FINAL WATER RESOURCES MANAGEMENT PLAN 2024

APPENDIX 7G – WRSE OPTIONS APPRAISAL SUMMARY REPORT

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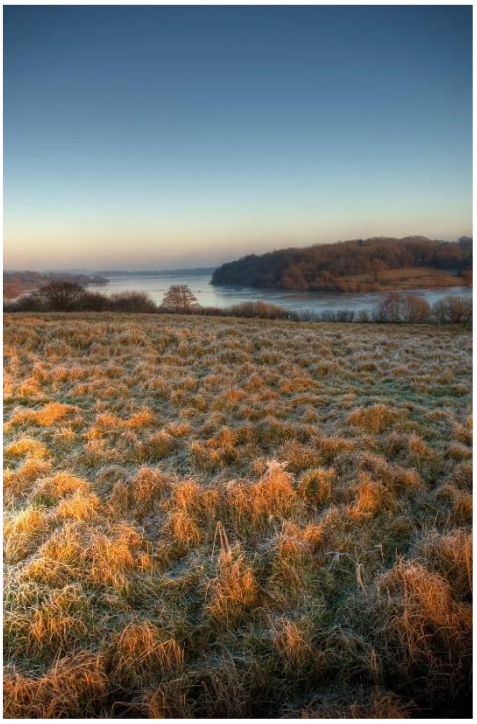

Options Appraisal

Summary report

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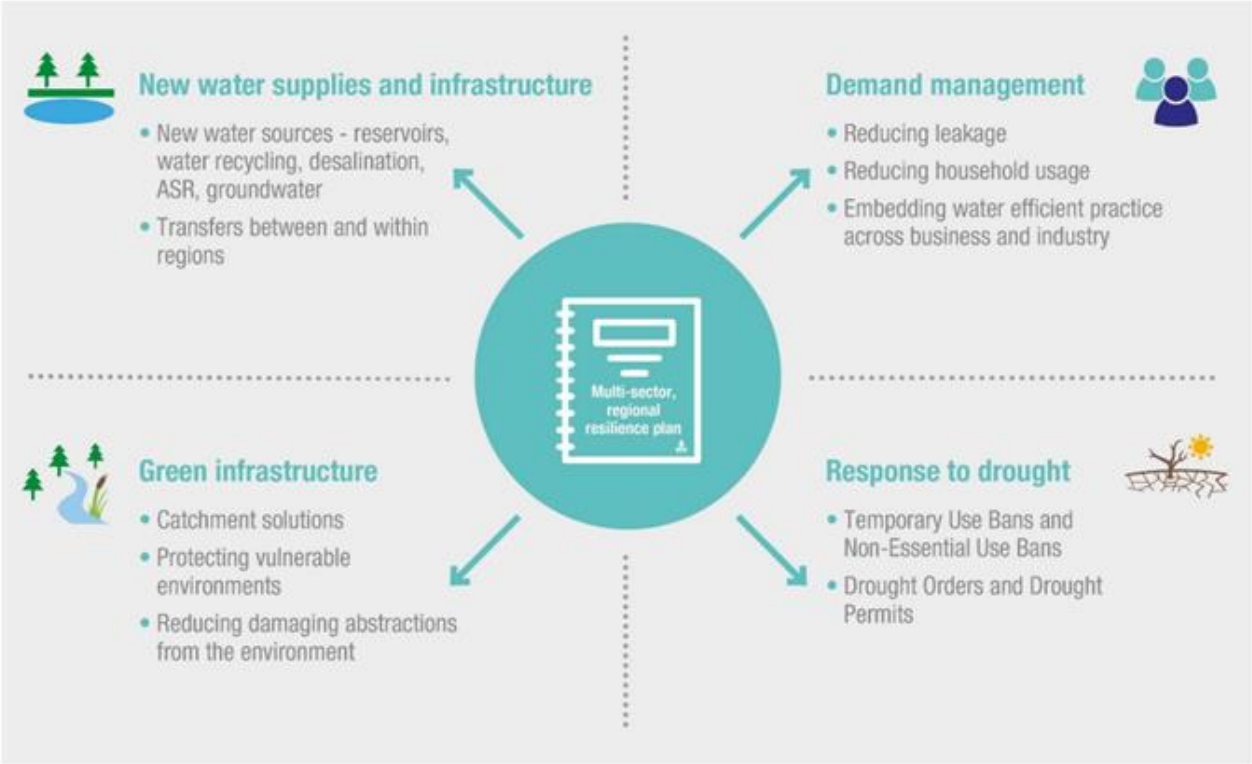
1 Introduction

This report provides a summary of the results of the options appraisal that developed the information on options that was used for investment modelling as part of the regional resilience plan for the south east region. The report should be read in conjunction with the Options Appraisal Method Statement published by WRSE. The options have been categorised into the four categories shown in Figure 1 comprising: new water resources infrastructure, demand management, green infrastructure and response to drought. These options have variously been identified by water companies, WRSE and stakeholders. Many of the options are primarily for Public Water Supply (PWS), but multi-sector (Non-PWS) options have also been identified.

Figure 1: WRSE categorisation of options



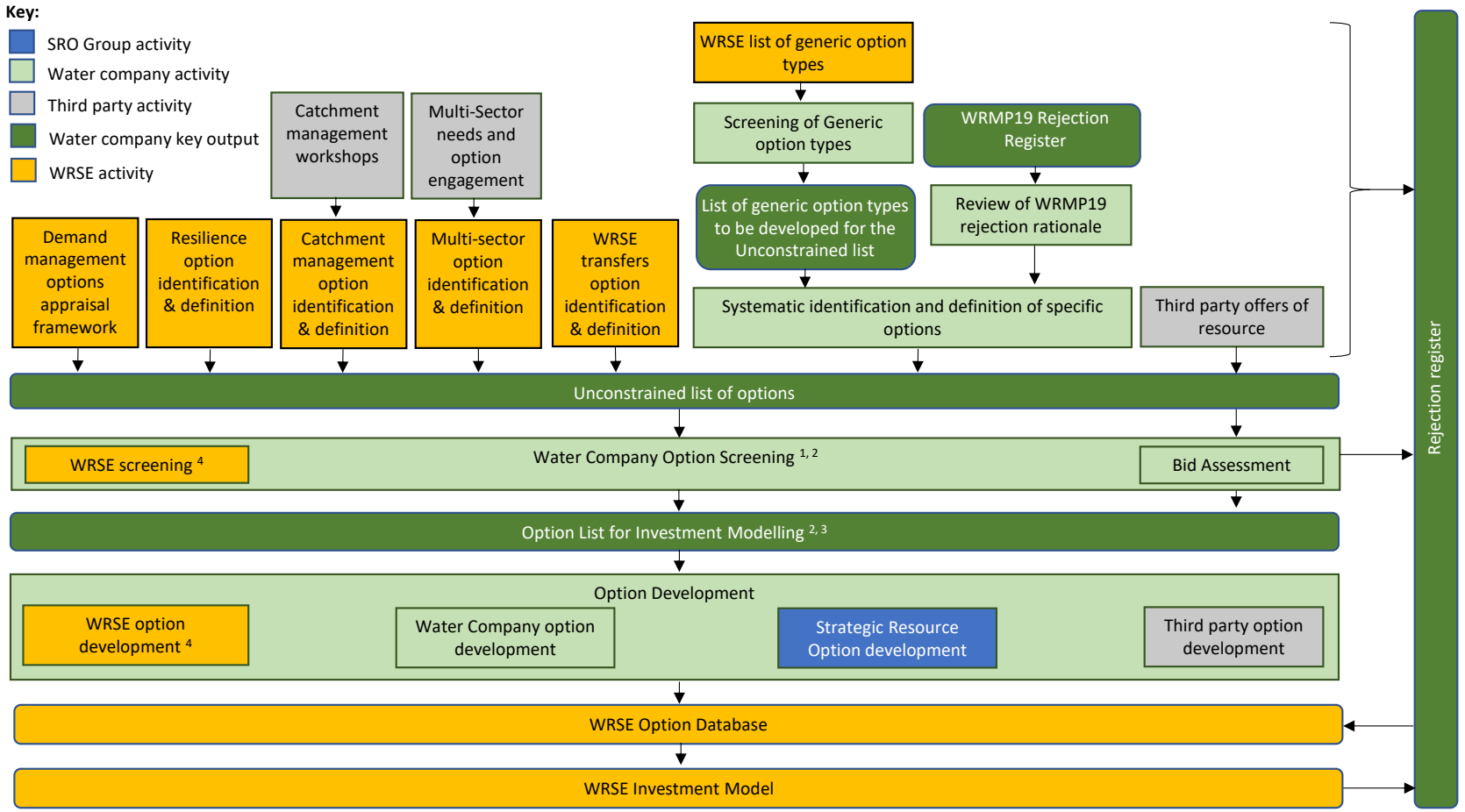
An overview of the process for options appraisal is set out in Figure 2 which firstly shows how options have been identified by water companies, WRSE and third parties. Water companies (and for some option types WRSE) have then screened options to identify feasible options. An overview of the feasible options identified is provided in Section 2 of this report. Option information on feasible options has then been developed to feed into the investment modelling – an overview of the option information is provided in Section 3. Where options have been rejected then the reason for rejection is documented in water company WRMP Tables.

Options lists have been appended to this report as follows:

- Appendix A: Feasible options list – provides the list of options for investment modelling
- Appendix B: Rejection Register – comprises the list of options that were on the unconstrained list but that have been rejected
- Appendix C: Excluded options list – provides the list of feasible options that were excluded from optimisation in the Best Value Plan model run (these options are also shown on the Feasible options list)

The categorisation of options in some cases differs from that in the regional tables as the latter aligns with company WRMP tables, for which some companies did not separately report excluded options, so as to be consistent with the categorisation requested in the table instructions.

Figure 2: An overview of the process for identifying and screening options



Note 1: Screening processes will vary between companies and may include a one or two stage approach, company specific feedback has been provided to improve robustness of option screening
Note 2: The Option List for Investment Modelling may be the full Feasible List of options, or a Constrained Feasible List, where this has been agreed with stakeholders (including the EA), provided that care is taken when constraining the Feasible List to ensure options that could benefit other companies are not rejected at this stage.
Note 3: Demand management options are represented as strategies comprising baskets of consumption and leakage reduction options combined by Water Companies to achieve different levels of total demand reduction
Note 4: WRSE option identification, screening and development activities focused upon catchment management, multi-sector and strategic transfer options

2 Option identification and screening

This section provides an overview of the approaches followed for options identification and screening as well as providing an overview of the feasible options that have been identified.

Efficient use of water

Approach to strategy development

In order to identify efficient use of water strategies (comprising demand management and leakage reduction options) the water companies comprising WRSE undertook their respective bottom-up assessments. A prerequisite for each option is that it differs from a company's baseline activity. For each such option, an assessment of expected volumetric demand reduction and implementation and maintenance and/or replacement costs results in profiles of water saved and total costs over the planning horizon.

Options assessed included metering, water efficiency and leakage reduction initiatives covering the company and customer-side measures. Changes in national policies, which would result in demand reductions were also considered.

Individual options were then grouped into demand management strategies at water resource zone level. When grouping the options, companies took into consideration whether there are any dependencies between options or whether any are mutually exclusive with another option. The assessments reviewed any associated risks, uncertainties and constraints, particularly confidence in deliverability where the options were reliant upon future innovation and/or behaviour change.

To promote alignment of demand management strategies between the companies, a framework for combining the options into packages was developed for use by individual companies. Three strategies were defined aiming to meet differing levels of water consumption and leakage reduction ambitions. The three strategies – Low, Medium and High - are presented in Table 1 and Table 2, and were used by companies as a guide when developing their programmes of interventions.

Companies have targeted ambitious leakage reductions using a range of measures including active leakage control, mains renewal, supply pipe repairs and pressure management. Variations in the extent of leakage reductions between WRZs arise from differences in the characteristics of the network, the potential reductions that can be achieved through different measures and differences in policies.

Ambitious strategies for reducing water consumption have also been developed that include water metering, promoting water saving devices, helping customers reduce plumbing losses, and changes to tariff policies. Variations in the extent of consumption reductions between WRZs arise from differences between WRZs such as existing meter penetration and levels of per capita consumption.

Table 1 Leakage reduction strategies

Strategy	Suggested targets up to 2049-50	Suggested targets post 2049-50
Low	2024-25 target: achieve draft WRMP19 reduction 2049-50 suggested target: 30% reduction from base year [2017-18]	2050-2100 suggested target: between 0% and 1% reduction each AMP from 2049-50 level
Medium	2024-25 target: achieve at least WRMP19 reduction 2049-50 suggested target: 50% reduction from base year [2017-18]	2050-2100 suggested target: between 1% and 2% reduction each AMP from 2049-50 level
High	2024-25 target: achieve greater than WRMP19 reduction 2049-50 suggested target: 50% reduction from base year [2017-18]	2050-2100 suggested target: greater than 2% reduction each AMP from 2049-50 level

Table 2 Total consumption (household and non-household) strategies

Strategy	Suggested targets up to 2049-50	Suggested targets post 2049-50
Low	2049-50 target: reduction in projected demand by an equivalent of up to 5% from base year [2017-18]	2050-2100 suggested target: between 0% and 0.5% reduction each AMP from 2049-50 level
Medium	2049-50 target: reduction in projected demand by an equivalent of between 5% to 10% from base year [2017-18]	2050-2100 suggested target: between 0.5% and 1% reduction each AMP from 2049-50 level
High	2049-50 target: reduction in projected demand by an equivalent of between 10% to 15% from base year [2017-18]	2050-2100 suggested target: greater than 1% reduction each AMP from 2049-50 level

Portsmouth Water have also investigated a High Plus strategy that included universal metering. All companies have looked at potential savings resulting from government led demand management interventions and this is reported in **a separate** document1**.**

[1] WRSE (2022), Government demand management savings and implementation profiles

Hard infrastructure

Option identification and screening

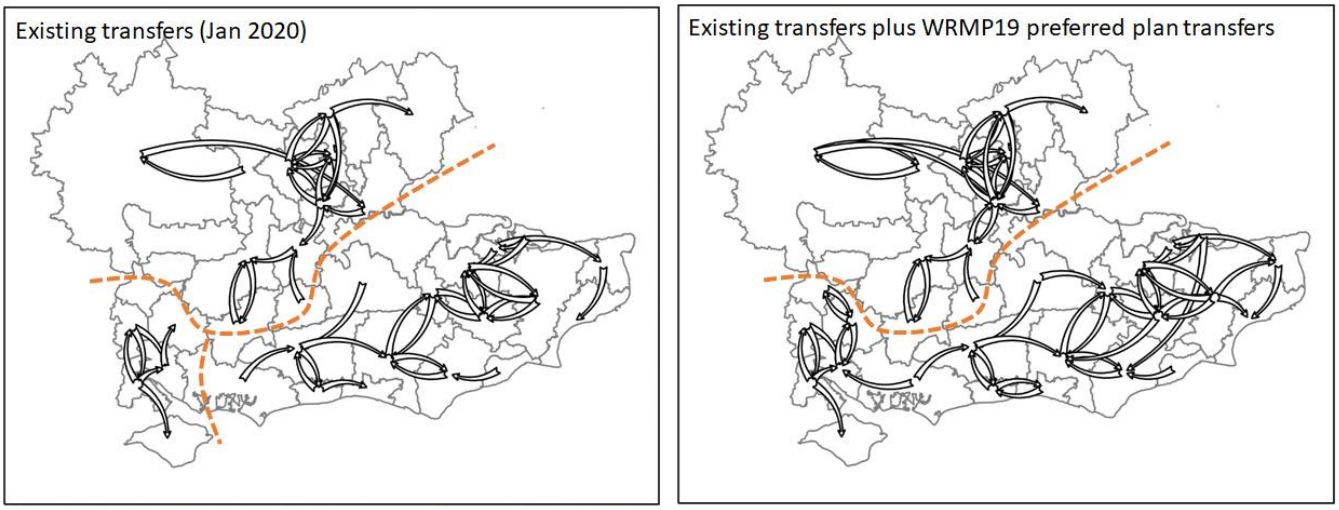
Water companies have well developed approaches for identifying and screening hard infrastructure options. WRSE reviewed the approaches and made recommendations to companies for potential improvements to processes to avoid options being screened out where they could have potential to provide regional benefit, but are not required locally. The option identification and screening approaches employed by companies will be described in their water resources management plans.

WRSE identified water transfers as being a particular area that would benefit from additional option identification and screening. Further work to identify and develop transfer options was therefore conducted by WRSE and this is described below, together with an overview of the other feasible hard infrastructure options identified by companies for inclusion in the regional investment modelling.

Intra-region transfers

The WRSE Future Water Resource Requirement estimated that in 2025 there would be unused surpluses within the region of 315Ml/d. A review of existing transfers identified three isolated sub-regions and when WRMP19 preferred plan transfers were included a north-south divide within the region remained (see Figure 3) and many WRZs would not benefit from being linked to the new strategic water resource options.

Figure 3: Review of connectivity within the region



Source: James Tomlinson Associates, WRSE regional transfers, Aggregated PYWR modelling; Model Update & results, 11/2/2020

Further work was then done to identify potential neighbouring WRZs where there could be benefit from additional connectivity and in each case an estimate was made of the range of transfer capacities that may be required. Workshops were then held to agree the best start and end points for each new transfer and to identify where there may be benefit from a transfer being bi-directional. Initial pipeline routes were then identified between the start and end points and options were developed that covered the range of potential capacities identified, including allowing bi-directional flow where applicable.

A map showing the transfers and imports included as feasible options is shown in Figure 4. Figure 5 indicates those transfers that are for raw water and those that are treated water transfers. The maps include both transfer options developed by water companies and WRSE. The line colours on the map differentiate between:

- Green - feasible transfers that have been selected in the preferred plan (Situation 4),
- Purple - feasible transfers that were included in the modelling for the preferred plan, but which were not selected; and
- Red – feasible transfers that were excluded during the investment modelling for the preferred plan either due to environmental concerns, due to uncertainties around the option definition, or other reasons

It can be seen that several treated water transfers between the north and south of the region are now included as options: one in the west which is part of the Thames to Southern Transfer Strategic Resource Option (SRO) linking resource options in the upper River Thames to Hampshire; and one from the Thames Water Ring Main (TWRM) in London to the Maidstone WRZ in Kent. Two potential transfers from London south to Sussex have been excluded due to uncertainties associated with the level of option development: the first is a raw water transfer south from the River Thames in West London discharging into the River Arun; the second is a treated water export from the TWRM south through the SES supply area towards Haywards Heath and Brighton.

Figure 4: Status of feasible transfer and import options

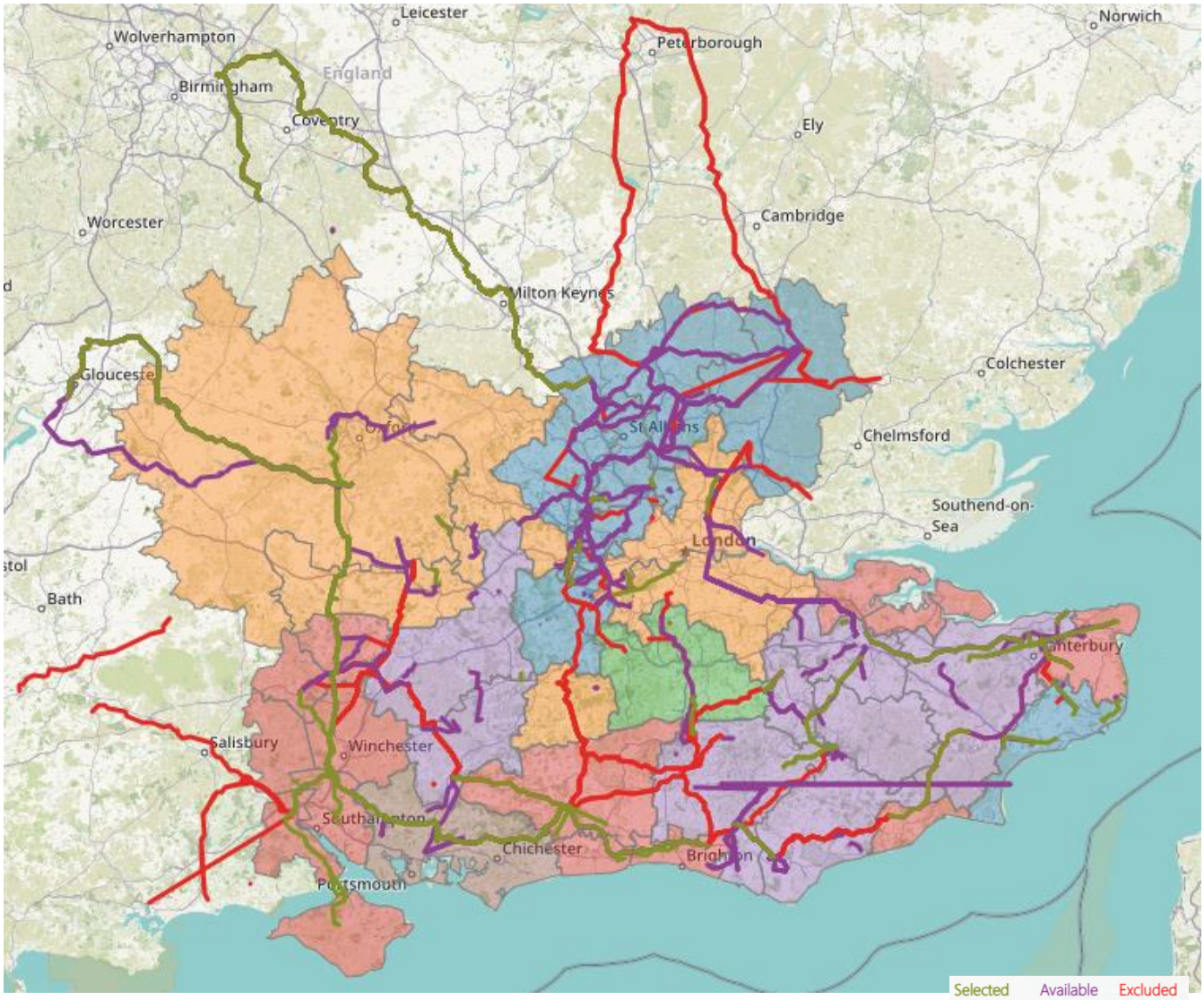


Figure note: Base mapping courtesy of OpenStreetMap, Humanitarian OpenStreetMap Team and Icon Map.

Figure 5: Nature (raw/treated) of feasible transfer and import options

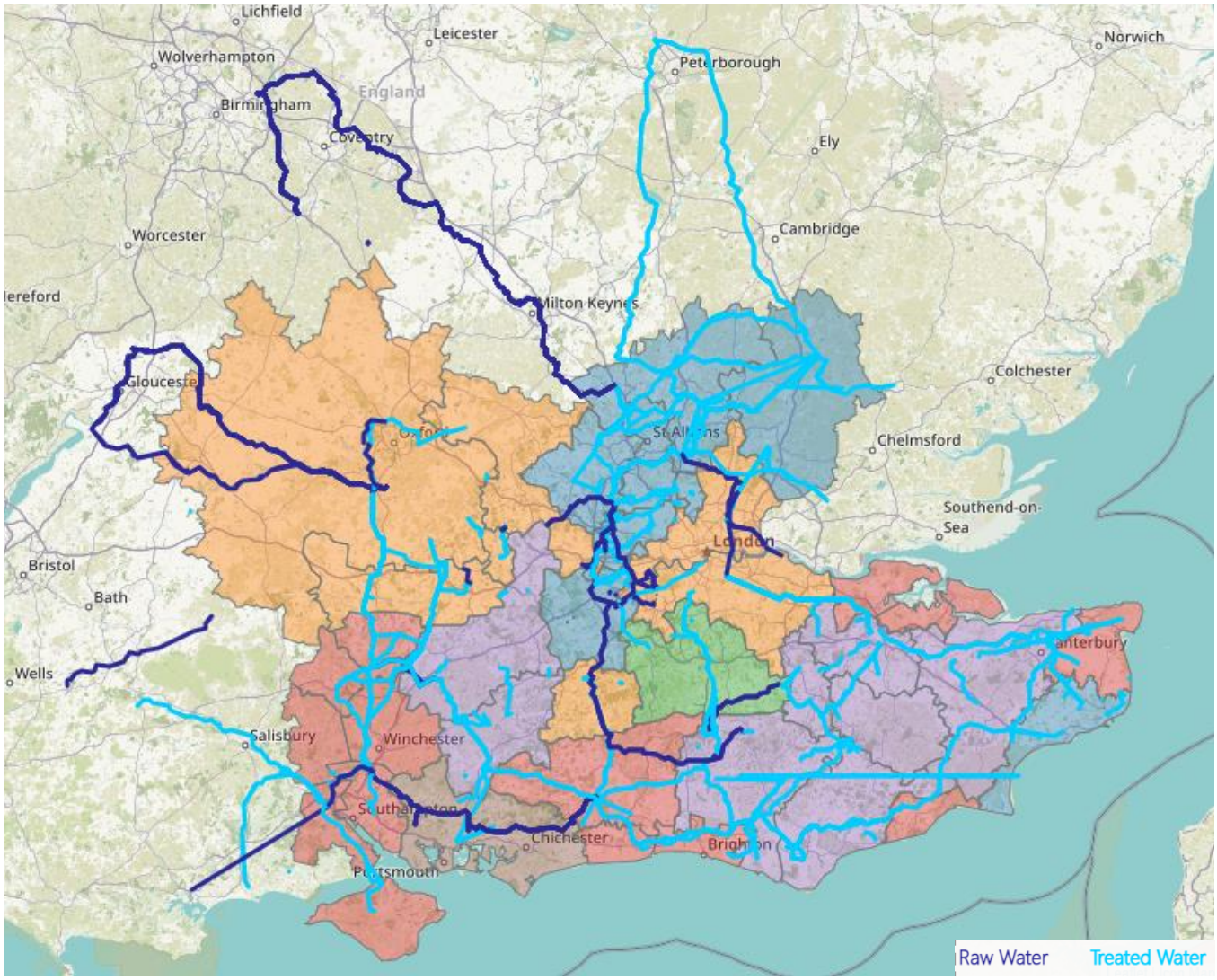


Figure note: Base mapping courtesy of OpenStreetMap, Humanitarian OpenStreetMap Team and Icon Map.

Imports

Options for transfers into the South East region from other regions that have been identified by water companies are also shown in Figure 4 and Figure 5 and are listed below. Both treated water and raw water transfers have been identified. An important consideration in the development of potential raw water transfers is the need to mitigate against the risk of transfer of Invasive Non-Native Species (INNS).

- Transfers from east region
  - Anglian-Affinity transfer SRO transferring up to 100Ml/d of treated water to Affinity Water Stort or Lee zones. The transfer could be supplied by new resource development in the WRE region including new abstractions on the River Trent and the South Lincolnshire and Fenns reservoirs

SROs. The transfer has been excluded from WRSE modelling through the regional reconciliation process.

- Transfers from west region
  - Grand Union Canal transfer of up to 100Ml/d of raw water to Affinity Water for treatment at Leighton Buzzard. The resource for the transfer would comprise recycled Birmingham effluent from Minworth Sewage Treatment Works
  - Oxford canal transfer of 15Ml/d of raw water to either Farmoor reservoir to supply SWOX or to the River Cherwell, a tributary of the River Thames, to support supplies to London. The resource for the transfer would be from surplus Canal and River Trust resources associated with the Birmingham Canal Navigation.
  - Severn Thames Transfer of: up to 500Ml/d of raw water by pipeline from Deerhurst on the River Severn to the River Thames at Culham; or up to 300Ml/d of raw water through restoration of the Cotswold Canals abstracting water from the River Severn at Gloucester for transfer by canal to the River Thames at Lechlade and then onward transfer by pipeline to Culham. The resources for the Severn Thames Transfer comprise water available in the River Severn as well as additional resources made available by redeployment of existing resources and recycling of effluent from Severn Trent Water and United Utilities. Elements of the scheme that relate to redeployment of existing resources would also necessitate development of further new resources in the North West to replace the resources that have been redeployed.
- Transfers from west country region
  - Wessex treated water import to Swindon of 3Ml/d from 2040
  - Mendip Quarries raw water import through the Kennet & Avon canal to support flows in the River Thames.
  - Mendip Quarries treated water transfer to Testwood for supply to
  - West Country South (WCS) SRO Poole reuse to Southampton West of 30Ml/d

Apart from the small 3Ml/d import to Swindon the other options for imports from the west country region have been excluded from WRSE modelling through the regional reconciliation process.

Water recycling

Water recycling involves reusing highly treated wastewater to augment water supplies. Water reuse can be direct or indirect:

- Direct reuse involves treating wastewater effluent to potable water standards and supplying it directly into the public water supply system
- Indirect reuse involves transferring highly treated wastewater effluent into water bodies so mixing can occur with other water in the environment prior to abstraction for public water supply, and where water is then treated to potable water standards

Indirect reuse has benefits over direct reuse in terms of managing risks to water quality through natural physical and biological processes in the receiving water body, prior to re-abstraction and treatment for public water supply. The source of the effluent for reuse can either be the discharge from an existing wastewater treatment works, or sewage can be abstracted from the sewerage system and treated separately.

When wastewater is redirected for reuse, this can reduce water available for the environment and any existing abstractions downstream. This is a key constraint in selecting wastewater discharges for potential reuse schemes and tends to result in schemes being focused on discharges into the lower reaches of rivers.

A map showing the locations of water recycling options identified by water companies is included in Figure 6. 62 water recycling options have been identified as being feasible, although this often includes several alternative sized options or multiple phases at the same site. The largest water recycling options comprise:

- reuse from Mogden and Beckton WWTW in London
- reuse from Peacehaven WWTW near Brighton
- reuse from Budds Farm and Peel Common WWTW in Hampshire

Figure 6: Feasible water recycling options

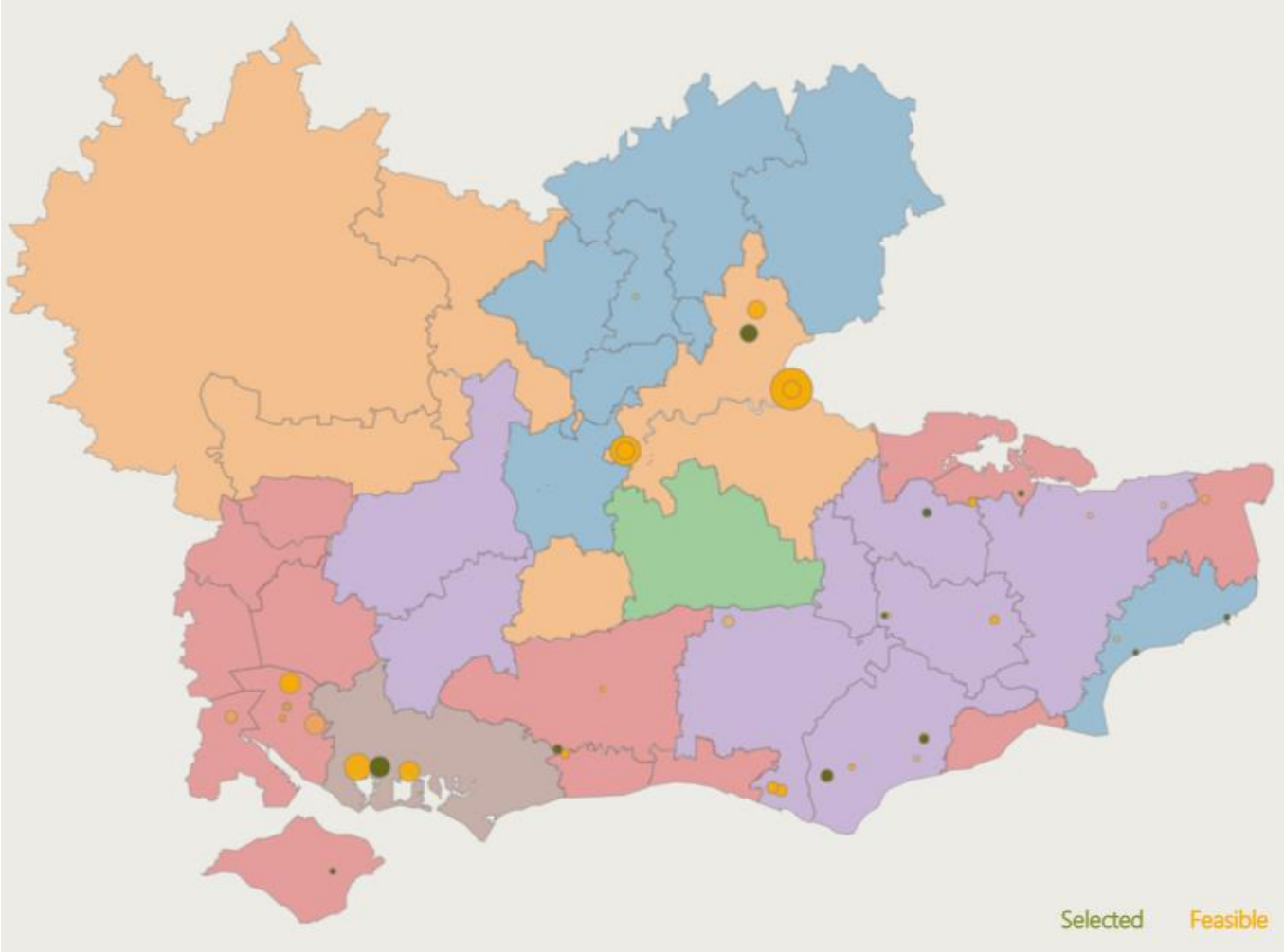


Figure note: Colour of marker indicates status of option in Best Value Plan, situation 4. Size of marker indicates annual average deployable output of option.

Desalination

The resource for desalination is either seawater or brackish water from estuaries or brackish groundwater. Typically treatment including pre-treatment, reverse osmosis membrane treatment, remineralisation and disinfection is required. The quality of the raw water, particularly the level of salinity, impacts both on the capital cost and the operating costs of desalination. Figure 7 shows the locations of feasible desalination options. The largest options have been proposed in the areas of greatest potential deficits on the Solent to supply Hampshire and on the Thames Tideway to supply London. However, Southern Water confirmed in 2021 that it was not progressing the Solent desalination options through the RAPID gated process.

Figure 7: Feasible desalination options

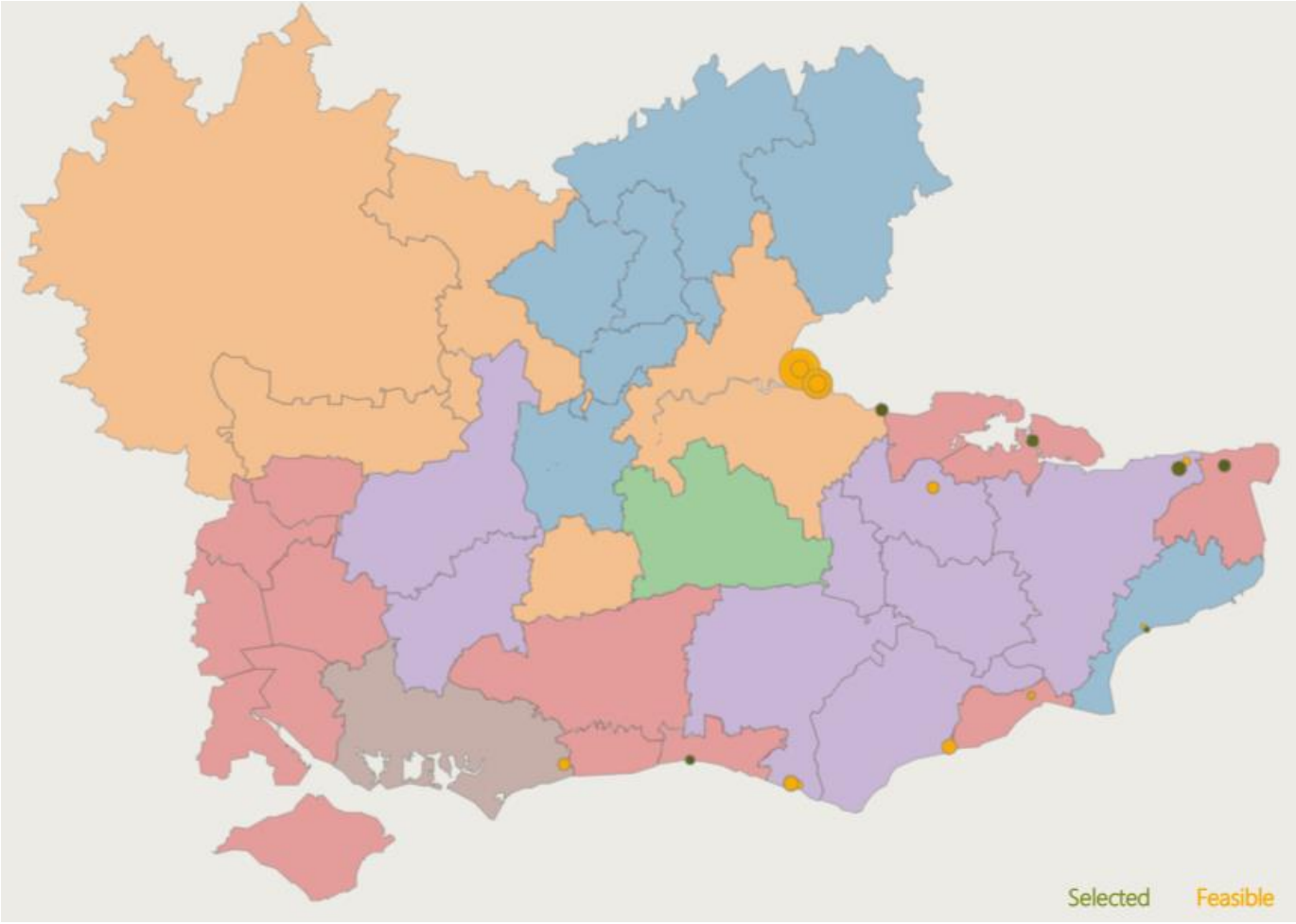


Figure note: Colour of marker indicates status of option in Best Value Plan, situation 4. Size of marker indicates annual average deployable output of option.

Reservoirs

Reservoirs allow water to be collected at times of higher river flows, particularly during the winter, so that it can be made available at times of lower river flows, particularly during the summer when abstractions from some other sources may become restricted[2]. The water stored in reservoirs can either be drawn off and treated directly for public water supply, or it can be released into the river at times of lower flow (river regulation) to support abstractions downstream that might otherwise be subject to restrictions. Figure 8 shows the location of feasible reservoir options identified. It can be seen that the largest reservoir option included is the South East Strategic Reservoir Option in SWOX which has potential to supply SWOX directly and to release water into the River Thames for abstraction downstream to supply Affinity Water and Thames Water in London, and to supply Southern Water through the Thames to Southern Transfer option.

Figure 8: Feasible reservoir options

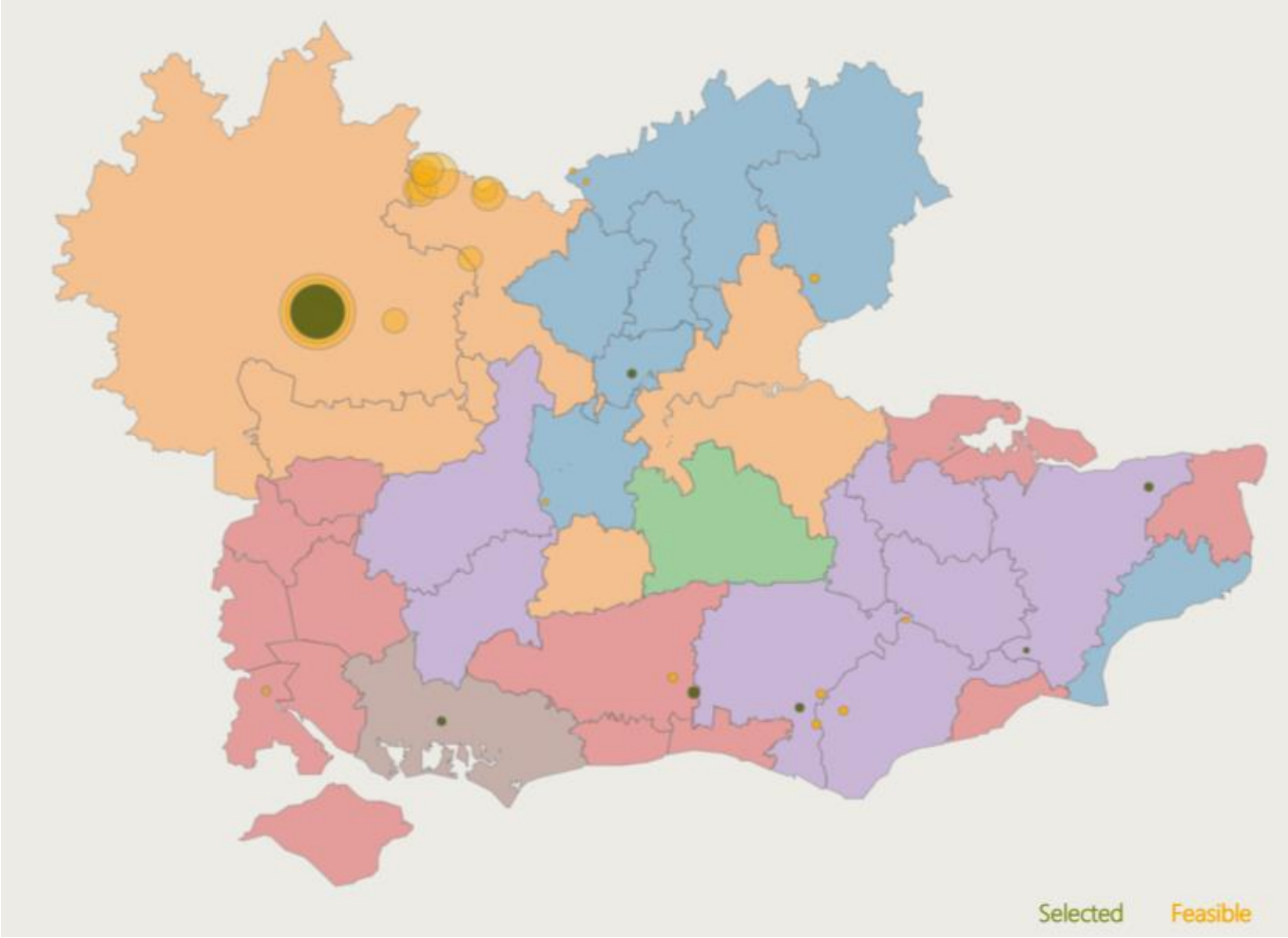


Figure note: Colour of marker indicates status of option in Best Value Plan, situation 4. Size of marker indicates annual average deployable output of option.

[2] For example restrictions on abstractions due to "hands off flow" levels defined in abstraction licences or operating agreements, such as the Lower Thames Operating Agreement and the River Medway Scheme which specify minimum residual flows that water companies should leave in rivers.

Managed Aquifer Recharge

An alternative to above ground reservoir storage is to store water underground in aquifers using Managed Aquifer Recharge (MAR) techniques. There are a range of methods for recharge of aquifers including pumping water into the aquifer through boreholes, or allowing water to infiltrate into the aquifer through an infiltration pond, where the aquifer outcrops at ground level. In some cases the recharge water is stored in the aquifer and abstracted later when required (Aquifer Storage and Recovery), while in other cases recharge water is used to support groundwater levels, but groundwater flows mean that the water abstracted will be different from that recharged (Artificial Recharge). Water used for recharge can come from a variety of sources, such as treated water, surface water or other aquifers. There are several examples of existing MAR schemes in the South East including Thames Water's North London Artificial Recharge Scheme and the SES's North Croydon peak management scheme.

Water companies have identified potential sites for further MAR schemes, particularly using the Chalk and Greensand aquifers. Figure 9 shows the locations of feasible Artificial Recharge (AR) and Aquifer Storage and Recovery (ASR) sites identified.

Figure 9: Managed Aquifer Recharge options

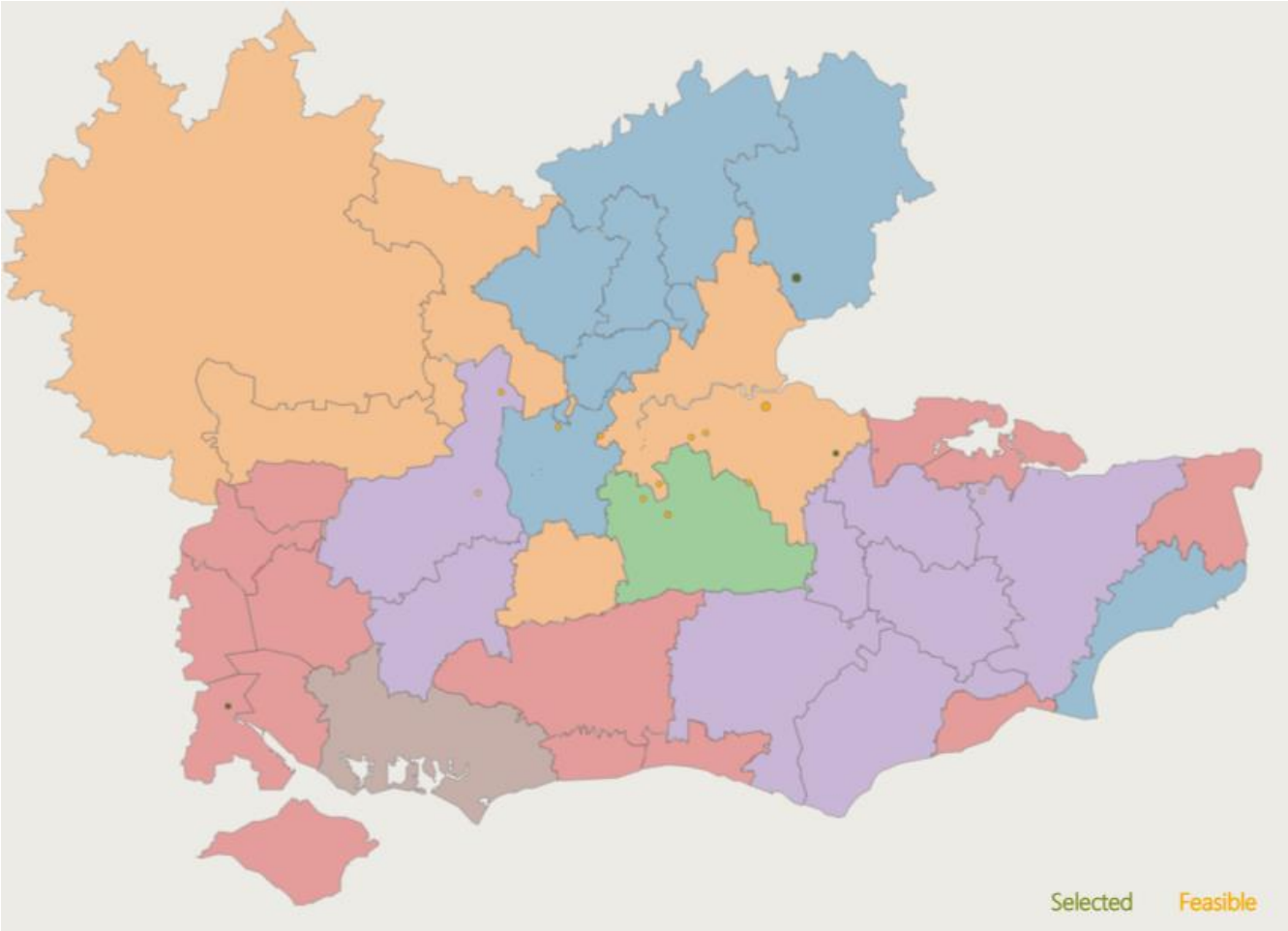


Figure note: Colour of marker indicates status of option in Best Value Plan, situation 4. Size of marker indicates critical period deployable output of option as some MAR options only provide benefit in the critical period.

