



PFAS in Jersey



Dr Steve Hajioff

Chair of the PFAS Scientific Advisory Panel



PFAS Panel



Independent Chair - Dr Steve Hajioff

PFAS and environment - Prof. Ian Cousins

PFAS and health - Dr Tony Fletcher



Purpose of the panel

To coordinate and provide expert advice on per- and polyfluoroalkyl substances (PFAS) issues to enable an effective and evidenced based approach to decision-making, enabling a sound and informed response to PFAS matters on the Island.



Panel reports

1. Review of therapeutic phlebotomy (i.e. having blood taken to reduce PFAS levels)
2. Assessment of the impact of PFAS exposure on health
3. Clinical interventions, biomonitoring, PFAS blood testing and re-testing
4. **PFAS and the environment**
5. An update on the reports reviewing any additional evidence available



Approach

- ▶ Being led by evidence
- ▶ Working through consensus
- ▶ Involving experts by experience and subject matter experts
- ▶ Public involvement throughout the process
- ▶ Default to meetings being in public
- ▶ Ability to work in private where there is a need for confidentiality
- ▶ Regular engagement with key stakeholders in addition to panel meetings
- ▶ No surprises



The report development process



1. Panel agree scope of report
- 2. Public engagement at the start of the report**
3. Opportunity for Islanders to comment and ask questions
4. Review of the global evidence available
5. Subject matter experts and experts by experience invited to give evidence
6. Review of evidence
7. Report development
8. Draft report shared with Infrastructure and Environment team & Government
9. Draft report shared with the Islanders
- 10. Final report submitted to Government to consider the findings**
11. Once agreed with Government, report launch to Islanders with a public meeting



Key sources
of
information
for the
report

- Review and analysis of scientific literature
- Testimony from experts by experience
- Evidence from subject matter experts



Introduction and approach

- Introduction and approach
 - Types of PFAS and their chemistry
 - Chemistry of AFFF
 - PFAS in the natural environment and human infrastructure
 - Potential routes of human exposure
 - PFAS in the human body; Key human health effects to take into consideration
 - Context in Jersey
 - Hydrogeological survey
 - Other environmental measurements
 - Estimates of background serum levels



Report 4 areas

- International regulatory landscape
- Approaches to environmental testing
- Treatments to reduce PFAS in drinking water supplies
- Domestic and small-scale treatments to reduce PFAS in water
- Treatments of PFAS-contaminated solid materials
- Treatments of contaminated infrastructure
- Treatments for contaminated ground water




International regulatory landscape

- Drinking water
- Food
- Surface water, ground water and water for irrigation
- Soil and the wider environment
- Waste material




Approach to environmental testing

- ▶ Drinking water
- ▶ Ground water
- ▶ Sea water, sea spray and foam
- ▶ Waste water
- ▶ Soil
- ▶ Edible plant materials
- ▶ Animals and animal-derived food products
- ▶ Solid waste and sludge



Treatments to reduce PFAS in drinking water supply

- ▶ Granular activated carbon
- ▶ reverse osmosis
- ▶ ion exchange resins
- ▶ electrochemical, plasma, ultrasonic or gasification technologies



Interventions to reduce PFAS in other settings

- ▶ Treatments in the home to reduce PFAS in drinking water
- ▶ Treatments for PFAS contaminated solid material
 - ▶ Thermal incineration
 - ▶ Hydrothermal treatment
 - ▶ Other treatments
- ▶ Treatments for contaminated infrastructure
- ▶ Treatments for contaminated ground water



Call for
testimonies from
Experts by
Experience

Please use this email
PFASpanel@gov.je

Deadline for written testimonies 16th
March 2025



Call for testimonies from Experts by Experience

- Call for evidence from 11th February until 16th March
- The PFAS Panel will review **all** the written evidence (subject to consent)
- Islanders who wish to attend meetings and are selected by the Panel will be invited
- The Panel will select a cross section and invite up to eight people to give their testimonies
- The Panel meeting to hear from experts by experience is to be confirmed
- Selected Islanders can present at the usual public online meeting or in private with the Panel members, as preferred
- You may submit written evidence only if you prefer



Call for evidence requirements

- ▶ Please use the testimony form
- ▶ You need to consent to sharing your information with the Panel otherwise it cannot be used

Consent includes

- ▶ I consent to the processing of my personal information for the purposes of this review. I understand that such information will be treated as strictly confidential and handled in accordance with the provisions of the Data Protection (Jersey) Law 2018.
- ▶ I agree and I am aware that **if** I attend a public PFAS Panel meeting that this is recorded and in the public domain. *(only applicable if you attend a public meeting)*
- ▶ I understand direct quotes from testimonies or meetings may be used for this research and in report publications with all names of individuals remaining **anonymous**.



Next steps for Report 4

- Next Panel meeting: 27th February at 10am
- Mains water first
- Invite testimonies from Islanders by 16th March
- Review evidence from Islanders
- Hear from Experts by Experience on TBC (in public or in private)
- Invite subject matter experts to give evidence to the Panel
- Review global evidence
- Commence drafting process



Questions and comments





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