

March 2023

**Strategic regional water  
resource solutions:  
standard gate two draft decision  
for Anglian to Affinity Transfer**

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# 1. Introduction

The purpose of this publication is to set out our draft decision about whether the Anglian to Affinity Transfer (A2AT)<sup>1</sup> solution should continue to receive development funding<sup>2</sup>. The solution owners Anglian Water and Affinity Water submitted their standard gate two reports on 14 November 2022 for assessment. Further information concerning the background and context of the Anglian Water and Affinity Water Anglian to Affinity Transfer can be found in the Anglian to Affinity Water publication document on the Affinity Water website<sup>3</sup>.

This publication should be read in conjunction with the draft decision letter issued to each solution owner. Both this document and draft decision letters have been published on our website.

The assessment process is overseen by RAPID, with input from the partner regulators Ofwat, the Environment Agency and the Drinking Water Inspectorate. The Environment Agency together with Natural England, have reviewed the environmental sections of the submissions, and provided feedback to RAPID. The Consumer Council for Water provided input to the assessment on customer engagement.

The solution owners and other interested parties can now respond to the draft decision. Representations are invited by email to [rapid@ofwat.gov.uk](mailto:rapid@ofwat.gov.uk) and the representation period will close at 6pm on 11 May 2023. All representations will be considered before our final decision is published at 10am on 28 June 2023.

We will publish representations on our website at [www.ofwat.gov.uk/regulated-companies/rapid](http://www.ofwat.gov.uk/regulated-companies/rapid), unless you indicate that you would like your representation to remain unpublished. We will also share representations with our partner regulators, Ofwat, the Environment Agency and the Drinking Water Inspectorate and with Natural England. Subject to the following exceptions, by providing a representation to this consultation you are deemed to consent to its publication.

If you think that any of the information in your response should not be disclosed (for example, because you consider it to be commercially sensitive), an automatic or generalised confidentiality disclaimer will not, of itself, be regarded as sufficient. You should identify specific information and explain in each case why it should not be disclosed (and provide a redacted version of your response), which we will consider when deciding what information to publish. As minimum, we would expect to publish the name of all organisations that provide a written response, even where there are legitimate reasons why the contents of those written responses remain confidential.

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<sup>1</sup> Referred to in PR19 final determination as “Anglian Water – Affinity Water transfer”

<sup>2</sup> [PR19 final determinations: Strategic regional water resource solutions appendix](#)

<sup>3</sup> [Anglian to Affinity Transfer](#)

In relation to personal data, you have the right to object to our publication of the personal information that you disclose to us in submitting your response (for example, your name or contact details). If you do not want us to publish specific personal information that would enable you to be identified, our [privacy policy](#) explains the basis on which you can object to its processing and provides further information on how we process personal data.

In addition to our ability to disclose information pursuant to the Water Industry Act 1991, information provided in response to this consultation document, including personal data, may be published or disclosed in accordance with legislation on access to information – primarily the Freedom of Information Act 2000 (FoIA), the Environmental Information Regulations 2004 (EIR) and applicable data protection laws.

Please be aware that, under the FoIA and the EIR, there are statutory Codes of Practice which deal, among other things, with obligations of confidence. If we receive a request for disclosure of information which you have asked us not to disclose, we will take full account of your explanation, but we cannot give an assurance that we can maintain confidentiality in all circumstances.

We would like to thank Anglian Water and Affinity Water for the level of engagement, collaboration and innovation that they have exhibited during this stage in the gated process.

## 2. Solution Summary

### 2.1 Solution summary

The full Anglian to Affinity Transfer (A2AT) involves a treated water piped transfer from Anglian Water's network north of Peterborough to the Affinity Water supply area. The four feasible options presented at gate one were further assessed by the solution owners and a preferred option selected for which gate two activities were undertaken. The preferred option, the South Lincolnshire Reservoir (SLR) to Stort Water Resource Zone (WRZ 5) transfer, has been developed for the gate two concept design with two equally feasible routes; the Western route and the Eastern route:

- Eastern route from Anglian Water's service reservoir to WRZ5.
- Western route from Anglian Water's service reservoir to WRZ5 via Grafham Water.

