

# HARPERS

ENVIRONMENTAL SERVICES TO INDUSTRY



[WWW.HARPERSENVIRONMENTAL.CO.UK](http://WWW.HARPERSENVIRONMENTAL.CO.UK)

*Operating nationally for clients in the, Construction, Demolition,  
Utility, Oil & Gas, Chemical & Heavy Industry Sectors*





**Harpers Environmental has been supporting industry for over 60 years. As an independent, family owned business, we're going from strength to strength, and provide reliable, quality services to customers across the UK. We pride ourselves on our innovative and creative environmental waste management solutions and work in partnership with all our clients to deliver a service tailored to their requirements.**

**/// VISION**

Harpers will work with our clients to offer innovative and creative world-class environmental services while creating efficiencies and reducing cost in a safe environment.

**/// ROAD MAP**

Harpers will build on its current knowledge with clients while enhancing communication and reporting methodology including KPI and critical success factors to ensure both time and cost savings are created in order to add value at every stage of the process.

**/// "HARPERS SMART CIRCULAR COMMUNICATION"(HSCC™)**

This is the tried and tested basis on which the vision and road map are delivered. Circular feedback, together with smart thinking lean management and thorough preparation between Harpers and our client's team at every level, enable better working practices to be developed in an on-going basis.

**/// SERVICE SECTORS**

Harpers have worked for many large corporate clients across the UK, protecting reputations and delivering value adding environmental services for over 60 years.

**UTILITIES (WATER, ELECTRICITY AND GAS)**

- Blue Water Division
- Sewage and Tankering
- Wet Wells and Emergency Support
- Flood Alleviation
- Shutdown and Regular Maintenance

**CHEMICAL**

- Facility Management across all Environmental Services.

**OIL AND GAS**

- Onshore Refurbishment and Maintenance plus Decommissioning.

**FOOD**

- Waste Management and Disposal including AD Plant Supply.

**HEAVY INDUSTRY**

- Complex and high risk Environmental Cleaning and Maintenance Services.

**PUBLIC SECTOR**

- Working for numerous councils across several Long Term Maintenance Contracts.



**GETINTOUCH...**

**YORK** Cleveland, Carr Lane, Sutton-on-the-Forest, York YO61 1EY T 01347 810677

**TEESIDE** Bentley avenue, Cowpen Bewley Ind Est, Billingham, Teesside TS23 4BU 01642 563129

f Harpers York    @HarpersEnv    in Harpers Environmental

With a keen eye for detail and constant innovative drive, Harpers have saved customers money year on year while protecting reputations by operating safely and effectively. With patent pending processes and innovative online technology, Harpers continues to lead its market.

We draw from experience, supported by a well-trained and motivated workforce working in a safe environment. The result is a responsive and flexible business partner committed to the highest service levels.

Our reputation is built on trust and fairness, often within a partnership arrangement, ensuring problems are resolved swiftly and projects and services are delivered on time.

As an industry leader, our highly qualified staff have the required skills and experience to ensure your business receives the most effective service. Using the latest specialist equipment, we guarantee to deliver your project to the highest standards – on time and in budget.



**SERVICES**

**We operate from sites at York and Teesside, servicing customers across the UK and further afield. Our comprehensive vehicle fleet includes:**

- UHP Jetting Units
- Tank Cleaning Units
- Rigid vacuum tankers
- Articulated tankers
- Jetting tankers
- DISAB vacuum units
- Jet-Vac tankers
- Recycling tankers
- KSA Dewatering tankers
- Skip vehicles
- Rapid response vehicles



## SUCCESS FACTORS ON WHICH HARPERS WILL BE, AND CAN BE JUDGED

### Performing Services in accordance with requirements:

- Harpers regularly undertake substantial projects and contracts having performed similar work over many years for many other clients.

### Provide a professional and high quality service:

- Harpers are trusted by high profile clients and entrusted with hard earned reputations to protect.

### Provide a high degree of responsiveness and flexibility:

- Harpers have undertaken emergency work, out of hours work and work with variable resource requirements all over the UK.

### Provide innovative thinking and problem solving:

- Harpers have patent pending processes and regularly solve customer problems often saving time and cost while operating safely.

### Provide a demonstrable commitment to process control and reporting mechanisms:

- Harpers have worked with many customers for extended years and have worked with clients to develop regular robust reporting processes tailored to client's management needs.



**Harpers Environmental operates from offices in York and Teesside, but has a national presence, undertaking projects all over the UK. We support a diverse client base – including a number of household names – across the steel, heavy engineering and demolition sectors, as well utility companies and the food industry.**

At Harpers Environmental, we strive to maintain exceptional standards across all our products and services. As a fully legislative compliant business, we hold ISO 9001, 14001 and 18001 accreditations – verifying our commitment to quality. And for your added assurance, we're CHAS certified and a member of the British Safety Council, demonstrating our quality aware and safety-focused services.

Harpers understands that each job should be well prepared for. With an eagle eye for improvement at every stage of the process, we ensure we reduce client costs and minimise downtime.