Groundwater

A further 34 groundwater options have been identified by water companies in addition to the Managed Aquifer Recharge options. These options are relatively small, collectively estimated to provide 83Ml/d of Water Available for Use. The limited potential for new groundwater development is linked to the fact that for most of the South East water is not available for licensing, as indicated by the water resource availability in the Environment Agency Abstraction Licencing Strategy mapping for low flows[3] (see Figure 10), which generally also applies to potential groundwater abstractions, where these may impact river flows.

Figure 10: Water resource availability at Q95 in the South East

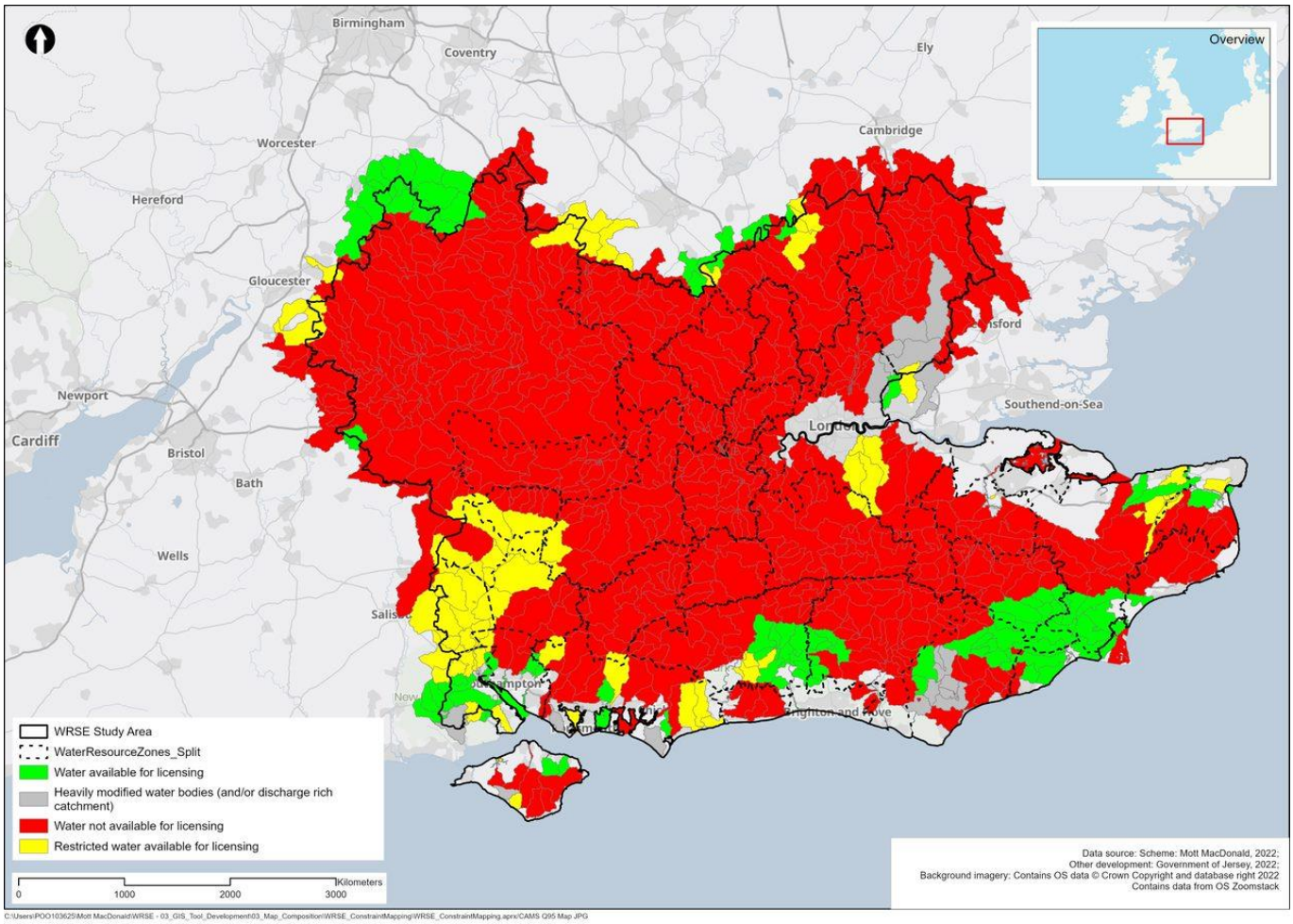


Figure 11 shows the locations of feasible groundwater options identified. The options involve a range of different interventions including:

- Recommissioning of disused sources
- Acquisition of sources currently owned by third parties
- Increasing abstraction at existing sources by lowering borehole pumps and/or increasing pump capacity
- Developing new or replacement boreholes

[3] Water resources availability at Q95 flows, the flow of a river which is exceeded on average for 95% of the time

Figure 11: Feasible groundwater options

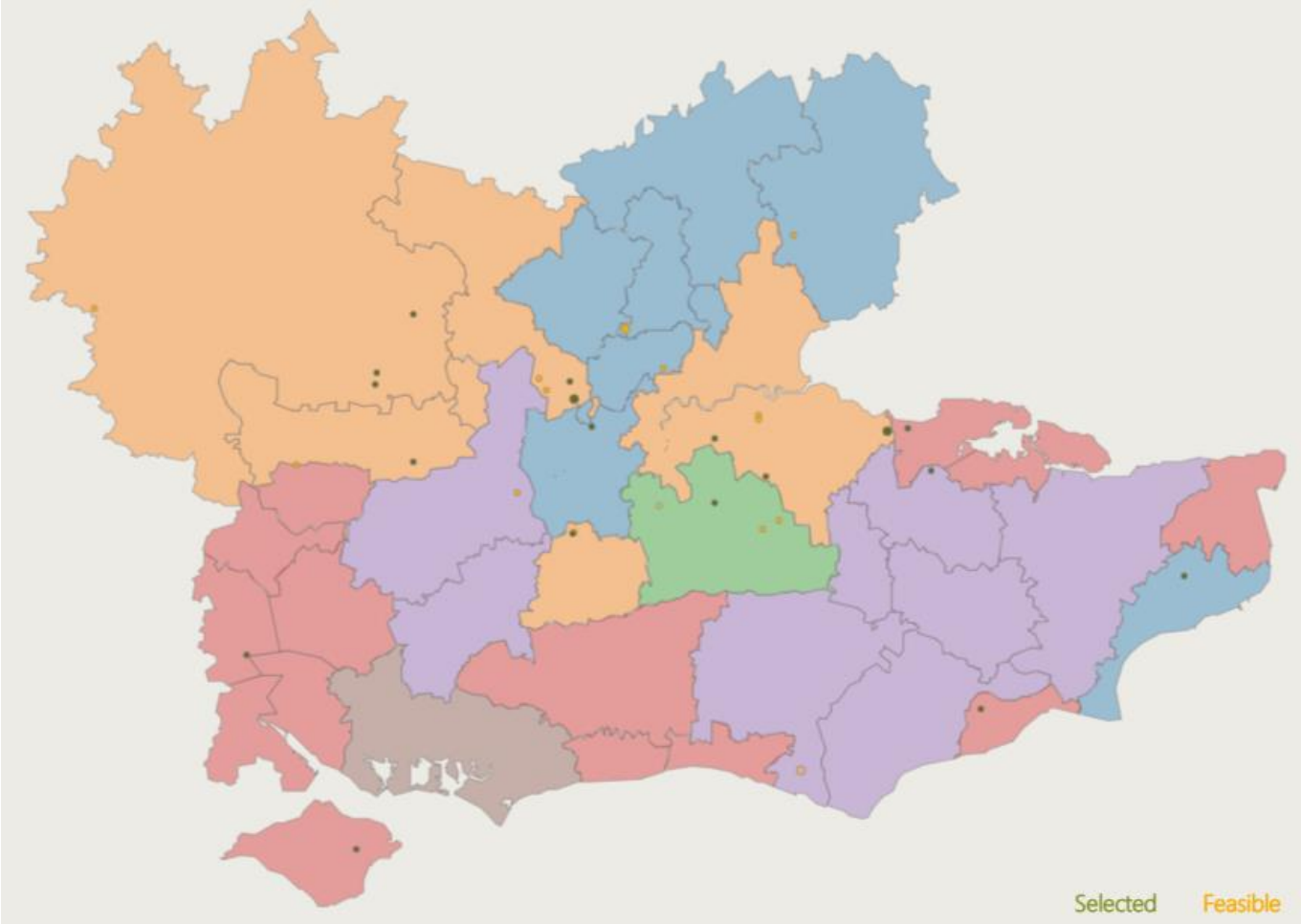


Figure note: Colour of marker indicates status of option in Best Value Plan, situation 4. Size of marker indicates critical period deployable output of option as some groundwater options only provide benefit in the critical period.

Response to regional events

Companies set out in their Drought Plans the actions that they would implement to increase supply and manage demand during drought events. This section summarises those actions that have been included as options within the regional plan.

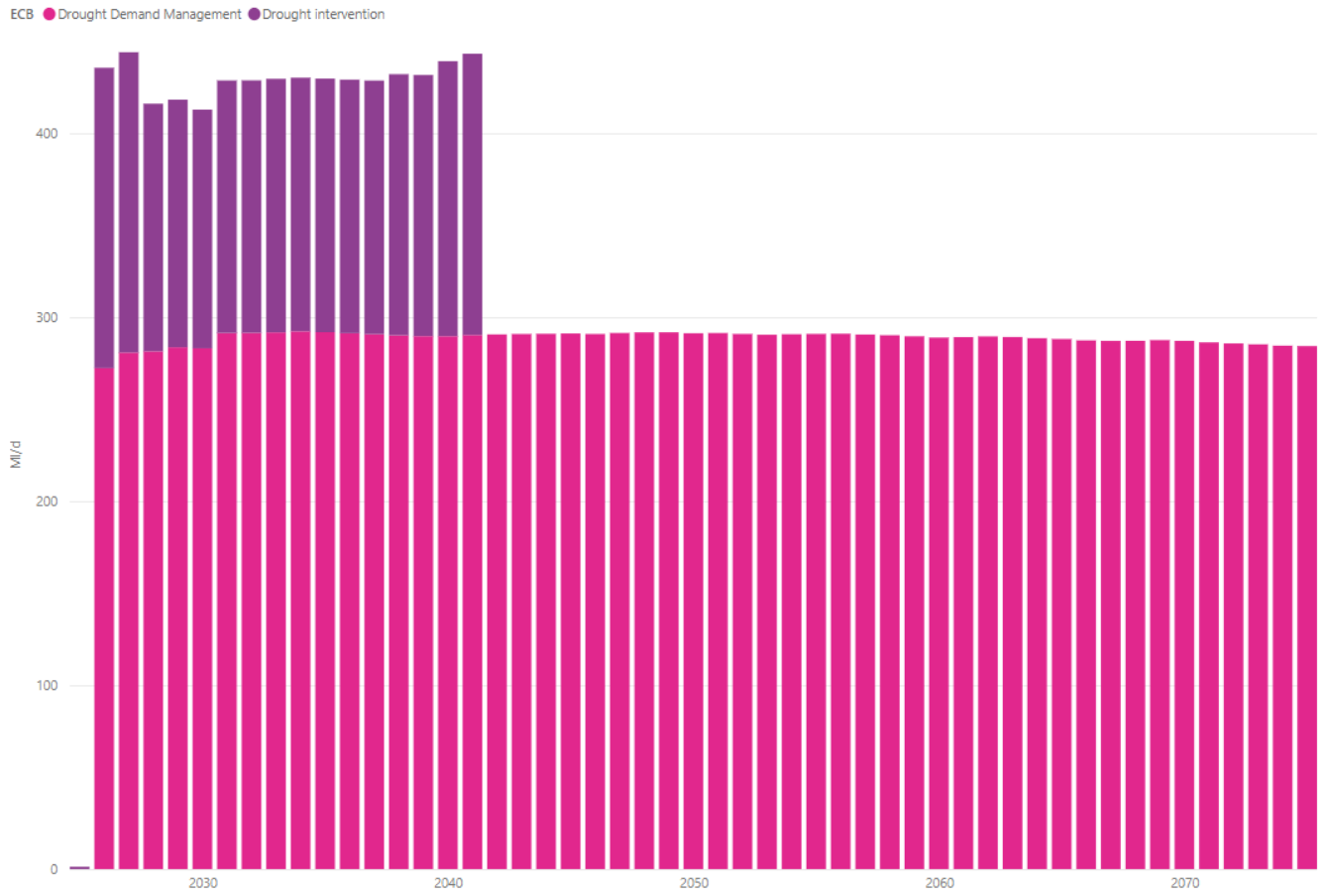
'More before 4' actions (e.g. tankering, and drought orders and permits with major impacts) included in Drought Plans to delay or remove the need for level 4 emergency restrictions (e.g. rota-cuts and standpipes) have not been included in the option list for investment modelling.

Supply side drought actions

The Water Resource Planning Guideline recognises that in the short term companies may need to increase use of drought management options to achieve a 1:500 year level of resilience, but in the medium and longer term the guidance is that companies should, where appropriate, use drought permits and orders less frequently,

particularly in sensitive areas. Water companies have engaged with the Environment Agency around those supply side drought options to include as options to achieve the 1:500 level of resilience. Figure 12 shows how these supply side interventions are included as available in the best value plan until 2041.

Figure 12: Estimate of drought option benefits (Ml/d)



Demand side drought actions

During droughts water companies seek to manage demand for water initially through media campaigns to increase awareness of the drought and the measures that customers can put in place to use water more efficiently. Companies can also put in place temporary use bans (TUBs) to restrict external water use and drought orders to restrict non-essential use (NEUBs) by commercial customers.

The Water Resource Planning Guideline requires that demand side actions such as TUBs and NEUBs be included as options on the feasible list so that they can be appraised alongside other options. Options have been developed that include estimates for the savings from TUBs and NEUBs and Figure 12 shows the profile of these projected savings included in the best value plan.

Green infrastructure

Definitions

The term ‘green infrastructure” is used to define options involving integrated catchment and nature-based solutions to provide water resource benefit and deliver environmental net gain, and to improve resilience. A wide range of options were considered within this category, including catchment management to improve water quality, river restoration options to enhance environmental resilience, changes to fishing practices, Sustainable Urban Drainage Systems (SUDS) and Natural Flood Management (NFM) type solutions. To allow categorisation of options considered by the WRSE companies, ten sub-option types have been defined as shown in Table 3.

Table 3: Definition of the sub-option types applied to catchment options.

Sub-option type	Description
Flow augmentation and licensing	Activities to support river flows including license trading and augmentation, particularly during low flow periods.
Terrestrial habitat creation/management:	The creation and/or management of terrestrial habitat (e.g. woodland, chalk grassland and downland), likely at a landscape scale, may be used to address multiple water quality concerns or promote recharge in source catchments in addition to providing wider environmental and social benefits.
Natural water retention measures (including NFM and wetland creation)	Natural Flood Management (NFM) can be defined as any method by which flood risk is managed using techniques that accommodate the natural features and processes of catchments. Measures can also include those to create and manage flood storage, rural sustainable drainage systems, wetland habitat, or water level management to retain water in catchments. These measures may contribute to groundwater recharge or regulate flows during dry periods and can also be effective for water quality treatment as a secondary benefit.
Fisheries management:	Measures that focus on improving the quality or management of a wild, or managed fishery. For example, this could include providing localised habitat for salmon migration, engaging with fishery users to tackle practices harmful to the environment, and consideration of the operation of water supply to fish farms.
River restoration:	River restoration schemes may include modifying flows by enhancing flow variability, in-river water quality mitigation measures, improving connectivity (such as through the removal of structures or improving fish passage), improving river morphology, assessing and implementing riparian management, or re-engineering channel features such as reprofiling and re-meandering.
Sustainable Urban Drainage Systems (SUDS)	SUDS refer to measures that manipulate and manage surface water in urban areas in ways that mimic natural flow pathways and seek to reduce the quantity of water entering the drainage network and improve water quality, biodiversity and amenity value. These can take the form of a range of interventions in the built environment and for example can alleviate capacity issues in drainage networks, improve the quality of surface runoff and increase groundwater infiltration and thus aquifer recharge.
Nutrient and sediment reduction:	Elevated concentrations of nutrients and sediment (particularly nitrate) can affect our ability to abstract water from rivers and aquifers. Catchment- and local-level nutrient or sediment reduction measures can range from education and awareness, local scale farm management measures (such as manure storage management) and land management (such as cover crops and nutrient management). Often mechanisms will include farmer education and incentivisation schemes. Although typically focused on agriculture, engagement with other landowners and the public can be beneficial (for example the management of septic tanks).
Pesticide reduction:	Elevated concentrations of pesticides can affect our ability to abstract water from rivers and aquifers. Catchment- and local-level pesticide reduction measures can range from education and awareness, local scale farm management measures (such as wash-down areas), land management (such as product usage and precision application). Often mechanisms will include education and incentivisation schemes. Although typically focused on agriculture, engagement with other landowners and the public can be beneficial (for example the use of products in the domestic setting).
Knowledge Exchange, education and agricultural activity:	To encourage land managers to change practices and move towards farming which is more water efficient and can deliver water quality and environmental benefits. These measures would often seek to support an overall aim of improving catchment health and building more resilient environmental and social systems.
Integrated catchment management:	We are moving towards a more systems orientated perspective for the management of the water environment that promotes more holistic and resilient management. In these cases, a combination of catchment interventions could be implemented under one joint plan owned by catchment stakeholders to improve catchment health, including addressing water quality and/or water resource issues. This could consider ecosystem services, being the diverse benefits that we derive from the natural environment. Payment for ecosystem service approaches could be used to incentivise farmers and landowners in exchange for managing their land to provide an ecological service e.g. by reducing soil loss and creating habitat. Funding for this could come from multiple sources and in the future could align with the new Environmental Land Management (ELM) scheme.

Option identification and screening

Catchment options are identified as an important mechanism for delivering water resource resilience. These options have the potential to provide wider environment and social benefits as well as benefits to water resources. A range of catchment options were considered by the WRSE companies at WRMP19 in their unconstrained options lists. However, a high proportion did not pass water company screening for inclusion on the constrained list of options, largely due to uncertainties around quantifying deployable output (DO) benefit. It was also recognised that water companies did not have consistent approaches to identifying and appraising catchment options as part of the WRMP process. Therefore, a Framework has been developed for WRSE to facilitate the identification and appraisal of existing and new catchment options consistently across the water companies.

Catchment options were identified by liaising with WRSE water companies and other stakeholders such as local rivers trusts and catchment partnerships, the Environment Agency and local councils. A database has been designed to capture key information on existing catchment options from each WRSE water company. The database was circulated to water companies in July 2020, with a request to fill in the database with as much relevant information on the options as possible/readily available. Information on all catchment options included in WRMP19, business plans, Drinking Water Safety Plans (DWSPs) and other plans and programmes was requested. A total number of 195 options were identified across the six companies.

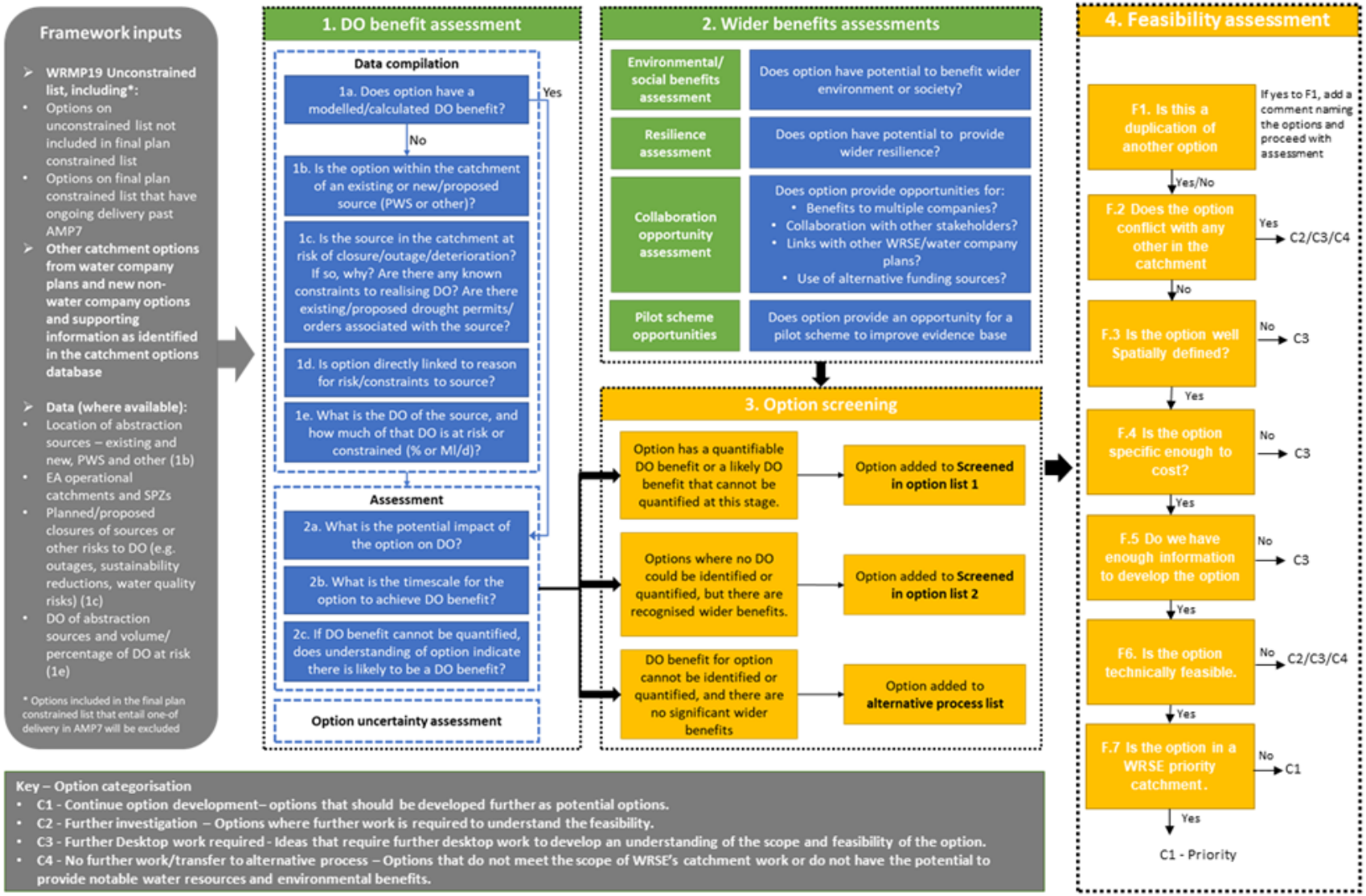
In 2020, the WRSE Catchment Mapping Work Package helped identify additional new options being planned outside of WRSE. This included a number of workshops led by Atkins, to which key stakeholders from relevant catchment were invited. During the workshops opportunities were collated and mapped

A pre-screening assessment was carried out on new options from stakeholders other than water companies, largely to ensure the options brought forward to the full assessment fall within the scope of catchment options and that the option does not have an alternative way of funding

Figure 13 summarises the key steps involved in the catchment options framework and particularly the screening and assessment of the options. The framework is divided into four key steps:

1. DO benefit assessment: Quantitative or qualitative assessment of DO for each option.
2. Wider benefit assessment: Qualitative assessment of wider benefits associated with each option, including, environmental/social benefits assessment, resilience benefits assessment, collaboration opportunity assessment and evaluation of pilot scheme opportunities.
3. Options screening: The outcomes of the DO benefit assessment and Wider benefits assessment are reviewed with the help of a number of questions and each option is screened into one of the four different categories (C1, C2, C3, C4). Options that are classified as C1 will progress to the feasibility assessment. See Figure 13 for definitions of the four categories.
4. Feasibility assessment: The feasibility assessment includes a number of questions, which allows a final screening of the option to ensure that the options selected for further development are:
    a. Not a duplication of another option or conflict with another option within the catchment.
    b. Spatially well defined in terms of location and spatial scale.
    c. Specific enough in terms of scope to allow costing.
    d. Technically feasible.

Figure 13: Catchment options Framework summary



Feasible options

Overview

All the options added to the "Screened in" option lists were taken forward to option development stage. The final screening score determined the level of the development at this point, but all options screened through the framework as C1, C2 or C3 classifications were brought forward to the development stage. This stage included cost estimation and compilation of portfolio's by management catchment.

In total 390 individual options were screened in for further option development; 271 of these were allocated to C1, 45 were allocated to C2 and 74 were allocated to C3. Table 4 summarises the number of options split by option owner and option category.

Table 4: Number of catchment options per option classification and originator

Allocated to	Option owner	C1	C2	C3
Affinity Water	Water company	8	0	6
	Other stakeholders	41	0	4
Portsmouth Water	Water company	17	0	0
	Other stakeholders	8	4	3
SES	Water company	13	0	0
	Other stakeholders	10	0	3
South East	Water company	23	11	1
	Other stakeholders	27	9	14
Southern Water	Water company	15	0	7
	Other stakeholders	17	5	17
Thames Water	Water company	36	0	0
	Other stakeholders	56	16	19
Total		**271**	**45**	**74**

Catchment portfolios

The catchment options were compiled into portfolios by management catchment to compare the proposed options with the specific catchment issues, pressures and characteristics.

All options screened as either C1 or C2 and C3 were brought into the relevant catchment portfolios, including options provided from water companies and stakeholder engagement. Where the management catchment was not clearly defined for an option, or it was assumed that an option would benefit or influence additional management catchments these options were duplicated to appear in all relevant portfolios. The following information was brought into the catchment portfolios:

- Maximum required reductions in abstractions and licences in the catchment
- Top 5 Reasons for Not Achieving Good (RNAGs) status in the catchment
- What issues were raised in the catchment portfolios

- Presence of chalk streams in the catchment?
- Presence of Groundwater Dependent Terrestrial Ecosystems in this catchment?
- How many water bodies achieved good status in the catchment?
- What are the future problems identified in the catchment Proformas?

Each option was assessed with regards to its contribution to current and future catchment challenges, targeting catchment deficits, catchment issues, potential to improve water body status and future problems. A summary is provided in Table 5.

Table 5: Option assessment with regards to its contribution to current and future catchment challenges.

Topic	Description
Catchment Deficits	Assessment of whether the option would support the catchment deficits was completed using ArcMap and evaluation of whether the option was recognised as providing, or potentially providing, a benefit to DO. The benefit to DO does not rely on the quantification of a benefit but would be recognised if the option would support resilience of water bodies to quality and abstraction pressures.
Catchment Issues	This was assessed for each option using professional judgement if there was potential for the option to benefit any of the RNAGs identified for each management catchment. These were flagged if they were contained in the top 5 although all RNAGs were considered and if detail on specific water bodies and related pressures were known this was also recognised. These were identified from the Catchment Explorer website. Similarly, any support of the option to the catchment issues identified in the Atkins led Catchment Workshops were also identified. Justification was added where applicable.
Problem characterisation - benefits towards improved water body status'	This section recognises whether the option could benefit any chalk steams, provide low flow resilience or be beneficial to any Groundwater Dependent Terrestrial Ecosystems (GWDTEs). Examination of specific water bodies, if named was undertaken to assess if the option could benefit any water body that did not achieve good status. If there was no specified water body a professional judgement was made into the potential for this option to influence water body status based on knowledge of the individual catchments. This section also flagged up if there were any additional known issues identified during the screening process and within the catchment proformas which the option could address.
Future Problems	This section evaluated the future problems identified in the catchment proforma, related to climate predictions and socio-economic pressures and if this option could potentially provide resilience or offset these pressures.

All options have been assigned to three different types of portfolios:

- **Portfolio 1 (Standard):** Options were assigned to Portfolio 1 where they were identified to address the deficit, issues and environmental need both now and with any predicted changes into the future. Scale and geographic area were considered when identifying suitable options. For each catchment portfolio an investigation option was added to investigate any dispute in the predicted deficit in the catchment.
- **Portfolio 2 (Upscaled):** Options were assigned to Portfolio 2 if there is a demand to upscale the option to address this need in additional areas in the catchment, and also if this is plausible to do so. For example, a restoration scheme which may be targeting a 1km stretch of the river may be suitable to upscale to target additional stretches or similar water bodies facing similar issues across the catchment. Conversely, a scheme to reduce nitrates in a particular safeguard zone may not be suitable to upscale as it could be assumed that the required target areas have already been identified and therefore, may not be suitable to upscale to additional areas in the catchment.
- **Portfolio 3 (Augmented):** This portfolio included new proposed options if there are any deficit, issues or current/future problems that are not addressed and at the needed scale. Options from adjoining catchments which could be expanded into this catchment or elsewhere in the region were considered during this portfolio. The enhanced uncertainty of these augmented options was represented and most carried forward into the costing methodology as investigations.

Upscaled and Augmented portfolios also included the Standard portfolio options.

Table 6 summarises number of options allocated to Portfolio 1, split by management catchment and water company, with the number in brackets showing total number originating from other stakeholders. The completed Catchment Portfolios were presented to water companies to ensure that there was no conflict with other plans, to understand how they align with water company and stakeholder catchment plans and to evaluate the practicality of the included options being delivered in AMP 8.

As part of the additional screening undertaken through the WRSE programme appraisal process, in collaboration with all the WRSE member water companies, Portfolios 2 and 3 were excluded from optimisation in the investment modelling. At this time, only Portfolio 1 options have been included in the investment modelling, and Portfolio 2 and 3 options have been excluded from optimisation. Whilst Portfolios 2 and 3 may be technically feasible, they are at a very early stage of option development and have not been through individual company options appraisal processes. The options within the portfolios require further development to reduce uncertainty around DO benefits, costs and deliverability, therefore reducing potential risks.

Table 6 Standard portfolio option numbers by catchment and water company

Portfolio	Affinity Water	Portsmouth Water	SES	South East	Southern Water	Thames Water	Total
London	5 (4)		9 (3)			23 (19)	37
Arun and Western Streams		16 (8)		1 (1)	13 (10)		30
Gloucestershire and the Vale						28 (25)	28
Medway			5 (3)	16 (12)	6 (2)	1 (1)	28
Lee Upper	25 (22)						25
Stour	2 (1)			14 (11)	8 (3)		24
Cotswolds						23 (20)	23
Kennet and tributaries					1 (0)	19 (11)	20
Colne	17 (9)					2 ()0	19
Test and Itchen				1 (0)	18 (15)		19
Wey and tributaries	3 (3)			10 (9)		6 (5)	19
East Hampshire		14 (5)		3 (2)			17
Cuckmere and Pevensey Levels				14 (6)	1 (1)		15
Darent and Cray			1 (1)	3 (1)		10 (4)	14
Maidenhead and Sunbury	5 (5)			5 (5)		2 (1)	12
Mole			11 (6)			1 (1)	12
Adur and Ouse				7 (3)	4 (0)		11
Loddon and tributaries				6 (3)		1 (0)	7
Thames and South Chilterns	1 (1)					5 (3)	6
Isle of Wight					4 (3)		4
Kent North				3 (1)	1 (0)		4
Rother				2 (1)	2 (2)		4
Cherwell and Ray						3 (1)	3
New Forest					3 (3)		3
Avon Warwickshire						2 (0)	2
Roding Beam and Ingrebourne	1					1 (1)	2
South East TraC		2 (2)					2
Total	**59**	**32**	**26**	**85**	**61**	**127**	

Cost estimates

A cost estimating tool has been developed to allow a consistent approach to estimation of costs for catchment options. In most cases specific information on the scope, location, and scale of each option was not readily available at this stage. Therefore, the cost estimation methodology adopted during the option development stage was largely relying on assumptions of typical interventions for the broad option types. The use of professional judgement in identifying relevant cost components introduced some degree of subjectivity, however, numerous consistency checks and identified standard components per option type helped to minimise this.

The development of the scope of the options was highly dependent, at this stage, on assumptions for many of the options where limited information was provided. For those options screened as C2/C3 a scope with relevant cost components was not attempted as it is likely that these options will require a thorough scoping study and further desk top work to identify specific measures and spatial extent. In this case the cost of an investigation and project management were included.

For those options screened as C1, dependent on the level of detail available, each individual potential cost component was listed alongside justifications and a summary of assumptions. To aid consistency between options and across water companies each of the potential cost components were selected from a pre-defined list and included elements of project management, staff, engagement costs alongside capital grants, monitoring, data and construction costs. A cost database was developed providing indicative costs for specific cost components. In total, 117 cost components were available with units ranging from £/AMP, £/Ha, £/Unit, £/Scheme, £/Km, £/m^2, £/Catchment, £/Ml and £/year. Cost data was derived from a variety of sources including a combination of information provided from water companies, Environment Agency Cost effective measures database, John Nix, 2019 and estimates sourced from Mott MacDonald. Where multiple sources of cost data were present, data was selected from the cost database in the following way:

1. Where cost data was available from the relevant water company, this was used
2. If this was unavailable, cost data provided by another (anonymised) water company was used; and
3. If water company data was not available then third party (EA, John Nix, MM) cost data was used.

To cost the options, each cost component needed to be assigned an appropriate scale. In most cases, information related to scale of individual options were limited at this stage. Therefore, a pragmatic approach was taken where the scale was estimated based on a number of key assumptions. In most cases the determination of scale was depended on whether the option had been classified as small, standard or large scale as part of the screening process. Within the costing spreadsheet there is also an option to override the automated scale, should option specific information be available.

Multi-sector options

As part of the multi-sector approach to the regional plan WRSE has established a multi-sector group to advise on the needs of water users in the region that are not (either in full, or part) supplied by the water companies. These are also referred to Non-Public Water Supply (non-PWS) users. These users include the agricultural sector, the power industry, industrial users, such as paper mills and the aggregates industry, as well as golf courses across the region. It could also include environmental organisations and canal trusts that hold abstraction licences.

The multi-sector group includes representatives of the sectors with the largest Non-PWS needs in the region. The representatives include:

- RWE
- National Framers Union
- West Sussex Growers
- Uniper Energy
- The Confederation of Paper Industries
- DS Smith
- Mineral Products Association
- Energy UK
- Vitacress
- The Environment Agency
- Canal and Rivers Trust

An online form has been prepared to allow Non-PWS users to inform WRSE of any additional water requirements they may have in the future. The form is available on the WRSE Engagement HQ website and the multi-sector group have raised awareness of it through their membership networks. In addition stakeholders have directly approached WRSE with potential multi-sector options through other means. A summary of the multi-sector options that have been developed is shown in Table 7. A small number of multi-sector options that were proposed by stakeholders were not taken forward and these are listed in Table 8.

Table 7: Summary of multi-sector options included on feasible list

Option	Organisation	Description	Non-PWS benefit	PWS benefit
Thames & Severn East Reservoirs	Cotswold Canals Trust	New water storage to provide water supply for the Cotswold Canals, once they are restored.	25	
Kent water trading	Kent County Council	Development of a water trading platform to make best use of water availability (e.g. water from Hacklinge Marsh that is drained by an IDB pumping station discharging to sea.) Scale-up potential included for 7 Water Resource Zones.	-	
Kent SUDS programme	Kent County Council	SUDS retrofit programme for water resources benefits focusing on coastal towns where the surface water currently enters sewers and that overly either chalk or sandstone aquifers. The main towns are Gravesend, Sittingbourne, Ramsgate and Folkestone. Scale-up potential included for 6 other locations.	0.25	
Aldington flood storage	Southern Water	This option extends the benefits of a flood storage scheme to have additional water resource storage benefits. Scale-up potential included for 3 other locations.	1.1	
Western Rother licence and storage programme	Southern Water	Creation of additional winter farm storage on the Western Rother providing a resource for irrigation in summer and additional PWS benefits from trading abstractions in the autumn.	1.1	0.2

Biddenden Beult - Headwater Wetland Option	South East Rivers Trust	Creation of a wetland habitat with the opportunity to enhance base flows. Scale-up potential included.	-	
Water Harvesting from farm buildings	Southern Water	Water Harvesting from farm buildings reducing combined sewer flows	0.05	

Table 8: Summary of rejected multi-sector options

Option	Organisation	Description	Reason for rejection
Water efficiency education	Royal Horticultural Society	Education in water efficiency, sustainable water use, the effect that designed landscapes and mains water use has on the natural world and the water cycle. In addition, the garden has existing abstraction licences and water demands that are available to be incorporated into the planning of water resources.	Potentially double counting with interventions included in demand management strategies developed by water companies
Green Kent Project	Kent County Council	Collaboration with local authorities on water efficiency for vulnerable households with three objectives: 1) A targeted focus on deprived communities and households with affordability issues; 2) Communications and awareness raising. 3) brokering regional collaboration.	Potentially double counting with interventions included in demand management strategies developed by water companies
Land management to protect and restore recharge in the E Kent Chalk Aquifer	South East Rivers Trust	Land use cover change, attenuation features and improved soil management to improve infiltration and base flow to chalk streams.	Insufficient information to assess the option

Further work is required with potential multi-sector partners to better define the multi-sector options, including the sites for potential scale-up options. Cost estimates and water resource benefits (both for Non-PWS and PWS) are indicative and require further development.

Third party public water supply options

As part of WRMPs companies consider supply and demand management options that involve collaboration with third parties, including transfers between water companies, third party water efficiency schemes, abstraction licence trades and provision of reclaimed water by third parties.

Options for water transfers both between water companies within the WRSE region and from water companies outside the region are described under the Hard Infrastructure heading above. In addition to these transfers between water companies, WRSE member companies have sought offers of resources for Public Water Supply from third parties in the following ways:

1. Water companies have individually sought offers of water resources through third parties, including advertising the need for resources in the Official Journal of the European Union. Companies have also developed and published Bid

Assessment Frameworks which explain how companies will evaluate offers in a fair and consistent manner to other options that may be developed in-house.

2. WRSE set out in March 2020 in its statement on Future water resource requirements for South East England a request for stakeholders to propose potential new options that should be considered in the regional plan.
3. WRSE has also published on its Engagement HQ website a form that can be used by third parties to make offers of potential resource
4. RAPID conducted a gap analysis of strategic resources options and this has been reviewed by WRSE to pick up on options that have been identified that have potential to benefit the region.

A summary of the offers of resource that have been received by WRSE is provided in Table 9, which also sets out WRSE's assessment of the options and the actions that have been taken.

Overall, including transfers, and third party options identified by member water companies over 421 feasible third party options have been identified, of which 199 have been excluded through the process of further screening.

Table 9: Summary of third party options received by WRSE

Option	Organisation	Description	Assessment
RWE raw water purchase	RWE	RWE made an offer through the WRSE stakeholder engagement tool of up to 45Ml/d of resource in the River Thames.	Options have been included by Thames Water and Affinity Water to make full use of the resources offered by RWE
Mendip quarries	Quarry in Mendips	RAPID's gap analysis identified potential for redevelopment of a quarry in the Mendips as a potential reservoir	Pre-feasibility report and Gate 1 submission have been prepared by Wessex Water and South West Water to include the options as a potential resource for either West Country Water Resources, or WRSE. Option has been excluded due to uncertainty around resource availability for WRSE, given projected requirements in the West Country region.
Extreme Drought Resilience Service	Waterlevel	Proposal for sea tankering of water from Norway to London and Kent for use in extreme drought. Includes for insurance premium to cover costs of up to 6 months of daily deliveries of up to 60 Ml/d.	Option has been excluded due to high degree of uncertainty around the costs and benefits of the option, requiring further engagement and development with Waterlevel.
Community water recycling scheme for new developments	Albion Water	Community water recycling scheme for new developments	Water companies are not submitting individual demand management options to WRSE for the regional plan but instead are providing combined demand management strategies. The proposals should be considered by companies as part of delivery of those strategies.
Community engagement	South East Rivers Trust	Collection of suggestions around demand management and catchment management	Water companies are not submitting individual demand management options to WRSE for the regional plan but instead are

			providing combined demand management strategies. The proposals should be considered by companies as part of delivery of those strategies.
Nitrate Treatment	Agua GB	Nitrate treatment solution which could provide cost efficiencies for schemes which require nitrate treatment in the future	Where companies are developing nitrate removal schemes then the option provides an opportunity that could be reviewed by companies when estimating option costs.

Resilience options

The best value regional plan seeks to take account of where water resources infrastructure can contribute to addressing known resilience issues within water resource zones. A series of workshops have been held with water companies to identify resilience risks ("hotspots") in each WRZ and to map them to the following WRSE resilience metrics:

- A3 – Operational complexity and flexibility
- A5 – PWS system connectivity
- R3 – Risk of failure due to physical hazards
- R5 – Catchment / raw water quality risks
- R7 – Risk of failure of supporting services due to exceptional events

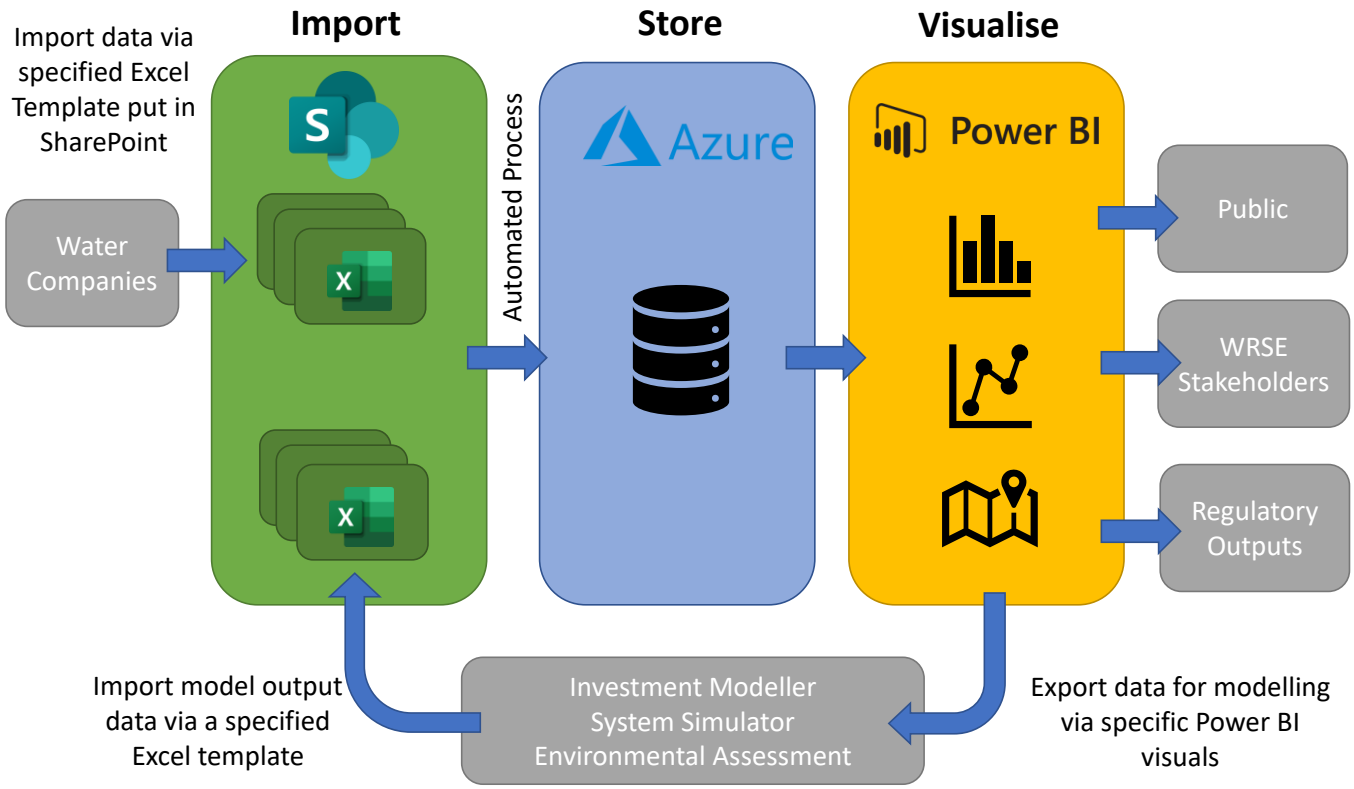
Water Companies have been given the opportunity to identify options that would provide a resilience benefit alone. Seven options were identified by one company and the benefits of these resilience options in terms of the resilience metrics have been assessed and discussed with the company in an online workshop. The resilience benefits (in terms of potential to mitigate existing resilience hotspots) have been assessed for all preferred plan water resource and resilience options

3 Feasible option information

Introduction

A database has been developed to compile key information on options (see Figure 14). Options data is uploaded through excel templates to a Microsoft Azure hosted options database. This information can then be viewed and analysed through Power BI dashboards and is linked to the WRSE investment model. Information has been uploaded on both unconstrained list options that have been rejected as well as on feasible options. For rejected options an option name, description and reason for rejection are included. For feasible options further information is required, a summary of which is tabulated in Appendix 3 of the WRSE Options Appraisal Method Statement. The metrics used to appraise the best value plan are key inputs and this section provides a summary of the metrics and how they have been assessed.

Figure 14: Overview of options database



Cost

Cost estimates for options have been prepared and have been uploaded to the options database using a standard import template. So as to facilitate whole life costing in the investment model the following information has been required:

- **Capital expenditure (capex)** – this is provided as a profile for initial capex and may be broken down into planning, development and construction stages, for real options. Capex profiles are broken down by asset life classes to facilitate modelling of capital maintenance and financing cost calculations, using the Weighted Average Cost of Capital[4] for the option
- **Optimism bias and risk** – in line with the requirements of the HM Treasury Green Book an estimate of the optimism bias adjustment required to capex is provided using an approach that is consistent with that used for Strategic Resource Options. Optimism bias includes an allowance for the proven tendency of costs to be underestimated at the early stages of project development. For non-standard options a

[4] As required by the Water Resources Planning Guidelines the Weighted Average Cost of Capital is based upon the wholesale weighted cost of capital in the PR19 final determinations. This is also uploaded by WRSE member companies to the options database.

quantitative cost risk assessment is also typically undertaken and where specific risks are accounted for then the optimism bias assessment is revisited to account for this.

