GPT ENVIRONMENTAL

SERVICES BROCHURE

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Your partner in Liquid Pollution Prevention & Environmental Compliance

OFTEC Tank Inspections

New for 2025 we have expanded our services portfolio to include OFTEC tank inspections and remediation services.

As with all GPT services, these works ensure full compliance with relevant standards and legislation.

Inspections are conducted by qualified engineers, **registered under OFTEC 600A**, in accordance with the Oil Storage Regulations, PPG2, & BS 5410.

See page 33 for further details on this new service.

NEW • NEW • NEW •

GPT Environmental is a leading UK provider of comprehensive environmental management solutions.

With extensive hands-on experience and expertise in evolving environmental challenges, we deliver **tailored, practical, and sustainable strategies to help organisations achieve full compliance**.

Trusted nationwide, we specialise in pollution prevention, control, and maintenance, as well as delivering rapid incident response across a diverse range of industries and sites.

GPT Environmental

NEW • NEW

Our Services

01
Environmental Consultancy
Liquid Pollution Risk Assessments
Environmental Control Inspections
Site Investigation
Contaminated Land Remediation
Drain Tracing & Mapping
Drain Surveys & Repair
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24/7 Emergency Spill Response
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Design & Construction
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Specification & Install
Maintenance (6 monthly audits)
Maintenance (5 yearly integrity service)
Interceptor Repair
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Automatic Bund Dewatering
FilterSepta - Oil Separation System
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Additional Services
NEW! OFTEC Tank Inspections
Oil & Chemical Tank Decommissioning
Hazardous Waste
Industrial Cleaning

Liquid Pollution Risk Assessments (LPRA)

At GPT we help businesses meet their environmental responsibilities with expert Liquid Pollution Risk Assessments (LPRAs).

Our comprehensive assessments identify pollution risks on-site, evaluate potential pathways to the environment, and recommend proportionate control measures.

Our methodology is built around the **Source – Pathway – Receptor (SPR)** model to ensure every risk is clearly defined and managed.
The process includes:

1

Desktop Survey

We conduct a thorough desktop review before visiting your site to gather:

- Basic outline of site layout & operations
- Relevant legislation governing site activities
- Site geology, hydrology & hydrogeology
- Surrounding land use which may present additional risk e.g. fuel stations
- Presence of sensitive receptors

2

On-site Risk Assessment

A comprehensive on-site inspection is then conducted to assess your site's specific activities, storage practices, drainage systems, and existing control measures. We inspect:

- Sources: storage areas, industrial activities
- Pathways: existing drain plans are reviewed, where plans are missing or incomplete we can conduct drainage surveys to collect accurate information
- Existing controls: bunds, interceptors, spill kits, shut-off valves

Every identified risk is scored and prioritised using a RAG (**Red**–**Amber**–**Green**) system, so you know exactly where to act.

LPRAs not only help you achieve legal compliance, but also significantly **reduce the likelihood of environmental incidents, prosecutions, and reputational damage.**

Environmental Control Inspections

Once you have installed adequate pollution prevention & control measures, it is essential to establish a robust monitoring and maintenance programme.

An environmental control inspection ensures your control measures remain functioning correctly and helps maximise the effectiveness and lifespan of your assets.

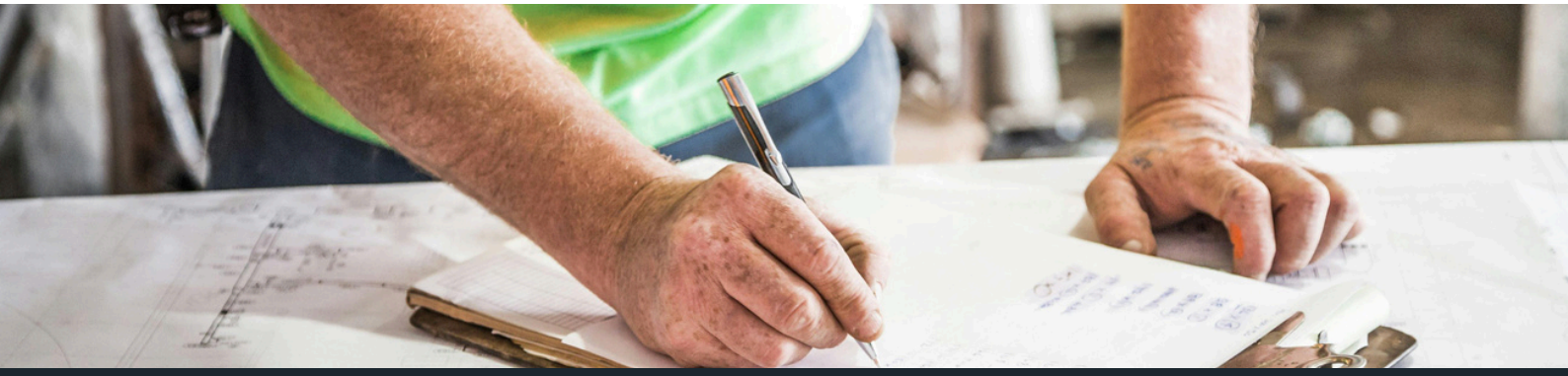
These visits usually take place **six monthly or annually** and are tailored to fit alongside any internal checks by site staff.

External audits ensure you remain compliant & provide third party validation that appropriate checks are in place for verification to Environmental Regulators and ISO 14001 auditors.

Following an inspection you will be provided with a **written report detailing the condition of your environmental controls,** with prioritised recommendations for any corrective actions necessary.

Control inspections typically assess existing:

- **Spill Kits** - ensuring kits are suitably located & adequately stocked
- **Bunds** - assess bund suitability & condition in line with relevant regulations e.g **CIRIA C736** & **Oil Storage Regulations**
- **Interceptors & Interceptor Alarms** - performing checks in line with **BS EN 858-2:2003**
- **Pumps/Sumps** - conducting maintenance on automatic bund dewatering devices
- **Shut-off Valves** - testing &/or servicing emergency closure devices
- **Tank & Pipe Testing** - visual inspections for leaks & corrosion, pressure testing where appropriate
- **Discharge Compliance -** sample discharges from drain outlets to measure water quality in line with permits
- **Documented Procedures -** assess whether site specific procedures are adequate and being observed on site



Site Investigation & Contaminated Land Remediation

Contamination issues are common on industrial and commercial sites, whether arising from recent incidents - such as chemical or oil spills - or from historic activities.

Industries such as manufacturing, mining, fuel storage, and chemical distribution frequently leave a legacy of ground contamination, particularly on sites operated during periods when environmental legislation was less stringent than it is today.

Typical contaminants found on industrial sites include:

- **Oils and hydrocarbons**
- **Heavy metals**
- **Hazardous chemicals**

Where contamination or the potential for contamination is identified, GPT offers **comprehensive contaminated land site investigations**, through which we will:

- Confirm the presence and type of contamination
- Delineate the extent of contamination
- Assess the potential risk to human health, property, and the environment
- Recommend proportionate, cost-effective remediation strategies

Phase I

Contaminated Land Survey

- Identify potential contaminants and areas of concern
- Review current and historical site use
- Inspect pollution reports, surrounding land use, ground conditions & potential receptors
- Consult relevant regulators and data sources

Phase II

Intrusive Survey

- Collect soil, groundwater, and gas samples to assess contamination, through lab analysis
- Findings compiled in a clear report aligned with client and regulatory needs
- **Source-pathway-receptor** model applied to evaluate risks and recommend any remediation

Phase III

Remediation Design

- If remediation is required, we develop a tailored strategy based on site-specific conditions and client priorities
- This considers contamination type, location, extent, project timescales, future site use, sustainability goals & consulting regulators

