

Gaea Environmental

Expert remediation solutions

Speak to an expert:
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About Gaea

Established in 2016 by experienced industry professionals looking to bring a new approach to the sector, Gaea Environmental is a specialist soil & groundwater remediation consultancy and contractor delivering a full range of remediation services for the insurance industry.

Along with our sister companies, Gaea provides services across most parts of the UK and Ireland, including ROI, Northern England, Southern Scotland, Wales and the Isle of Man. Our accessibility and flexibility means that we're able to respond quickly to jobs throughout these areas, helping to restore homes efficiently.

Our team enjoys a vast wealth of scientific knowledge and technical expertise in the sector, having led projects for other regional contractors since 1998 and establishing a reputation for reliable, effective and hands-on work. Experienced specialists ensure that every project is handled with professionalism and care at all times.

Our clients



Gaea partners with leading loss adjusters, insurers, local authorities, government bodies including the NIEA and the EA, property developers, property managers and private commercial enterprises to deliver remediation services across a wide section of the UK & Ireland.

Our expert consultants have extensive knowledge of the legalities surrounding the sector and support many solicitors in their handling of insurance claims.

“Gaea’s team members are all very experienced in their own individual areas of expertise. They carried out their commissions to the very highest standards, nothing was too much trouble and most of the time we didn’t even have to ask for something as it had already been done.”

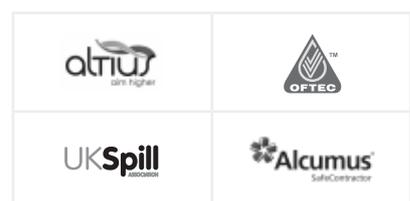
Mr S Alexander

Why Gaea?

We are proud of our team’s strong reputation in the sector, consistently delivering:

- ✓ an experienced, customer-focused and pragmatic approach to all projects;
- ✓ a positive customer experience from start to finish;
- ✓ specialist in-house expertise;
- ✓ efficient project turnaround; and
- ✓ 12-month warranty on all completed work.

Our accreditations





Our approach

We understand that an oil spill can be an unsettling and difficult time for homeowners; it is crucial to Gaea that we involve and communicate with the customer at all stages of the project, treating them with respect and empathy.

Effective project management is key to the way we work. We manage projects efficiently and professionally, progressing each at a good pace. Fast identification and response to issues, enabled by strong knowledge and experience of a wide range of techniques and technologies, allows us to react and continue promptly.

Importantly, our team will recommend a precise combination of solutions to remediate the site and no more; it's in everyone's interests that we return sites to customers as early as possible.

Clear communication

Before we enter onto any site, we meet customers face-to-face in their home so that they can get to know us, and discuss with us in plain English the work we'll be doing, how long it will take and to ask us any questions. Regular, honest and open communication throughout the project aims to minimise concerns and our senior team members are always on hand to guide customers and answer queries.

Great service

Gaea delivers:

- ✔ strong customer service and client partnerships;
- ✔ unparalleled technology and skills;
- ✔ a solutions-driven approach, utilising those techniques which will bring efficient and effective results;
- ✔ a hands-on and proactive management team, led by director-level experience; and
- ✔ a respectful and trusted approach to the homes of the families we work in.

How it works

1 Initial ground investigation

From start to finish we build quality into our processes, ensuring strong customer satisfaction, reassurance and a positive experience throughout.

At the outset of many projects, we will conduct a thorough initial site assessment. In most cases, this may be all that is required and will take the form of a soil vapour survey combined with hand auguring of the underlying sediments.

We will often examine indoor air quality, sewers, storm drains, building structures and nearby watercourses, referring to geological mapping and groundwater data sources and delivering a comprehensive overview of the state of contamination and identifying remediation need.

In emergency cases, we will take immediate action to prevent further loss and minimise risks, also supplying temporary heating or other solutions for policy holders. Other emergency prevention works can be recommended to limit contamination to the policy holder, third parties or controlled waters.

2 Initial site assessment reports

Within 7 days of a site assessment, we will issue our initial site assessment report detailing:

- ✓ the damage which has occurred, why and when;
- ✓ what the impact of the damage is;
- ✓ who and what is at risk now, and who and what may become at risk in the future;
- ✓ the remedial requirements based on the risks identified; and
- ✓ competitive costings and full breakdowns of remediation works.

