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# PR24

**NORTHUMBRIAN**  
**WATER** *living water*

**ESSEX & SUFFOLK**  
**WATER** *living water*

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# WATER RESOURCES MANAGEMENT PLAN 2024 GLOSSARY

October 2024



**GLOSSARY**

<b>Term / Acronym</b>	<b>Definition</b>
AA	Appropriate Assessment
AAD	Advanced Anaerobic Digestion
ACWG	All Companies Working Group
AMI	Advanced Metering Infrastructure
AMP6	Asset Management Period 6 (April 2015 - March 2020)
AMP7	Asset Management Plan 7 (April 2020 – March 2025)
AMP8	Asset Management Plan 8 (April 2025 – March 2030)
AMR	Automated Meter Reading
ASR	Aquifer Storage and Recharge
APR	Annual Performance Reporting
AZNP	Average Zonal Night Pressure
BAU	Business As Usual
BAU+	Business As Usual Plus. An Environmental Destination scenario.
BGS	British Geological Survey
BH	Borehole
BL	Baseline
BNG	Biodiversity Net Gain
BVP	Best Value Plan
CACI	Leading specialists in location planning- CACI Ltd
CBA	Cost benefit analysis
CC&B	Our customer billing database
CMOS	Central Market Operating System
CSMG	Common Standards Monitoring Guidance
CP	Critical Period
CRT	Canal & Rivers Trust
CSMG	Common Standards Monitoring Guidance
DAPWL	Deepest Advised Pumping Water Level
DEFRA	Department of Environment, Food and Rural Affairs
DI	Distribution Input
DMA/DA	District metering areas / Drainage areas
DMO	Demand Management Option
DMT	Decision Making Tool
DO	Deployable Output
DWI	Drinking Water Inspectorate. DWI has responsibilities under the Water Industry Act 1991 relating to the sufficiency and quality of water supplies.
DWP	Department for Work and Pensions
dWRMP	Draft Water Resources Management Plan
DYAA	Dry Year Annual Average
DYCP	Dry Year Critical Period

EA	Environment Agency. The Environment Agency is a statutory consultee for WRMPs. It leads on producing guidance for water companies to use in compiling their WRMP. It has a statutory duty to secure the proper use of water resources in England. The Environment Agency works with water companies as they prepare WRMPs and provide a representation as part of water companies' WRMP consultation. At the statement of response stage, its role changes and it becomes a technical advisor to the Department for Environment, Food & Rural Affairs (Defra) and the Secretary of State.
EBSD	Economics of balancing supply and demand
ED	Environmental Destination
EFI	Environmental Flow Indicator
EIA	Environmental Impact Assessment
EOETS	Ely Ouse to Essex Transfer Scheme
ESA	Ecosystem Services Assessment
EST	Energy Saving Trust
ESW	Essex & Suffolk Water
FL	Full licence
GHG	Greenhouse Gas
GLA	Greater London Authority
GOGS	Great Ouse Groundwater Scheme
GVA	Gross Value Added
GW	Groundwater
GWDTE	Groundwater Dependent Terrestrial Ecosystems
Habs Regs	Habitats Regulations
HH	Household (Domestic use customers)
HLS	High-level Environmental Screening
HOF	Hands off Flow
HRA	Habitats Regulations Assessment
IEA	Integrated Environmental Assessment
INNS	Invasive Non-Native Species
IPCC	Intergovernmental Panel on Climate Change
IROPI	Imperative Reasons of Overriding Public Interest
l/hd/d	Litres per head per day (litres per person per day)
l/min / l/hr / l/yr	Litre per minute / litre per hour / litre per year
l/p/d	Litres per property per day (litres per premise per day)
LA	Local Authority
LHN/OAHN	Local Housing Need / Output Area Housing Need
LoS	Levels of Service
LPA/DPA	Local Planning Authority / District Planning Authority
LSE	Likely Significant Effects
Max Peak or MP	<p>Maximum Peak abstraction is the maximum volume of water abstracted in any one year during the representative abstraction period. For the Norfolk, Suffolk &amp; Essex EA area the representative period is taken to be calendar years 2005-2015 (Iain Page pers comm. March 2022).</p> <p>The definition of Max Peak (Operational) was updated in July 2022, so that the capped licence would receive conditions of:</p>

	a six-year rolling annual average of 6 x the annual RA quantity to keep average use to the RAA over a 6-year period (Iain Page pers comm. July 2022). Licences capped to Max Peak (Original) allow some growth of abstraction towards the new Max Peak level.
MCA	Multi Criteria Analysis
MDMS	Meter Data Management System
MHCLG	Ministry for Housing, Communities and Local Government's
MI/d	Megalitres per day
MI/yr	Megalitres per year
MLE	Maximum likelihood estimation
MOSL	Market Operator Service Ltd
MUR	Meter under- registration
NAVs	New Appointments and Variations
NC	Natural Capita
NCA	Natural Capita Assessments
NE	Natural England
NEP	National Environment Programme
NERC	Natural Environment and Rural Communities
NHH	Non-Household (Business customers who primary use of water is non-domestic)
NPP	National Population projections
NPV	Net Present Value
NSERV/SERV1/SERV2	Non-service non-household industries / Service industry group 1 / Service industry group 2
NSIP	Nationally Significant Infrastructure Project
NW	Northumbrian Water
NWG	Northumbrian Water Group
NWL	Northumbrian Water Limited
NYAA/ DYAA/ DYCP	Normal Year Annual Average / Dry Year Annual Average / Dry Year Critical Period
OBR	Office for Budget Responsibility
ODI	Outcome Delivery Incentive
Ofwat	Ofwat is the economic regulator of the water industry. It is a statutory consultee for WRMPs, has been key stakeholder during the development of our plan and will provide a representation as part of our consultation. Our WRMP will primarily inform the supply demand balance part of our business plans which we will submit to Ofwat. Ofwat determines the extent to, and conditions under which, we can recover the costs of investment through our charges to customers.
OPI	Overriding Public Interest
ONS	Office for National Statistics
p.a.	Per annum (per year)
PC	Performance Commitment
PCC	Per capita consumption
PET	Potential evapotranspiration
PHC	Per household consumption
Planning Horizon	Refers to the forecasted years from 2024/25 until 2079/80.
PRV	Pressure Reducing Valve
PR19	Price Review 2019 – Business Plan 2020-2025