- **Operating expenditure (opex)** – operating costs are provided, broken down into fixed costs (in £/year) for costs that do not vary with utilisation and variable costs (in £/Ml) for opex (e.g. power and chemicals) that do vary with utilisation. A minimum flow can also be added where an option needs to be maintained at a minimum level of utilisation (e.g. where a sweetening flow is required). An opex saving can also be included where an option results in savings to existing operating costs

Carbon

Estimates of carbon emissions for options have been prepared and have been uploaded to the options database using a standard import template. So as to facilitate whole life costing in the investment model the following information has been required:

- **Capital carbon** is provided as a profile in tonnes CO_2e for the initial option construction. The split of capex between asset life classes is then used to estimate the embodied carbon required for asset replacements.
- **Operational carbon excluding from electricity** is broken down into a profile of fixed operational carbon (in tonnes CO_2e/year) for emissions that do not vary with utilisation and variable carbon (in tonnes CO_2e/Ml) for emissions (e.g. from chemicals) that do vary with utilisation.
- **Emissions from electricity** are calculated in the investment model based upon the estimated power requirement and the grid emissions factors that apply for each year in the planning period. The grid emission factor profiles applied also depend upon whether "Normal Grid", "REGO Grid" or "Generated" is identified in the upload as the source for the electricity. The power requirements are broken down into a profile of fixed electricity (in kWh/year) for electricity requirements that do not vary with utilisation and variable electricity (in kWh/Ml) for emissions that do vary with utilisation.

Where a minimum flow is included for an option then this is used for calculating the minimum level of operational emissions and emissions from electricity.

Resilience metrics

An overview of the resilience metrics is shown in Table 10 and further details are set out in Appendix 1 of the WRSE Resilience Method Statement. Not all of the resilience metrics are assessed at the option level. Metrics R2, R4, A1, A2, A4, A6 and E4 (shown with a blue rectangle in Table 10) are intended to be scored only at the portfolio level either using the Regional System Simulator (RSS), or the Investment Model. The other metrics (shown either with either an orange or pink rectangle in Table 10) have been assessed for individual options. However not all of the options that are assessed at the option level have been assessed against all of these metrics. The PWS options form five distinct groups for the purposes of assessment:

1. **Options that provide a 'supply/demand' benefit.** These options are scored against all metrics (with either an orange or pink rectangle in Table 10) except R6, R8, A5, A7 and E5. The score is evaluated on a 1 to 5 scale for the scheme elements that are required to generate the deployable output benefit, with 1 being least resilient, 3 being a level of

resilience typical of the system currently, and 5 being an option that is significantly more resilient than the existing system. If the scheme is separated into phases of development, then each phase will be assessed. Where there are multiple dependent elements (e.g. resource and conveyance) then the resource score should take account of both aspects and in most cases the 'weakest link' will dictate the score, but where there are storage elements (e.g. feed into a reservoir) then this may provide mitigation. Where there are 'resilience' bulk transmission schemes that are enabled by water resource options (i.e. they are only possible once the associated resource is built), then these are evaluated as additional benefits (based on the existing system resilience problems that they address) and added to the DO scheme scores (e.g. if the DO scheme scores a 3 against R3, but there is an associated pipeline supply that addresses an existing very significant 'hotspot' problem, then the cost of the pipeline scheme can be added and the R3 score for the DO option is increased to a '5').

2. **Demand management options** score against the same metrics as the supply/demand options except that they are also scored against A7.
3. **Intra regional transfer schemes.** These are scored at the portfolio level, providing a benefit against metric A4 – i.e. they enhance the connectivity of the PWS system across the south east.
4. **Options that provide primarily environmental benefits (e.g. catchment management).** These score primarily against metrics R6, R8 and E5, and generally add to the overall score of a portfolio, increasing it by up to +2 points. Where they do have a notable DO benefit then they also score against the other metrics, as described for the other supply/demand balance schemes above
5. '**Resilience only' options** that do not provide a supply/demand benefit, but address known problems in the baseline resilience for either the PWS or non PWS systems. These reflect the value of the underlying 'hotspot' problem that they address (assessed for metrics R3, R5, R7, A3 or A5), generating additional benefits of +1 or +2 to that metric.

Table 10: Overview of metrics

System attribute	RELIABILITY		ADAPTABILITY		EVOLVABILITY	
System Indices		UNCERTAINTY OF PERFORMANCE		TIMING AND WARNING OF EVENTS		FLEXIBILITY AND DIVERSITY OF OPTIONS
Metric	R1	Uncertainty of supply/demand benefit	A1	Expected time to failure (PWS)	E1	Scalability and modularity of interventions
Metric	R2	Breaches of flow and level proxy indicators	A2	Duration of enhanced drought restrictions		
System Indices		ABILITY TO PERSIST WITH PLANNED FUNCTIONS		ABILITY TO RESPOND TO AND RECOVER FROM UNEXPECTED FAILURES		DELIVERABILITY OF PLANNED CHANGES
Metric	R3	Risk of failure due to physical hazards	A3	Operational complexity and flexibility	E2	Intervention lead times
Metric	R4	Availability of additional headroom	A7	Customer engagement with demand restrictions	E3	Reliance on external bodies to deliver change
System Indices		RESILIENCE OF SUPPORTING SERVICES		SYSTEM CONNECTIVITY AND EASE OF SYSTEM RECOVERY		MONITORING AND MANAGEMENT OF CHANGE
Metric	R5	Catchment / raw water quality risks	A5	PWS system connectivity	E4	Flexibility of planning pathways
Metric	R6	Capacity of catchment services	A4	WRZ connectivity	E5	Collaborative landscape management
			A6	Inter-catchment connectivity		
Metric	R7	Risk of failure of supporting service due to exceptional events	**Metric applied to:** Public water supply; Non-public water supply; Environment	★ Evaluated for the baseline system as well as for investment options	**Metric calculated by:** Semi-qualitative subjective scale; Calculated (at option and portfolio level); Calculated (only as part of portfolio)	
Metric	R8	Soil health				

The approach to assessing the options against the resilience metrics was carried out in conjunction with water company representatives. A generic resilience score was generated for each option based on the option type. The generic resilience scores for each option type were assessed in relation to a "norm" of this option type and its anticipated effect on resilience.

The semi-qualitative metrics (shown with the orange rectangle on Table 10) were initially assessed at the option type level. The option type scores were reviewed by water companies and then applied to the individual options.

For the calculated metrics (shown with the pink rectangle on Table 10) the following approaches were used:

- R5 – involves firstly an assessment using catchment risk assessments to score the option on a 1-5 scale based upon vulnerability to water quality events. The score may then be increased by either +1 or +2 if the option improves resilience to catchment water quality risks
- A5 – scores have been assessed specifically for resilience only options and also at portfolio level to identify impacts on hotspots that relate to Single Points of Failure (SPOFs)
- E2 – intervention lead times from the options database were used to apply scores

Following the initial option scoring each water company and SRO team were issued with the details of the scores for each of their options and feedback was invited. Each water company and SRO team were then invited to undertake an in-depth review workshop of the options to identify bespoke scores. Bespoke scores were applied for options which could be shown to provide a significant difference in resilience to the "norm" of that option type. i.e. options were compared to other options of that type and not other options types.

Environmental metrics

To support the options appraisal process an environmental assessment of the regional plan feasible options was undertaken which included:

- Strategic Environmental Assessment (SEA)
- Habitats Regulations Assessment (HRA) Test of Likely Significance
- Water Framework Directive (WFD) Level 1 Assessments
- Natural Capital Assessment
- Biodiversity Net Gain Assessment (BNG)
- Invasive Non-Native Species Assessment (INNS)

The Regional Plan is not a statutory plan and there is currently no legal requirement for the preparation of the SEA. However, the Water Resources National Framework –Annex 2: Regional Planning, states that Regional Plans should comply with SEA legislation. WRSE have therefore, followed the SEA approach to align with this guidance, help develop a sustainable Regional Plan and inform the SEAs of the water company WRMPs. Based on the level and scale of the information available at this stage, the SEA is considered to be a robust assessment of the WRSE Regional Plan in order to support the WRMPs.

The methodology for undertaking the environmental assessment has followed the appropriate guidance including the WRPG and supplementary guidance 'Environment and Society in Decision-Making' and legislative requirements for SEA, HRA and WFD.

To fully integrate environmental considerations into the options decision-making process, the results of the environmental assessments were translated into four environmental metrics which were included in the investment modelling:

- SEA positive
- SEA negative
- Natural Capital value (£/yr)
- Net change in BNG units

The detailed methodologies and results of the environmental assessments are reported in the WRSE Draft Regional Plan Environmental Report (Mott MacDonald, October 2022) . A summary of the environmental assessment process is provided below.

SEA

The SEA Directive requires plans and programmes to undergo an environmental assessment to determine the likely significant effects on issues such as biodiversity, climatic factors, human health, population, historic environment (including archaeology), air, material assets, landscape and water. SEA works to inform the decision-making process through the identification and assessment of significant and cumulative effects a plan or programme may have on the environment. Each of the supply and demand water resource options were assessed using the SEA objectives and assessment criteria to determine positive and negative construction and operational effects. For the purposes of the investment modelling the SEA results were translated into numerical values. The SEA metrics consisted of a positive score and a minus score pre mitigation and included the results of the Habitat

Regulations Assessment (HRA), Water Framework Directive (WFD) assessment and Invasive Non-Native Species (INNS) risk assessments.

HRA

The Water Resource Planning Guideline (WRPG) stipulates that regional plans and their component options should be subject to HRA Screening (Test of Likely Significance) and where likely significant effects (LSE) are identified, further Appropriate Assessment should then take place. A likely effect would be considered significant if it could undermine integrity and/or the conservation objectives and/or qualifying features of a Natura 2000 site. Each option was screened for LSE prior to any mitigation being included, options that were deemed to have uncertain or likely significant effects, either individually or in combination were identified for the further assessment through the next stage of the HRA process (Appropriate Assessment). The Appropriate Assessment will be undertaken as part of the WRMPs. The HRA Test of Likely Significance outcomes were included as part of the SEA and contributed to the development of the SEA metrics.

WFD

The Water Framework Directive (WFD) is European Union legislation which is retained post Brexit and requires all waterbodies, both surface and groundwater to achieve 'good status or potential'. The Directive also requires that waterbodies experience no deterioration in status or potential. The Level 1 WFD assessment undertaken for the Draft Regional Plan followed these steps:

- Identify affected water bodies
- Identify possible impacts
- Apply embedded mitigation measures
- Calculate a screening score (which screened out waterbodies and options with no or minor effects)

Options with moderate or major predicted effects were identified for further assessment (Level 2 WFD assessment). The Level 2 WFD assessments will be undertaken as part of the WRMPs. The results of the WFD Level 1 assessments were incorporated into the SEA and associated SEA metrics.

Natural Capital Assessment (NCA) and Biodiversity Net Gain (BNG)

The Water Resource Planning Guideline states that Water Resource Management Plans (WRMPs) should "use natural capital in decision-making and provide environmental net gain through their WRMPs". Using Defra's Enabling a Natural Capital Approach (ENCA) the assessment included the valuation of natural capital assets and ecosystem services within the footprint of each option and their zone of influence.

The assessment methodology used the most relevant qualitative, quantitative and/or monetary valuation approaches for the NCA. The assessment of the option's impact on the natural capital metrics (or ecosystem services) was undertaken in a sequential manner with an initial qualitative assessment, followed by a quantitative analysis and finally a monetised assessment if enough confidence existed in the values. The Natural Capital metric constituted a single discreet monetised value reported in £/year generated by combining the outputs of each of the six monetised natural capital metrics to provide a single cost / benefit figure.

A biodiversity baseline was developed from spatial data sets of habitat inventories and assessed in line with the DEFRA BNG metric 2.0 which was used to calculate BNG change through land use of each option. As this assessment was carried out using only open-source data a precautionary approach was applied, presuming that

where not specifically known, habitats will be assigned the maximum habitat score. This provided a consistent approach and allows for the individual water companies to utilise this work within their own WRMPs and supplement the open-source habitat data with local datasets or Phase 1 site data to increase the accuracy of calculations for each option if selected. The Biodiversity net gain metric consisted of a single score for each option being the difference between the BNG units after the implementation of the option, less the BNG baseline units uplifted by 10%.

INNS

An Invasive Non-Native Species (INNS) risk assessment was undertaken for each option based on option type and included into the SEA and associated SEA metrics. Those options identified as having high or moderate INNS risk will undergo further investigation as part of the WRMP process.

Appendix A – Feasible option list

Option ID	Option Name	Option type	Option status
SES_gov-led b hybrid	Demand Management Strategy - Government Led (Hybrid B)	Water efficiency customer education / awareness	Preferred
SES_r10_group	Transfer from Merton (TW) to SES Boundary at 15Ml/d	External potable bulk supply/transfer	Preferred
SES_SES_EF-CRE_ALL_ALL_b smart meter_med	Business Smart Metering (2000 props) - high scenario	Metering compulsory	Preferred
SES_SES_EF-CRE_ALL_ALL_smart meter_med	Smart Metering	Metering other selective	Preferred
SES_SES_EF-LKR_ALL_ALL_lea alc_med	Leakage Active Leakage Control	Active leakage management	Preferred
SES_SES_EF-LKR_ALL_ALL_lea_ar_med	Leakage Asset Replacement	Mains replacement (not trunk mains)	Preferred
SES_SES_EF-LKR_ALL_ALL_lea_pm_med	Leakage Pressure Management	Pressure management	Preferred
SES_SES_EF-WEF_ALL_ALL_b audits_med	Business Audits (2000 props) - high scenario	Household water audit	Preferred
SES_SES_EF-WEF_ALL_ALL_b tariffs_med	Business Tariffs (2000 props) - high scenario	Tariff	Preferred
SES_SES_EF-WEF_ALL_ALL_gwf_med	Get Water Fit	Retrofitting indoor water efficiency devices	Preferred
SES_SES_EF-WEF_ALL_ALL_home visits_med	Home Visits inc installations	Retrofitting indoor water efficiency devices	Preferred
SES_SES_EF-WEF_ALL_ALL_schools pro_med	Schools Outreach Programme	Water efficiency customer education / awareness	Preferred
SES_SES_EF-WEF_ALL_ALL_tariffs_med	Innovative Tariffs	Tariff	Preferred
SES_SES_HI-GRW_ALL_ALL_r22	Outwood Lane borehole - licence increase	New groundwater	Preferred
SES_SES_HI-GRW_ALL_ALL_r23	Duckpit Wood borehole - replacement	New groundwater	Feasible
SES_SES_HI-GRW_ALL_ALL_r7	Water Lane borehole - increased pump capacity & pesticide treatment	New groundwater	Feasible
SES_SES_HI-LRE_ALL_ALL_r26	Secombe Centre borehole - additional treatment	Water treatment works loss recovery	Feasible
SES_SES_HI-ROC_ALL_ALL_r1	Bough Beech reservoir - raising	Water treatment works capacity increase	Preferred
SES_SES_RE-DRP_REP_ALL_hackbridge-dp	Hackbridge drought permit (to 2041)	Drought permits/orders	Preferred
SES_SES_RE-DRP_REP_ALL_ken-pur-dp	Kenley and Purley drought permit (to 2041)	Drought permits/orders	Preferred
SES_SES_RE-DRP_REP_ALL_outwood-dp	Outwood Lane drought permit (to 2041)	Drought permits/orders	Preferred
SES_SES_RE-DRP_REP_ALL_river-eden-maydp	River Eden May drought permit (to 2041)	Drought permits/orders	Preferred
SES_SES_RE-DRP_REP_ALL_river-eden-summerdp	River Eden Summer drought permit (to 2041)	Drought permits/orders	Preferred
SES_SES_RE-OTH_REP_ALL_neub	Non-Essential Use Ban (NEUB)	Drought - water use restrictions	Preferred
SES_SES_RE-OTH_REP_ALL_tub	Temporary Use Ban (TUB)	Drought - water use restrictions	Preferred
SES_SNZ_HI-TFR_SES_ALL_outwood-turner p 10	Outwood To Turners Hill: 10Ml/d (Reverse)	External potable bulk supply/transfer	Preferred
SESRO_STR_HI-RSR_RE1_CNO_abingdon150(lon)	All: New Reservoir Abingdon 150 Mm3 (100%)	New reservoir	Refined Feasible
SES_cm_p1_darent cray	Catchment Management P1 - Darent and Cray	Catchment management	Feasible
SES_cm_p1_london	Catchment Management P1 - London	Catchment management	Feasible
SES_cm_p1_medway	Catchment Management P1 - Medway	Catchment management	Feasible
SES_cm_p1_mole	Catchment Management P1 - Mole	Catchment management	Feasible
SES_SES_EF-LKR_ALL_ALL_dmp ses high	Demand Management Strategy - High	Other water efficiency	Feasible
SES_SES_HI-GRW_ALL_ALL_r2	Wandle Valley borehole - Artificial Recharge extension 1	Aquifer recharge/Aquifer storage recovery	Feasible
SES_SES_HI-GRW_ALL_ALL_r21	Wandle Valley borehole - Artificial Recharge extension 2	Aquifer recharge/Aquifer storage recovery	Feasible
SES_SES_HI-GRW_ALL_ALL_r3	Kingswood borehole - Artificial Recharge (chalk)	Aquifer recharge/Aquifer storage recovery	Feasible
SES_SES_HI-GRW_ALL_ALL_r4	Kingswood borehole - Artificial Recharge (lower greendsand)	Aquifer recharge/Aquifer storage recovery	Feasible
SES_SES_HI-ROC_ALL_ALL_r24	Duckpit Wood borehole - additional treatment	Water treatment works capacity increase	Feasible
SES_SES_HI-ROC_ALL_ALL_r8	The Clears borehole - additional treatment	Water treatment works capacity increase	Feasible
SES_SES_HI-ROC_NET_ALL_cheam t-outwoo p 15	Transfer from Cheam WTW to Outwood SR via Woodmansterne WTW at 15Ml/d	Trunk mains renewal/new	Feasible
SES_SES_HI-TFR_RZ2_ALL_r14	Transfer from Maidenbower/Whitely Hill (SEW RZ2) to Outwood PS at 5Ml/d	External potable bulk supply/transfer	Feasible
SES_SES_HI-TFR_RZ2_ALL_r15	Transfer from Maidenbower/Whitely Hill (SEW RZ2) to Outwood PS at 10Ml/d	External potable bulk supply/transfer	Feasible
SESRO_STR_HI-RSR_RE1_CNO_abingdon100(lon)	All: Reservoir Abingdon 100 Mm3	New reservoir	Preferred
SESRO_STR_HI-RSR_RE1_CNO_abingdon125(lon)	All: Reservoir Abingdon 125 Mm3	New reservoir	Refined Feasible
SESRO_STR_HI-RSR_RE1_CNO_abingdon30+100p1	New Reservoir - SESRO 30+100Mm3 - Phase 1: All Companies	New reservoir	Refined Feasible
SESRO_STR_HI-RSR_RE1_CNO_abingdon75(lon)	All: Reservoir Abingdon 75 Mm3	New reservoir	Refined Feasible
SESRO_STR_HI-RSR_RE1_CNO_abingdon80+42p1	New Reservoir - SESRO 80+42Mm3 - Phase 1: All Companies	New reservoir	Refined Feasible
SESRO_STR_HI-RSR_RE2_CNO_abingdon30+100p2	New Reservoir - SESRO 30+100mm3 - Phase 2: All Companies	New reservoir	Refined Feasible
SESRO_STR_HI-RSR_RE2_CNO_abingdon80+42p2	New Reservoir - SESRO 80+42Mm3 - Phase 2: All Companies	New reservoir	Refined Feasible
SES_cm_p2_darent cray	Portfolio 2 (Upscaled): Darent and Cray	Catchment management	Refined Feasible
SES_cm_p2_london	Portfolio 2 (Upscaled): London	Catchment management	Refined Feasible
SES_cm_p2_medway	Portfolio 2 (Upscaled): Medway	Catchment management	Refined Feasible
SES_cm_p2_mole	Portfolio 2 (Upscaled): Mole	Catchment management	Refined Feasible
SES_cm_p3_darent cray	Portfolio 3 (Augmented): Darent and Cray	Catchment management	Refined Feasible
SES_cm_p3_london	Portfolio 3 (Augmented): London	Catchment management	Refined Feasible
SES_cm_p3_medway	Portfolio 3 (Augmented): Medway	Catchment management	Refined Feasible
SES_cm_p3_mole	Portfolio 3 (Augmented): Mole	Catchment management	Refined Feasible
SES_r9_group	Transfer from Merton (TW) to SES Boundary at 30Ml/d	External potable bulk supply/transfer	Refined Feasible
SES_SES_EF-LKR_ALL_ALL_dmp ses gov-led a hy	Demand Management: Gov-led A Hybrid	Water efficiency customer education / awareness	Refined Feasible
SES_SES_EF-LKR_ALL_ALL_dmp ses gov-led c hy	Demand Management: Gov-led C Hybrid	Water efficiency customer education / awareness	Refined Feasible
SES_SES_EF-LKR_ALL_ALL_dmp ses gov-led d hy	Demand Management: Gov-led D Hybrid	Water efficiency customer education / awareness	Refined Feasible
SES_SES_EF-LKR_ALL_ALL_dmp ses gov-led e hy	Demand Management: Gov-led E Hybrid	Water efficiency customer education / awareness	Refined Feasible
SES_SES_EF-LKR_ALL_ALL_dmp ses gov-led f hy	Demand Management: Gov-led F Hybrid	Water efficiency customer education / awareness	Refined Feasible
SES_SES_EF-LKR_ALL_ALL_dmp ses gov-led g hy	Demand Management: Gov-led G Hybrid	Water efficiency customer education / awareness	Refined Feasible
SES_SES_EF-LKR_ALL_ALL_dmp ses gov-led high	Demand Management: Gov-led High	Water efficiency customer education / awareness	Refined Feasible
SES_SES_EF-LKR_ALL_ALL_dmp ses gov-led medi	Demand Management: Gov-led Medium	Water efficiency customer education / awareness	Refined Feasible
SES_SES_EF-LKR_ALL_ALL_dmp ses low	Demand Management Strategy - Low	Other water efficiency	Refined Feasible
SES_SES_EF-TFR_REP_ALL_lon rm @ -cheam p	Transfer from London Ring Main (TW) to Cheam WTW at 50 Ml/d	External potable bulk supply/transfer	Refined Feasible
SES_SES_HI-GRW_ALL_ALL_n5	Lower Mole groundwater abstraction at Leatherhead - additional	New groundwater	Refined Feasible
SES_SES_HI-ROC_NET_ALL_cheam t-outwoo p 50	Transfer from Cheam WTW to Outwood SR via Woodmansterne WTW at 50Ml/d	Trunk mains renewal/new	Refined Feasible
SES_SES_RE-DRP_ALL_ALL_hackbridge-dp_v2	Hackbridge drought permit (to 2051)	Drought permits/orders	Refined Feasible
SES_SES_RE-DRP_ALL_ALL_hackbridge-dp_v3	Hackbridge drought permit (to 2046)	Drought permits/orders	Refined Feasible
SES_SES_RE-DRP_ALL_ALL_hackbridge-dp_v4	Hackbridge drought permit (to 2036)	Drought permits/orders	Refined Feasible
SES_SES_RE-DRP_ALL_ALL_hackbridge-dp_v5	Hackbridge drought permit (no end)	Drought permits/orders	Refined Feasible
SES_SES_RE-DRP_ALL_ALL_ken-pur-dp_v2	Kenley and Purley drought permit (to 2051)	Drought permits/orders	Refined Feasible
SES_SES_RE-DRP_ALL_ALL_ken-pur-dp_v3	Kenley and Purley drought permit (to 2046)	Drought permits/orders	Refined Feasible
SES_SES_RE-DRP_ALL_ALL_ken-pur-dp_v4	Kenley and Purley drought permit (to 2036)	Drought permits/orders	Refined Feasible
SES_SES_RE-DRP_ALL_ALL_ken-pur-dp_v5	Kenley and Purley drought permit (no end)	Drought permits/orders	Refined Feasible
SES_SES_RE-DRP_ALL_ALL_outwood-dp_v2	Outwood Lane drought permit (to 2051)	Drought permits/orders	Refined Feasible
SES_SES_RE-DRP_ALL_ALL_outwood-dp_v3	Outwood Lane drought permit (to 2046)	Drought permits/orders	Refined Feasible
SES_SES_RE-DRP_ALL_ALL_outwood-dp_v4	Outwood Lane drought permit (to 2036)	Drought permits/orders	Refined Feasible
SES_SES_RE-DRP_ALL_ALL_outwood-dp_v5	Outwood Lane drought permit (no end)	Drought permits/orders	Refined Feasible
SES_SES_RE-DRP_ALL_ALL_river-eden-maydp_v2	River Eden May drought permit (to 2051)	Drought permits/orders	Refined Feasible
SES_SES_RE-DRP_ALL_ALL_river-eden-maydp_v3	River Eden May drought permit (to 2046)	Drought permits/orders	Refined Feasible
SES_SES_RE-DRP_ALL_ALL_river-eden-maydp_v4	River Eden May drought permit (to 2036)	Drought permits/orders	Refined Feasible
SES_SES_RE-DRP_ALL_ALL_river-eden-maydp_v5	River Eden May drought permit (no end)	Drought permits/orders	Refined Feasible
SES_SES_RE-DRP_ALL_ALL_river-eden-sumdp_v2	River Eden Summer drought permit (to 2051)	Drought permits/orders	Refined Feasible
SES_SES_RE-DRP_ALL_ALL_river-eden-sumdp_v3	River Eden Summer drought permit (to 2046)	Drought permits/orders	Refined Feasible
SES_SES_RE-DRP_ALL_ALL_river-eden-sumdp_v4	River Eden Summer drought permit (to 2036)	Drought permits/orders	Refined Feasible
SES_SES_RE-DRP_ALL_ALL_river-eden-sumdp_v5	River Eden Summer drought permit (no end)	Drought permits/orders	Refined Feasible
SES_SNZ_HI-TFR_SES_ALL_outwood-turner p 100	Outwood To Turners Hill: 100Ml/d (Reverse)	External potable bulk supply/transfer	Refined Feasible
SES_SNZ_HI-TFR_SES_ALL_outwood-turner p 50	Outwood To Turners Hill: 50Ml/d (Reverse)	External potable bulk supply/transfer	Refined Feasible
SES_walton-elmer p	Walton to Elmer: 10Ml/d	External potable bulk supply/transfer	Refined Feasible
SES_woodmanst-epsom do p reverse	Epsom Downs to Woodmansterne WTW	External potable bulk supply/transfer	Refined Feasible
SES_SES_EF-LKR_ALL_ALL_dmp ses gov-led low	Demand Management: Gov-led Low	Water efficiency customer education / awareness	Refined Feasible
AFW_AZ3_HI-IMP_AZ3_ALL_guc3 50 phase 1 lb	GUC option 3 50 Ml/d phase 1 LB	External raw water bulk supply/transfer	Preferred
AFW_AZ3_HI-IMP_AZ3_ALL_guc3 50 phase 2 lb	GUC option 3 50 Ml/d phase 2 LB	External raw water bulk supply/transfer	Preferred
AFW_AZ4_HI-GRW_ALL_ALL_crtslough	Canals & Rivers Trust Slough	New groundwater	Preferred
AFW_AZ4_HI-OTH_ALL_ALL_conftradeiver4	Didcot Iver 4 Confidential Trading Option	Licence trading	Preferred
AFW_AZ4_HI-ROC_WT1_PLA_iver_2_wtw	New Iver 2 WTW Planning Stage	Water treatment works capacity increase	Preferred
AFW_AZ4_HI-RSR_ALL_ALL_brentreservoirtransf	Brent Reservoir Transfer to Iver	New reservoir	Preferred
AFW_AZ4_HI-TFR_AZ6_ALL_egham2iver2040	Egham to Iver 50MLD (Supply 2040)	Internal potable transfer	Preferred
AFW_AZ5_HI-GRW_ALL_ALL_epping	Epping Scheme	Aquifer recharge/Aquifer storage recovery	Preferred
AFW_AZ6_HI-GRW_ALL_ALL_eghamlgs	Egham LGS	New groundwater	Preferred
AFW_AZ7_EF-TFR_REP_ALL_extimpdealaz7res	Existing Import Southern to AZ7 (Deal)	External potable bulk supply/transfer	Preferred
AFW_AZ7_HI-DES_ALL_ALL_desalinationplantc	Desalination Plant (Option C) - Hythe beach wells (2Ml/d; 15 m deep) blending onsite with	Desalination	Feasible
AFW_AZ7_HI-DES_ALL_ALL_hythebeachwellsrodes	Hythe Beach Wells RO Desal (brackish water)	Desalination	Preferred
AFW_AZ7_HI-GRW_ALL_ALL_tappingtonsouth	Tappington South	New groundwater	Preferred

Option ID	Option Name	Option type	Option status
AFW_AZ7_HI-LRE_ALL_ALL_broome	Broome	Water treatment works loss recovery	Feasible
AFW_AZ7_HI-REU_ALL_ALL_doverdocksreservoir	Dover Docks Reservoir - Broomfield Banks Effluent Reuse	Water reuse	Preferred
AFW_AZ7_HI-REU_ALL_ALL_hytheeffluentreuse	Hythe Effluent Reuse Scheme	Water reuse	Preferred
AFW_AZ7_HI-ROC_ALL_ALL_doverconstraintremov	Dover Constraint Removal	Water treatment works capacity increase	Preferred
AFW_AZ7_HI-TFR_RZ8_ALL_aldingtontosaltwood6	Aldington to Saltwood Import Increase by 6 Ml/d	External potable bulk supply/transfer	Preferred
AFW_AZ7_HI-TFR_RZ8_ALL_barhamimportincreas4	Barham Import Increase (of 4Ml/d) to 6 Ml/d	External potable bulk supply/transfer	Preferred
AFW_AZ7_HI-TFR_RZ8_ALL_extimpbaraz7	Existing Import South-East to AZ7 (Barham)	External potable bulk supply/transfer	Preferred
AFW_cm_p1_colne	Portfolio 1 (Standard): Colne	Catchment management	Preferred
AFW_gov-led b hybrid	Demand Management: Gov-led B Hybrid	Water efficiency customer education / awareness	Preferred
AFW_neubs	Non-essential use bans	Drought - water use restrictions	Preferred
AFW_RA4_HI-TFR_UTC_CNO_ltr_2a_conv100_p1	Lower Thames Reservoir Transfer 2a 100 Ml/d to New Iver 2 WTW Phase 1	External raw water bulk supply/transfer	Preferred
AFW_RA4_HI-TFR_UTC_CNO_ltr_2a_conv100_p2	Lower Thames Reservoir Transfer 2a 100 Ml/d to New Iver 2 WTW Phase 2	Internal raw water transfer	Preferred
AFW_RA4_HI-TFR_UTC_PLA_ltr_2a_conv	Lower Thames Reservoir Transfer 2a Planning	External raw water bulk supply/transfer	Preferred
AFW_STR_HI-RSR_RE1_CNO_abingdon150(lon)	New Reservoir - SESRO 150Mm3 (AFW: 30%)	New reservoir	Refined Feasible
AFW_STT_HI-RAB_RE1_ALL_p10-300-vyrnwy_180_b	STT 300: Vyrnwy Reservoir river release (75 Mld) and additional 30 to make 105 of Bypass	External raw water bulk supply/transfer	Feasible
AFW_STT_HI-RAB_RE1_ALL_p7-300-vyrnwy_135_b	STT 300: Vyrnwy Reservoir river release (75 Mld) and additional 35 to make 60 of Bypass (1	External raw water bulk supply/transfer	Feasible
AFW_STT_HI-RAB_RE1_ALL_p8-300-vyrnwy_155_b	STT 300: Vyrnwy Reservoir river release (75 Mld) and additional 15 to make 75 of Bypass (1	External raw water bulk supply/transfer	Feasible
AFW_STT_HI-RAB_RE1_ALL_p9-300-vyrnwy_100_b	STT 300: Vyrnwy Reservoir river release (75 Mld) and 25 Mld of Bypass (105Mld) (AFW: 7%	External raw water bulk supply/transfer	Feasible
AFW_STT_HI-REU_RE1_ALL_p11-300-min_115_p2	STT 300: Minworth STW effluent diversion (115Mld) - phase 2 (AFW: 7%)	External raw water bulk supply/transfer	Feasible
AFW_STT_HI-REU_RE1_ALL_p5-300-neth_p35	STT 300: 300 Ml/d Pipe, Netheridge & Unsupported (AFW: 7%)	External raw water bulk supply/transfer	Feasible
AFW_STT_HI-REU_RE1_ALL_p7-300-minworth_115	STT 300: Minworth STW effluent diversion (115Mld) - phase 1 (AFW: 7%)	External raw water bulk supply/transfer	Feasible
AFW_tra-1-2-existing	Existing transfer AZ1 to AZ2 resource	Internal potable transfer	Preferred
AFW_tra-1-3-existing	Existing transfer AZ1 to AZ3	Internal potable transfer	Preferred
AFW_tra-1-4	Existing transfer AZ1 to AZ4	Internal potable transfer	Preferred
AFW_tra-2-1	Existing transfer AZ2 to AZ1 resource	Internal potable transfer	Preferred
AFW_tra-2-4-existing	Existing transfer AZ2 to AZ4 resource	Internal potable transfer	Preferred
AFW_tra-3-1	Existing transfer AZ3 to AZ1 resource	Internal potable transfer	Preferred
AFW_tra-3-4	Existing transfer AZ3 to AZ4 resource	Internal potable transfer	Preferred
AFW_tra-3-5-existing	Existing transfer AZ3 to AZ5 resource	Internal potable transfer	Preferred
AFW_tra-4-1	Existing transfer AZ4 to AZ1 resource	Internal potable transfer	Preferred
AFW_tra-4-2	Ickenham 2 Resource	Internal potable transfer	Preferred
AFW_tra-4-2-existing	Existing transfer AZ4 to AZ2 resource	Internal potable transfer	Preferred
AFW_tra-4-6	Existing transfer AZ4 to AZ6 resource	Internal potable transfer	Preferred
AFW_tra-4a-3	Arkley North Resource	Internal potable transfer	Preferred
AFW_tra-6-4-existing	Existing transfer AZ6 to AZ4 resource	Internal potable transfer	Preferred
AFW_tra-cockfoscon	Cockfosters TWUL existing connection	External potable bulk supply/transfer	Preferred
AFW_tra-pericon	Perivale TWUL existing connection	External potable bulk supply/transfer	Preferred
AFW_tra-soukent-deal	Deal resource	External potable bulk supply/transfer	Preferred
AFW_tra-twul-4-existing	Existing Import Thames to AZ4 (Fortis Green, Hampstead Lane, Sunnymeads)	External potable bulk supply/transfer	Preferred
AFW_tra-twul-6-existing	Existing Import Thames to AZ6 (Ladymead)	External potable bulk supply/transfer	Preferred
AFW_tubs	Temporary use bans	Drought - water use restrictions	Preferred
AFW_wt_group	Kent water trading 2	Licence trading	Feasible
AFW_XXX_EF-CRE_ALL_ALL_behavioural change	Behaviour change in response to smart metering	Metering compulsory	Preferred
AFW_XXX_EF-CRE_ALL_ALL_nhh reductions	Non household demand reduction programme	Metering other selective	Preferred
AFW_XXX_EF-CRE_ALL_ALL_wastage reductions	Reduction in wastage following installation of smart meter	Metering compulsory	Preferred
AFW_XXX_EF-LKR_ALL_ALL_leakage	Leakage reduction programme	Other leakage control	Preferred
AFW_XXX_EF-WEF_ALL_ALL_hwecs	Demand reduction from Home Water Efficency Checks	Household water audit	Preferred
AFW_AZ1_HI-TFR_AZ2_ALL_boxtedtoshake10bd	Boxted to Shakespeare Road 10MLD bidirectional (WRSE)	Internal potable transfer	Feasible
AFW_AZ1_HI-TFR_AZ2_ALL_boxtedtoshake30bd	Boxted to Shakespeare Road 30MLD bidirectional (WRSE)	Internal potable transfer	Feasible
AFW_AZ1_HI-TFR_AZ2_ALL_boxtedtoshakebd	Boxted to Shakespeare Road 20MLD bidirectional	Internal potable transfer	Feasible
AFW_AZ1_HI-TFR_AZ3_ALL_boxtedtochaule40bd	Boxted to Chaul End 40MLD bidirectional	Internal potable transfer	Feasible
AFW_AZ1_HI-TFR_AZ3_ALL_boxtedtochaule60bd	Boxted to Chaul End 60MLD bidirectional (WRSE)	Internal potable transfer	Feasible
AFW_AZ1_HI-TFR_AZ3_ALL_bulls g-boxted p 100	Bulls Green to Boxted Hemel Hempstead: 100Ml/d	Internal potable transfer	Feasible
AFW_AZ1_HI-TFR_AZ3_ALL_bulls g-boxted p 50	Bulls Green to Boxted Hemel Hempstead: 50Ml/d	Internal potable transfer	Feasible
AFW_AZ2_HI-GRW_ALL_ALL_ruislnorththreat	Ruislip & Northwood Treatment Scheme	New groundwater	Feasible
AFW_AZ2_HI-ROC_NET_ALL_colneinternaltrans	Hemel road to Shakespeare reservoir	Trunk mains renewal/new	Feasible
AFW_AZ2_HI-TFR_AZ1_ALL_boxt2shakealtcap10	Boxted to Shakespeare Road 10MLD (WRSE)	Internal potable transfer	Feasible
AFW_AZ2_HI-TFR_AZ1_ALL_boxt2shakealtcap30	Boxted to Shakespeare Road 30MLD (WRSE)	Internal potable transfer	Feasible
AFW_AZ2_HI-TFR_AZ1_ALL_boxtedtoshakespearer	Boxted to Shakespeare Road	Internal potable transfer	Feasible
AFW_AZ3_HI-IMP_AZ3_ALL_guc3 100 lb	GUC option 3 100 Ml/d LB	External raw water bulk supply/transfer	Feasible
AFW_AZ3_HI-IMP_AZ3_ALL_guc3 50 lb	GUC option 3 50 Ml/d LB	External raw water bulk supply/transfer	Feasible
AFW_AZ3_HI-ROC_NET_ALL_bullsgreentosacombe	Bulls Green to Sacombe additional trunk main (10Ml/d)	Trunk mains renewal/new	Feasible
AFW_AZ3_HI-ROC_NET_ALL_chaulendtopreston	Chaul End to Preston	Trunk mains renewal/new	Feasible
AFW_AZ3_HI-ROC_NET_ALL_northmymms100	North Mymms Bidirectional 100	Trunk mains renewal/new	Feasible
AFW_AZ3_HI-ROC_NET_ALL_northmymms50	North Mymms to Bulls Green 50MLD	Trunk mains renewal/new	Feasible
AFW_AZ3_HI-ROC_NET_CNO_nthm_to_brkp_conv50	North Mymms to Brookmans Park 50 Ml/d	Trunk mains renewal/new	Feasible
AFW_AZ3_HI-ROC_WT1_CNO_new_nmymms_wtw_50	Beckton Resue Indirect 50 Ml/d to New North Mymms WTW	External raw water bulk supply/transfer	Feasible
AFW_AZ3_HI-ROC_WT1_CNO_new_nmymms_wtw_50_p1	Beckton Resue Indirect 100 Ml/d to New North Mymms WTW 50 Ml/d Phase 1	External raw water bulk supply/transfer	Feasible
AFW_AZ3_HI-ROC_WT1_CNO_new_nmymms_wtw_50_p2	Beckton Resue Indirect 100 Ml/d to New North Mymms WTW 50 Ml/d Phase 2	External raw water bulk supply/transfer	Feasible
AFW_AZ3_HI-RSR_ALL_ALL_edlesboroughreservoi	Edlesborough Reservoir	New reservoir	Feasible
AFW_AZ3_HI-RSR_ALL_ALL_honeywickryereserv	Honeywick Rye Reservoir	New reservoir	Feasible
AFW_AZ3_HI-TFR_AZ4_ALL_iver2bullsgtrans100	Iver 2 to Bulls Green transfer 100MLD (WRSE)	Internal potable transfer	Feasible
AFW_AZ3_HI-TFR_AZ4_ALL_iver2bullsgtrans50	Iver 2 to Bulls Green transfer 50MLD (WRSE)	Internal potable transfer	Feasible
AFW_AZ3_HI-TFR_AZ5_ALL_bullsgtohm20bd	Bulls Green to Hadham Mill 20MLD bidirectional (WRSE)	Internal potable transfer	Feasible
AFW_AZ3_HI-TFR_AZ5_ALL_bullsgtohm50bd	Bulls Green to Hadham Mill 50MLD bidirectional	Internal potable transfer	Feasible
AFW_AZ3_RE-TFR_ALL_ALL_lowerfields3rddrywin	Lowerfields supply -3rd dry winter	Internal potable transfer	Feasible
AFW_AZ4_HI-OTH_ALL_ALL_conftradeiver16	Didcot Iver 16 Confidential Trading Option	Licence trading	Feasible
AFW_AZ4_HI-ROC_NET_ALL_blackfordrelifticken	Blackford re-lift to Ickenham BPS	Trunk mains renewal/new	Feasible
AFW_AZ4_HI-ROC_NET_ALL_ivertoharefield	Iver transfer to Harefield	Trunk mains renewal/new	Feasible
AFW_AZ4_HI-ROC_NET_ALL_ivertoharrowtoarkley	Iver to Harrow to Arkley	Trunk mains renewal/new	Feasible
AFW_AZ4_HI-ROC_NET_ALL_iveruptransharrow	Iver Upgrade and Transfer to Harrow	Trunk mains renewal/new	Feasible
AFW_AZ4_HI-ROC_NET_CNO_iver_to_hfld_conv100	Iver to Harefield 100 Ml/d	Trunk mains renewal/new	Feasible
AFW_AZ4_HI-ROC_NET_CNO_iver_to_hfld_conv50	Iver to Harefield 50 Ml/d	Trunk mains renewal/new	Feasible
AFW_AZ4_HI-TFR_AZ2_ALL_busheytoarkley	Bushey to Arkley	Internal potable transfer	Feasible
AFW_AZ4_HI-TFR_AZ2_ALL_claylane2arkley2040	Clay Lane to Arkley (Supply 2040)	Internal potable transfer	Feasible
AFW_AZ4_HI-TFR_AZ6_ALL_egh2iveraltcap75	Egham to Iver 75MLD (WRSE)	Internal potable transfer	Feasible
AFW_AZ4_HI-TFR_AZ6_ALL_egham2hareprv2040	Egham to Harefield umbrella (Supply 2040)	Internal potable transfer	Feasible
AFW_AZ4_HI-TFR_AZ6_ALL_egham2iver22	Egham to Iver 22MLD	Internal potable transfer	Feasible
AFW_AZ4_HI-TFR_AZ6_ALL_eghamamp8	Egham AMP8	Internal potable transfer	Feasible
AFW_AZ4_HI-TFR_AZ6_ALL_wrz6towrz4reinforce	WRZ6 Hatton Cross to WRZ4 Reinforcement	Internal potable transfer	Feasible
AFW_AZ5_HI-GRW_ALL_ALL_nrharlow	Scheme near Harlow	New groundwater	Feasible
AFW_AZ5_HI-ROC_ALL_ALL_dunmowres2040	Dunmow reservoir (Supply 2040 Placeholder)	Water treatment works capacity increase	Feasible
AFW_AZ5_HI-ROC_NET_ALL_hadmilltosib	Hadham Mill to Sibleys	Trunk mains renewal/new	Feasible
AFW_AZ5_HI-ROC_NET_ALL_springtobishstor	Springwood to Bishops Stortford	Trunk mains renewal/new	Feasible
AFW_AZ5_HI-ROC_NET_ALL_uttlesfordbtosibleys	Uttlesford Bridge to Sibleys Link Main	Trunk mains renewal/new	Feasible
AFW_AZ5_HI-RSR_ALL_ALL_eppingreservoir	Epping Reservoir	New reservoir	Feasible
AFW_AZ5_HI-RSR_ALL_ALL_stortreservoir	Stort new reservoir	New reservoir	Feasible
AFW_AZ5_HI-TFR_AZ3_ALL_bullsg2hadaltcap20	BullsG to HM Resource	Internal potable transfer	Feasible
AFW_AZ5_HI-TFR_AZ3_ALL_bullsgreentohadham	BullsG to HM Resource	Internal potable transfer	Feasible
AFW_AZ5_HI-TFR_AZ3_ALL_preston-sibley p 100	Preston to Sibleys: 100Ml/d	Internal potable transfer	Feasible
AFW_AZ5_HI-TFR_AZ3_ALL_preston-sibley p 50	Preston to Sibleys: 50Ml/d	Internal potable transfer	Feasible
AFW_AZ6_HI-GRW_ALL_ALL_eghamasr	Egham ASR	Aquifer recharge/Aquifer storage recovery	Feasible
AFW_AZ6_HI-OTH_ALL_ALL_conftradeegham4	Didcot Egham 4 Confidential Trading Option	Licence trading	Feasible
AFW_AZ6_HI-ROC_ALL_ALL_chertseyreservoirupg	Chertsey WTW upgrade (10Ml/d)	Water treatment works capacity increase	Feasible
AFW_AZ6_HI-ROC_ALL_ALL_egham182peak	Egham 182 Peak Scheme	Water treatment works capacity increase	Feasible
AFW_AZ6_HI-RSR_ALL_ALL_westendreservoir	West End Reservoir	New reservoir	Feasible
AFW_AZ6_HI-TFR_AZ4_ALL_egham2iver10bd	Egham to Iver 10MLD bidirectional	Internal potable transfer	Feasible
AFW_AZ6_HI-TFR_AZ4_ALL_egham2iver30bd	Egham to Iver 30MLD bidirectional	Internal potable transfer	Feasible

