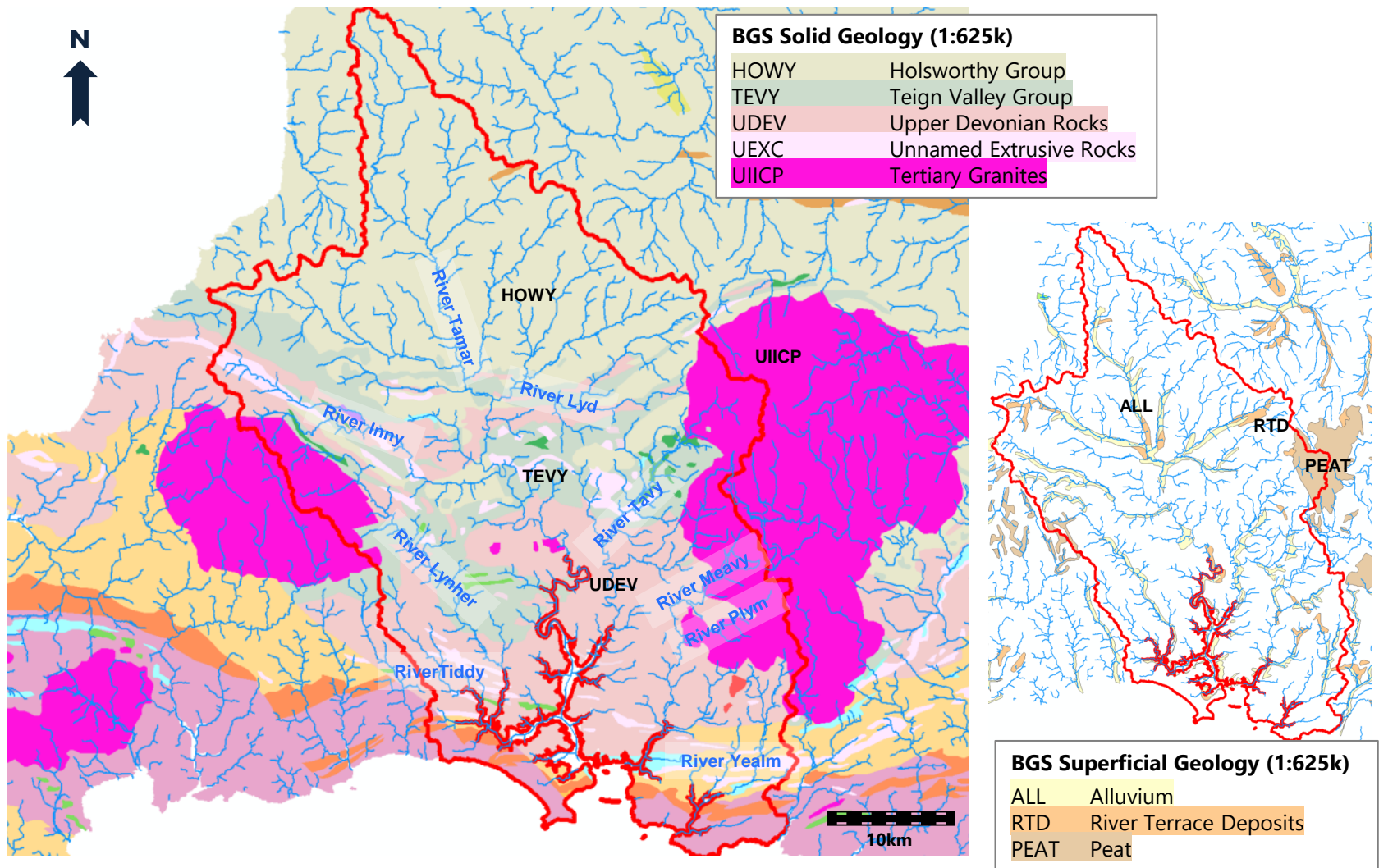




Environmental Destination

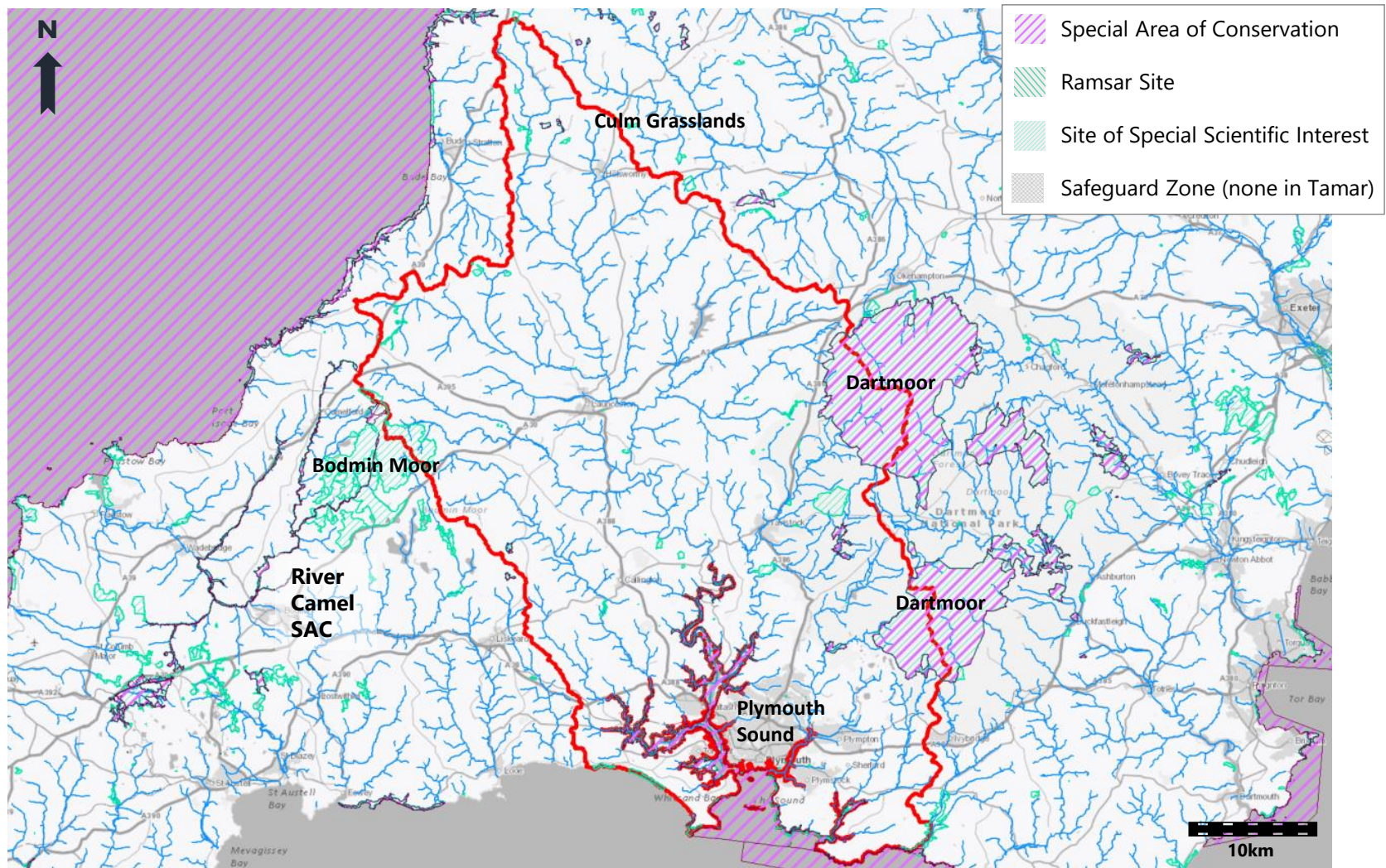
Figures accompanying Annex D: Tamar pilot catchment plan to increase future water supply and low flow environmental resilience

