

Appendix B.2

**WEST SUSSEX COUNTY COUNCIL
(LEAD LOCAL FLOOD AUTHORITY)
AND ARUN DISTRICT COUNCIL**



[REDACTED]

From: [REDACTED]@arun.gov.uk>
Sent: 30 April 2020 13:01
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: A29 realignment Phase 1 - Historic Flooding and Unlicensed Abstraction Data

[REDACTED],
Just add to [REDACTED]'s comments and mentioning some known flooding in the vicinity;

1. Chantry Mead – there is no flooding but issues with the construction of the suds system. This is almost resolved. Prior to the development there was flooding on the site in 1993/94.
2. As Kevin says, the surface water flood map pretty much replicates most potential/known flooding locations. An example; Highway outside Follyfoot Farm on Fontwell Avenue flooded in 1993/94.
3. Groundwater in Murrells Gardens/Chantry Mead has been know to peak at around 150mm to 300mm below ground level.
4. Historic flooding at junction of Wandleys Lane/Fontwell Avenue (highway and possibly properties) – numerous occasions - likely to be due to the Portsmouth borehole going artesian.
5. Flooding outside Hill View, Eastergate Lane in 2010 – details unknown

Regards

[REDACTED]
Principal Engineer (Drainage)

[REDACTED] | Principal Engineer (Drainage), Engineering Services, [Arun District Council](#) | Location: First Floor, Arun Civic Centre, Maltravers Road, Littlehampton, BN17 5LF
Internal: [REDACTED] | External: +[REDACTED] | Fax: [REDACTED] | E-mail: [REDACTED]@arun.gov.uk
Arun is Working in Partnership with Chichester District Council
[Visit Arun's web site at http://www.arun.gov.uk/](http://www.arun.gov.uk/) and www.chichester.gov.uk

 Save the environment - think before you print.

From: [REDACTED]@westsussex.gov.uk>
Sent: 30 April 2020 11:51
To: [REDACTED]@wsp.com>
Cc: [REDACTED]@westsussex.gov.uk>; P [REDACTED]@arun.gov.uk>
Subject: RE: A29 realignment Phase 1 - Historic Flooding and Unlicensed Abstraction Data

[REDACTED],

The actual area that the A29 Phase 1 realignment will be built over is currently agricultural land, therefore we have no knowledge of historic flooding for this location. We are aware, based on the current ground water monitoring, that the ground water adjacent to 'Murrell Gardens and Chantry Mead is generally high during the winter months. As you said in your email we are aware of historic flooding in the surrounding area, much of which follows the 'surface water flood mapping' flow routes as shown on the attached plan.

I have attached a plan showing the existing Portsmouth Water pumping stations which at times of elevated groundwater have gone artesian, winter 2013/14 being the most recent example I believe. Then the water followed the 'surface water flood mapping' flow routes i.e. south down the A29 and south down Northfield Lane.

We do not hold any records of unlicensed private water abstractions.

Regards,

[REDACTED]

[REDACTED]

Flood Risk Management – Team Leader
Highways, Transport and Planning
Place Services
West Sussex County Council

Location: Western Area Office, Drayton Lane, Nr. Chichester, West Sussex. PO20 2AJ.

[REDACTED]

E-mail: [REDACTED]@westsussex.gov.uk

[Report a problem with a road or pavement](#) or [raise a highways related enquiry](#)

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From: [REDACTED]a@wsp.com]

Sent: 29 April 2020 19:40

To: [REDACTED]

Cc: [REDACTED]

Subject: A29 realignment Phase 1 - Historic Flooding and Unlicensed Abstraction Data

Dear all,

I am writing to you in relation to the A29 realignment Phase 1.

WSP is undertaking a Flood Risk Assessment and an Environmental Impact Assessment for this scheme and we would like to request relevant flood risk data as well as records of unlicensed water abstraction.

Please could the WSCC (LLFA) and Arun District Council provide us with the following:

- Updated historic flood records near the scheme, including groundwater flooding in the area. In previous correspondence with Arun District Council, dated March 2018, we are been informed of flooding in Chantry Mead (north of the proposed roundabout with Barnham Road) – please could you confirm;
- Whether you hold any records of unlicensed private water abstractions (surface water and groundwater). Licensed abstraction records are held by the Environment Agency, and represent abstractions over 20,000m³;
- Any other relevant flood risk information.