Option ID	Option Name	Option type	Option status
AFW_AZ7_EF-TFR_REP_ALL_barhamcontinue2020	Barham Continuation (After 2019/20)	External potable bulk supply/transfer	Feasible
AFW_AZ7_EF-TFR_REP_ALL_dealcontinue2020	Deal import continuation after 2020	External potable bulk supply/transfer	Feasible
AFW_AZ7_EF-TFR_REP_ALL_dealhighextension	Deal import increase after 2020	External potable bulk supply/transfer	Feasible
AFW_AZ7_HI-ROC_ALL_ALL_hillsres2040	Hills Reservoir (Supply 2040 Placeholder)	Water treatment works capacity increase	Feasible
AFW_AZ7_HI-ROC_NET_ALL_ayleshamresilmain	Aylesham resilience main	Trunk mains renewal/new	Feasible
AFW_AZ7_HI-TFR_RZ8_ALL_aldingtontosaltwood3	Aldington to Saltwood Import Increase by 3 Ml/d	External potable bulk supply/transfer	Feasible
AFW_AZ7_HI-TFR_RZ8_ALL_barhamimportincreas2	Barham Import Increase (of 2Ml/d) to 4 Ml/d	External potable bulk supply/transfer	Feasible
AFW_brookp-resource	Brook Park to Eppin Res	Internal potable transfer	Feasible
AFW_cm_p1_upper lee	Portfolio 1 (Standard): Upper Lee	Catchment management	Feasible
AFW_harefield-clay lan p	Potable Resource for Harefield to Clay Lane	Internal potable transfer	Feasible
AFW_preston-resource	Preston to Uttleford Bridge	Internal potable transfer	Feasible
AFW_pres-westonh	Jacks Hill to Weston Hills	Trunk mains renewal/new	Feasible
AFW_RA4_HI-TFR_TED_CNO_tedd_dra_conv100	Teddington DRA 100 Ml/d to New Harefield WTW Phase 1	External raw water bulk supply/transfer	Feasible
AFW_RA4_HI-TFR_TED_CNO_tedd_dra_conv100_p2	Teddington DRA 100 Ml/d to New Harefield WTW Phase 2	External raw water bulk supply/transfer	Feasible
AFW_RA4_HI-TFR_TED_CNO_tedd_dra_conv50	Teddington DRA 50 Ml/d to New Harefield WTW	External raw water bulk supply/transfer	Feasible
AFW_RA4_HI-TFR_UTC_CNO_ltr_2a_conv50	Lower Thames Reservoir Transfer 2a 50 Ml/d to New Iver 2 WTW	External raw water bulk supply/transfer	Feasible
AFW_RA4_HI-TFR_UTC_CNO_ltr_2a_conv50_p2	Lower Thames Reservoir Transfer 2a 50 Ml/d to New Iver 2 WTW Phase 2	Internal raw water transfer	Feasible
AFW_RA4_HI-TFR_UTC_CNO_maidenhead_conv100_p1	Maidenhead 1 100 Ml/d to New Harefield WTW Phase 1	External raw water bulk supply/transfer	Feasible
AFW_RA4_HI-TFR_UTC_CNO_maidenhead_conv100_p2	Maidenhead 1 100 Ml/d to New Harefield WTW Phase 2	External raw water bulk supply/transfer	Feasible
AFW_RA4_HI-TFR_UTC_CNO_maidenhead_conv50	Maidenhead 1 50 Ml/d to New Harefiled WTW	External raw water bulk supply/transfer	Feasible
AFW_RA4_HI-TFR_UTC_CNO_sunnymeads_1_conv50	Sunnymeads 1 50 Ml/d to New Harefield WTW	External raw water bulk supply/transfer	Feasible
AFW_RA4_HI-TFR_UTC_CNO_sunnymeads2a_conv100_p1	Sunnymeads 2a 100 Ml/d to New Iver 2 WTW Phase 1	External raw water bulk supply/transfer	Feasible
AFW_RA4_HI-TFR_UTC_CNO_sunnymeads2a_conv100_p2	Sunnymeads 2a 100 Ml/d to New Iver 2 WTW Phase 2	External raw water bulk supply/transfer	Feasible
AFW_RA4_HI-TFR_UTC_CNO_sunnymeads2a_conv50	Sunnymeads 2a 50 Ml/d to New Iver 2 WTW	External raw water bulk supply/transfer	Feasible
AFW_STR_HI-RSR_RE1_CNO_abingdon100(lon)	New Reservoir - SESRO 100Mm3 (AFW: 30%)	New reservoir	Preferred
AFW_STR_HI-RSR_RE1_CNO_abingdon125(lon)	New Reservoir - SESRO 125Mm3 (AFW: 30%)	New reservoir	Refined Feasible
AFW_STR_HI-RSR_RE1_CNO_abingdon30+100p1	New Reservoir - SESRO 30+100Mm3 - Phase 1: (AFW: 30%)	New reservoir	Refined Feasible
AFW_STR_HI-RSR_RE1_CNO_abingdon75(lon)	New Reservoir - SESRO 75Mm3 (AFW: 30%)	New reservoir	Refined Feasible
AFW_STR_HI-RSR_RE1_CNO_abingdon80+42p1	New Reservoir - SESRO 80+42Mm3 - Phase 1: (AFW: 30%)	New reservoir	Refined Feasible
AFW_STR_HI-RSR_RE2_CNO_abingdon30+100p2	New Reservoir - SESRO 30+100mm3 - Phase 2: (AFW: 30%)	New reservoir	Refined Feasible
AFW_STR_HI-RSR_RE2_CNO_abingdon80+42p2	New Reservoir - SESRO 80+42Mm3 - Phase 2: (AFW: 30%)	New reservoir	Refined Feasible
AFW_STT_HI-RAB_RE1_ALL_c10-300-vyrnwy_180_b	STT Canal: Vyrnwy Reservoir river release (75 Mld) and additional 30 to make 105 of Bypas	External raw water bulk supply/transfer	Feasible
AFW_STT_HI-RAB_RE1_ALL_c7-300-vyrnwy_135_b	STT Canal: Vyrnwy Reservoir river release (75 Mld) and additional 35 to make 60 of Bypass	External raw water bulk supply/transfer	Feasible
AFW_STT_HI-RAB_RE1_ALL_c8-300-vyrnwy_155_b	STT Canal: Vyrnwy Reservoir river release (75 Mld) and additional 15 to make 75 of Bypass	External raw water bulk supply/transfer	Feasible
AFW_STT_HI-RAB_RE1_ALL_c9-300-vyrnwy_100_b	STT Canal: Vyrnwy Reservoir river release (75 Mld) and 25 Mld of Bypass (105Mld) (AFW: 7	External raw water bulk supply/transfer	Feasible
AFW_STT_HI-RAB_RE1_ALL_p10-400-vyrnwy_180_b	STT 400: Vyrnwy Reservoir river release (75 Mld) and additional 30 to make 105 of Bypass	External raw water bulk supply/transfer	Feasible
AFW_STT_HI-RAB_RE1_ALL_p10-500-vyrnwy_180_b	STT 500: Vyrnwy Reservoir river release (75 Mld) and additional 30 to make 105 of Bypass	External raw water bulk supply/transfer	Preferred
AFW_STT_HI-RAB_RE1_ALL_p7-400-vyrnwy_135_b	STT 400: Vyrnwy Reservoir river release (75 Mld) and additional 35 to make 60 of Bypass (	External raw water bulk supply/transfer	Feasible
AFW_STT_HI-RAB_RE1_ALL_p7-500-vyrnwy_135_b	STT 500: Vyrnwy Reservoir river release (75 Mld) and additional 35 to make 60 of Bypass (	External raw water bulk supply/transfer	Preferred
AFW_STT_HI-RAB_RE1_ALL_p8-400-vyrnwy_155_b	STT 400: Vyrnwy Reservoir river release (75 Mld) and additional 15 to make 75 of Bypass (	External raw water bulk supply/transfer	Feasible
AFW_STT_HI-RAB_RE1_ALL_p8-500-vyrnwy_155_b	STT 500: Vyrnwy Reservoir river release (75 Mld) and additional 15 to make 75 of Bypass (	External raw water bulk supply/transfer	Preferred
AFW_STT_HI-RAB_RE1_ALL_p9-400-vyrnwy_100_b	STT 400: Vyrnwy Reservoir river release (75 Mld) and 25 Mld of Bypass (105Mld) (AFW: 7%	External raw water bulk supply/transfer	Feasible
AFW_STT_HI-RAB_RE1_ALL_p9-500-vyrnwy_100_b	STT 500: Vyrnwy Reservoir river release (75 Mld) and 25 Mld of Bypass (105Mld) (AFW: 7%	External raw water bulk supply/transfer	Preferred
AFW_STT_HI-REU_RE1_ALL_c11-300-min_115_p2	STT Canal: Minworth STW effluent diversion (115Mld) - phase 2 (AFW: 7%)	External raw water bulk supply/transfer	Feasible
AFW_STT_HI-REU_RE1_ALL_c3-300-neth_c35	STT Canal: Canal, Unsupported & Netheridge (AFW: 7%)	External raw water bulk supply/transfer	Feasible
AFW_STT_HI-REU_RE1_ALL_c7-300-minworth_115	STT Canal: Minworth STW effluent diversion (115Mld) - phase 1 (AFW: 7%)	External raw water bulk supply/transfer	Feasible
AFW_STT_HI-REU_RE1_ALL_p11-400-min_115_p2	STT 400: Minworth STW effluent diversion (115Mld) - phase 2 (AFW: 7%)	External raw water bulk supply/transfer	Feasible
AFW_STT_HI-REU_RE1_ALL_p11-500-min_115_p2	STT 500: Minworth STW effluent diversion (115Mld) - phase 2 (AFW: 7%)	External raw water bulk supply/transfer	Preferred
AFW_STT_HI-REU_RE1_ALL_p5-400-neth_p35	STT 400: 400 Ml/d Pipe, Netheridge & Unsupported (AFW: 7%)	External raw water bulk supply/transfer	Feasible
AFW_STT_HI-REU_RE1_ALL_p5-500-neth_p35	STT 500: 500Ml/d Pipe, Netheridge & Unsupported (AFW: 7%)	External raw water bulk supply/transfer	Preferred
AFW_STT_HI-REU_RE1_ALL_p7-400-minworth_115	STT 400: Minworth STW effluent diversion (115Mld) - phase 1 (AFW: 7%)	External raw water bulk supply/transfer	Feasible
AFW_STT_HI-REU_RE1_ALL_p7-500-minworth_115	STT 500: Minworth STW effluent diversion (115Mld) - phase 1 (AFW: 7%)	External raw water bulk supply/transfer	Preferred
AFW_suds_group	Kent SUDS programme Folkestone	Catchment management	Feasible
AFW_swox_to_hrfld_grp_100_p1	Sunnymeads to Harefield Phase 1	External raw water bulk supply/transfer	Feasible
AFW_swox_to_hrfld_grp_100_p2	Sunnymeads to Harefield Phase 2	External raw water bulk supply/transfer	Feasible
AFW_tra-1-3	Boxted to Chaul End 60MLD (WRSE)	Internal potable transfer	Feasible
AFW_tra-1-3v2	Boxted to Chaul End (Supply 2040)	Internal potable transfer	Feasible
AFW_tra-1-3v3	Boxted to Sundon Park (Strat B)	Internal potable transfer	Feasible
AFW_tra-1a-4	Harefield to Heronsgate Bidirectional resource 2040	Internal potable transfer	Feasible
AFW_tra-3-2	WRZ3 Supply 2040 Resource	Internal potable transfer	Feasible
AFW_tra-4a-1	WRZ4 resource	Internal potable transfer	Feasible
AFW_tra-4b-1	WRZ4 Supply 2040 Resource	Internal potable transfer	Feasible
AFW_tra-4b-3	Iver WRZ4 Resource	Internal potable transfer	Feasible
AFW_tra-twul-4b	Fortis Green (Increase Import).	External potable bulk supply/transfer	Feasible
AFW_a2at-nr-wrz3-100	A2AT SLR to Preston to Bulls Green: 100Ml/d	External potable bulk supply/transfer	Refined Feasible
AFW_a2at-nr-wrz3-50	A2AT SLR to Preston to Bulls Green: 50Ml/d	External potable bulk supply/transfer	Refined Feasible
AFW_a2at-nr-wrz5-100	A2AT SLR to WRZ5 100MLD	External potable bulk supply/transfer	Refined Feasible
AFW_a2at-nr-wrz5-50	A2AT SLR to WRZ5 50MLD	External potable bulk supply/transfer	Refined Feasible
AFW_AZ1_EF-LKR_ALL_ALL_dmp az1 low	Demand Basket Low Misbourne	Other water efficiency	Refined Feasible
AFW_AZ1_HI-ROC_NET_ALL_amersham2bov2040	Amersham to Bovingdon (Supply 2040 Placeholder)	Trunk mains renewal/new	Refined Feasible
AFW_AZ1_HI-ROC_NET_ALL_bov2boxted2040	Bovingdon to Boxted (Supply 2040 Placeholder)	Trunk mains renewal/new	Refined Feasible
AFW_AZ1_HI-ROC_NET_ALL_heronsgate2am2040	Heronsgate to Amersham (Supply 2040 placeholder)	Trunk mains renewal/new	Refined Feasible
AFW_AZ1_HI-ROC_NET_ALL_heronsgate2bov2040	Heronsgate to Bovingdon (Supply 2040 Placeholder)	Trunk mains renewal/new	Refined Feasible
AFW_AZ1_RE-DRP_ALL_ALL_amershammisbcatchdrp	Amersham Misbourne Catchment Drought Permit	Drought permits/orders	Refined Feasible
AFW_AZ1_RE-DRP_ALL_ALL_piccottsendgadedrp	Piccotts End Gade Catchment Drought Permit	Drought permits/orders	Refined Feasible
AFW_AZ2_EF-LKR_ALL_ALL_dmp az2 low	Demand Basket Low Colne	Other water efficiency	Refined Feasible
AFW_AZ2_HI-REU_ALL_ALL_blackbirdsstw	Blackbirds STW	Water reuse	Refined Feasible
AFW_AZ2_HI-ROC_NET_ALL_friar2stonecross2040	Friar Wash to Stonecross (Supply 2040 Placeholder)	Trunk mains renewal/new	Refined Feasible
AFW_AZ3_EF-LKR_ALL_ALL_dmp az3 low	Demand Basket Low Lee	Other water efficiency	Refined Feasible
AFW_AZ3_HI-ROC_NET_ALL_brookman2bulls2040	Brookmans Park to Bulls Green (Supply 2040 Placeholder)	Trunk mains renewal/new	Refined Feasible
AFW_AZ3_HI-ROC_NET_ALL_localbps2040	Local BPS supporting Markyate (Supply 2040 Placeholder)	Trunk mains renewal/new	Refined Feasible
AFW_AZ3_HI-ROC_NET_ALL_west2wicker2040	Weston Hills to Wicker Hall (Supply 2040 Placeholder)	Trunk mains renewal/new	Refined Feasible
AFW_AZ3_HI-ROC_NET_CNO_nthm_to_brkp_conv100	North Mymms to Brookmans Park 100 Ml/d	Trunk mains renewal/new	Refined Feasible
AFW_AZ3_RE-DRP_ALL_ALL_fullingmillmimramdrp	Fulling Mill Mimram Catchment Drought Permit	Drought permits/orders	Refined Feasible
AFW_AZ3_RE-DRP_ALL_ALL_runleywoodcatchdrp	Runleywood Catchment Drought Permit	Drought permits/orders	Refined Feasible
AFW_AZ3_RE-DRP_ALL_ALL_whitehallbeanecatcrp	Whitehall Beane Catchment Drought Permit	Drought permits/orders	Refined Feasible
AFW_AZ4_EF-LKR_ALL_ALL_dmp az4 low	Demand Basket Low Pinn	Other water efficiency	Refined Feasible
AFW_AZ4_HI-OTH_ALL_ALL_conftradeiver20	Didcot Iver 20 Confidential Trading Option	Licence trading	Refined Feasible
AFW_AZ4_HI-ROC_NET_ALL_ickenham2harrow2040	Ickenham to Harrow (Supply 2040 Placeholder)	Trunk mains renewal/new	Refined Feasible
AFW_AZ5_EF-LKR_ALL_ALL_dmp az5 low	Demand Basket Low Stort	Other water efficiency	Refined Feasible
AFW_AZ5_EF-TFR_ALL_ALL_braintreetosibleys	Braintree to Sibleys	External potable bulk supply/transfer	Refined Feasible
AFW_AZ5_EF-TFR_ALL_ALL_brentwoodtoharlow	Brentwood to Harlow transfer	External potable bulk supply/transfer	Refined Feasible
AFW_AZ5_EF-TFR_ALL_ALL_lowersfieldimportinc	Lowersfield Bulk Import Increase	External potable bulk supply/transfer	Refined Feasible
AFW_AZ5_HI-ROC_NET_ALL_hadham2silverley2040	Hadham to Silver Leys (Supply 2040 Placeholder)	Trunk mains renewal/new	Refined Feasible
AFW_AZ5_HI-ROC_NET_ALL_silver2sibleys2040	Silver Leys to Sibleys (Supply 2040 Placeholder)	Trunk mains renewal/new	Refined Feasible
AFW_AZ5_RE-DRP_ALL_ALL_thundridgeribcatdrp	Thundridge Rib Catchment Drought Permit	Drought permits/orders	Refined Feasible
AFW_AZ6_EF-LKR_ALL_ALL_dmp az6 low	Demand Basket Low Wey	Other water efficiency	Refined Feasible
AFW_AZ7_EF-LKR_ALL_ALL_dmp az7 low	Demand Basket Low Dour	Other water efficiency	Refined Feasible
AFW_AZ7_HI-ROC_NET_ALL_denton2broome2040	Denton to Broome (Supply 2040 Placeholder)	Trunk mains renewal/new	Refined Feasible
AFW_AZ7_HI-TFR_RZ8_ALL_canterb-barham p 15	Canterbury (Broad Oak) to Barham: 15Ml/d	External potable bulk supply/transfer	Refined Feasible
AFW_AZ7_HI-TFR_RZ8_ALL_canterb-barham p 20	Canterbury (Broad Oak) to Barham: 20Ml/d	External potable bulk supply/transfer	Refined Feasible
AFW_AZ7_HI-TFR_RZ8_ALL_canterb-barham p 30	Canterbury (Broad Oak) to Barham: 30Ml/d	External potable bulk supply/transfer	Refined Feasible
AFW_AZ7_RE-DRP_ALL_ALL_bucklandmilldourdrp	Buckland Mill Dour Catchment Drought Permit	Drought permits/orders	Refined Feasible
AFW_AZ7_RE-DRP_ALL_ALL_drellingoredourdrp	Drellingore Dour Catchment Drought Permit	Drought permits/orders	Refined Feasible
AFW_AZ7_RE-DRP_ALL_ALL_lyeoakdourcatchmedrp	Lye Oak Dour Catchment Drought Permit	Drought permits/orders	Refined Feasible
AFW_AZ7_RE-TFR_ALL_ALL_wlvl-seatanker	Waterlevel Extreme Drought Resilience Service (based upon insurance proposal)	International import	Refined Feasible
AFW_AZ7_RE-TFR_ALL_ALL_wlvl-seatanker-v2	Waterlevel Extreme Drought Resilience Service (without insurance)	International import	Refined Feasible
AFW_cm_p2_colne	Portfolio 2 (Upscaled): Colne	Catchment management	Refined Feasible

Option ID	Option Name	Option type	Option status
AFW_cm_p2_london	Portfolio 2 (Upscaled): London	Catchment management	Refined Feasible
AFW_cm_p2_stour	Portfolio 2 (Upscaled): Stour	Catchment management	Refined Feasible
AFW_cm_p2_upper lee	Portfolio 2 (Upscaled): Upper Lee	Catchment management	Refined Feasible
AFW_gov-led a hybrid	Demand Management: Gov-led A Hybrid	Water efficiency customer education / awareness	Refined Feasible
AFW_gov-led c hybrid	Demand Management: Gov-led C Hybrid	Water efficiency customer education / awareness	Refined Feasible
AFW_gov-led d hybrid	Demand Management: Gov-led D Hybrid	Water efficiency customer education / awareness	Refined Feasible
AFW_gov-led e hybrid	Demand Management: Gov-led E Hybrid	Water efficiency customer education / awareness	Refined Feasible
AFW_gov-led f hybrid	Demand Management: Gov-led F Hybrid	Water efficiency customer education / awareness	Refined Feasible
AFW_gov-led g hybrid	Demand Management: Gov-led G Hybrid	Water efficiency customer education / awareness	Refined Feasible
AFW_gov-led high	Demand Management: Gov-led High	Water efficiency customer education / awareness	Refined Feasible
AFW_gov-led medium	Demand Management: Gov-led Medium	Water efficiency customer education / awareness	Refined Feasible
AFW_RA4_HI-TFR_WLJ_CNO_walton_conv100_p1	Walton 2b 100 MI/d to New Iver 2 WTW Phase 1	External raw water bulk supply/transfer	Refined Feasible
AFW_RA4_HI-TFR_WLJ_CNO_walton_conv100_p2	Walton 2b 100 MI/d to New Iver 2 WTW Phase 2	External raw water bulk supply/transfer	Refined Feasible
AFW_RA4_HI-TFR_WLJ_CNO_walton_conv50	Walton 2b 50 MI/d to New Iver 2 WTW	External raw water bulk supply/transfer	Refined Feasible
AFW_STT_HI-RAB_RE1_ALL_c2-300-mythe_15	STT Canal: Mythe abstraction reduction (15Mld) (AFW: 7%)	External raw water bulk supply/transfer	Refined Feasible
AFW_STT_HI-RAB_RE1_ALL_c4-300-vyrnwy_50	STT Canal: Vyrnwy Reservoir river release (50Mld) (AFW: 7%)	External raw water bulk supply/transfer	Refined Feasible
AFW_STT_HI-RAB_RE1_ALL_c5-300-vyrnwy_75	STT Canal: Additional 25Mld for a total Vyrnwy Reservoir river release (75Mld) (AFW: 7%)	External raw water bulk supply/transfer	Refined Feasible
AFW_STT_HI-RAB_RE1_ALL_c6-300-shrewsbury_25	STT Canal: River Vyrnwy Mitigation – Shrewsbury Redeployment (25Mld) (AFW: 7%)	External raw water bulk supply/transfer	Refined Feasible
AFW_STT_HI-RAB_RE1_ALL_p2-300-mythe_15	STT 300: Mythe abstraction reduction (15Mld) (AFW: 7%)	External raw water bulk supply/transfer	Refined Feasible
AFW_STT_HI-RAB_RE1_ALL_p2-400-mythe_15	STT 400: Mythe abstraction reduction (15Mld) (AFW: 7%)	External raw water bulk supply/transfer	Refined Feasible
AFW_STT_HI-RAB_RE1_ALL_p2-500-mythe_15	STT 500: Mythe abstraction reduction (15Mld) (AFW: 7%)	External raw water bulk supply/transfer	Refined Feasible
AFW_STT_HI-RAB_RE1_ALL_p3-300-vyrnwy_50	STT 300: Vyrnwy Reservoir river release (50Mld) (AFW: 7%)	External raw water bulk supply/transfer	Refined Feasible
AFW_STT_HI-RAB_RE1_ALL_p3-400-vyrnwy_50	STT 400: Vyrnwy Reservoir river release (50Mld) (AFW: 7%)	External raw water bulk supply/transfer	Refined Feasible
AFW_STT_HI-RAB_RE1_ALL_p3-500-vyrnwy_50	STT 500: Vyrnwy Reservoir river release (50Mld) (AFW: 7%)	External raw water bulk supply/transfer	Refined Feasible
AFW_STT_HI-RAB_RE1_ALL_p4-300-vyrnwy_75	STT 300: Additional 25Mld for a total Vyrnwy Reservoir river release (75Mld) (AFW: 7%)	External raw water bulk supply/transfer	Refined Feasible
AFW_STT_HI-RAB_RE1_ALL_p4-400-vyrnwy_75	STT 400: Additional 25Mld for a total Vyrnwy Reservoir river release (75Mld) (AFW: 7%)	External raw water bulk supply/transfer	Refined Feasible
AFW_STT_HI-RAB_RE1_ALL_p4-500-vyrnwy_75	STT 500: Additional 25Mld for a total Vyrnwy Reservoir river release (75Mld) (AFW: 7%)	External raw water bulk supply/transfer	Refined Feasible
AFW_STT_HI-RAB_RE1_ALL_p6-300-shrewsbury_25	STT 300: River Vyrnwy Mitigation – Shrewsbury Redeployment (25Mld) (AFW: 7%)	External raw water bulk supply/transfer	Refined Feasible
AFW_STT_HI-RAB_RE1_ALL_p6-400-shrewsbury_25	STT 400: River Vyrnwy Mitigation – Shrewsbury Redeployment (25Mld) (AFW: 7%)	External raw water bulk supply/transfer	Refined Feasible
AFW_STT_HI-RAB_RE1_ALL_p6-500-shrewsbury_25	STT 500: River Vyrnwy Mitigation – Shrewsbury Redeployment (25Mld) (AFW: 7%)	External raw water bulk supply/transfer	Refined Feasible
AFW_tra-kemptoncon	Kempton TWUL existing connection	External potable bulk supply/transfer	Refined Feasible
AFW_tra-stonebcon	Stonebridge TWUL existing connection	External potable bulk supply/transfer	Refined Feasible
AFW_tra-twul-2	Mill Hill Reservoir (Drought Transfer)	External potable bulk supply/transfer	Refined Feasible
AFW_tra-twul-4	Renters Avenue (W. Hendon) Edgeware (Drought Transfer)	External potable bulk supply/transfer	Refined Feasible
AFW_tra-twul-4c	Kempton Park to Iver	External potable bulk supply/transfer	Refined Feasible
AFW_tra-twul-5	Coppermills to Rye Hill transfer 40MLD (WRSE)	External potable bulk supply/transfer	Refined Feasible
AFW_tra-twul-5_a	Coppermills to Rye Hill transfer 60MLD (WRSE)	External potable bulk supply/transfer	Refined Feasible
AFW_tra-twul-5_b	Coppermills to Rye Hill transfer 80MLD (WRSE)	External potable bulk supply/transfer	Refined Feasible
AFW_tra-twul-5_c	Coppermills to Rye Hill transfer	External potable bulk supply/transfer	Refined Feasible
AFW_tra-twul-6	Walton to Hampton connection (Drought Transfer)	External potable bulk supply/transfer	Refined Feasible
AFW_gov-led low	Demand Management: Gov-led Low	Water efficiency customer education / awareness	Refined Feasible
PRT_gov-led b hybrid	Company Demand: Gov-led B Hybrid	Water efficiency customer education / awareness	Preferred
PRT_PRT_EF-CRE_ALL_ALL_ami_smrt_meter_high+	AMI / Smart metering - High Plus	Metering other selective	Preferred
PRT_PRT_EF-CRE_ALL_ALL_comp metering_high+	Compulsory metering – Household - High Plus	Metering compulsory	Preferred
PRT_PRT_EF-CRE_ALL_ALL_enhanced_meter_high+	Enhanced metering – Household - High Plus	Metering other selective	Preferred
PRT_PRT_EF-CRE_ALL_ALL_optant_meter_high+	Optant metering - High Plus	Metering other selective	Preferred
PRT_PRT_EF-CRE_ALL_ALL_reduce_consump_high+	Reduction in other consumption - High Plus	Other water efficiency	Preferred
PRT_PRT_EF-LKR_ALL_ALL_leakage_alc_high+	Leakage reduction - Active Leakage Control - High Plus	Active leakage management	Preferred
PRT_PRT_EF-LKR_ALL_ALL_leakage_custen_high+	Leakage reduction - Customer engagement / education / incentives - High Plus	Other leakage control	Preferred
PRT_PRT_EF-OTR_ALL_ALL_emergency deficit	EMERGENCY DEFICIT Company	Outage reduction	Preferred
PRT_PRT_EF-WEF_ALL_ALL_audit_inspect_high+	Water use audit and inspection – Household and non-household water efficiency - High Pl	Household water audit	Preferred
PRT_PRT_EF-WEF_ALL_ALL_awareness_high+	Awareness campaigns – Targeted water conservation information (advice on appliance wa	Water efficiency customer education / awareness	Preferred
PRT_PRT_EF-WEF_ALL_ALL_saving_devices_high+	Promotion of water saving devices – Retrofitting (new or subsidised) - High Plus	Retrofitting indoor water efficiency devices	Preferred
PRT_PRT_HI-ROC_ALL_ALL_Source O booster	Upgrade Source O Booster to 25Mld	Trunk mains renewal/new	Preferred
PRT_PRT_RE-DRP_ALL_ALL_Source S drought	Drought Permit: Source S (to 2041)	Drought permits/orders	Preferred
PRT_PRT_RE-OTH_ALL_ALL_neubs	Non-essential use bans	Drought - water use restrictions	Preferred
PRT_PRT_RE-OTH_ALL_ALL_tubs	Temporary use bans	Drought - water use restrictions	Preferred
PRT_PWE_HI-OTH_RE1_ALL_htr conj use dummy	Havant Thicket conjunctive use benefit	Conjunctive use	Preferred
PRT_PWE_HI-TFR_TWJ_ALL_SRN Source D-havant r 50	SRN Source D To Havant Thicket: 50MI/d	External raw water bulk supply/transfer	Preferred
PRT_SRN Source A-Source A p	SRN Source A to Source A	External potable bulk supply/transfer	Preferred
PRT_cm_p1_east hampshire	Portfolio 1 (Standard): East Hampshire	Catchment management	Feasible
PRT_p1_arun west	Portfolio 1 (Standard): Arun and Western Streams	Catchment management	Feasible
PRT_PRT_EF-CRE_ALL_ALL_ami_smrt_meter_high	AMI / Smart metering - High	Metering other selective	Feasible
PRT_PRT_EF-CRE_ALL_ALL_enhanced_meter_high	Enhanced metering – Household - High	Metering other selective	Feasible
PRT_PRT_EF-CRE_ALL_ALL_enhanced_meter_low	Enhanced metering – Household - Low	Metering other selective	Feasible
PRT_PRT_EF-CRE_ALL_ALL_enhanced_meter_med	Enhanced metering – Household - Medium	Metering other selective	Feasible
PRT_PRT_EF-CRE_ALL_ALL_optant_meter_high	Optant metering - High	Metering other selective	Feasible
PRT_PRT_EF-CRE_ALL_ALL_optant_meter_low	Optant metering - Low	Metering other selective	Feasible
PRT_PRT_EF-CRE_ALL_ALL_optant_meter_med	Optant metering - Medium	Metering other selective	Feasible
PRT_PRT_EF-CRE_ALL_ALL_reduce_consump_high	Reduction in other consumption - High	Other water efficiency	Feasible
PRT_PRT_EF-CRE_ALL_ALL_reduce_consump_low	Reduction in other consumption - Low	Other water efficiency	Feasible
PRT_PRT_EF-CRE_ALL_ALL_reduce_consump_med	Reduction in other consumption - Medium	Other water efficiency	Feasible
PRT_PRT_EF-LKR_ALL_ALL_leakage_alc_high	Leakage reduction - Active Leakage Control - High	Active leakage management	Feasible
PRT_PRT_EF-LKR_ALL_ALL_leakage_alc_low	Leakage reduction - Active Leakage Control - Low	Active leakage management	Feasible
PRT_PRT_EF-LKR_ALL_ALL_leakage_alc_med	Leakage reduction - Active Leakage Control - Medium	Active leakage management	Feasible
PRT_PRT_EF-LKR_ALL_ALL_leakage_custen_high	Leakage reduction - Customer engagement / education / incentives - High	Other leakage control	Feasible
PRT_PRT_EF-WEF_ALL_ALL_audit_inspect_high	Water use audit and inspection – Household and non-household water efficiency - High	Household water audit	Feasible
PRT_PRT_EF-WEF_ALL_ALL_audit_inspect_low	Water use audit and inspection – Household and non-household water efficiency - Low	Household water audit	Feasible
PRT_PRT_EF-WEF_ALL_ALL_audit_inspect_med	Water use audit and inspection – Household and non-household water efficiency - Mediur	Household water audit	Feasible
PRT_PRT_EF-WEF_ALL_ALL_awareness_high	Awareness campaigns – Targeted water conservation information (advice on appliance wa	Water efficiency customer education / awareness	Feasible
PRT_PRT_EF-WEF_ALL_ALL_awareness_low	Awareness campaigns – Targeted water conservation information (advice on appliance wa	Water efficiency customer education / awareness	Feasible
PRT_PRT_EF-WEF_ALL_ALL_awareness_med	Awareness campaigns – Targeted water conservation information (advice on appliance wa	Water efficiency customer education / awareness	Feasible
PRT_PRT_EF-WEF_ALL_ALL_saving_devices_high	Promotion of water saving devices – Retrofitting (new or subsidised) - High	Retrofitting indoor water efficiency devices	Feasible
PRT_PRT_EF-WEF_ALL_ALL_saving_devices_low	Promotion of water saving devices – Retrofitting (new or subsidised) - Low	Retrofitting indoor water efficiency devices	Feasible
PRT_PRT_EF-WEF_ALL_ALL_saving_devices_med	Promotion of water saving devices – Retrofitting (new or subsidised) - Medium	Retrofitting indoor water efficiency devices	Feasible
PRT_PRT_HI-ROC_NET_ALL_Works A to Reservoir B 10	HT to Reservoir B via Works A 10MI/d	Trunk mains renewal/new	Feasible
PRT_PRT_HI-ROC_NET_ALL_Works A to Reservoir B 20_p1	HT 20 MI/d to Reservoir B via Works A: Phase 1 10MI/d WTW	Trunk mains renewal/new	Feasible
PRT_PRT_HI-ROC_NET_ALL_Works A to Reservoir B 20_p2	HT 20 MI/d to Reservoir B via Works A: Phase 2 10MI/d WTW	Trunk mains renewal/new	Feasible
PRT_PRT_HI-ROC_NET_ALL_Works A to Reservoir B 30_p1	HT 30 MI/d to Reservoir B via Works A: Phase 1 10MI/d WTW	Trunk mains renewal/new	Feasible
PRT_PRT_HI-ROC_NET_ALL_Works A to Reservoir B 30_p2	HT 30 MI/d to Reservoir B via Works A: Phase 2 10MI/d WTW	Trunk mains renewal/new	Feasible
PRT_PRT_HI-ROC_NET_ALL_Works A to Reservoir B 30_p3	HT 30 MI/d to Reservoir B via Works A: Phase 3 10MI/d WTW	Trunk mains renewal/new	Feasible
PRT_PRT_HI-TFR_HTE_ALL_ht to Reservoir C 10_p1	HT to SRN Source A spur to Reservoir C: 10MI/d	Internal raw water transfer	Feasible
PRT_PRT_HI-TFR_HTE_ALL_ht to Reservoir C 20_p1	HT to SRN Source A 20MI/d spur to Reservoir C: 10MI/d WTW Phase 1	Internal raw water transfer	Feasible
PRT_PRT_HI-TFR_HTE_ALL_ht to Reservoir C 20_p2	HT to SRN Source A 20MI/d spur to Reservoir C: 10MI/d WTW Phase 2	Internal raw water transfer	Feasible
PRT_PRT_HI-TFR_HTE_ALL_ht to Reservoir C 30_p1	HT to SRN Source A 30MI/d spur to Reservoir C: 10MI/d WTW Phase 1	Internal raw water transfer	Feasible
PRT_PRT_HI-TFR_HTE_ALL_ht to Reservoir C 30_p2	HT to SRN Source A 30MI/d spur to Reservoir C: 10MI/d WTW Phase 2	Internal raw water transfer	Feasible
PRT_PRT_HI-TFR_HTE_ALL_ht to Reservoir C 30_p3	HT to SRN Source A 30MI/d spur to Reservoir C: 10MI/d WTW Phase 3	Internal raw water transfer	Feasible
PRT_PRT_HI-TFR_HTE_ALL_ht to Reservoir C r 40_p1	HT to SRN Source A 40MI/d spur to Reservoir C: 10MI/d WTW Phase 1	Internal raw water transfer	Feasible
PRT_PRT_HI-TFR_HTE_ALL_ht to Reservoir C r 40_p2	HT to SRN Source A 40MI/d spur to Reservoir C: 10MI/d WTW Phase 2	Internal raw water transfer	Feasible
PRT_PRT_HI-TFR_HTE_ALL_ht to Reservoir C r 40_p3	HT to SRN Source A 40MI/d spur to Reservoir C: 10MI/d WTW Phase 3	Internal raw water transfer	Feasible
PRT_PRT_HI-TFR_HTE_ALL_ht to Reservoir C r 40_p4	HT to SRN Source A 40MI/d spur to Reservoir C: 10MI/d WTW Phase 4	Internal raw water transfer	Feasible
PRT_PWE_HI-TFR_TWJ_ALL_SRN Source D-havant r 20	SRN Source D To Havant Thicket: 20MI/d	External raw water bulk supply/transfer	Feasible
PRT_cm_p2_arun west	Portfolio 2 (Upscaled): Arun and Western Streams	Catchment management	Refined Feasible
PRT_cm_p2_east hampshire	Portfolio 2 (Upscaled): East Hampshire	Catchment management	Refined Feasible
PRT_cm_p3_arun west	Portfolio 3 (Augmented): Arun and Western Streams	Catchment management	Refined Feasible
PRT_cm_p3_east hampshire	Portfolio 3 (Augmented): East Hampshire	Catchment management	Refined Feasible
PRT_PRT_EF-LKR_ALL_ALL_dmp prt gov-led a hy	Demand Management: Gov-led A Hybrid	Water efficiency customer education / awareness	Refined Feasible
PRT_PRT_EF-LKR_ALL_ALL_dmp prt gov-led c hy	Demand Management: Gov-led C Hybrid	Water efficiency customer education / awareness	Refined Feasible

Option ID	Option Name	Option type	Option status
PRT_PRT_EF-LKR_ALL_ALL_dmp prt gov-led d hy	Demand Management: Gov-led D Hybrid	Water efficiency customer education / awareness	Refined Feasible
PRT_PRT_EF-LKR_ALL_ALL_dmp prt gov-led e hy	Demand Management: Gov-led E Hybrid	Water efficiency customer education / awareness	Refined Feasible
PRT_PRT_EF-LKR_ALL_ALL_dmp prt gov-led f hy	Demand Management: Gov-led F Hybrid	Water efficiency customer education / awareness	Refined Feasible
PRT_PRT_EF-LKR_ALL_ALL_dmp prt gov-led g hy	Demand Management: Gov-led G Hybrid	Water efficiency customer education / awareness	Refined Feasible
PRT_PRT_EF-LKR_ALL_ALL_dmp prt gov-led high	Demand Management: Gov-led High	Water efficiency customer education / awareness	Refined Feasible
PRT_PRT_EF-LKR_ALL_ALL_dmp prt gov-led medi	Demand Management: Gov-led Medium	Water efficiency customer education / awareness	Refined Feasible
PRT_PRT_RE-DRP_ALL_ALL_Source S drought_v2	Drought Permit: Source S (to 2051)	Drought permits/orders	Refined Feasible
PRT_PRT_RE-DRP_ALL_ALL_Source S drought_v3	Drought Permit: Source S (to 2046)	Drought permits/orders	Refined Feasible
PRT_PRT_RE-DRP_ALL_ALL_Source S drought_v4	Drought Permit: Source S (to 2036)	Drought permits/orders	Refined Feasible
PRT_PRT_RE-DRP_ALL_ALL_Source S drought_v5	Drought Permit: Source S (no end)	Drought permits/orders	Refined Feasible
PRT_PWE_HI-TFR_TWJ_ALL_SRN Source D-havant r 100	SRN Source D To Havant Thicket: 100Ml/d	External raw water bulk supply/transfer	Refined Feasible
PRT_PRT_EF-LKR_ALL_ALL_dmp prt gov-led low	Demand Management: Gov-led Low	Water efficiency customer education / awareness	Refined Feasible
SEW_arlington_group	Hailsham Recyling to Cuckmere River	Water reuse	Feasible
SEW_ashford-bewl_group	Existing Company Transfer: RZ8 Ashford to RZ7 Bewl Trunk Main [3.5Ml/d]	Internal potable transfer	Preferred
SEW_aylesford_group	New Company Transfer: RZ1 to/from RZ6 Transfer - Blackhurst to Aylesford (4Ml/d)	Internal potable transfer	Preferred
SEW_beech_group	Existing Company Transfer: RZ6 Beech to RZ7 Paddock Wood [4Ml/d]	Internal potable transfer	Preferred
SEW_beech-kilnwood_group	New Company Transfer: RZ6 to RZ1 Transfer - Beech to Kilnwood (6Ml/d)	Internal potable transfer	Feasible
SEW_bewl_darwell_group	Existing Bulk Supply: SWS Raw water / Darwell Replacement / Treatment at Bewl [8Ml/d]	External potable bulk supply/transfer	Preferred
SEW_bewl-ashford_group	Existing Company Transfer: RZ7 Bewl to RZ8 Ashford Trunk Main [4.5Ml/d]	Internal potable transfer	Preferred
SEW_broadoak_5126ml	Broad Oak Reservoir	New reservoir	Preferred
SEW_cm_p1_test itchen	Catchment Manangement Portfolio 1: Test and Itchen	Catchment management	Preferred
SEW_cottage hill_group	New Company Transfer: RZ7 to RZ2 Transfer - Bewl to Cottage Hill (5Ml/d)	Internal potable transfer	Preferred
SEW_cottagehillbewlgroup	New Company Transfer: RZ2 to RZ7 Transfer - Cottage Hill to Bewl (5Ml/d)	Internal potable transfer	Preferred
SEW_eastbourne_group	Existing Company Transfer: RZ2 Barcombe to RZ3 Arlington [20Ml/d]	Internal potable transfer	Preferred
SEW_eastbourne_group reverse	Existing Company Transfer: RZ2 Barcombe from RZ3 Arlington [20Ml/d]	Internal potable transfer	Preferred
SEW_egham_group	Existing Bulk Supply: AFF Potable water from Egham [36Ml/d]	External potable bulk supply/transfer	Preferred
SEW_gov-led b hybrid	Demand: Gov-led B Hybrid (SEW)	Water efficiency customer education / awareness	Preferred
SEW_groombridge_group	Existing Company Transfer: RZ2 Groombridge to RZ1 Langton [5Ml/d]	Internal potable transfer	Preferred
SEW_groombridge_group reverse	Existing Company Transfer: RZ1 Langton to RZ2 Groombridge [2Ml/d]	Internal potable transfer	Preferred
SEW_halling_group_2	Groundwater Licence Trade - Halling	New groundwater	Preferred
SEW_hollingbourne_group	Existing Company Transfer: RZ8 Hollingbourne to RZ6 Maidstone [10.5Ml/d]	Internal potable transfer	Preferred
SEW_hollingbourne_group reverse	Existing Company Transfer: RZ6 Maidstone to RZ8 Hollingbourne [1.5Ml/d]	Internal potable transfer	Preferred
SEW_jubilee corner_group	Existing Company Transfer: RZ8 to RZ7 Jubilee Corner [1.2Ml/d]	Internal potable transfer	Preferred
SEW_KTZ_HI-TFR_RZ8_ALL_canterb-wingha p 20	New Bulk Supply: SWS to RZ8 - Wingham to Canterbury (20 Ml/d)	External potable bulk supply/transfer	Preferred
SEW_matts hill_group	Existing Bulk Supply: SWS to RZ6 - Matts Hill [7.4Ml/d]	External potable bulk supply/transfer	Preferred
SEW_matts hill_group continuation	Continuation of Matts Hill Bulk Supply Agreement	External potable bulk supply/transfer	Preferred
SEW_maytham_group	Existing Company Transfer: RZ7 Maytham to RZ8 Stocks [1.5Ml/d]	Internal potable transfer	Preferred
SEW_medway_group	Existing Company Transfer: RZ7 Kippings to RZ1 Pembury [5Ml/d]	Internal potable transfer	Preferred
SEW_neub_incl_group	Non-essential use bans	Drought - water use restrictions	Preferred
SEW_peacehave_25ml_group	Peacehaven Recycling at Barcombe (25Ml/d Option) - Construction	Water reuse	Feasible
SEW_peacehave_25ml_plan_dev	Peacehaven Recycling at Barcombe (25Ml/d Option) - Planning & Development	Water reuse	Feasible
SEW_pem-kip_exist_trans	Existing Company Transfer: RZ1 Pembury to RZ7 Kippings [3.3Ml/d]	Internal potable transfer	Preferred
SEW_pitfield_group	Existing Bulk Supply: SWS to RZ6 - Pitfield [0.5Ml/d]	External potable bulk supply/transfer	Preferred
SEW_pitfield_group continuation	Continuation of the Pitfield bulk Supply Agreement	External potable bulk supply/transfer	Preferred
SEW_riverhill_beech	New Bulk Supply: SESW to SEW RZ1 Transfer - Bough Beech to Riverhill SR (10Ml/d)	External potable bulk supply/transfer	Preferred
SEW_RZ1_EF-CRE_ALL_ALL_I: ami upgrade	AMI upgrade: RZ1: Low	Metering other selective	Refined Feasible
SEW_RZ1_EF-CRE_ALL_ALL_I: meter installs	Meter installations (Non-responders): RZ1: Low	Metering compulsory	Refined Feasible
SEW_RZ1_EF-LKR_ALL_ALL_I: detection	Leakage reduction - trunk mains and service reservoir leakage reduction (RZ1): Low	Trunk mains renewal/new	Refined Feasible
SEW_RZ1_EF-LKR_ALL_ALL_I: incentives	Individual and community incentives: RZ1: Low	Other leakage control	Refined Feasible
SEW_RZ1_EF-LKR_ALL_ALL_I: sew-rz1-lea-111	TM Metering improvements - RZ1: Low	Other leakage control	Refined Feasible
SEW_RZ1_EF-LKR_ALL_ALL_I: sew-rz1-lea-121	Leakage reduction - Pressure reduction programmes (RZ1): Low	Pressure management	Refined Feasible
SEW_RZ1_EF-WEF_ALL_ALL_I: leakage fix	Leaky loo find and fix: RZ1: Low	Household water audit	Refined Feasible
SEW_RZ1_EF-WEF_ALL_ALL_I: targeted audits	Water use audit and inspection - Household and non-household water efficiency (RZ1): Lo	Household water audit	Refined Feasible
SEW_RZ1_EF-WEF_ALL_ALL_I: uspl	Customer supply pipe leakage reduction (RZ1): Low	Supply pipe repairs / replacement	Refined Feasible
SEW_RZ1_HI-ROC_NET_ALL_blackhurstupsize5mld	RZ1 Zonal Scheme - [CTR-40] - Additional storage at Blackhurst 5 Mld	Trunk mains renewal/new	Preferred
SEW_RZ2_EF-CRE_ALL_ALL_I: ami upgrade	AMI upgrade: RZ2: Low	Metering other selective	Refined Feasible
SEW_RZ2_EF-CRE_ALL_ALL_I: meter installs	Meter installations (Non-responders): RZ2: Low	Metering compulsory	Refined Feasible
SEW_RZ2_EF-LKR_ALL_ALL_I: detection	Leakage reduction - trunk mains and service reservoir leakage reduction (RZ2): Low	Trunk mains renewal/new	Refined Feasible
SEW_RZ2_EF-LKR_ALL_ALL_I: incentives	Individual and community incentives: RZ2: Low	Other leakage control	Refined Feasible
SEW_RZ2_EF-LKR_ALL_ALL_I: sew-rz2-lea-112	TM Metering improvements - RZ2: Low	Other leakage control	Refined Feasible
SEW_RZ2_EF-LKR_ALL_ALL_I: sew-rz2-lea-122	Leakage reduction - Pressure reduction programmes (RZ2): Low	Pressure management	Refined Feasible
SEW_RZ2_EF-WEF_ALL_ALL_I: leakage fix	Leaky loo find and fix: RZ2: Low	Household water audit	Refined Feasible
SEW_RZ2_EF-WEF_ALL_ALL_I: targeted audits	Water use audit and inspection - Household and non-household water efficiency (RZ2): Lo	Household water audit	Refined Feasible
SEW_RZ2_EF-WEF_ALL_ALL_I: uspl	Customer supply pipe leakage reduction (RZ2): Low	Supply pipe repairs / replacement	Refined Feasible
SEW_RZ2_HI-OTH_ALL_ALL_riverouse_conj_use	Conjunctive Use of Surface Water & Groundwater - River Ouse	Conjunctive use	Preferred
SEW_RZ2_HI-ROC_NET_ALL_popeswoodzonalmains	RZ2 Zonal Scheme - [EFF-39] - Reinforce Main and Pumps to Popeswood SR	Trunk mains renewal/new	Feasible
SEW_RZ3_EF-CRE_ALL_ALL_I: ami upgrade	AMI upgrade: RZ3: Low	Metering other selective	Refined Feasible
SEW_RZ3_EF-CRE_ALL_ALL_I: meter installs	Meter installations (Non-responders): RZ3: Low	Metering compulsory	Refined Feasible
SEW_RZ3_EF-LKR_ALL_ALL_I: detection	Leakage reduction - trunk mains and service reservoir leakage reduction (RZ3): Low	Trunk mains renewal/new	Refined Feasible
SEW_RZ3_EF-LKR_ALL_ALL_I: incentives	Individual and community incentives: RZ3: Low	Other leakage control	Refined Feasible
SEW_RZ3_EF-LKR_ALL_ALL_I: sew-rz3-lea-113	TM Metering improvements - RZ3: Low	Other leakage control	Refined Feasible
SEW_RZ3_EF-LKR_ALL_ALL_I: sew-rz3-lea-123	Leakage reduction - Pressure reduction programmes (RZ3): Low	Pressure management	Refined Feasible
SEW_RZ3_EF-WEF_ALL_ALL_I: leakage fix	Leaky loo find and fix: RZ3: Low	Household water audit	Refined Feasible
SEW_RZ3_EF-WEF_ALL_ALL_I: targeted audits	Water use audit and inspection - Household and non-household water efficiency (RZ3): Lo	Household water audit	Refined Feasible
SEW_RZ3_EF-WEF_ALL_ALL_I: uspl	Customer supply pipe leakage reduction (RZ3): Low	Supply pipe repairs / replacement	Refined Feasible
SEW_RZ4_EF-CRE_ALL_ALL_I: ami upgrade	AMI upgrade: RZ4: Low	Metering other selective	Refined Feasible
SEW_RZ4_EF-CRE_ALL_ALL_I: meter installs	Meter installations (Non-responders): RZ4: Low	Metering compulsory	Refined Feasible
SEW_RZ4_EF-LKR_ALL_ALL_I: detection	Leakage reduction - trunk mains and service reservoir leakage reduction (RZ4): Low	Trunk mains renewal/new	Refined Feasible
SEW_RZ4_EF-LKR_ALL_ALL_I: incentives	Individual and community incentives: RZ4: Low	Other leakage control	Refined Feasible
SEW_RZ4_EF-LKR_ALL_ALL_I: sew-rz4-lea-114	TM Metering improvements - RZ4: Low	Other leakage control	Refined Feasible
SEW_RZ4_EF-LKR_ALL_ALL_I: sew-rz4-lea-124	Leakage reduction - Pressure reduction programmes (RZ4): Low	Pressure management	Refined Feasible
SEW_RZ4_EF-WEF_ALL_ALL_I: leakage fix	Leaky loo find and fix: RZ4: Low	Household water audit	Refined Feasible
SEW_RZ4_EF-WEF_ALL_ALL_I: targeted audits	Water use audit and inspection - Household and non-household water efficiency (RZ4): Lo	Household water audit	Refined Feasible
SEW_RZ4_EF-WEF_ALL_ALL_I: uspl	Customer supply pipe leakage reduction (RZ4): Low	Supply pipe repairs / replacement	Refined Feasible
SEW_RZ5_EF-CRE_ALL_ALL_I: ami upgrade	AMI upgrade: RZ5: Low	Metering other selective	Refined Feasible
SEW_RZ5_EF-CRE_ALL_ALL_I: meter installs	Meter installations (Non-responders): RZ5: Low	Metering compulsory	Refined Feasible
SEW_RZ5_EF-LKR_ALL_ALL_I: detection	Leakage reduction - trunk mains and service reservoir leakage reduction (RZ5): Low	Trunk mains renewal/new	Refined Feasible
SEW_RZ5_EF-LKR_ALL_ALL_I: incentives	Individual and community incentives: RZ5: Low	Other leakage control	Refined Feasible
SEW_RZ5_EF-LKR_ALL_ALL_I: sew-rz5-lea-115	TM Metering improvements - RZ5: Low	Other leakage control	Refined Feasible
SEW_RZ5_EF-LKR_ALL_ALL_I: sew-rz5-lea-125	Leakage reduction - Pressure reduction programmes (RZ5): Low	Pressure management	Refined Feasible
SEW_RZ5_EF-WEF_ALL_ALL_I: leakage fix	Leaky loo find and fix: RZ5: Low	Household water audit	Refined Feasible
SEW_RZ5_EF-WEF_ALL_ALL_I: targeted audits	Water use audit and inspection - Household and non-household water efficiency (RZ5): Lo	Household water audit	Refined Feasible
SEW_RZ5_EF-WEF_ALL_ALL_I: uspl	Customer supply pipe leakage reduction (RZ5): Low	Supply pipe repairs / replacement	Refined Feasible
SEW_rz5-rz4_group	Existing Company Transfer: RZ5 Western South to RZ4 Western North [5Ml/d]	Internal potable transfer	Preferred
SEW_rz5-rz4_r_do_group	Existing Company Transfer: RZ4 Western North to RZ5 Western South [12Ml/d]	Internal potable transfer	Preferred
SEW_RZ6_EF-CRE_ALL_ALL_I: ami upgrade	AMI upgrade: RZ6: Low	Metering other selective	Refined Feasible
SEW_RZ6_EF-CRE_ALL_ALL_I: meter installs	Meter installations (Non-responders): RZ6: Low	Metering compulsory	Refined Feasible
SEW_RZ6_EF-LKR_ALL_ALL_I: detection	Leakage reduction - trunk mains and service reservoir leakage reduction (RZ6): Low	Trunk mains renewal/new	Refined Feasible
SEW_RZ6_EF-LKR_ALL_ALL_I: incentives	Individual and community incentives: RZ6: Low	Other leakage control	Refined Feasible
SEW_RZ6_EF-LKR_ALL_ALL_I: sew-rz6-lea-116	TM Metering improvements - RZ6: Low	Other leakage control	Refined Feasible
SEW_RZ6_EF-LKR_ALL_ALL_I: sew-rz6-lea-126	Leakage reduction - Pressure reduction programmes (RZ6): Low	Pressure management	Refined Feasible
SEW_RZ6_EF-WEF_ALL_ALL_I: leakage fix	Leaky loo find and fix: RZ6: Low	Household water audit	Refined Feasible
SEW_RZ6_EF-WEF_ALL_ALL_I: targeted audits	Water use audit and inspection - Household and non-household water efficiency (RZ6): Lo	Household water audit	Refined Feasible
SEW_RZ6_EF-WEF_ALL_ALL_I: uspl	Customer supply pipe leakage reduction (RZ6): Low	Supply pipe repairs / replacement	Refined Feasible
SEW_RZ6_HI-TFR_RZ8_ALL_maidstone10_pipe	New Company Transfer:RZ8 to RZ6 Transfer - Canterbury to Maidstone (10 Ml/d)	Internal potable transfer	Preferred
SEW_RZ6_HI-TFR_RZ8_ALL_maidstone10_pipe_reverse	New Company Transfer:RZ8 to RZ6 Transfer - Canterbury to Maidstone (10 Ml/d) (Reverse	Internal potable transfer	Preferred
SEW_RZ7_EF-CRE_ALL_ALL_I: ami upgrade	AMI upgrade: RZ7: Low	Metering other selective	Refined Feasible
SEW_RZ7_EF-CRE_ALL_ALL_I: meter installs	Meter installations (Non-responders): RZ7: Low	Metering compulsory	Refined Feasible