Figure D2.1 Tamar catchment: rivers and geology



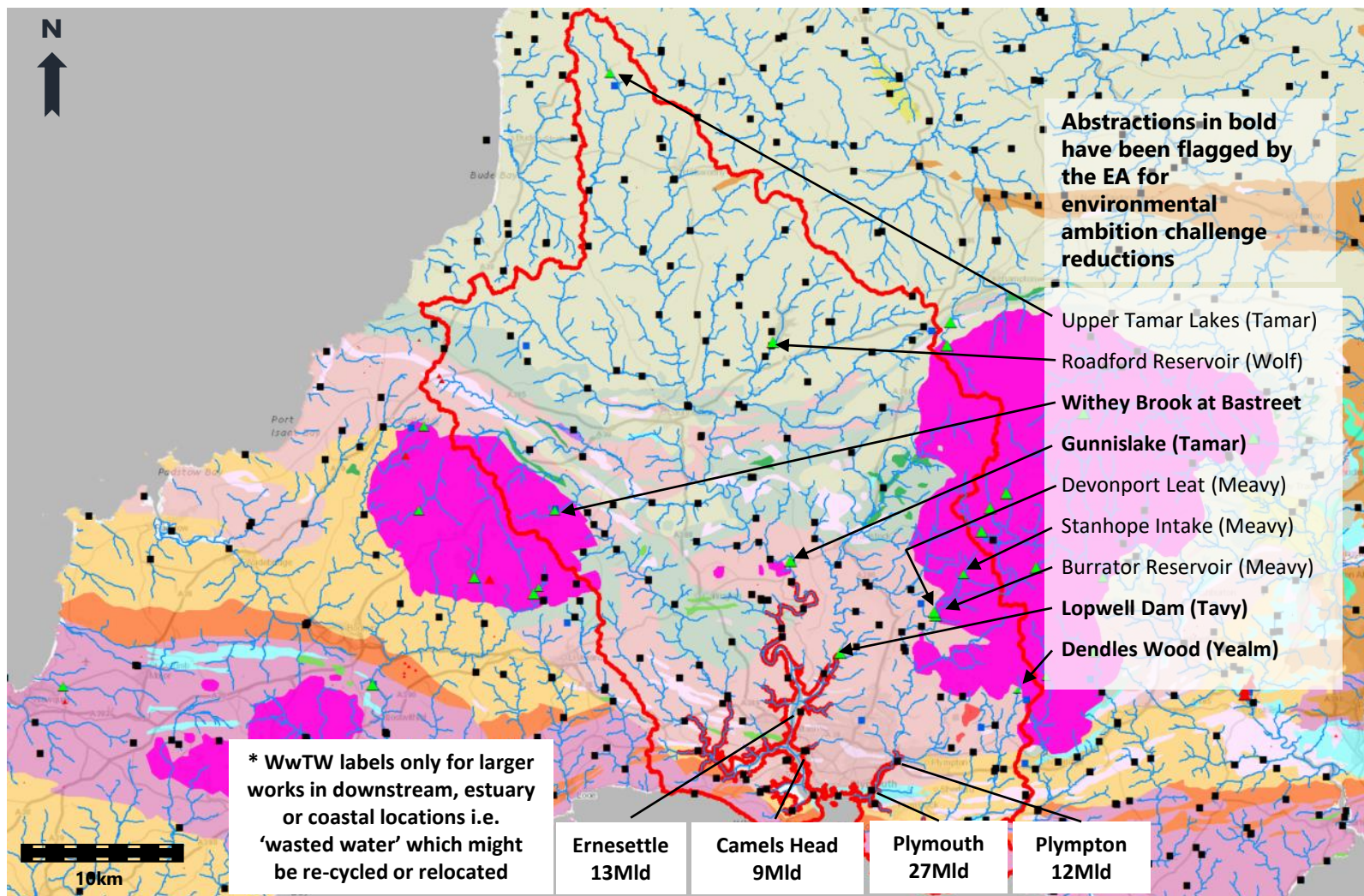
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Figure D2.2 Tamar catchment: Designated sites and Drinking Water Safeguard Zones



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Figure D2.3 Tamar catchment: **PWS Surface water abstractions** and WwTW discharges*



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Annex D: Tamar pilot catchment plan to increase future water supply & low flow environmental resilience
Reference 807434-WOOD-WRG-TA-FG-OW-0001_A_P01.3

Figure D2.4a Tamar catchment: Surface Water Abstraction by Sector (total, MI/d)