Please find attached a highways layout of the scheme which might be subject to further detailed design and boundary agreements.

Feel free to contact myself on the number below with any questions.

Kind regards,

Engineer – Water Specialisms



[Redacted]

Mountbatten House, Basing View
Basingstoke, Hampshire
RG21 4HJ

wsp.com

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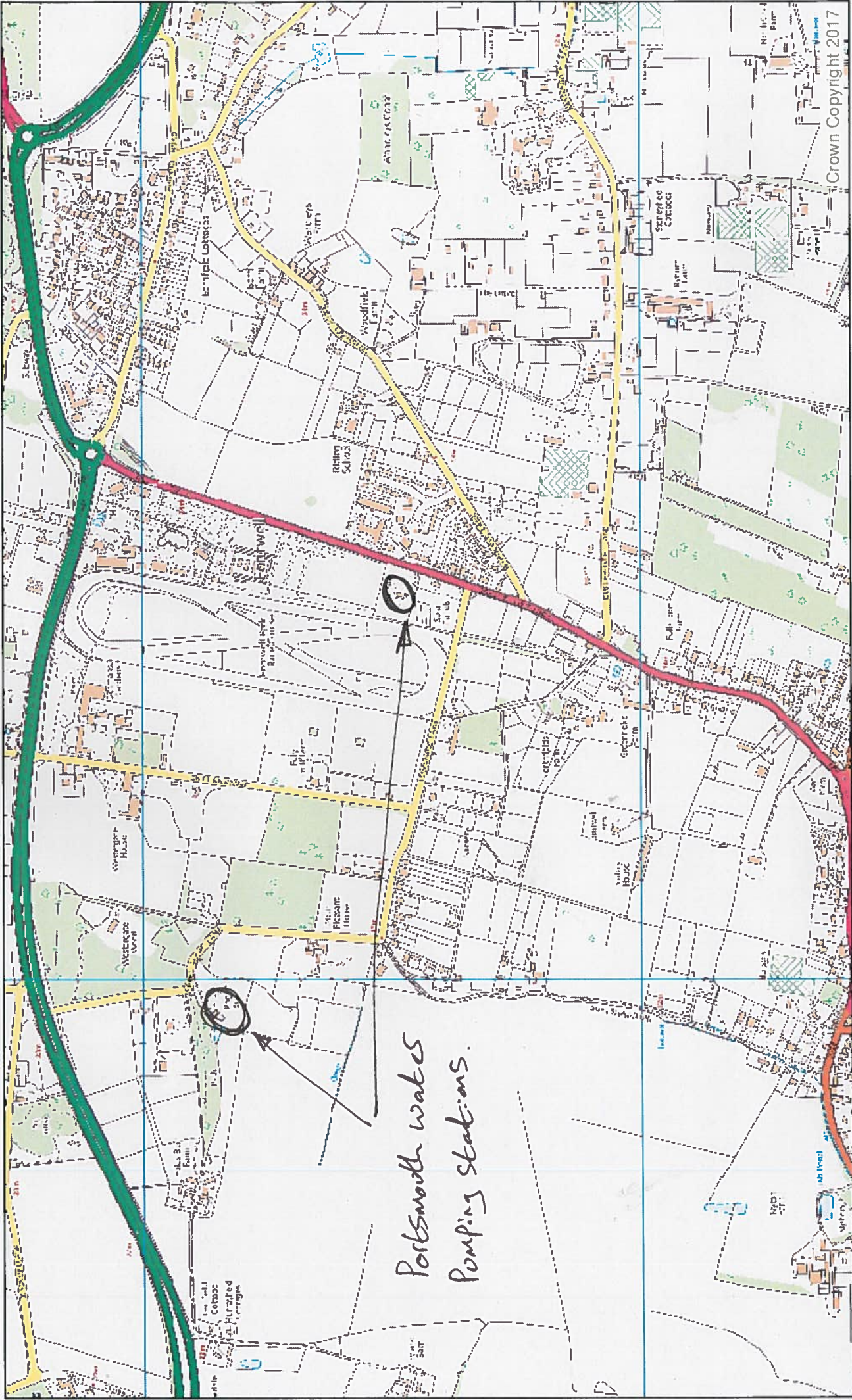
Surface Water Flood Risk Areas