PR24	Price Review 2024 - Business Plan 2025-2030
PR29	Price Review 2029 – Business Plan 2030-2035
Price Review or PR	<p>Ofwat is the economic regulator of the water industry and every five years it sets the investment and service package that customers receive including the price water companies charge their customers. Ofwat carry out a review of these price limits known as a Price Review every five years. The current Price Review will be completed in 2024 and so is known as PR24 and will set customer bills for the period 2025 to 2030.</p> <p>As part of the Price review process, water companies submit a business plan which sets out the investment and outcomes for customers and the environment that they are required to deliver and how this would impact customer bills. The Business Plan will include the investment needed to deliver the WRMP24 Best Value Plan.</p>
PWPC	Peak Week Production Capacity
RAA	<p>Recent Actual Average abstraction. Defined by the EA as the total volume of water abstracted during the representative recent actual (RA) period divided by the number of years in that period. Defined in 'Water resources planning guideline supplementary guidance – actions required to prevent deterioration' (April 2022). For the Norfolk, Suffolk &amp; Essex EA area the representative period is taken to be calendar years 2010-2015 (Iain Page pers comm. March 2022). This definition was updated in July 2022, so that the capped licence would receive conditions of:</p> <p>A 6-year rolling annual average of 6 x the annual RA quantity to keep average use to the RAA over a 6-year period;</p> <p>An annual peak set as the max annual actual peak used within the RA period (2010-15) (Iain Page pers comm. July 2022)</p>
RAPID	<p>Regulators' Alliance for Progressing Infrastructure Development (RAPID) RAPID will help accelerate the development of new strategic water infrastructure and inform future regulatory frameworks. It is made up of the 3 water regulators in England: Ofwat, Environment Agency and DWI. It also works closely with Welsh Government and Natural Resources Wales. Find further information on RAPID's website. Some water companies received additional funding to investigate and develop strategic regional water resource options in the 2019 price review (PR19) final determination. These companies should account for progress made on these options through a gated process. RAPID will then make recommendations on the solutions and Ofwat will make decisions on funding. You must present the need for these schemes, their timings, and the justification for your decisions in your regional plan and WRMP.</p>
RBMP	River Basin Management Plan
RCM	Regional Climate Model
RCP	Representative Concentration Pathway
RCP8.5, RCP6, RCP2.6	Representative Concentration Pathway 8.5 (a high emissions scenario), Representative Concentration Pathway 6 (a medium emissions scenario), Representative Concentration Pathway 2.6 (a low emissions scenario)
rdWRMP24	Revised draft Water Resources Management Plan 2024
RoC	Review of Consents
RWPS	Raw Water Pump Station
SAC	Special Area of Conservation
SAG	Stakeholder Advisory Group
SAGS	Stour Augmentation Groundwater Scheme
SAM	Small Area Monitor (unmeasured consumption monitor in NW)
SEA	Strategic Environmental Assessment
SELL	Sustainable Economic Level of Leakage
SEPA	Scottish Environment Protection Agency
SIC	Standard Industry Classification

SNPP	Sub-National Population Projection
SPA	Special Protection Area
SPL	Supply Pipe Leakage
SR	Sustainability Reductions
SRO	Strategic Resource Option
SSSI	Site of Special Scientific Interest
SWU	Study of Water Use (individual unmeasured consumption monitor in ESW)
THR	Target Headroom
ToLS	Test of Likely Significance
TTT	Tyne Tees Transfer
TWU	Thames Water Utilities
UARL	Unavoidable Annual Real Losses
UKCP09	UK Climate Projections 2009
UKCP18	UK Climate Projections 2018
UKWIR	UK Water Industry Research
UPO	Unplanned Outage
Void households	Empty (unoccupied) households
WAFU	Water Available for Use
WAGS	Waveney Augmentation Groundwater Scheme
WAM	Whole Area Metering
WB	Water Body
WC	Water Closet (Toilet)
WFD	Water Framework Directive
WFH	Working from home
WG	Welsh Government
Water Industry National Environment Programme (WINEP)	A programme of actions (Investigations, options appraisal and implementation schemes) water companies are required to take to meet the environmental legislative requirements that apply to water companies in England.
WRc	Water Research Commission
WRE	Water Resources East regional group
WReN	Water Resources North regional group
WRMP19	Water Resources Management Plan 2019
WRMP24	Water Resources Management Plan 2024
WRNF	Water Resources National Framework
WRPG	Water Resources Planning Guideline
WRSE	Water Resources South East regional group
WRZ	Water Resource Zone
WTW	Water Treatment Works