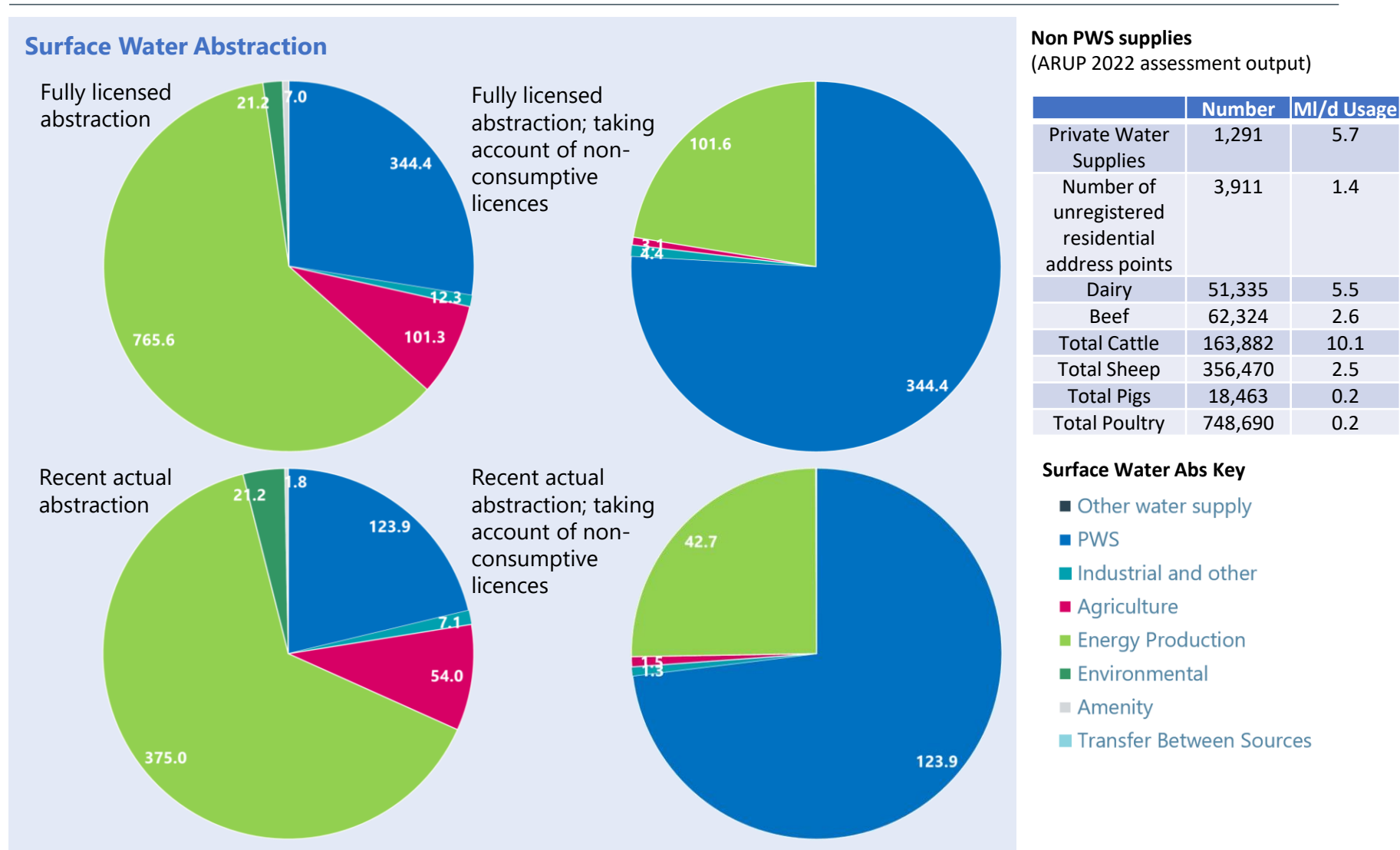


Figure D2.4b Tamar catchment: Groundwater Abstraction by Sector (total, MI/d)

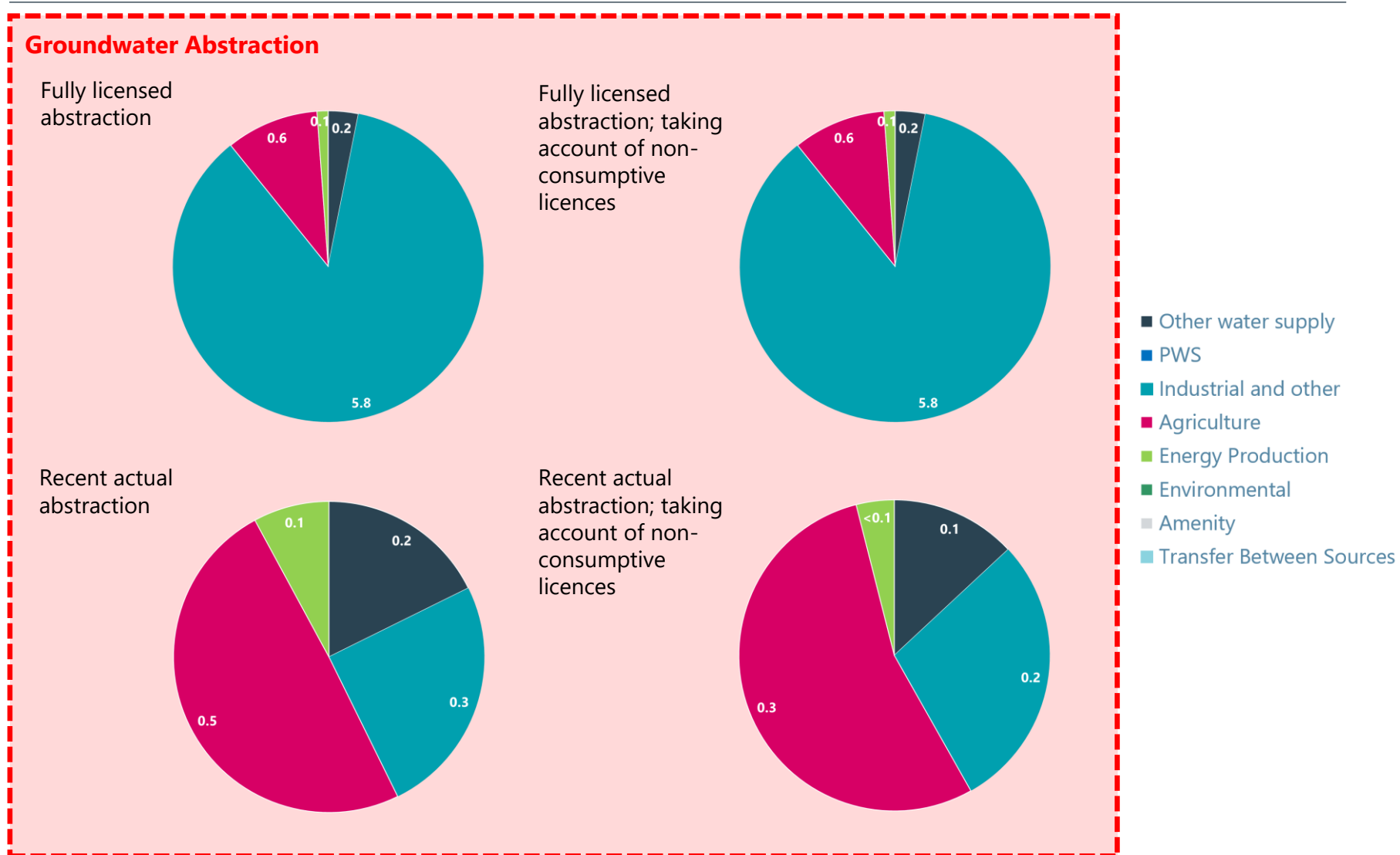
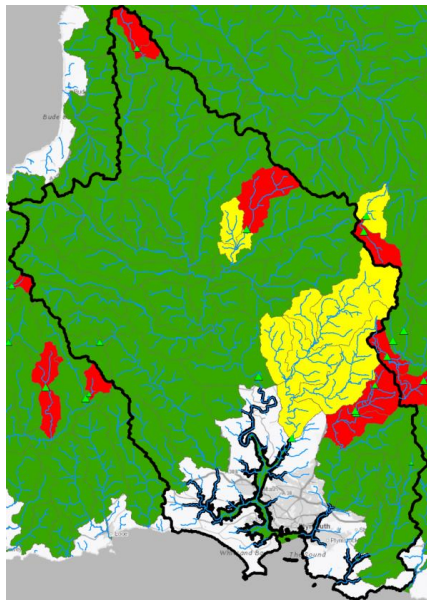
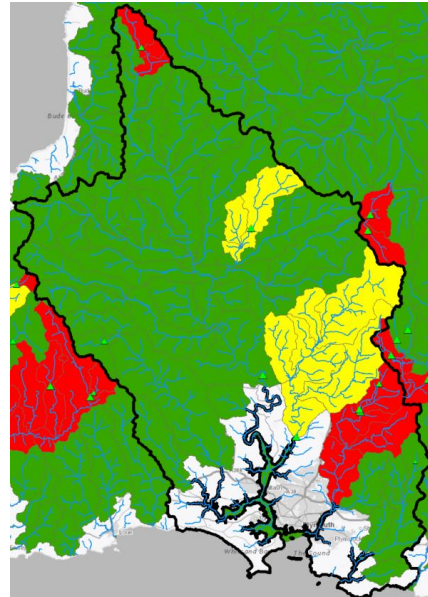


