

Anneka France GIS Analyst – The Rivers Trust













Do we have enough water resources to meet the demand?

Investigate the catchment water balance using the Catchment Abstraction Management Strategy

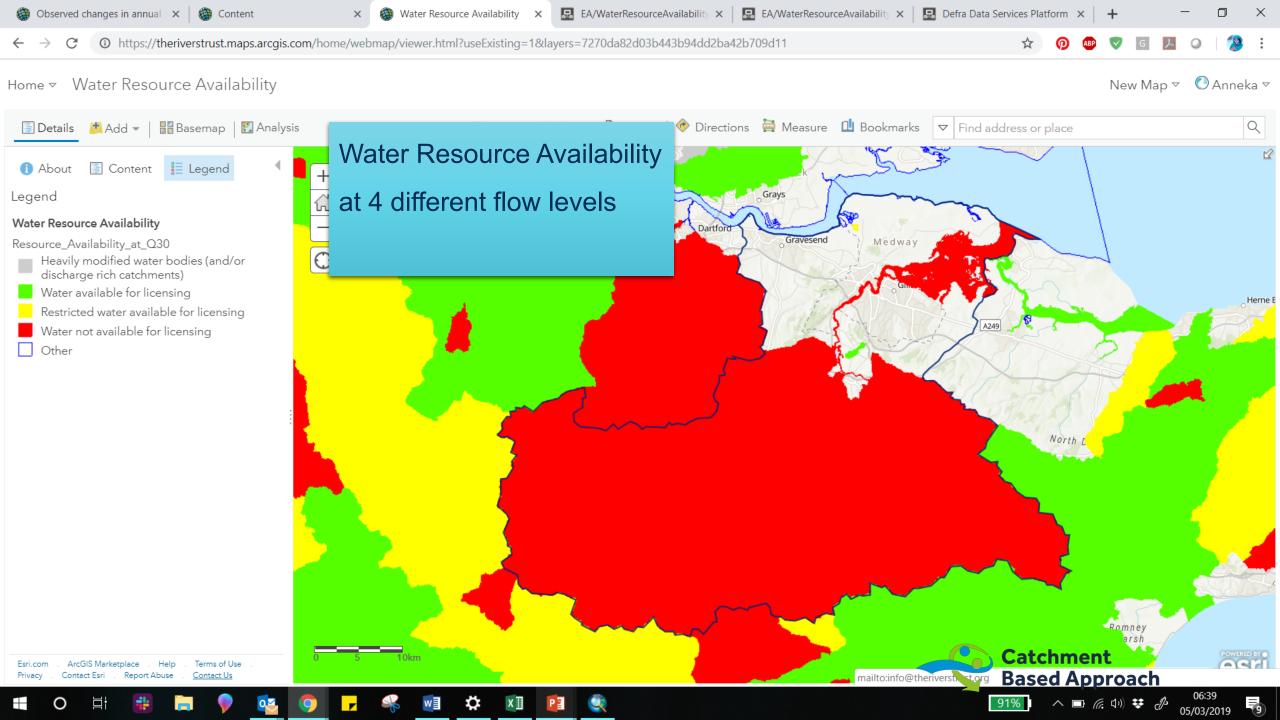
- CAMS Water Resource Availability
- CAMS Reliability

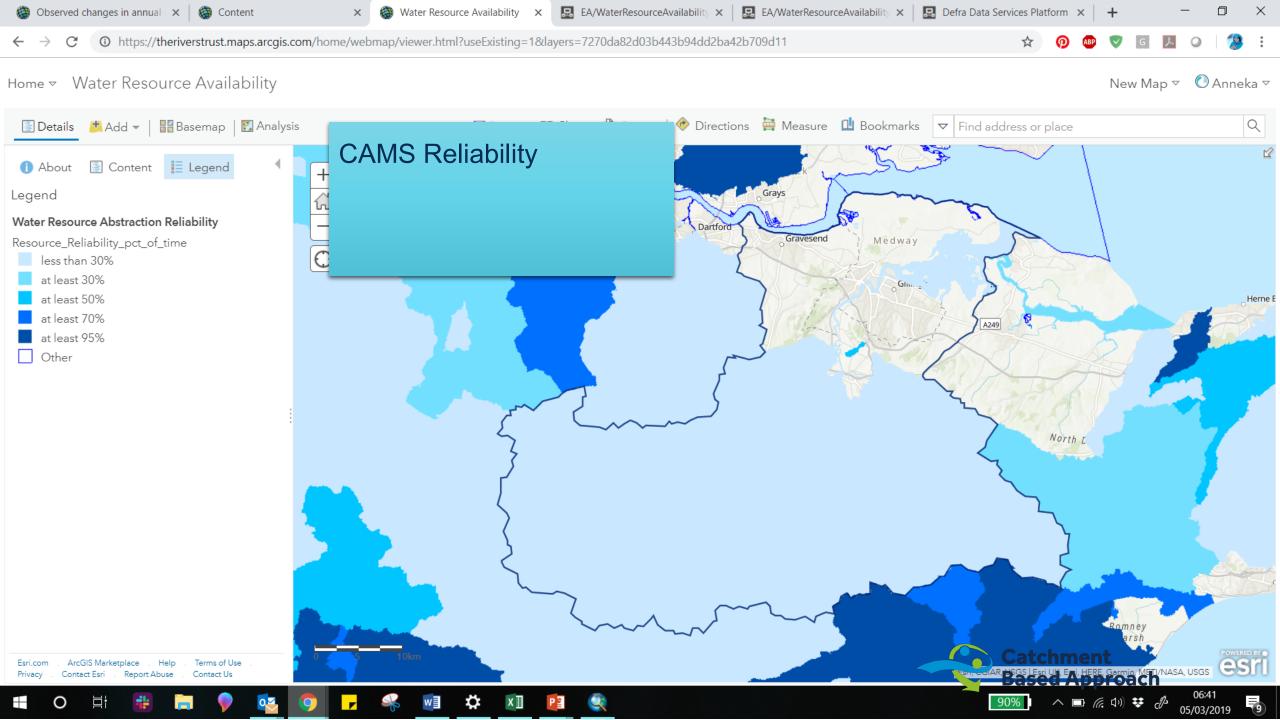
Natural flow – EFI = water available for abstraction