Over many years of quality service, Harpers Environmental has gained the trust of its valued customers by ensuring continued innovation. We strive to complete each job as quickly as possible, while focusing on safety and respecting the environment.

Harpers' USP is that we have the best people fostered by teamwork, with the most suitable equipment for the job while working at pace safely and efficiently in an innovative and creative business culture while respecting the environment. Harpers live and work by acting professionally, gaining understanding continuously, communicating constantly while showing leadership and integrity.

"Harpers understand that a job should not be undertaken with a blinkered outlook but instead be well prepared for with an eagle eye for constant relentless improvement at every stage of the process."

Over the last few years, Harpers has seen growth across all specialisms. The ability to understand customers' requirements and objectives has ensured that collaborative relationships have delivered for large Plc customers and for SME business. A focus on Health and Safety, the ability to react quickly, reputational protection, together with efficiency savings during a contract period, has helped secure Harpers' future order book.

Harpers Environmental have recently filed a pioneering patent to cover a new and innovative arrangement to treat contaminated water. This industry leading process ensures the safe and effective treatment of contaminated water in often challenging and risky environments. Responding to Harpers' client needs for safe but cost effective solutions, the unique arrangement allows treatment to occur faster and also reduces Harpers' carbon footprint.

Harpers are well known for our highly skilled and experienced staff. With numerous drivers and operators with 5, 10 and even 20 years of experience, Harpers has a huge wealth of skills and experience to ensure customers receive the best solution undertaken in a safe manner. Harpers staff engage regularly on a company-wide basis to reinforce the wide skills sets required by our clients including typically confined space, safety passport, jetting and water hygiene to name but a few.

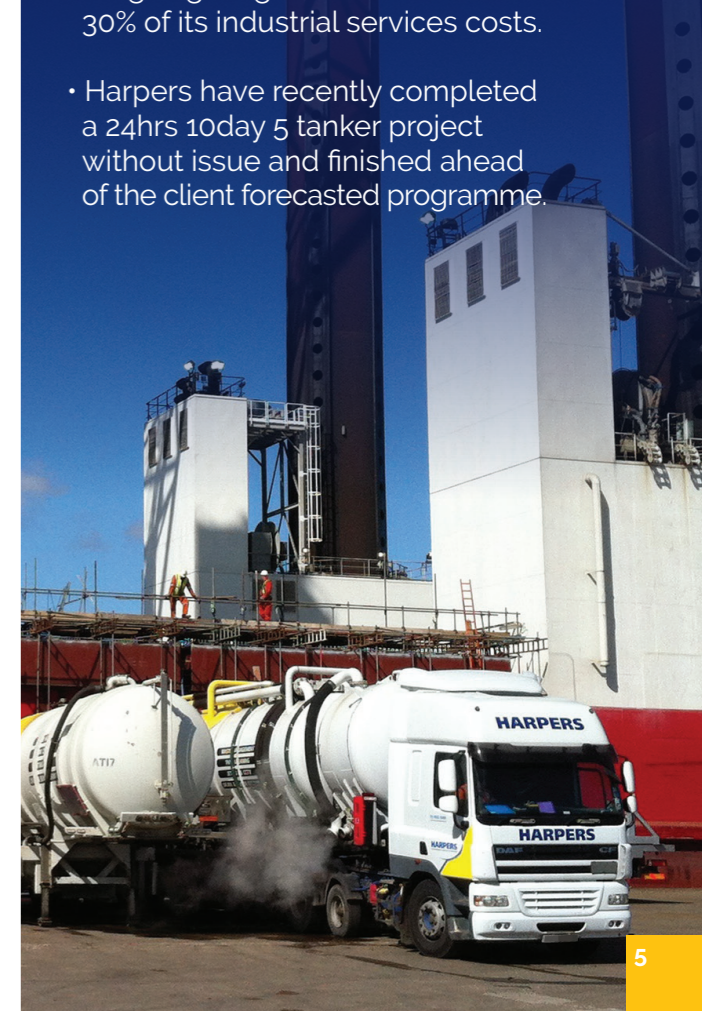
### Safety matters!

Every member of Harpers team undergoes an extensive induction which gives the grounding in HSEQ matters. Training is then conducted on the job with specific vehicles and/or equipment until they are deemed a competent member of staff. Following a successful probation period, each employee will be allocated the courses they need to ensure that the training they have received on the job is enhanced.

Confined Space, Working with Breathing Apparatus, Rescue Techniques, Safety Passport, High and Ultra High Water Jetting Safety and are undertaken as a basic requirement for most Operators. Their job requirements then dictate specialist courses such as ADR Dangerous Goods Training.

## SUCCESS STORIES

- A large waste and tankering contract has just been won after Harpers clearly demonstrated best value and efficiency savings.
- Harpers have just successfully completed a dewatering and sludge removal project from Europe's largest sewage treatment plant near London. Project delivered early and on budget.
- Harpers have been recommended to offer emergency support services and on-going consultancy for one of the North East largest container ports.
- Harpers recently reduced the shutdown period at several power stations, making a saving of several million pounds of down time for the client.
- Harpers have been given preferred supplier status again at multiple Steel sites, supporting the on-going target to save the client 30% of its industrial services costs.
- Harpers have recently completed a 24hrs 10day 5 tanker project without issue and finished ahead of the client forecasted programme.





