



Thorne & Hatfield Moors Conservation
Forum
Via Email

Our Ref: EMD-172566

Your Ref:

Date: 29 June 2020

Dear Sir/Madam

Enquiry regarding Hatfield Moors SSSI

Thank you for your enquiry which was received on 25 May 2020. I can only apologise for the lateness of this response.

We respond to requests under the Freedom of Information Act 2000 and Environmental Information Regulations 2004.

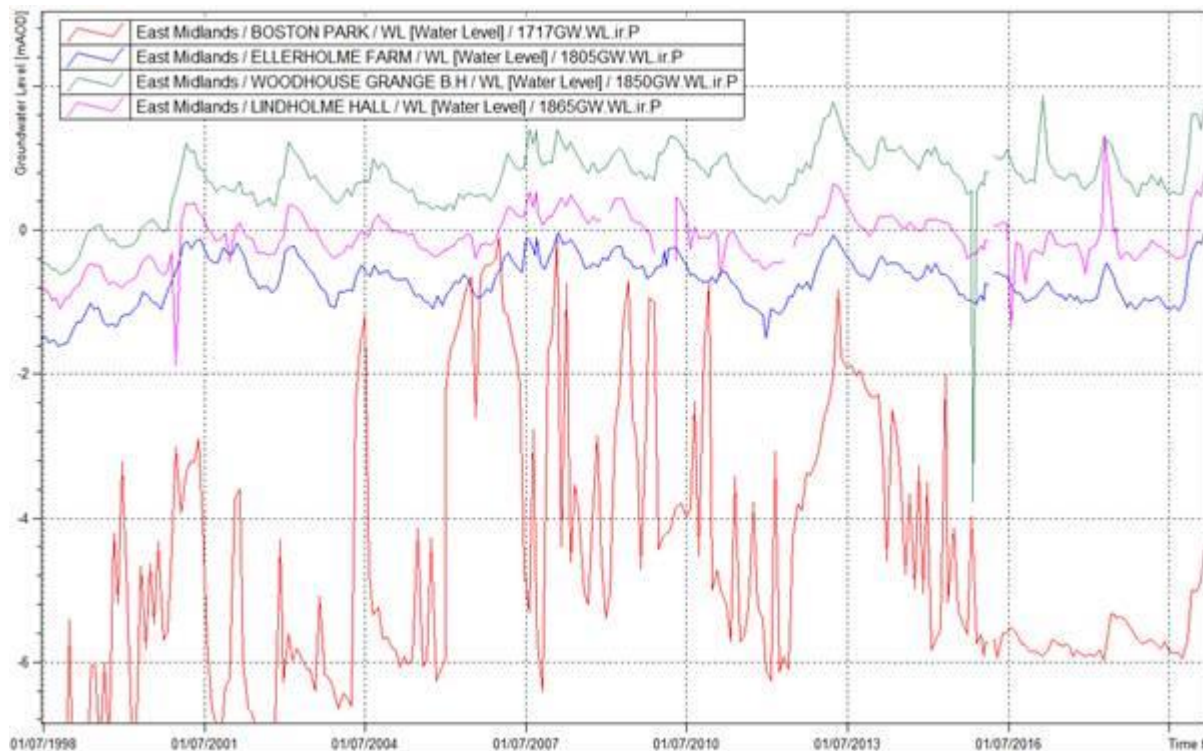
1: Is there a direct connection between the surface water and the ground water aquifer on Hatfield Moors SSSI

Please see attached results.

Our Groundwater Level Borehole Network shows that groundwater levels around Hatfield Moors SSSI seasonally range from approximately -1 to +2 mAOD when not close to groundwater abstractions like Boston Park BH. See image below for more detail. We have attached the borehole groundwater level data too.

Elevation data around the site shows that Hatfield Moors SSSI is quite flat with low points on the surface water ponds being around +1 mAOD. See the image below. Comparing the elevation data with the groundwater level data suggests that groundwater is likely to be in connection with the surface water features at Hatfield Moors SSSI. The Sherwood Sandstone is unconfined in this location, however a higher perched groundwater level might be locally encountered as Peat is able to retain lots of water.

We are assuming that the surface water features are unlined.



2: Has a Habitats Regulations Appropriate Assessment been undertaken for the abstraction operation at Boston Park?

3: Please provide a copy of the above Assessment.

All the SSSI reports are in hard copy in our office, and cannot be accessed at the moment because of COVID-19 restrictions on going into the office. Similarly the Habitat Regulations assessments are in hard copy in the office.

Our Fisheries team have asked that I attached the enclosed letter which they feel may answer your questions.

Please refer to [Open Government Licence](#) which explains the permitted use of this information.

Please get in touch if you have any further queries or contact us within two months if you'd like us to review the information we have sent.

Yours sincerely

Ray Gallagher
Customers & Engagement Officer
East Midlands

For further information please contact the Customers & Engagement Team on 02084 747770

Direct e-mail:- EMDenquiries@environment-agency.gov.uk