Phase IV

Land Remediation

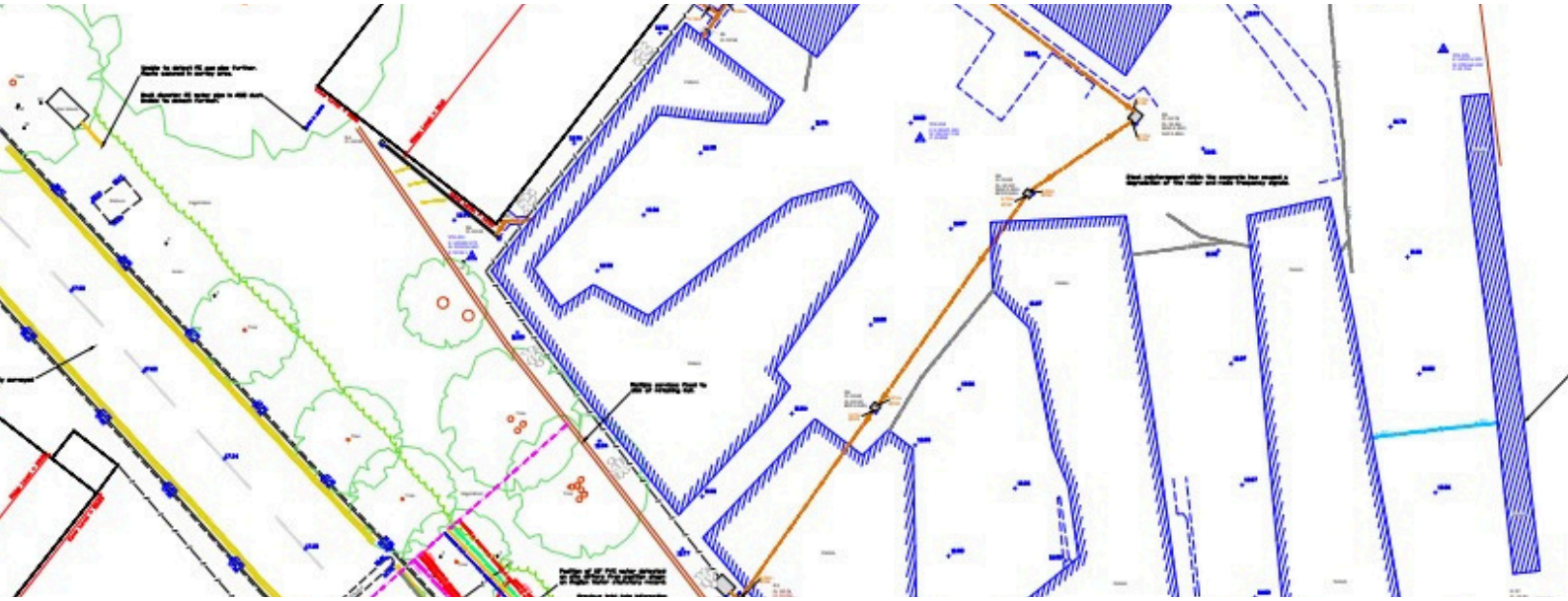
- Once the remediation strategy is finalized, we conduct works continuously reviewing methods for effectiveness and cost-efficiency
- All regulatory requirements strictly followed
- Comprehensive validation report provided upon completion

We have experience working on industrial sites, domestic sites and working with planners/developers to ensure our service is tailored to their needs. We can perform in situ or ex situ remediation of soil and groundwater contamination

Remediation strategies we can employ:

- Barrier Technologies
- Source Removal
- Vacuum Enhanced Recovery
- Soil Vapour Extraction
- Monitored Natural Attenuation
- Pump & Treat
- Containment & Skimming
- Bioremediation
- Air sparging

Drain Tracing & Mapping Surveys



Our Drain Tracing & Mapping Surveys can include:

- Identifying any environmental control measures e.g. interceptors
- An index of all drains
- Painting manholes with colour coded directional arrows
- Colour-coded depictions of surface water, foul water, and combined drains
- A list of pollutant sources and potentially polluting activities
- Investigating outfalls/off-site discharge
- CAD map showing the location, connectivity and flow direction of all site drainage

Drains are often the **primary pathways** connecting source to receptors.

A thorough understanding of your site's drainage system is a fundamental aspect of pollution prevention.

A well-designed and properly maintained drainage system plays a critical role in preventing pollutants - such as oils and chemicals - from entering nearby watercourses or contaminating groundwater supplies.

To support this, our drain mapping survey provides an accurate assessment of your site's drainage infrastructure.

The survey identifies surface water, foul drainage, and effluent pathways, along with interceptors, separators, and control devices such as drain closure mechanisms.

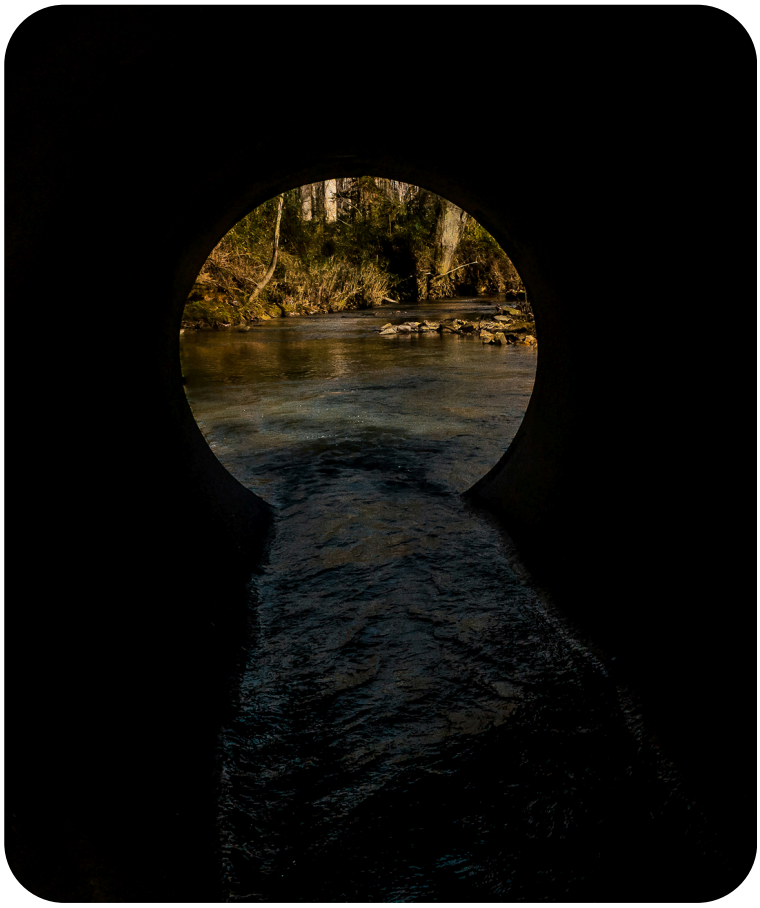
CCTV Drain Surveys & Repair

We specialise in identifying and repairing drainage issues before they cause serious environmental or operational problems.

While some drainage issues such as blockages and backups are immediately noticeable, many more serious problems - such as cracks, breakages, and collapses - **can go undetected for years**, potentially allowing pollutants to escape into the surrounding soil and groundwater.

Our CCTV drain surveys are designed to accurately assess the condition of your drainage network, pinpoint any faults, and recommend the most appropriate and cost-effective repair solutions.

Following the survey, you will receive a comprehensive report, complete with high-quality video evidence and a detailed list of any defects discovered.



Our CCTV drain surveys help identify a range of problems which we can then repair, including:

Collapses & Drain Replacement

If a drain has collapsed and needs replacing, this must be done by excavating & replacing the pipe

Root Ingress Cutting & Lining

Root cutter inserted to remove roots, followed by a liner installed to prevent any regrowth entering the system

Drain Alterations

We can conduct drain alterations to fix common problems such as misconnections

Breakages & Relines

Trenchless technology can be used to reline without the need for excavation

Blockages & Jetting

Clearing blockages using high powered jetting equipment

Environmental Management Systems

Establishing an effective EMS is essential to ensure you are complying with legislation and effectively managing any activities which pose a risk to the environment.

Your EMS is the cornerstone to the company's environmental strategy, and is essential if you wish to achieve external accreditations such as ISO 14001, EMAS and Achilles.