Option ID	Option Name	Option type	Option status
SEW_RZ7_EF-LKR_ALL_ALL_l: detection	Leakage reduction - trunk mains and service reservoir leakage reduction (RZ7): Low	Trunk mains renewal/new	Refined Feasible
SEW_RZ7_EF-LKR_ALL_ALL_l: incentives	Individual and community incentives: RZ7: Low	Other leakage control	Refined Feasible
SEW_RZ7_EF-LKR_ALL_ALL_l: sew-rz7-lea-117	TM Metering improvements - RZ7: Low	Other leakage control	Refined Feasible
SEW_RZ7_EF-LKR_ALL_ALL_l: sew-rz7-lea-127	Leakage reduction - Pressure reduction programmes (RZ7): Low	Pressure management	Refined Feasible
SEW_RZ7_EF-WEF_ALL_ALL_l: leakage fix	Leaky loo find and fix: RZ7: Low	Household water audit	Refined Feasible
SEW_RZ7_EF-WEF_ALL_ALL_l: targeted audits	Water use audit and inspection - Household and non-household water efficiency (RZ7): Lo	Household water audit	Refined Feasible
SEW_RZ7_EF-WEF_ALL_ALL_l: uspl	Customer supply pipe leakage reduction (RZ7): Low	Supply pipe repairs / replacement	Refined Feasible
SEW_RZ7_HI-TFR_RZ1_ALL_blackhurst_pipe	New Company Transfer: RZ1 to RZ7 Transfer - Blackhurst to Bewl (4Ml/d)	Internal potable transfer	Preferred
SEW_RZ8_EF-CRE_ALL_ALL_h: ami upgrade	AMI upgrade: RZ8: High	Metering other selective	Feasible
SEW_RZ8_EF-CRE_ALL_ALL_h: meter installs	Meter installations (Non-responders): RZ8: High	Metering compulsory	Feasible
SEW_RZ8_EF-LKR_ALL_ALL_h: detection	Leakage reduction - trunk mains and service reservoir leakage reduction (RZ8): High	Trunk mains renewal/new	Feasible
SEW_RZ8_EF-LKR_ALL_ALL_h: incentives	Individual and community incentives: RZ8: High	Other leakage control	Feasible
SEW_RZ8_EF-LKR_ALL_ALL_h: sew-rz8-lea-118	TM Metering improvements - RZ8: High	Other leakage control	Feasible
SEW_RZ8_EF-LKR_ALL_ALL_h: sew-rz8-lea-128	Leakage reduction - Pressure reduction programmes (RZ8): High	Pressure management	Feasible
SEW_RZ8_EF-WEF_ALL_ALL_h: 27 nhh online wef	27 NHH Online WEFF Tool: RZ8: High	Water efficiency customer education / awareness	Feasible
SEW_RZ8_EF-WEF_ALL_ALL_h: 7 nhh water butts	7 NHH Water Butts: RZ8: High	Retrofitting indoor water efficiency devices	Feasible
SEW_RZ8_EF-WEF_ALL_ALL_h: innovative tariff	Innovative tariffs: RZ8: High	Tariff	Feasible
SEW_RZ8_EF-WEF_ALL_ALL_h: leakage fix	Home visits to reduce plumbing losses (RZ8): High	Household water audit	Feasible
SEW_RZ8_EF-WEF_ALL_ALL_h: media campaigns	Increased media campaigns and school education: RZ8: High	Water efficiency customer education / awareness	Feasible
SEW_RZ8_EF-WEF_ALL_ALL_h: targeted audits	Water use audit and inspection - Household and non-household water efficiency (RZ8): Hi	Household water audit	Feasible
SEW_RZ8_EF-WEF_ALL_ALL_h: uspl	Customer supply pipe leakage reduction (RZ8): High	Supply pipe repairs / replacement	Feasible
SEW_RZ8_HI-DES_ALL_CNO_reculver-30mld-con	Desalination at Reculver (30Ml/d Option)	Desalination	Preferred
SEW_RZ8_HI-ROC_ALL_ALL_fordwtwupgrade	Ford WTW Upgrade	Water treatment works capacity increase	Preferred
SEW_RZ8_HI-TFR_SHZ_ALL_brede-kingsn p 10	Brede to Kingsnorth: 10Ml/d	External potable bulk supply/transfer	Preferred
SEW_tub_incl_group	Temporary use bans	Drought - water use restrictions	Preferred
SEW_weeks_group	Existing Company Transfer: RZ8 to RZ7 Weeks Garage, Plurenden and Smarden Woods [2.	Internal potable transfer	Preferred
SEW_weirwood_group	Existing Weirwood Bulk Supply Agreement (5.4Ml/d)	External potable bulk supply/transfer	Preferred
SEW_weirwood_group_continuation	Continuation of Weirwood Bulk Supply Agreement (5.4Ml/d)	External potable bulk supply/transfer	Preferred
SEW_whitely hill_group	New Bulk Supply: SESW Outwood to SEW Whitely Hill (5Ml/d)	External potable bulk supply/transfer	Feasible
SEW_wt_group	Kent water trading 7	Licence trading	Feasible
SEW_buckhurst_group	RZ4 Zonal Scheme - [ASR-4] - Buckhurst to Priestwood trunk main reinforcement	Aquifer recharge/Aquifer storage recovery	Feasible
SEW_burham-rz6 p	Burham to RZ6: 30Ml/d	External potable bulk supply/transfer	Feasible
SEW_clanfield_group	New Bulk Supply: PRT to SEW RZ5 Transfer - Clanfield to Tilmore SR (10 Ml/d)	External potable bulk supply/transfer	Feasible
SEW_cm_p1_cuckmere pev	Portfolio 1 (Standard): Cuckmere and Pevensey Levels	Catchment management	Feasible
SEW_cm_p1_darent cray	Catchment Manangement Portfolio 1: Darent and Cray	Catchment management	Feasible
SEW_cm_p1_east hampshire	Catchment Manangement Portfolio 1: East Hampshire	Catchment management	Feasible
SEW_cm_p1_kent north	Catchment Manangement Portfolio 1: North Kent	Catchment management	Feasible
SEW_cm_p1_loddon trib	Catchment Manangement Portfolio 1: Loddon and tributaries	Catchment management	Feasible
SEW_cm_p1_maidenhead su	Catchment Manangement Portfolio 1: Maidenhead and Sunbury	Catchment management	Feasible
SEW_cm_p1_medway	Catchment Manangement Portfolio 1: Medway	Catchment management	Feasible
SEW_cm_p1_rother	Catchment Manangement Portfolio 1: Rother	Catchment management	Feasible
SEW_cm_p1_stour	Catchment Manangement Portfolio 1: Stour	Catchment management	Feasible
SEW_cm_p1_wey trib	Catchment Manangement Portfolio 1: Wey and tributaries	Catchment management	Feasible
SEW_farlington_group	New Bulk Supply: PRT to SEW RZ5 Transfer - Farlington WTW to Tilmore SR (20 Ml/d)	External potable bulk supply/transfer	Feasible
SEW_kippings-pembury	New Company Transfer: RZ7 to RZ1 Transfer - Kippings to Pembury (5Ml/d)	Internal potable transfer	Feasible
SEW_p1_adur ouse	Catchment Manangement Portfolio 1: Adur and Ouse	Catchment management	Feasible
SEW_p1_arun west	Catchment Manangement Portfolio 1: Arun and Western Streams	Catchment management	Feasible
SEW_peacehaven_50ml	Peacehaven Recycling at Barcombe (30Ml/d Option)	Water reuse	Feasible
SEW_RZ1_EF-CRE_ALL_ALL_h: ami upgrade	AMI upgrade: RZ1: High	Metering other selective	Feasible
SEW_RZ1_EF-CRE_ALL_ALL_h: meter installs	Meter installations (Non-responders): RZ1: High	Metering compulsory	Feasible
SEW_RZ1_EF-CRE_ALL_ALL_m: ami upgrade	AMI upgrade: RZ1: Medium	Metering other selective	Preferred
SEW_RZ1_EF-CRE_ALL_ALL_m: meter installs	Meter installations (Non-responders): RZ1: Medium	Metering compulsory	Preferred
SEW_RZ1_EF-LKR_ALL_ALL_h: detection	Leakage reduction - trunk mains and service reservoir leakage reduction (RZ1): High	Trunk mains renewal/new	Feasible
SEW_RZ1_EF-LKR_ALL_ALL_h: incentives	Individual and community incentives: RZ1: High	Other leakage control	Feasible
SEW_RZ1_EF-LKR_ALL_ALL_h: repair	Repair: High	Other leakage control	Feasible
SEW_RZ1_EF-LKR_ALL_ALL_h: sew-rz1-lea-111	TM Metering improvements - RZ1: High	Other leakage control	Feasible
SEW_RZ1_EF-LKR_ALL_ALL_h: sew-rz1-lea-121	Leakage reduction - Pressure reduction programmes (RZ1): High	Pressure management	Feasible
SEW_RZ1_EF-LKR_ALL_ALL_l: repair	Repair: Low	Other leakage control	Refined Feasible
SEW_RZ1_EF-LKR_ALL_ALL_m: detection	Leakage reduction - trunk mains and service reservoir leakage reduction (RZ1): Medium	Trunk mains renewal/new	Preferred
SEW_RZ1_EF-LKR_ALL_ALL_m: incentives	Individual and community incentives: RZ1: Medium	Other leakage control	Preferred
SEW_RZ1_EF-LKR_ALL_ALL_m: repair	Repair: Medium	Other leakage control	Preferred
SEW_RZ1_EF-LKR_ALL_ALL_m: sew-rz1-lea-111	TM Metering improvements - RZ1: Medium	Other leakage control	Preferred
SEW_RZ1_EF-LKR_ALL_ALL_m: sew-rz1-lea-121	Leakage reduction - Pressure reduction programmes (RZ1): Medium	Pressure management	Preferred
SEW_RZ1_EF-WEF_ALL_ALL_h: 7 nhh water butts	7 NHH Water Butts: RZ1: High	Retrofitting indoor water efficiency devices	Feasible
SEW_RZ1_EF-WEF_ALL_ALL_h: innovative tariff	Innovative tariffs: RZ1: High	Tariff	Feasible
SEW_RZ1_EF-WEF_ALL_ALL_h: leakage fix	Home visits to reduce plumbing losses (RZ1): High	Household water audit	Feasible
SEW_RZ1_EF-WEF_ALL_ALL_h: media campaigns	Increased media campaigns and school education: RZ1: High	Water efficiency customer education / awareness	Feasible
SEW_RZ1_EF-WEF_ALL_ALL_h: targeted audits	Water use audit and inspection - Household and non-household water efficiency (RZ1): Hi	Household water audit	Feasible
SEW_RZ1_EF-WEF_ALL_ALL_h: uspl	Customer supply pipe leakage reduction (RZ1): High	Supply pipe repairs / replacement	Feasible
SEW_RZ1_EF-WEF_ALL_ALL_m: leakage fix	Leaky loo find and fix: RZ1: Medium	Household water audit	Preferred
SEW_RZ1_EF-WEF_ALL_ALL_m: targeted audits	Water use audit and inspection - Household and non-household water efficiency (RZ1): M	Household water audit	Preferred
SEW_RZ1_EF-WEF_ALL_ALL_m: uspl	Customer supply pipe leakage reduction (RZ1): Medium	Supply pipe repairs / replacement	Preferred
SEW_RZ1_HI-ROC_WT2_ALL_pembury_resiliance	Pembury WTW Resilience Option	Water treatment works capacity increase	Feasible
SEW_RZ1_HI-ROC_WT2_ALL_tonbridge_resiliance	Tonbridge WTW Resilience Option	Water treatment works capacity increase	Feasible
SEW_RZ1_HI-TFR_SES_ALL_beech10blackhrstpipe	New Bulk Supply: SESW to SEW RZ1 Transfer - Bough Beech to Blackhurst SR (10Ml/d)	External potable bulk supply/transfer	Feasible
SEW_RZ1_HI-TFR_SES_ALL_beech5blackhrstpipe	New Bulk Supply: SESW to SEW RZ1 Transfer - Bough Beech to Blackhurst SR (5Ml/d)	External potable bulk supply/transfer	Feasible
SEW_RZ2_EF-CRE_ALL_ALL_h: ami upgrade	AMI upgrade: RZ2: High	Metering other selective	Feasible
SEW_RZ2_EF-CRE_ALL_ALL_h: meter installs	Meter installations (Non-responders): RZ2: High	Metering compulsory	Feasible
SEW_RZ2_EF-CRE_ALL_ALL_m: ami upgrade	AMI upgrade: RZ2: Medium	Metering other selective	Preferred
SEW_RZ2_EF-CRE_ALL_ALL_m: meter installs	Meter installations (Non-responders): RZ2: Medium	Metering compulsory	Preferred
SEW_RZ2_EF-LKR_ALL_ALL_h: detection	Leakage reduction - trunk mains and service reservoir leakage reduction (RZ2): High	Trunk mains renewal/new	Feasible
SEW_RZ2_EF-LKR_ALL_ALL_h: incentives	Individual and community incentives: RZ2: High	Other leakage control	Feasible
SEW_RZ2_EF-LKR_ALL_ALL_h: sew-rz2-lea-112	TM Metering improvements - RZ2: High	Other leakage control	Feasible
SEW_RZ2_EF-LKR_ALL_ALL_h: sew-rz2-lea-122	Leakage reduction - Pressure reduction programmes (RZ2): High	Pressure management	Feasible
SEW_RZ2_EF-LKR_ALL_ALL_m: detection	Leakage reduction - trunk mains and service reservoir leakage reduction (RZ2): Medium	Trunk mains renewal/new	Preferred
SEW_RZ2_EF-LKR_ALL_ALL_m: incentives	Individual and community incentives: RZ2: Medium	Other leakage control	Preferred
SEW_RZ2_EF-LKR_ALL_ALL_m: sew-rz2-lea-112	TM Metering improvements - RZ2: Medium	Other leakage control	Preferred
SEW_RZ2_EF-LKR_ALL_ALL_m: sew-rz2-lea-122	Leakage reduction - Pressure reduction programmes (RZ2): Medium	Pressure management	Preferred
SEW_RZ2_EF-WEF_ALL_ALL_h: 27 nhh online wef	27 NHH Online WEFF Tool: RZ2: High	Water efficiency customer education / awareness	Feasible
SEW_RZ2_EF-WEF_ALL_ALL_h: 7 nhh water butts	7 NHH Water Butts: RZ2: High	Retrofitting indoor water efficiency devices	Feasible
SEW_RZ2_EF-WEF_ALL_ALL_h: innovative tariff	Innovative tariffs: RZ2: High	Tariff	Feasible
SEW_RZ2_EF-WEF_ALL_ALL_h: leakage fix	Home visits to reduce plumbing losses (RZ2): High	Household water audit	Feasible
SEW_RZ2_EF-WEF_ALL_ALL_h: media campaigns	Increased media campaigns and school education: RZ2: High	Water efficiency customer education / awareness	Feasible
SEW_RZ2_EF-WEF_ALL_ALL_h: targeted audits	Water use audit and inspection - Household and non-household water efficiency (RZ2): Hi	Household water audit	Feasible
SEW_RZ2_EF-WEF_ALL_ALL_h: uspl	Customer supply pipe leakage reduction (RZ2): High	Supply pipe repairs / replacement	Feasible
SEW_RZ2_EF-WEF_ALL_ALL_m: leakage fix	Leaky loo find and fix: RZ2: Medium	Household water audit	Preferred
SEW_RZ2_EF-WEF_ALL_ALL_m: targeted audits	Water use audit and inspection - Household and non-household water efficiency (RZ2): M	Household water audit	Preferred
SEW_RZ2_EF-WEF_ALL_ALL_m: uspl	Customer supply pipe leakage reduction (RZ2): Medium	Supply pipe repairs / replacement	Preferred
SEW_RZ2_HI-DES_ALL_CNO_midsussex-20mld-con	Desalination at Newhaven: RZ2 Haywards Heath (20Ml/d Option)	Desalination	Feasible
SEW_RZ2_HI-DES_ALL_CNO_midsussex-30mld-con	Desalination at Newhaven: RZ2 Haywards Heath (30Ml/d Option)	Desalination	Feasible
SEW_RZ2_HI-DES_ALL_CNO_newhaven-10ml/d-con	Desalination at Newhaven: RZ2 Haywards Heath (10Ml/d Option)	Desalination	Feasible
SEW_RZ2_HI-ROC_NET_ALL_arlington_mainres-30	RZ3 Zonal Scheme - [RES-30] - Arlington to Windover Transfer	Trunk mains renewal/new	Feasible
SEW_RZ2_HI-ROC_NET_ALL_arlington_zonalres-30	RZ3 Zonal Scheme - [RES-30] - Arlington to Folkington Reservoir Reinforcement	Trunk mains renewal/new	Feasible
SEW_RZ2_HI-ROC_NET_ALL_balcombe_wszupgrade	RZ2 Zonal Scheme - [DMP-4] - Balcombe WSZ Upgrade	Trunk mains renewal/new	Feasible
SEW_RZ2_HI-ROC_WT2_ALL_barcombe_resiliance	Barcombe WTW Resilience Option	Water treatment works capacity increase	Feasible
SEW_RZ2_HI-RSR_ALL_CNO_broyleres4800ml_con	Broyle Place Reservoir - Construciton	New reservoir	Preferred
SEW_RZ2_HI-RSR_ALL_CNO_goosegreen7200ml_con	Goose Green Reservoir	New reservoir	Feasible
SEW_RZ2_HI-RSR_ALL_CNO_hallandres5100ml_con	Halland Reservoir (near Laughton)	New reservoir	Feasible

Option ID	Option Name	Option type	Option status
SEW_RZ2_HI-RSR_ALL_PLA_broyleres4800ml_plan	Broyle Place Reservoir - Planning	New reservoir	Preferred
SEW_RZ2_HI-TFR_RZ3_ALL_barcombe_pipe	New Company Transfer:RZ3 to RZ2 - Arlington to Barcombe (10Ml/d) Phase 1	Internal potable transfer	Preferred
SEW_RZ2_HI-TFR_RZ3_ALL_barcombe_pipe_ph2	New Company Transfer:RZ3 to RZ2 - Arlington to Barcombe (10Ml/d) Phase 2	Internal potable transfer	Feasible
SEW_RZ3_EF-CRE_ALL_ALL_h: ami upgrade	AMI upgrade: RZ3: High	Metering other selective	Feasible
SEW_RZ3_EF-CRE_ALL_ALL_h: meter installs	Meter installations (Non-responders): RZ3: High	Metering compulsory	Feasible
SEW_RZ3_EF-CRE_ALL_ALL_m: ami upgrade	AMI upgrade: RZ3: Medium	Metering other selective	Preferred
SEW_RZ3_EF-CRE_ALL_ALL_m: meter installs	Meter installations (Non-responders): RZ3: Medium	Metering compulsory	Preferred
SEW_RZ3_EF-LKR_ALL_ALL_h: detection	Leakage reduction - trunk mains and service reservoir leakage reduction (RZ3): High	Trunk mains renewal/new	Feasible
SEW_RZ3_EF-LKR_ALL_ALL_h: incentives	Individual and community incentives: RZ3: High	Other leakage control	Feasible
SEW_RZ3_EF-LKR_ALL_ALL_h: sew-rz3-lea-113	TM Metering improvements - RZ3: High	Other leakage control	Feasible
SEW_RZ3_EF-LKR_ALL_ALL_h: sew-rz3-lea-123	Leakage reduction - Pressure reduction programmes (RZ3): High	Pressure management	Feasible
SEW_RZ3_EF-LKR_ALL_ALL_m: detection	Leakage reduction - trunk mains and service reservoir leakage reduction (RZ3): Medium	Trunk mains renewal/new	Preferred
SEW_RZ3_EF-LKR_ALL_ALL_m: incentives	Individual and community incentives: RZ3: Medium	Other leakage control	Preferred
SEW_RZ3_EF-LKR_ALL_ALL_m: sew-rz3-lea-113	TM Metering improvements - RZ3: Medium	Other leakage control	Preferred
SEW_RZ3_EF-LKR_ALL_ALL_m: sew-rz3-lea-123	Leakage reduction - Pressure reduction programmes (RZ3): Medium	Pressure management	Preferred
SEW_RZ3_EF-WEF_ALL_ALL_h: 27 nhh online wef	27 NHH Online WEFF Tool: RZ3: High	Water efficiency customer education / awareness	Feasible
SEW_RZ3_EF-WEF_ALL_ALL_h: 7 nhh water butts	7 NHH Water Butts: RZ3: High	Retrofitting indoor water efficiency devices	Feasible
SEW_RZ3_EF-WEF_ALL_ALL_h: innovative tariff	Innovative tariffs: RZ3: High	Tariff	Feasible
SEW_RZ3_EF-WEF_ALL_ALL_h: leakage fix	Home visits to reduce plumbing losses (RZ3): High	Household water audit	Feasible
SEW_RZ3_EF-WEF_ALL_ALL_h: media campaigns	Increased media campaigns and school education: RZ3: High	Water efficiency customer education / awareness	Feasible
SEW_RZ3_EF-WEF_ALL_ALL_h: targeted audits	Water use audit and inspection - Household and non-household water efficiency (RZ3): Hi	Household water audit	Feasible
SEW_RZ3_EF-WEF_ALL_ALL_h: uspl	Customer supply pipe leakage reduction (RZ3): High	Supply pipe repairs / replacement	Feasible
SEW_RZ3_EF-WEF_ALL_ALL_m: leakage fix	Leaky loo find and fix: RZ3: Medium	Household water audit	Preferred
SEW_RZ3_EF-WEF_ALL_ALL_m: targeted audits	Water use audit and inspection - Household and non-household water efficiency (RZ3): M	Household water audit	Preferred
SEW_RZ3_EF-WEF_ALL_ALL_m: uspl	Customer supply pipe leakage reduction (RZ3): Medium	Supply pipe repairs / replacement	Preferred
SEW_RZ3_HI-DES_ALL_CNO_bexhill-10ml/d-con	Desalination at Bexhill (10Ml/d Option)	Desalination	Feasible
SEW_RZ3_HI-DES_ALL_CNO_bexhill-20mld-con	Desalination at Bexhill (20Ml/d Option)	Desalination	Feasible
SEW_RZ3_HI-DES_ALL_CNO_bexhill-30mld-con	Desalination at Bexhill (30Ml/d Option)	Desalination	Feasible
SEW_RZ3_HI-DES_ALL_CNO_eastbourne_10_con	Desalination at Newhaven (RZ3) - Eastbourne (10Ml/d Option)	Desalination	Feasible
SEW_RZ3_HI-DES_ALL_CNO_eastbrn-20mld-con	Desalination at Newhaven (RZ3) - Eastbourne (20Ml/d Option)	Desalination	Feasible
SEW_RZ3_HI-DES_ALL_CNO_eastbrn-30mld-con	Desalination at Newhaven (RZ3) - Eastbourne (30Ml/d Option)	Desalination	Feasible
SEW_RZ3_HI-OTH_ALL_ALL_eastbournechalk-conj	Conjunctive Use Schemes - Eastbourne Chalk Block	Conjunctive use	Feasible
SEW_RZ3_HI-OTH_ALL_ALL_upperrother_conj_use	Conjunctive Use of Surface Water & Groundwater - Upper Rother	Conjunctive use	Feasible
SEW_RZ3_HI-REU_ALL_CNO_peaceh-25-con_arl	Peacehaven Recycling at Arlington (25Ml/d Option)	Water reuse	Feasible
SEW_RZ3_HI-REU_ALL_CNO_peaceh-30-con_arl	Peacehaven Recycling at Arlington (30Ml/d Option) - Construction	Water reuse	Preferred
SEW_RZ3_HI-REU_ALL_DEV_peaceh-30-dev_arl	Peacehaven Recycling at Arlington (30Ml/d Option) - Development	Water reuse	Preferred
SEW_RZ3_HI-REU_ALL_PLA_peaceh-30-plan_arl	Peacehaven Recycling at Arlington (30Ml/d Option) - Planning	Water reuse	Preferred
SEW_RZ3_HI-ROC_NET_ALL_arlngton_maineff-41	RZ3 Zonal Scheme - [EFF-41] - Arlington to Windover Transfer	Trunk mains renewal/new	Feasible
SEW_RZ3_HI-ROC_NET_ALL_arlngton_maineff-42	RZ3 Zonal Scheme - [EFF-42] - Arlington to Windover Transfer	Trunk mains renewal/new	Feasible
SEW_RZ3_HI-ROC_NET_ALL_arlngton_mainres-25	RZ3 Zonal Scheme - [RES-25] - Arlington to Windover Transfer	Trunk mains renewal/new	Feasible
SEW_RZ3_HI-ROC_NET_ALL_arlngton_zonaleff-41	RZ3 Zonal Scheme - [EFF-41] - Arlington to Folkington Reservoir Reinforcement	Trunk mains renewal/new	Feasible
SEW_RZ3_HI-ROC_NET_ALL_arlngton_zonaleff-42	RZ3 Zonal Scheme - [EFF-42] - Arlington to Folkington Reservoir Reinforcement	Trunk mains renewal/new	Feasible
SEW_RZ3_HI-ROC_NET_ALL_arlngton_zonalres-25	RZ3 Zonal Scheme - [RES-25] - Arlington to Folkington Reservoir Reinforcement	Trunk mains renewal/new	Feasible
SEW_RZ3_HI-ROC_NET_ALL_gr-rz3-eb_resiliance	Arlington to Windover Resilience Scheme	Trunk mains renewal/new	Feasible
SEW_RZ3_HI-RSR_ALL_CNO_arlington3900mlcon	New Arlington Reservoir - Construction	New reservoir	Feasible
SEW_RZ3_HI-RSR_ALL_CNO_broadfarm5.5ml_con	Broad Farm Reservoir	New reservoir	Feasible
SEW_RZ3_HI-RSR_ALL_DEV_arlington3900ml_dev	New Arlington Reservoir - Planning & Development	New reservoir	Feasible
SEW_RZ3_HI-TFR_RZ2_ALL_arlington_pipe	New Company Transfer: RZ2 to RZ3 - Barcombe to Arlington (10Ml/d) Phase 1	Internal potable transfer	Feasible
SEW_RZ3_HI-TFR_RZ2_ALL_arlington_pipe_ph2	New Company Transfer: RZ2 to RZ3 - Barcombe to Arlington (10Ml/d) Phase 2	Internal potable transfer	Feasible
SEW_RZ4_EF-CRE_ALL_ALL_h: ami upgrade	AMI upgrade: RZ4: High	Metering other selective	Feasible
SEW_RZ4_EF-CRE_ALL_ALL_h: meter installs	Meter installations (Non-responders): RZ4: High	Metering compulsory	Feasible
SEW_RZ4_EF-CRE_ALL_ALL_m: ami upgrade	AMI upgrade: RZ4: Medium	Metering other selective	Preferred
SEW_RZ4_EF-CRE_ALL_ALL_m: meter installs	Meter installations (Non-responders): RZ4: Medium	Metering compulsory	Preferred
SEW_RZ4_EF-LKR_ALL_ALL_h: detection	Leakage reduction - trunk mains and service reservoir leakage reduction (RZ4): High	Trunk mains renewal/new	Feasible
SEW_RZ4_EF-LKR_ALL_ALL_h: incentives	Individual and community incentives: RZ4: High	Other leakage control	Feasible
SEW_RZ4_EF-LKR_ALL_ALL_h: sew-rz4-lea-114	TM Metering improvements - RZ4: High	Other leakage control	Feasible
SEW_RZ4_EF-LKR_ALL_ALL_h: sew-rz4-lea-124	Leakage reduction - Pressure reduction programmes (RZ4): High	Pressure management	Feasible
SEW_RZ4_EF-LKR_ALL_ALL_m: detection	Leakage reduction - trunk mains and service reservoir leakage reduction (RZ4): Medium	Trunk mains renewal/new	Preferred
SEW_RZ4_EF-LKR_ALL_ALL_m: incentives	Individual and community incentives: RZ4: Medium	Other leakage control	Preferred
SEW_RZ4_EF-LKR_ALL_ALL_m: sew-rz4-lea-114	TM Metering improvements - RZ4: Medium	Other leakage control	Preferred
SEW_RZ4_EF-LKR_ALL_ALL_m: sew-rz4-lea-124	Leakage reduction - Pressure reduction programmes (RZ4): Medium	Pressure management	Preferred
SEW_RZ4_EF-WEF_ALL_ALL_h: 27 nhh online wef	27 NHH Online WEFF Tool: RZ4: High	Water efficiency customer education / awareness	Feasible
SEW_RZ4_EF-WEF_ALL_ALL_h: 7 nhh water butts	7 NHH Water Butts: RZ4: High	Retrofitting indoor water efficiency devices	Feasible
SEW_RZ4_EF-WEF_ALL_ALL_h: innovative tariff	Innovative tariffs: RZ4: High	Tariff	Feasible
SEW_RZ4_EF-WEF_ALL_ALL_h: leakage fix	Home visits to reduce plumbing losses (RZ4): High	Household water audit	Feasible
SEW_RZ4_EF-WEF_ALL_ALL_h: media campaigns	Increased media campaigns and school education: RZ4: High	Water efficiency customer education / awareness	Feasible
SEW_RZ4_EF-WEF_ALL_ALL_h: targeted audits	Water use audit and inspection - Household and non-household water efficiency (RZ4): Hi	Household water audit	Feasible
SEW_RZ4_EF-WEF_ALL_ALL_h: uspl	Customer supply pipe leakage reduction (RZ4): High	Supply pipe repairs / replacement	Feasible
SEW_RZ4_EF-WEF_ALL_ALL_m: leakage fix	Leaky loo find and fix: RZ4: Medium	Household water audit	Preferred
SEW_RZ4_EF-WEF_ALL_ALL_m: media campaigns	Increased media campaigns and school education: RZ4: Medium	Water efficiency customer education / awareness	Preferred
SEW_RZ4_EF-WEF_ALL_ALL_m: targeted audits	Water use audit and inspection - Household and non-household water efficiency (RZ4): M	Household water audit	Preferred
SEW_RZ4_EF-WEF_ALL_ALL_m: uspl	Customer supply pipe leakage reduction (RZ4): Medium	Supply pipe repairs / replacement	Preferred
SEW_RZ4_HI-GRW_ALL_ALL_ngwfarnborough	New Groundwater Scheme - Confined Chalk Around Farnborough	New groundwater	Feasible
SEW_RZ4_HI-LRE_WT2_ALL_gr-rz4-7_resiliance	New Main Between Greywell and Whitedown Resilience Scheme	Water treatment works loss recovery	Feasible
SEW_RZ4_HI-ROC_ALL_ALL_woogarstonnitrate	Woodgarston Nitrate Removal Plant	Water treatment works capacity increase	Feasible
SEW_RZ4_HI-ROC_NET_ALL_gr-rz4-8_resiliance	New main from Greywell/Whitedown link to Cliddesden SR Resilience Scheme	Trunk mains renewal/new	Feasible
SEW_RZ4_HI-ROC_NET_ALL_t2s (cu-whited p 10	New Bulk Supply: TWU to RZ4 - T2S (Culham) spur to Whitedown (10Ml/d)	Trunk mains renewal/new	Feasible
SEW_RZ4_HI-TFR_KVZ_ALL_kennet_buckhurstpipe	New Bulk Supply: TWU to SEW RZ4 Transfer - Kennet to Buckhurst SR (10 Ml/d)	External potable bulk supply/transfer	Feasible
SEW_RZ4_HI-TFR_T2S_ALL_t2s (cu-northg p 10	New Bulk Supply: TWU to RZ4 - T2S (Culham) spur to Northgate (10Ml/d)	External potable bulk supply/transfer	Feasible
SEW_RZ5_EF-CRE_ALL_ALL_h: ami upgrade	AMI upgrade: RZ5: High	Metering other selective	Feasible
SEW_RZ5_EF-CRE_ALL_ALL_h: meter installs	Meter installations (Non-responders): RZ5: High	Metering compulsory	Feasible
SEW_RZ5_EF-CRE_ALL_ALL_m: ami upgrade	AMI upgrade: RZ5: Medium	Metering other selective	Preferred
SEW_RZ5_EF-CRE_ALL_ALL_m: meter installs	Meter installations (Non-responders): RZ5: Medium	Metering compulsory	Preferred
SEW_RZ5_EF-LKR_ALL_ALL_h: detection	Leakage reduction - trunk mains and service reservoir leakage reduction (RZ5): High	Trunk mains renewal/new	Feasible
SEW_RZ5_EF-LKR_ALL_ALL_h: incentives	Individual and community incentives: RZ5: High	Other leakage control	Feasible
SEW_RZ5_EF-LKR_ALL_ALL_h: sew-rz5-lea-115	TM Metering improvements - RZ5: High	Other leakage control	Feasible
SEW_RZ5_EF-LKR_ALL_ALL_h: sew-rz5-lea-125	Leakage reduction - Pressure reduction programmes (RZ5): High	Pressure management	Feasible
SEW_RZ5_EF-LKR_ALL_ALL_m: detection	Leakage reduction - trunk mains and service reservoir leakage reduction (RZ5): Medium	Trunk mains renewal/new	Preferred
SEW_RZ5_EF-LKR_ALL_ALL_m: incentives	Individual and community incentives: RZ5: Medium	Other leakage control	Preferred
SEW_RZ5_EF-LKR_ALL_ALL_m: sew-rz5-lea-115	TM Metering improvements - RZ5: Medium	Other leakage control	Preferred
SEW_RZ5_EF-LKR_ALL_ALL_m: sew-rz5-lea-125	Leakage reduction - Pressure reduction programmes (RZ5): Medium	Pressure management	Preferred
SEW_RZ5_EF-WEF_ALL_ALL_h: 27 nhh online wef	27 NHH Online WEFF Tool: RZ5: High	Water efficiency customer education / awareness	Feasible
SEW_RZ5_EF-WEF_ALL_ALL_h: 7 nhh water butts	7 NHH Water Butts: RZ5: High	Retrofitting indoor water efficiency devices	Feasible
SEW_RZ5_EF-WEF_ALL_ALL_h: innovative tariff	Innovative tariffs: RZ5: High	Tariff	Feasible
SEW_RZ5_EF-WEF_ALL_ALL_h: leakage fix	Home visits to reduce plumbing losses (RZ5): High	Household water audit	Feasible
SEW_RZ5_EF-WEF_ALL_ALL_h: media campaigns	Increased media campaigns and school education: RZ5: High	Water efficiency customer education / awareness	Feasible
SEW_RZ5_EF-WEF_ALL_ALL_h: targeted audits	Water use audit and inspection - Household and non-household water efficiency (RZ5): Hi	Household water audit	Feasible
SEW_RZ5_EF-WEF_ALL_ALL_h: uspl	Customer supply pipe leakage reduction (RZ5): High	Supply pipe repairs / replacement	Feasible
SEW_RZ5_EF-WEF_ALL_ALL_m: leakage fix	Leaky loo find and fix: RZ5: Medium	Household water audit	Preferred
SEW_RZ5_EF-WEF_ALL_ALL_m: targeted audits	Water use audit and inspection - Household and non-household water efficiency (RZ5): M	Household water audit	Preferred
SEW_RZ5_EF-WEF_ALL_ALL_m: uspl	Customer supply pipe leakage reduction (RZ5): Medium	Supply pipe repairs / replacement	Preferred
SEW_RZ5_HI-ROC_NET_ALL_gr-rz5-15_resiliance	Headley Park Pump and Rising Main Upsize Resilience Scheme	Trunk mains renewal/new	Feasible
SEW_RZ5_HI-ROC_NET_ALL_oakhanger_wtw_resili	Oakhanger WTW Clear Water Tank Resilience Scheme	Trunk mains renewal/new	Feasible
SEW_RZ5_HI-ROC_NET_ALL_oakhangerzonal	RZ5 Zonal Scheme - [DMP-6] - Phase I Oakhanger to Alton	Trunk mains renewal/new	Feasible
SEW_RZ6_EF-CRE_ALL_ALL_h: ami upgrade	AMI upgrade: RZ6: High	Metering other selective	Feasible
SEW_RZ6_EF-CRE_ALL_ALL_h: meter installs	Meter installations (Non-responders): RZ6: High	Metering compulsory	Feasible
SEW_RZ6_EF-CRE_ALL_ALL_m: ami upgrade	AMI upgrade: RZ6: Medium	Metering other selective	Preferred
SEW_RZ6_EF-CRE_ALL_ALL_m: meter installs	Meter installations (Non-responders): RZ6: Medium	Metering compulsory	Preferred

