Enforcement & Civil Sanctions Guidance with Offence Response.
  - Operator Performance Benchmarking
    - Enforcement Moderation

# INDUSTRY REGULATION USEFUL LINKS

## ➤ EPR

<https://www.gov.uk/topic/environmental-management/environmental-permits>

## ➤ Best Available Techniques (BAT)

<https://www.gov.uk/guidance/best-available-techniques-environmental-permits>

## ➤ Rookery Pit - Decision Document and Final Permit

<https://www.gov.uk/government/publications/mk43-9ly-covanta-energy-limited-environmental-permit-issued>