Date: April 2020
Author: K Macknay
Scale: 1:10,000
Map Notes:

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100023447 (2017)

Portsmouth Water Pumping Stations



Date: April 2020

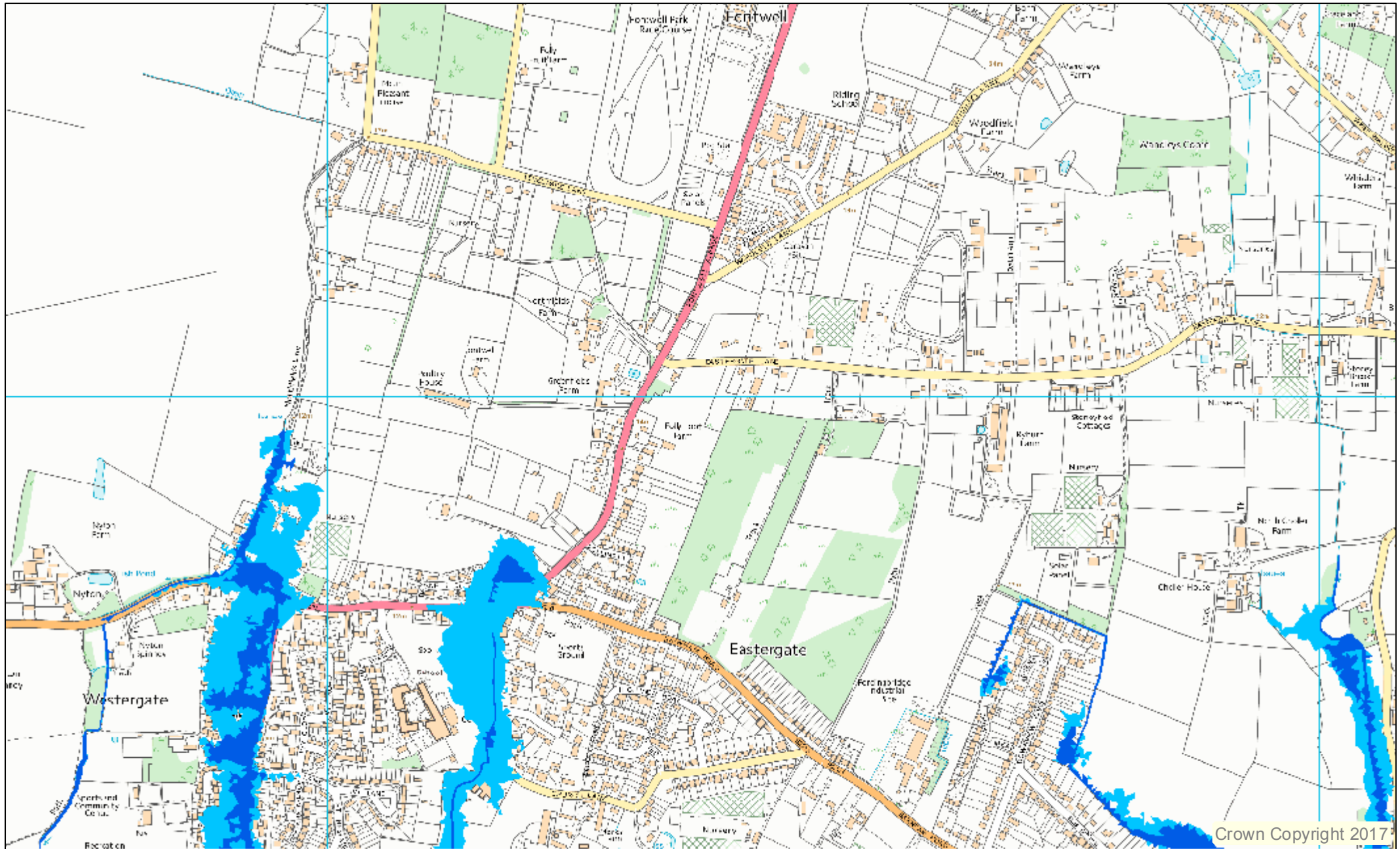
Author: K Macknay

Scale 1:10,000

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EA Flood Zones 2 and 3



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Date: April 2020
Author: K Macknay
Scale: 1:10,000
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