Both routes involve a transfer starting at Anglian Water's service reservoir near Peterborough. The transfer final delivery point for both routes is a service reservoir in Affinity Water's WRZ5. A capacity of 50 megalitres per day (Ml/d) and 100 Ml/d has been assessed for both the Eastern and Western route.

A 150 Ml/d capacity sub-option for the Peterborough to Grafham Water transfer (Northern section) was also presented by the solution owners at gate two to offer greater flexibility in the future development of the transfer and increase resilience within Anglian Water's network. This route has also been considered in the concept design development for gate two.

**Figure 1. Anglian to Affinity Transfer Solution Schematic**

## 2.2 Solution update

The solution was not selected as a preferred or alternative option in the regional modelling carried out by Water Resources East (WRE) and Water Resources South East (WRSE) for their respective regional plans. The scheme was therefore not selected in Affinity Water's draft Water Resources Management Plan (WRMP), and Affinity Water and Anglian Water propose that no further work is undertaken on this scheme in its current form after gate two. The solution owners recommend that this solution potentially represents a back-up option in the future, but it is currently not being selected as an alternative option in Affinity Water's WRMP or the WRE or WRSE regional plans.

Anglian Water have identified that the Peterborough to Grafham transfer element of the solution, comprising of the Northern section of the Western route, offers options for Anglian Water to serve customers in Ruthamford from SLR and increase resilience. A 150 Ml/d transfer has been assessed and Anglian Water recommended that a transfer from Peterborough to Grafham is taken forward for further investigation as part of the SLR solution, with further work required at gate three in line with Anglian Water's WRMP to determine the required capacity. The Peterborough to Grafham transfer element is included in Anglian Water's draft WRMP.

### 3. Solution assessment summary

Table 1. Draft decision summary

Recommendation item	Anglian to Affinity Transfer
Solution owners	Anglian Water and Affinity Water
Should further funding be allowed for the solution to progress to gate three?	Yes, for the Peterborough to Grafham transfer element only.
Is there evidence all expenditure is efficient and should be allowed?	Yes
Delivery incentive penalty?	No
Is there any change to partner arrangements?	Yes, Affinity Water will cease to be a solution owner
Are there priority actions for urgent completion?	Yes, refer to section 4.1.
Are all priority actions and actions from previous gates addressed?	Yes
Suitable timing for gate three has been proposed	No, RAPID have suggested a gate three of September 2024 to align with other solutions.

#### 3.1 Solution progression to standard gate three

The solution owners suggest that the solution, except for the Peterborough to Grafham transfer element, is not a potentially valuable way of supplying water to customers. RAPID agree with the proposal presented by Anglian Water and Affinity Water that the solution, except for the Peterborough to Grafham transfer element, should not be funded to further progress its investigations and development at this time.