Abstractions vs. discharges

Groundwater & surface water







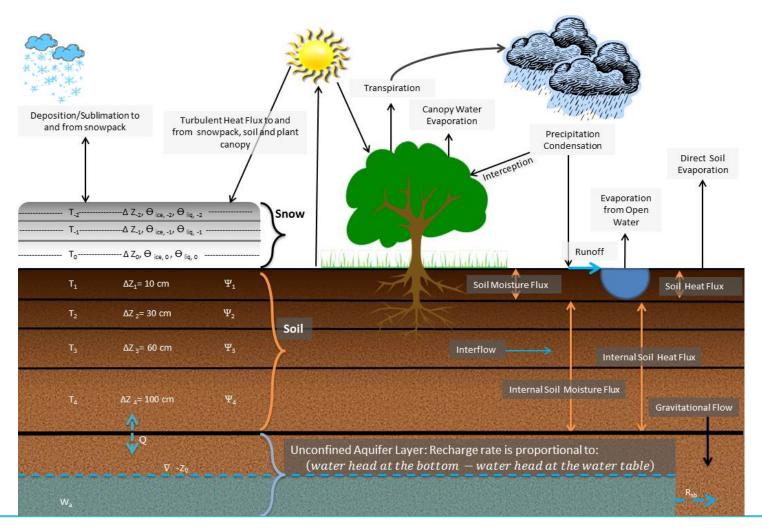


Source

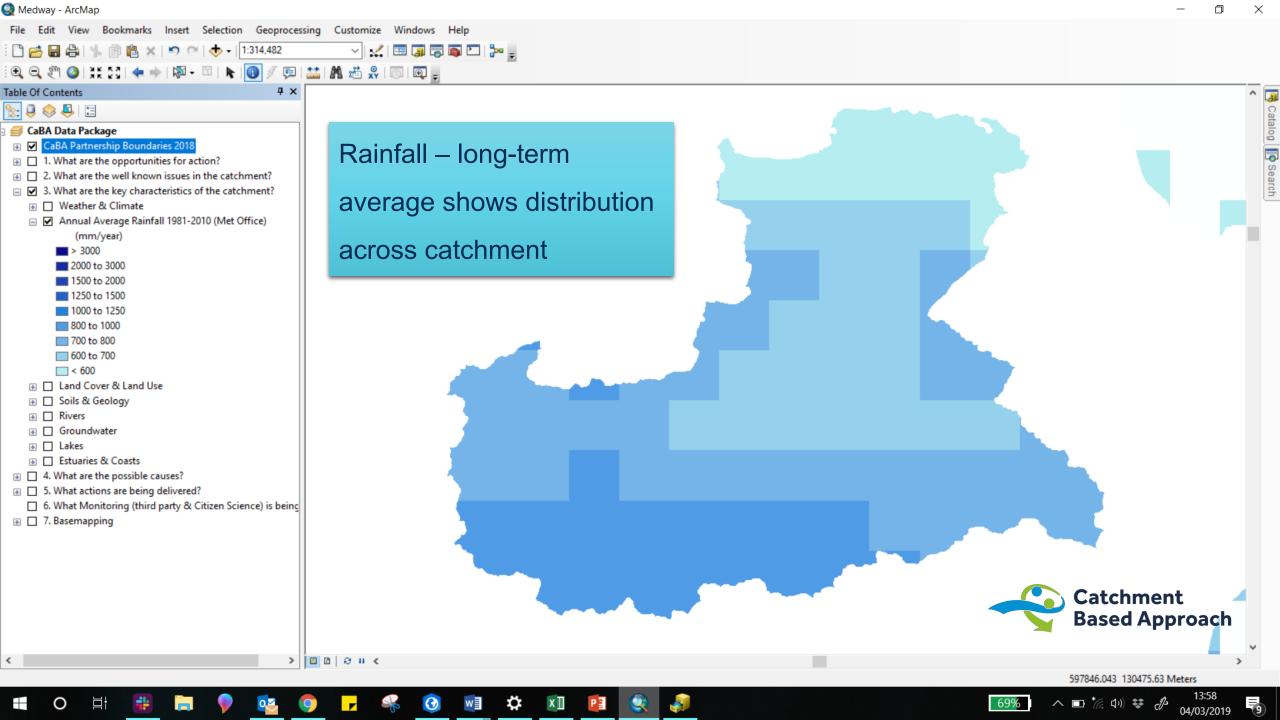
Where does our water come from?

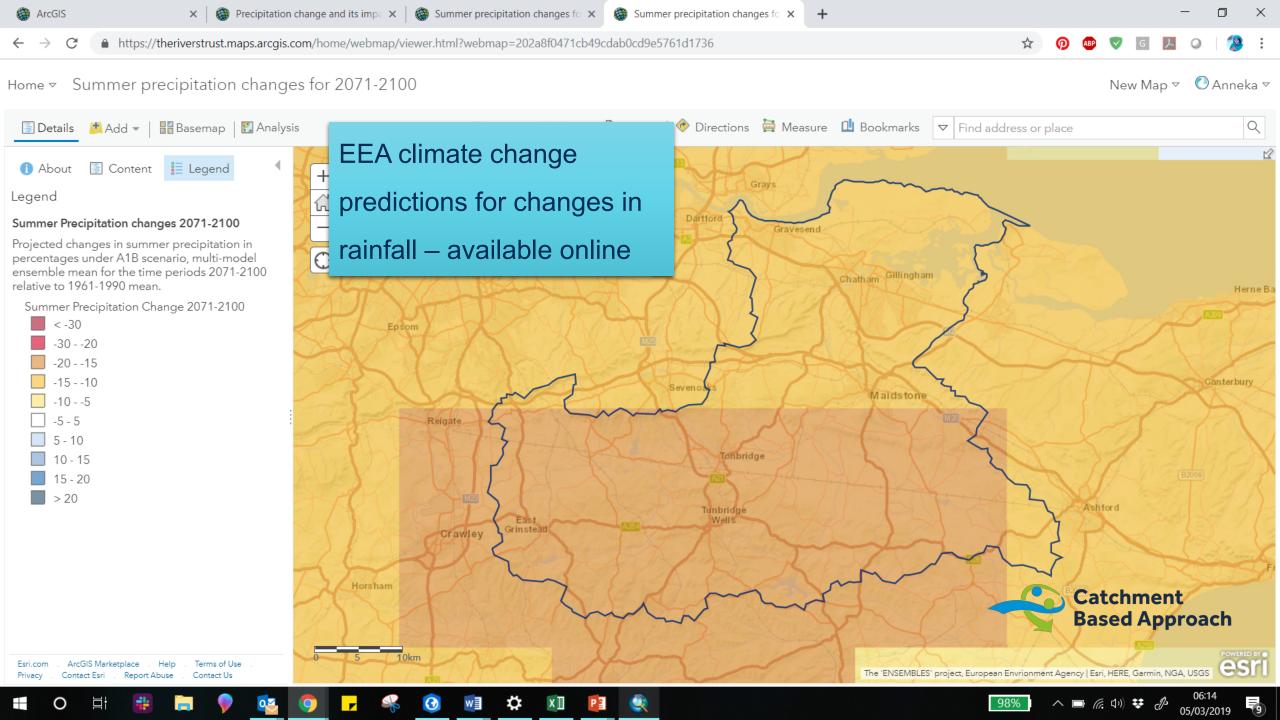
How are our water resources distributed?

