

Cerys Jones

From: Mared Rees-Jones
Sent: 29 January 2019 15:24
To: planning_admin
Subject: FW: P/2018/0279 - Land adjacent to 4 Elventh Avenue, Llai

Please add response to file

From: Neil Taunt
Sent: 29 January 2019 13:18
To: Mared Rees-Jones
Cc: Jonathan Allen
Subject: RE: P/2018/0279 - Land adjacent to 4 Elventh Avenue, Llai

Hi Mared,

I have now had opportunity to review the additional information submitted and am happy for the surface water element of the condition to be discharged.

Many thanks

Neil

From: Mared Rees-Jones
Sent: 29 January 2019 11:53
To: Neil Taunt
Subject: FW: P/2018/0279 - Land adjacent to 4 Elventh Avenue, Llai

Hi Neil

Can you let me know when you've had a chance to look at these details if they are ok to allow the discharge of the condition please?

Thanks

Mared

From: Jonathan Allen [mailto:j.allen@datrys.coop]
Sent: 28 January 2019 12:00
To: Neil Taunt
Cc: Mared Rees-Jones
Subject: RE: P/2018/0279 - Land adjacent to 4 Elventh Avenue, Llai

Morning Neil,

Following our earlier conversation, I have reviewed the gathered information and calculated the sites infiltration rate of 2.73×10^{-4} m/s from utilising the gathered information from testing the installed soakaway. This confirms that the percolation rate utilised for the soakaway design (1.02×10^{-4} m/s) is conservative and the designed soakaway can cater for a 100 year event while maintaining a storage buffer.

With the submitted information can you confirm that the condition can be discharged.
Kind regards,

Jonathan Allen



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MODEL DESIGN ENGINEERING

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From: Jonathan Allen
Sent: 23 January 2019 14:46
To: 'Neil Taunt' <Neil.Taunt@wrexham.gov.uk>
Cc: 'Mared.Rees@wrexham.gov.uk' <Mared.Rees@wrexham.gov.uk>
Subject: RE: P/2018/0279 - Land adjacent to 4 Elventh Avenue, Llai
Importance: High

Afternoon Neil,

As discussed prior we have undertaken infiltration tests today within the installed soakaways at Eleventh Avenue.

We filled the soakaways with approximately 14m³ of water (via two loads from a 8m³ bowser with approx. 40mins refill between).

The first bowser filled the soakaway to a depth of 700mm (effective depth was 1000mm so near full) which indicates a large proportion of the water was infiltrating during the filling period (around 2m³). While the bowser was refilling the water within the soakaway infiltrated away within 40mins (which is a lot faster than the original calculated infiltration rate and which the soakaway design was based on).

We filled the system a second time which filled to a depth of 480mm and recorded the depth of water with relation to time. It only took 24 minutes to completely infiltrate away.

The soakaway tests indicates that the ground has a very high percolation rate and that the installed soakaways are more than adequate for a 100 year storm event.

The soakaways have been confirmed to satisfy BRE 365 requirement of emptying to 50% within 24 hours as they have been recorded to empty by 50% within an hour, therefore we would like to proceed with discharging the condition. Can you please review asap as we aim to discharge the condition this week.

If you have any queries don't hesitate to contact me,
Kind regards,

Jonathan Allen



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From: Neil Taunt [<mailto:Neil.Taunt@wrexham.gov.uk>]
Sent: 18 January 2019 11:06
To: Jonathan Allen <j.allen@datrys.coop>
Subject: RE: P/2018/0279 - Land adjacent to 4 Elventh Avenue, Llai

test

From: Jonathan Allen [<mailto:j.allen@datrys.coop>]
Sent: 16 August 2018 11:00
To: Neil Taunt
Cc: Adam Caldwell; Mared Rees
Subject: RE: P/2018/0279 - Land adjacent to 4 Elventh Avenue, Llai

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