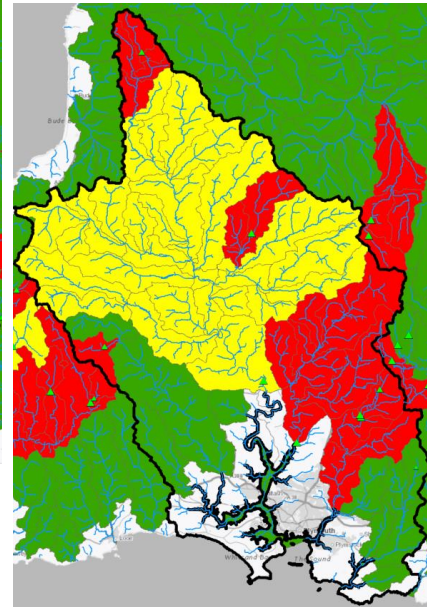
Figure D2.5 Environment Agency water resource availability at Q30, Q50, Q70, Q95 (Cycle 2, last updated 16 April 2021)



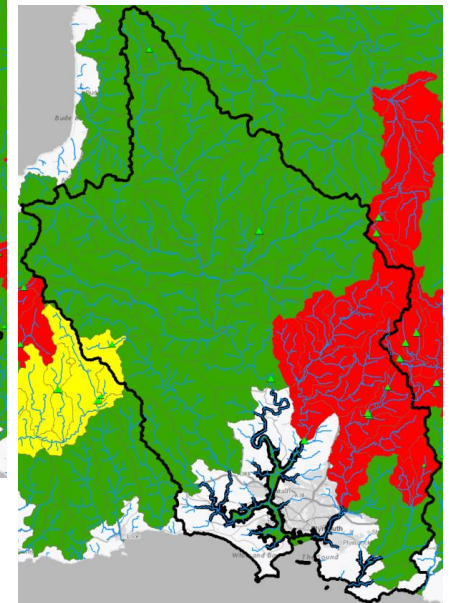
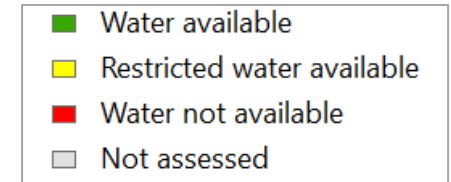
Availability at Q30 (high flows)



Availability at Q50 (moderate flows)



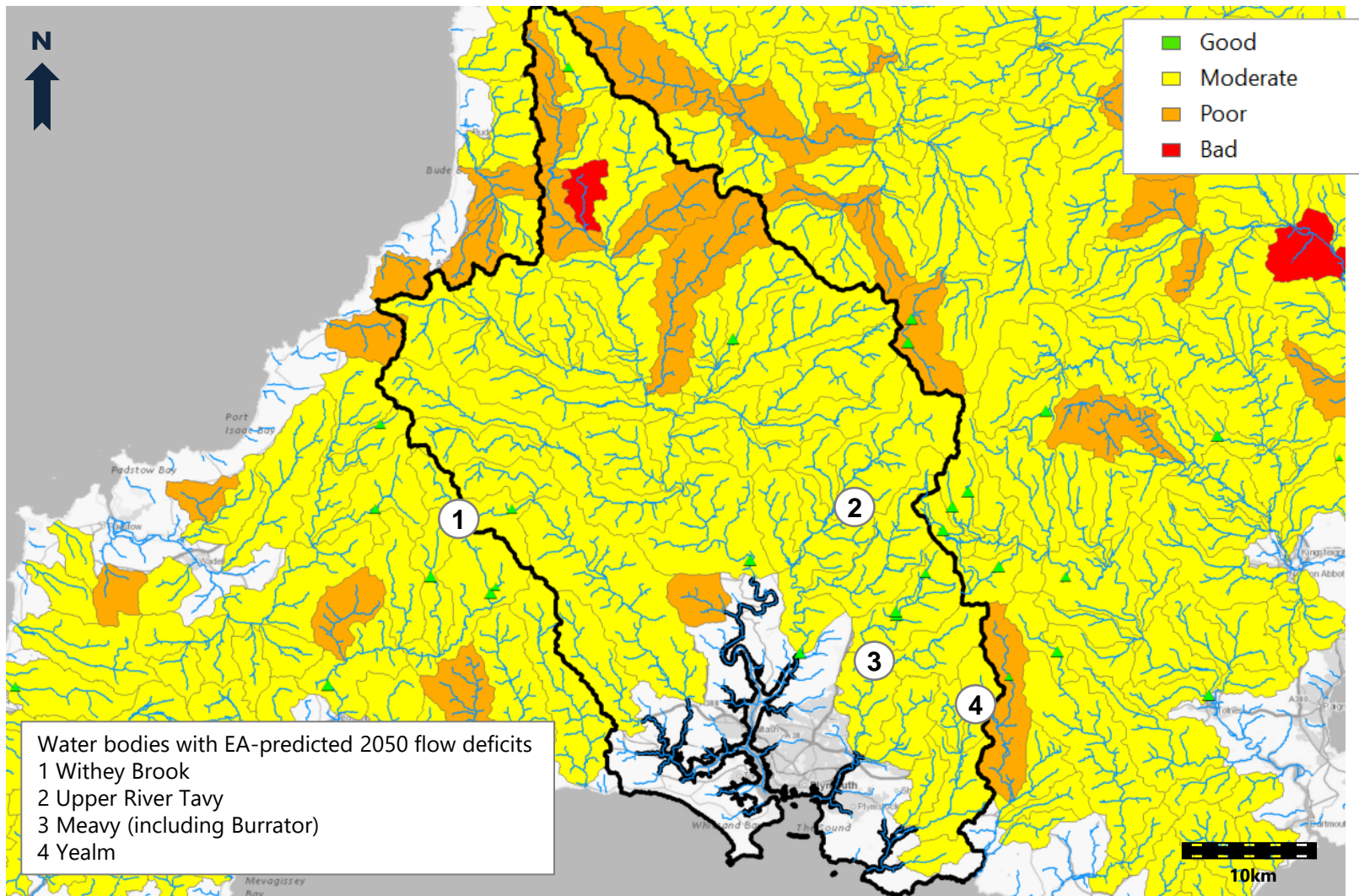
Availability at Q70 (low flows)



Availability at Q95 (very low flows)