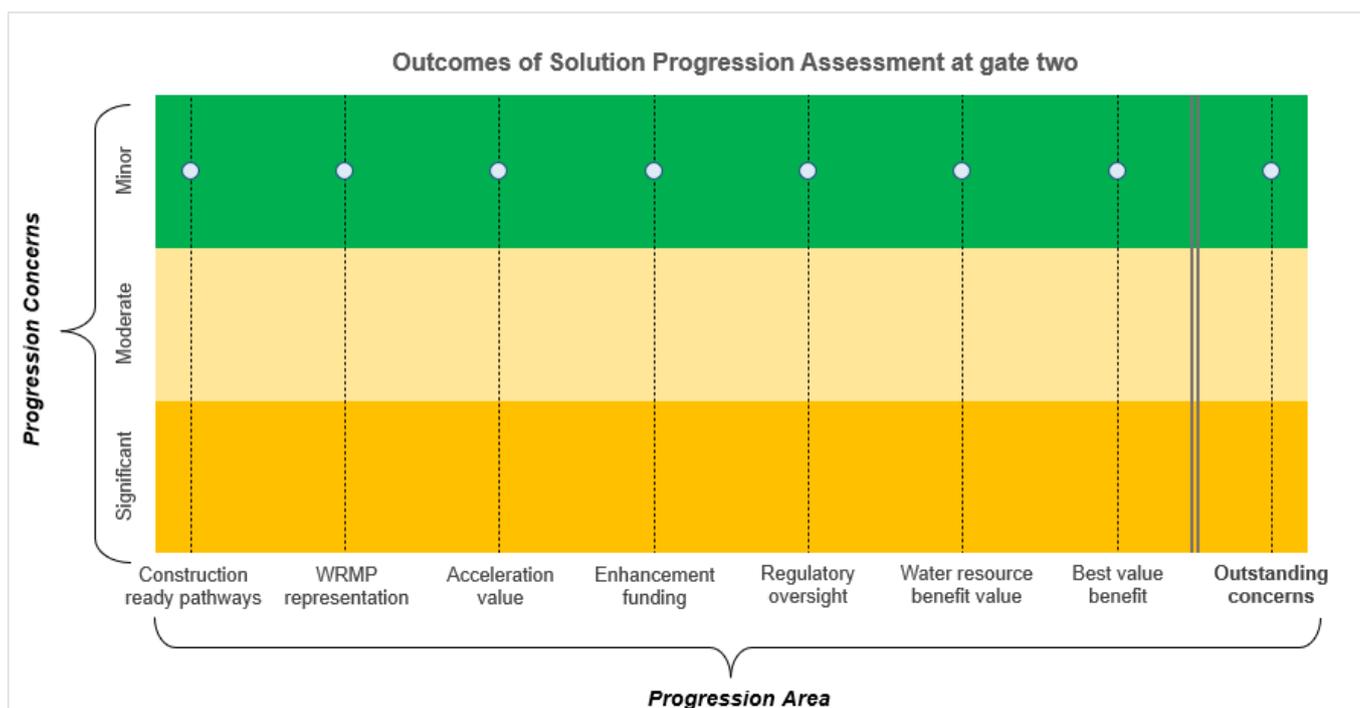
Anglian Water have identified that the Peterborough to Grafham transfer element of the solution, comprising of the Northern section of the Western route, offers options for Anglian Water to serve customers in Ruthamford from the SLR solution and increase resilience. Based on our assessment of a wide range of areas that could concern the progression of this section of the solution, we have concluded that the Peterborough to Grafham transfer element should progress through the gated process to gate three.

Anglian Water have proposed that the Peterborough to Grafham transfer element of A2AT is merged with the SLR solution following gate two. While RAPID see merit in managing SLR and associated infrastructure together, there are aspects where separability is needed. This includes the ways that costs associated with the Peterborough to Grafham transfer element are reported and recorded. Consequently, we consider that the remaining Peterborough to Grafham element should be accounted for in the gated process beyond gate two as a solution separate to the SLR solution. However, we are willing to discuss with the solution teams the parts of the solutions that can be developed together and the parts where they must continue to be separated.

Figure 2 below summarises the area of any progression concerns for the Peterborough to Grafham transfer element, including indication of the significance. The reasons for this assessment conclusion are set out in table 2 below.

Decisions on funding as a result of this progression decision, are set out in section 3.2.

**Figure 2. Assessment of solution's progression concerns**



**Table 2. Draft decision progression criteria**

Progression criteria	Anglian to Affinity Transfer
<b>Solution owners</b>	Anglian Water and Affinity Water
<b>Is the solution in a preferred or alternative pathway in relevant regional plan or WRMP (where applicable) to be construction ready by 2030?</b>	Yes, the Peterborough to Grafham transfer is chosen in Anglian Water's draft WRMP24, as a potable transfer option in its preferred plan, which is the relevant plan for the standard track. The solution will be construction ready by 2029.
	No further action is required on this progression criteria.
<b>Do regulators have any significant concerns with the solution's inclusion or non-inclusion in a WRMP or regional plan or with any aspects that may impact its selection, to a level that they have (or intend to) represent on it when consulted?</b>	No, the regulators do not have concerns on how the Peterborough to Grafham transfer is represented, or the information about it, in Anglian Water's draft WRMP24.
	No further action is required on this progression criteria.
<b>Is there value in accelerating the solution's development to meet a</b>	Yes. The Peterborough to Grafham transfer is required with the SLR to address Anglian Water's forecast deficit.

