

PFAS - Better Understanding the Problem

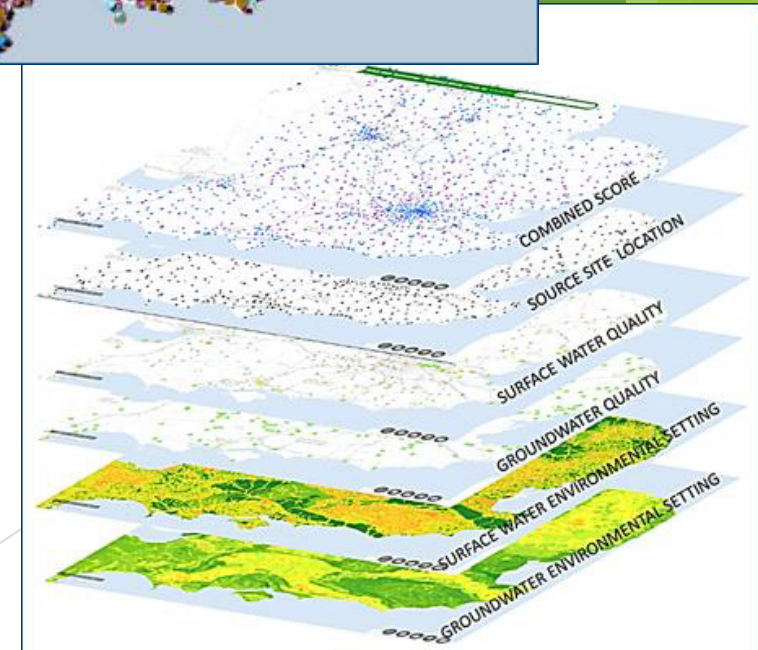
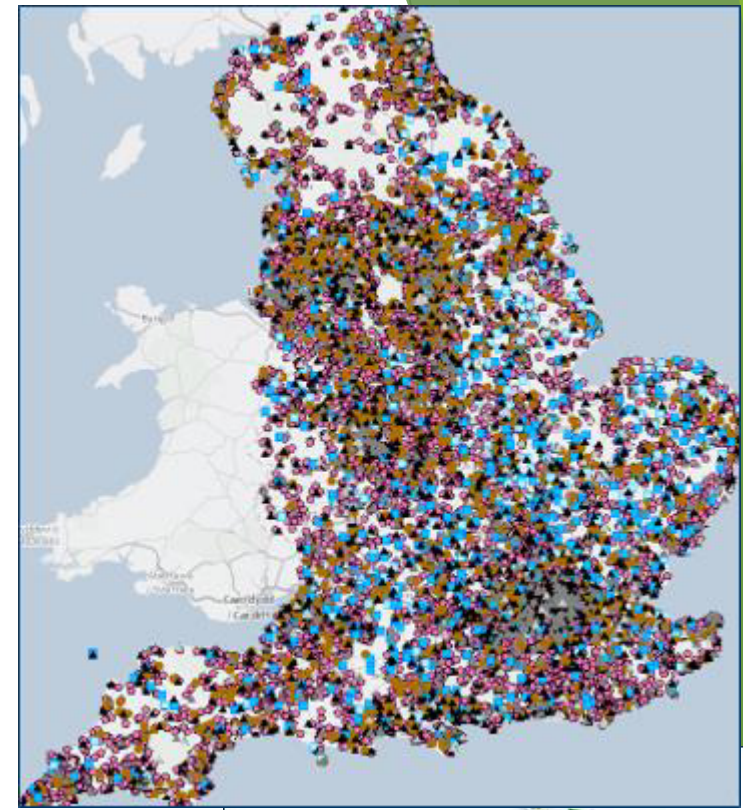
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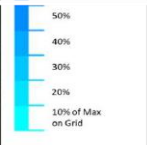
National Picture

- ▶ Building a picture of extent of the problem
- ▶ PFAS Risk Screening Programme - risk based prioritisation exercise
- ▶ Utilising EA groundwater and surface water data
- ▶ Information from permitted industries
- ▶ Local intelligence
- ▶ Third party data (water companies etc)
- ▶ Developing an evidence base for further action
- ▶ Drive for action - voluntary, regulatory e.g. permit or contaminated land legislation to address legacy impact



Sites of Concern

- ▶ National ➡ Regional ➡ Catchments ➡ Sites
- ▶ Current and historic landfills / commercial and military airfields / chemical facilities / wider industry e.g. paper, textiles etc
- ▶ Current emissions vs legacy contamination
- ▶ Challenges:
 - Cost and complexity / science running to catch up
 - Background concentrations?
 - Accredited analysis / detection limits
 - Risk assessment approach for various media types / receptors
 - Remediation technologies
 - Risk communication





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Thank you

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