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The GeoEnviron Contaminated Land Module is a data management tool for local authority environmental officers in the process of implementing Part 2A.

[Click for more info.](#)

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Get your Priorities Right, DEFRA Consultation, December 2010

STM were pleased to see the Defra consultation on proposed changes to the contaminated land regime in England and Wales in December. Many of the issues raised in the consultation are already addressed in the [GeoEnviron Contaminated Land Management System](#) which is supplied and supported in the UK by STM. Over 55 local authorities currently using the software will be confident that they already have the system they need to manage their contaminated land work into the future.

Defra suggest one reason for some "insufficient targeting of higher risk sites...may be that potential sites are not being prioritised according to highest risk first." The prioritisation methodology in the GeoEnviron Contaminated Land Module ensures sites are prioritised accord-

ing to highest risk first. Moreover, sites are automatically reprioritised as new information becomes available, addressing Defra's concern that "It can take too long to dismiss low risk sites" whilst case management tools linked to procedures ensures that sites are investigated in line with a risk-based investigation programme.



Tools such as the GeoEnviron Contaminated Land Module can help local authorities "focus on finding the highest risk sites and dealing with them first" and can "speed up local authority decision making by allowing them to dismiss low risk sites more easily."

We also welcome the suggested introduction of "Risk Summaries" outlined in the draft guidance. Software tools such as [MapEagle](#) and [Pocket ESA](#) already help local authorities undertake their own environmental searches and prepare Environmental Risk Assessments (see page 2 article on Manchester City Council). These tools would also be valuable in the compilation of risk summaries whilst the document management facilities in GeoEnviron could easily link site data to both GIS and risk summaries.

STM are also looking forward to working with local authorities who will be revising Inspection Strategies, previous strategy revisions for authorities such as Runnymede BC and Norwich CC taking advantage of the depth of our extensive local authority experience.

GeoEnviron Environmental Permits Module Launched

The Environmental Permitting Regulations 2007 have increased the onus upon local authorities to demonstrate that they are implementing the regulations in the most cost-effective and efficient manner possible.

The GeoEnviron EPR module has a comprehensive suite of facilities that enables Permit Officers to easily implement action audit trails, document tracking and cost accounting, resulting in increased efficiency, responsiveness and accountability.

The system includes:

- a **Quality Management System** that ensures that you meet your statutory deadlines and improve your performance.
- Time recording and reporting and invoice management to enable **easy cost accounting**
- easy generation of **risk based inspection programmes**

- Easy generation of **BVPI and DEFRA annual statistical returns**.
- Seamless links to GIS
- Web deployment module for publishing your public register online.

To celebrate the launch of this invaluable tool we are offering a 25% discount on orders received before the end of the 2011 financial year.

For more info [click here](#) or contact us for a free demo.



MapEagle is GIS based Report Writer that provides an easy and convenient way for carrying out site sensitivity analysis using your GIS.

[Click for more info.](#)

The GeoEnviron Environmental Health Case Management System helps you manage cases and inspection routines effectively, resulting in accelerated cycle times, reduced admin costs and improved performance.

Pocket ESA

Pocket ESA standardise the task of creating desk study and site walkover reports

[Click for more info.](#)

Environmental Risk Assessment Reporting Tools for the City of Manchester

Manchester City Council have chosen [MapEagle](#), STM Environmental's GIS report writing tool to assist them with their Environmental Information Requests and Environmental Risk Assessments.

MapEagle is already being used by over 40 local authorities in the UK, mainly for undertaking in-house desk studies, environmental searches and planning screening. Stuart Bayley, the Senior Contaminated Land Officer with Manchester City Council, is now planning to use MapEagle alongside two

other software tools supplied by STM, [Pocket ESA](#) and [WinLog](#), to streamline the production of Site Investigation and Risk Assessment reports.

Pocket ESA allows you to produce standard questionnaire templates which work as wizards ensuring that responses for standard paragraphs (i.e Site History etc) can easily be entered. The responses are then merged into a standardised Word template. Supplemented by using MapEagle to glean information from GIS layers, Stuart will be able **make**

more effective use of officer time spent producing reports.

WinLog will be used to create, edit and print geotechnical, environmental, gas borehole and well logs which may also feed into reports..

As local authorities seek to reduce costs still further, software tools such as Pocket ESA and MapEagle can maximise efficiency for minimal capital outlay.

We are offering a 25% discount on MapEagle licences ordered before the end of March 2011

GeoEnviron Environmental Health Management System

Customer feedback about existing specialist modules is so good that we know there is a role for the GeoEnviron System across the full environmental health spectrum.

The GeoEnviron Environmental Health Case Management System is a data management tool for Environmental Health Practitioners involved with environ-

mental protection, pest control, housing standards, licensing, health and safety at work and food hygiene/ safety.

Smart and Simple. Specialist modules are designed so that every stage of the case investigation process is catered for but also to be as simple to use as possible.

The system helps you manage cases and inspection routines effectively to

- **accelerate cycle times**
- **reduce admin costs**
- **improved performance.**

For more info [click here](#)

GeoEnviron Site Survey Manager – Special Offer

How do you manage your environmental data such as contaminated land survey results or NO2 passive diffusion tube monitoring data.? You may have some data in spreadsheets and even more may be stored as hard-copy.

The GeoEnviron Survey Module manages survey data from a whole range of

survey types including contaminated land and air quality. You can store, manipulate and visualise data not only in graphical form but also in GIS. Key benefits are:

- **Electronic data transfer from lab**
- **Manages spatial and temporal data**

- **Linked to GIS**
- **Improved efficiency with easier analysis and reporting**

STM are offering a 50% discount on GeoEnviron Survey Module licences ordered before the end of March 2011.