<b>company's or region's forecast supply deficit?</b>	
	No further action is required on this progression criteria.
<b>Does the solution need continued enhancement funding for investigations and development to progress?</b>	Yes. Continued funding is required to develop a solution to be delivered in time for the planned construction ready date.
	No further action is required on this progression criteria.
<b>Does the solution need the continued regulatory support and oversight provided by the Ofwat gated process and RAPID?</b>	Yes. The Peterborough to Grafham transfer will continue to benefit from the regulatory support and oversight provided by being included in the RAPID programme.
	No further action is required on this progression criteria.
<b>Does the solution provide a similar or better cost / water resource benefit ratio compared to other solutions?</b>	Yes. This solution does provide a similar or better cost / water resource benefit ratio compared to other solutions.
	No further action is required on this progression criteria.
<b>Does the solution have the potential to provide similar or better value (environmental, social and economic value – aligned with the Water Resources Planning Guideline) compared to other solutions?</b>	Yes. This solution has the potential to provide similar or better value (environmental, social and economic value – aligned with the Water Resources Planning Guideline) compared to other solutions.
	No further action is required on this progression criteria.
<b>Does a regulator or regulators have outstanding concerns that have not been addressed through the strategic planning processes taking into account proposed mitigation?</b>	Yes. The solution owner should develop robust environmental assessments, comprehensive water quality monitoring and refine the routing to minimise environmental impacts.
	This progression concern is addressed in section 4.1, Priority action 1 and Actions 1 and 4 in Appendix A of this document.

### 3.2 Solution funding to standard gate three

We are changing the funding of this solution to reflect the change in scope described in section 3.1. Anglian Water will receive 59% of the total A2AT funding allowance and Affinity Water will receive 0%. The revised funding will facilitate the continued development of the proposed Peterborough to Grafham transfer element only. This solution's total allowance and gate allowances has been amended from the final determination. The details of this funding decision are set out in Table 3 below.

Affinity Water will formally cease to be a solution partner on A2AT from gate two onwards. Anglian Water will progress A2AT (Peterborough to Grafham element of the transfer only) and will take full responsibility for the development costs associated with this solution. Affinity

Water's unspent share of the development allowance for A2AT will be reconciled through the revenue reconciliation that will take place at the 2024 price review (PR24).

This funding has been further revised to account for forecast costs at gate three. We have determined that across all solutions gate three costs have risen due to factors such as increases in solution design costs, changes in scope and additional funding required to develop the environmental impact assessment (EIA), water quality assessments, ground investigations and other environmental field studies and assessments. We determine that providing the original gate three allowance combined with 65% of their projected overspend at gate three is appropriate. We do not feel that it would be appropriate to provide solutions with their complete projected overspend at gate three as these projections are not fully mature, and we want to ensure that solutions are still incentivised to keep costs as low as possible.

In addition, we are changing the cost sharing rate that is applied to the solution. At gate three, the solution owners will be responsible for 80% of any overspend. Furthermore, solution owners will be able to retain 25% of any total underspend at gate three, while the remaining 75% will be returned to customers. This diverges from the 50% cost sharing that was outlined in the [PR19 final determinations: Strategic regional water resources solution appendix](#).

**Table 3. Anglian to Affinity Transfer funding allowances**

	Gate one	Gate two	Gate three	Gate four	Total
<b>Anglian to Affinity Transfer gated allowance</b>	£1.15m	£1.72m	£3.08m	£2.71m	£8.66m
<b>Comment</b>	10% of development allowance calculated as 6% of total solution costs.	15% of development allowance calculated as 6% of total solution costs.	Allowance has been changed to reflect that Anglian will be the only solution partner at gate three and will keep a 59% share of the scheme to reflect the revised scope. Furthermore, 65% of the forecast overspend has been added on top of this revised allowance.	Allowance has been changed to reflect that Anglian will be the only solution partner at gate four and will keep a 59% share of the scheme to reflect the revised scope.	Total development allowance following changes to funding allowance.
<b>Previous Allowance</b>	£1.15m	£1.72m	£4.01m	£4.59m	£11.47m
<b>Change from Previous Allowance</b>	£0.00m	£0.00m	-£0.93m	-£1.88m	-£2.81m

### 3.3 Evidence of efficient expenditure

The PR19 final determination specified that any expenditure on activities outside the gate activities for the identified solutions (or solutions that transfer in) will be considered as inefficient and be returned to customers. We will consider whether gate activity is efficient by considering the relevance, timeliness, completeness, and quality of the submission which should be supported by benchmarking and assurance.

