

# An In-depth Look at the United Kingdom Integrated Permitting System

Exploring Global Environmental  
Protection Perspectives





# **An In-depth Look at the United Kingdom Integrated Permitting System**

Exploring Global Environmental Protection  
Perspectives

July 2008

US Environmental Protection Agency  
Office of Policy, Economics & Innovation  
National Center for Environmental Innovation  
[www.epa.gov/permits/integrated.htm](http://www.epa.gov/permits/integrated.htm)



## ACKNOWLEDGEMENTS

---

This report is the culmination of a two-year effort to research, assess, and document the United Kingdom (UK) integrated permitting system. The report is based on literature reviews and research along with site visits undertaken by United States (US) Environmental Protection Agency (EPA) staff, materials and feedback provided by officials from the Environment Agency for England and Wales (EA), and input from additional EPA office personnel, state environmental agency representatives, and other interested parties. In addition to personal communications, sources of information for the report include material from EPA's research efforts, UK internet and agency files, and texts and treatises by UK and US experts in the field.

EPA takes responsibility for any inconsistencies or misstatements in the report. We have striven to incorporate comments and consider feedback from those knowledgeable and willing to provide input about the topics discussed. To that end, we appreciate any additional thoughts readers may have to offer regarding this report specifically or the collaborative effort more generally.

We, the principal authors of this report, wish to acknowledge our sincerest appreciation to our UK EA colleagues for their generous support of this effort, especially Jim Gray, Tim James, Terry Shears, and the many others listed in Appendix A. The UK colleagues contributed numerous documents, sound and thoughtful advice, and untold weeks of personal time (including traveling to the US to support EPA conferences and hosting the EPA team in the UK).

We also wish to extend our gratitude to our state and EPA research team, network members and others who may have provided written text and comments on this report and/or participated in workshops supporting this effort (see the full list in Appendix A).

In closing, we wish to posthumously recognize Brenda Collington, a dedicated public servant for 29 years, for her enthusiastic participation in this effort. Brenda had a profoundly colorful, energetic, and creative spirit, and she is deeply missed by all.

David Beck, EPA National Center for Environmental Innovation (NCEI)  
Dave Bray, EPA Region 10  
Lisa Comer, EPA NCEI  
Shari Grossarth, EPA NCEI  
Kristina Heinemann, EPA NCEI  
George Wyeth, EPA NCEI



## LIST OF ABBREVIATIONS/ACRONYMS

---

AFD	Air Framework Directive (EU)
BAT	Best Available Techniques (UK), Best Available Technology (US)
BACT	Best Available Control Technology (US)
BATNEEC	Best Available Techniques Not Entailing Excessive Cost (UK)
BCT	Best Conventional Control Technology (US)
BPEO	Best Practicable Environmental Option (UK)
BMPs	Best Management Practices (US)
BOD	Biochemical Oxygen Demand
BPT	Best Practicable Control Technology (US)
BRE	Better Regulation Executive (UK)
BREF	BAT Reference Document (EU)
CAA	Clean Air Act (US)
CAFO	Concentrated Animal Feeding Operation (US)
CAP	Compliance Assessment Plan (UK)
CAR1	Compliance Assessment Report (UK)
CCS	Compliance Classification Scheme (UK)
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act (US)
CIA	Chemical Industries Association (UK)
CO	Carbon Monoxide
CO <sub>2</sub>	Carbon Dioxide
COD	Chemical Oxygen Demand
COMAH	Control of Major Accident Hazards (UK)
CoPA	Control of Pollution Act of 1974 (UK)
CWA	Clean Water Act (US)
DEFRA	Department for Environment, Food and Rural Affairs (UK)
EA	Environment Agency (UK)
EAL	Environmental Assessment Level (UK)
EC	European Commission
EU	European Union
EIPPCB	European IPPC Bureau
ELV	Emission Limit Value (EU) (UK)
EMS	Environmental Management System
EPA	Environmental Protection Agency (US)
EPAC	Environmental Protection Advisory Committee (UK)
EPP	Environmental Permitting Programme (UK)
EP OPRA	Environmental Protection Operator and Pollution Risk Appraisal (UK)
EP Regulations	Environmental Permitting Regulations (UK)
EQS	Environmental Quality Standards (EU)
ETS	Emission Trading Scheme (EU)
GBP	Great Britain Pound
H1	IPPC Horizontal Guidance Note for Environmental Assessment and Appraisal of BAT (UK)
H <sub>2</sub> S	Hydrogen Sulfide

HAP	Hazardous Air Pollutant (US)
HMIP	Her Majesty's Inspectorate of Pollution (UK)
HSE	Health and Safety Executive (UK)
IPC	Integrated Pollution Control (UK)
IPPC	Integrated Pollution Prevention and Control - EU Directive 96/61/EC
IP ICE	Integrated Permitting International Collaboration Effort (US)
ISO	International Organization for Standardization
LA	Local Authorities (UK)
LAER	Lowest Achievable Emission Rates (US)
MACT	Maximum Achievable Control Technology (US)
MCERTS	Monitoring Certification Scheme (UK)
MPP	Multi-Product Protocol (UK)
NACEPT	National Advisory Council for Environmental Policy and Technology (US)
NEPA	National Environmental Policy Act of 1969 (US)
NCEI	US EPA National Center for Environmental Innovation
NGO	Non-Governmental Organization
NM VOC	Non-methane volatile organic compound
NOV	Notice of Violation (US)
NO <sub>x</sub>	Nitrogen Oxides
NPDES	National Pollutant Discharge Elimination System (US)
NPS	National Permitting Service (UK)
NSR	New Source Review (US)
NSSC	Neutral Sulfite Semi-Chemical
OMA	Operator Monitoring Assessment (UK)
P4	Pollution Prevention in Permitting Program (US)
PM <sub>2.5</sub> , PM <sub>10</sub>	Particulate Matter (of 2.5 or 10 micrometers or less, respectively)
PPC	Pollution Prevention and Control (UK)
PPC Act	The Pollution Prevention and Control Act of 1999 (UK)
PPC Regulations	The Pollution Prevention and Control (England and Wales) Regulations of 2000 (UK)
PPD	Public Participation Directive (EU)
PSD	Prevention of Significant Deterioration (US)
RACT	Reasonably Available Control Technology (US)
RCEP	Royal Commission on Environmental Pollution (UK)
RCRA	Resource Conservation and Recovery Act (US)

预览已结束，完整报告链接和二维码如下：

[https://www.yunbaogao.cn/report/index/报告?reportId=5\\_10755](https://www.yunbaogao.cn/report/index/报告?reportId=5_10755)