Option ID	Option Name	Option type	Option status
SEW_RZ6_EF-LKR_ALL_ALL_h: detection	Leakage reduction - trunk mains and service reservoir leakage reduction (RZ6): High	Trunk mains renewal/new	Feasible
SEW_RZ6_EF-LKR_ALL_ALL_h: incentives	Individual and community incentives: RZ6: High	Other leakage control	Feasible
SEW_RZ6_EF-LKR_ALL_ALL_h: sew-rz6-lea-116	TM Metering improvements - RZ6: High	Other leakage control	Feasible
SEW_RZ6_EF-LKR_ALL_ALL_h: sew-rz6-lea-126	Leakage reduction - Pressure reduction programmes (RZ6): High	Pressure management	Feasible
SEW_RZ6_EF-LKR_ALL_ALL_m: detection	Leakage reduction - trunk mains and service reservoir leakage reduction (RZ6): Medium	Trunk mains renewal/new	Preferred
SEW_RZ6_EF-LKR_ALL_ALL_m: incentives	Individual and community incentives: RZ6: Medium	Other leakage control	Preferred
SEW_RZ6_EF-LKR_ALL_ALL_m: sew-rz6-lea-116	TM Metering improvements - RZ6: Medium	Other leakage control	Preferred
SEW_RZ6_EF-LKR_ALL_ALL_m: sew-rz6-lea-126	Leakage reduction - Pressure reduction programmes (RZ6): Medium	Pressure management	Preferred
SEW_RZ6_EF-WEF_ALL_ALL_h: 27 nhh online wef	27 NHH Online WEFF Tool: RZ6: High	Water efficiency customer education / awareness	Feasible
SEW_RZ6_EF-WEF_ALL_ALL_h: 7 nhh water butts	7 NHH Water Butts: RZ6: High	Retrofitting indoor water efficiency devices	Feasible
SEW_RZ6_EF-WEF_ALL_ALL_h: innovative tariff	Innovative tariffs: RZ6: High	Tariff	Feasible
SEW_RZ6_EF-WEF_ALL_ALL_h: leakage fix	Home visits to reduce plumbing losses (RZ6): High	Household water audit	Feasible
SEW_RZ6_EF-WEF_ALL_ALL_h: media campaigns	Increased media campaigns and school education: RZ6: High	Water efficiency customer education / awareness	Feasible
SEW_RZ6_EF-WEF_ALL_ALL_h: targeted audits	Water use audit and inspection - Household and non-household water efficiency (RZ6): Hi	Household water audit	Feasible
SEW_RZ6_EF-WEF_ALL_ALL_h: uspl	Customer supply pipe leakage reduction (RZ6): High	Supply pipe repairs / replacement	Feasible
SEW_RZ6_EF-WEF_ALL_ALL_m: leakage fix	Leaky loo find and fix: RZ6: Medium	Household water audit	Preferred
SEW_RZ6_EF-WEF_ALL_ALL_m: media campaigns	Increased media campaigns and school education: RZ6: Medium	Water efficiency customer education / awareness	Preferred
SEW_RZ6_EF-WEF_ALL_ALL_m: targeted audits	Water use audit and inspection - Household and non-household water efficiency (RZ6): M	Household water audit	Preferred
SEW_RZ6_EF-WEF_ALL_ALL_m: uspl	Customer supply pipe leakage reduction (RZ6): Medium	Supply pipe repairs / replacement	Preferred
SEW_RZ6_HI-ROC_NET_ALL_aylesfordzonescheme	RZ6 Zonal Scheme - [NGW-44] - Mains from Aylesford to Kingshill booster and Kingshill bo	Trunk mains renewal/new	Feasible
SEW_RZ6_HI-ROC_NET_ALL_hallingzonal_dmp-5	RZ6 Zonal Scheme - [DMP-5]Complete reinforcement to Halling Reservoir	Trunk mains renewal/new	Feasible
SEW_RZ6_HI-TFR_RZ8_ALL_canterb-maidst p	New Company Transfer: RZ8 to RZ6 Transfer - Canterbury to Maidstone (70Ml/d)	Internal potable transfer	Feasible
SEW_RZ6_HI-TFR_RZ8_ALL_canterb-maidst p_reverse	New Company Transfer: RZ8 to RZ6 Transfer - Canterbury to Maidstone (70Ml/d) (Reverse	Internal potable transfer	Feasible
SEW_RZ6_HI-TFR_RZ8_ALL_maidstone15_pipe	New Company Transfer: RZ8 to RZ6 Transfer - Canterbury to Maidstone (15 Ml/d)	Internal potable transfer	Feasible
SEW_RZ6_HI-TFR_RZ8_ALL_maidstone15_pipe_reverse	New Company Transfer: RZ8 to RZ6 Transfer - Canterbury to Maidstone (15 Ml/d) (Reverse	Internal potable transfer	Feasible
SEW_RZ6_HI-TFR_RZ8_ALL_maidstone30_pipe	New Company Transfer: RZ8 to RZ6 Transfer - Canterbury to Maidstone (30Ml/d)	Internal potable transfer	Feasible
SEW_RZ6_HI-TFR_RZ8_ALL_maidstone30_pipe_reverse	New Company Transfer: RZ8 to RZ6 Transfer - Canterbury to Maidstone (30Ml/d) (Reverse	Internal potable transfer	Feasible
SEW_RZ6_HI-TFR_SES_ALL_medway_10mld_pipe	New Bulk Supply: SESW to SEW RZ6 Transfer - River Medway abstraction at Forstal - releas	External potable bulk supply/transfer	Feasible
SEW_RZ6_HI-TFR_SES_ALL_medway_5mld_pipe	New Bulk Supply: SESW to SEW RZ6 Transfer - River Medway abstraction at Forstal - releas	External potable bulk supply/transfer	Feasible
SEW_RZ7_BG-CAT_ALL_ALL_beult-wet-su	Scale Up - Biddenden Beult - Headwater Wetland Option	Catchment management	Feasible
SEW_RZ7_BG-CAT_ALL_ALL_bid-wet	Biddenden Beult - Headwater Wetland Option	Catchment management	Preferred
SEW_RZ7_BG-CAT_ALL_ALL_bid-wh-su	Scale up- Water Harvesting from farm buildings reducing combined sewer flows	Catchment management	Feasible
SEW_RZ7_EF-CRE_ALL_ALL_h: ami upgrade	AMI upgrade: RZ7: High	Metering other selective	Feasible
SEW_RZ7_EF-CRE_ALL_ALL_h: meter installs	Meter installations (Non-responders): RZ7: High	Metering compulsory	Feasible
SEW_RZ7_EF-CRE_ALL_ALL_m: ami upgrade	AMI upgrade: RZ7: Medium	Metering other selective	Preferred
SEW_RZ7_EF-CRE_ALL_ALL_m: meter installs	Meter installations (Non-responders): RZ7: Medium	Metering compulsory	Preferred
SEW_RZ7_EF-LKR_ALL_ALL_h: detection	Leakage reduction - trunk mains and service reservoir leakage reduction (RZ7): High	Trunk mains renewal/new	Feasible
SEW_RZ7_EF-LKR_ALL_ALL_h: incentives	Individual and community incentives: RZ7: High	Other leakage control	Feasible
SEW_RZ7_EF-LKR_ALL_ALL_h: sew-rz7-lea-117	TM Metering improvements - RZ7: High	Other leakage control	Feasible
SEW_RZ7_EF-LKR_ALL_ALL_h: sew-rz7-lea-127	Leakage reduction - Pressure reduction programmes (RZ7): High	Pressure management	Feasible
SEW_RZ7_EF-LKR_ALL_ALL_m: detection	Leakage reduction - trunk mains and service reservoir leakage reduction (RZ7): Medium	Trunk mains renewal/new	Preferred
SEW_RZ7_EF-LKR_ALL_ALL_m: incentives	Individual and community incentives: RZ7: Medium	Other leakage control	Preferred
SEW_RZ7_EF-LKR_ALL_ALL_m: sew-rz7-lea-117	TM Metering improvements - RZ7: Medium	Other leakage control	Preferred
SEW_RZ7_EF-LKR_ALL_ALL_m: sew-rz7-lea-127	Leakage reduction - Pressure reduction programmes (RZ7): Medium	Pressure management	Preferred
SEW_RZ7_EF-WEF_ALL_ALL_h: 27 nhh online wef	27 NHH Online WEFF Tool: RZ7: High	Water efficiency customer education / awareness	Feasible
SEW_RZ7_EF-WEF_ALL_ALL_h: 7 nhh water butts	7 NHH Water Butts: RZ7: High	Retrofitting indoor water efficiency devices	Feasible
SEW_RZ7_EF-WEF_ALL_ALL_h: innovative tariff	Innovative tariffs: RZ7: High	Tariff	Feasible
SEW_RZ7_EF-WEF_ALL_ALL_h: leakage fix	Home visits to reduce plumbing losses (RZ7): High	Household water audit	Feasible
SEW_RZ7_EF-WEF_ALL_ALL_h: media campaigns	Increased media campaigns and school education: RZ7: High	Water efficiency customer education / awareness	Feasible
SEW_RZ7_EF-WEF_ALL_ALL_h: targeted audits	Water use audit and inspection - Household and non-household water efficiency (RZ7): Hi	Household water audit	Feasible
SEW_RZ7_EF-WEF_ALL_ALL_h: uspl	Customer supply pipe leakage reduction (RZ7): High	Supply pipe repairs / replacement	Feasible
SEW_RZ7_EF-WEF_ALL_ALL_m: leakage fix	Leaky loo find and fix: RZ7: Medium	Household water audit	Preferred
SEW_RZ7_EF-WEF_ALL_ALL_m: targeted audits	Water use audit and inspection - Household and non-household water efficiency (RZ7): M	Household water audit	Preferred
SEW_RZ7_EF-WEF_ALL_ALL_m: uspl	Customer supply pipe leakage reduction (RZ7): Medium	Supply pipe repairs / replacement	Preferred
SEW_RZ7_HI-ROC_ALL_ALL_bewlbridgewtw5mld	Bewl Bridge WTW Expansion (5Ml/d)	Water treatment works capacity increase	Feasible
SEW_RZ8_EF-CRE_ALL_ALL_l: ami upgrade	AMI upgrade: RZ8: Low	Metering other selective	Refined Feasible
SEW_RZ8_EF-CRE_ALL_ALL_l: meter installs	Meter installations (Non-responders): RZ8: Low	Metering compulsory	Refined Feasible
SEW_RZ8_EF-CRE_ALL_ALL_m: ami upgrade	AMI upgrade: RZ8: Medium	Metering other selective	Preferred
SEW_RZ8_EF-CRE_ALL_ALL_m: meter installs	Meter installations (Non-responders): RZ8: Medium	Metering compulsory	Preferred
SEW_RZ8_EF-LKR_ALL_ALL_l: detection	Leakage reduction - trunk mains and service reservoir leakage reduction (RZ8): Low	Trunk mains renewal/new	Refined Feasible
SEW_RZ8_EF-LKR_ALL_ALL_l: incentives	Individual and community incentives: RZ8: Low	Other leakage control	Refined Feasible
SEW_RZ8_EF-LKR_ALL_ALL_l: sew-rz8-lea-118	TM Metering improvements - RZ8: Low	Other leakage control	Refined Feasible
SEW_RZ8_EF-LKR_ALL_ALL_l: sew-rz8-lea-128	Leakage reduction - Pressure reduction programmes (RZ8): Low	Pressure management	Refined Feasible
SEW_RZ8_EF-LKR_ALL_ALL_m: detection	Leakage reduction - trunk mains and service reservoir leakage reduction (RZ8): Medium	Trunk mains renewal/new	Preferred
SEW_RZ8_EF-LKR_ALL_ALL_m: incentives	Individual and community incentives: RZ8: Medium	Other leakage control	Preferred
SEW_RZ8_EF-LKR_ALL_ALL_m: sew-rz8-lea-118	TM Metering improvements - RZ8: Medium	Other leakage control	Preferred
SEW_RZ8_EF-LKR_ALL_ALL_m: sew-rz8-lea-128	Leakage reduction - Pressure reduction programmes (RZ8): Medium	Pressure management	Preferred
SEW_RZ8_EF-WEF_ALL_ALL_l: leakage fix	Leaky loo find and fix: RZ8: Low	Household water audit	Refined Feasible
SEW_RZ8_EF-WEF_ALL_ALL_l: targeted audits	Water use audit and inspection - Household and non-household water efficiency (RZ8): Lo	Household water audit	Refined Feasible
SEW_RZ8_EF-WEF_ALL_ALL_l: uspl	Customer supply pipe leakage reduction (RZ8): Low	Supply pipe repairs / replacement	Refined Feasible
SEW_RZ8_EF-WEF_ALL_ALL_m: leakage fix	Leaky loo find and fix: RZ8: Medium	Household water audit	Preferred
SEW_RZ8_EF-WEF_ALL_ALL_m: media campaigns	Increased media campaigns and school education: RZ8: Medium	Water efficiency customer education / awareness	Preferred
SEW_RZ8_EF-WEF_ALL_ALL_m: targeted audits	Water use audit and inspection - Household and non-household water efficiency (RZ8): M	Household water audit	Preferred
SEW_RZ8_EF-WEF_ALL_ALL_m: uspl	Customer supply pipe leakage reduction (RZ8): Medium	Supply pipe repairs / replacement	Preferred
SEW_RZ8_HI-DES_ALL_CNO_reculver_10mld_con	Desalination at Reculver (10Ml/d Option)	Desalination	Feasible
SEW_RZ8_HI-DES_ALL_CNO_reculver-20mld-con	Desalination at Reculver (20Ml/d Option)	Desalination	Feasible
SEW_RZ8_HI-OTH_ALL_ALL_greatstour-conj	Conjunctive Use of Surface Water & Groundwater - Great Stour	Conjunctive use	Feasible
SEW_RZ8_HI-ROC_NET_ALL_broadoakzonal_res-23	RZ8 Zonal Scheme - [RES-23] - Distribute extra water from Broad Oak	Trunk mains renewal/new	Feasible
SEW_RZ8_HI-ROC_NET_ALL_gr-rz8-nd-102_resili	Wellwood Reservoir to Potters Corner Reservoir Resilience Scheme	Trunk mains renewal/new	Feasible
SEW_RZ8_HI-ROC_NET_ALL_kingsno-canter p 10	New RZ8 Zonal Scheme: Kingsnorth to Canterbury (10Ml/d)	Trunk mains renewal/new	Feasible
SEW_RZ8_HI-RSR_ALL_ALL_aldfs	Aldington Flood Storage Area	New reservoir	Preferred
SEW_RZ8_HI-RSR_ALL_ALL_aldfs-su	Aldington Scale Up	New reservoir	Preferred
SEW_spur from-exedown p	New Bulk Supply: TWU to RZ6 - Spur from Honor Oak-Burham Pipeline to Exedown (10Ml/	External potable bulk supply/transfer	Feasible
SEW_weir_forestrow_group	Weirwood to Forest Row Resilience Scheme	External potable bulk supply/transfer	Feasible
SEW_wokingham_kennet	New Bulk Supply: TWU to SEW RZ4 Transfer - Kennet to Wokingham (5 Ml/d)	External potable bulk supply/transfer	Feasible
SEW_AZ7_HI-TFR_RZ8_ALL_canterb-barham p 15	Canterbury (Broad Oak) to Barham: 15Ml/d (Reverse)	External potable bulk supply/transfer	Refined Feasible
SEW_AZ7_HI-TFR_RZ8_ALL_canterb-barham p 20	Canterbury (Broad Oak) to Barham: 20Ml/d (Reverse)	External potable bulk supply/transfer	Refined Feasible
SEW_AZ7_HI-TFR_RZ8_ALL_canterb-barham p 30	Canterbury (Broad Oak) to Barham: 30Ml/d (Reverse)	External potable bulk supply/transfer	Refined Feasible
SEW_barcombe-bewl p	Barcombe to Bewl: 30Ml/d	Internal potable transfer	Refined Feasible
SEW_barcombe-bewl p reverse	Bewl to Barcombe: 30Ml/d	Internal potable transfer	Refined Feasible
SEW_bewlraise_sew_group	Bewl Reservoir Raising - SEW Benefit	External potable bulk supply/transfer	Refined Feasible
SEW_burham-riverhil p	Burham to Riverhill: 30Ml/d	External potable bulk supply/transfer	Refined Feasible
SEW_cm_p2_adur ouse	Portfolio 2 (Upscaled): Adur and Ouse	Catchment management	Refined Feasible
SEW_cm_p2_arun west	Portfolio 2 (Upscaled): Arun and Western Streams	Catchment management	Refined Feasible
SEW_cm_p2_cuckmere pev	Portfolio 2 (Upscaled): Cuckmere and Pevensey Levels	Catchment management	Refined Feasible
SEW_cm_p2_darent cray	Portfolio 2 (Upscaled): Darent and Cray	Catchment management	Refined Feasible
SEW_cm_p2_east hampshire	Portfolio 2 (Upscaled): East Hampshire	Catchment management	Refined Feasible
SEW_cm_p2_kent north	Portfolio 2 (Upscaled): North Kent	Catchment management	Refined Feasible
SEW_cm_p2_loddon trib	Portfolio 2 (Upscaled): Loddon and tributaries	Catchment management	Refined Feasible
SEW_cm_p2_maidenhead su	Portfolio 2 (Upscaled): Maidenhead and Sunbury	Catchment management	Refined Feasible
SEW_cm_p2_medway	Portfolio 2 (Upscaled): Medway	Catchment management	Refined Feasible
SEW_cm_p2_rother	Portfolio 2 (Upscaled): Rother	Catchment management	Refined Feasible
SEW_cm_p2_stour	Portfolio 2 (Upscaled): Stour	Catchment management	Refined Feasible
SEW_cm_p2_test itchen	Portfolio 2 (Upscaled): Test and Itchen	Catchment management	Refined Feasible
SEW_cm_p2_wey trib	Portfolio 2 (Upscaled): Wey and tributaries	Catchment management	Refined Feasible
SEW_cm_p3_adur ouse	Portfolio 3 (Augmented): Adur and Ouse	Catchment management	Refined Feasible
SEW_cm_p3_arun west	Portfolio 3 (Augmented): Arun and Western Streams	Catchment management	Refined Feasible
SEW_cm_p3_cuckmere pev	Portfolio 3 (Augmented): Cuckmere and Pevensey Levels	Catchment management	Refined Feasible

Option ID	Option Name	Option type	Option status
SEW_cm_p3_darent cray	Portfolio 3 (Augmented): Darent and Cray	Catchment management	Refined Feasible
SEW_cm_p3_east hampshire	Portfolio 3 (Augmented): East Hampshire	Catchment management	Refined Feasible
SEW_cm_p3_kent north	Portfolio 3 (Augmented): North Kent	Catchment management	Refined Feasible
SEW_cm_p3_loddon trib	Portfolio 3 (Augmented): Loddon and tributaries	Catchment management	Refined Feasible
SEW_cm_p3_maidenhead su	Portfolio 3 (Augmented): Maidenhead and Sunbury	Catchment management	Refined Feasible
SEW_cm_p3_medway	Portfolio 3 (Augmented): Medway	Catchment management	Refined Feasible
SEW_cm_p3_rother	Portfolio 3 (Augmented): Rother	Catchment management	Refined Feasible
SEW_cm_p3_stour	Portfolio 3 (Augmented): Stour	Catchment management	Refined Feasible
SEW_cm_p3_test itchen	Portfolio 3 (Augmented): Test and Itchen	Catchment management	Refined Feasible
SEW_cm_p3_wey trib	Portfolio 3 (Augmented): Wey and tributaries	Catchment management	Refined Feasible
SEW_gov-led a hybrid	Demand Management: Gov-led A Hybrid	Water efficiency customer education / awareness	Refined Feasible
SEW_gov-led c hybrid	Demand Management: Gov-led C Hybrid	Water efficiency customer education / awareness	Refined Feasible
SEW_gov-led d hybrid	Demand Management: Gov-led D Hybrid	Water efficiency customer education / awareness	Refined Feasible
SEW_gov-led e hybrid	Demand Management: Gov-led E Hybrid	Water efficiency customer education / awareness	Refined Feasible
SEW_gov-led f hybrid	Demand Management: Gov-led F Hybrid	Water efficiency customer education / awareness	Refined Feasible
SEW_gov-led g hybrid	Demand Management: Gov-led G Hybrid	Water efficiency customer education / awareness	Refined Feasible
SEW_gov-led high hybrid	Demand Management: Gov-led High	Water efficiency customer education / awareness	Refined Feasible
SEW_gov-led medium hybrid	Demand Management: Gov-led Medium	Water efficiency customer education / awareness	Refined Feasible
SEW_KTZ_HI-TFR_RZ8_ALL_canterb-wingha p 40	New Bulk Supply: SWS to RZ8 - Wingham to Canterbury (40 Ml/d)	External potable bulk supply/transfer	Refined Feasible
SEW_KTZ_HI-TFR_RZ8_ALL_canterb-wingha p 60	New Bulk Supply: SWS to RZ8 - Wingham to Canterbury (60 Ml/d)	External potable bulk supply/transfer	Refined Feasible
SEW_RZ2_HI-GRW_ALL_ALL_seaford_chalk_gw	Seaford Chalk Groundwater Scheme	New groundwater	Refined Feasible
SEW_RZ2_HI-TFR_SBZ_ALL_brighto-barcom p 20	Brighton to Barcombe: 20Ml/d	External potable bulk supply/transfer	Refined Feasible
SEW_RZ2_HI-TFR_SBZ_ALL_brighto-barcom p 40	Brighton to Barcombe: 40Ml/d	External potable bulk supply/transfer	Refined Feasible
SEW_RZ2_HI-TFR_SBZ_ALL_brighto-barcom p 5	Brighton to Barcombe: 5Ml/d	External potable bulk supply/transfer	Refined Feasible
SEW_RZ2_HI-TFR_SES_ALL_bough b-whitel r 10	New Raw bulk Supply: SESW to RZ2 - Bough Beech to Whitely Hill (10Ml/d)	Water treatment works capacity increase	Refined Feasible
SEW_RZ2_HI-TFR_SES_ALL_bough b-whitel r 5	New Raw bulk Supply: SESW to RZ2 - Bough Beech to Whitely Hill (5Ml/d)	Water treatment works capacity increase	Refined Feasible
SEW_RZ2_HI-TFR_SNZ_ALL_hardham-cuckfi p 15	Hardham to Cuckfield: 15Ml/d	External potable bulk supply/transfer	Refined Feasible
SEW_RZ2_HI-TFR_SNZ_ALL_hardham-cuckfi p 50	Hardham to Cuckfield: 50Ml/d	External potable bulk supply/transfer	Refined Feasible
SEW_RZ2_HI-TFR_SNZ_ALL_turners-cuckfi p 10	Turners Hill to Cuckfield: 10Ml/d	External potable bulk supply/transfer	Refined Feasible
SEW_RZ2_HI-TFR_SNZ_ALL_turners-cuckfi p 25	Turners Hill to Cuckfield: 25Ml/d	External potable bulk supply/transfer	Refined Feasible
SEW_RZ2_HI-TFR_SNZ_ALL_turners-whitel p 10	Turners Hill to Whitely Hill: 10Ml/d	External potable bulk supply/transfer	Refined Feasible
SEW_RZ2_HI-TFR_SNZ_ALL_turners-whitel p 100	Turners Hill to Whitely Hill: 100Ml/d	External potable bulk supply/transfer	Refined Feasible
SEW_RZ2_HI-TFR_SNZ_ALL_turners-whitel p 25	Turners Hill to Whitely Hill: 25Ml/d	External potable bulk supply/transfer	Refined Feasible
SEW_RZ2_HI-TFR_SNZ_ALL_turners-whitel p 50	Turners Hill to Whitely Hill: 50Ml/d	External potable bulk supply/transfer	Refined Feasible
SEW_RZ2_HI-TFR_WWD_ALL_spur of-arding r 100_p1	100Ml/d Spur off Drungewick Manor to Weir Wood to Ardingly: (Phase 1 :25 Ml/d WTW)	External raw water bulk supply/transfer	Refined Feasible
SEW_RZ2_HI-TFR_WWD_ALL_spur of-arding r 100_p2	100Ml/d Spur off Drungewick Manor to Weir Wood to Ardingly: (Phase 2 :25 Ml/d WTW)	External raw water bulk supply/transfer	Refined Feasible
SEW_RZ2_HI-TFR_WWD_ALL_spur of-arding r 100_p3	100Ml/d Spur off Drungewick Manor to Weir Wood to Ardingly: (Phase 3 :25 Ml/d WTW)	External raw water bulk supply/transfer	Refined Feasible
SEW_RZ2_HI-TFR_WWD_ALL_spur of-arding r 100_p4	100Ml/d Spur off Drungewick Manor to Weir Wood to Ardingly: (Phase 4 :25 Ml/d WTW)	External raw water bulk supply/transfer	Refined Feasible
SEW_RZ2_HI-TFR_WWD_ALL_spur of-arding r 50_p1	50Ml/d Spur off Drungewick Manor to Weir Wood to Ardingly: (Phase 1 :25 Ml/d WTW)	External raw water bulk supply/transfer	Refined Feasible
SEW_RZ2_HI-TFR_WWD_ALL_spur of-arding r 50_p2	50Ml/d Spur off Drungewick Manor to Weir Wood to Ardingly: (Phase 2 :25 Ml/d WTW)	External raw water bulk supply/transfer	Refined Feasible
SEW_RZ2_RE-DRP_ALL_ALL_dmpouse	Drought permit - RZ2 - River Ouse - Summer version	Drought permits/orders	Refined Feasible
SEW_RZ2_RE-DRP_ALL_ALL_dmpouse_winter	Drought permit - RZ2 - River Ouse - Winter Version	Drought permits/orders	Refined Feasible
SEW_RZ3_HI-REU_ALL_CNO_wllrshvn-reuse_con_standard_net	Bexhill Recycling to Wallers Haven & Standard Hill SR upgrade	Water reuse	Refined Feasible
SEW_RZ3_HI-REU_ALL_CNO_wllrshvn-reuse_hazard_net	Bexhill Recycling to Wallers Haven & Standard Hill Reinforcement	Water reuse	Refined Feasible
SEW_RZ3_HI-ROC_NET_ALL_arlingt-hazard p 10	RZ3 Zonal Scheme - Arlington to Hazards Green (10Ml/d)	Trunk mains renewal/new	Refined Feasible
SEW_RZ3_HI-ROC_NET_ALL_arlingt-hazard p 20	RZ3 Zonal Scheme - Arlington to Hazards Green (20Ml/d)	Trunk mains renewal/new	Refined Feasible
SEW_RZ3_HI-TFR_RZ2_ALL_barcomb-arling p	New Company Transfer: RZ2 to RZ3 - Barcombe to Arlington (20Ml/d)	Internal potable transfer	Refined Feasible
SEW_RZ3_HI-TFR_SHZ_ALL_brede-hazard p 10	New Bulk Supply: SWS to RZ3 - Brede to Hazards Green (10 Ml/d)	External potable bulk supply/transfer	Refined Feasible
SEW_RZ3_HI-TFR_SHZ_ALL_brede-hazard p 20	New Bulk Supply: SWS to RZ3 - Brede to Hazards Green (20 Ml/d)	External potable bulk supply/transfer	Refined Feasible
SEW_RZ3_RE-DRP_ALL_ALL_dmpcuckmere	Drought permit - RZ3 - River Cuckmere - Minor Env Impact	Drought permits/orders	Refined Feasible
SEW_RZ4_HI-GRW_ALL_ALL_farnboroughchalk	ASR Confined Chalk around Farnborough	Aquifer recharge/Aquifer storage recovery	Refined Feasible
SEW_RZ4_HI-TFR_KVZ_ALL_kennet-buckhu p 15	New Bulk Supply: TWU to RZ4 - Kennet to Buckhurst (15Ml/d)	External potable bulk supply/transfer	Refined Feasible
SEW_RZ4_HI-TFR_KVZ_ALL_kennet-buckhu p 25	New Bulk Supply: TWU to RZ4 - Kennet to Buckhurst (25Ml/d)	External potable bulk supply/transfer	Refined Feasible
SEW_RZ4_HI-TFR_T2S_ALL_t2s (cu-northg p 100	New Bulk Supply: TWU to RZ4 - T2S (Culham) spur to Northgate (100Ml/d)	External potable bulk supply/transfer	Refined Feasible
SEW_RZ4_HI-TFR_T2S_ALL_t2s (cu-northg p 150	New Bulk Supply: TWU to RZ4 - T2S (Culham) spur to Northgate (150Ml/d)	External potable bulk supply/transfer	Refined Feasible
SEW_RZ4_HI-TFR_T2S_ALL_t2s (cu-northg p 50	New Bulk Supply: TWU to RZ4 - T2S (Culham) spur to Northgate (50Ml/d)	External potable bulk supply/transfer	Refined Feasible
SEW_RZ4_HI-TFR_T2S_ALL_t2s (re-northg p 100	New Bulk Supply: TWU to RZ4 - T2S (Reading) spur to Northgate (100Ml/d)	External potable bulk supply/transfer	Refined Feasible
SEW_RZ4_HI-TFR_T2S_ALL_t2s (re-northg p 150	New Bulk Supply: TWU to RZ4 - T2S (Reading) spur to Northgate (150Ml/d)	External potable bulk supply/transfer	Refined Feasible
SEW_RZ4_HI-TFR_T2S_ALL_t2s (re-northg p 50	New Bulk Supply: TWU to RZ4 - T2S (Reading) spur to Northgate (50Ml/d)	External potable bulk supply/transfer	Refined Feasible
SEW_RZ4_HI-TFR_T2S_ALL_t2s (re-northg p 80	New Bulk Supply: TWU to RZ4 - T2S (Reading) spur to Northgate (80Ml/d)	External potable bulk supply/transfer	Refined Feasible
SEW_RZ5_HI-TFR_RZ4_ALL_northga-tilmor p 10	Northgate to Tilmore: 10Ml/d	Internal potable transfer	Refined Feasible
SEW_RZ5_HI-TFR_RZ4_ALL_northga-tilmor p 10_reverse	Northgate to Tilmore: 10Ml/d (Reverse)	Internal potable transfer	Refined Feasible
SEW_RZ5_HI-TFR_RZ4_ALL_northga-tilmor p 100	Northgate to Tilmore: 100Ml/d	Internal potable transfer	Refined Feasible
SEW_RZ5_HI-TFR_RZ4_ALL_northga-tilmor p 100_reverse	Northgate to Tilmore: 100Ml/d (Reverse)	Internal potable transfer	Refined Feasible
SEW_RZ5_HI-TFR_RZ4_ALL_northga-tilmor p 150	Northgate to Tilmore: 150Ml/d	Internal potable transfer	Refined Feasible
SEW_RZ5_HI-TFR_RZ4_ALL_northga-tilmor p 150_reverse	Northgate to Tilmore: 150Ml/d (Reverse)	Internal potable transfer	Refined Feasible
SEW_RZ5_HI-TFR_RZ4_ALL_northga-tilmor p 50	Northgate to Tilmore: 50Ml/d	Internal potable transfer	Refined Feasible
SEW_RZ5_HI-TFR_RZ4_ALL_northga-tilmor p 50_reverse	Northgate to Tilmore: 50Ml/d (Reverse)	Internal potable transfer	Refined Feasible
SEW_RZ5_HI-TFR_RZ4_ALL_northga-tilmor p 80	Northgate to Tilmore: 80Ml/d	Internal potable transfer	Refined Feasible
SEW_RZ5_HI-TFR_RZ4_ALL_northga-tilmor p 80_reverse	Northgate to Tilmore: 80Ml/d (Reverse)	Internal potable transfer	Refined Feasible
SEW_RZ7_HI-TFR_RZ1_ALL_blackhu-bewl p	Blackhurst to Bewl: 15Ml/d	Internal potable transfer	Refined Feasible
SEW_RZ8_HI-GRW_ALL_ALL_stockbury_asr	ASR Scheme at Stockbury	Aquifer recharge/Aquifer storage recovery	Refined Feasible
SEW_RZ8_HI-REU_ALL_CNO_favershamwwtw_con	Faversham Recyling to the Stour	Water reuse	Refined Feasible
SEW_RZ8_HI-REU_ALL_CNO_hythe_eff_reuse_con	Hythe Recycling to the East Stour	Water reuse	Refined Feasible
SEW_RZ8_HI-ROC_NET_ALL_kingsno-canter p 20	New RZ8 Zonal Scheme: Kingsnorth to Canterbury (20Ml/d)	Trunk mains renewal/new	Refined Feasible
SEW_RZ8_HI-TFR_SHZ_ALL_brede-kingsn p 20	Brede to Kingsnorth: 20Ml/d	External potable bulk supply/transfer	Refined Feasible
SEW_SBZ_HI-TFR_RZ2_ALL_cuckfie-bright p 20	Cuckfield to SBZ: 20Ml/d (Reverse)	External potable bulk supply/transfer	Refined Feasible
SEW_SBZ_HI-TFR_RZ2_ALL_cuckfie-bright p 40	Cuckfield to SBZ: 40Ml/d (Reverse)	External potable bulk supply/transfer	Refined Feasible
SEW_SBZ_HI-TFR_RZ2_ALL_cuckfie-bright p 5	Cuckfield to SBZ: 5Ml/d (Reverse)	External potable bulk supply/transfer	Refined Feasible
SEW_SHZ_HI-TFR_RZ3_ALL_arlingt-brede p 10	Arlington to Rye: 10Ml/d (Reverse)	External potable bulk supply/transfer	Refined Feasible
SEW_SHZ_HI-TFR_RZ3_ALL_arlingt-brede p 20	Arlington to Rye: 20Ml/d (Reverse)	External potable bulk supply/transfer	Refined Feasible
SEW_swalecliffe_group	Swalecliffe Recycling to the Great Stour	Water reuse	Refined Feasible
SEW_t2stnorthgate(culham)	10Ml/d Water Treatment works - Linked to T2S Northgate option (from Culham)	Water treatment works capacity increase	Refined Feasible
SEW_t2stnorthgate(reading)	10Ml/d Water Treatment works - Linked to T2S Northgate option (from Reading)	Water treatment works capacity increase	Refined Feasible
SEW_t2stwhitedown(culham)	10Ml/d Water Treatment works - Linked to T2S Whitedown option (from Culham)	Water treatment works capacity increase	Refined Feasible
SEW_t2stwhitedown(reading)	10Ml/d Water Treatment works - Linked to T2S Whitedown option (from Reading)	Water treatment works capacity increase	Refined Feasible
SEW_weatherlees_group	Weatherlees Recycling to the Great Stour	Water reuse	Refined Feasible
SEW_weir wood-rz6 r	Weir Wood to RZ6: 10000Ml/d	External raw water bulk supply/transfer	Refined Feasible
SEW_weir wood-rz7 r	Weir Wood to RZ7: 10000Ml/d	External raw water bulk supply/transfer	Refined Feasible
SEW_gov-led low hybrid	Demand Management: Gov-led Low	Water efficiency customer education / awareness	Refined Feasible
SWS_3xsm1_hsw	Transfer: Triplicate cross-Solent main - bi-directional transfer (8Ml/d) HSW	Internal potable transfer	Preferred
SWS_3xsm1_iow	Transfer: Triplicate cross-Solent main - bi-directional transfer (8Ml/d) IOW	Internal potable transfer	Preferred
SWS_3xsm1_plan_dev	Transfer: Triplicate cross-Solent main - bi-directional transfer (8Ml/d) Planning and Develo	Internal potable transfer	Preferred
SWS_aff2nap	Import: AFW at Napchester (0.1Ml/d)	External potable bulk supply/transfer	Preferred
SWS_bewl2sh	Transfer: Existing Bewl-SHZ (35Ml/d)	Internal raw water transfer	Preferred
SWS_broadrom	Transfer: Romsey Town & Broadlands valve (HSW to HRZ)	Internal potable transfer	Feasible
SWS_broadrom_reverse	Transfer: Romsey Town & Broadlands valve (HRZ to HSW)	Internal potable transfer	Feasible
SWS_cm_p1_test itchen	Catchment Management Portfolio 1: Test and Itchen	Catchment management	Preferred
SWS_hardhamwinter	Transfer: Winter transfer Stage 2: New main Shoreham/North Shoreham and Brighton A (4	Internal potable transfer	Preferred
SWS_HAZ_EF-LKR_ALL_ALL_dmp haz low	Demand Basket Low Hampshire Andover	Other water efficiency	Preferred
SWS_HAZ_RE-OTH_REP_ALL_bs_kmt_resil	Drought option: Reduce transfer to other commercial customers - HAZ	Drought - water use restrictions	Preferred
SWS_HKZ_EF-LKR_ALL_ALL_dmp hkz high	Demand Basket High Hampshire Kingsclere	Other water efficiency	Preferred
SWS_HKZ_HI-ROC_ALL_ALL_ewo	Newbury Groundwater	Water treatment works capacity increase	Preferred
SWS_HKZ_RE-OTH_REP_ALL_bs_kmt_resil	Drought option: Reduce transfer to other commercial customers - HKZ	Drought - water use restrictions	Preferred
SWS_HRZ_EF-LKR_ALL_ALL_dmp hrz low	Demand Basket Low Hampshire Rural	Other water efficiency	Preferred
SWS_HRZ_HI-GRW_ALL_ALL_nw_gwa_tim_westi	Romsey Groundwater	New groundwater	Preferred
SWS_HRZ_RE-OTH_REP_ALL_bs_kmt_resil	Drought option: Reduce transfer to other commercial customers - HRZ	Drought - water use restrictions	Preferred
SWS_HSE_EF-LKR_ALL_ALL_dmp hse low	Demand Basket Low Hampshire Southampton East	Other water efficiency	Preferred

Option ID	Option Name	Option type	Option status
SWS_HSE_EF-OTR_ALL_ALL_emergency deficit	Drought Operational Management - HSE	Outage reduction	Preferred
SWS_HSE_HI-IMP_HSW_ALL_tot1	Southampton link main 45 Ml/d (reversible link HSW-HSE)	Internal potable transfer	Preferred
SWS_HSE_HI-IMP_HSW_ALL_tot1_reverse	Southampton link main 45 Ml/d (reversible link HSE-HSW)	Internal potable transfer	Preferred
SWS_HSE_HI-ROC_WT1_CNO_cpy_ott_30	Treatment capacity: uprgrade Lower Itchen WSW (30 Ml/d)	Water treatment works capacity increase	Preferred
SWS_HSE_RE-DRO_ALL_ALL_do_si_lis_westi	Drought option: Reduce HoF at Lower Itchen sources (38Ml/d)	Drought permits/orders	Preferred
SWS_HSE_RE-DRO_ALL_ALL_si_can2	Drought option: Candover Drought Permit/Order (2027-2029 only) (15.4Ml/d)	Drought permits/orders	Preferred
SWS_HSE_RE-OTH_REP_ALL_bs_kmt_resil	Drought option: Reduce transfer to other commercial customers - HSE	Drought - water use restrictions	Preferred
SWS_HSW_EF-LKR_ALL_ALL_dmp hsw high	Demand Basket High Hampshire Southampton West	Other water efficiency	Preferred
SWS_HSW_HI-GRW_RE1_CNO_str_asr_tes_westi	Test MAR - Construciton	Aquifer recharge/Aquifer storage recovery	Preferred
SWS_HSW_HI-GRW_RE1_DEV_str_asr_tes_westi	Test MAR - Planning & Development	Aquifer recharge/Aquifer storage recovery	Preferred
SWS_HSW_HI-ROC_WT1_CNO_cpy_tst_60	Treatment capacity: uprgrade Test WSW (60 Ml/d)	Water treatment works capacity increase	Preferred
SWS_HSW_RE-DRO_ALL_ALL_si_tesdo2	Test surface water Drought Order (2027-2041)	Drought permits/orders	Preferred
SWS_HSW_RE-OTH_REP_ALL_bs_kmt_resil	Drought option: Reduce transfer to other commercial customers - HSW	Drought - water use restrictions	Preferred
SWS_hsw2hse	Transfer: Existing HSW-HSE (24Ml/d)	Internal potable transfer	Preferred
SWS_HTE_HI-TFR_PWE_CNO_ht-ott mm 90	Import: Havant Thicket - Otterbourne direct raw water transfer (90Ml/d)	Internal raw water transfer	Preferred
SWS_HWZ_EF-LKR_ALL_ALL_dmp hwz low	Demand Basket Low Hampshire Winchester	Other water efficiency	Preferred
SWS_HWZ_RE-OTH_REP_ALL_bs_kmt_resil	Drought option: Reduce transfer to other commercial customers - HWZ	Drought - water use restrictions	Preferred
SWS_IOW_EF-LKR_ALL_ALL_dmp iow high	Demand Basket High Isle of Wight	Other water efficiency	Preferred
SWS_IOW_HI-GRW_ALL_ALL_br_less	Groundwater: Eastern Yar replacement BH (1.5Ml.d)	New groundwater	Preferred
SWS_IOW_HI-GRW_ALL_ALL_nw_gwa_kni_westi	Groundwater: Newchurch LGS (1.9Ml/d)	New groundwater	Preferred
SWS_IOW_HI-REU_RE1_CNO_sey9	Recycling: Sandown WwTW (8.1Ml/d)	Water reuse	Preferred
SWS_IOW_HI-ROC_ALL_ALL_env_lv_yar_westi	Drought option: Modification of operational rules for the Eastern Yar scheme	Trunk mains renewal/new	Preferred
SWS_IOW_RE-DRO_ALL_ALL_env_lv_cal_westi	Drought option: Caul Bourne reduce MRF (to 2041)	Drought permits/orders	Preferred
SWS_IOW_RE-DRP_ALL_ALL_env_lv_bow_westi	Drought option: relaxation of Lukely Brook (to 2041)	Drought permits/orders	Preferred
SWS_IOW_RE-OTH_REP_ALL_bs_kmt_resil	Drought option: Reduce transfer to other commercial customers - IOW	Drought - water use restrictions	Preferred
SWS_KME_EF-LKR_ALL_ALL_dmp kme high	Demand Basket High Kent Medway East	Other water efficiency	Preferred
SWS_KME_HI-DES_ALL_CNO_ios20	Desalination: Isle of Sheppey (20Ml/d)	Desalination	Preferred
SWS_KME_HI-GRW_ALL_ALL_nw_gwa_win_eastn	Groundwater: recomission Gravesend source (2.7Ml/d)	New groundwater	Preferred
SWS_KME_HI-REU_RE1_CNO_sit8	Recycling: Sittingbourne industrial reuse (7.5Mld)	Water reuse	Preferred
SWS_KME_RE-DRO_ALL_ALL_si_ket2	Faversham sources Drought Permit/Order (2025-2041)	Drought permits/orders	Preferred
SWS_KME_RE-OTH_REP_ALL_bs_kmt_resil	Drought option: Reduce transfer to other commercial customers - KME	Drought - water use restrictions	Preferred
SWS_KMW_EF-LKR_ALL_ALL_dmp kmw high	Demand Basket High Kent Medway West	Other water efficiency	Preferred
SWS_KMW_HI-DES_ALL_ALL_swa20_p2	Desalination: River Thames estuary (20Ml/d) Phase 2	Desalination	Preferred
SWS_KMW_HI-DES_ALL_CNO_swa20	Desalination: River Thames estuary (20Ml/d) Construction	Desalination	Preferred
SWS_KMW_HI-DES_ALL_DEV_swa20	Desalination: River Thames estuary (20Ml/d) Planning & Development	Desalination	Preferred
SWS_KMW_HI-REU_RE1_CNO_ecc18	Recycling: Medway WwTW (12.8Ml/d)	Water reuse	Preferred
SWS_KMW_HI-RSR_RE1_CNO_rab1	Storage: Raising Bewl by 0.4m (3Ml/d)	New reservoir	Feasible
SWS_KMW_RE-DRO_ALL_ALL_si_bew2	Drought option: River Medway Scheme (stages 1 to 4) Drought Permit/Order (2025 onwar	Drought permits/orders	Preferred
SWS_KMW_RE-OTH_REP_ALL_bs_kmt_resil	Drought option: Reduce transfer to other commercial customers - KMW	Drought - water use restrictions	Preferred
SWS_kmw2kme	Transfer: Existing KMW-KME (44.7Ml/d)	Internal potable transfer	Preferred
SWS_kt2km	Transfer: Utilise full existing KME-KTZ transfer capacity (9Ml/d)	Internal potable transfer	Preferred
SWS_kt2km_reverse	Transfer: Utilise full existing KME-KTZ transfer capacity (9Ml/d) Reverse	Internal potable transfer	Preferred
SWS_KTZ_EF-LKR_ALL_ALL_dmp ktz high	Demand Basket High Kent Thanet	Other water efficiency	Preferred
SWS_KTZ_HI-DES_ALL_ALL_tha20_p2	Desalination: East Thanet coast & transfer to (20Ml/d) Phase 2	Desalination	Preferred
SWS_KTZ_HI-DES_ALL_CNO_tha20	Desalination: East Thanet coast & transfer (20Ml/d)	Desalination	Preferred
SWS_KTZ_HI-DES_ALL_PLA_tha20	Desalination: East Thanet coast & transfer (20Ml/d) Planning	Desalination	Preferred
SWS_KTZ_HI-TFR_RZ8_ALL_canterb-wingha p 20	Canterbury (Broad Oak) to near Canterbury GW (20 Ml/d)	External potable bulk supply/transfer	Preferred
SWS_KTZ_RE-DRO_ALL_ALL_si_woo2	Sandwich Drought Permit/Order (2025-2041)	Drought permits/orders	Feasible
SWS_KTZ_RE-OTH_REP_ALL_bs_kmt_resil	Drought option: Reduce transfer to other commercial customers - KTZ	Drought - water use restrictions	Preferred
SWS_med2than	Transfer: KTZ-KME (14Ml/d)	Internal potable transfer	Preferred
SWS_med2than_reverse	Transfer: KTZ-KME (14Ml/d)	Internal potable transfer	Preferred
SWS_oba	Transfer: Existing HWZ-HSE (7.5Ml/d)	Internal potable transfer	Preferred
SWS_ott crab 1	Hampshire grid (reversible link HSE-HW)	Internal potable transfer	Preferred
SWS_ott crab 1_reverse	Hampshire grid (reversible link HW-HSE)	Internal potable transfer	Preferred
SWS_ott crab 2_haz	Hampshire grid (reversible link HW-HA)	Internal potable transfer	Preferred
SWS_ott crab 2_hwz	Hampshire grid (reversible link HA-HW)	Internal potable transfer	Preferred
SWS_ott crab 3	Hampshire grid (reversible link HA-HK)	Internal potable transfer	Feasible
SWS_ott crab 3_reverse	Hampshire grid (reversible link HK-HA)	Internal potable transfer	Feasible
SWS_pw2moor	Import from Portsmouth Water (Existing)	External potable bulk supply/transfer	Preferred
SWS_pw2moor_extension	Import from Portsmouth Water (additional 30Ml/d)	External potable bulk supply/transfer	Preferred
SWS_pw2pul	Import: PWC at Pulborough (15Ml/d)	External potable bulk supply/transfer	Preferred
SWS_pw2pul_extension	Import: PWC at Pulborough extension (15Ml/d)	External potable bulk supply/transfer	Preferred
SWS_pwcgm1	Additional import from Portsmouth Water (Additional 21Ml/d)	External potable bulk supply/transfer	Preferred
SWS_PWE_HI-REU_RE1_CNO_45toht v0.1	Recycling: Recharge of Havant Thicket reservoir from Budds Farm and new WRP (15Ml/d)	Water reuse	Feasible
SWS_rob_hsw2hse	Transfer: Romsey Town & Broadlands valve (HSW-HRZ) (3.1Ml//d)	Internal potable transfer	Preferred
SWS_rob_hsw2hse_reverse	Transfer: Romsey Town & Broadlands valve (HRZ-HSW) (3.1Ml//d)	Internal potable transfer	Preferred
SWS_rr_sw2hsn	Transfer: Bi-directional transfer (SWZ-SNZ) (15Ml/d)	Internal potable transfer	Preferred
SWS_rr_sw2hsn_reverse	Transfer: Bi-directional transfer (SWZ-SNZ) (15Ml/d)	Internal potable transfer	Preferred
SWS_RZ8_HI-TFR_SHZ_ALL_brede-kingsn p 10	New Bulk Supply: SWS to RZ8 - Brede to Kingsnorth (10Ml/d)	External potable bulk supply/transfer	Preferred
SWS_sandyln	Transfer: Sandy Lane Abbotswood (HSE-HRZ) (1.1Ml/d)	Internal potable transfer	Preferred
SWS_SBZ_EF-LKR_ALL_ALL_dmp sbz high	Demand Basket High Sussex Brighton	Other water efficiency	Preferred
SWS_SBZ_EF-OTR_ALL_ALL_emergency deficit	EMERGENCY DEFICIT Sussex Brighton	Outage reduction	Preferred
SWS_SBZ_HI-DES_ALL_ALL_shom20	Desalination: Sussex Coast (Modular 10-20Ml/d) (10Ml/d)	Desalination	Preferred
SWS_SBZ_HI-DES_ALL_CNO_shom10	Desalination: Sussex Coast (Modular 0-10Ml/d) (10Ml/d)	Desalination	Preferred
SWS_SBZ_HI-TFR_SWZ_ALL_tenants-bright p 40	Worthing to Brighton: 40Ml/d	Internal potable transfer	Preferred
SWS_SBZ_HI-TFR_SWZ_ALL_tenants-bright p 40_reverse	Worthing to Brighton: 40Ml/d (Reverse)	Internal potable transfer	Preferred
SWS_SBZ_RE-OTH_REP_ALL_bs_kmt_resil	Drought option: Reduce transfer to other commercial customers - SBZ	Drought - water use restrictions	Preferred
SWS_sewexp	Import: SEW Kingston to KTZ Near Canterbury (2Ml/d)	External potable bulk supply/transfer	Preferred
SWS_SHZ_EF-LKR_ALL_ALL_dmp shz high	Demand Basket High Sussex Hastings	Other water efficiency	Preferred
SWS_SHZ_HI-GRW_ALL_ALL_ass_br_bre_eastn	Rye groundwater reconfiguration	New groundwater	Preferred
SWS_SHZ_HI-REU_RE1_CNO_wr_pwr_dar3_conju	Recycling: Hastings WTW conjunctive use with Darwell reservoir (15.3Ml/d)	Water reuse	Preferred
SWS_SHZ_HI-TFR_SHZ_ALL_tw_bs_dar_eastn	Drought option: Terminate Darwell reservoir supply to SEW - Variable	Internal potable transfer	Preferred
SWS_SHZ_RE-DRO_ALL_ALL_si_dar2	Drought option: Darwell Reservoir (stages 1 (freshet removal) to 3) Drought Permit/Order	Drought permits/orders	Preferred
SWS_SHZ_RE-OTH_REP_ALL_bs_kmt_resil	Drought option: Reduce transfer to other commercial customers - SHZ	Drought - water use restrictions	Preferred
SWS_SNZ_EF-LKR_ALL_ALL_dmp snz high	Demand Basket High Sussex North	Other water efficiency	Preferred
SWS_SNZ_HI-REU_RE1_CNO_for20	Recycling: Littlehampton WwTW (15Ml/d)	Water reuse	Preferred
SWS_SNZ_HI-ROC_RE1_CNO_hsb-rcm	Groundwater: Petworth WSW return to service with a new borehole (4.0Ml/d)	Water treatment works capacity increase	Preferred
SWS_SNZ_HI-ROC_RE1_PLA_hsb-rcm	Groundwater: Petworth WSW return to service with a new borehole (4.0Ml/d) - Planning	Water treatment works capacity increase	Preferred
SWS_SNZ_HI-RSR_ALL_ALL_wr-farm	Western Rother licence and storage programme	New reservoir	Preferred
SWS_SNZ_HI-RSR_RE1_CNO_bla	Storage: River Adur offline Reservoir - Construction	New reservoir	Preferred
SWS_SNZ_HI-RSR_RE1_PLA_bla	Storage: River Adur offline Reservoir - Planning	New reservoir	Preferred
SWS_SNZ_HI-TFR_PWE_ALL_havant -hardha r 50	Havant Thicket To Pulborough WTW: 50Ml/d	External raw water bulk supply/transfer	Preferred
SWS_SNZ_HI-TFR_RZ5_ALL_tilmore-hardha p 10	Tilmore to Pulborough: 10Ml/d	External potable bulk supply/transfer	Preferred
SWS_SNZ_HI-TFR_SES_ALL_outwood-turner p 10	Outwood To Turners Hill: 10Ml/d	External potable bulk supply/transfer	Preferred
SWS_SNZ_RE-DRO_ALL_ALL_si_har_2	Drought option: Pulborough Surface water (Phases 1-3) Drought Permit/Order (2025-2041	Drought permits/orders	Preferred
SWS_SNZ_RE-DRO_ALL_ALL_si_wei_2	Drought option: Weir Wood reservoir Drought Permit/Order (2025-2041)	Drought permits/orders	Preferred
SWS_SNZ_RE-OTH_REP_ALL_bs_kmt_resil	Drought option: Reduce transfer to other commercial customers - SNZ	Drought - water use restrictions	Preferred
SWS_STR_HI-RSR_RE1_CNO_abingdon150(lon)	New Reservoir - SESRO 150Mm3 (SWS: 29%)	New reservoir	Refined Feasible
SWS_STT_HI-RAB_RE1_ALL_p10-300-vyrnwy_180_b	STT 300: Vyrnwy Reservoir river release (75 Mld) and additional 30 to make 105 of Bypass	External raw water bulk supply/transfer	Feasible
SWS_STT_HI-RAB_RE1_ALL_p7-300-vyrnwy_135_b	STT 300: Vyrnwy Reservoir river release (75 Mld) and additional 35 to make 60 of Bypass (	External raw water bulk supply/transfer	Feasible
SWS_STT_HI-RAB_RE1_ALL_p8-300-vyrnwy_155_b	STT 300: Vyrnwy Reservoir river release (75 Mld) and additional 15 to make 75 of Bypass (	External raw water bulk supply/transfer	Feasible
SWS_STT_HI-RAB_RE1_ALL_p9-300-vyrnwy_100_b	STT 300: Vyrnwy Reservoir river release (75 Mld) and 25 Mld of Bypass (105Mld) (SWS: 19	External raw water bulk supply/transfer	Feasible
SWS_STT_HI-REU_RE1_ALL_p11-300-min_115_p2	STT 300: Minworth STW effluent diversion (115Mld) - phase 2 (SWS: 19%)	External raw water bulk supply/transfer	Feasible
SWS_STT_HI-REU_RE1_ALL_p5-300-neth_p35	STT 300: 300 Ml/d Pipe, Netheridge & Unsupported (SWS: 19%)	External raw water bulk supply/transfer	Feasible
SWS_STT_HI-REU_RE1_ALL_p7-300-minworth_115	STT 300: Minworth STW effluent diversion (115Mld) - phase 1 (SWS: 19%)	External raw water bulk supply/transfer	Feasible
SWS_SWZ_EF-LKR_ALL_ALL_dmp swz high	Demand Basket High Sussex Worthing	Other water efficiency	Preferred
SWS_SWZ_HI-LRE_ALL_ALL_har1	Transfer: Winter transfer stage 1 - Provision of a permanent sludge treatment facility at Pu	Water treatment works loss recovery	Preferred
SWS_SWZ_HI-TFR_SNZ_ALL_hardham-tenant p 60	Pulborough to Worthing: 60Ml/d	Internal potable transfer	Preferred