A2AT has carried forward £0.57m underspend from gate one, increasing the allowance available to them at gate two to £2.29m.

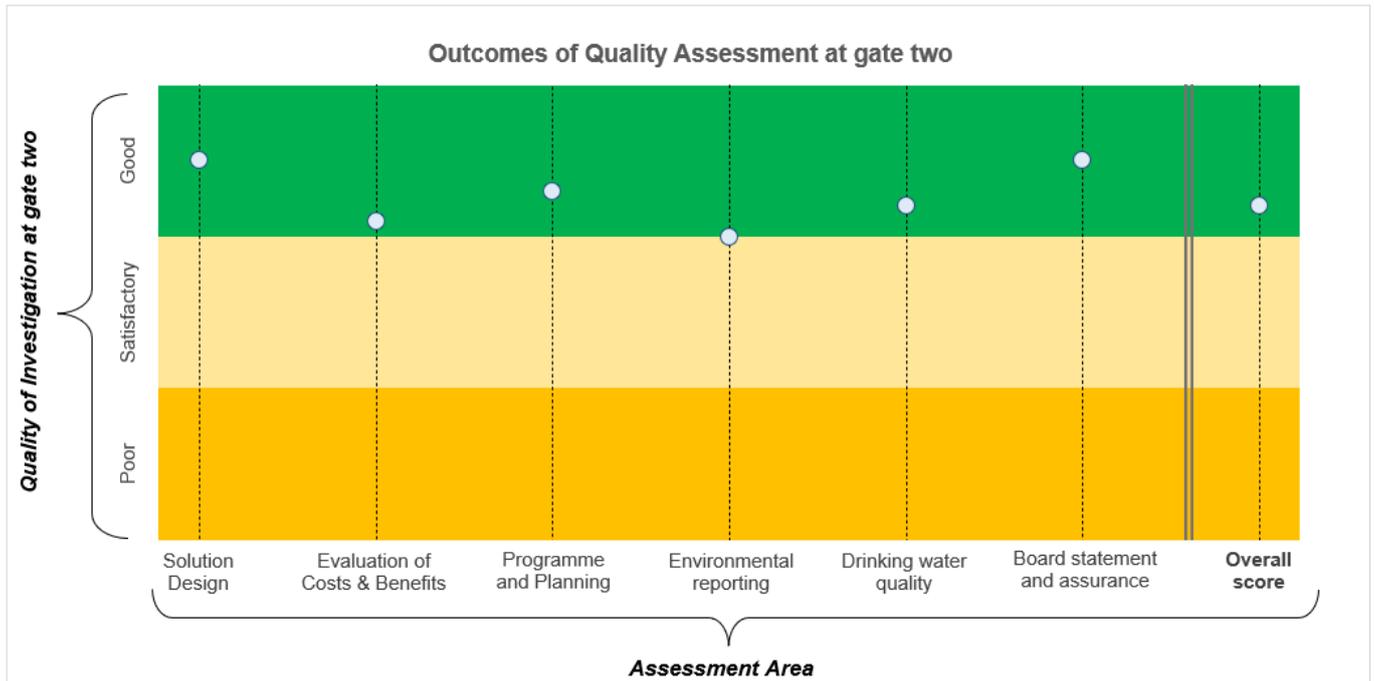
Our assessment of the efficient costs as spent on standard gate two activities results in an allowance for this solution of £0.83m (of £0.83m claimed). A2AT has therefore underspent its combined gates one and two allowance by £1.46m and may take a 59% share of underspend forward to gate three, increasing the allowance available to them at gate three to £3.95m (when rounded up).

From gate two, we will move to look at the cumulative gate spend against the cumulative total allowance, across all gates consistent with the activities being undertaken. For example, any gate four allowance that is brought forward towards gate three should be for the purpose of early gate four activities. Overspends and underspends are then to be managed through cost sharing between the water company and customers. As A2AT is progressing to gate three, this will apply here.

### 3.4 Quality of solution development and investigation

The aim of the assessment was to determine whether gate two activities have been progressed to the completion and quality expected.