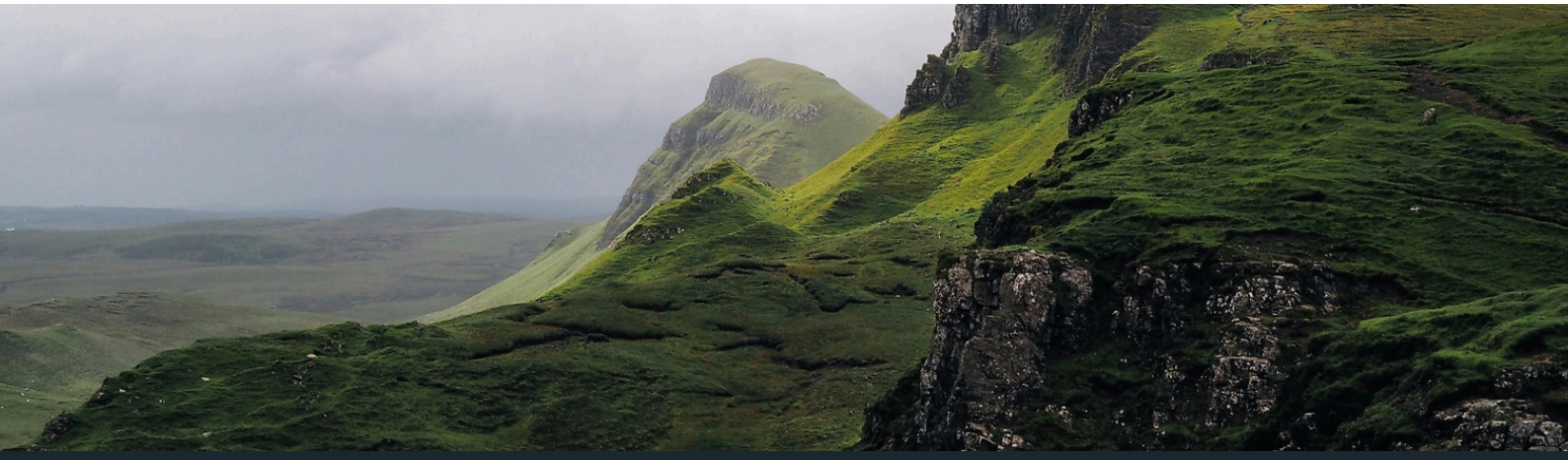
The process involves:

- Compiling a legal compliance register and a register of your environmental aspects.
- Developing a system of policies and procedures which ensures legal compliance and effective environmental risk management
- Initially assisting you achieve external accreditations
- If desired, supporting you in retaining your accreditations through ongoing monitoring to continually improve your environmental performance

Don't Forget...

Once you have established an EMS and had it externally accredited, we can help you to maintain your environmental accreditations by conducting periodic **environmental control inspections**.

See page 2 for more information on this ongoing support.



24/7/365 Emergency Spill Response

01656 741799

Spillages on site can cause major damage to people, the environment and property as well as disrupting site operations.

You should have a UK Spill Accredited Contractor on your suppliers list & named in your emergency procedures to **ensure assistance is as quick & effective as possible**.

Set us up today for **FREE** as your UK Spill Accredited Emergency spill contractor.

ISAS INTERNATIONAL SPILL ACCREDITATION SCHEME ACCREDITED CONTRACTOR

UKSpill Accredited Contractor

- **No retainer**
- Trained professional workforce with over 30 years' experience
- We clean up all oils, chemicals & foodstuffs from any surface or environment
- Trained for working at height and Confined Space Entry
- Bespoke KPIs based on your requirements
- Can liaise with the regulators on your behalf
- Incident report following clean-up providing a record that correct remediation and waste disposal has been undertaken

Environmental Compliance Support

Permit & Consent Applications

Applying for permits, consents or exemptions required to undertake many industrial or commercial activities can often be a daunting task.

Our consultants have the experience to ensure applications are submitted correctly first time, **maximising the likelihood that the permit is granted as quickly as possible.**

GPT have a wealth of experience in liaising with environmental regulators, local authorities and sewerage undertakers in order to obtain the relevant authorisations for our clients.

We can also undertake any site modifications in order to gain an authorisation. Applications we regularly submit for our clients include:

- **Part A1 Environmental Permits**
- **Part A2 & Part B Environmental Permits**
- **Trade Effluent Discharge Consents**

CAR Notice - Breach Corrections

If you have recently had an EPR **Compliance Assessment Report** (CAR) which has recorded breaches of your Environmental permit we are able to help.

We have a wealth of knowledge in correcting non-compliances raised in CAR reports to **safeguard against a criminal prosecution and/or suspension or revocation of your permit**. We can help with all breaches, including:

- Infrastructure
- General management
- Incident management
- Emissions
- Monitoring and records, maintenance & reporting

Spill Response Training

While having spill containment measures such as spill kits on site is crucial, it is equally important that first responders are trained to use them correctly.

We offer comprehensive spill response training services designed to **equip your team with the competence and confidence to act swiftly** and effectively in the event of a spill.

Our courses are International Spill Accreditation Scheme (ISAS) accredited, ensuring the **highest standards** of training.

Train the Trainer Course

For organizations with large workforces or complex shift structures, a Train the Trainer course provides a cost-effective solution.

This program prepares key personnel - such as Environmental Managers, Health & Safety Managers, Internal Trainers, and Team Leaders - to deliver consistent, site-specific spill response training across the organization.

Classroom Session

Practical Demonstration

A typical training course is:

- Conducted on your site
- Lasts approximately 3 hours
- Includes a classroom session & practical demonstration
- Made bespoke to your procedures, site specific risks & control measures
- Capacity for up to 10 delegates
- International Spill Accreditation Scheme Approved
- Comes with a certificate for every delegate on successful course completion
- Comes with an optional 10 question test
- Discount is available for multiple sessions

Secondary Containment

Secondary containment is a critical element of effective environmental risk management, designed to prevent the release of hazardous substances in the event of primary containment failure.

Bunds form a key part of this strategy - acting as engineered barriers that **contain spills, minimising the risk of environmental pollution and regulatory breaches.**

We offer all bund services, including:

- **Design & Construction**
- **Surveys & Maintenance**
- **Repair**

Whether you're installing new infrastructure or maintaining existing systems, our experienced team ensures your bunds remain effective, **compliant**, and ready to protect your site, people, and the environment.

Bund Design & Construction

We provide expert bund design and construction services to ensure your containment systems are **fully compliant** with regulations, **tailored** to your specific operational needs, and offer robust **environmental protection**.

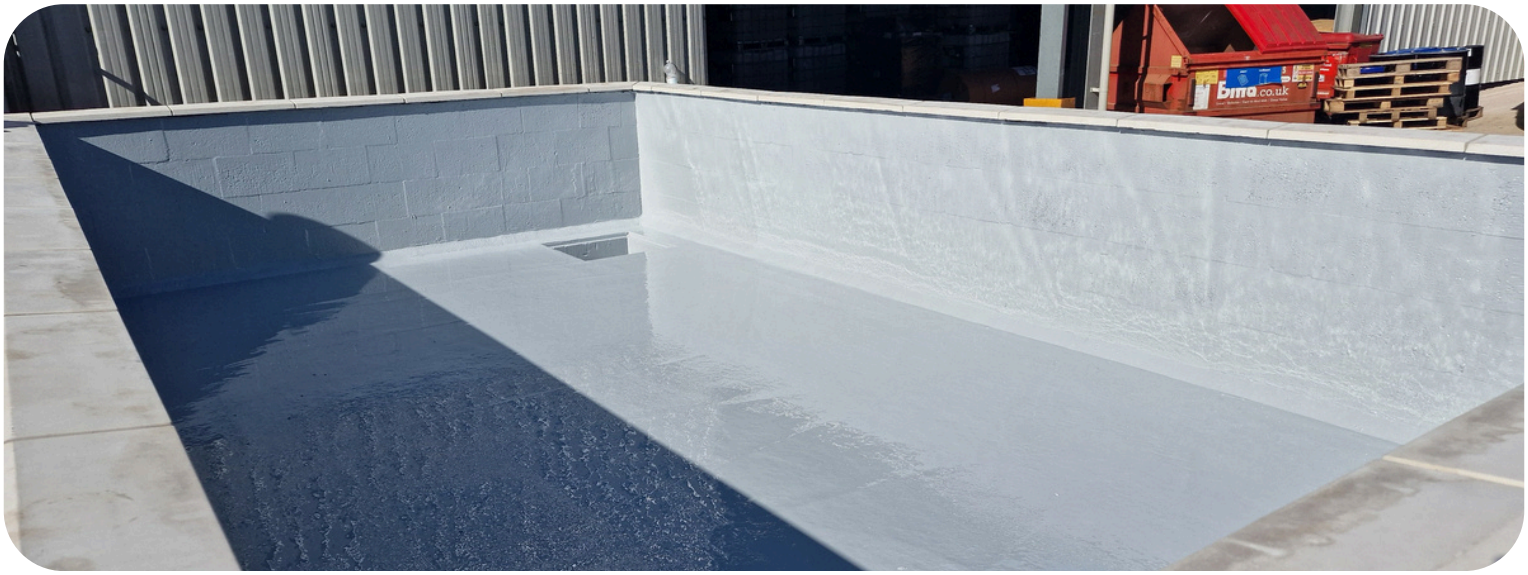
We are experienced in designing bunds of **all sizes** to ensure they are effective and comply with relevant regulations (such as the **Oil Storage Regulations** and **CIRIA C736**).