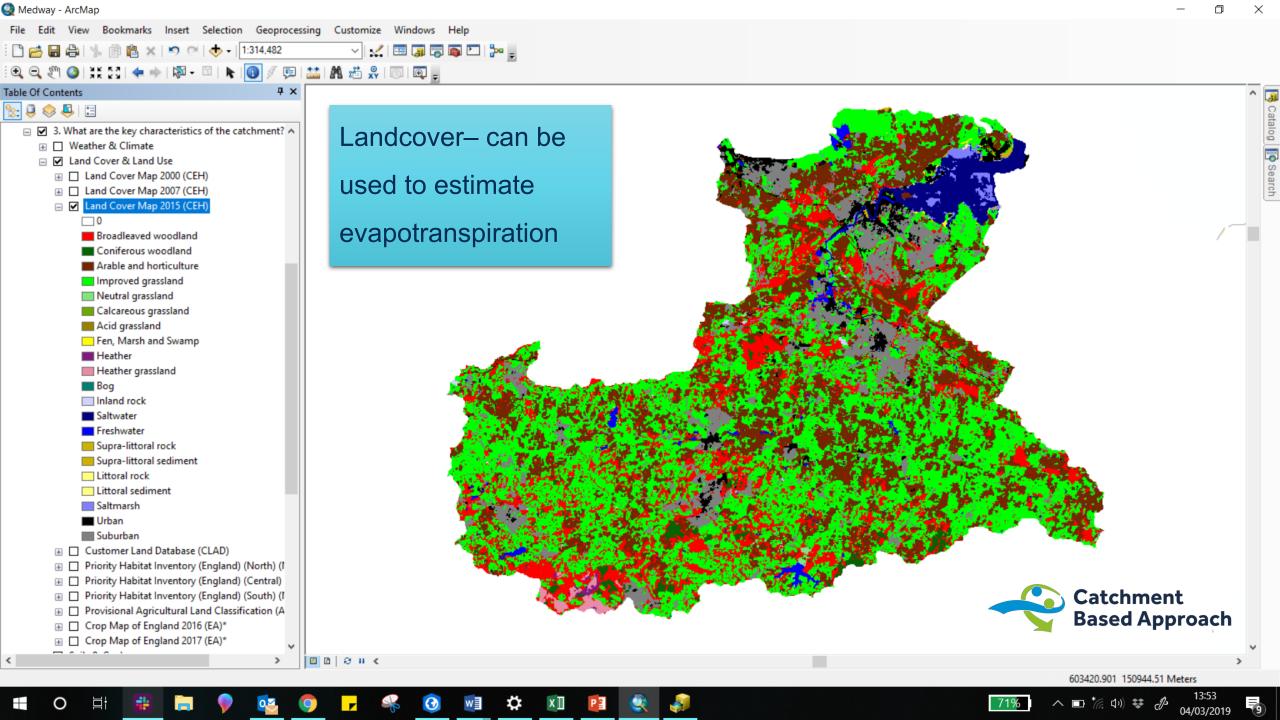
Where can they be enhanced?

