

From: info@peterhunt.uk.net <info@peterhunt.uk.net>
Sent: 03 October 2022 16:36
To: 'Allen, Jennifer (02)' <Jennifer.Allen2@balfourbeatty.com>; Bailey, Josh
<Joshua.Bailey@herefordshire.gov.uk>
Subject: FW: Bannut Tree 222922

Dear Both

The email I sent you this morning I think didn't get through as being too large so I have sent the attachments via wetransfer in addition to that sent this morning
So there should be 2 downloads. Please see also the email attached

All best
Peter Hunt

From: Steven Peters [REDACTED]
Sent: 05 August 2022 15:08
To: PETER HUNT <info@peterhunt.uk.net>
Subject: The Bannutt

Afternoon Peter,

We have pleasure in attaching the results of BRE365 and BS6297 tests carried out recently at The Bannutt.

As the data illustrates, the BRE365 test only drained 25mm over a period of 6 hours and it was not therefore possible to carry out the test to the required standard.

At the drainage rate achieved it would have taken 240 hrs, that is 4 full days, for the first drainage event to occur.

The BS6297 tests only drained 15mm and 20mm 5.5hrs and 5.25hrs respectively.

Best Regards

Steven

RESULTS

Percolation Tests In Line With BRE365

Trial Pit: A Length: 1100 Width: 400 Depth: 1300 Depth of water (at 100%) 1000

Test 1

Time	Fall (mm)
09:55 AM	0
10:30 AM	0
11:00 AM	0
11:30 AM	5
12:00 PM	5
01:00 PM	10
02:00 PM	15
03:00 PM	20
04:00 PM	25

Notes:

Ground Water Encroached During Excavation

No

RESULTS

Infiltration Tests Inline With BS6297

Trial Pit: B Length: 300 Width: 300 Depth: 300 Depth of water (at 100%) 300

Test 1 (2) - copy

Time	Fall (mm)
10:30 AM	0
11:00 AM	0
11:30 AM	5
12:00 PM	5
01:00 PM	10



Time	Fall (mm)
02:00 PM	15
03:00 PM	15
04:00 PM	15

Notes:

Excavated at 1000mm bgl

Ground Water Encroached During Excavation

No

RESULTS

Infiltration Tests Inline With BS6297

Trial Pit:	Length:	Width:	Depth:	Depth of water (at 100%)
C	300	300	300	300

Test 1 (3)

Time	Fall (mm)
10:45 AM	0
11:00 AM	0
11:30 AM	0
12:00 PM	0
01:00 PM	5
02:00 PM	10
03:00 PM	15
04:00 PM	20

Notes:

Excavated at 1000mm bgl

Ground Water Encroached During Excavation

No

SITE PLAN

Site Layout



PHOTOS

Trial Pit A



Trial Pit B



Trial Pit C



GROUND WATER CHECK

Whilst on site, a deeper trial pit was excavated with the purpose of identifying the ground water table, the pit was left open during the course of the day and the following information was recorded.

Ground Water Encroached	Depth Of Excavation
No	2600

PHOTO



32C1C9A4-07A2-4EA5-024C-AD33295A337E

From: info@peterhunt.uk.net <info@peterhunt.uk.net>

Sent: 03 October 2022 14:04

To: 'Allen, Jennifer (02)' <Jennifer.Allen2@balfourbeatty.com>

Cc: 'joshua.bailey@herefordshire.gov.uk' <joshua.bailey@herefordshire.gov.uk>; 'Bob Dhanda'

[REDACTED] 'Alex' [REDACTED]

Subject: RE: Bannut Tree

Dear Jenny

I understand that not all the information submitted has been sent to you

Please see the attached

I am sending an additional report via wetransfer because of the size

As previously noted, we have considered raising the level of units in the middle of the site to tip towards the existing drainage ditch on the western boundary. This has proved impractical because of the large amount of elevation that would be required.

It is proposed to deepen the existing headwall invert where it leaves the site in the south west corner. Please see attached photo. . It would still be necessary to pump effluent , both heavily treated foul and surface water, to that vicinity to achieve an outflow from the site to the existing drainage ditch in the adjacent field which is below the existing outfall position

As can be seen we have instigated several borehole investigations. All of which have shown the impermeability of the site and it's unsuitability for percolation.

We believe we have explored all possibilities for drainage of this site and can see no feasible alternative than current proposals .

As we have previously paid [REDACTED] for pre-application advice, I would welcome your comments

I would be grateful for confirmation of receipt

All Best

Peter Hunt