

**Member of the
Forum for Exchange of Information on Enforcement**

1. General Information:

Name Rochford, Maeve Ms / Mr
Appointed by (MS/Forum):
Nationality: Irish

2. Education:

Bachelor of Science (BSc) Environmental and Earth System Science (Geology) (NFQ 8),
 University College Cork.
 MSc. Environmental Engineering (NFQ 9), Queens University Belfast.

3. Relevant Employment

Present employment	Environmental Protection Agency Scientific Officer, Chemicals & Ecosystems Monitoring Team, Office of Radiation Protection and Environmental Monitoring (October 2023- Present). Licence Enforcement Inspector, Office of Environmental Enforcement (March 2015-October 2023).
Previous relevant employment	Junior Hydrogeologist / Project Environmental Engineer (March 2013- February 2015)

4. Relevant fields of in-depth expertise:

Area of expertise	Description
IED Regulation and Enforcement	As a licence enforcement inspector, I was responsible for the enforcement of a portfolio of EPA (IPC and IED) Licences. Analysis and interpretation of geoscientific and environmental data was a key part of my role, for example to identify key information such as the presence and trends of contaminants of concern, plume expansion and migrations, and estimated timelines for remediation and compliance. I was the inspector for a number of sites with historic and long-term groundwater contamination issues where the desired long-term outcome is an improvement of water quality. For example, where I identified the expansion of a contaminant plumes, it led to the development of remediation plans. An improvement to water quality will be achievable following implementation. Where the natural attenuation of contaminants has been identified as a feasible remediation option. I identified the need for a complete monitoring network to monitor improvements in groundwater quality. I continue to monitor the trends of contaminants closely to identify any stagnation of attenuation. I have experience in dealing with, and enforcement of, licensee non-compliances, incidents and complaints and the management of their resolution through compliance investigations and issuing of instructions and corrective actions to licensees. I am experienced in the conduct of site inspections and remote compliance assessment of EPA licensed industrial sites.
Water Framework Directive	I was the EPA's Office of Environmental Enforcement internal expert on the Water Framework Directive. I was responsible for the management of identified EPA licensed significant pressures to groundwater and surface waterbodies. I monitored the relationship between site activities and the level of compliance at significant pressure sites. I maintained and managed information on technical and enforcement actions. I tracked the implementation of actions at sites and associated outcomes. I led and advised inspectors in their understanding of the source-pathway and receptors associated with the site contamination and the impact on the waterbody. This created an understanding of how mitigation measures could be implemented. I guided and supported the establishment of site-specific enforcement action plans

5. Membership of relevant professional bodies:

International Association of Hydrogeologists (IAH)

6. Other Relevant Information:

I have specialist knowledge of and I am skilled in the area of geology, hydrogeological assessments, groundwater protection and contaminated land. I have significant experience in the enforcement of a broad range of EPA licensed industrial sites (IPC and IED) and associated assessment and interpretation of licensee compliance reports. These include monitoring reports for groundwater, surface water, air and noise; the remediation reports for groundwater, surface water and contaminated soil, environmental risk assessments and proposals for changes under licence conditions.