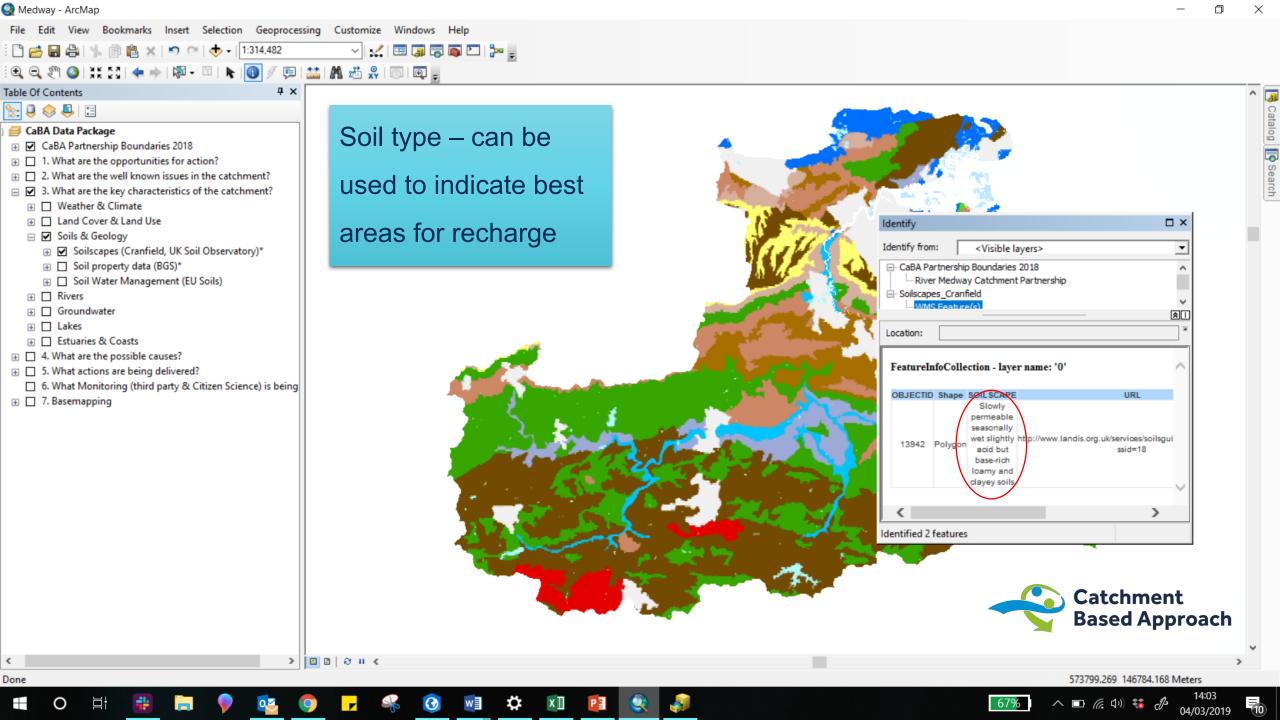


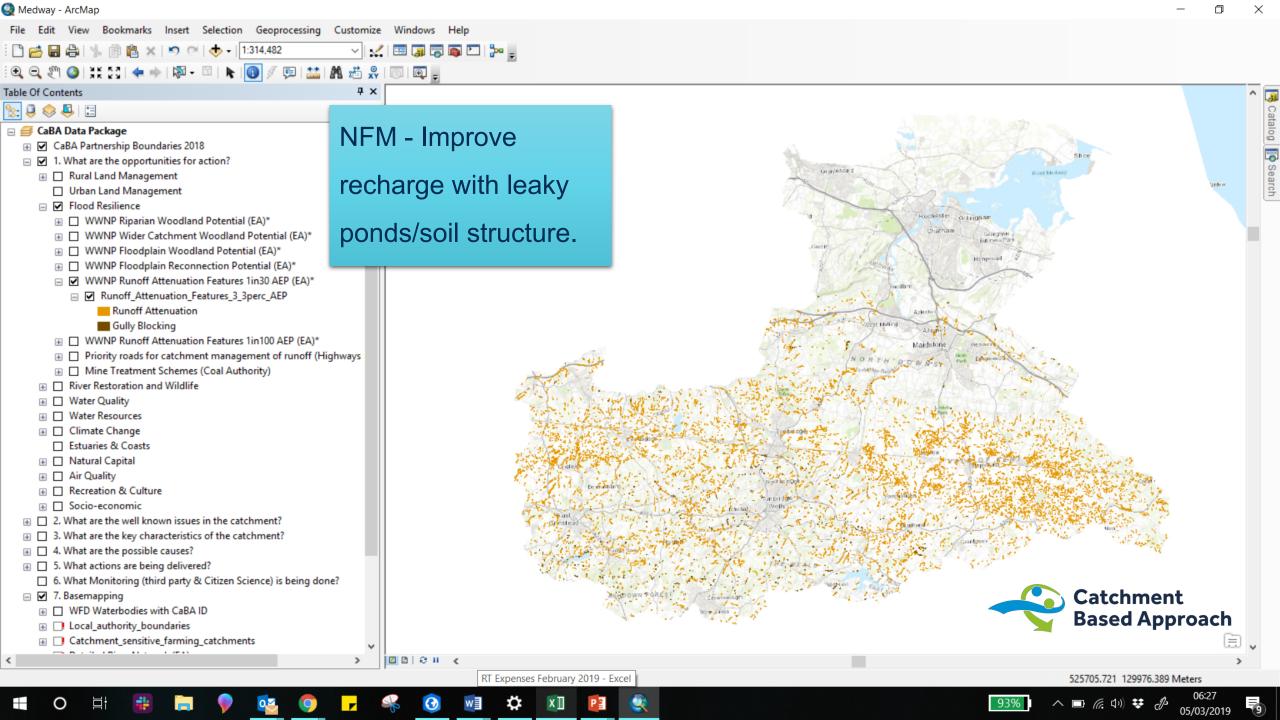


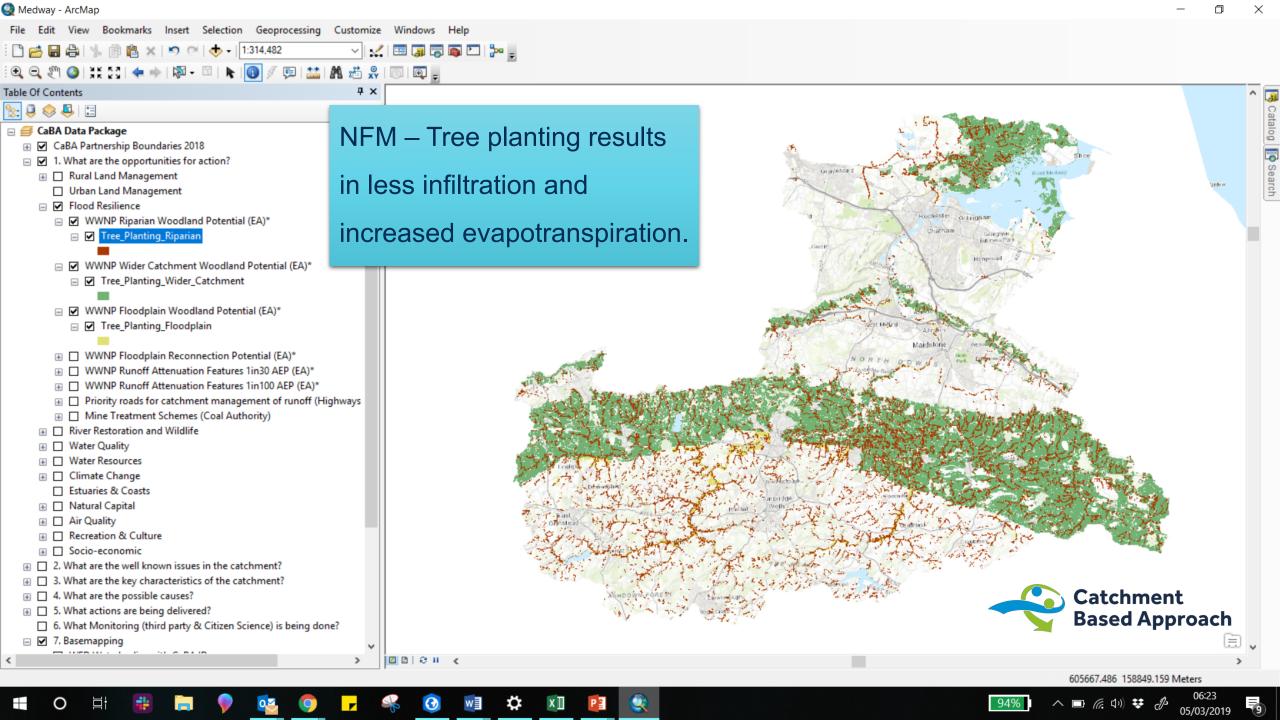












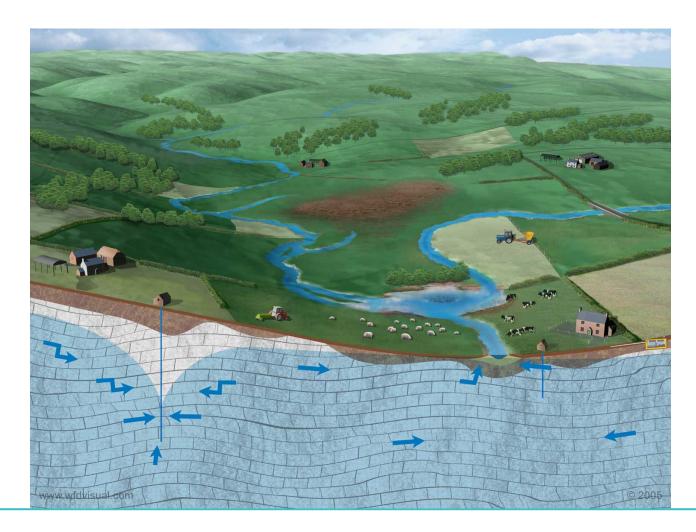


Pathways

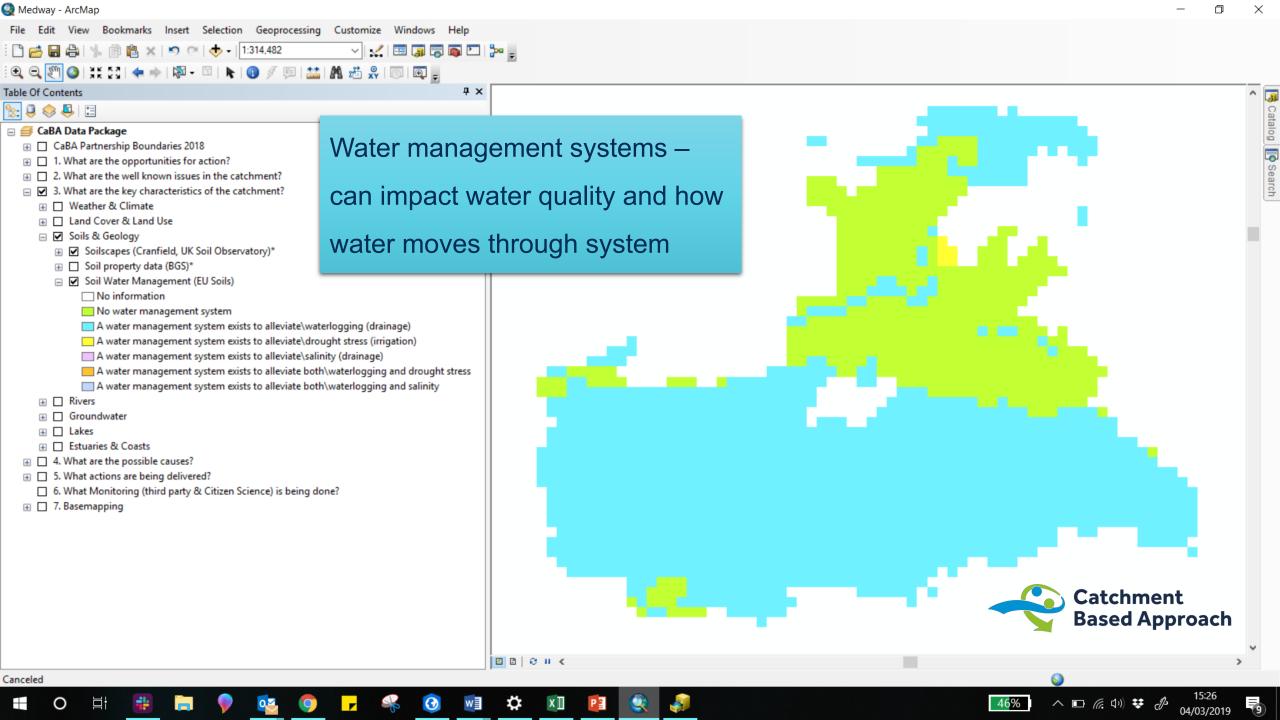