GPT bund design services include:

- **Brick built bunds**
- **ReBund**
- **Reinforced concrete bunds**
- **Sumps**
- **Filleted wall-floor joints**
- **Lining with appropriate chemical resistant two part epoxy resin**

When designing a bund, we consider:

- Size/capacity
- Construction material
- Penetration sealing
- Dimensions & wall height
- Specialist linings/coatings
- Automatic bund dewatering



Bund Surveys

Constructing high-quality bunds is only the first step in effective pollution prevention. **Ongoing maintenance and inspection are critical** to ensuring bunds remain functional, compliant, and capable of providing the necessary secondary containment.

Our bund surveys are designed to **assess the condition, integrity, and suitability** of your bunds. During a typical survey we will inspect:

- Structural integrity
- Bund wall penetrations
- Size & capacity
- Wall height
- Construction materials
- Specialist linings and coatings
- Refilling and dispensing points
- Bund location suitability

Following each survey, GPT will provide a **detailed report** outlining the condition of all inspected bunds.

Hydrostatic Testing

- For clients seeking to conclusively verify the watertightness of their bunds, we offer hydrostatic testing.
- Should defects be identified, we will also provide recommendations and, if requested, quotations for necessary repairs.

Structural Analysis

Conducted by qualified structural engineers. Using both manual calculations and TEDDS software, we can evaluate:

- **Overturning**
- **Sliding**
- **Crack control**

Provides evidence that your bunds can maintain containment integrity under expected conditions.

Bund Maintenance

Effective bunds are designed to capture spills of oils, chemicals, and other hazardous materials. However, they also tend to collect rainwater, leaves, litter, and other debris.

If this accumulation is not addressed, the **available containment capacity of the bund is reduced**, potentially causing it to fall below legal volume requirements.

We provide scheduled maintenance visits to ensure bunds remain clear of debris and excess rainwater, preserving their full containment capacity and operational integrity.

Our bund maintenance services include:

Periodic bund cleaning and clearing
Removal of rainwater, debris, and any accumulated contaminants from bund areas to restore full containment capacity.

Retrofitting of automatic bund dewatering systems
Where necessary, we can install devices to prevent overfilling between maintenance visits, ensuring regulatory compliance and reducing manual intervention.

Qualified waste classification and disposal
Our WAMITAB-qualified staff accurately classify waste from bunds. If hazardous, we handle full disposal as a licensed carrier and provide all required documentation for compliance.

Bund Repair & Reline

Unless a bund is watertight it cannot be considered an effective secondary containment measure, and **will not be compliant with legislation**.

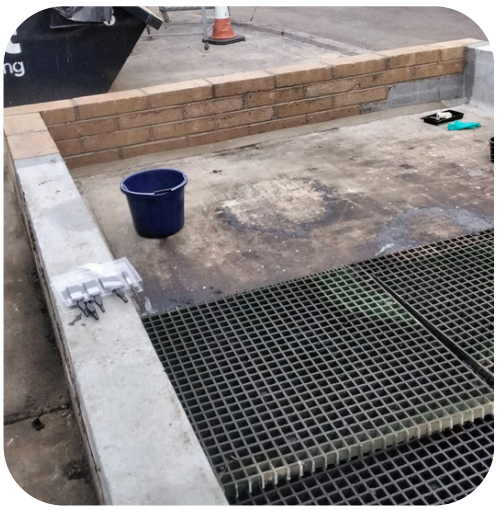
Defective bunds can be more problematic than having no bunds at all, masking leaks and giving a false sense of security. Over time, unnoticed leaching of oil or chemicals can cause severe damage.

GPT can repair most damage to bunds leaving them compliant at a fraction of the cost of replacing the bund.

We can also conduct all other updates as required, such as **increasing capacity**, **relining**, or **retrofitting a sump**.

Common problems we repair:

- Cracked walls & floor
- Unsealed pipe and cable penetrations
- Unsuitably lined bunds being attacked by the liquid stored
- Bunds with fundamental flaws e.g. damp courses & penetrations
- Material leaching through mortar or through wall/floor joints
- Bund upgrades such as increasing capacity to accommodate greater volumes



Following a bund survey at a client's depot, **critical defects were found** with a bund wall.

The repairs above significantly strengthened our clients' containment infrastructure, enhanced environmental safety, and aligned with relevant regulations including **The Control of Pollution (Oil Storage) Regulations**.

Bund Penetration Sealing

Where pipes or cables enter your secondary containment through the walls or floor it is essential that the joints are effectively sealed to **ensure the bund remains watertight** and resistant to attack from the material it holds.

GPT are experienced in sealing bund entry penetrations to ensure the bund remains compliant with key regulations such as **The Oil Storage Regulations** and **CIRIA C736**.

One of the most common cases where it is unavoidable to have bund penetrations are entries in transformer bunds. Often the cable entries are filled with expanding foam which does not provide a waterproof seal, allowing oil to escape the containment to ground.

We've developed a safe system of work for projects involving live high voltage cables; approved by major utility companies' safety teams.

This involves:

- Removing existing ducting and filler to ground level
- Preparing the floor & installing packers to ensure the void is completely filled
- Installing a chemical & oil resistant seal to ensure the bund is watertight

We provide specialist bund sealing services for a **wide range of sites & industries**, including:

- Transformer bunds with live high-voltage cables
- Oil storage facilities
- Industrial containment areas
- COMAH sites

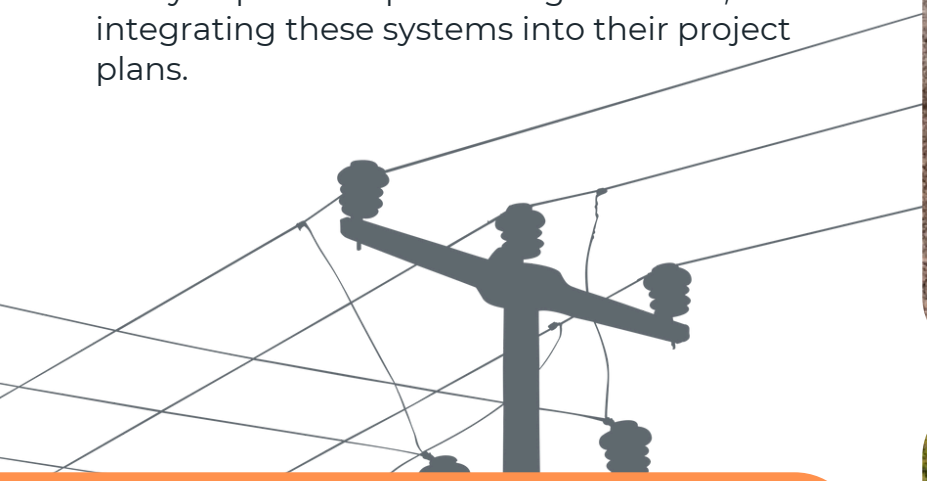
Creosote & Tanasote Pole Storage

Creosote and tanasote are toxic, hazardous substances. It is therefore vital that poles which are treated with these preservatives are stored responsibly, with controls to limit any leachate entering the environment. This is why **secondary containment is essential for the storage of the poles.**

Yet storage areas for these poles often do not effectively address the environmental risks present.

To solve this issue, we have engineered a bespoke range of filters, specifically designed to remove these contaminants from water.

