

The Soil Nutcracker Ballet

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Overview



1

Setting the scene

2

Real experiences of reuse of soils:

Act 1 – Agricultural soils in north-east England

Act 2 – Waste soils in south-west England

3

Finale – Lessons learnt

4

Questions

When it works...

MMP on a site for airfield reprofiling

DoWCoP used with aims of:

- Improving airport safety (staff and passengers)
- Increasing sustainability
- Decreasing costs

Excavations of natural soils across the wider airport;

Direct use of materials for reprofiling of the airfield;

No treatment required;

EA engaged early;

Agreement in principle received;

QP reviewed and declaration made;

Validation underway.



Timeline:

End-2017: Initial contact made to EA for agreement in principle

Early-2018: Discussions with EA

04/2018: Agreement in principle received from EA

05/2018: QP declaration made to CL:AIRE

06/2018: Works commenced

Ongoing: Completion of remaining areas
Validation for completed areas

A stage with red curtains and a wooden floor. The curtains are drawn back, revealing a dark stage floor. The text is centered on the stage.

**MMPs are a key tool for reuse
but they aren't always suitable.**

**Other options may be needed,
each with their own intricacies.**



Case study 1 – agricultural soils in NE England

Scenario

- Soils from an agricultural field being redeveloped
- Useful to cover rocky outcrops on a field nearby
- Support from local EA office and local water group (controls water company in area)
- Large sustainability benefits from not taking material to landfill/nearest soil facility
- MMP not suitable, approached as a waste recovery operation

Case study 1 – agricultural soils in NE England

Problems encountered

1

Timescales for confirming EA agreed reuse strategy before ground break

2

Communication between EA permitting teams and local office

3

Waste recovery tests proved difficult to meet



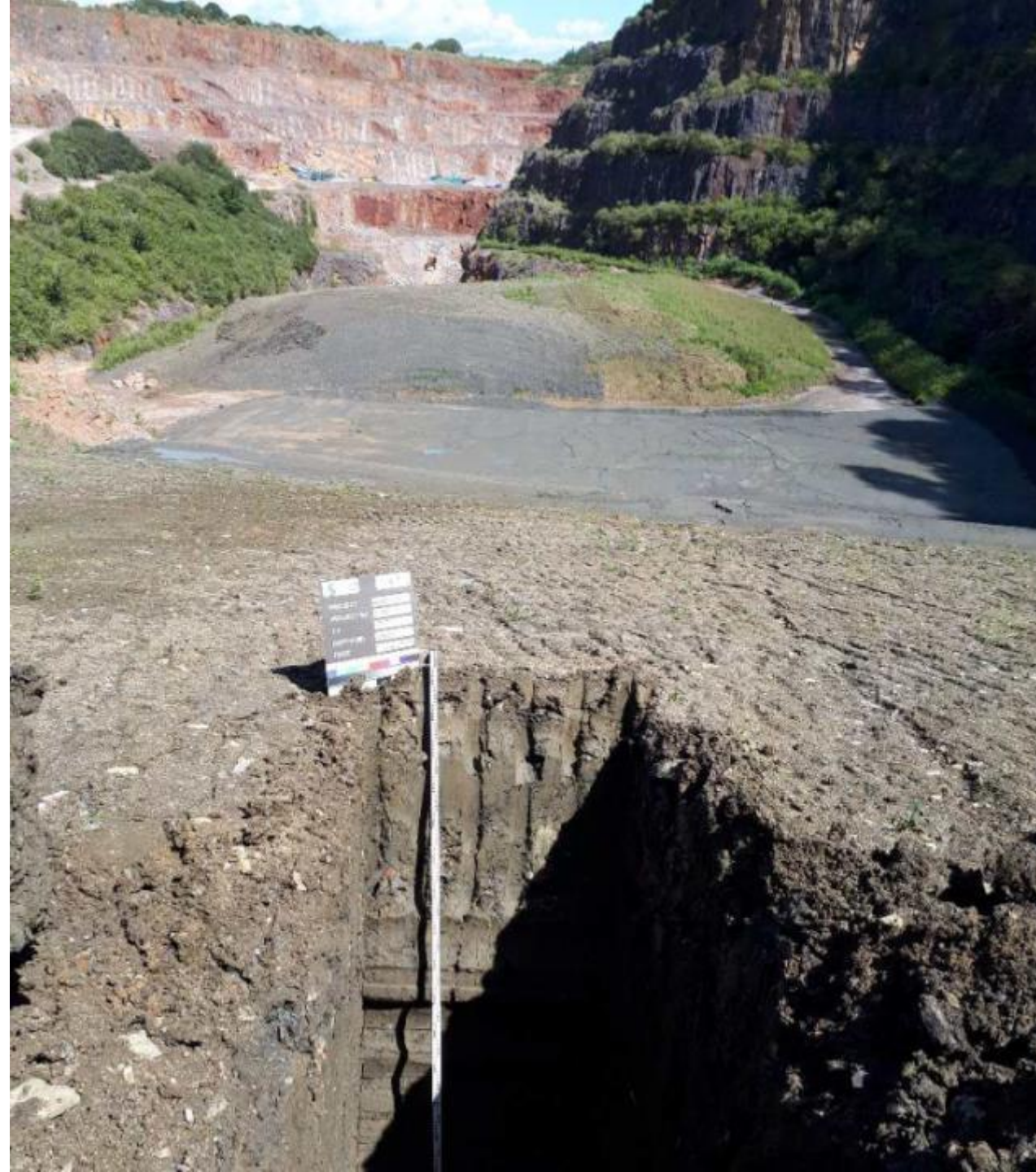
Case study 2 – a flood scheme in SW England

Scenario

- Material taken to a quarry for restoration purposes under MMP but became waste
- Nearby flood alleviation scheme wanted material
- MMP for flood scheme could potentially accept material under 'hub' scenario

Considerations

- Material is already a waste
- Not to be placed for ~3 years if reuse allowed



Case study 2 – a flood scheme in SW England

Solutions?

Apply for SR2008 No.10 storage permit

But then what?

Waste recovery permit (SR2015 No.39)

... or DoWCoP

... or EA local position statement

No clear route what EA will accept – discussions ongoing



Lessons learnt

Encourage teams to engage specialists early

Engage with the EA early – all appropriate teams



WRP tests can be subjective to meet – do we need more lateral thinking or consistency of approach?

Can't fall back on sustainability



Thank you

