

Mike Smith

THE ORIGIN & HISTORY OF BS10175 AND ITS RELATION TO ISO STANDARDS

- ◎ DD175: 1988
- ◎ BS10175: 2001
- ◎ ISO 10381 series
- ◎ ISO/CEN 10381 Mark II

DD175: 1988

- Draft for Development
- Work started 1980
- Draft completed 1982
- Drafting group: DOE, GLC, NCB, S
Yorks WDA, TRRL, GMC & others
- Chair: Mike Smith – BRE – until 1982
- *But did not appear until 1988*

BS 10175: 2001

- CIRIA SP 103 (1995)
- Draft agreed by Technical Committee
- Stalled due to objection from DEFRA
- EA and DEFRA had not commented on the Draft for Public Comment

BS10175: 2010?

- Prepared under contract by Ove Arup
- Oversight and initial technical comment from Steering Group.
- Funded by BSI
- Attempted to find other sources of funding for at least two years
- ***Steering group***

BS10175 revision – Steering Group

- ◎ Tim White – Chair - SCI
- ◎ Mike Smith - SCI
- ◎ Chris Swainston – AGS
- ◎ Clive Thompson - Alcontrol
- ◎ Barry Mitcheson -
- ◎ Bill Baker – CIEH

ISO = International Organization for Standardization

BS EH 4 SOIL QUALITY
ISO TC 190 SOIL QUALITY
CEN TC 345 SOIL QUALITY

ISO TC 190 sub-committees

- SC1 - terminology
- SC2 - sampling
- SC3 - chemical methods
- SC4 - biological methods
- SC5- physical methods
- SC6 - *Radioactivity (TC 85/SC2)*
- SC7 - soil and site assessment
- *Also standards on sample preparation under SC3 & SC4*

ISO TC 190 Soil Quality:

SC2 - Soil and site assessment

- **BS ISO 10381-1: Sampling programmes**
- **BS ISO 10381-2: Sampling techniques**
- **BS ISO 10381-3: Safety**
- ISO 10381-4: Investigation of natural, near natural and cultivated soils
- ISO 10381-5: Urban and industrial sites
- **BS ISO 10381-6: Collection etc... for assessment of aerobic microbial processes**
- ISO 10381-7: Soil gas
- ISO 10381-8: Stockpiles

ISO/CEN 10381 Mark II

- Tiered approach
- Tier 0 – **Part 0: Umbrella**
- Tier 1 – Generic topics (e.g. Sampling plan, sampling techniques, safety, reporting etc.)
- Tier 2 – Specialist topics (e.g. Contaminated sites, agricultural sites, ground gas)
- Tier 3 – BS (ISO/CEN) 10175???