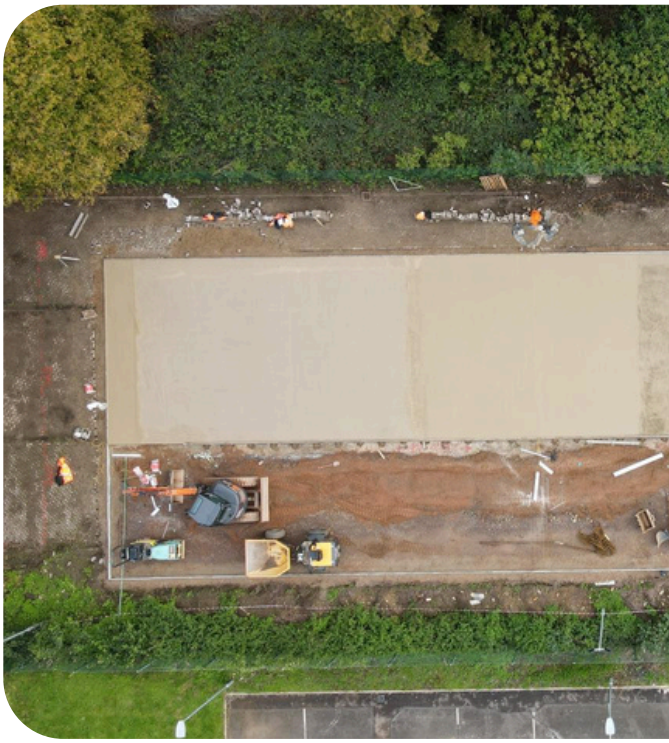
We can supply, install and maintain these risk-specific environmental controls directly, as well as collaborating with contractors designing utility depots and pole storage facilities, integrating these systems into their project plans.



Tanasote Impregnated Poles

Tanasote is a wood preservative that has been developed for industrial applications including utility poles. It enhances the durability and lifespan of the timber, and provides superior resistance to environmental stressors and biological threats.

Despite these benefits, Tanasote's Safety Data Sheet states that it is **corrosive** and **very toxic to aquatic life.** It is therefore crucial to establish designated pole stores where tanasote leachate is contained and managed responsibly.



Each storage facility presents unique challenges, requiring **bespoke designs** which balance environmental compliance with cost considerations. The appropriate solution depends on **site-specific conditions** and **discharge options**.

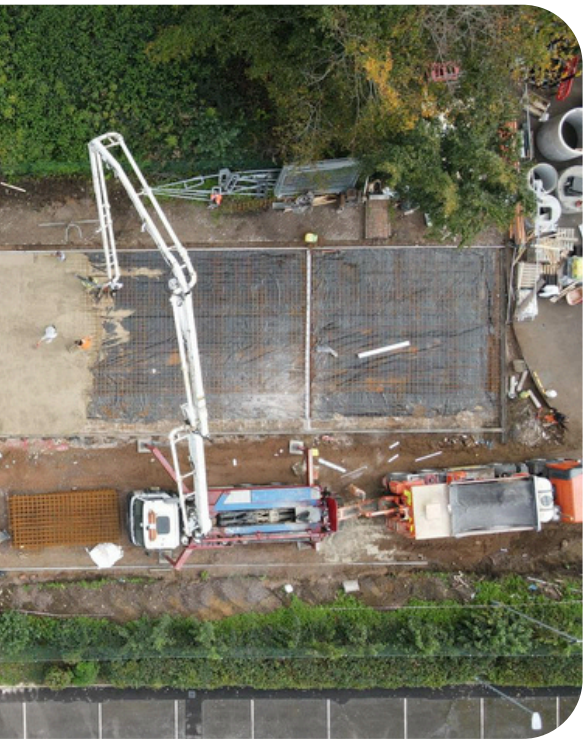
For locations with historical creosote or tanasote contamination, we also offer remediation services to restore impacted land and infrastructure - see page 3 for more.

Impermeable Surfaces

Where poles are stored on an impermeable surface, such as concrete, the creosote and tanasote leachate can then enter the site's drainage system, often discharging directly into controlled waters.

Our system for preventing the contaminants from leaving site consists of:

- Seal all civil joints
- Conduct drainage alterations to ensure leachate capture
- Install specialist filter designed by GPT



Permeable Surfaces

Where utility poles are stored on permeable ground such as chippings or grass, the leachate is able to enter the ground causing soil and groundwater contamination.

In these cases we install:

- An impermeable membrane beneath the area
- Chippings for membrane impact protection
- Creosote and tanasote selective absorbents installed
- A new drain run containing a specialist DNAPL filter

These fixtures are suitable for temporary storage only.

Interceptors / Separators

The purpose of an interceptor is to trap oil, silt, and/or grease to prevent these substances polluting the drainage system. The substance is retained within the separator until it is collected during a service or audit.

An interceptor is required where site activities may pose an unacceptable risk to the environment such that you may contravene UK legislation.

Many site personnel are **often unaware of the presence of an interceptor**, and therefore fail to keep the asset maintained and working effectively.

GPT can assist you with **any** interceptor obligations, whether you require **specification and installation** for a new interceptor, or **servicing and repairs** to maintain an existing one.

Standard sites where interceptors are present:

- **Petrol station forecourts**
- **Car washing stations**
- **Car parks**
- **Substations**
- **Distribution yards**
- **Large industrial premises**
- **Food processing facilities (grease interceptor)**

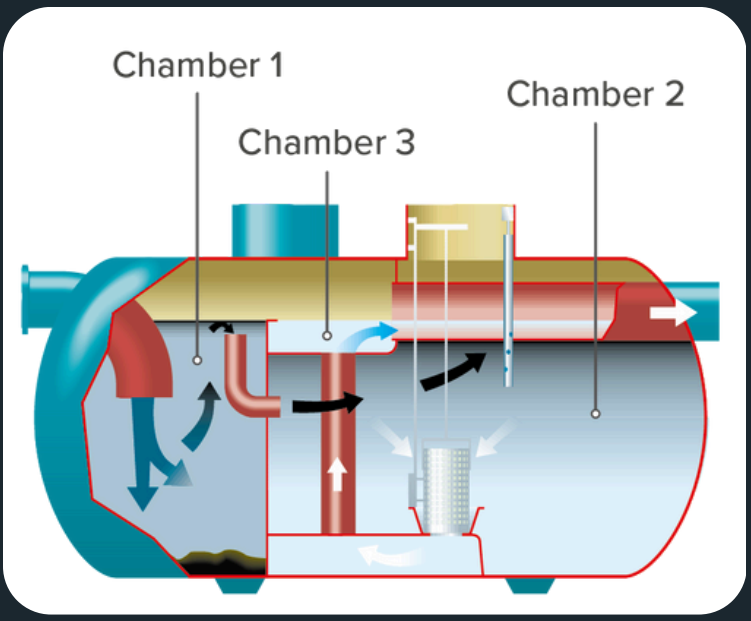
We have experience working on separators of **all types and sizes**, from **all manufacturers**.

***How it works:**

Contaminated surface water enters the primary chamber (1) where silt settles out and is retained.

The fuel, oil and other pollutants lighter than water, rise to the surface and are efficiently skimmed off and transferred to the separation chamber (2).

Water from the cleanest zone in the separation chamber flows through a coalescer unit, to remove smaller globules of oil, up to the outlet chamber (3) and thence to the outlet pipe.



*Whilst the diagram highlights the functionality of a Class 1 Bypass interceptor, we are experts in Class 1 & 2 Bypass & Full Retention interceptors.

Specification & Install

When required, installing an oil interceptor is a **critical component of site pollution prevention** - and one that demands careful planning, technical expertise, and precision.

GPT bring extensive experience in supplying and installing a wide range of oil interceptors, with a **deep understanding** of the variables that influence the need, complexity and success of these projects.

The operation and maintenance of oil separators is governed by **BS EN 858:2:2003 Separator Systems for Light Liquids (e.g. Oil and Petrol).** We design every interceptor install project to ensure compliance with these regulations.

The install process (where necessary) will include:

- Conducting a risk assessment of the catchment areas to identify the appropriate interceptor
- Specifying the most suitable location for the asset
- Conducting a services survey
- Undertaking geotechnical investigations to assess the suitability of the ground conditions
- Managing surface water drainage during install
- Installing & commissioning any specialist components, such as high oil alarms
- Surveying and managing groundwater levels during install

Interceptor Maintenance

The operation and maintenance of oil separators are governed by **BS EN 858-2:2003 Separator Systems for Light Liquids (e.g. oil and petrol)**. As per this British Standard, oil and petrol interceptors should be **inspected at least every six months** by qualified personnel.

Furthermore, an oil or petrol interceptor should have an **integrity inspection/service every five years**, or sooner if: a high level of silt is detected during routine inspection or; there has been a major incident in the drainage catchment area.

With decades of experience in separator management, GPT ensure you remain compliant with legislation.

- Fully compliant with ISO 14001 and UK legislation
- Alignment with BS EN 858-2 and best practice guidelines
- All works conducted by experienced field engineers

Contrary to some businesses' (financially motivated) recommendation, there is no regulatory requirement to send a tanker to empty your interceptor of water every 6 months (unless the oil or silt levels are critical).

