

Quick Tea-Break Word Search



Health & Safety News

GeoDyne goes Platinum

We are proud to confirm that GeoDyne is now CSCS approved to Platinum Standard. All of GeoDyne's Engineers have passed the Construction Industry Training Board (CITB) assessment and are competent to Geo-Technical Specialist status.

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- GEOTECHNICAL
- RISK
- LEAD
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- ARSENIC
- ENVIRONMENTAL
- CLEAN
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It's been 18 months since our last news letter. The last year and a half has been interesting and full of ups and downs.

GeoDyne has continued to work hard to deliver value for Clients, in what has been a difficult business environment.

The future remains challenging, with the general election looming and inflation outstripping growth in earnings; however, we are confident that we can continue to build on our firm foundations established over thirteen years of trading and provide 'value added' consultancy services to our expanding portfolio of Clients.

GeoDyne arrives at Pride Park!

At the end of 2012, GeoDyne relocated our Derby office to new premises on the prestigious Pride Park business & retail estate.

The office is now up and running and our Derby team has been expanded, to include:

- A Director (Chartered)
- A Principal Engineer (Chartered)
- Two Senior Geo-Environmental Engineers
- A Graduate Engineer
- Administrative Support

This has confirmed GeoDyne's commitment to Derby and enables us to offer a wider range of services to our Clients.



Paul Kershaw (Director) heads the office and can be contacted on 01332 290798.



Do you know your Soil Types?

See if you can match them up - *Silty, Clayey, Gravelly, Peaty and Sandy*



** See below for the answers.

East Midlands Property Shows 2014

We have booked our Stand for this year so please come and see us at the East Midlands Conference Centre, Nottingham on 6th November for a chat and the chance to be entered into our free prize draw to win a tippie.



1. Gravelly 2. Sandy 3. Peaty 4. Silty 5. Clayey



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Contact: Paul Kershaw

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CIRIA Report C735 'Good practice on the testing and verification of protection systems for buildings against hazardous ground gases' was published in August 2014.

The guidance provides a useful update on good practice for the design, supply and installation of ground gas protection measures and provides detailed guidance on the inspection, verification and (potentially) integrity testing of membranes.

Of specific note to developers and their consultants, the BBA has now removed their statement that 300µm (1200 gauge) and 500µm (2000 gauge) damp proof membranes are suitable for use on radon and gas contaminated land. Consequently, a suitable, certificated, ground-gas resistant membrane from a suitable manufacturer/supplier should be adopted at new sites in the future.

GeoDyne Ltd has considerable experience in carrying out gas risk assessments, as well as the design and specification of gas protective measures when necessary. We also carry out numerous third party (independent) inspections of membranes for Clients to satisfy planning and NHBC requirements and an Engineer from GeoDyne Ltd will be one of the first to take the new British Geomembrane Association (BGA)/citb training course 'Verification & Integrity Testing of Gas Protection Measures'.



CASE STUDY – Detailed Quantitative Risk Assessment (DQRA)

LOCATION: Coventry
CLIENT: Westleigh
DESCRIPTION: Affordable Housing
OUR ROLE: Undertake a Quantitative Risk Assessment as part of the planning process to provide a remediation strategy

GeoDyne Ltd was commissioned to undertake Geo-Environmental ground investigation works on a former industrial site located in Coventry for Westleigh and other partners. The works were undertaken to facilitate the construction of an £11.2m development comprising the construction of 94 affordable homes.



The site had historically been used for a variety of industrial purposes including upholstery manufacture, timber shaping and a large engineering works.

These industries, in particular the engineering works, had created a significant historical legacy with regard to soil and groundwater contamination.



The ground investigation works undertaken revealed significant constraints to development in the form of oils, solvents (Trichloroethene, Dichloroethene, Vinyl Chloride) and polycyclic aromatic hydrocarbons (PAHs) in both soils and groundwater.

Controlled Waters were identified as a sensitive receptor and a Detailed Quantitative Risk Assessment (DQRA) was produced to model the potential impact of the contamination detected on the Principal Aquifer.

The assessment allowed the scope of the remediation to be focused on the identified key contaminants of concern to avoid unnecessary and costly remediation.

A Materials Management Plan (MMP) was produced by GeoDyne to facilitate the appropriate reuse of the large volume of contaminated fill which was identified across a significant proportion of the site, avoiding the expensive alternative option of disposing of impacted materials via landfill.