How does water travel through the system?

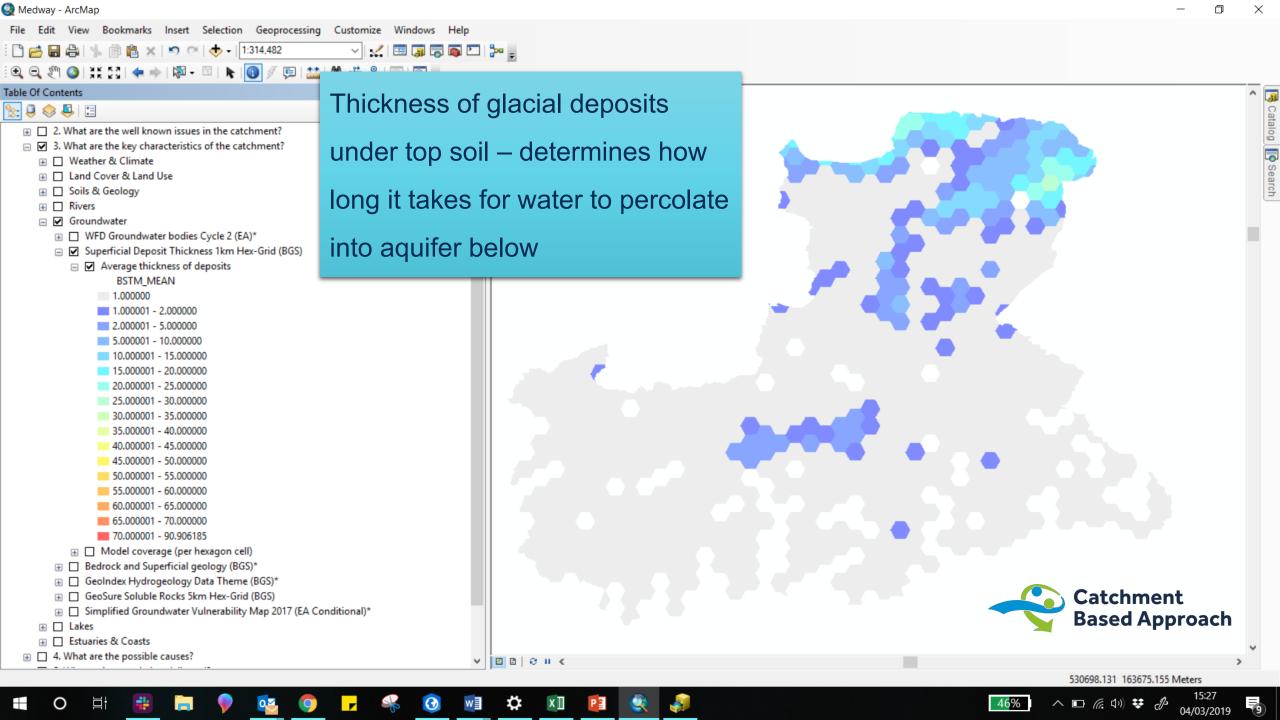
How quickly does it travel through the system?

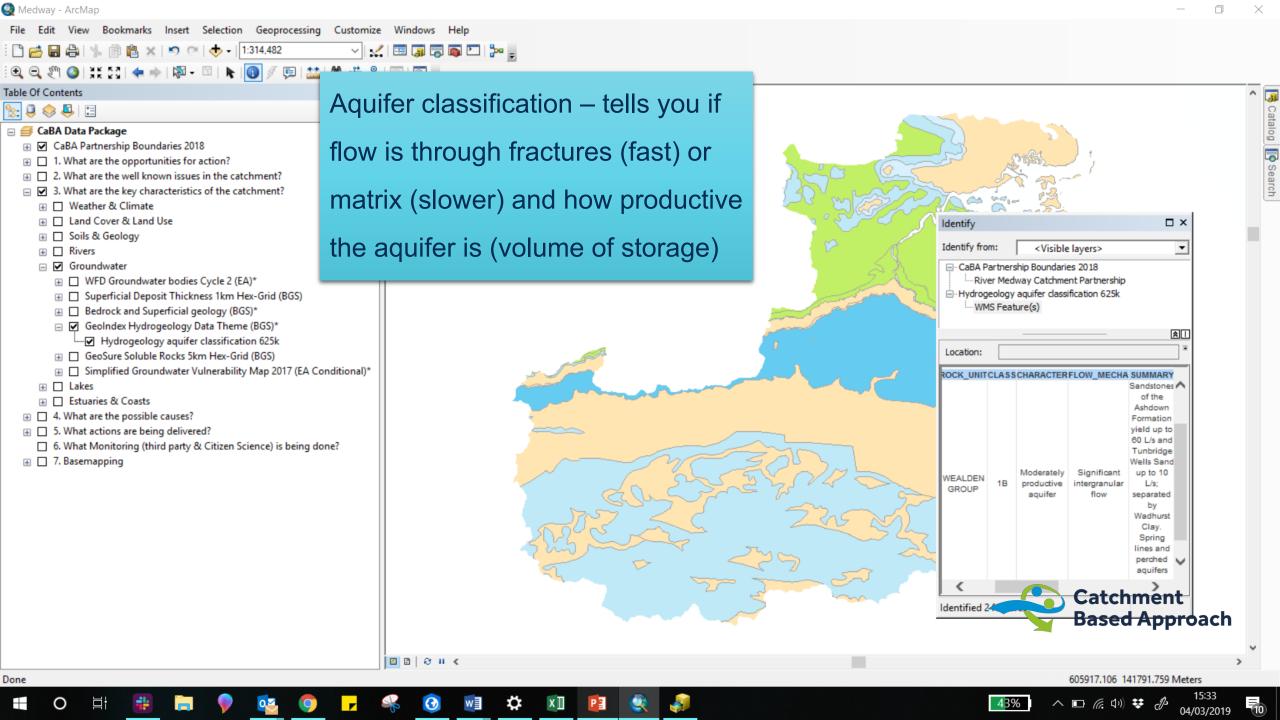
Is the groundwater vulnerable to pollution?