3 Further investigation

Occasionally, further and more intrusive ground investigation may be required at the site. This may be necessary to fully define risks and, where possible, reduce the scope of works by applying risk management criteria to the site.

In keeping with our friendly, professional and proactive approach, we deliver ongoing project updates verbally to the customer to maintain regular and consistent communication, helping them to feel at ease.

Our services

We are proud of our team's strong reputation in the sector, consistently delivering:

- ✓ **EMERGENCY RESPONSE** services, including spill containment and oil recovery
- ✓ **OIL SPILL** remediation, including:
 - **Internal spills** affecting masonry and building fabric of commercial, residential and listed buildings;
 - **External spills** affecting gardens, open spaces or third party properties;
 - **Controlled water spills** to drains, culverts, ponds and surface watercourses
- ✓ **GROUNDWATER IMPACT ASSESSMENTS** and the design and implementation of groundwater remediation schemes
- ✓ **NON-OIL** remediation, including investigation, design and implementation of schemes for metals, organic contaminants, non-organic contaminants and asbestos contamination
- ✓ **TANK INSPECTIONS**
 - **OFTEC** tank surveys

Gaea acts as a 'first responder' for oil spills and other contaminants where required, taking fast and effective action to contain the spill, minimise loss and environmental impact. Following containment, we design, implement and validate remedial works which restore the environment as efficiently as possible.

Gaea staff are qualified and accredited by MCA and OPRC to oil spill Commander level for marine spills, and we also benefit from two in-house Dangerous Goods Safety Advisors, ensuring a consistently high level of safety and expertise.

4 What's next?

Following our initial site investigations, once Gaea is fully appointed we will commence work onsite at a time agreed with the homeowner, expediting the early phases of work to quickly make a difference.

Our senior management will be onsite regularly, monitoring progress and continually undertaking further investigation to quickly identify and address issues whilst guiding homeowners through the job to ensure they're kept fully up-to-date.

5 Scientific Validation & Reinstatement

Following successful remediation we undertake a validation process, applying scientific methods to collect proof that remedial objectives have been met; this may be through collection of soil, air and water from the area and independent forensic analysis with a UKAS-accredited laboratory.

Where analytical results are satisfactory, the property is fully reinstated to its pre-incident state. Gaea's own in-house teams of experienced tradesmen carry out all necessary reinstatement works, finishing projects to the highest standard.

Our technologies

Gaea's strength-in-depth team accesses a broad range of the very latest remediation technologies, coupled with strong scientific knowledge and expertise which gets the most out of the processes we implement. Tried and tested techniques include:

- ✓ In-situ chemical oxidation
- ✓ Enhanced bio-remediation
- ✓ Hydroxyl radical degradation
- ✓ Thermal desorption
- ✓ Chemical stabilisation
- ✓ Soil vapour extraction
- ✓ Air sparging
- ✓ Contaminant reduction
- ✓ Multi-phase extraction
- ✓ Bio-venting
- ✓ Ex-situ treatment
- ✓ Encapsulation

Leading development

Gaea strives to continue to develop and improve our working methods. Our engineering and fabrication division allows us to design and construct our own remediation equipment, going considerably beyond commercial technologies to create truly bespoke and highly functional solutions which support our forward-thinking and proactive approach to our work.

An extensive range of already-commissioned remedial apparatus is available to us, including multi-phase extraction trailers that can be mobilised to almost any site, powerful vapour extraction units and negative pressure units. We enjoy exclusive use of a large number of automated treatment systems, each of which can be set up to suit any scenario and is remotely controlled and adjusted.

Our other services

Forensic investigations

Gaea has built up considerable experience in the application of environmental forensics. Be it product identification, weathering or assisting in liability investigations, we are certain that our specialist team can add value and weight to your own services.

Our scientists enjoy 20 years' industry experience in environmental chemistry, with significant knowledge and expertise in soil, water and air quality contaminants, their toxicology and remedial potentials.

Expert consultation

Our team is often requested to provide expert services to various clients on projects as a third party. Our professional, objective and transparent approach means that we are trusted to deliver sound, independent advice which can be entirely relied upon.

Getting in touch

Gaea's team delivers a fast-response service to Northern England, North and Mid-Wales, Northern Ireland, ROI and southern Scotland.

Contact our professional and highly-skilled team 24 hours a day, 365 days per year, for more information about our services and to find out how we can help you:

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