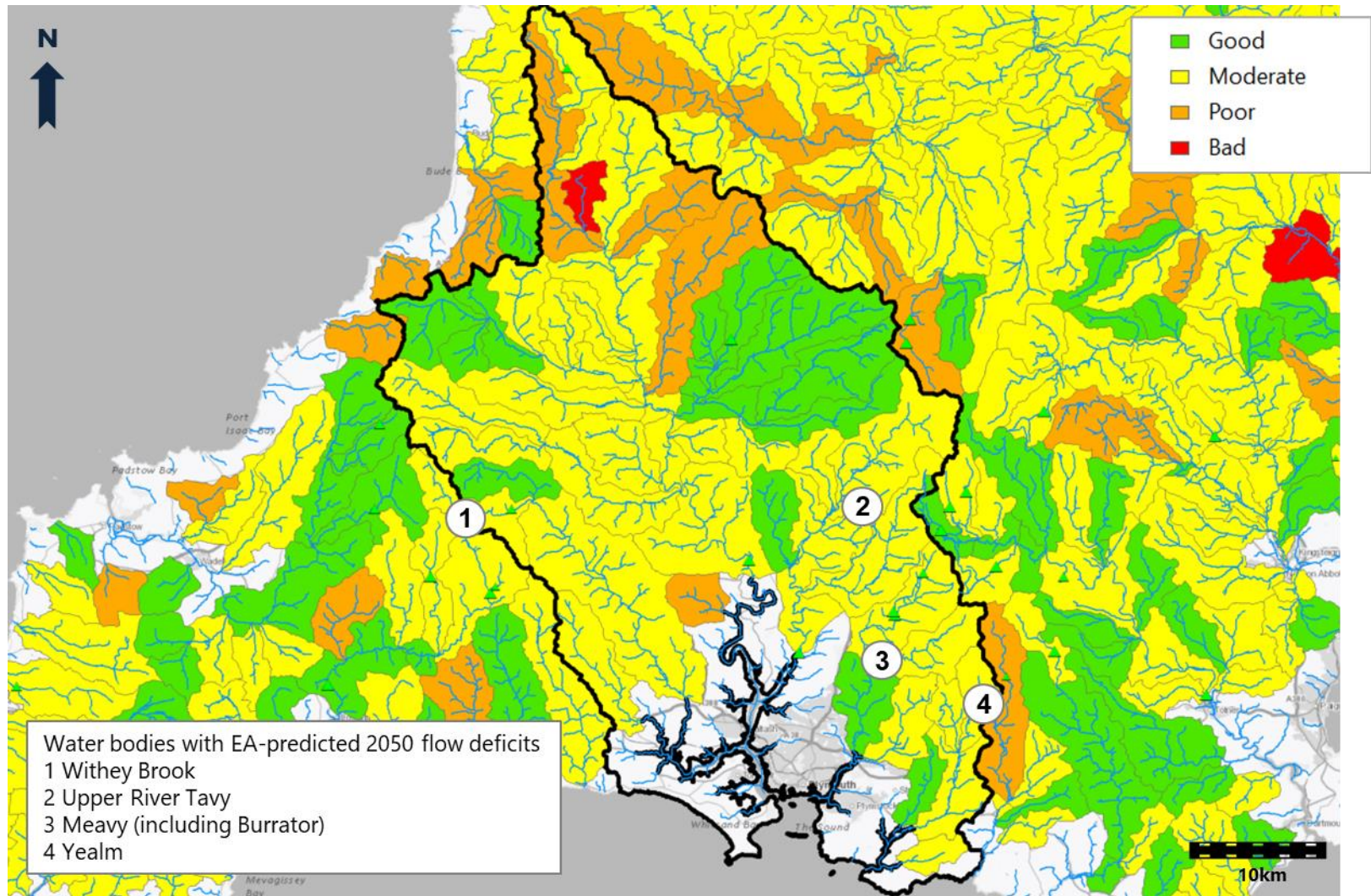
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Figure D2.6 WFD water body overall status (Cycle 2, 2019)



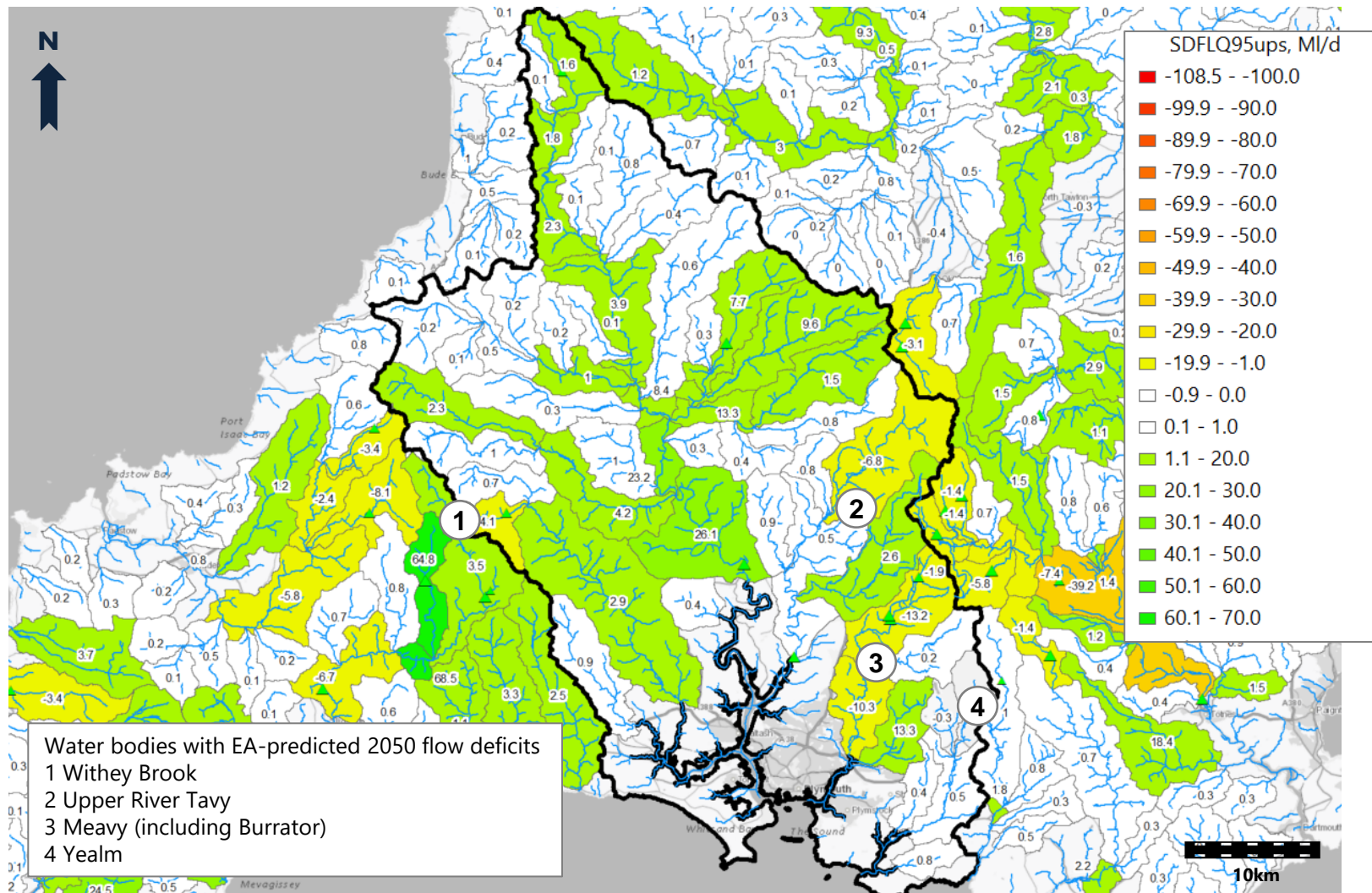
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Figure D2.7 WFD water body ecological status (Cycle 2, 2019)



