



Havant Thicket Reservoir

Meeting starting soon

Please put your mic on mute



Using MS Teams



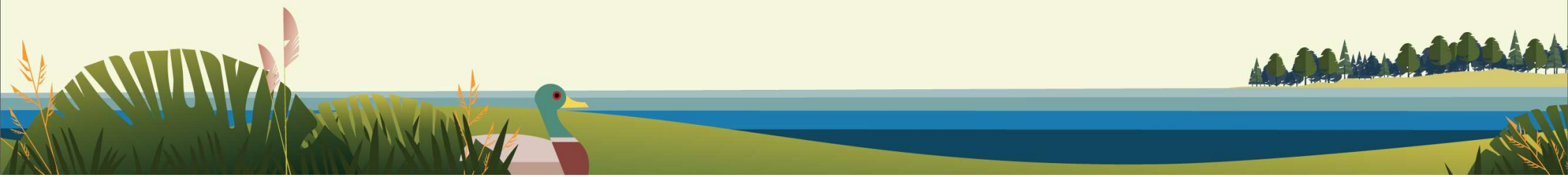
00:25

Video on/off

Mute on/off

Raise your hand to speak

Use chat to ask a question

A screenshot of the Microsoft Teams meeting control bar. It is a dark grey horizontal bar with several icons. From left to right: a timer showing "00:25", a video camera icon with a diagonal slash (video on/off), a microphone icon with a diagonal slash (mute on/off), a hand-raising icon, a three-dot menu icon, a hand icon (raise hand to speak), a chat bubble icon (use chat to ask a question), a group of people icon, and a red telephone handset icon (end call).

Today's update

- **Welcome and introductions**
- **Update on scheme progress / next steps**
- **Breakout session 1**
- **BREAK AT CIRCA 12.25pm**
- **Update on reservoir site preparation**
- **Breakout session 2**
- **Final Q&A**
- **Meeting close circa 1.30pm.**



Stakeholder groups

- **Strategic Advisory Group & Community Advisory Group will each meet at least three times a year**
- **Scope to meet more frequently as required / agreed**
- **Each group will also be kept updated on discussions at the other.**



Community Advisory Group



Key roles:

- **Support highly effective community engagement and participation for the reservoir and related schemes**
- **Provide clear channels of communication for local communities during design and construction of the reservoir, in particular, visitor's centre and wetland area.**
- **Ensure opportunities around education and skills development and local job creation are maximised.**



Community Advisory Group



- **Local ward councillors - county, borough, district and parish**
- **Community groups (e.g. Friends of Staunton Country Park, local representatives from Ramblers Association, Cycling UK, British Horse Society and others)**
- **Havant Borough Council / East Hants District Council community officers**
- **Hampshire County Council (Staunton Country Park team)**
- **Forestry England (local team)**
- **Local police and fire representatives**
- **Local schools**
- **Local environmental groups (e.g. Horndean Protection Group)**
- **Other local groups (e.g. Havant CAB, Park Families).**



Strategic Advisory Group



Key roles:

- **Strategic oversight, with a focus on ‘principles, processes and performance’**
- **Support timely progression of reservoir and related schemes, including strategic planning decisions, delivery of planning conditions and regulatory milestones**
- **Focus on environmental impacts and benefits of reservoir – helping shape, support and scrutinise delivery of the project’s environmental mitigation and compensation strategy.**



Strategic Advisory Group



- **Environment Agency / Natural England / Drinking Water Inspectorate / Consumer Council for Water**
- **Chair of Portsmouth Water Customer Challenge Group**
- **Southern Water**
- **Havant Borough Council / East Hants District Council Planning Team & Havant Borough Regeneration Team**
- **South Downs National Park Authority**
- **Hampshire County Council (Countryside Service)**
- **Forestry Commission / Forestry England**
- **Hampshire and Isle of Wight Wildlife Trust**
- **RSPB / Hampshire Ornithological Society / Hampshire Bat Group**
- **Portsmouth City Council (Strat. Development team)**



