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From: [Redacted]
Sent: 17 March 2020 13:19
To: _WEB_Local Plan
Subject: Wessex Water Response Stroud District Council Local Plan Review

Categories: In progress

- Please see below the response on behalf of Wessex Water to the Stroud District Local Plan. I apologise for the delay in response.
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- ***Do you support the Council’s preferred strategy for meeting Stroud District’s future growth and development needs?***

Wessex Water is the Sewerage Undertaker for the southern area of the Stroud District, incorporating the areas of Berkeley, Sharpness, Newport, Stone and the Wotton Cluster. We note the new settlement to be located at Newtown/Sharpness and moderate development within Berkeley and Kingswood.

The availability of sewage treatment is normally assessed as part of the sustainability appraisal to measure the impact of providing further sewage capacity upon the local environment. Sewage treatment works can be assessed using the RAG method:

- Red** Existing capacity not available, providing new capacity will involve Environment Agency consent review and / or construction outside of current sewage treatment work boundaries
- Amber** Existing capacity not available, providing new capacity will involve construction inside of current sewage treatment boundaries
- Green** Existing capacity available

Investment in sewage capacity is considered within Wessex Water’s five yearly business planning process. We recommend further assessment is carried out with Wessex Water on the impact of the new settlement proposed at Sharpness on the existing Sharpness Sewage Treatment works.

Are there any additional issues or constraints relating to the proposed sites? And how should specific constraints, needs and opportunities be reflected in the final site allocation policies?

Connection to new sewer networks will be in accordance with current charging arrangements (details available on Wessex Water’s website) with developers connecting sewers to the nearest

“size for size” connection. The table below provides indicative points of connection and potential capacity improvements. Capacity improvements will be managed by Wessex Water in accordance with current charging arrangements.

Draft Policy	Name	Development Description	Sewer Capacity	Treatment Capacity (RAG in accordance with description above)
PS33	Northwest Berkeley	120 dwellings	150mm sewer available for connection to the south of the proposal. Further assessment required at the downstream pumping station (14388)	Sharpness STW - Capacity GREEN
PS34	Sharpness Docks	300 dwellings plus recreational leisure and employment use	Potential long off site connections and significant sewerage infrastructure	Sharpness STW - Capacity GREEN
PS35	Land at Focus School Wanswell	70 dwellings	150mm sewer available for connection to the west of the proposal. Further assessment required at the downstream pumping station (15432)	Sharpness STW - Capacity GREEN
PS36	New settlement at Sharpness	5,000 dwellings 10ha employment	Pumped connection straight to the existing sewage treatment works or potential on site private treatment arrangements.	Sharpness STW - Capacity RED
PS38	South of Wickwar Road	50 dwellings	150mm sewer (size assumed and subject to confirmation) for connection to the north of the proposal. Further downstream assessment required cumulative impact of recent approved and proposed development	Charfield STW - Capacity GREEN

PS47	West of Renishaw New Mills	9ha employment	Existing 525mm combined sewer to the north of the site (significant length of off site sewer or potential watercourse crossing)	Charfield STW - Capacity GREEN
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There are no improvements planned at Sharpness sewage treatment works to facilitate connections from 5,000 dwellings and 10ha of employment in Wessex Water's next Business Plan period (2020-2025). Please contact the undersigned to initiate an appraisal to consider the potential impact on the sewage treatment works of additional flows of this magnitude (effectively tripling existing flows) and if capacity improvements are possible within existing environmental constraints. As the development proposal is close to the sewage treatment works the impact of odour and flies on the new development will also need to be assessed.

- ***Are any further changes to the proposed policies necessary? Are there specific things that should be included in supporting text?***

No further comment.

Kind Regards

[Redacted signature]

Wessex Water

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