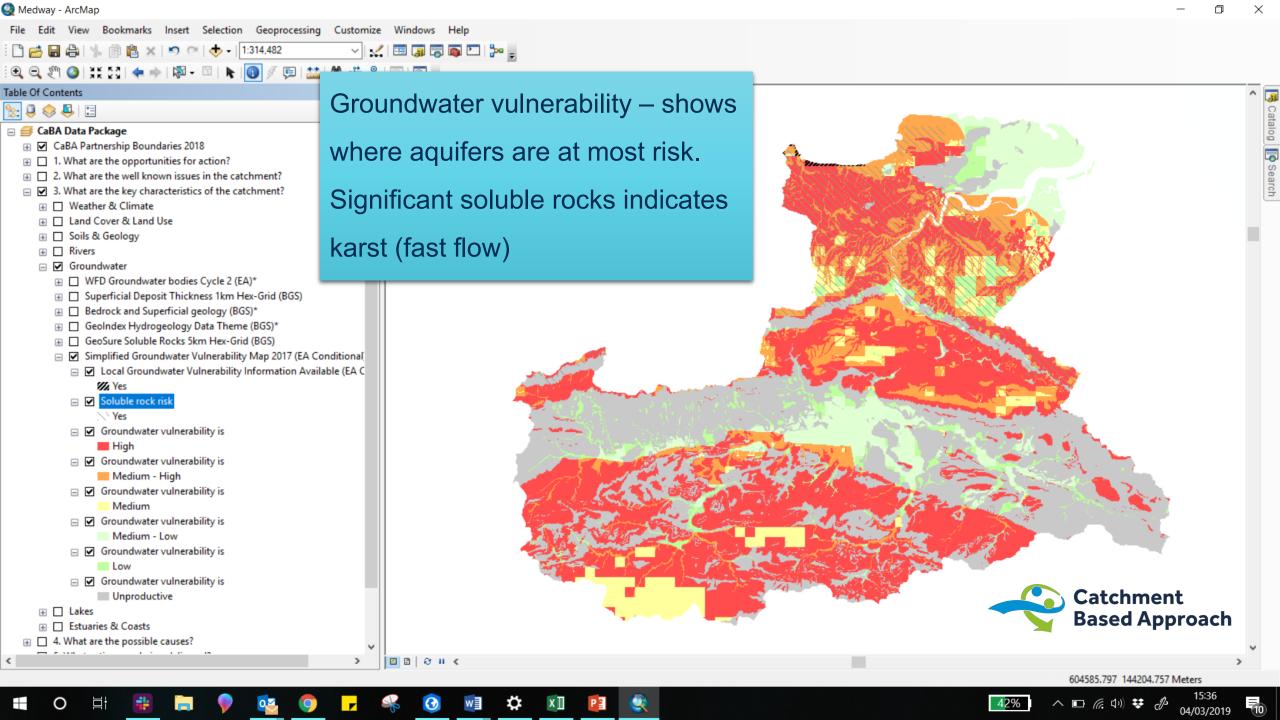












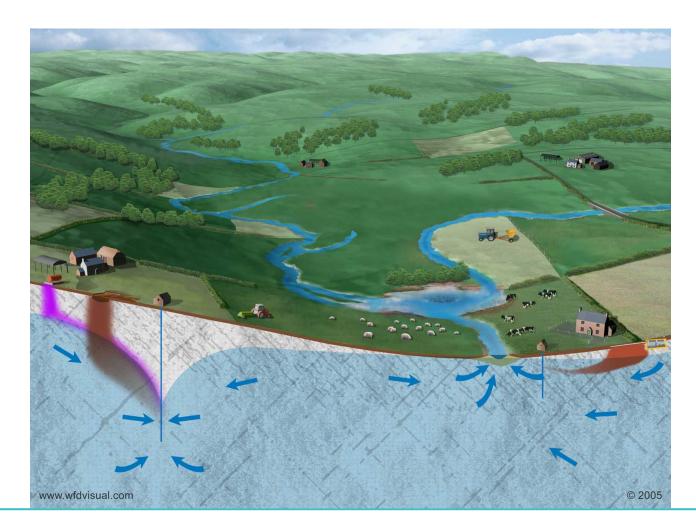


Receptors

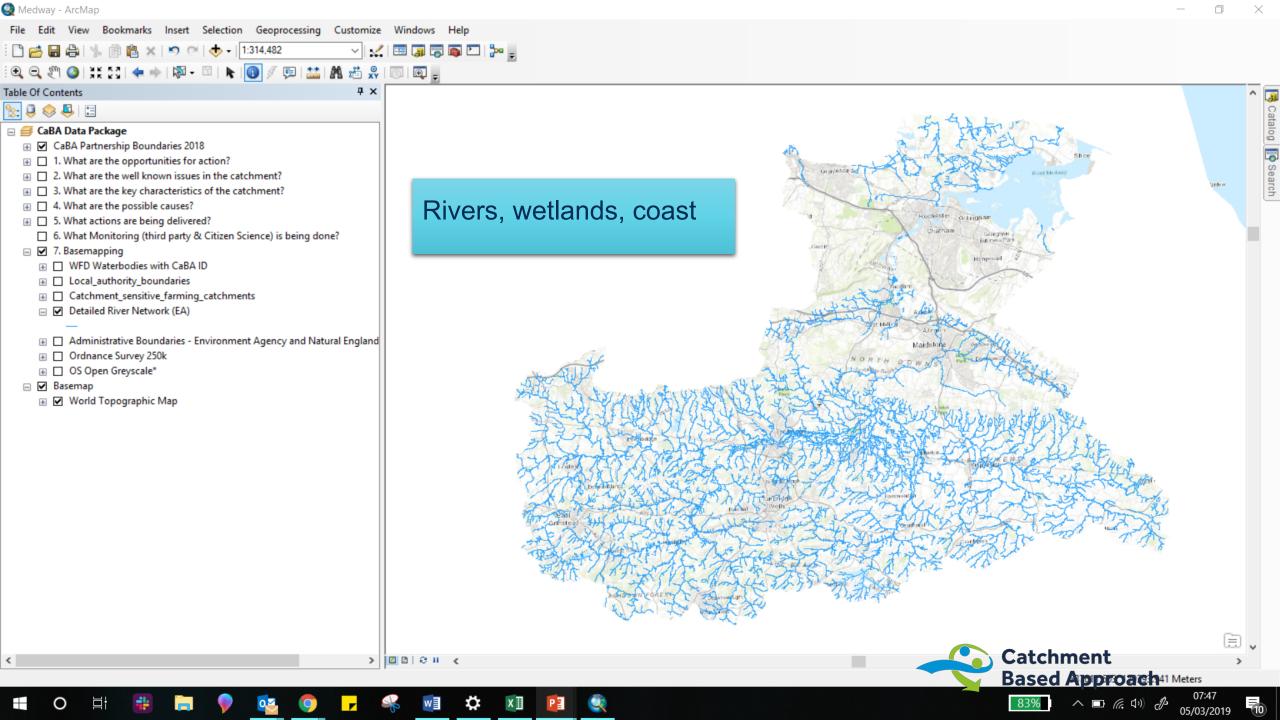
Where does water end up?