Portsmouth Water Limited
Havant Thicket Reservoir
Project Update – June / July 2021

Delivering excellence for our customers, our people and our environment



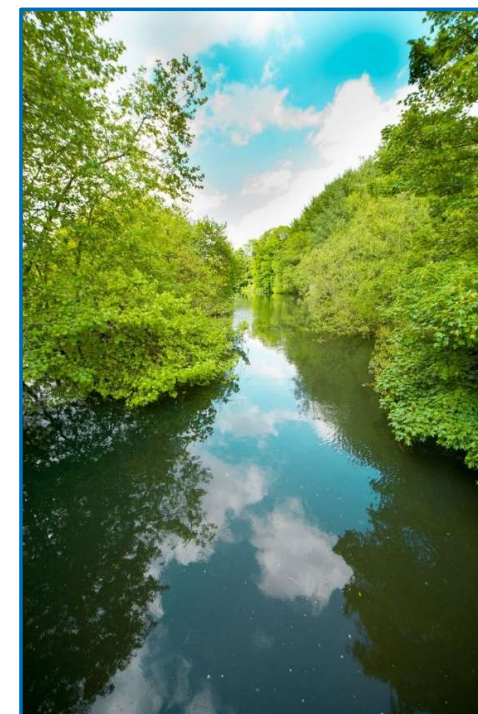
Havant Thicket Reservoir

1. Scheme overview
2. Project update
3. Next Steps.



The South East region as a whole is under 'serious water stress'

- More water is needed to address population growth, new homes / development and climate change
- Havant Thicket reservoir will be filled during the winter by water from underground springs, which normally flows out to sea
- It will be used to supply Portsmouth Water's customers in and around Havant
- This will enable the transfer of more water from other sources to Southern Water to help supply its customers in other parts of Hampshire
- In Hampshire, Southern Water required to take less water from its abstractions on the Rivers Test and Itchen.



Scheme overview

Havant Thicket Reservoir

Main Reservoir Works (MRW+)

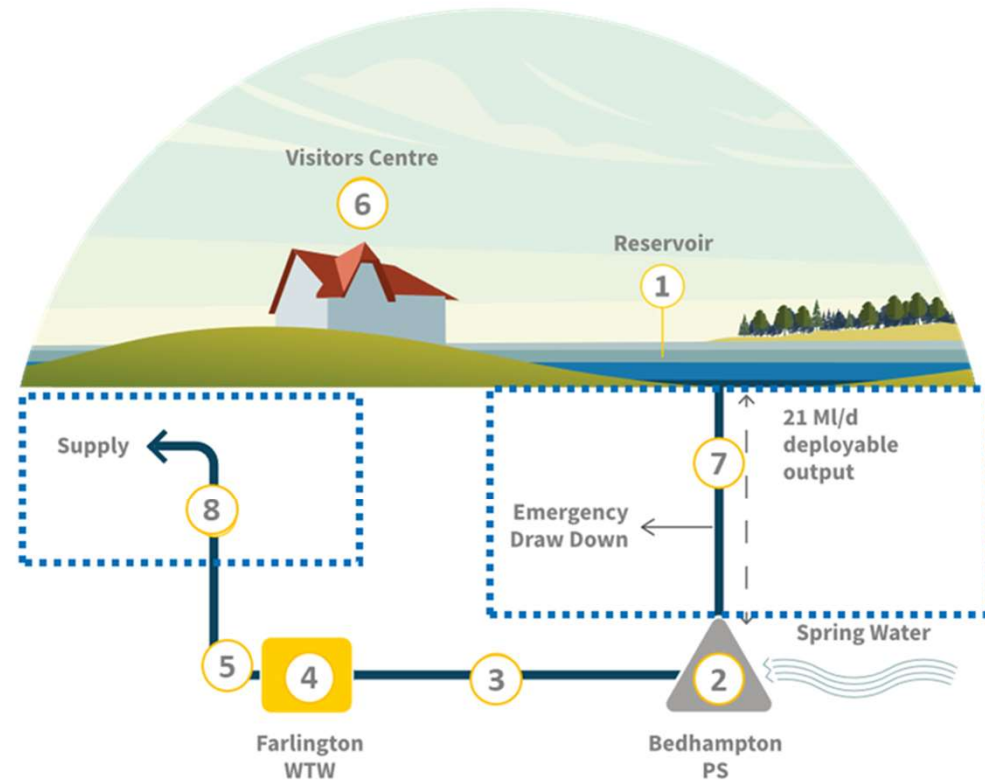
- 1 **Reservoir**
 - 3km embankment
 - 22m high embankment
 - 8700 MI storage
- 2 **Bedhampton Pumps**
 - Reconfigure pumps
- 4 **Treatment (DAF) process at Farlington WTW**
 - 25 MI/d DAF treatment
- 5 **Network Enhancement**
 - 24 MI/d pumping station
- 6 **Optional within MRW+**
 - Visitors' Centre

