

From: [Owain Gwilym](#)
To: [Tom Daly](#)
Cc: [Matthew Wilson](#); [Mike Pickles](#); [Chris Greenall](#); [Mike Harper](#)
Subject: NW149/02 Smithybridge Pub, Littleborough
Date: 09 February 2024 11:51:29
Attachments: [image002.png](#)
[image003.jpg](#)
[20240118_102741.jpg](#)

Tom,

The remedial options discussed in the Remediation Statement relating to the elevated contamination at TP2 are summarised below;

Option 1 - For areas of landscaping overlying the existing contamination at/around TP2 a 0.6m clean cover would be required. No clean cover would be required in areas of building footprints or hardstanding. The thickness of the clean cover would need to be verified and the imported subsoil and topsoil would need to be tested to confirm chemical suitability for use.

Or

Option 2 – Remove the contaminated made ground at around TP2. Following the removal of the contamination the area should be visually inspected by an environmental engineer with samples taken of the soil left insitu and tested for speciated PAH only. No clean cover would be required for landscaped areas once the made ground has been removed.

The contamination identified at WS4 was within made ground identified at between 0.3m and 0.6m below the existing car park level. At the time of the further sampling post demolition, it appeared as though much of the made ground in this area had been removed during the strip of the hardstanding including the hotspot of contamination at WS4. If a further 200-300mm scrape was undertaken after our investigation much of this material is likely to be natural clay and sand/gravel and our testing confirmed that no elevated PAH compounds were present. If the material is predominantly natural clay it might be worth sending our Post Demolition Supplementary Investigation letter report to the receiving landfill for them to determine how best to classify the waste.

Owain Gwilym
0113 245 8498
owaingwilym@arpassociates.co.uk



**ARP ASSOCIATES &
ARP GEOTECHNICAL LTD**

www.arpassociates.co.uk

5 & 6 Northwest Business Park, Servia Hill, Leeds LS6 2QH
Pre-planning Geotechnical Civil Engineering Structural Engineering

P Please consider the environment before printing this e-mail.

This e-mail is intended for the exclusive use of the individual(s) or entity to which it is addressed and contains confidential and/or privileged information. Any form of distribution, copying or use of this communication by anyone else is strictly prohibited. If you have received this communication in error please delete from your system and notify us immediately so that we can arrange for its return. Viruses: Although this e-mail and its attachments are believed to be free from any virus, it is the responsibility of the recipient(s) to conduct their own virus checks on all parts of this communication. ARP Associates and ARP Geotechnical Ltd accept no liability for loss or damage arising from their presence. ARP Associates is a trading division of ARP Geotechnical Ltd, a company registered in England and Wales with company number 3771811, whose registered office is at 5/6 Northwest Business Park, Servia Hill, Leeds LS6 2QH.

From: Tom Daly <tom.daly@armstrong-uk.com>
Sent: Thursday, February 8, 2024 11:51 AM
To: Matthew Wilson <matthewwilson@arnorthwest.co.uk>; Mike Pickles <mike.pickles@armstrong-uk.com>; Chris Greenall <chris.greenall@armstrong-uk.com>
Cc: Owain Gwilym <owaingwilym@arpassociates.co.uk>
Subject: RE: NW149/02 Smithybridge Pub, Littleborough
Importance: High

Morning, Matthew, we are still awaiting the foundation, you advised this would be available yesterday along with this report. Can you advise?

On another note, reading through your report has left me a little confused regarding remediation (4.0) , there are comments from yourselves of the areas that had excessive readings of contamination. If I am reading this correctly, you have offered options on what to do, leave in situ and ensure min 600mm clean bedding to be put over this or remove from site, the latter seems to indicate, that you would then return to re-test.