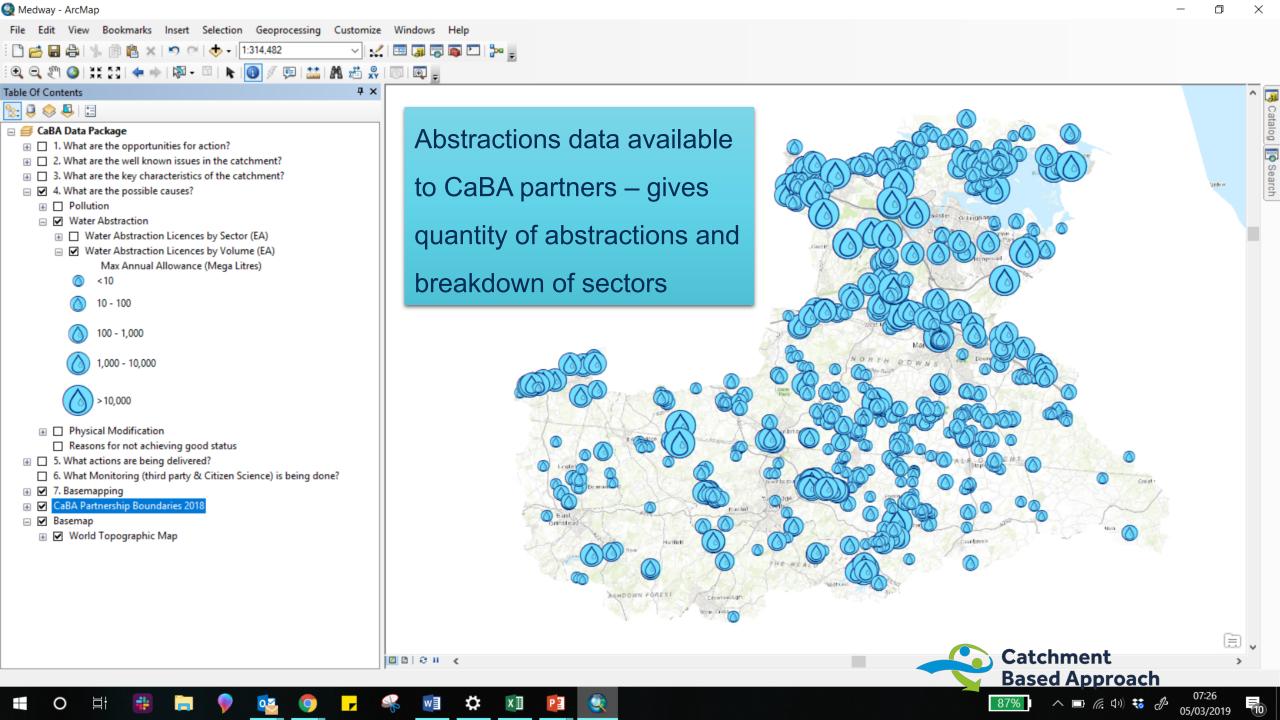
Where do we abstract water?

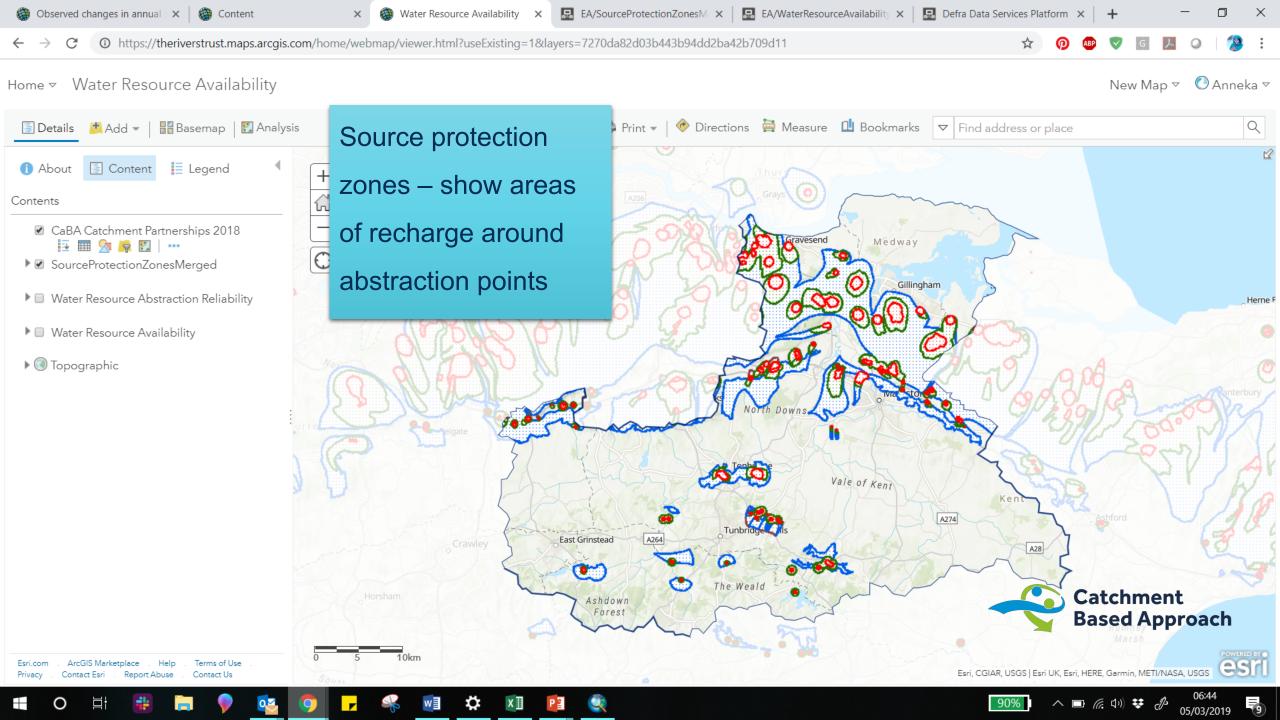
Where are there significant water management issues?