Main Pipeline Works (MPW)

- 7 **Pipeline (Bedhampton to HTR)**
 - 4.5km pipeline
 - Rail crossing
 - Emergency Drawdown

Pipeline Resilience

- 8 **Pipeline (Farlington to Nelson)**
 - 8km main from Farlington to Nelson Reservoir
 - Upgrade to existing piping network



3 Existing pipeline

Social & Community Benefits

Havant Thicket Reservoir

Local social & economic benefit

- Public realm with open public areas including wetland
- Education opportunities
- Visitor Centre, playground
- Construction employment
- Apprenticeships
- Community and Engagement Plan – community input



Taking it to the next level

- Collaboration with charities including mental well being
- Collaboration with Staunton Country Park, Forestry England, PCC
- STEM, Teen Tech
- Water safety awareness training – local community schools, colleges

The environment and Havant Thicket Reservoir

- The nature of the site will change, but we want to **work with communities to create as many benefits as possible**
- **We have developed an extensive environmental mitigation and compensation package, working with Natural England, Hampshire County Council's Ecology team, the Forestry Commission and the Environment Agency**
- They support this package, which includes **creating or restoring around 200 hectares of woodland and grassland:**
 - 52 hectares of restoration at Havant Thicket
 - 80 hectares of woodland and wood pasture creation (Location tbc)
 - 72 hectares woodland of enhancement in Southleigh Forest.



The environment and Havant Thicket Reservoir

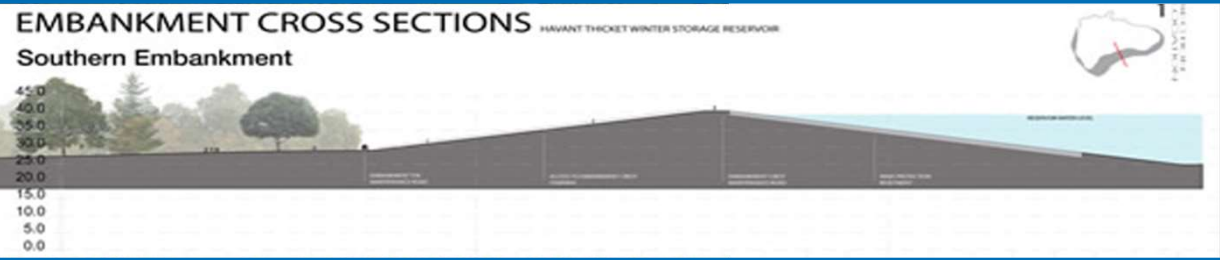
- **Extensive mitigation programme** to relocate existing wildlife and create more attractive habitats, on site and nearby, for variety of species to move to naturally – **good environmental practice is an absolute priority**
- **New wetland will be a unique opportunity to create habitat for birds**, plus creating habitats in other woodland to improve biodiversity
- We've been monitoring the site and surrounding areas since 2005 and **have a detailed awareness of the wildlife on site and how to relocate species / encourage them to move to new habitats we're creating.**
- The site would provide **access for leisure, recreation to support good mental health and physical wellbeing** – paths for walking, cycling and horse-riding, bird hides, community and education activities at the visitor centre, playground, picnic area – **an accessible and attractive place for families and residents**
- **We plan to create volunteering / job opportunities and apprenticeships**, with great potential to support local schools and colleges in wide range of education and outdoor activities.