Remediation works including soil and groundwater treatment were undertaken under supervision of GeoDyne and regulatory approval of the works undertaken was quickly achieved allowing construction works to commence on schedule.

Updated Statutory Guidance for Contaminated Land

Revised Statutory Guidance for Part 2A of the Environmental Practice Act 1990 came into force during 2012 in England and Wales.

The new National Planning Policy Framework states that it is the developer's responsibility to ensure that the site is 'safe' for the intended development.

The major changes is the introduction of four categories of land to be considered by regulators when making a determination on whether there is potential for significant harm to human health.

Category 1 – Significant pollution of controlled waters

It is clear a significant possibility of harm to human health – intervention under Part 2A is required.

Category 2 – Significant possibility of pollution of controlled waters

Considerable concern there may be a possibility of harm and a strong case for precautionary action or intervention under Part 2A.

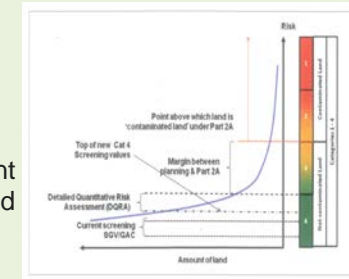
Category 3 – Low likelihood of serious types of significant pollution

Maybe a possibility of harm but is not significant and intervention under Part "A is not warranted, but those affected could consider civil action.

Category 4 – Low level or no risk

Should not pose a measurable risk to human health.

The new guidance provides the potential to unlock redevelopment savings on Brownfield sites, rendering them commercially viable and profitable.



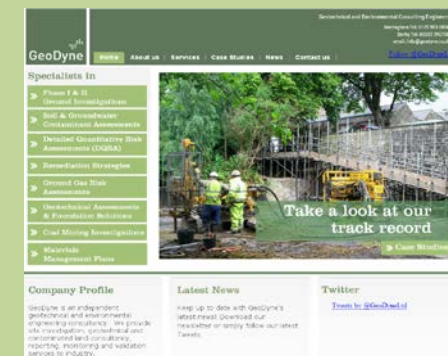
If you have any questions or if you require any further information please contact Jason Hollands in the Nottingham Office on 0115 983 0006.

Website Launch

September 2013 saw the launch of our new website.

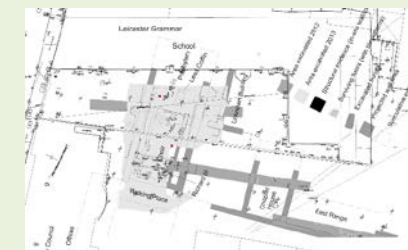
www.geodyne.co.uk

You can find information regarding our previous projects (case studies) and detailed descriptions of the services we offer as well as our latest news.



GeoDyne Makes History

GeoDyne is proud to have been part of the redevelopment of the prestigious Richard III Visitor Centre in Leicester.



Following on from the Archaeological investigation works careful consideration was given to the founding solution to avoid damaging the burial pits uncovered at the site.



GeoDyne were commissioned to carry out geotechnical investigation works within this highly sensitive site to provide information for the design of foundations. Window sample boreholes were proposed as this would cause the minimum disturbance to the surrounding ground, and GeoDyne worked closely with the Archaeologists, Engineers and Contractors within a confined site to complete the works and provide the required geotechnical information.

New Starters & Staff Updates

GeoDyne is proud to announce the arrival of our new Graduate Engineers Ben Parry (Derby) and Ross McIntyre (Nottingham).



We are pleased to announce that Paul, Phil and Dave have now joined Jason Hollands as Chartered Geologists and Environmentalists.

Paul Kershaw
 Director
 Chartered Geologist

Phil Anelay
 Associate
 Chartered Geologist

Dave Hooton
 Principal Engineer
 Chartered Water and Environment Manager & Chartered Environmentalist

Congratulations to Dave Hooton and Gareth Smith who have been promoted to Principal Engineer status. We are delighted that Phil Anelay has been promoted to Associate with responsibility for running our busy Nottingham Office. Having been with the company since its inception, Paul Kershaw has been promoted to Director, in charge of our Derby office.

CL:AIRE Qualified Persons

GeoDyne employ two registered Qualified Persons who are able to undertake Materials Management Plans (MMPs) and Qualified Person statements, for further information contact Jason at the Nottingham office and Dave at the Derby office.

We work with a diverse customer base. How can we help you?

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 Derby: 01332 290798