Figure 3 shows our assessment of the work completed on the solution, which was presented in the gate two submission. Our assessment was made against the criteria of robustness, consistency, and uncertainty to grade each area of the submission as good, satisfactory, or poor in accordance with the [standard gate two guidance](#), (updated version published on 12 April 2022). We also assessed the Board assurance provided.

**Figure 3. Assessment of quality of investigation**

Our overall assessment for the solution submission is that it is a good submission that meets the expectations of gate two.

In addition to the overall assessment score, there is some variance in expectations being met across the submission, with environmental reporting falling short of expectations and not as developed as would be expected at gate two.

We explain our assessment of each individual area, including any shortfalls in expectations, in the sections below. We have not applied any delivery incentive penalties as a result of this assessment of quality, as further detailed in section 4.

### 3.4.1 Solution Design

Our assessment of the Solution Design considered the quality of the evidence provided on the initial solution and sub-options; the anticipated operational utilisation of solutions; the interaction of the solution with other proposed water resource solutions and stakeholder and customer engagement. The assessment also considered whether information was provided on the context of the solution's place within company, regional and national plans.

We consider Anglian Water and Affinity Water have provided sufficient evidence of progress in developing the solution design for gate two.

At gate three we would like to see further detail on the exact route of the Peterborough to Grafham element of the transfer and location of associated assets.

### **3.4.2 Solution costs**

Our assessment of the unit costs of delivering the Peterborough to Grafham element of the Anglian to Affinity Transfer finds that the costs presented are reasonable at this stage. The assessment also considers the use of the solution as a drought resilience asset, and therefore cost per capacity is often a more appropriate metric than cost per projected utilisation. We will continue to scrutinise cost estimate changes from gate two to gate three.

### **3.4.3 Evaluation of Costs and Benefits**

Our assessment of the evaluation of costs and benefits considered the quality of the information provided on initial solution costs; the social, environmental and economic cost and benefits, water resource benefits and wider resilience benefits. The assessment also considered whether evidence was provided on how the solution delivers a best value outcome for customers and the environment.

We consider that Anglian Water and Affinity Water have provided sufficient evidence of evaluating the costs and benefits of the solution to an appropriate standard for gate two.

At gate three, Anglian Water will need to provide more detailed information on the Peterborough to Grafham transfer element, including infrastructure capacity and transfer losses, and the Natural Capital Approach (NCA).

### **3.4.4 Programme and Planning**

Our assessment of the Programme and Planning considered whether Anglian Water and Affinity Water presented a programme with key milestones and whether its delivery is on track. The assessment also considered the quality of the information provided on risks and issues to solution progression, the procurement and planning route strategy and subsequent gate activities with outcomes, penalty assessment criteria and incentives.

We consider the evidence provided by Anglian Water and Affinity Water regarding the programme and planning, risks and issues and the procurement and planning route strategy for this solution to be of sufficient detail and quality for gate two.

It is important that future risk registers clearly identify the risks and proposed mitigation for the Peterborough to Grafham transfer element. Anglian Water should ensure that the

proposed gate three activities are appropriate to address risks for the Peterborough to Grafham transfer element.

### **3.4.5 Environment**

Our assessment of Environment considered the initial option-level environmental assessment; the identification of environmental risks and an outline of potential mitigation measures; the detailed programme of work used to address environmental assessment requirements and the initial outline of how the solution will take into account the carbon commitments.

We consider Anglian Water and Affinity Water to have provided sufficient progress in the environmental assessment, potential mitigations, future work programmes and embodied and operational carbon commitments for gate two.

The solution falls short in some areas relating to robustness of environmental assessment requirements. At gate three, Anglian Water will need to include detailed assessment of the environmental impacts and mitigation for the transfer/pipeline infrastructure from Peterborough to Grafham.

### **3.4.6 Drinking water quality**

Our assessment of Drinking Water Quality considered drinking water quality and risk assessments; evidence that the solution has been presented to the drinking water quality team and a plan for future work to develop Drinking Water Safety Plans.

We consider Anglian Water and Affinity Water to have provided sufficient evidence of progress in the drinking water quality and risk assessment, and future work around Drinking Water Safety Plans for gate two.

We expect Anglian Water to continue to engage with the Drinking Water Inspectorate as the transfer design progresses and include emerging contaminants in the water quality monitoring programme.