Building Havant Thicket Reservoir



Key

-  Reservoir
-  Embankment
-  Woodland Loss

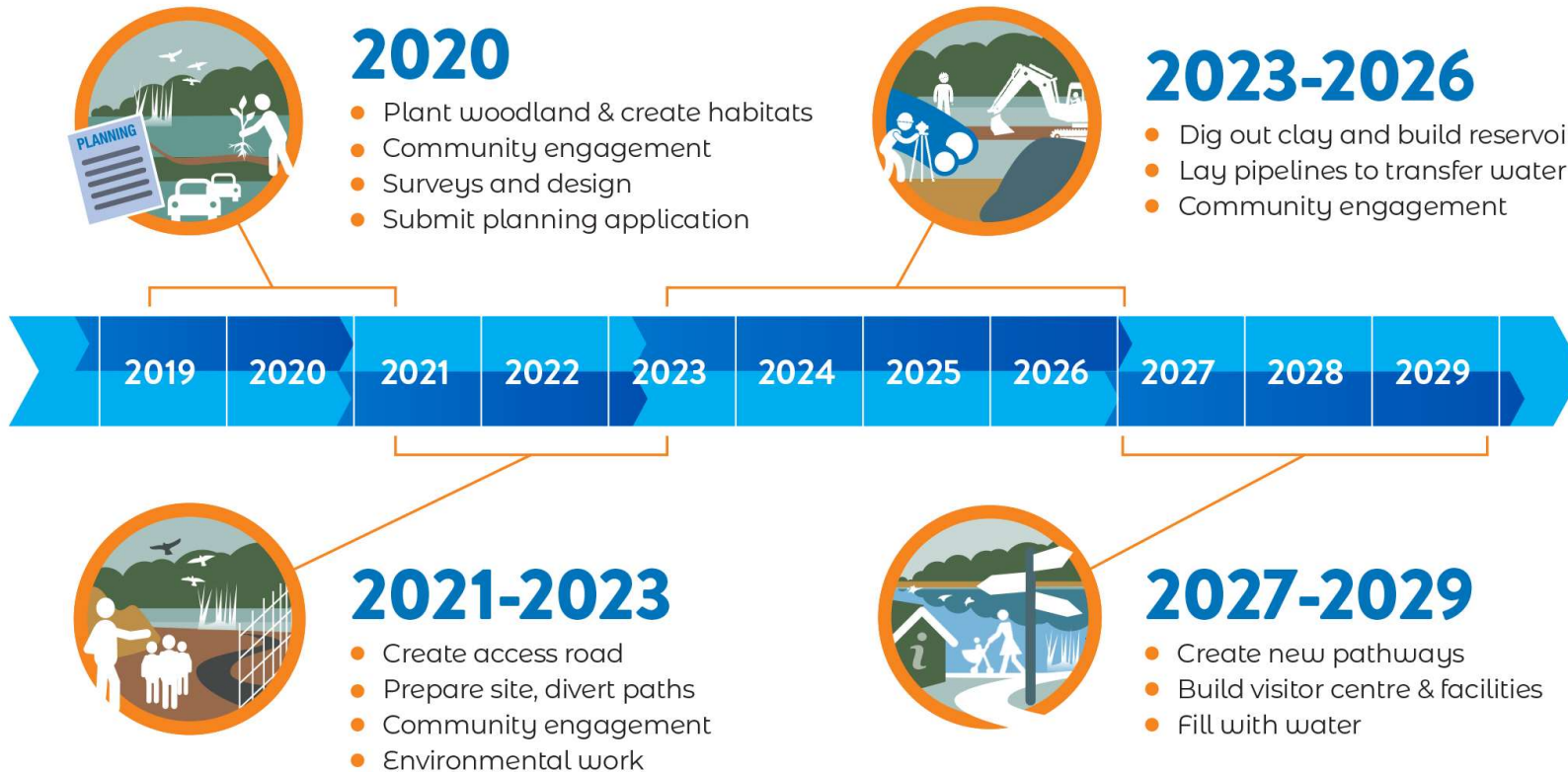


Pipeline for Havant Thicket Reservoir

- **4.5km inlet / outlet pipeline** between Bedhampton Springs and the reservoir
- **70cm / 1.2 metre diameter pipe** including emergency drawdown structures
- **Mainly open cut construction method**
- **Some sections will be tunneled**, using 'pipe jacking', such as under **railway line at Bedhampton**
- **Route minimises impact** on community, open spaces and environmentally-sensitive areas
- **Development of detailed installation plan** to come
- **Commitment to extensive liaison with community** to shape plan and ensure safe and smooth delivery of pipeline.