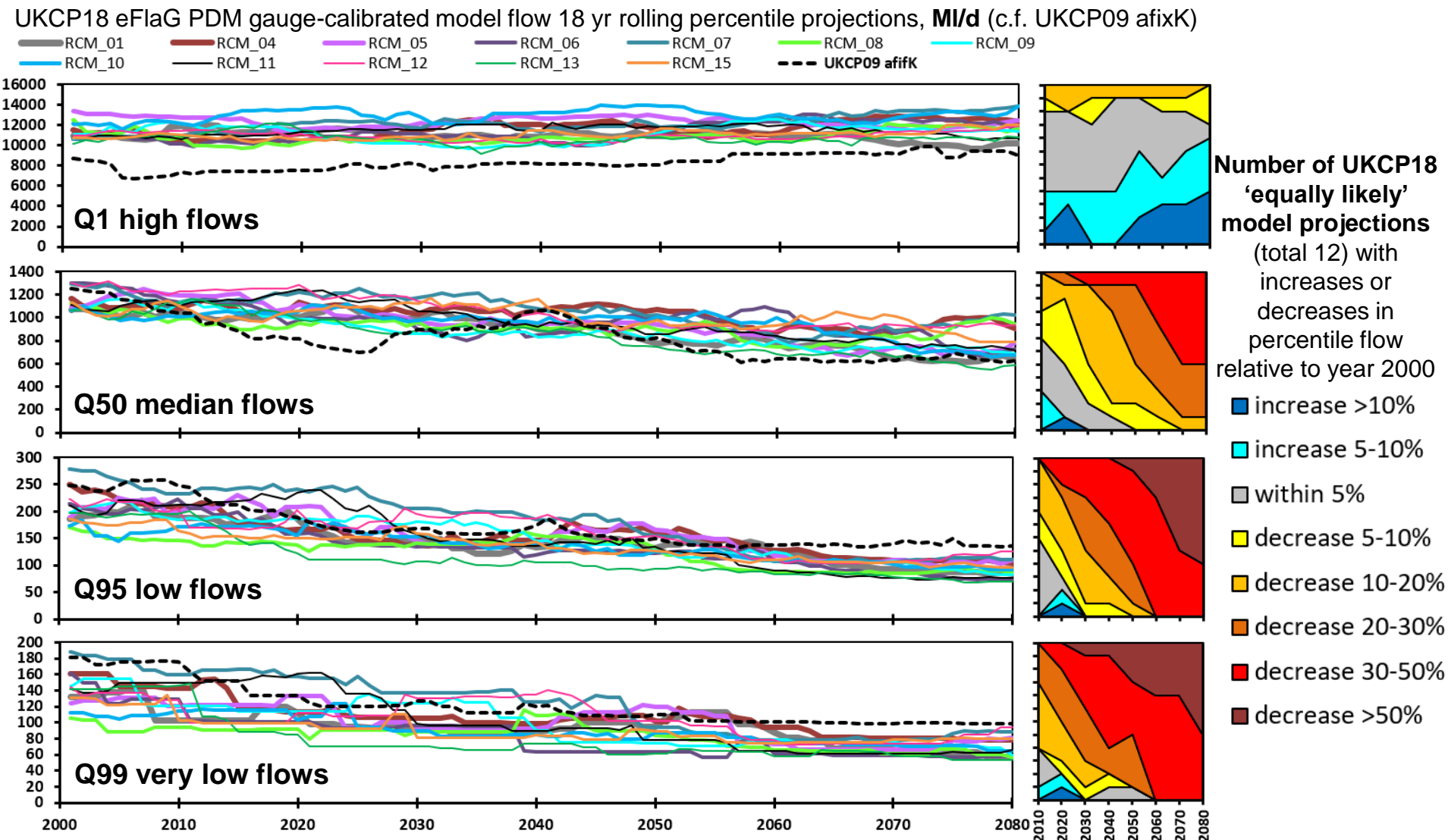
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Figure D3.1 EA predicted fully licensed 2050 flow surpluses and flow deficits (MI/d) for water bodies under Q95 low flow conditions (enhanced scenario)



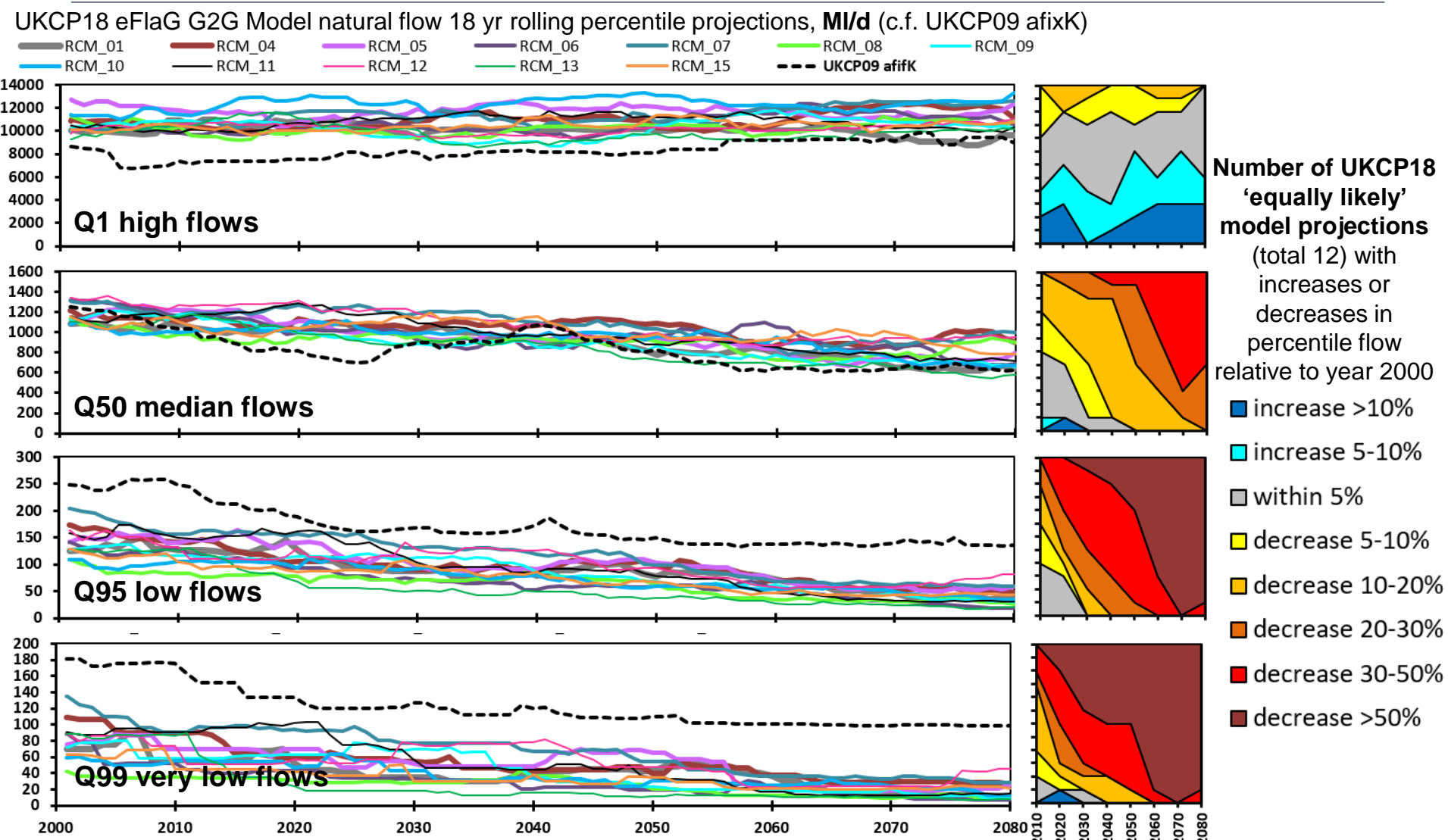
Data from EA's National Framework modelling in 2020