### **3.4.7 Board Statement and assurance**

The evidence provided relating to assurance is good for this stage of the gated process.

We consider that the Boards of Anglian Water and Affinity Water have provided a comprehensive assurance statement and have clearly explained the evidence, information and external/internal assurance that they have relied on in giving the statement.

## 4. Actions and recommendations

Where the submission has not been assessed as ‘meeting expectations’ in the quality assessment, or progression concerns have been raised, we have provided feedback on where we will seek remediation of the issues. We have also identified specific steps that Anglian Water should take in preparing for standard gate three.

We have categorised these remediation issues and steps into priority actions, actions and recommendations.

Priority actions are those that should have been completed at gate two and must now be addressed on a short timescale in order to make sure the solutions stay on track. They require urgent remediation in full.

Actions are those that should be addressed in full in the standard gate three submission. The response to these actions will influence the assessment of the gate three submission.

Recommendations are issues where additional information or clarification could improve the quality of future submissions.

We have also assessed progress on actions and recommendations from gate one.

### 4.1 Actions and recommendations from gate two assessment

One priority action has been identified for the Peterborough to Grafham transfer element, which should be delivered no later than 30 June 2023. If solution owners cannot meet this deadline please explain this in the representation.

Fifteen actions and recommendations have been identified for the Peterborough to Grafham transfer, which should be fully addressed at the gate three submission. Progress against actions will be tracked as part of regular checkpoints the solution holds with us whilst undertaking gate three activities.

The full list of priority actions, actions and recommendation for the Peterborough to Grafham transfer can be found in Appendix A.

### 4.2 Actions and recommendations from gate one assessment

We have assessed whether A2AT has met actions that were set out as a result of our gate one assessment.

There were no priority actions associated with this solution from gate one.

Five actions and recommendations were identified for A2AT, which were expected to be fully addressed at the gate two submission.

Further detail of our conclusion against each individual action is shown in Appendix B.

## 5. Delivery Incentive Penalty

We have not applied delivery incentive penalties to this solution, as a result of the assessment carried out on the gate two submission.

## 6. Proposed changes to partner arrangements

There are the following changes proposed to partner arrangements from gate two.

Anglian Water and Affinity Water propose that Affinity Water formally cease to be a partner on A2AT beyond gate two. This is due to the proposed transfer no longer transferring water to the Affinity Water network, and instead being progressed as an in-region transfer.

We agree with the proposed changes to partnership arrangements. The implications of this and the change in scope of this solution on the funding allocation is set out in section 3.2 above.

As this solution will progress as a single company solution with a reduced scope, as set out in section 3.1, we will refer to this solution as the 'Peterborough to Grafham transfer' from gate two onwards. If Anglian Water would like to present an alternative name, this can be done during the representation period.

## 7. Gate three activities and timing

The Peterborough to Grafham transfer element of the solution will continue to be funded to gate three as part of the standard gate track.

For its gate three submission, we expect Anglian Water to complete the activities listed in [PR19 final determinations: strategic regional water resources solutions appendix](#), as expanded on in section 7.4 of the solutions gate two submission. Activities are expected to be completed in line with delivery incentives and expectations set out in [RAPID's gate three guidance](#). We also expect the actions listed in appendix A to be addressed.

### 7.1 Gate three timing

Anglian Water have proposed a date for gate three of March 2024. This is proposed alongside a forward programme of gate four in 2025, proposed planning application submitted in 2025, solution construction ready in 2029, and solution operational 2039–41.

We have decided that A2AT gate three should be September 2024. This is to align gate three with solutions on a similar programme, and for RAPID to efficiently assess progress of activities, ahead of the solutions proposed planning application.

We agree with your forward programme for gate four.

The forward programme proposed by the solution is in line with the principles of RAPID's standard programme. Funding arrangements are set out in section 3.2 of this document.

## 8. Next steps

Following publication of this standard gate two draft decision solution owners and other interested parties are invited to respond to the draft decision. Representations, including evidence from solution owners that priority actions (identified in the Appendix) have been addressed, can be made by email to [rapid@ofwat.gov.uk](mailto:rapid@ofwat.gov.uk) and will close at 6pm on 11 May 2023.

All representations will be considered before our final decision is published at 10am on 28 June 2023.