For more info [click here](#)

STM now fully Equipped to undertake site investigations

Many customers are already aware of our desktop consultancy work, including Historical Site Digitisation and Prioritisation. In addition to this, however, STM are increasingly undertaking site specific work, including intrusive site investigations.

We have worked successfully with partner site investigation companies in the past (i.e. Ecologia, Discovery Drilling) and will continue to do so in the future for larger projects. However we thought that the time was right to develop the service in-house. We have now in-

vested in equipment including hand augers, a PID, a landfill gas monitor, a CAT scanner, a hydraulic pump and breaker and a variety of window samplers meaning that we can undertake most environmental site investigations (i.e. soil, groundwater, landfill gas monitoring etc).

We have already had the equipment out on site investigating 3 top priority sites for Hart DC. STM have been working with Hart since 2008. We undertook the prioritisation of their potential contaminated land sites and implemented the GeoEnviron

system for them. We then undertook site walkovers of their top 100 priority sites which led to the 3 investigations mentioned above.

It is our specific aim to offer this service as a LOW COST option to Local Authorities who wish to push their Part IIA work forward. So please contact us for a quote for your site.



STM specialise in assessing risks to human health and the environment arising from contaminated land.

For more info [click here](#)

First Steps into Scotland

In the spring of 2010 we were pleased to welcome Fife Council as our first customer in Scotland.

Fife chose STM Environmental software and services for their contaminated land work after a challenging tender process and a thorough post-installation quality check ensured that all systems were up to scratch. Donald Payne, Contaminated Land

Officer with Fife Council is keen to maximise the quality of reports generated in [MapEagle](#), making comprehensive use of data automatically extracted from their [GeoEnviron Contaminated Land System](#).

Amidst exploratory discussions with several other local authorities in Scotland we are now also pleased to be able to welcome North-

Ayrshire Council to the STM Environmental fold. Over the next weeks we will be working with William McNish and Diana Buchanan, prioritising North-Ayrshire's potentially contaminated land sites before installing both the GeoEnviron Contaminated Land Module and MapEagle in March.

STM are now undertaking intrusive site investigations for Local Authorities

Clients Update- Web Forum and User-Groups

Our new [website](#) was launched back in January 2010 with new design and content.

Clients who register with the STM website can now download software updates and tools as well as take part in our discussion forums. The forums have already proved useful for highlighting

any software improvements that users feel would be useful as well as any problems clients might have.

In 2011 we are looking to open the discussions out to include more general contaminated land issues and we look forward to seeing some interesting debates.

This year STM hosted 4 GeoEnviron User-Groups rather than 3, to accommodate more users across a wider geographical area. All the meetings were well attended, generating plenty of discussion and feedback to help us develop both the software and the company to best meet users' needs.

If you're already a member of our website why not check out the [web forum](#). If you're not registered why not [sign up](#) today.

STM Environmental Consultants Ltd

72 Pretoria Road

London

E16 4NP

Phone: 0845 303 9434

Fax: 0845 303 9435

E-mail: info@stmenvironmental.co.uk

Smart and Simple



STM Environmental Consultants Ltd is an independent company offering environmental consulting, software development and training services to the public and private sector

Contact:

Grant Taylor, Business Development Manager

gtaylor@stmenvironmental.co.uk

tel. 0845 303 9434 ext 4 or

Simon Makoni, Director

simon@stmenvironmental.co.uk

tel. 0845 303 9434 ext 3

www.stmenvironmental.co.uk

Some Interesting New Contaminated Land Projects for STM Environmental

2010 has seen some interesting new contaminated land projects for STM.

Major Digitisation Project in Northumberland.

After several years working with Karen Farr in Wansbeck DC, STM were asked to supply the [GeoEnviron Contaminated Land System](#) for the newly formed unitary authority of Northumberland. County Council. Unsurprisingly, not all the constituent authorities in Northumberland were as advanced as others in their Part2A work and STM went right back the historical maps to ensure that all potential sites were plotted on Epoch layers before consolidating sites across Epochs and undertaking a Stage 1 prioritisation for the County.

GeoEnviron with Digitisation and Stage 1 Prioritisation in Durham.

Durham County Council are another new Unitary Authority, incorporating 7 former District Councils. As well as supplying the GeoEnviron Contaminated Land System, STM were asked to undertake a review of historical mapping to identify potential sites and to undertake a Stage 1 prioritisation. Delivery is due in March 2011.

GeoEnviron with GGP Link in Plymouth

Seamless links to GIS have been a key factor in the success of GeoEnviron and we were pleased to supply the GeoEnviron Contaminated Land Module to Plymouth City Council in 2010 complete with a

link to GGP GIS. Ruth Wilcox, Environmental Protection Officer with Plymouth is pleased with the system and we look forward to opportunities to work with other GGP authorities in the future.

More New GeoEnviron Users.

Other new GeoEnviron users include Runnymede District Council who installed in 2010 and St Albans District Council who will install before the end of the year. In Nottinghamshire we can welcome both Gedling BC and Broxtowe BC who join Newark and Sherwood DC as users of GeoEnviron in the region.

In 2009, STM were commissioned by both Norwich City Council and Breckland

DC to undertake Stage 1 prioritisation of historical sites. We are pleased to be back in Norfolk with a similar project for Great Yarmouth BC.

Stage 1 Prioritisation and Site Boundary Consolidation in Stoke.

Stoke City Council have been using the GeoEnviron Contaminated Land Module for several years, mainly for planning works and managing contaminated land issues with closed landfills. In 2010, STM worked closely with Anthony McNichol at Stoke to prioritise their remaining historical sites with some interesting work tackling that perennial problem of overlapping historical site boundaries.