Option ID	Option Name	Option type	Option status
SWS_SWZ_RE-DRO_ALL_ALL_dp_nor_2	Drought option: East Worthing Drought Permit/Order (2025-2041)	Drought permits/orders	Preferred
SWS_SWZ_RE-DRO_ALL_ALL_si_mad_2	Drought option: North Arundel Drought Permit/Order (2025-2041)	Drought permits/orders	Preferred
SWS_SWZ_RE-OTH_REP_ALL_bs_kmt_resil	Drought option: Reduce transfer to other commercial customers - SWZ	Drought - water use restrictions	Preferred
SWS_t2st_cul_ott_120_p	T2ST 120 Ml/d Potable Culham-Otterbourne	External potable bulk supply/transfer	Feasible
SWS_t2st_plan_develop	T2ST Planning and Development	External potable bulk supply/transfer	Preferred
SWS_tubs	Temporary use bans	Drought - water use restrictions	Preferred
SWS_tubsneubs	Non-essential use bans	Drought - water use restrictions	Preferred
SWS_TWD_HI-TFR_OTT_CNO_ott to test 60	Transfer: Otterbourne WSW - Testwood lakes raw (60Ml/d)	Internal raw water transfer	Preferred
SWS_v6b	Transfer: SWZ-SBZ v6 valve (17Ml/d)	Internal potable transfer	Preferred
SWS_v6b 2022	Transfer: SWZ-SBZ additional through v6 valve (13Ml/d)	Internal potable transfer	Preferred
SWS_weir wood-shz r	Weir Wood to SHZ: 10000Ml/d	Internal raw water transfer	Preferred
SWS_wt_group	Kent water trading 4	Licence trading	Feasible
SWS_xsol2iow	Transfer: Cross-Solent (HSW-IOW) (18Ml/d)	Internal potable transfer	Preferred
SWS_buddspeel	Import: Havant Thicket - Otterbourne direct raw water transfer (61Ml/d)	External raw water bulk supply/transfer	Feasible
SWS_cm_p1_cuckmere pev	Catchment Management Portfolio 1: Cuckmere and Pevensey Levels	Catchment management	Feasible
SWS_cm_p1_kennet trib	Catchment Management Portfolio 1: Kennet and tributaries	Catchment management	Feasible
SWS_cm_p1_kent north	Catchment Management Portfolio 1: North Kent	Catchment management	Feasible
SWS_cm_p1_medway	Catchment Management Portfolio 1: Medway	Catchment management	Feasible
SWS_cm_p1_rother	Catchment Management Portfolio 1: Rother	Catchment management	Feasible
SWS_cm_p1_stour	Catchment Management Portfolio 1: Stour	Catchment management	Feasible
SWS_HAZ_EF-LKR_ALL_ALL_dmp haz high	Demand Basket High Hampshire Andover	Other water efficiency	Feasible
SWS_HAZ_EF-LKR_ALL_ALL_dmp haz medium	Demand Basket Medium Hampshire Andover	Other water efficiency	Feasible
SWS_HAZ_HI-TFR_T2S_ALL_cul to and pot	Culham to Andover potable	External potable bulk supply/transfer	Feasible
SWS_HKZ_EF-LKR_ALL_ALL_dmp hkz low	Demand Basket Low Hampshire Kingsclere	Other water efficiency	Feasible
SWS_HKZ_EF-LKR_ALL_ALL_dmp hkz medium	Demand Basket Medium Hampshire Kingsclere	Other water efficiency	Feasible
SWS_HKZ_HI-TFR_T2S_ALL_cul to king pot	Culham to HKZ potable	External potable bulk supply/transfer	Feasible
SWS_HRZ_EF-LKR_ALL_ALL_dmp hrz high	Demand Basket High Hampshire Rural	Other water efficiency	Feasible
SWS_HRZ_EF-LKR_ALL_ALL_dmp hrz medium	Demand Basket Medium Hampshire Rural	Other water efficiency	Feasible
SWS_HSE_EF-LKR_ALL_ALL_dmp hse high	Demand Basket High Hampshire Southampton East	Other water efficiency	Feasible
SWS_HSE_EF-LKR_ALL_ALL_dmp hse medium	Demand Basket Medium Hampshire Southampton East	Other water efficiency	Feasible
SWS_HSE_HI-REU_RE1_CNO_sro_b3_61	Portsmouth Harbour WTW Indirect Potable reuse	Water reuse	Feasible
SWS_HSE_HI-REU_RE1_CNO_sro_b5_75	Combined Portsmouth Harbour and Peel Common WTW indirect potable water reuse	Water reuse	Feasible
SWS_HSE_HI-REU_RE1_CNO_wol5	Recycling: Woolston WwTW (4.8Ml/d)	Water reuse	Feasible
SWS_HSE_HI-REU_RE1_CNO_wol8	Recycling: Woolston WwTW (7.1Ml/d)	Water reuse	Feasible
SWS_HSE_HI-ROC_WT1_CNO_cpy_ott_60	Treatment capacity: uprgrade Lower Itchen WSW (60 Ml/d)	Water treatment works capacity increase	Feasible
SWS_HSE_HI-TFR_HSW_CNO_pot_tott_90	Southampton link main 90 Ml/d (reversible link HSW-HSE)	Internal potable transfer	Feasible
SWS_HSE_HI-TFR_HSW_CNO_pot_tott_90_reverse	Southampton link main 90 Ml/d (reversible link HSE-HSW)	Internal potable transfer	Feasible
SWS_HSW_BG-CAT_ALL_ALL_cm_p1_new forest	Catchment Management Portfolio 1: New Forest	Catchment management	Feasible
SWS_HSW_EF-LKR_ALL_ALL_dmp hsw low	Demand Basket Low Hampshire Southampton West	Other water efficiency	Feasible
SWS_HSW_EF-LKR_ALL_ALL_dmp hsw medium	Demand Basket Medium Hampshire Southampton West	Other water efficiency	Feasible
SWS_HSW_HI-ROC_WT1_CNO_cpy_tst_30	Treatment capacity: uprgrade Test WSW (30 Ml/d)	Water treatment works capacity increase	Feasible
SWS_HWZ_EF-LKR_ALL_ALL_dmp hwz high	Demand Basket High Hampshire Winchester	Other water efficiency	Feasible
SWS_HWZ_EF-LKR_ALL_ALL_dmp hwz medium	Demand Basket Medium Hampshire Winchester	Other water efficiency	Feasible
SWS_IOW_EF-LKR_ALL_ALL_dmp iow low	Demand Basket Low Isle of Wight	Other water efficiency	Feasible
SWS_IOW_EF-LKR_ALL_ALL_dmp iow medium	Demand Basket Medium Isle of Wight	Other water efficiency	Feasible
SWS_IOW_HI-REU_RE1_CNO_sey5	Recycling: Sandown WwTW (4.8Ml/d)	Water reuse	Feasible
SWS_KME_EF-LKR_ALL_ALL_dmp kme low	Demand Basket Low Kent Medway East	Other water efficiency	Feasible
SWS_KME_EF-LKR_ALL_ALL_dmp kme medium	Demand Basket Medium Kent Medway East	Other water efficiency	Feasible
SWS_KME_HI-DES_ALL_ALL_ios10_p2	Desalination: Isle of Sheppey (10Ml/d) Phase 2	Desalination	Feasible
SWS_KME_HI-DES_ALL_ALL_ios10_p2_rep_1	Desalination: Isle of Sheppey (10Ml/d) Phase 3	Desalination	Feasible
SWS_KME_HI-DES_ALL_ALL_ios20_p2	Desalination: Isle of Sheppey (20Ml/d) Phase 2	Desalination	Feasible
SWS_KME_HI-DES_ALL_CNO_ios10	Desalination: Isle of Sheppey (10Ml/d)	Desalination	Feasible
SWS_KME_HI-REU_RE1_CNO_mot20	Medway estuary WTW indirect potable reuse (18.9Ml/d)	Water reuse	Feasible
SWS_KMW_EF-LKR_ALL_ALL_dmp kmw low	Demand Basket Low Kent Medway West	Other water efficiency	Feasible
SWS_KMW_EF-LKR_ALL_ALL_dmp kmw medium	Demand Basket Medium Kent Medway West	Other water efficiency	Feasible
SWS_KMW_HI-DES_ALL_ALL_med10_p2	Desalination: River Medway (10Ml/d) Phase 2	Desalination	Feasible
SWS_KMW_HI-DES_ALL_ALL_med20_p2	Desalination: River Medway (20Ml/d) Phase 2	Desalination	Feasible
SWS_KMW_HI-DES_ALL_ALL_swa10_p2	Desalination: River Thames estuary (10Ml/d) Phase 2	Desalination	Feasible
SWS_KMW_HI-DES_ALL_ALL_swa10_p2_rep_1	Desalination: River Thames estuary (10Ml/d) Phase 3	Desalination	Feasible
SWS_KMW_HI-DES_ALL_CNO_med10	Desalination: River Medway (10Ml/d)	Desalination	Feasible
SWS_KMW_HI-DES_ALL_CNO_med20	Desalination: River Medway (20Ml/d)	Desalination	Feasible
SWS_KMW_HI-DES_ALL_CNO_swa10	Desalination: River Thames estuary (10Ml/d)	Desalination	Feasible
SWS_KMW_HI-TFR_HON_ALL_bs_hon_eastn_bd2_120	Import: Honor Oak to Near Rochester WTW (120Ml/d)	External potable bulk supply/transfer	Feasible
SWS_KMW_HI-TFR_HON_ALL_bs_hon_eastn_bd2_60	Import: Honor Oak to Near Rochester WTW (60Ml/d)	External potable bulk supply/transfer	Feasible
SWS_KMW_HI-TFR_HON_CNO_bs_hon_eastn_10	Import: Honor Oak to Near Rochester WTW - bi-directional (10Ml/d)	External potable bulk supply/transfer	Feasible
SWS_KMW_HI-TFR_HON_CNO_bs_hon_eastn_20	Import: Honor Oak to Near Rochester WTW - bi-directional (20Ml/d)	External potable bulk supply/transfer	Feasible
SWS_KMW_HI-TFR_HON_CNO_bs_hon_eastn_30	Import: Honor Oak to Near Rochester WTW - bi-directional (30Ml/d)	External potable bulk supply/transfer	Feasible
SWS_KMW_HI-TFR_HON_CNO_bs_hon_eastn_40	Import: Honor Oak to Near Rochester WTW - bi-directional (40Ml/d)	External potable bulk supply/transfer	Feasible
SWS_KMW_HI-TFR_HON_CNO_bs_hon_eastn_45	Import: Honor Oak to Near Rochester WTW - bi-directional (45Ml/d)	External potable bulk supply/transfer	Feasible
SWS_KTZ_EF-LKR_ALL_ALL_dmp ktz low	Demand Basket Low Kent Thanet	Other water efficiency	Feasible
SWS_KTZ_EF-LKR_ALL_ALL_dmp ktz medium	Demand Basket Medium Kent Thanet	Other water efficiency	Feasible
SWS_KTZ_HI-DES_ALL_ALL_tha10_p2	Desalination: East Thanet coast & transfer to (10Ml/d) Phase 2	Desalination	Feasible
SWS_KTZ_HI-DES_ALL_ALL_tha10_p2_rep_1	Desalination: East Thanet coast & transfer to Fleete Manston WSR (10Ml/d) Phase 3	Desalination	Feasible
SWS_KTZ_HI-DES_ALL_CNO_tha10	Desalination: East Thanet coast & transfer (10Ml/d)	Desalination	Feasible
SWS_ott crab 50 hkz	Hampshire grid (reversible link HSE-HW)	Internal potable transfer	Feasible
SWS_ott crab 50 hse	Hampshire grid (reversible link HW-HSE)	Internal potable transfer	Feasible
SWS_OTT_HI-REU_RE1_CNO_sro_b2_61	Portsmouth Harbour WTW Indirect Potable reuse	Water reuse	Feasible
SWS_p1_adur ouse	Catchment Management Portfolio 1: Adur and Ouse	Catchment management	Feasible
SWS_p1_arun west	Catchment Management Portfolio 1: Arun and Western Streams	Catchment management	Feasible
SWS_PWE_HI-REU_RE1_CNO_15toht v0.1	Recycling: Recharge of Havant Thicket reservoir from Budds Farm and new WRP (15Ml/d)	Water reuse	Feasible
SWS_PWE_HI-REU_RE1_CNO_30toht v0.1	Recycling: Recharge of Havant Thicket reservoir from Budds Farm and new WRP (30Ml/d)	Water reuse	Feasible
SWS_PWE_HI-REU_RE1_CNO_60toht v0.1	Recycling: Recharge of Havant Thicket reservoir from Budds Farm and new WRP (60Ml/d)	Water reuse	Preferred
SWS_SBZ_EF-LKR_ALL_ALL_dmp sbz low	Demand Basket Low Sussex Brighton	Other water efficiency	Feasible
SWS_SBZ_EF-LKR_ALL_ALL_dmp sbz medium	Demand Basket Medium Sussex Brighton	Other water efficiency	Feasible
SWS_SBZ_HI-DES_ALL_ALL_shom20_rep_1	Desalination: Sussex Coast (Modular 20-30Ml/d) (10Ml/d)	Desalination	Feasible
SWS_SBZ_HI-TFR_RZ2_ALL_izt_bar_bal_25	Import from South East Water (25 Ml/d)	External potable bulk supply/transfer	Feasible
SWS_SBZ_HI-TFR_RZ2_ALL_izt_bar_bal_30	Import from South East Water (30 Ml/d)	External potable bulk supply/transfer	Feasible
SWS_SBZ_HI-TFR_SWZ_ALL_tenants-bright p 20	Worthing to Brighton: 20Ml/d	Internal potable transfer	Feasible
SWS_SBZ_HI-TFR_SWZ_ALL_tenants-bright p 20_reverse	Worthing to Brighton: 20Ml/d (Reverse)	Internal potable transfer	Feasible
SWS_SBZ_HI-TFR_SWZ_ALL_tenants-bright p 60	Worthing to Brighton: 60Ml/d	Internal potable transfer	Feasible
SWS_SBZ_HI-TFR_SWZ_ALL_tenants-bright p 60_reverse	Worthing to Brighton: 60Ml/d (Reverse)	Internal potable transfer	Feasible
SWS_sellfleet	Transfer: reverse Faversham4-Fleete main	Internal potable transfer	Feasible
SWS_sellfleet_reverse	Transfer: reverse Faversham4-Fleete main	Internal potable transfer	Feasible
SWS_SHZ_EF-LKR_ALL_ALL_dmp shz low	Demand Basket Low Sussex Hastings	Other water efficiency	Feasible
SWS_SHZ_EF-LKR_ALL_ALL_dmp shz medium	Demand Basket Medium Sussex Hastings	Other water efficiency	Feasible
SWS_SHZ_HI-DES_ALL_CNO_cam10	Desalination: Camber near Rye Bay (10Ml/d)	Desalination	Feasible
SWS_SHZ_HI-DES_ALL_CNO_cam5	Desalination: Camber near Rye Bay (5Ml/d)	Desalination	Feasible
SWS_SHZ_HI-REU_RE1_CNO_dar10	Recycling: Hastings WwTW to augment storage in Darwell reservoir (9.5Ml/d)	Water reuse	Feasible
SWS_SHZ_HI-REU_RE1_CNO_env_cu_bew1_conju	Recycling: Tunbridge Wells WTW conjunctive use with Bewl reservoir (3.6Ml/d)	Water reuse	Preferred
SWS_SHZ_HI-REU_RE1_CNO_env_cu_bew2_conju	Recycling: Ashford WTW conjunctive use with Bewl reservoir (11.8Ml/d)	Water reuse	Feasible
SWS_SHZ_HI-REU_RE1_CNO_wr_pwr_bew3_conju	Recycling: Tonbridge WwTW to Bewl reservoir (5.7Ml/d)	Water reuse	Feasible
SWS_SNZ_EF-LKR_ALL_ALL_dmp snz low	Demand Basket Low Sussex North	Other water efficiency	Feasible
SWS_SNZ_EF-LKR_ALL_ALL_dmp snz medium	Demand Basket Medium Sussex North	Other water efficiency	Feasible
SWS_SNZ_HI-REU_RE1_CNO_env_cu_chu2_conju	Recycling: Horsham WTW conjuctive use with Arun Reservoir, Pulborough (6.8Ml/d)	Water reuse	Feasible
SWS_SNZ_HI-REU_RE1_CNO_for10	Recycling: Littlehampton WwTW (9.5Ml/d)	Water reuse	Feasible
SWS_SNZ_HI-REU_RE1_CNO_wr_pwr_chu1_conju	Recycling: Littlehampton WTW conjuctive use with Arun Reservoir, Pulborough (17.1Ml/d)	Water reuse	Feasible
SWS_SNZ_HI-TFR_PWE_ALL_havant -hardha r 20	Havant Thicket To Pulborough WTW: 20Ml/d	External raw water bulk supply/transfer	Feasible
SWS_STR_HI-RSR_RE1_CNO_abingdon100(lon)	New Reservoir - SESRO 100Mm3 (SWS: 29%)	New reservoir	Preferred

Option ID	Option Name	Option type	Option status
SWS_STR_HI-RSR_RE1_CNO_abingdon125(lon)	New Reservoir - SESRO 125Mm3 (SWS: 29%)	New reservoir	Refined Feasible
SWS_STR_HI-RSR_RE1_CNO_abingdon30+100p1	New Reservoir - SESRO 30+100Mm3 - Phase 1: (SWS: 29%)	New reservoir	Refined Feasible
SWS_STR_HI-RSR_RE1_CNO_abingdon75(lon)	New Reservoir - SESRO 75Mm3 (SWS: 29%)	New reservoir	Refined Feasible
SWS_STR_HI-RSR_RE1_CNO_abingdon80+42p1	New Reservoir - SESRO 80+42Mm3 - Phase 1: (SWS: 29%)	New reservoir	Refined Feasible
SWS_STR_HI-RSR_RE2_CNO_abingdon30+100p2	New Reservoir - SESRO 30+100mm3 - Phase 2: (SWS: 29%)	New reservoir	Refined Feasible
SWS_STR_HI-RSR_RE2_CNO_abingdon80+42p2	New Reservoir - SESRO 80+42Mm3 - Phase 2: (SWS: 29%)	New reservoir	Refined Feasible
SWS_STT_HI-RAB_RE1_ALL_c10-300-vyrnwy_180_b	STT Canal: Vyrnwy Reservoir river release (75 Mld) and additional 30 to make 105 of Bypas	External raw water bulk supply/transfer	Feasible
SWS_STT_HI-RAB_RE1_ALL_c7-300-vyrnwy_135_b	STT Canal: Vyrnwy Reservoir river release (75 Mld) and additional 35 to make 60 of Bypass	External raw water bulk supply/transfer	Feasible
SWS_STT_HI-RAB_RE1_ALL_c8-300-vyrnwy_155_b	STT Canal: Vyrnwy Reservoir river release (75 Mld) and additional 15 to make 75 of Bypass	External raw water bulk supply/transfer	Feasible
SWS_STT_HI-RAB_RE1_ALL_c9-300-vyrnwy_100_b	STT Canal: Vyrnwy Reservoir river release (75 Mld) and 25 Mld of Bypass (105Mld) (SWS: 1	External raw water bulk supply/transfer	Feasible
SWS_STT_HI-RAB_RE1_ALL_p10-400-vyrnwy_180_b	STT 400: Vyrnwy Reservoir river release (75 Mld) and additional 30 to make 105 of Bypass	External raw water bulk supply/transfer	Feasible
SWS_STT_HI-RAB_RE1_ALL_p10-500-vyrnwy_180_b	STT 500: Vyrnwy Reservoir river release (75 Mld) and additional 30 to make 105 of Bypass	External raw water bulk supply/transfer	Preferred
SWS_STT_HI-RAB_RE1_ALL_p7-400-vyrnwy_135_b	STT 400: Vyrnwy Reservoir river release (75 Mld) and additional 35 to make 60 of Bypass (	External raw water bulk supply/transfer	Feasible
SWS_STT_HI-RAB_RE1_ALL_p7-500-vyrnwy_135_b	STT 500: Vyrnwy Reservoir river release (75 Mld) and additional 35 to make 60 of Bypass (	External raw water bulk supply/transfer	Preferred
SWS_STT_HI-RAB_RE1_ALL_p8-400-vyrnwy_155_b	STT 400: Vyrnwy Reservoir river release (75 Mld) and additional 15 to make 75 of Bypass (	External raw water bulk supply/transfer	Feasible
SWS_STT_HI-RAB_RE1_ALL_p8-500-vyrnwy_155_b	STT 500: Vyrnwy Reservoir river release (75 Mld) and additional 15 to make 75 of Bypass (	External raw water bulk supply/transfer	Preferred
SWS_STT_HI-RAB_RE1_ALL_p9-400-vyrnwy_100_b	STT 400: Vyrnwy Reservoir river release (75 Mld) and 25 Mld of Bypass (105Mld) (SWS: 19	External raw water bulk supply/transfer	Feasible
SWS_STT_HI-RAB_RE1_ALL_p9-500-vyrnwy_100_b	STT 500: Vyrnwy Reservoir river release (75 Mld) and 25 Mld of Bypass (105Mld) (SWS: 19	External raw water bulk supply/transfer	Preferred
SWS_STT_HI-REU_RE1_ALL_c11-300-min_115_p2	STT Canal: Minworth STW effluent diversion (115Mld) - phase 2 (SWS: 19%)	External raw water bulk supply/transfer	Feasible
SWS_STT_HI-REU_RE1_ALL_c3-300-neth_c35	STT Canal: Canal, Unsupported & Netheridge (SWS: 19%)	External raw water bulk supply/transfer	Feasible
SWS_STT_HI-REU_RE1_ALL_c7-300-minworth_115	STT Canal: Minworth STW effluent diversion (115Mld) - phase 1 (SWS: 19%)	External raw water bulk supply/transfer	Feasible
SWS_STT_HI-REU_RE1_ALL_p11-400-min_115_p2	STT 400: Minworth STW effluent diversion (115Mld) - phase 2 (SWS: 19%)	External raw water bulk supply/transfer	Feasible
SWS_STT_HI-REU_RE1_ALL_p11-500-min_115_p2	STT 500: Minworth STW effluent diversion (115Mld) - phase 2 (SWS: 19%)	External raw water bulk supply/transfer	Preferred
SWS_STT_HI-REU_RE1_ALL_p5-400-neth_p35	STT 400: 400 Ml/d Pipe, Netheridge & Unsupported (SWS: 19%)	External raw water bulk supply/transfer	Feasible
SWS_STT_HI-REU_RE1_ALL_p5-500-neth_p35	STT 500: 500Ml/d Pipe, Netheridge & Unsupported (SWS: 19%)	External raw water bulk supply/transfer	Preferred
SWS_STT_HI-REU_RE1_ALL_p7-400-minworth_115	STT 400: Minworth STW effluent diversion (115Mld) - phase 1 (SWS: 19%)	External raw water bulk supply/transfer	Feasible
SWS_STT_HI-REU_RE1_ALL_p7-500-minworth_115	STT 500: Minworth STW effluent diversion (115Mld) - phase 1 (SWS: 19%)	External raw water bulk supply/transfer	Preferred
SWS_suds_group	Kent SUDS programme Sittingbourne	Catchment management	Feasible
SWS_SWZ_EF-LKR_ALL_ALL_dmp swz low	Demand Basket Low Sussex Worthing	Other water efficiency	Feasible
SWS_SWZ_EF-LKR_ALL_ALL_dmp swz medium	Demand Basket Medium Sussex Worthing	Other water efficiency	Feasible
SWS_SWZ_HI-DES_ALL_ALL_aru10_p2	Desalination: Tidal River Arun (10Ml/d) Phase 2	Desalination	Feasible
SWS_SWZ_HI-DES_ALL_ALL_aru20_p2	Desalination: Tidal River Arun (20Ml/d) Phase 2	Desalination	Feasible
SWS_SWZ_HI-DES_ALL_CNO_aru10	Desalination: Tidal River Arun (10Ml/d)	Desalination	Feasible
SWS_SWZ_HI-DES_ALL_CNO_aru20	Desalination: Tidal River Arun (20Ml/d)	Desalination	Feasible
SWS_SWZ_HI-TFR_SNZ_ALL_hardham-tenant p 10	Pulborough to Worthing: 10Ml/d	Internal potable transfer	Feasible
SWS_SWZ_HI-TFR_SNZ_ALL_hardham-tenant p 30	Pulborough to Worthing: 30Ml/d	Internal potable transfer	Feasible
SWS_t2st_cul_ott_200_p	T2ST 200 Ml/d Potable Culham-Otterbourne	External potable bulk supply/transfer	Feasible
SWS_t2st_cul_ott_50_p	T2ST 50 Ml/d Potable Culham-Otterbourne	External potable bulk supply/transfer	Feasible
SWS_t2st_cul_ott_80_p	T2ST 80 Ml/d Potable Culham-Otterbourne	External potable bulk supply/transfer	Feasible
SWS_t2st_cul_ott_comb_p	T2ST 80 Ml/d Potable Culham-Otterbourne (combination)	External potable bulk supply/transfer	Feasible
SWS_t2st_cul_ott_comb_p120	T2ST 120 Ml/d Potable Culham-Otterbourne (combination)	External potable bulk supply/transfer	Feasible
SWS_t2st_cul_ott_comb_p120b	T2ST 120 Ml/d Potable Culham-Otterbourne (combination b)	External potable bulk supply/transfer	Preferred
SWS_t2st_cul_ott_comb_p120c	T2ST 120 Ml/d Potable Culham-Otterbourne (combination c)	Internal potable transfer	Feasible
SWS_t2st_cul_ott_comb_p50	T2ST 50 Ml/d Potable Culham-Otterbourne (combination)	Internal potable transfer	Feasible
SWS_TWD_HI-TFR_OTT_CNO_ott to test 30	Transfer: Otterbourne WSW - Testwood lakes raw (30Ml/d)	Internal raw water transfer	Feasible
SWS_woodside	Transfer: Woodside transfer valve (HSW-HSE) (10Ml/d)	Internal potable transfer	Feasible
SWS_woodside_reverse	Transfer: Woodside transfer valve (HSE-HSW) (10Ml/d)	Internal potable transfer	Feasible
SWS_burham-riverhil p reverse	Riverhill to Burham: 30Ml/d	External potable bulk supply/transfer	Refined Feasible
SWS_cm_p2_adur ouse	Catchment Management Portfolio 2: Adur and Ouse	Catchment management	Refined Feasible
SWS_cm_p2_arun west	Catchment Management Portfolio 2: Arun and Western Streams	Catchment management	Refined Feasible
SWS_cm_p2_cuckmere pev	Catchment Management Portfolio 2: Cuckmere and Pevensey Levels	Catchment management	Refined Feasible
SWS_cm_p2_kennet trib	Catchment Management Portfolio 2: Kennet and tributaries	Catchment management	Refined Feasible
SWS_cm_p2_kent north	Catchment Management Portfolio 2: North Kent	Catchment management	Refined Feasible
SWS_cm_p2_medway	Catchment Management Portfolio 2: Medway	Catchment management	Refined Feasible
SWS_cm_p2_rother	Catchment Management Portfolio 2: Rother	Catchment management	Refined Feasible
SWS_cm_p2_stour	Catchment Management Portfolio 2: Stour	Catchment management	Refined Feasible
SWS_cm_p2_test itchen	Catchment Management Portfolio 2: Test and Itchen	Catchment management	Refined Feasible
SWS_cm_p3_adur ouse	Catchment Management Portfolio 3: Adur and Ouse	Catchment management	Refined Feasible
SWS_cm_p3_arun west	Catchment Management Portfolio 3: Arun and Western Streams	Catchment management	Refined Feasible
SWS_cm_p3_cuckmere pev	Catchment Management Portfolio 3: Cuckmere and Pevensey Levels	Catchment management	Refined Feasible
SWS_cm_p3_kennet trib	Catchment Management Portfolio 3: Kennet and tributaries	Catchment management	Refined Feasible
SWS_cm_p3_kent north	Catchment Management Portfolio 3: North Kent	Catchment management	Refined Feasible
SWS_cm_p3_medway	Catchment Management Portfolio 3: Medway	Catchment management	Refined Feasible
SWS_cm_p3_rother	Catchment Management Portfolio 3: Rother	Catchment management	Refined Feasible
SWS_cm_p3_stour	Catchment Management Portfolio 3: Stour	Catchment management	Refined Feasible
SWS_cm_p3_test itchen	Catchment Management Portfolio 3: Test and Itchen	Catchment management	Refined Feasible
SWS_HAZ_EF-OTR_ALL_ALL_emergency deficit	Drought Operational Management - HAZ	Outage reduction	Refined Feasible
SWS_HAZ_HI-TFR_T2S_ALL_read to and pot	TWUL to HAZ potable	External potable bulk supply/transfer	Refined Feasible
SWS_HKZ_EF-OTR_ALL_ALL_emergency deficit	Drought Operational Management - HKZ	Outage reduction	Refined Feasible
SWS_HKZ_HI-TFR_T2S_ALL_read to king pot	TWUL to HKZ potable	External potable bulk supply/transfer	Refined Feasible
SWS_HRZ_EF-OTR_ALL_ALL_emergency deficit	Drought Operational Management - HRZ	Outage reduction	Refined Feasible
SWS_HSE_HI-REU_RE1_CNO_por13	Recycling: Portswood WwTW (9.6Ml/d)	Water reuse	Refined Feasible
SWS_HSE_HI-REU_RE1_CNO_por9	Recycling: Portswood WwTW (8.1Ml/d)	Water reuse	Refined Feasible
SWS_HSE_HI-RSR_RE1_CNO_brl1	Storage: Convert and extend Broadlands Lake (5.7Ml/d)	New reservoir	Refined Feasible
SWS_HSE_HI-RSR_RE1_CNO_brl2	Storage: Convert and extend Broadlands Lake (17.5Ml/d)	New reservoir	Refined Feasible
SWS_HSE_RE-DRO_ALL_ALL_si_ott2	Drought option: Lower Itchen (g/w and s/w sources) Drought Order (from 2027 onwards)	Drought permits/orders	Refined Feasible
SWS_HSW_BG-CAT_ALL_ALL_cm_p2_new forest	Catchment Management Portfolio 2: New Forest	Catchment management	Refined Feasible
SWS_HSW_BG-CAT_ALL_ALL_cm_p3_new forest	Catchment Management Portfolio 3: New Forest	Catchment management	Refined Feasible
SWS_HSW_EF-OTR_ALL_ALL_emergency deficit	Drought Operational Management - HSE	Outage reduction	Refined Feasible
SWS_HSW_HI-DES_ALL_ALL_sw desal m100 p2	Desalination: Southampton West - transfer to Lower Test WSW (modular 100-200Ml/d) (2	Desalination	Refined Feasible
SWS_HSW_HI-DES_ALL_ALL_sw desal m75 p2	Desalination: Southampton West - transfer to Lower Test WSW (modular 75-150Ml/d) (15	Desalination	Refined Feasible
SWS_HSW_HI-DES_ALL_CNO_ds_faw40	Desalination: Southampton West (40Ml/d)	Desalination	Refined Feasible
SWS_HSW_HI-DES_ALL_CNO_ds_faw61	Desalination: Southampton West (61Ml/d)	Desalination	Refined Feasible
SWS_HSW_HI-DES_ALL_CNO_ds_faw75	Desalination: Southampton West (75Ml/d)	Desalination	Refined Feasible
SWS_HSW_HI-DES_ALL_CNO_sw desal 100	Desalination: Southampton West (100Ml/d)	Desalination	Refined Feasible
SWS_HSW_HI-DES_ALL_CNO_sw desal 150	Desalination: Southampton West (150Ml/d)	Desalination	Refined Feasible
SWS_HSW_HI-DES_ALL_CNO_sw desal 200	Desalination: Southampton West (200Ml/d)	Desalination	Refined Feasible
SWS_HSW_HI-DES_ALL_CNO_sw desal m100	Desalination: Southampton West - transfer to Lower Test (modular 100-200Ml/d) (100Ml/	Desalination	Refined Feasible
SWS_HSW_HI-DES_ALL_CNO_sw desal m75	Desalination: Southampton West - transfer to Lower Test (modular 75-150Ml/d) (75Ml/d)	Desalination	Refined Feasible
SWS_HSW_HI-IMP_HSW_ALL_bs_kna_westi	Import from SWW	External potable bulk supply/transfer	Refined Feasible
SWS_HSW_RE-DRO_ALL_ALL_si_tesdo2_v2	Test surface water Drought Order (2027-2051)	Drought permits/orders	Refined Feasible
SWS_HSW_RE-DRO_ALL_ALL_si_tesdo2_v3	Test surface water Drought Order (2027-2046)	Drought permits/orders	Refined Feasible
SWS_HSW_RE-DRO_ALL_ALL_si_tesdo2_v4	Test surface water Drought Order (2027-2036)	Drought permits/orders	Refined Feasible
SWS_HSW_RE-DRO_ALL_ALL_si_tesdo2_v5	Test surface water Drought Order (from 2027 onwards)	Drought permits/orders	Refined Feasible
SWS_HSW_RE-TFR_ALL_ALL_wlvl-seatanker	Waterlevel Extreme Drought Resilience Service (based upon insurance proposal)	International import	Refined Feasible
SWS_HSW_RE-TFR_ALL_ALL_wlvl-seatanker-v2	Waterlevel Extreme Drought Resilience Service (without insurance)	International import	Refined Feasible
SWS_HWZ_EF-OTR_ALL_ALL_emergency deficit	Drought Operational Management - HWZ	Outage reduction	Refined Feasible
SWS_IOW_BG-CAT_ALL_ALL_cm_p1_isle of wight	Catchment Management Portfolio 1: Isle of Wight	Catchment management	Refined Feasible
SWS_IOW_BG-CAT_ALL_ALL_cm_p2_isle of wight	Catchment Management Portfolio 2: Isle of Wight	Catchment management	Refined Feasible
SWS_IOW_BG-CAT_ALL_ALL_cm_p3_isle of wight	Catchment Management Portfolio 3: Isle of Wight	Catchment management	Refined Feasible
SWS_IOW_EF-OTR_ALL_ALL_emergency deficit	Drought Operational Management - IOW	Outage reduction	Refined Feasible
SWS_IOW_HI-ROC_ALL_ALL_env_lv_yar_westi_v2	Drought option: Modification of operational rules for the Eastern Yar scheme (ends in 205	Trunk mains renewal/new	Refined Feasible
SWS_IOW_HI-ROC_ALL_ALL_env_lv_yar_westi_v3	Drought option: Modification of operational rules for the Eastern Yar scheme (ends in 204	Trunk mains renewal/new	Refined Feasible
SWS_IOW_HI-ROC_ALL_ALL_env_lv_yar_westi_v4	Drought option: Modification of operational rules for the Eastern Yar scheme (ends in 203	Trunk mains renewal/new	Refined Feasible
SWS_IOW_HI-ROC_ALL_ALL_env_lv_yar_westi_v5	Drought option: Modification of operational rules for the Eastern Yar scheme (no end)	Trunk mains renewal/new	Refined Feasible
SWS_IOW_RE-DRO_ALL_ALL_env_lv_cal_westi_v2	Drought option: Caul Bourne reduce MRF (to 2051)	Drought permits/orders	Refined Feasible
SWS_IOW_RE-DRO_ALL_ALL_env_lv_cal_westi_v3	Drought option: Caul Bourne reduce MRF (to 2046)	Drought permits/orders	Refined Feasible
SWS_IOW_RE-DRO_ALL_ALL_env_lv_cal_westi_v4	Drought option: Caul Bourne reduce MRF (to 2036)	Drought permits/orders	Refined Feasible