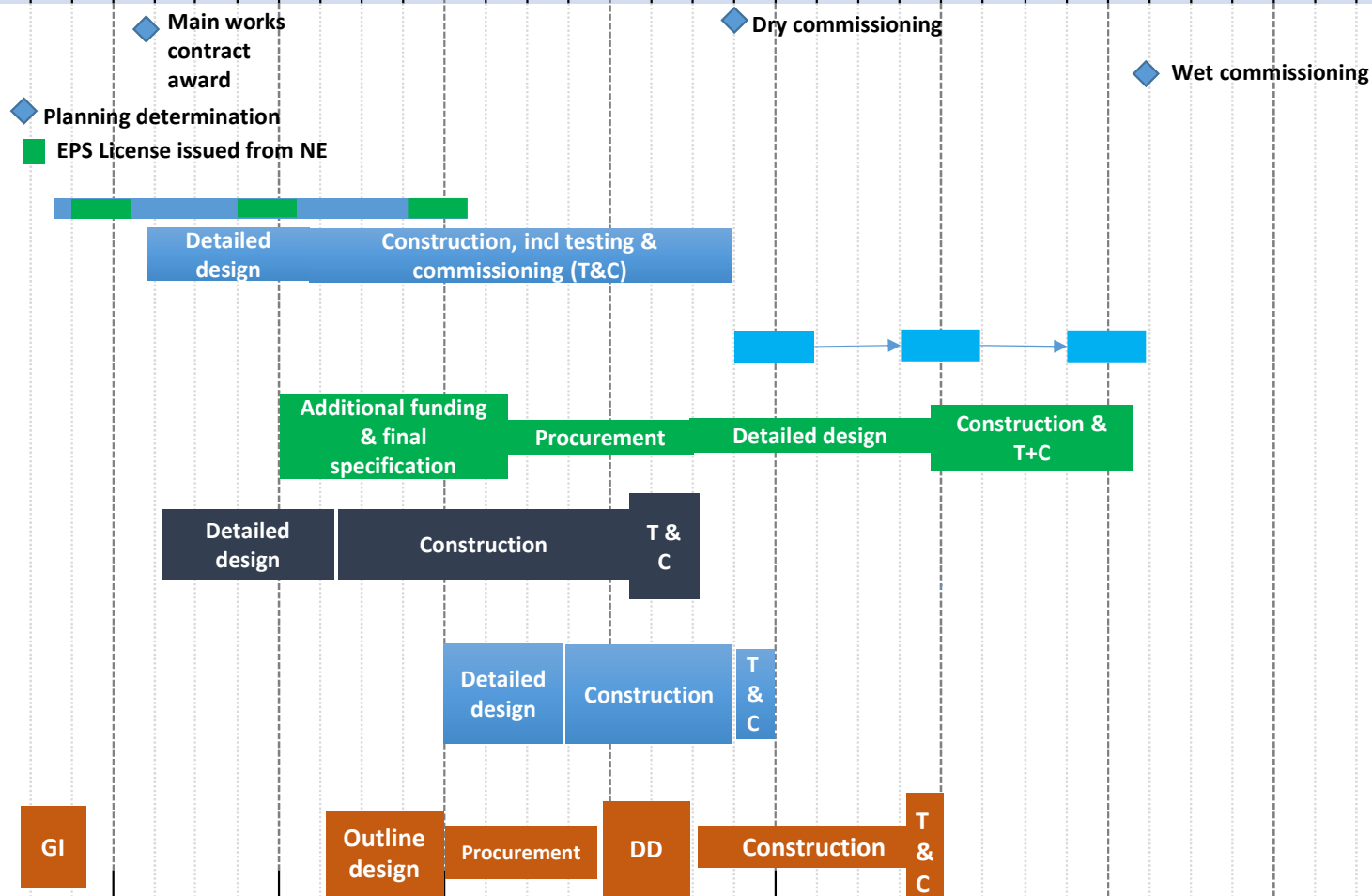