## 1 VACUUM EXCAVATION

Harpers Vacuum Technology brings the latest advances to help business perform at its best, with today's demands for faster completion times, cleaner, smaller excavations, safer methods and less risk for damage, Harpers Equipment addresses it all. Dry suction excavation is an economically smart method for a wide range of applications and industries.

One suction excavation truck replaces work that used to be done by many, and the whole

operation is simplified and the process faster, so overall costs are significantly reduced.

The suction is powerful enough to pull up all debris to expose targeted area, but "gentle" enough to prevent damage to utilities or cabling – especially important where the location of underground features are unknown. Worker injuries are reduced with less material handling and slip and fall hazards. Public safety is improved with more contained site areas, shorter project durations and lower

noise levels.

Excavated material, including liquid or potentially hazardous waste, is moved directly into a sealed container on the Disab so airborne dust and dirt are eliminated and the material traditionally on the ground nearby no longer poses a hazard or requires time for cleanup.



## 2 NORM Naturally occurring radioactive material

Harpers Environmental Ltd are one of a few experienced industrial services businesses that have the certification, skills and large capital assets that can deal with NORM waste extraction and transport for processing and recycling. Harpers have experience across the UK dealing with NORM and ensure that work involving NORM is carried out safely and effectively. Harpers can enter tanks and vessels, clean, decontaminate and extract liquids, sludge and loose solids that have been contaminated with NORM. Using various techniques for deep or "long pull" extraction Harpers use multiple powerful DISAB air flow vacuumation vehicles supported by specialist confined space teams.

NORM is potentially high risk.

- Radioactive materials which occur naturally and where human activities increase the exposure of people to ionising radiation are known by the acronym 'NORM'.
- NORM results from activities such as burning coal, making and using fertilisers, oil and gas production.
- Uranium mining exposes those involved to NORM in the uranium orebody.

All minerals and raw materials contain radionuclides of natural origin. The most important for the purposes of radiation protection are the radionuclides in the U-238 and Th-232 decay series. For most human activities involving minerals and raw materials, the levels of exposure to these radionuclides are not significantly greater than normal background levels

and are not of concern for radiation protection. However, certain work activities can give rise to significantly enhanced exposures that may need to be controlled by regulation. Material giving rise to these enhanced exposures has become known as naturally occurring radioactive material (NORM)

Excluding uranium mining and all associated fuel cycle activities, industries known to have NORM issues include:

- The coal industry (mining and combustion)
- The oil and gas industry (production)
- Metal mining and smelting
- Mineral sands (rare earth minerals, titanium and zirconium).
- Fertiliser (phosphate) industry
- Building industry
- Recycling

## 3 TANK CLEANING

(including specialist non man-entry)

Harpers have significant experience of cleaning all types of storage tanks, from retail forecourts to major refinery and military holding tanks. We provide extremely cost-effective tank cleaning services, using the most advanced tank cleaning technologies available to ensure that tanks are taken out of use for the minimum time.

With highly trained operatives, our cleaning methods use both manual and automated methods to ensure compliance with tank certification standards and health & safety rules and regulations. Harpers where appropriate use powerful remote-controlled mechanical washers to speed up tank cleaning, reduce risk, cost and downtime due to limiting man-entry.

For manual tank cleaning, our operatives are trained to operate in confined spaces using breathing apparatus and jetting equipment. Where necessary, Harpers use cold cutting techniques to access enclosed tanks, and will uplift and transfer any tank residues.



## 4 SHUTDOWNS AND ESSENTIAL MAINTENANCE

Harpers have been involved with numerous shutdowns and essential maintenance programs over many years at some of the UK largest facilities. The time critical nature of the work and need for reliability and diligent planning is essential to ensure the work gets done on time and to budget. Often involving day and night shifts over several weeks Harpers has the resources and expertise to manage these large, high risk and often complex projects.

When major facilities are taken offline for maintenance the work may include tank cleaning, surface preparation, pipeline cleaning and deep/long pull sludge or liquid extraction from parts of the site rarely inspected or visited. Harpers are familiar with the challenges to be met and have well trained staff, the equipment, vehicles and certification to allow our teams to seamlessly work with the client. With accreditation and certification to undertake NORM waste removal and confined space / breathing apparatus work as well as mobile treatment plant licences Harpers supports customers to ensure this vital work gets done successfully.





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## OUR SERVICES

- 1 Industrial Tank Cleaning
- 2 Dewatering & Sludge Treatment
- 3 DISAB Vacuum Services for heavy sludge removal over extended vertical and horizontal distances
- 4 Decommission Cleaning & Waste Removal
- 5 UHP Water Jetting
- 6 Bulk Tankering
- 7 Interceptors
- 8 Confined Space Cleaning
- 9 Hazardous Waste Management
- 10 Plant Decontamination



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