



# Flood Mitigation Services



## Emergency Flood Response and Planned Services Capability

Adler & Allan has many years of experience dealing with flooding incidents. Our response to these incidents has included emergency deployment, clean-up and post incident remediation. As UK clients are recognising the need to plan for flooding events we have built an impressive capability in the assessment, design and installation of flood mitigation measures.

Adler & Allan is unique in offering both initial Flood Response & Clean-Up as well as Flood Mitigation expertise.

Our Flood Response capability comes from Adler & Allan's market leading spill response capability nationwide for oil refining and supply companies, utility services such as electricity distribution, telecommunications and water as well as in logistics, finance, data centres and many other critical supply businesses.

**24/7 EMERGENCY RESPONSE**

**0800 592 827**

**[www.adlerandallan.co.uk](http://www.adlerandallan.co.uk)**



# Planned Services • Proactive Capability • Flood Mitigation

# Emergency Services • Reactive Capability • Flood Response

Item	Description	Detail
1	Flood Risk Assessment	Phase 1 General Assessment against flood map data Phase 2 Detailed Assessment against locally available data Phase 3 Full Risk Assessment including topographical survey for a particular site
2	Design & Build Flood Defence	<ul style="list-style-type: none"> <li>• Design of flood defence system for a particular site including drawings</li> <li>• Supply of stock and bespoke products</li> <li>• Installation of systems by skilled BPEC trained work teams</li> <li>• Tanking, kiosking, flood doors, non-return valves, drainage, barriers, submersible pumps</li> </ul>
3	Installation, Control & Monitoring	<ul style="list-style-type: none"> <li>• Project management – From assessment through to installation</li> <li>• Site &amp; Safety management, CDM, Safe Site Systems</li> <li>• Automated and semi-automated monitored systems to reduce labour requirement</li> </ul>
4	Planned Preventive Maintenance & Inspection	<ul style="list-style-type: none"> <li>• Programme &amp; Database management</li> <li>• Pre-event servicing</li> </ul>
5	Products	<ul style="list-style-type: none"> <li>• Stock / off the shelf items from UK suppliers</li> <li>• Design and development of systems to cater for particular needs</li> <li>• Bespoke – one off solutions for unique situations.</li> </ul>
6	Preparation	<ul style="list-style-type: none"> <li>• Strategically stock rapid deployment equipment</li> <li>• Train client in use</li> <li>• Regularly inspect &amp; maintain including post deployment service</li> </ul>
7	Post Event Review/ Remediation	<ul style="list-style-type: none"> <li>• Structural survey (e.g. for buildings affected by flood water above 600mm)</li> <li>• Decontamination, structures and contaminated land remediation</li> <li>• Toxicological / Chemical assessment and report</li> <li>• Rebuild and refurbishment</li> </ul>
8	Labour Force	<ul style="list-style-type: none"> <li>• Trained &amp; qualified labour</li> <li>• Engineers</li> <li>• Designers</li> <li>• Escalation to 100 operatives</li> <li>• Consultants</li> <li>• Experienced and qualified flood defence team</li> </ul>
9	Specific Items	<ul style="list-style-type: none"> <li>• Tanker Response, 6 hours of 80% of mainland</li> <li>• Modular flood barrier, rapid installation</li> <li>• Fast tanks for temporary storage</li> <li>• Pumps, various sizes and capabilities</li> <li>• Waste disposal and waste treatment</li> <li>• Team response – 4 hours to 80% mainland UK</li> <li>• Remote monitoring – systems, tanks, pumps</li> <li>• Submersible remotely monitored pumps</li> <li>• Filtration via Sockit to discharge</li> <li>• Automatically deployable flood systems</li> </ul>

Item	Description	Detail
1	Emergency Response & Deployment	<ul style="list-style-type: none"> <li>• Response Teams &amp; Equipment to site within 4 hours - 80% of UK</li> <li>• Tankers and large plant to site within 6 hours - 80% of UK</li> <li>• 15 Locations around UK</li> <li>• 200+ operational staff</li> <li>• Large plant and equipment stocks</li> </ul>
2	Site Management & Control	<ul style="list-style-type: none"> <li>• NEBOSH, SMSTS, CDM, UKPIA, CSCS, IOSH, training and qualified staff at various levels</li> <li>• Appointed Persons, Team Leaders &amp; Supervisors</li> <li>• Safe Site Systems for planned and emergency site management of third parties</li> <li>• Staff trained in asbestos, chemical, biological, electrical, confined space, hazard awareness</li> <li>• Staff experienced in use of all equipment including BA sets, test kits, specialist pumps &amp; barriers</li> </ul>
3	On Site Capability	<ul style="list-style-type: none"> <li>• Site and incident management</li> <li>• Inflatable boats for moving equipment</li> <li>• Mobile flood barrier erection and maintenance</li> <li>• Vehicles with wading capability (to 1m at present, limited no. of vehicles)</li> <li>• Emergency rescue capability</li> <li>• Pumping water via Sockit to surface or foul discharge</li> <li>• Rapid workforce escalation capability</li> <li>• Removal of waters by vacuum tanker</li> <li>• Temporary storage tank erection</li> <li>• Disposal of contaminated water</li> <li>• Chemical and biological contamination assessments</li> </ul>
4	Post Incident Capability	<ul style="list-style-type: none"> <li>• Toxicological Survey</li> <li>• Soft strip of equipment and fixtures</li> <li>• Removal of affected masonry</li> <li>• Sanitisation of surfaces</li> <li>• Dehumidifiers</li> <li>• Contaminated land assessment and remediation</li> </ul>



# National Coverage

With highly trained teams, specialist equipment and vehicles, and a nationwide network of depots, the Adler and Allan Group has grown to become one of the UK's leading emergency response service providers and oil and environmental services specialists.

- Waste Facility
- A&A Service Centre
- Alliance Partner



**SPEED, SERVICE AND  
ENVIRONMENTAL INTEGRITY**

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