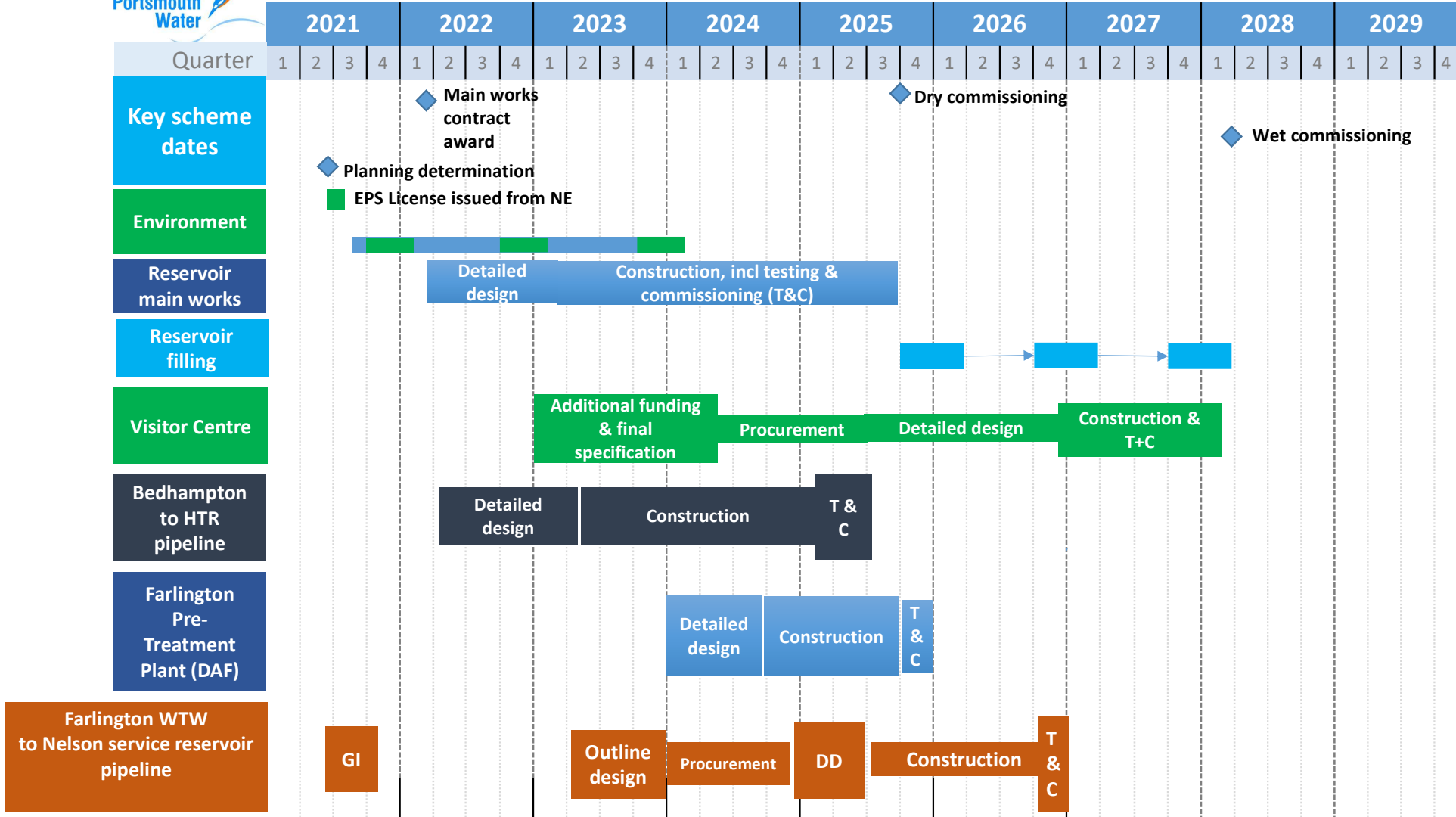