6-Monthly Interceptor Audits

Our team's technical expertise ensures we identify faults early, recommend appropriate action, and deliver services that meet all regulatory requirements. A typical audit includes:

- Measuring oil layer thickness (removal advised at 80% capacity)
- Assessing sludge/silt accumulation (removal advised at 50% capacity)
- Testing the automatic closure device and checking alarm functionality (where present)
- Examining inlet and outlet for blockages, cleaning sampling shaft drain channels
- Inspecting the integrity of the system (as far as possible)
- Optional sampling and discharge analysis to verify no pollution is leaving the site
- Detailed written report with actionable recommendations

5-Yearly Interceptor Service

Proper servicing of oil and petrol interceptors is critical for maintaining environmental compliance and ensuring the continued effectiveness of your drainage system. GPT offer specialist interceptor servicing, with **tailored options to match your budget and site requirements.**

For both types of interceptor service we provide a complete service report detailing the work undertaken, interceptor condition, and waste audit trail, serving as evidence to external bodies (such as environmental regulators or ISO 14001 auditors) that a proper maintenance regime is in place.

CCTV Integrity Service

This is the most commonly used and cost-effective option, suitable for the majority of interceptors. It involves:

- Emptying and surface cleaning of the interceptor using a tanker
- Inserting a specialist CCTV camera system to record the internal condition
- Assessing structural integrity or detecting faults without confined space entry
- Video inspection report, detailing either a clean bill of health or highlighting areas requiring repair

Confined Space Entry (CSE) Integrity Service

For larger or deeper interceptors where CCTV cannot be used effectively, we provide a confined space entry service, which includes:

- Tanker emptying and surface cleaning
- Manual entry by a trained confined space team
- Video documentation of structural condition
- Manual removal of solids and minor repairs (e.g. reseating the coalescer)
- Diagnosis of defects and recommendations for repair scheduling

Interceptor Repair

A damaged interceptor can pose a serious risk to environmental compliance and may result in regulatory penalties or reputational damage. Yet due to their below-ground location, faults and damage often go undetected for extended periods, allowing oil to escape and cause surface water, ground, and groundwater contamination.

Our experienced team of environmental consultants and civil operatives carry out a **wide range of repairs**, including:

- Structural repairs to both GRP and brick built installations
- Replacement/repair of broken coalescer devices, high oil alarms and automatic closure devices
- Installing temporary control measures to treat the discharge during repair
- Sampling water discharge following repair to verify system is functioning correctly
- Final report with photographic evidence of repairs - in line with requirements of **BS EN 858-2**

Above: Structural GRP repair through confined space entry

Below: Coalescer filter refurbished and reset

Whether the damage is due to wear and tear, poor maintenance, or installation issues, it's **essential that repairs are undertaken promptly** by specialists with appropriate knowledge and certifications.

If you suspect or have identified damage to your oil or petrol interceptor, we highly recommend addressing it promptly.

GPT's experienced team can assist with effective repairs to help ensure your system continues to operate safely and in compliance with environmental standards.

Interceptor Alarms

To monitor critical levels within your interceptor between routine inspections, there are various alarm devices available which **detect and alert if high oil and silt levels are reached**. These systems provide early warnings, helping prevent environmental incidents and ensuring compliance with regulations.

These can be simple 'local' systems which link to an above ground beacon, or more technologically advanced systems that link to online portals or your Building Management System (BMS), showing you oil/sludge/grease levels in real time.

Specification & Installation

Range of alarms from basic to complex.

Can link smart systems to external devices e.g. BMS.

Can be mains or solar powered.

Install team will ensure the alarm is fully functioning & calibrated to the correct level.

Servicing & Maintenance

Assess the full functionality of the alarm.

If faults are identified we aim to complete repairs during the same visit whenever possible to reduce costs.

Can be carried out as a standalone service or included in our 6-monthly inspection audits.

Repair & Replacement

GPT can diagnose and repair most issues.

For older or basic systems, replacement may be more cost-effective.

Clear, practical advice on the best option to restore functionality and ensure compliance.

Labkotec
INDUTRADE GROUP

We are proud to be alarm manufacturer Labkotec's **licensed distributor, preferred installer and maintenance provider throughout the UK**. We are also experts in working with all other major interceptor alarm manufacturers, including Darcy, Aquasentry, Pyramid and Kingspan.

GPT has earned a trusted reputation for delivering reliable alarm solutions through expert *supply*, *installation*, *servicing*, and *repair*.

There are many versions of these systems, and the suitable device is site specific. Contact the GPT team to discuss the many options of interceptor alarms.

Pollution Control Technology

GPT are experts in a range of **pollution prevention devices** to ensure your site remains protected and compliant. We can install, maintain and repair these systems as a package, as well as take on the maintenance regime of existing systems. We offer:

Flapstopper

Automatic closure valves designed to prevent pollutants from escaping your site in emergency situations.

They are installed into your drainage system to provide tertiary containment, ready for both proactive and reactive use.

BundGuard

Automatic bund dewatering devices continuously monitor liquid levels within a bund.

These systems pump out water while leaving oil behind, ensuring the capacity of the containment area is not reduced by rainwater and remains compliant.

FilterSepta

FilterSepta is a cost-effective above ground system that guarantees a Class 1 discharge of water from the bund to surface water adhering to BS EN 858-1:2002.

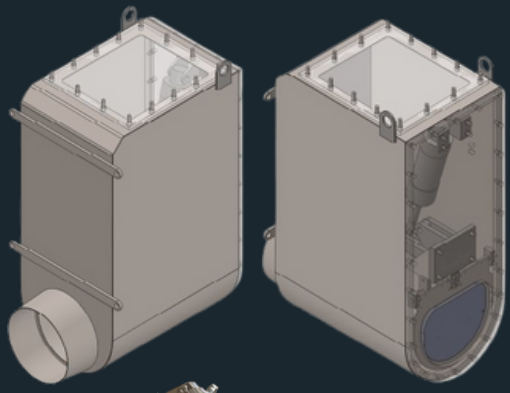
These above ground interceptors work in conjunction with automatic bund dewatering devices.

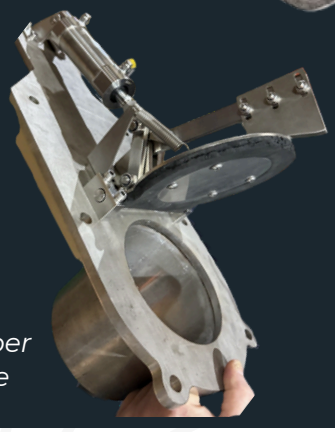
ReBund

ReBund is a flexible, modular bund system offering quick, cost-effective installation and compliance with environmental regulations.

It delivers robust and long-term protection against leakage and land contamination.

Left: Flapstopper Inlet Valve
Right: Flapstopper Outlet Valve





Flapstopper Inlet Valve

Flapstopper Drain Closure Valve

The Flapstopper is a pollution containment valve designed to **prevent pollutants from escaping your site in emergency situations.**

- Closes in a matter of seconds.
- Can be made bespoke to fit any sized drain.
- Manufactured from 100% stainless steel, or from specialist materials for sites with highly corrosive substances.
- Does not obstruct the normal flow of the drain.
- Can be installed on the inlet or outlet of a manhole chamber.
- Mains or solar powered options available & remains closed in a power outage.
- **Manual activation** via control box.
- **Remote activation** via relay boxes or text message.
- **Automatic activation** methods can be designed bespoke for most site specific needs, such as oil sensors, pH sensors, lactometers, fire alarms & high/low water level alarms.

Proactive Use

Preventative closure before high-risk activities (e.g., fuel deliveries) ensures that any accidental spills are contained.

If no incident occurs, the Flapstopper is reopened to allow normal water flow.

Should there be a spill, the hazardous substance is contained safely and collection can be arranged.

Reactive Use

In emergencies like spills or fires, activate the Flapstopper to contain contaminants within your drainage system.

Once the incident is controlled, you can arrange for the drains to be emptied and contaminants safely collected, reducing the environmental impact of an incident.

There are multiple activation methods, usage applications, and benefits to these devices. All aim to reduce the impact of an environmental incident and prevent liquid pollution.

Automatic Bund Dewatering

As most bunds are exposed to the elements and are therefore likely to fill with rainwater, the containment capacity can be compromised creating the risk of oil overtopping the bund wall in the event of a tank failure. It is therefore essential that robust measures are put in place to **extract rainwater from exposed bunds**, preventing a pollution incident.