Figure A3.2 Flow changes expected due to climate (Tamar at Gunnislake): Projections from UKCP18 climate & PDM gauge-calibrated river flow models



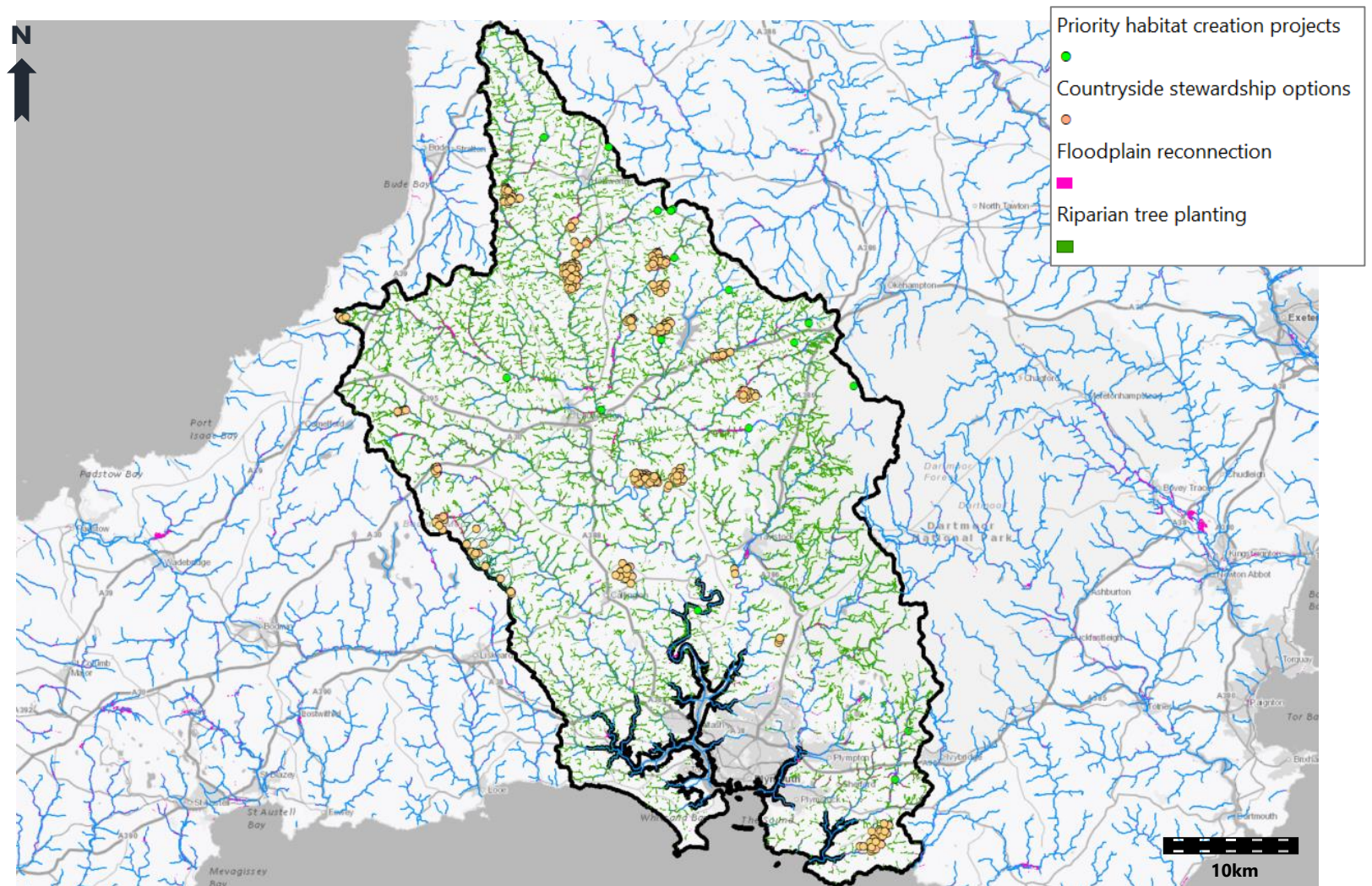
Data source: flows from 12 possible UKCP18 regional climate models (with UKCP09 afixK natural projection for comparison): <https://eidc.ac.uk/>

Figure A3.3 Flow changes expected due to climate (Tamar at Gunnislake): Projections from UKCP18 climate & G2G national natural river flow models