Overall timetable for Havant Thicket Reservoir





Havant Thicket Reservoir – High-level project programme



Key progress and next steps on Havant Thicket Reservoir

Planning:

- **3 June 2021 - Havant Borough Council Planning Committee resolved to grant permission for reservoir and pipeline applications**
- **9 June 2021 - East Hampshire Borough Council Planning Committee resolved to grant permission for reservoir**
- **Legal agreements (including Section 106) now being finalised, ahead of final planning permission being granted this summer**

Environmental work:

- **European Protected Species Licences (EPSLs) under preparation, in consultation with Natural England**
- **Preparation for wildlife relocation has started (e.g. installation of nest boxes for dormice)**
- **Getting ready for initial site preparation in Autumn 2021 (Site preparation activity to be covered in more detail later in session)**

Procurement:

- **Shortlist of four potential contractors for construction of reservoir and pipeline announced in May 2021**
- **Shortlist to be reduced to two contractors in September 2021**
- **Contracts due to be awarded in March 2022.**

Breakout session 1



- **1. Please identify topics you would like covered / addressed at future meetings (10 mins)**
- **2. Your thoughts on the format of meetings (e.g. online or face to face) (5 mins)**
- **3. Please suggest how to best update and communicate with stakeholders / communities on the project's next steps (10 mins)**





BREAK



- **In Autumn / Winter 2021, site clearance and woodland restoration works will get underway on the reservoir site**
- **We have been carrying out ecological surveys of the site since 2005 – giving us a clear understanding of local wildlife / biodiversity**
- **This has allowed our team of ecological experts, in close liaison with Natural England, to develop a plan for the safe relocation of the species on the site - such as dormice, bats, reptiles, birds macro-invertebrates (aquatic species) and macrophytes (aquatic plants)**
- **All works will be closely supervised by an experienced team of ecologists – and all activity will be led by their instruction / approval.**

Site preparation for
Havant Thicket Reservoir



Site preparation for
Havant Thicket Reservoir



Environmental enhancements

- **Havant Thicket, Staunton Country Park and Southleigh Forest woodland (including ponds/streams) will be enhanced to increase available habitats for all translocated species / wildlife**
- **Bat and dormice boxes will be installed, with winter hibernation habitats and meadows created for reptiles**
- **Ponds will be enhanced to maximise their potential for macrophytes (aquatic plants) and macro-invertebrates**
- **European Protected Species Licences (EPSLs) will be required for dormice and bats**

Access

- **The existing bridleway through the reservoir site will remain open and will not be diverted during the site clearance work**
- **People using it will be supervised while site clearance activity is ongoing, to ensure safe access.**
- **The path in the Avenue will be closed, as it will not be safe to keep this open.**

Breakout session 2



Please discuss the proposed site preparation plan and make suggestions / provide advice to help shape the project team's approach

- 1. Does the site preparation plan cover all the key issues? If not, what else would you like to see addressed? (10 mins)**
- 2. How do you think local communities and stakeholders should be updated on the site preparation plan and how it is progressing? (10 mins)**