## Appendix A: Gate two actions and recommendations

Priority Actions – to be addressed by June 2023		
Number	Area	Detail
1	Drinking Water Quality	Emerging contaminants are to be included in the water quality monitoring programme from gate two onwards. Provide a water quality monitoring programme including emerging contaminants to RAPID by 30 June 2023.
Actions – to be addressed in standard gate three submission		
Number	Area	Detail
1	Solution Design	Confirm to RAPID that the Peterborough to Grafham transfer element of the solution aligns with Anglian Water's Water Resource Management Plans (WRMP) and relevant Regional Plans at the next available regular checkpoint meeting after the publication of the WRMPs and Regional Plans.
2	Evaluation of Costs and Benefits	Improve reporting in the Natural Capital Assessment through inclusion of quantitative results, such as the tCO <sub>2</sub> e sequestered for climate regulation, and the expected change in area of each habitat type. Water purification should be fully assessed, not only qualitatively. Provide in addition a rationale that explains why the ecosystem service was monetised.
3	Evaluation of Costs and Benefits	Provide evidence to support estimates for transfer losses and an explanation for how the losses have been calculated. Provide infrastructure capacity and justification required to facilitate the 150Ml/d transfer option.
4	Programme and Planning	Ensure that gate three activities for the Peterborough to Grafham transfer element of the solution align with the RAPID gate three guidance and address the key risks and mitigations identified in the risk register.
5	Environment	Develop and present a plan to address environmental impacts of the Peterborough to Grafham transfer element of the solution including an 'in combination' assessment of potential impacts. The plan should also set out how archaeological issues will be managed.
Recommendations		
Number	Area	Detail
1	Solution Design	Provide specific options for the Peterborough to Grafham transfer element of the solution at gate three.
2	Solution Design	Provide further detail on the exact route and location of the pipeline, the locations of pumping stations and any new break pressure tanks which are proposed.

3	Solution Design	Begin to engage with local customers and stakeholders who will be receiving a new source of water.
4	Evaluation of Costs and Benefits	Reference Ofwat's Public Value principles in the gate three submission and provide narrative on how the principles have been followed during solution development.
5	Evaluation of Costs and Benefits	Include descriptions and tables to show how cost estimates, including total planning period indicative option cost (net present value), for the preferred option, have changed between each gate.
6	Evaluation of Costs and Benefits	Provide specific benefits for the Peterborough to Grafham transfer element of the solution at gate three.
7	Programme and Planning	In future gated submissions explain where the project risks presented in the submission vary from the quarterly risk reporting to RAPID.
8	Programme and Planning	Risks associated with the Peterborough to Grafham transfer element infrastructure should be clearly presented.
9	Programme and Planning	Provide at gate three for the Peterborough to Grafham transfer element, a timeline of planning and delivery to show exactly how each stage of the pipeline will be constructed, completed and delivered for commissioning.
10	Environment	Clearly present how scope 1, 2 and 3 emissions have been considered. The methodology used to determine carbon emissions should be presented in such a way that it can be easily understood and repeated. Provide further evidence to show how uncertainties within the carbon assessment have been appropriately considered.

## Appendix B: Gate one actions and recommendations

Actions – addressed in standard gate two submission			
Number	Area	Detail	RAPID assessment outcome
1	Solution Design	Ensure utilisation is refined as part of gate two, including uncertainty and sensitivity, at least to the standard described in response to query AAT003 Q3.	Complete
2	Solution Design	Assess how any new transfer infrastructure will connect with existing infrastructure, particularly how the operations at Rutland/Grafham may have to change to connect the transfer.	Complete
3	Solution Design and Environment	<p>In-combination assessment must include all relevant interactions between options. We expect robust assessment for any options that are screened out as part of in combination assessment.</p> <p>You should consider the potential competing resources from the energy sector.</p> <p>You should consider the impact on Rutland Water.</p>	Complete
Recommendations			
Number	Area	Detail	RAPID assessment outcome
1	Evaluation of Costs and Benefits	You should explain how the chalk streams will benefit as part of the 'need' case for gate two when the route and deployable output is known.	Complete
2	Evaluation of Costs and Benefits	You should explain which option is considered best value (rather than just least cost) for customers and the environment and the criteria and method used for best value ahead of gate two.	Complete

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