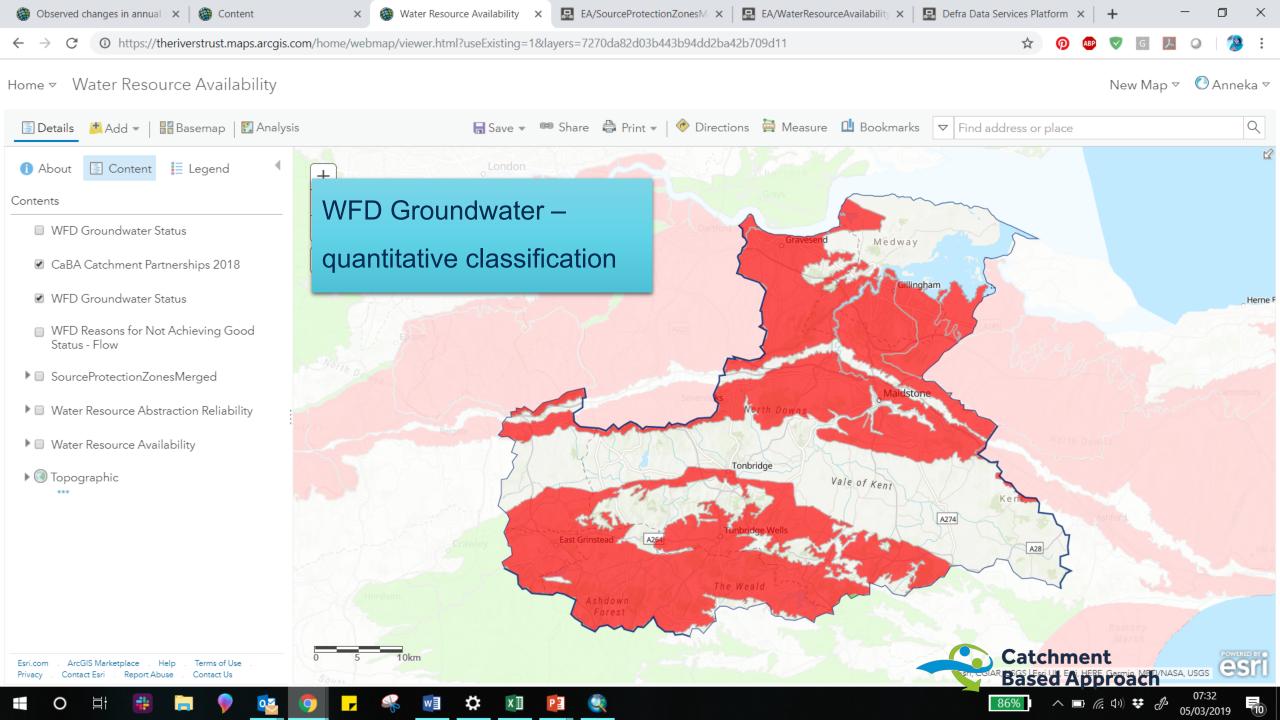


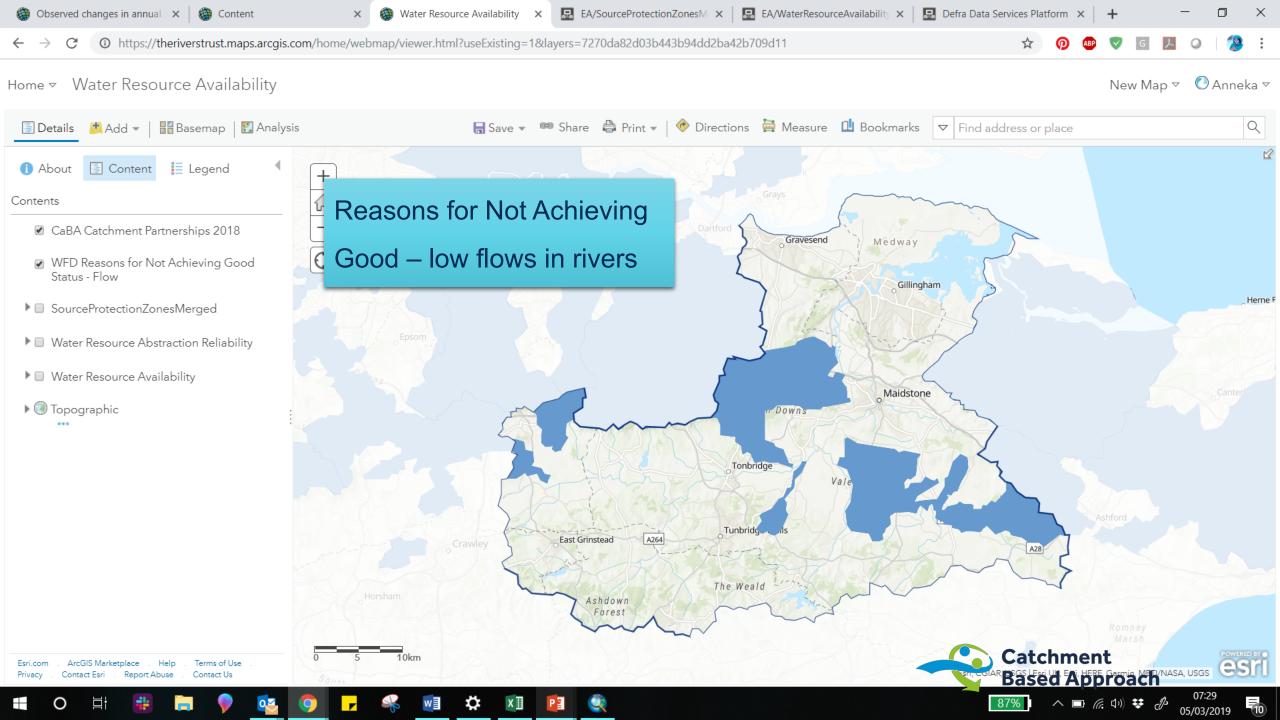














Enrich understanding with local data

Enough info for a simple conceptual model to understand the water resources environment and potential issues/opportunities

Then challenge and refine the catchment scale understanding with local data

We will be running a webinar soon with a more detailed breakdown of the data & evidence available for water resources – keep an eye out on the CaBA website!