Using advanced circuitry and micro-controller technology, BundGuard discriminates between oil and water, keeping oil contained and pumping water from the sump in the bunded containment area.

GPT can either install the system as part of a new bund, or retrofit the system into an existing bund. We can also take over the maintenance contracts for currently installed systems of all makes and models.

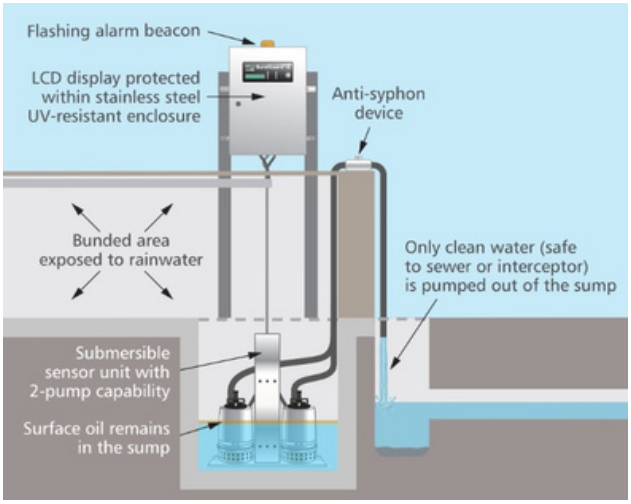
Benefits:

Protect your site 24 hours a day, 7 days a week, 365 days a year

Sustainable, cost-effective, easy-to-fit dewatering and high-oil system installed in a sump

Early warning alarm for abnormal oil level – allowing for timely action to prevent damage to the environment

How it works:



The robust, submersible stainless-steel sensor unit monitors the different liquid levels via a series of conductive probes. The control unit activates the pump as required to remove only clean water, safe to sewer or interceptor, depending on site circumstances.

The **Common Probe** 1 creates conductivity with the other probes when immersed in water.

The control unit monitors conductivity between the probes and activates the pump when the water level reaches the **Start Pump Probe** 3 and switches the pump off when the water level drops below the **Stop Pump Probe** 2

If the water level rises and reaches the **High Water Alarm Probe** 4 a second pump will be activated (if fitted).

The **High Oil Level Float Switch Alarm** 5 puts the control panel into high oil alarm & deactivates the alarm as the level drops below the float switch.

BundGuard 5

BundGuard is a cost-effective, self-contained and easy-to-fit automatic submersible pump and alarm unit that is installed in a sump, within a bund and works continuously and automatically 24 hours a day, 7 days a week, 365 days a year.

Rigorous tests show that oil present in water discharged by BundGuard is less than 5 ppm.

For sensitive site conditions only, if there is no underground interceptor tank, we recommend FilterSepta, a cost-effective above ground system that guarantees a Class 1 discharge of water from the bund to surface water adhering to **BS EN 858-1:2002**.

BundGuard ORS

The ORS system removes excess oil floating on the surface of sump water using the upper pump.

A float switch, attached to the IBC where the oil is being stored will trigger an alarm and instantly disable the oil pump when the vessel is full.

The control panel sends a simultaneous alarm to your Building Management System (BMS) and other remote monitoring systems so that prompt action can be taken.

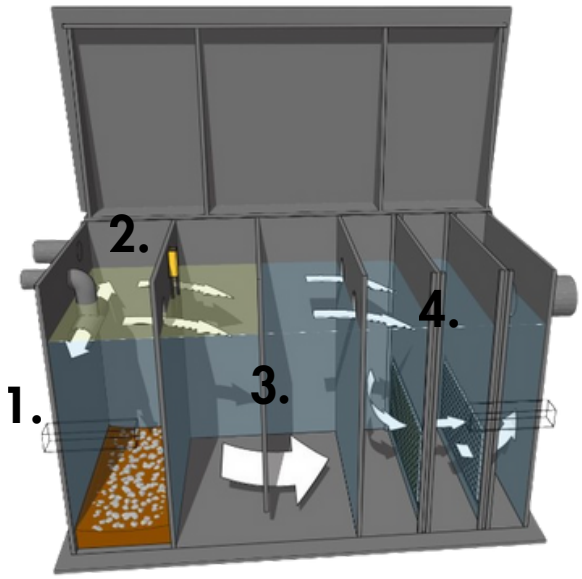
When the pre-set water level is reached in the sump, the lower pump is activated, operating independently, removing excess rainwater from the sump to a level that always keeps the lower pump primed.

FilterSepta

FilterSepta is an additional and highly cost-effective **secondary containment safeguard** for sites where extra caution is required, ideally partnered with the BundGuard.

FilterSepta removes any emulsified oil or debris, however small, still present in the pumped water which allows discharge through existing surface water drainage.

Ideal for both retro-fit and new installations, FilterSepta works as an above-ground interceptor and filter system.



1. Water enters through T-section to prevent the bottom of the chamber being disturbed by the water flow - allowing any silt & heavy solids to settle at the bottom.

2. Free oil will separate and form a layer at the top which then flows into the next chamber.

3. The outlet from the 2nd to 3rd chamber is at the bottom of the system, so only water that is free of oil is allowed to pass through.

4. Finally, two coalescing filters serve to remove any remaining suspended solids and emulsified oils, before discharge of the filtered water.

FilterSepta performs to the requirements of a Class 1 full retention oil/water interceptor and relevant section EN858-1:2002 under test conditions.

If, over time, there is a significant build-up of oil in the second chamber, there is an oil sensor that will shut off the BundGuard, and will alert the site of an issue.

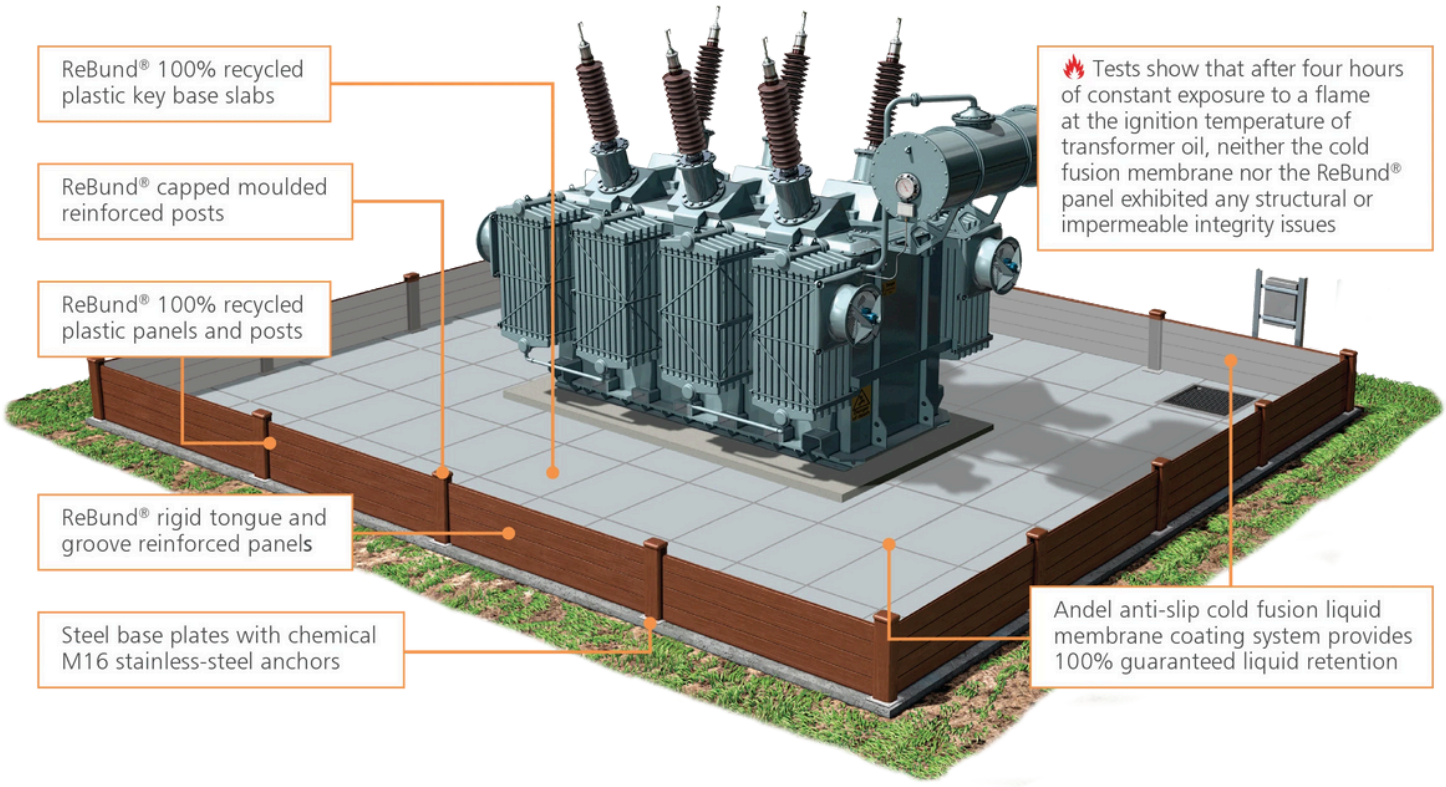
ReBund

ReBund delivers robust and long-term protection against leakage and land contamination for oil storage facilities, generators, transformers or any other oil bearing plant.