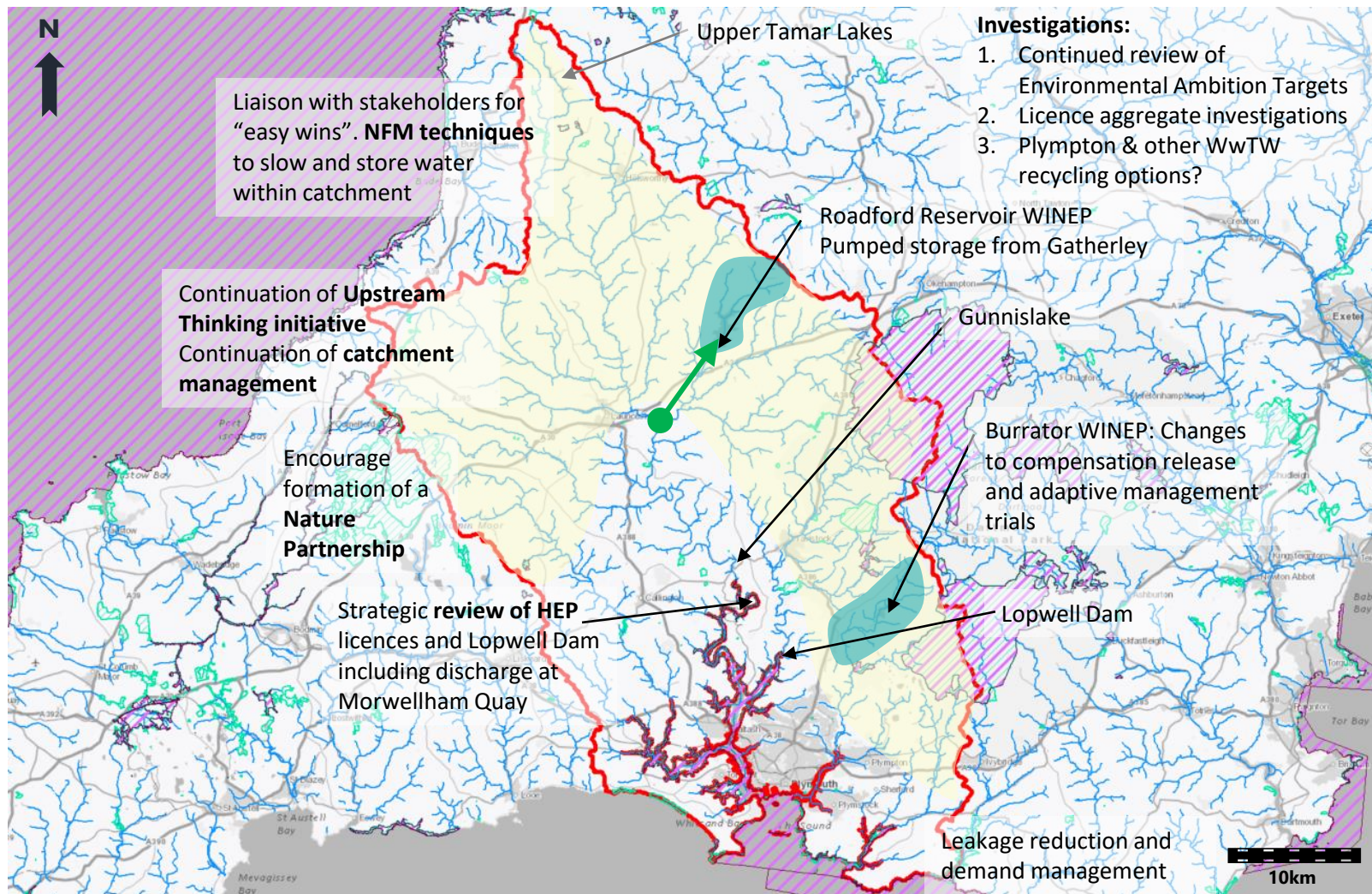
Data source: natural flows from 12 possible UKCP18 regional climate models (with UKCP09 afifK natural projection for comparison): <https://eidc.ac.uk/>

Figure D4.1 Tamar catchment: CaBA opportunity mapping



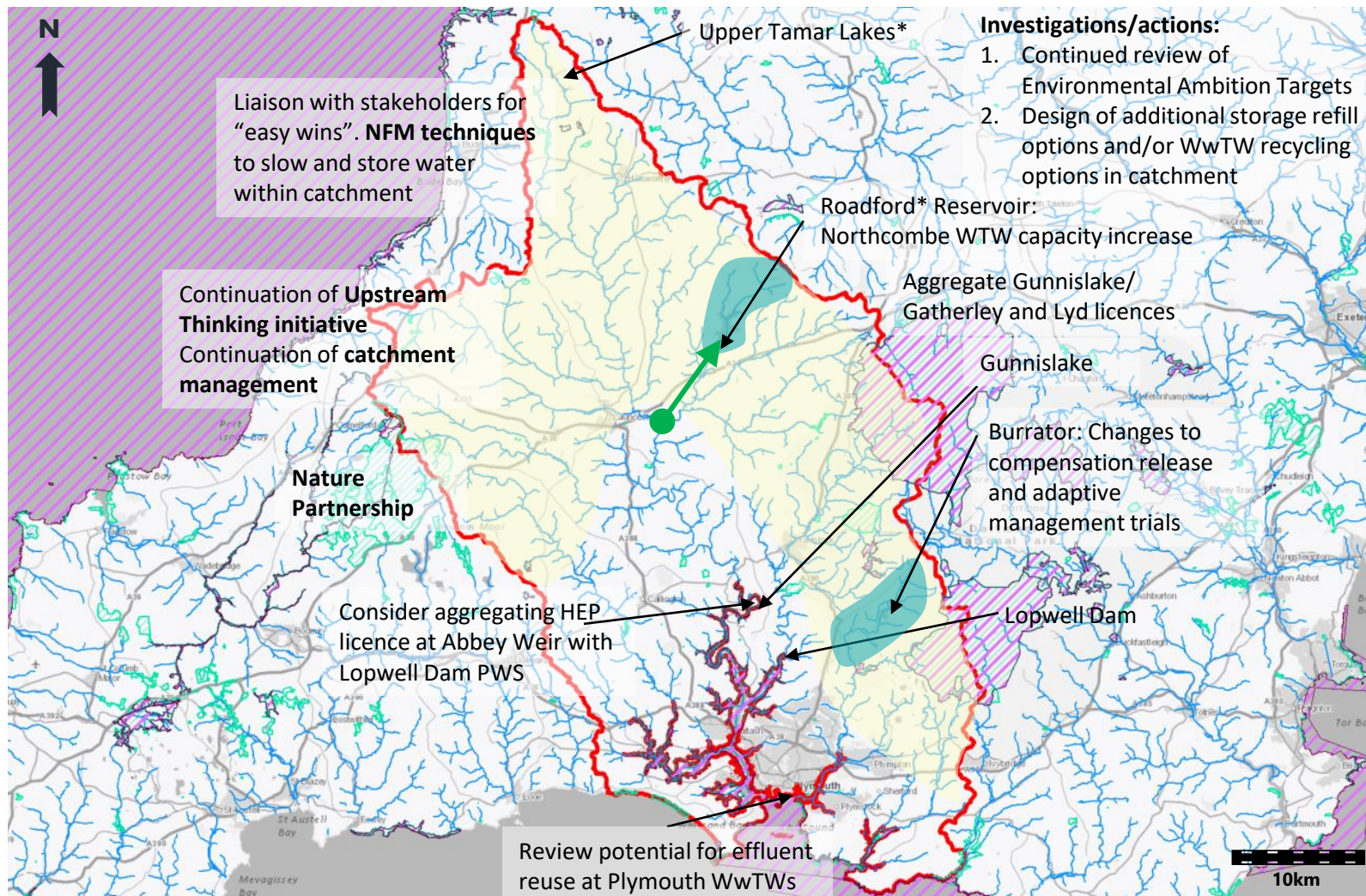
Data downloaded June 2021 from Catchment Based Approach Data Hub website

Figure D4.2 Short term 2030 catchment measures: Tamar



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Figure D4.3 Medium term 2040 catchment measures: Tamar



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