We have removed an additional 2-300mm of ground (around 10sqm) to WS4, and stockpiled ready to go to waste, however, your report seems to suggest that it was likely the contamination was in the upper layers, do we now just have this one load taken off site and disposed of appropriately? Or can this go the normal route? I suppose to be sure you would have to test it, however, the time lost awaiting findings plus the costs of visits would probably exceed what it would to just dispose of it as "contaminated waste. This would ensure there was a paper trail for the verification report at least.

Can you please try to simplify what we are required to do.

Thank you in advance.

Kind Regards

Tom Daly | Armstrong Projects Ltd

Contracts manager

Email: tom.daly@armstrong-uk.com

Mobile: 07701 387 920

Armstrong Projects Ltd | Co. Reg No: 10437249 | Tel: 0330 117 1418
The Annexe, Rear of 26 Church Street, Altrincham, WA14 4DW | www.armstrong-uk.com

Disclaimer: The information transmitted including any attachments is intended only for the exclusive use of the person(s) or entity to which it is addressed and may contain confidential and privileged material that may be subject to legal privilege. Any perusal, review, retransmission, dissemination, distribution, reproduction or other use of, or taking of any action in reliance upon, this information by persons or entities other than the intended recipient without the sender's prior consent is unauthorised and strictly prohibited. If you have received this message in error, please notify the sender immediately and delete the message from your computer without making any copies. Any personal views and opinions expressed in this email message are the sender's own and do not necessarily represent the views and opinions of the Company. This footnote also confirms that this message has been swept for the presence of computer viruses but this does not guarantee that it is virus free.

Please consider the environment before printing this email

From: Matthew Wilson <MatthewWilson@arpnorthwest.co.uk>

Sent: Wednesday, February 7, 2024 1:56 PM

To: Tom Daly <tom.daly@armstrong-uk.com>; Mike Pickles <mike.pickles@armstrong-uk.com>; Chris Greenall <chris.greenall@armstrong-uk.com>

Cc: Owain Gwilym <owaingwilym@arpassociates.co.uk>

Subject: FW: NW149/02 Smithybridge Pub, Littleborough

Gents,

Please find attached the following documents:

- NW149-02I4 – Post demolition supplementary investigation – No contamination was identified surrounding the hotspot identified in the original investigation. However, contaminated made ground was identified within one of the trial pits within the footprint of the former pub. Therefore, the remediation strategy has been updated.
- NW14902rem V2 – Contamination Remediation Strategy – Updated from the original report to include findings of post demolition investigation. Pretty much same conclusion that localised clean covers are required for areas of soft landscaping near TP2.
- NW149-02I5 – Supplementary Site Investigation – Factual report including details of the CP borehole logs and the geotechnical lab results.

I trust this is acceptable. Please let us know if you require any clarification or would like to discuss any aspect of the above.

Kind regards,

Matthew Wilson
Associate Director

D 07307 849 396

E matthewwilson@arpnorthwest.co.uk



ARP ASSOCIATES

www.arpassociates.co.uk

Manchester Space 10, This is The Space, 68 Quay Street, Manchester M3 3EJ 07726 766 271
Leeds 5 & 6 Northwest Business Park, Servia Hill, Leeds LS6 2QH 0113 245 8498

Pre-planning • Geotechnical • Civil Engineering • Structural Engineering

 Please consider the environment before printing this e-mail.

This e-mail is intended for the exclusive use of the individual(s) or entity to which it is addressed and contains confidential and/or privileged information. Any form of distribution, copying or use of this communication by anyone else is strictly prohibited. If you have received this communication in error please delete from your system and notify us immediately so that we can arrange for its return. Viruses: Although this e-mail and its attachments are believed to be free from any virus, it is the responsibility of the recipient(s) to conduct their own virus checks on all parts of this communication. ARP (North West), ARP Associates and ARP Geotechnical Ltd accept no liability for loss or damage arising from their presence. ARP (North West) and ARP Associates are trading divisions of ARP Geotechnical Ltd, a company registered in England and Wales with company number 3771811, whose registered office is at 5/6 Northwest Business Park, Servia Hill, Leeds LS6 2QH.