It is a modular, low-cost containment system giving long-term peace of mind to site operators.

Robust, cost-effective and easy to install, ReBund is primarily constructed from nonporous, durable, 100% post-industrial recycled plastic waste that would otherwise go to landfill, with steel reinforcement for added strength.

We are experts in the installation of ReBund on any scale, and can advise on any queries you have regarding this **secondary containment option** for your site.



- Modular system for easy transportation and speedy on-site assembly
- Must be installed on a level concrete surface
- Can be adapted to most shapes & sizes with shape flexibility saving space that could otherwise be wasted
- Minimal ground penetration
- Reduces carbon footprint compared to all-concrete construction

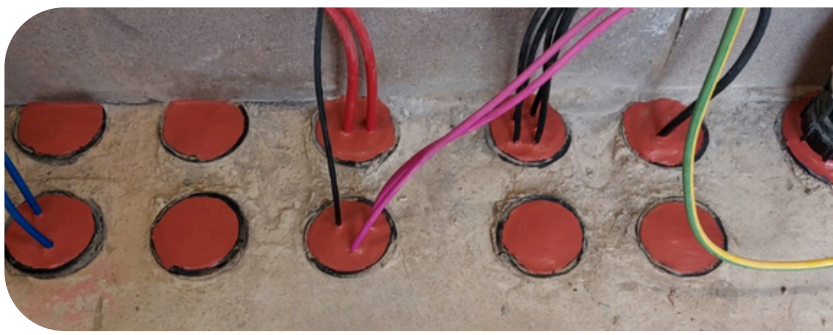
Cable Duct Sealing
Mastic

Our mastic duct sealing solution is a **multi-cable and pipe transit sealing system.** It provides an effective and simple solution to all fireproof, gastight and watertight duct sealing requirements.

Our expertise installing cable duct sealing means we can achieve seals where other contractors have failed or have said the job could not be successfully completed.

Our mastic cable duct sealing solution:

- Ensures WIMES, APEA, ATEX & DSEAR compliance
- Age tested to prove 50 years of sealing protection
- Suitable for trefoil and multiple cable transit
- Provides long term cable support
- Easy re-entry for adding, removing or replacing cables
- Prevents rodent ingress
- Resistant to Methane, Hydrogen Sulphide and Chlorine
- Resistant to submersion in petrol & diesel
- No frame required & can be installed in any sized or shaped opening
- Provides flood protection and prevents gas ingress (Fire rated version certified to BS EN1366-3)



Cable Duct Sealing
Mechanical

GPT are experts in the installation of mechanical sealing systems, that **expand into the cable/pipe entry to form a water and gas tight seal.**

The system provides a high level of cable retention even where ground conditions cause the cables to bend putting pressure on the seal.

These are one of the only systems that can be installed in running water conditions. We can have specialist seals manufactured which can be instated in almost all situations regardless of the quality of construction.

Our mechanical cable duct sealing solution:

- Can be manufactured bespoke to your ducts & cable formations
- Can be installed in running water conditions
- Suitable for new build or retrofit solutions
- Withstands extreme cable bending
- Withstands pull force of up to 10,000 N & a weight load of up to 1,000 kg
- Easy re-entry for adding, removing or replacing cables
- Prevents rodent ingress
- Can include frames for installations where the duct has been poorly formed
- Stainless steel fittings
- Withstands constant water pressure up to 0.3 bar & catastrophic water pressure (24 hours) up to 1 bar

OFTEC Tank Inspections

As of 2025, GPT provide professional oil storage tank inspections **carried out by fully qualified engineers registered under OFTEC 600A.**

Our thorough, compliance-focused approach ensures your oil storage facilities are safe, legal, and environmentally responsible. A typical inspection covers:

- **Location Assessment:** Confirming tank location, environment, oil type, age, and construction materials.
- **General Tank Condition:** Visual inspection of pipework, gauges, bunds, and supports.
- **Tank base compliance:** Checking impact protection and overfill protection systems.
- **Alarms & Gauges** Testing level alarms, gauges, de-watering systems, fill points, pipework, and draw-off mechanisms.
- **Bund Integrity** Verifying bund capacity, retention capability, sump condition, vents, pumps, and ancillary equipment.
- **Environmental & Safety Measures** Reviewing spill response procedures and on-site clean-up preparedness.
- **Comprehensive Reporting** Detailed findings report, with clear recommendations and a quotation for remedial work if required.

Why Choose GPT Environmental?

Stay Compliant - Meet all current legal and industry requirements.

Prevent Costly Incidents - Identify potential faults before they escalate into spills or failures.

Protect the Environment - Reduce risk of contamination and regulatory penalties.

Expert Insight - Benefit from the knowledge of OFTEC-certified engineers with hands-on experience across the UK.

Peace of Mind - Independent, impartial assessment you can trust.

Every inspection is completed in line with:

- **Control of Pollution (Oil Storage) (England) Regulations 2001**
- **Environment Agency's PPG2 Guidelines**
- **British Standard BS5410**

Oil & Chemical Tank Decommissioning

We have over 20 years' experience conducting oil and chemical tank decommissioning projects, combining health, safety and environmental impacts with the most cost effective solutions.

Specific industries and different sizes and types of tank have particular guidance on how to decommission them. We structure every tank decommissioning project to follow the relevant legislation and best practice guidance for the individual tank.

- Planning the project to ensure health and safety aspects are prioritised
- Draining any liquids & removing all residues remaining in the tank, using a vacuum tanker or, where necessary, a confined space entry & breathing apparatus trained team
- Sampling residual liquids & disposing of all waste cost effectively and in line with legislation
- Decontamination of tanks, either in situ or ex situ, ideally to allow the tank to be recycled
- Removal of the tank via crane lifting and transport to licensed waste facility for disposal
- Dismantling the tank in situ using hot and cold cutting techniques
- Decontamination and removal of associated infrastructure e.g. pipework, plinths and bunds
- Contaminated land testing & remediation

Hazardous Waste

Hazardous Waste is classified as being harmful to human health or the environment. It is a **legal requirement** to dispose of Hazardous Waste via a licensed disposal facility.

As an upper tier licensed waste carrier, GPT can facilitate the classification, collection, transport and disposal of all Hazardous Waste.

Following your waste disposal, you will be provided with a Hazardous Waste Consignment Note & disposal certificate to verify the waste has been disposed of correctly.

Failure to comply with current regulations is an offence subject to an unlimited fine or conviction.

- Hazardous Waste spill clean up
- Evaluating Treatment Options
- Collection of Fly-Tipped Hazardous Waste
- Registering your site with the Environmental Regulator
- Characterisation & Classification
- Collection, Transport & Disposal
- Determining whether waste is hazardous or not
- Waste Acceptance Criteria (WAC) Reporting
- Waste Electric & Electronic Equipment (WEEE) Collection & Disposal

Industrial Cleaning

With many years' experience of negotiating with an array of treatment and transfer facilities, we are able to source low-cost disposal options for our clients.

- Safe removal of hazardous substances such as oils, fuels, paints, degreasers, sealants, solvents and acids/alkalis, to name a few.
- Validation sampling to satisfy clients that the site is suitable for future use.
- Undertake identification, analysis, classification, packaging (UN if required) & labelling to safeguard fly-tipped waste.
- Liaising with relevant bodies e.g. Health & Safety Executive and Environmental Regulators.

Want to learn more or arrange a site visit?

Get in touch to discuss how GPT can support you in meeting environmental management responsibilities and achieving compliance requirements.

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