Option ID	Option Name	Option type	Option status
SWS_IOW_RE-DRO_ALL_ALL_env_lv_cal_westi_v5	Drought option: Caul Bourne reduce MRF (no end)	Drought permits/orders	Refined Feasible
SWS_IOW_RE-DRP_ALL_ALL_env_lv_bow_westi_v2	Drought option: relaxation of Lukely Brook (to 2051)	Drought permits/orders	Refined Feasible
SWS_IOW_RE-DRP_ALL_ALL_env_lv_bow_westi_v3	Drought option: relaxation of Lukely Brook (to 2046)	Drought permits/orders	Refined Feasible
SWS_IOW_RE-DRP_ALL_ALL_env_lv_bow_westi_v4	Drought option: relaxation of Lukely Brook (to 2036)	Drought permits/orders	Refined Feasible
SWS_IOW_RE-DRP_ALL_ALL_env_lv_bow_westi_v5	Drought option: relaxation of Lukely Brook (no end)	Drought permits/orders	Refined Feasible
SWS_KME_EF-OTR_ALL_ALL_emergency deficit	Drought Operational Management - KME	Outage reduction	Refined Feasible
SWS_KME_RE-DRO_ALL_ALL_si_ket2_v2	Faversham sources Drought Permit/Order (2025-2051)	Drought permits/orders	Refined Feasible
SWS_KME_RE-DRO_ALL_ALL_si_ket2_v3	Faversham sources Drought Permit/Order (2025-2046)	Drought permits/orders	Refined Feasible
SWS_KME_RE-DRO_ALL_ALL_si_ket2_v4	Faversham sources Drought Permit/Order (2025-2036)	Drought permits/orders	Refined Feasible
SWS_KME_RE-DRO_ALL_ALL_si_ket2_v5	Faversham sources Drought Permit/Order (2025 onwards)	Drought permits/orders	Refined Feasible
SWS_KME_RE-TFR_ALL_ALL_wlvl-seatanker	Waterlevel Extreme Drought Resilience Service (based upon insurance proposal)	International import	Refined Feasible
SWS_KME_RE-TFR_ALL_ALL_wlvl-seatanker-v2	Waterlevel Extreme Drought Resilience Service (without insurance)	International import	Refined Feasible
SWS_KMW_EF-OTR_ALL_ALL_emergency deficit	Drought Operational Management - KMW	Outage reduction	Refined Feasible
SWS_KMW_RE-DRO_ALL_ALL_si_bew2_v2	River Medway Scheme (stages 1 to 4) Drought Permit/Order (2025 Onwards)	Drought permits/orders	Refined Feasible
SWS_KMW_RE-DRO_ALL_ALL_si_bew2_v3	River Medway Scheme (stages 1 to 4) Drought Permit/Order (2025 Onwards)	Drought permits/orders	Refined Feasible
SWS_KMW_RE-DRO_ALL_ALL_si_bew2_v4	River Medway Scheme (stages 1 to 4) Drought Permit/Order (2025 Onwards)	Drought permits/orders	Refined Feasible
SWS_KMW_RE-DRO_ALL_ALL_si_bew2_v5	Drougth option: Bewl Water/River Medway Scheme (stages 1 to 4) Drought Permit/Order (	Drought permits/orders	Refined Feasible
SWS_KMW_RE-TFR_ALL_ALL_wlvl-seatanker	Waterlevel Extreme Drought Resilience Service (based upon insurance proposal)	International import	Refined Feasible
SWS_KMW_RE-TFR_ALL_ALL_wlvl-seatanker-v2	Waterlevel Extreme Drought Resilience Service (without insurance)	International import	Refined Feasible
SWS_KTZ_EF-OTR_ALL_ALL_emergency deficit	Drought Operational Management - KTZ	Outage reduction	Refined Feasible
SWS_KTZ_HI-TFR_RZ8_ALL_canterb-wingha p 40	Canterbury (Broad Oak) to near Canterbury GW (40 Ml/d)	External potable bulk supply/transfer	Refined Feasible
SWS_KTZ_HI-TFR_RZ8_ALL_canterb-wingha p 60	Canterbury (Broad Oak) to near Canterbury GW (60 Ml/d)	External potable bulk supply/transfer	Refined Feasible
SWS_KTZ_RE-DRO_ALL_ALL_si_woo2_v2	Sandwich Drought Permit/Order (2025-2051)	Drought permits/orders	Refined Feasible
SWS_KTZ_RE-DRO_ALL_ALL_si_woo2_v3	Sandwich Drought Permit/Order (2025-2046)	Drought permits/orders	Refined Feasible
SWS_KTZ_RE-DRO_ALL_ALL_si_woo2_v4	Sandwich Drought Permit/Order (2025-2036)	Drought permits/orders	Refined Feasible
SWS_KTZ_RE-DRO_ALL_ALL_si_woo2_v5	Sandwich Drought Permit/Order (2025 onwards)	Drought permits/orders	Refined Feasible
SWS_OTT_HI-REU_RE1_CNO_bpcm60	Recycling: Combine Budds Farm & Peel Common WwTWs to River Itchen (modular 0-60Ml	Water reuse	Refined Feasible
SWS_OTT_HI-REU_RE1_CNO_sro_b0_40	Recycling: Budds Farm WwTW to Upper River Itchen (40Ml/d)	Water reuse	Refined Feasible
SWS_OTT_HI-REU_RE2_ALL_bpcm90	Recycling: Combine Budds Farm & Peel Common WwTWs to River Itchen (modular 60-90M	Water reuse	Refined Feasible
SWS_otterbour-gaters m p_reverse	Gaters Mill to Otterbourne	External potable bulk supply/transfer	Refined Feasible
SWS_RZ2_HI-TFR_SBZ_ALL_brighto-barcom p 20	Brighton to Barcombe: 20Ml/d (Reverse)	External potable bulk supply/transfer	Refined Feasible
SWS_RZ2_HI-TFR_SBZ_ALL_brighto-barcom p 40	Brighton to Barcombe: 40Ml/d (Reverse)	External potable bulk supply/transfer	Refined Feasible
SWS_RZ2_HI-TFR_SBZ_ALL_brighto-barcom p 5	Brighton to Barcombe: 5Ml/d (Reverse)	External potable bulk supply/transfer	Refined Feasible
SWS_RZ2_HI-TFR_SNZ_ALL_hardham-cuckfi p 15	Hardham to Cuckfield: 15Ml/d (Reverse)	External potable bulk supply/transfer	Refined Feasible
SWS_RZ2_HI-TFR_SNZ_ALL_hardham-cuckfi p 50	Hardham to Cuckfield: 50Ml/d (Reverse)	External potable bulk supply/transfer	Refined Feasible
SWS_RZ2_HI-TFR_SNZ_ALL_turners-cuckfi p 10	Turners Hill to Cuckfield: 10Ml/d (Reverse)	External potable bulk supply/transfer	Refined Feasible
SWS_RZ2_HI-TFR_SNZ_ALL_turners-cuckfi p 25	Turners Hill to Cuckfield: 25Ml/d (Reverse)	External potable bulk supply/transfer	Refined Feasible
SWS_RZ2_HI-TFR_SNZ_ALL_turners-whitel p 10	Turners Hill to Whitely Hill: 10Ml/d (Reverse)	External potable bulk supply/transfer	Refined Feasible
SWS_RZ2_HI-TFR_SNZ_ALL_turners-whitel p 100	Turners Hill to Whitely Hill: 100Ml/d (Reverse)	External potable bulk supply/transfer	Refined Feasible
SWS_RZ2_HI-TFR_SNZ_ALL_turners-whitel p 25	Turners Hill to Whitely Hill: 25Ml/d (Reverse)	External potable bulk supply/transfer	Refined Feasible
SWS_RZ2_HI-TFR_SNZ_ALL_turners-whitel p 50	Turners Hill to Whitely Hill: 50Ml/d (Reverse)	External potable bulk supply/transfer	Refined Feasible
SWS_RZ3_HI-TFR_SHZ_ALL_brede-hazard p 10	Brede to Hazards Green: 10Ml/d (Reverse)	External potable bulk supply/transfer	Refined Feasible
SWS_RZ3_HI-TFR_SHZ_ALL_brede-hazard p 20	Brede to Hazards Green: 20Ml/d (Reverse)	External potable bulk supply/transfer	Refined Feasible
SWS_RZ8_HI-TFR_SHZ_ALL_brede-kingsn p 20	Brede to Kingsnorth: 20Ml/d (Reverse)	External potable bulk supply/transfer	Refined Feasible
SWS_SBZ_HI-TFR_RZ2_ALL_cuckfie-bright p 20	Cuckfield to SBZ: 20Ml/d	External potable bulk supply/transfer	Refined Feasible
SWS_SBZ_HI-TFR_RZ2_ALL_cuckfie-bright p 40	Cuckfield to SBZ: 40Ml/d	External potable bulk supply/transfer	Refined Feasible
SWS_SBZ_HI-TFR_RZ2_ALL_cuckfie-bright p 5	Cuckfield to SBZ: 5Ml/d	External potable bulk supply/transfer	Refined Feasible
SWS_SHZ_EF-OTR_ALL_ALL_emergency deficit	Drought Operational Management - SHZ	Outage reduction	Refined Feasible
SWS_SHZ_HI-TFR_RZ3_ALL_arlingt-brede p 10	Arlington to Rye: 10Ml/d	External potable bulk supply/transfer	Refined Feasible
SWS_SHZ_HI-TFR_RZ3_ALL_arlingt-brede p 20	Arlington to Rye: 20Ml/d	External potable bulk supply/transfer	Refined Feasible
SWS_SHZ_RE-DRO_ALL_ALL_si_dar2_v2	Drought option: Darwell Reservoir (stages 1 (freshet removal) to 3) Drought Permit/Order (	Drought permits/orders	Refined Feasible
SWS_SHZ_RE-DRO_ALL_ALL_si_dar2_v3	Drought option: Darwell Reservoir (stages 1 (freshet removal) to 3) Drought Permit/Order (	Drought permits/orders	Refined Feasible
SWS_SHZ_RE-DRO_ALL_ALL_si_dar2_v4	Drought option: Darwell Reservoir (stages 1 (freshet removal) to 3) Drought Permit/Order (	Drought permits/orders	Refined Feasible
SWS_SHZ_RE-DRO_ALL_ALL_si_dar2_v5	Drought option: Darwell Reservoir (stages 1 (freshet removal) to 3) Drought Permit/Order (	Drought permits/orders	Refined Feasible
SWS_SNZ_EF-OTR_ALL_ALL_emergency deficit	Drought Operational Management - SNZ	Outage reduction	Refined Feasible
SWS_SNZ_HI-ROC_WT1_ALL_hardham treatment	Drungewick Manor to Pulborough including WTW	Internal raw water transfer	Refined Feasible
SWS_SNZ_HI-ROC_WT2_ALL_hardham treatment	Drungewick Manor to Pulborough Phase 2 including WTW	Internal raw water transfer	Refined Feasible
SWS_SNZ_HI-ROC_WT3_ALL_hardham treatment	Drungewick Manor to Pulborough Phase 3 including WTW	Internal raw water transfer	Refined Feasible
SWS_SNZ_HI-ROC_WT4_ALL_hardham treatment	Drungewick Manor to Pulborough Phase 4 including WTW	Internal raw water transfer	Refined Feasible
SWS_SNZ_HI-ROC_WT5_ALL_hardham treatment	Drungewick Manor to Pulborough Phase 8 including WTW	Internal raw water transfer	Refined Feasible
SWS_SNZ_HI-ROC_WT6_ALL_hardham treatment	Drungewick Manor to Pulborough Phase 6 including WTW	Internal raw water transfer	Refined Feasible
SWS_SNZ_HI-ROC_WT7_ALL_hardham treatment	Drungewick Manor to Pulborough Phase 7 including WTW	Internal raw water transfer	Refined Feasible
SWS_SNZ_HI-ROC_WT8_ALL_hardham treatment	Drungewick Manor to Pulborough Phase 8 including WTW	Internal raw water transfer	Refined Feasible
SWS_SNZ_HI-TFR_GUI_ALL_shalfor-hardha p 10	Shalford to Pulborough: 10Ml/d	External potable bulk supply/transfer	Refined Feasible
SWS_SNZ_HI-TFR_GUI_ALL_shalfor-hardha p 10_reverse	Shalford to Pulborough: 10Ml/d (Reverse)	External potable bulk supply/transfer	Refined Feasible
SWS_SNZ_HI-TFR_GUI_ALL_shalfor-hardha p 20	Shalford to Pulborough: 20Ml/d	External potable bulk supply/transfer	Refined Feasible
SWS_SNZ_HI-TFR_GUI_ALL_shalfor-hardha p 20_reverse	Shalford to Pulborough: 20Ml/d (Reverse)	External potable bulk supply/transfer	Refined Feasible
SWS_SNZ_HI-TFR_GUI_ALL_shalfor-hardha p 40	Shalford to Pulborough: 40Ml/d	External potable bulk supply/transfer	Refined Feasible
SWS_SNZ_HI-TFR_GUI_ALL_shalfor-hardha p 40_reverse	Shalford to Pulborough: 40Ml/d (Reverse)	External potable bulk supply/transfer	Refined Feasible
SWS_SNZ_HI-TFR_PWE_ALL_havant -hardha r 100	Havant Thicket To Pulborough WTW: 100Ml/d WTW Phase 1	External raw water bulk supply/transfer	Refined Feasible
SWS_SNZ_HI-TFR_RZ5_ALL_tilmore-hardha p 80	Tilmore to Pulborough: 80Ml/d	External potable bulk supply/transfer	Refined Feasible
SWS_SNZ_HI-TFR_SES_ALL_outwood-turner p 100	Outwood To Turners Hill: 100Ml/d	External potable bulk supply/transfer	Refined Feasible
SWS_SNZ_HI-TFR_SES_ALL_outwood-turner p 50	Outwood To Turners Hill: 50Ml/d	External potable bulk supply/transfer	Refined Feasible
SWS_SNZ_RE-DRO_ALL_ALL_si_har_2_v2	Drought option: Pulborough Surface water (Phases 1-3) Drought Permit/Order (2025-2051	Drought permits/orders	Refined Feasible
SWS_SNZ_RE-DRO_ALL_ALL_si_har_2_v3	Drought option: Pulborough Surface water (Phases 1-3) Drought Permit/Order (2025-2046	Drought permits/orders	Refined Feasible
SWS_SNZ_RE-DRO_ALL_ALL_si_har_2_v4	Drought option: Pulborough Surface water (Phases 1-3) Drought Permit/Order (2025-2036	Drought permits/orders	Refined Feasible
SWS_SNZ_RE-DRO_ALL_ALL_si_har_2_v5	Drought option: Pulborough Surface water (Phases 1-3) Drought Permit/Order (2025 onwa	Drought permits/orders	Refined Feasible
SWS_SNZ_RE-DRO_ALL_ALL_si_wei_2_v2	Drought option: Weir Wood reservoir Drought Permit/Order (2025-2051)	Drought permits/orders	Refined Feasible
SWS_SNZ_RE-DRO_ALL_ALL_si_wei_2_v3	Drought option: Weir Wood reservoir Drought Permit/Order (2025-2046)	Drought permits/orders	Refined Feasible
SWS_SNZ_RE-DRO_ALL_ALL_si_wei_2_v4	Drought option: Weir Wood reservoir Drought Permit/Order (2025-2036)	Drought permits/orders	Refined Feasible
SWS_SNZ_RE-DRO_ALL_ALL_si_wei_2_v5	Drought option: Weir Wood reservoir Drought Permit/Order (2025 onwards)	Drought permits/orders	Refined Feasible
SWS_STT_HI-RAB_RE1_ALL_c2-300-mythe_15	STT Canal: Mythe abstraction reduction (15Mld) (SWS: 19%)	External raw water bulk supply/transfer	Refined Feasible
SWS_STT_HI-RAB_RE1_ALL_c4-300-vyrnwy_50	STT Canal: Vyrnwy Reservoir river release (50Mld) (SWS: 19%)	External raw water bulk supply/transfer	Refined Feasible
SWS_STT_HI-RAB_RE1_ALL_c5-300-vyrnwy_75	STT Canal: Additional 25Mld for a total Vyrnwy Reservoir river release (75Mld) (SWS: 19%)	External raw water bulk supply/transfer	Refined Feasible
SWS_STT_HI-RAB_RE1_ALL_c6-300-shrewsbury_25	STT Canal: River Vyrnwy Mitigation – Shrewsbury Redeployment (25Mld) (SWS: 19%)	External raw water bulk supply/transfer	Refined Feasible
SWS_STT_HI-RAB_RE1_ALL_p2-300-mythe_15	STT 300: Mythe abstraction reduction (15Mld) (SWS: 19%)	External raw water bulk supply/transfer	Refined Feasible
SWS_STT_HI-RAB_RE1_ALL_p2-400-mythe_15	STT 400: Mythe abstraction reduction (15Mld) (SWS: 19%)	External raw water bulk supply/transfer	Refined Feasible
SWS_STT_HI-RAB_RE1_ALL_p2-500-mythe_15	STT 500: Mythe abstraction reduction (15Mld) (SWS: 19%)	External raw water bulk supply/transfer	Refined Feasible
SWS_STT_HI-RAB_RE1_ALL_p3-300-vyrnwy_50	STT 300: Vyrnwy Reservoir river release (50Mld) (SWS: 19%)	External raw water bulk supply/transfer	Refined Feasible
SWS_STT_HI-RAB_RE1_ALL_p3-400-vyrnwy_50	STT 400: Vyrnwy Reservoir river release (50Mld) (SWS: 19%)	External raw water bulk supply/transfer	Refined Feasible
SWS_STT_HI-RAB_RE1_ALL_p3-500-vyrnwy_50	STT 500: Vyrnwy Reservoir river release (50Mld) (SWS: 19%)	External raw water bulk supply/transfer	Refined Feasible
SWS_STT_HI-RAB_RE1_ALL_p4-300-vyrnwy_75	STT 300: Additional 25Mld for a total Vyrnwy Reservoir river release (75Mld) (SWS: 19%)	External raw water bulk supply/transfer	Refined Feasible
SWS_STT_HI-RAB_RE1_ALL_p4-400-vyrnwy_75	STT 400: Additional 25Mld for a total Vyrnwy Reservoir river release (75Mld) (SWS: 19%)	External raw water bulk supply/transfer	Refined Feasible
SWS_STT_HI-RAB_RE1_ALL_p4-500-vyrnwy_75	STT 500: Additional 25Mld for a total Vyrnwy Reservoir river release (75Mld) (SWS: 19%)	External raw water bulk supply/transfer	Refined Feasible
SWS_STT_HI-RAB_RE1_ALL_p6-300-shrewsbury_25	STT 300: River Vyrnwy Mitigation – Shrewsbury Redeployment (25Mld) (SWS: 19%)	External raw water bulk supply/transfer	Refined Feasible
SWS_STT_HI-RAB_RE1_ALL_p6-400-shrewsbury_25	STT 400: River Vyrnwy Mitigation – Shrewsbury Redeployment (25Mld) (SWS: 19%)	External raw water bulk supply/transfer	Refined Feasible
SWS_STT_HI-RAB_RE1_ALL_p6-500-shrewsbury_25	STT 500: River Vyrnwy Mitigation – Shrewsbury Redeployment (25Mld) (SWS: 19%)	External raw water bulk supply/transfer	Refined Feasible
SWS_SWZ_EF-OTR_ALL_ALL_emergency deficit	EMERGENCY DEFICIT Sussex Worthing	Outage reduction	Refined Feasible
SWS_SWZ_RE-DRO_ALL_ALL_dp_nor_2_v2	Drought option: East Worthing Drought Permit/Order (2025-2051)	Drought permits/orders	Refined Feasible
SWS_SWZ_RE-DRO_ALL_ALL_dp_nor_2_v3	Drought option: East Worthing Drought Permit/Order (2025-2046)	Drought permits/orders	Refined Feasible
SWS_SWZ_RE-DRO_ALL_ALL_dp_nor_2_v4	Drought option: East Worthing Drought Permit/Order (2025-2036)	Drought permits/orders	Refined Feasible
SWS_SWZ_RE-DRO_ALL_ALL_dp_nor_2_v5	Drought option: East Worthing Drought Permit/Order (2025 onwards)	Drought permits/orders	Refined Feasible
SWS_SWZ_RE-DRO_ALL_ALL_si_mad_2_v2	Drought option: North Arundel Drought Permit/Order (2025-2051)	Drought permits/orders	Refined Feasible
SWS_SWZ_RE-DRO_ALL_ALL_si_mad_2_v3	Drought option: North Arundel Drought Permit/Order (2025-2046)	Drought permits/orders	Refined Feasible
SWS_SWZ_RE-DRO_ALL_ALL_si_mad_2_v4	Drought option: North Arundel Drought Permit/Order (2025-2036)	Drought permits/orders	Refined Feasible
SWS_SWZ_RE-DRO_ALL_ALL_si_mad_2_v5	Drought option: North Arundel Drought Permit/Order (2025 onwards)	Drought permits/orders	Refined Feasible
SWS_t2st_read_ott_120_p	T2ST 120 Ml/d Potable Reading-Otterbourne	External potable bulk supply/transfer	Refined Feasible
SWS_t2st_read_ott_120_p_24	T2ST 120 Ml/d Potable Reading-Otterbourne (25 Ml/d WTW Phase 1)	External potable bulk supply/transfer	Refined Feasible

Option ID	Option Name	Option type	Option status
SWS_t2st_read_ott_120_p_24_p2	T2ST 120 Ml/d Potable Reading-Otterbourne (25 Ml/d WTW Phase 2)	External potable bulk supply/transfer	Refined Feasible
SWS_t2st_read_ott_120_p_24_p3	T2ST 120 Ml/d Potable Reading-Otterbourne (25 Ml/d WTW Phase 3)	External potable bulk supply/transfer	Refined Feasible
SWS_t2st_read_ott_120_p_24_p4	T2ST 120 Ml/d Potable Reading-Otterbourne (25 Ml/d WTW Phase 4)	External potable bulk supply/transfer	Refined Feasible
SWS_t2st_read_ott_120_p_24_p5	T2ST 120 Ml/d Potable Reading-Otterbourne (25 Ml/d WTW Phase 5)	External potable bulk supply/transfer	Refined Feasible
SWS_t2st_read_ott_200_p_24	T2ST 200 Ml/d Potable Reading-Otterbourne (120 Ml/d WTW Phase 1)	External potable bulk supply/transfer	Refined Feasible
SWS_t2st_read_ott_200_p_24_p2	T2ST 200 Ml/d Potable Reading-Otterbourne (25 Ml/d WTW Phase 2)	External potable bulk supply/transfer	Refined Feasible
SWS_t2st_read_ott_200_p_24_p3	T2ST 200 Ml/d Potable Reading-Otterbourne (25 Ml/d WTW Phase 3)	External potable bulk supply/transfer	Refined Feasible
SWS_t2st_read_ott_200_p_24_p4	T2ST 200 Ml/d Potable Reading-Otterbourne (25 Ml/d WTW Phase 4)	External potable bulk supply/transfer	Refined Feasible
SWS_t2st_read_ott_50_p	T2ST 50 Ml/d Potable Reading-Otterbourne	External potable bulk supply/transfer	Refined Feasible
SWS_t2st_read_ott_50_p_24	T2ST 50 Ml/d Potable Reading-Otterbourne (25 Ml/d WTW Phase 1)	External potable bulk supply/transfer	Refined Feasible
SWS_t2st_read_ott_50_p_24_p2	T2ST 50 Ml/d Potable Reading-Otterbourne (25 Ml/d WTW Phase 2)	External potable bulk supply/transfer	Refined Feasible
SWS_t2st_read_ott_80_p	T2ST 80 Ml/d Potable Reading-Otterbourne	External potable bulk supply/transfer	Refined Feasible
SWS_t2st_read_ott_80_p_24	T2ST 80 Ml/d Potable Reading-Otterbourne (25 Ml/d WTW Phase 1)	External potable bulk supply/transfer	Refined Feasible
SWS_t2st_read_ott_80_p_24_p2	T2ST 80 Ml/d Potable Reading-Otterbourne (25 Ml/d WTW Phase 2)	External potable bulk supply/transfer	Refined Feasible
SWS_t2st_read_ott_80_p_24_p3	T2ST 80 Ml/d Potable Reading-Otterbourne (25 Ml/d WTW Phase 3)	External potable bulk supply/transfer	Refined Feasible
SWS_TWD_HI-IMP_TWD_ALL_sww resource	WCS SRO Poole Effluent Raw Transfer	External raw water bulk supply/transfer	Refined Feasible
SWS_TWJ_HI-TFR_UTC_ALL_chertse-drunge r 100	Chertsey to Drungewick Manor: 100Ml/d	External raw water bulk supply/transfer	Refined Feasible
SWS_TWJ_HI-TFR_UTC_ALL_chertse-drunge r 50	Chertsey to Drungewick Manor: 50Ml/d	External raw water bulk supply/transfer	Refined Feasible
SWS_weir wood-kmw r	Weir Wood to KMW: 10000Ml/d	Internal raw water transfer	Refined Feasible
SWS_wsx 2 sws group	WSX SR to Lower Test WSW	New reservoir	Refined Feasible
SWS_WWD_HI-REU_RE1_CNO_env_cu_wei_conju	Recycling: Crawley WTW conjunctive use with Weir Wood reservoir (19.7Ml/d)	Water reuse	Refined Feasible
SWS_WWD_HI-TFR_TWJ_ALL_drungew-weir w r 100	Drungewick Manor to Weir Wood: 100Ml/d	Internal raw water transfer	Refined Feasible
SWS_WWD_HI-TFR_TWJ_ALL_drungew-weir w r 50	Drungewick Manor to Weir Wood: 50Ml/d	Internal raw water transfer	Refined Feasible
TWU_cm_p1_colne	Catchment Portfolio: Colne	Catchment management	Preferred
TWU_dmp gov-led b hy	Government-led Demand Reduction - Profile B (Thames Water)	Water efficiency customer education / awareness	Preferred
TWU_dummy u7z-kem r	Import of Unsupported River Severn Water down River Thames from SWOX to London	Internal raw water transfer	Preferred
TWU_dummy utc-wlj r	Import of Water down River Thames from SWOX to London	Internal raw water transfer	Preferred
TWU_eastlondonwtw	Available Treatment Capacity at Coppermills WTW	Water treatment works capacity increase	Preferred
TWU_egham london group	London Licence Trade with Affinity Water	External raw water bulk supply/transfer	Preferred
TWU_GUI_HI-GRW_ALL_ALL_dapdune lic disagg	Groundwater Development - Dapdune Licence Disaggregation	New groundwater	Preferred
TWU_GUI_RE-DRP_ALL_ALL_dp-shalford-guild	Shalford Drought Permit (ends 2041)	Drought permits/orders	Preferred
TWU_HEN_RE-DRP_ALL_ALL_dp-sheep/harp-hen	Sheeplands/Harpsden Drought Permit (ends 2041)	Drought permits/orders	Feasible
TWU_KEM_EF-TFR_RE1_ALL_tedd-kempton res	Teddington Resource	Internal raw water transfer	Preferred
TWU_KEM_HI-OTH_ALL_ALL_con_lon_50_ph1	Conjunctive Benefit to London of a Pinn WTW Phase 1 (50Ml/d)	Conjunctive use	Preferred
TWU_KEM_HI-OTH_ALL_ALL_con_lon_50_ph2	Conjunctive Benefit to London of a Pinn WTW Phase 2 (50Ml/d)	Conjunctive use	Preferred
TWU_KGV_HI-TFR_KGV_ALL_lockwood ps-kgv res	Thames-Lee Tunnel extension from Lockwood PS to King George V Reservoir intake	Internal raw water transfer	Preferred
TWU_KGV_HI-TFR_TED_ALL_teddingtondrated/tlt	Direct River Abstraction - Teddington to Thames Lee Tunnel Shaft 75 MLD	Internal raw water transfer	Preferred
TWU_KVZ_HI-GRW_ALL_ALL_mortimer recomm	Groundwater Development - Recomission Mortimer Disused Source	New groundwater	Preferred
TWU_KVZ_HI-TFR_T2S_ALL_t2st cul to speen	T2ST Spur to Kennet Valley - Speen	Internal potable transfer	Preferred
TWU_KVZ_RE-DRP_ALL_ALL_dp-playhatch-kv	Playhatch Drought Permit (ends 2041)	Drought permits/orders	Preferred
TWU_LON_HI-GRW_ALL_ALL_addington gw	Groundwater Development - Addington	New groundwater	Preferred
TWU_LON_HI-GRW_ALL_ALL_london conchalk	Groundwater Development - Confined Chalk North London	New groundwater	Feasible
TWU_LON_HI-GRW_ALL_ALL_s'fleet lic disagg	Groundwater Development - Southfleet & Greenhithe	New groundwater	Preferred
TWU_LON_HI-GRW_ALL_ALL_thames valley asr	Managed Aquifer Recharge - Thames Valley, South London	Aquifer recharge/Aquifer storage recovery	Feasible
TWU_LON_HI-GRW_ALL_CNO_kidbrooke slars	Managed Aquifer Recharge - Kidbrooke (SLARS1)	Aquifer recharge/Aquifer storage recovery	Feasible
TWU_LON_HI-GRW_RE1_ALL_asrhortonkirby	Manager Aquifer Recharge - Horton Kirby ASR	Aquifer recharge/Aquifer storage recovery	Preferred
TWU_LON_HI-OTH_ALL_ALL_didcot purchase	Didcot Power Station Licence Trading	Licence trading	Preferred
TWU_LON_HI-ROC_WT1_ALL_existing w lon wtw	Available Treatment Capacity at West London WTWs	Trunk mains renewal/new	Preferred
TWU_LON_HI-ROC_WT1_CNO_kemptonwtw100 p1	New WTW at Kempton - 100Ml/d	Trunk mains renewal/new	Preferred
TWU_LON_HI-ROC_WT1_CNO_kemptonwtw150	New WTW at Kempton - 150Ml/d	Trunk mains renewal/new	Preferred
TWU_LON_HI-ROC_WT1_DEV_kemptonwtw	Kempton WTW Planning & Development	Water treatment works capacity increase	Preferred
TWU_SES_HI-TFR_LON_ALL_r10	Transfer from Merton (TW) to SES Boundary at 15Ml/d Reverse	External potable bulk supply/transfer	Preferred
TWU_sesro to farmoor	Abingdon Reservoir to Farmoor Reservoir pipeline	Internal raw water transfer	Preferred
TWU_sew to gui	Transfer - SEW to Guildford	External potable bulk supply/transfer	Preferred
TWU_STR_HI-RSR_RE1_CNO_abingdon150(lon)	New Reservoir - SESRO 150Mm3 (TW: 41%)	New reservoir	Refined Feasible
TWU_STT_HI-RAB_RE1_ALL_p10-300-vyrnwy_180_b	STT 300: Vyrnwy Reservoir river release (75 Mld) and additional 30 to make 105 of Bypass	External raw water bulk supply/transfer	Feasible
TWU_STT_HI-RAB_RE1_ALL_p7-300-vyrnwy_135_b	STT 300: Vyrnwy Reservoir river release (75 Mld) and additional 35 to make 60 of Bypass (:	External raw water bulk supply/transfer	Feasible
TWU_STT_HI-RAB_RE1_ALL_p8-300-vyrnwy_155_b	STT 300: Vyrnwy Reservoir river release (75 Mld) and additional 15 to make 75 of Bypass (:	External raw water bulk supply/transfer	Feasible
TWU_STT_HI-RAB_RE1_ALL_p9-300-vyrnwy_100_b	STT 300: Vyrnwy Reservoir river release (75 Mld) and 25 Mld of Bypass (105Mld) (TW: 74%	External raw water bulk supply/transfer	Feasible
TWU_STT_HI-REU_RE1_ALL_p11-300-min_115_p2	STT 300: Minworth STW effluent diversion (115Mld) - phase 2 (TW: 74%)	External raw water bulk supply/transfer	Feasible
TWU_STT_HI-REU_RE1_ALL_p5-300-neth_p35	STT 300: 300 Ml/d Pipe, Netheridge & Unsupported (TW: 74%)	External raw water bulk supply/transfer	Feasible
TWU_STT_HI-REU_RE1_ALL_p7-300-minworth_115	STT 300: Minworth STW effluent diversion (115Mld) - phase 1 (TW: 74%)	External raw water bulk supply/transfer	Feasible
TWU_SWA_HI-GRW_ALL_ALL_datchet do	Groundwater Development - Datchet Existing Source DO Increase	New groundwater	Preferred
TWU_SWA_HI-TFR_HEN_ALL_henley-swa5	Henley to SWA Transfer – 5 Ml/d	Internal potable transfer	Feasible
TWU_SWA_HI-TFR_SWX_ALL_swoxswa48	Transfer from WTW in Abingdon to SWA - 48Ml/d	Internal potable transfer	Preferred
TWU_SWX_HI-GRW_ALL_ALL_moulsford gw	Groundwater Development - Moulsford Groundwater Source	New groundwater	Preferred
TWU_SWX_HI-GRW_ALL_ALL_woods farm do	Groundwater Development - Woods Farm Existing Source Increase DO	New groundwater	Preferred
TWU_SWX_HI-GRW_RE1_ALL_britwell roc	Groundwater Development - Britwell Groundwater Source - Removal of Constraints	New groundwater	Preferred
TWU_SWX_HI-IMP_SWX_ALL_wessextoswoxflax	Wessex Water to SWOX Transfer (Flaxlands)	External potable bulk supply/transfer	Preferred
TWU_SWX_HI-IMP_SWX_CNO_oxc-dukes cutswox	Oxford Canal - Duke's Cut (SWOX) - Construction	External raw water bulk supply/transfer	Feasible
TWU_SWX_HI-ROC_WT1_CNO_abingdon wtw ph1	New WTW - Abingdon - Phase 1	Water treatment works capacity increase	Preferred
TWU_SWX_RE-DRP_ALL_ALL_dp-gatehampton-swox	Gatehampton Drought Permit (ends 2041)	Drought permits/orders	Preferred
TWU_TED_HI-RAB_RE1_CNO_teddington dra 75	Teddington Direct River Abstraction (Indirect Effluent Reuse) 75 MLD - (75 Ml/d connectio	New surface water	Preferred
TWU_teddkem	Teddington to Kempton (displacement of water)	Internal raw water transfer	Preferred
TWU_thamestofobney	River Thames to Fobney Transfer	Internal raw water transfer	Preferred
TWU_tw(kv)to(hen)	Transfer - Kennet Valley to Henley	Internal potable transfer	Preferred
TWU_tw(swa)to(swx)	SWA to SWOX Transfer	Internal potable transfer	Preferred
TWU_XXX_EF-CRE_ALL_ALL_met inno psup med	Metering Innovation (PSUP) (medium)	Metering other selective	Preferred
TWU_XXX_EF-CRE_ALL_ALL_pmp med	Progressive Metering Programme (PMP) (medium)	Metering compulsory	Preferred
TWU_XXX_EF-CRE_ALL_ALL_psup med	Progressive Smart Upgrade Programme (PSUP) (medium)	Metering other selective	Preferred
TWU_XXX_EF-CRE_ALL_ALL_psup nhh med	Non-Household PSUP (medium)	Metering other selective	Preferred
TWU_XXX_EF-LKR_ALL_ALL_advanced dma med	Advanced DMA (medium)	Active leakage management	Preferred
TWU_XXX_EF-LKR_ALL_ALL_leakage inno med	Leakage Innovation (medium)	Trunk mains renewal/new	Preferred
TWU_XXX_EF-LKR_ALL_ALL_mains rehab med	Mains Rehab (medium)	Trunk mains renewal/new	Preferred
TWU_XXX_EF-WEF_ALL_ALL_bulks med	Bulks (medium)	Supply pipe repairs / replacement	Preferred
TWU_XXX_EF-WEF_ALL_ALL_det hh med	Digital Engagement Tool (medium)	Household water audit	Preferred
TWU_XXX_EF-WEF_ALL_ALL_gree rede hh med	Green Redeem (medium)	Household water audit	Preferred
TWU_XXX_EF-WEF_ALL_ALL_hi&t hh med	Household Innovation and Tariffs (medium)	Household water audit	Preferred
TWU_XXX_EF-WEF_ALL_ALL_mini bulks med	Mini Bulks (medium)	Supply pipe repairs / replacement	Preferred
TWU_XXX_EF-WEF_ALL_ALL_sbv nhh med	Smarter Business Visits (medium)	Household water audit	Preferred
TWU_XXX_EF-WEF_ALL_ALL_shv opt hh med	Smarter Home Visit (Optants) (medium)	Household water audit	Preferred
TWU_XXX_EF-WEF_ALL_ALL_shv pmp hh med	Smarter Home Visit (PMP (medium)	Household water audit	Preferred
TWU_XXX_EF-WEF_ALL_ALL_shv psup hh med	Smarter Home Visit (PSUP) (medium)	Household water audit	Preferred
TWU_XXX_EF-WEF_ALL_ALL_wastage hh med	Household Wastage Fix (medium)	Household water audit	Preferred
TWU_XXX_RE-OTH_ALL_ALL_media	Thames Water Media	Drought - water use restrictions	Preferred
TWU_XXX_RE-OTH_ALL_ALL_neub	Non-essential use bans	Drought - water use restrictions	Preferred
TWU_XXX_RE-OTH_ALL_ALL_tub	Temporary use bans	Drought - water use restrictions	Preferred
TWU_becktondesal 100 P1	Beckton Desalination - Phase 1: 100 Ml/d	Desalination	Feasible
TWU_becktondesal 150	Beckton Desalination - 150 Ml/d	Desalination	Feasible
TWU_becktondesal 50 P1	Beckton Desalination - Phase 1: 50 Ml/d	Desalination	Feasible
TWU_becktondesal 50 P2	Beckton Desalination - Phase 2a: 50 Ml/d Enhancement	Desalination	Feasible
TWU_cm_p1_darent cray	Catchment Portfolio: Darent and Cray	Catchment management	Feasible
TWU_cm_p1_kennet trib	Catchment Portfolio: Kennet and tributaries	Catchment management	Feasible
TWU_cm_p1_loddon trib	Catchment Portfolio: Loddon and Tributaries	Catchment management	Feasible
TWU_cm_p1_london	Catchment Portfolio: London	Catchment management	Feasible
TWU_cm_p1_maidenhead su	Catchment Portfolio: Maidenhead and Sunbury	Catchment management	Feasible
TWU_cm_p1_medway	Catchment Portfolio: Medway	Catchment management	Feasible
TWU_cm_p1_mole	Catchment Portfolio: Mole	Catchment management	Feasible

Option ID	Option Name	Option type	Option status
TWU_cm_p1_roding b i	Catchment Portfolio: Roding, Beam and Ingrebourne	Catchment management	Feasible
TWU_cm_p1_thames chilt	Catchment Portfolio: Thames and South Chilterns	Catchment management	Feasible
TWU_cm_p1_upper lee	Catchment Portfolio: Upper Lee	Catchment management	Feasible
TWU_cm_p1_wey trib	Catchment Portfolio: Wey and tributaries	Catchment management	Feasible
TWU_GUI_HI-GRW_ALL_ALL_dapdune roc	Groundwater Development - Removal of Constraints to Dapdune DO	New groundwater	Feasible
TWU_GUI_HI-TFR_SES_ALL_reigatetoguildford20	Transfer - Reigate (SES) to Guildford 20Ml/d	External potable bulk supply/transfer	Feasible
TWU_GUI_HI-TFR_SES_ALL_reigatetoguildford5	Transfer - Reigate (SES) to Guildford 5Ml/d	External potable bulk supply/transfer	Feasible
TWU_honor oak transfer	TWRM extension - Coppermills to Honor Oak	Trunk mains renewal/new	Feasible
TWU_KGV_HI-REU_RE1_CNO_deephams reuse 46.5	Deephams Reuse – 46.5 Ml/d (direct to King George V Reservoir)	Water reuse	Feasible
TWU_KGV_HI-REU_RE1_CNO_deephams reuse 46.5b	Deephams Reuse – 46.5 Ml/d (to TLT)	Water reuse	Preferred
TWU_KGV_HI-REU_RE1_CNO_reuse beckton 100_kgv	Reuse Beckton 100Ml/d (to King Geaorge V Reservoir)	Water reuse	Feasible
TWU_KGV_HI-REU_RE1_CNO_reuse beckton 100_lockwood	Reuse Beckton 100Ml/d (to Lockwood Pumping Station)	Water reuse	Feasible
TWU_KGV_HI-REU_RE1_CNO_reuse beckton 150	Reuse Beckton 150Ml/d (to Lockwood Pumping Station)	Water reuse	Feasible
TWU_KGV_HI-REU_RE1_CNO_reuse beckton 50	Reuse Beckton 50Ml/d (to Lockwood Pumping Station)	Water reuse	Feasible
TWU_KGV_HI-REU_RE1_CNO_reuse beckton 50_kgv	Reuse Beckton 50Ml/d (to King Geaorge V Reservoir)	Water reuse	Feasible
TWU_KGV_HI-REU_RE2_ALL_reuse beckton 100 p2_lockwood	Reuse Beckton 100Ml/d Additional Phase (to Lockwood Reservoir)	Water reuse	Feasible
TWU_KGV_HI-REU_RE2_ALL_reuse beckton 150 p2	Reuse Beckton 150Ml/d Additional Phase (to Lockwood Reservoir)	Water reuse	Feasible
TWU_KGV_HI-REU_RE2_ALL_reuse beckton 50 p2_kgv	Reuse Beckton 50Ml/d Additional Phase (to King Geaorge V Reservoir)	Water reuse	Feasible
TWU_KGV_HI-REU_RE2_ALL_reuse beckton 50 p2_lockwood	Reuse Beckton 50Ml/d Additional Phase (to Lockwood Reservoir)	Water reuse	Feasible
TWU_KGV_HI-TFR_KGV_ALL_kgv res intake	Intake Capacity Increase at King George V Reservoir	Internal raw water transfer	Feasible
TWU_KGV_HI-TFR_KGV_ALL_kgv res to bt	Additional conveyance from King George V Reservoir to break tank	Internal raw water transfer	Feasible
TWU_KMW_HI-TFR_HON_ALL_bs_hon_eastn_bd2_120	Import: Honor Oak to Near Rochester WTW (120Ml/d) Reverse	External potable bulk supply/transfer	Feasible
TWU_KMW_HI-TFR_HON_ALL_bs_hon_eastn_bd2_60	Import: Honor Oak to Near Rochester WTW (60Ml/d) Reverse	External potable bulk supply/transfer	Feasible
TWU_KMW_HI-TFR_HON_CNO_bs_hon_eastn_10	Import: Honor Oak to Near Rochester WTW - bi-directional (10Ml/d) Reverse	External potable bulk supply/transfer	Feasible
TWU_KMW_HI-TFR_HON_CNO_bs_hon_eastn_20	Import: Honor Oak to Near Rochester WTW - bi-directional (20Ml/d) Reverse	External potable bulk supply/transfer	Feasible
TWU_KMW_HI-TFR_HON_CNO_bs_hon_eastn_30	Import: Honor Oak to Near Rochester WTW - bi-directional (30Ml/d) Reverse	External potable bulk supply/transfer	Feasible
TWU_KMW_HI-TFR_HON_CNO_bs_hon_eastn_40	Import: Honor Oak to Near Rochester WTW - bi-directional (40Ml/d) Reverse	External potable bulk supply/transfer	Feasible
TWU_KMW_HI-TFR_HON_CNO_bs_hon_eastn_45	Import: Honor Oak to Near Rochester WTW - bi-directional (45Ml/d) Reverse	External potable bulk supply/transfer	Feasible
TWU_KVZ_HI-GRW_ALL_ALL_east woodhay roc	Groundwater Development - East Woodhay borehole pumps Removal of Constraints to DO	New groundwater	Feasible
TWU_KVZ_HI-TFR_T2S_ALL_t2st cul to fobney	T2ST Spur to Kennet Valley - Fobney (Potable)	Internal potable transfer	Feasible
TWU_LON_HI-DES_ALL_ALL_beckton desal 50p2b	Beckton Desalination - Phase 2b: 50 Ml/d Enhancement	Desalination	Feasible
TWU_LON_HI-DES_ALL_ALL_crossnessdesal100p2	Crossness Desalination (Blended) - 100Ml/d Enhancement	Desalination	Feasible
TWU_LON_HI-DES_ALL_ALL_crossnessdesal50p2	Crossness Desalination (Blended) - 50Ml/d Enhancement	Desalination	Feasible
TWU_LON_HI-DES_ALL_CNO_crossnessdesal100p1	Crossness Desalination - Phase 1: 100 Ml/d	Desalination	Feasible
TWU_LON_HI-DES_ALL_CNO_crossnessdesal50p1	Crossness Desalination - Phase 1: 50 Ml/d	Desalination	Feasible
TWU_LON_HI-GRW_ALL_ALL_addington asr	Managed Aquifer Recharge - Addington	Aquifer recharge/Aquifer storage recovery	Feasible
TWU_LON_HI-GRW_ALL_ALL_honor oak gw	Groundwater Development - Honor Oak	New groundwater	Feasible
TWU_LON_HI-GRW_ALL_ALL_honoroak do	Groundwater Development - Increase DO of Existing Honor Oak Source	New groundwater	Feasible
TWU_LON_HI-GRW_ALL_ALL_merton recommission	Groundwater Development - Merton Recommissioning	New groundwater	Preferred
TWU_LON_HI-GRW_ALL_ALL_streatham ar	Managed Aquifer Recharge - Streatham (SLARS2)	Aquifer recharge/Aquifer storage recovery	Feasible
TWU_LON_HI-GRW_ALL_CNO_merton ar	Managed Aquifer Recharge - Merton (SLARS3)	Aquifer recharge/Aquifer storage recovery	Feasible
TWU_LON_HI-ROC_NET_ALL_barrowhillpump	Replace pump infrastructure at Barrow Hill - TWRM	Trunk mains renewal/new	Feasible
TWU_LON_HI-ROC_NET_ALL_twrm ht-coppermills	TWRM level controlled by new header tank and pumping station at Coppermills WTW	Trunk mains renewal/new	Feasible
TWU_LON_HI-ROC_WT1_CNO_eastlondonwtw100p1	New East London WTW - 100Ml/d	Water treatment works capacity increase	Feasible
TWU_LON_HI-ROC_WT1_CNO_eastlondonwtw150	New East London WTW - 150Ml/d	Water treatment works capacity increase	Feasible
TWU_LON_HI-ROC_WT1_CNO_eastlondonwtw200	New East London WTW - 200Ml/d	Water treatment works capacity increase	Feasible
TWU_LON_HI-ROC_WT1_CNO_eastlondonwtw300	New East London WTW - 300Ml/d	Water treatment works capacity increase	Feasible
TWU_LON_HI-ROC_WT1_CNO_kemptonwtw300	New WTW at Kempton - 300Ml/d	Trunk mains renewal/new	Feasible
TWU_LON_HI-ROC_WT2_ALL_eastlondonwtw100p2	New East London WTW - 100Ml/d additional phase	Water treatment works capacity increase	Feasible
TWU_LON_HI-ROC_WT2_ALL_kemptonwtw100 p2	New WTW at Kempton - 100Ml/d additional phase	Trunk mains renewal/new	Feasible
TWU_LON_HI-TFR_LON_ALL_ch'ford s intake	Intake Capacity Increase - Chingford South	Internal raw water transfer	Feasible
TWU_LON_HI-TFR_LON_ALL_datchet int-qm	Intake Capacity Increase - Datchet	Internal raw water transfer	Feasible
TWU_LON_HI-TFR_LON_ALL_littleton int-qm	Intake Capacity Increase - Queen Mary	Internal raw water transfer	Feasible
TWU_LON_HI-TFR_LON_ALL_newriverhead pump 4	Replace New River Head Pump - TWRM	Internal potable transfer	Feasible
TWU_LON_HI-TFR_LON_CNO_surbiton int-walton	Surbiton intake capacity increase with transfer to Walton inlet channel	Internal raw water transfer	Feasible
TWU_mogdenreuse 100	Reuse Mogden 100 MLD Phase 1	Water reuse	Feasible
TWU_mogdenreuse 100 p2	Reuse Mogden - 100 Ml/d Additional Phase	Water reuse	Feasible
TWU_mogdenreuse 50	Reuse Mogden 50 MLD Phase 1	Water reuse	Feasible
TWU_mogdenreuse 50 p2	Reuse Mogden - 50 Ml/d Additional Phase	Water reuse	Feasible
TWU_p1_cherwell ray	Catchment Portfolio 1: Cherwell and Ray	Catchment management	Feasible
TWU_STR_HI-RSR_RE1_CNO_abingdon100(lon)	New Reservoir - SESRO 100Mm3 (TW: 41%)	New reservoir	Preferred
TWU_STR_HI-RSR_RE1_CNO_abingdon125(lon)	New Reservoir - SESRO 125Mm3 (TW: 41%)	New reservoir	Refined Feasible
TWU_STR_HI-RSR_RE1_CNO_abingdon30+100p1	New Reservoir - SESRO 30+100Mm3 - Phase 1: (TW: 41%)	New reservoir	Refined Feasible
TWU_STR_HI-RSR_RE1_CNO_abingdon75(lon)	New Reservoir - SESRO 75Mm3 (TW: 41%)	New reservoir	Refined Feasible
TWU_STR_HI-RSR_RE1_CNO_abingdon80+42p1	New Reservoir - SESRO 80+42Mm3 - Phase 1: (TW: 41%)	New reservoir	Refined Feasible
TWU_STR_HI-RSR_RE1_CNO_res_ludgershall 30	New Reservoir - Ludgershall 30Mm3	New reservoir	Refined Feasible
TWU_STR_HI-RSR_RE1_CNO_res_ludgershall 50	New Reservoir - Ludgershall 50Mm3	New reservoir	Refined Feasible
TWU_STR_HI-RSR_RE1_CNO_res_marsh gibbon_3	New Reservoir - Marsh Gibbon 30Mm3	New reservoir	Refined Feasible
TWU_STR_HI-RSR_RE1_CNO_res_marshgibbon_1	New Reservoir - Marsh Gibbon 75Mm3	New reservoir	Refined Feasible
TWU_STR_HI-RSR_RE1_CNO_res_marshgibbon_2	New Reservoir - Marsh Gibbon 50Mm3	New reservoir	Refined Feasible
TWU_STR_HI-RSR_RE2_CNO_abingdon30+100p2	New Reservoir - SESRO 30+100mm3 - Phase 2: (TW: 41%)	New reservoir	Refined Feasible
TWU_STR_HI-RSR_RE2_CNO_abingdon80+42p2	New Reservoir - SESRO 80+42Mm3 - Phase 2: (TW: 41%)	New reservoir	Refined Feasible
TWU_STT_HI-RAB_RE1_ALL_c10-300-vyrnwy_180_b	STT Canal: Vyrnwy Reservoir river release (75 Mld) and additional 30 to make 105 of Bypas	External raw water bulk supply/transfer	Feasible
TWU_STT_HI-RAB_RE1_ALL_c7-300-vyrnwy_135_b	STT Canal: Vyrnwy Reservoir river release (75 Mld) and additional 35 to make 60 of Bypass	External raw water bulk supply/transfer	Feasible
TWU_STT_HI-RAB_RE1_ALL_c8-300-vyrnwy_155_b	STT Canal: Vyrnwy Reservoir river release (75 Mld) and additional 15 to make 75 of Bypass	External raw water bulk supply/transfer	Feasible
TWU_STT_HI-RAB_RE1_ALL_c9-300-vyrnwy_100_b	STT Canal: Vyrnwy Reservoir river release (75 Mld) and 25 Mld of Bypass (105Mld) (TW: 74	External raw water bulk supply/transfer	Feasible
TWU_STT_HI-RAB_RE1_ALL_p10-400-vyrnwy_180_b	STT 400: Vyrnwy Reservoir river release (75 Mld) and additional 30 to make 105 of Bypass	External raw water bulk supply/transfer	Feasible
TWU_STT_HI-RAB_RE1_ALL_p10-500-vyrnwy_180_b	STT 500: Vyrnwy Reservoir river release (75 Mld) and additional 30 to make 105 of Bypass	External raw water bulk supply/transfer	Preferred
TWU_STT_HI-RAB_RE1_ALL_p7-400-vyrnwy_135_b	STT 400: Vyrnwy Reservoir river release (75 Mld) and additional 35 to make 60 of Bypass (	External raw water bulk supply/transfer	Feasible
TWU_STT_HI-RAB_RE1_ALL_p7-500-vyrnwy_135_b	STT 500: Vyrnwy Reservoir river release (75 Mld) and additional 35 to make 60 of Bypass (	External raw water bulk supply/transfer	Preferred
TWU_STT_HI-RAB_RE1_ALL_p8-400-vyrnwy_155_b	STT 400: Vyrnwy Reservoir river release (75 Mld) and additional 15 to make 75 of Bypass (	External raw water bulk supply/transfer	Feasible
TWU_STT_HI-RAB_RE1_ALL_p8-500-vyrnwy_155_b	STT 500: Vyrnwy Reservoir river release (75 Mld) and additional 15 to make 75 of Bypass (	External raw water bulk supply/transfer	Preferred
TWU_STT_HI-RAB_RE1_ALL_p9-400-vyrnwy_100_b	STT 400: Vyrnwy Reservoir river release (75 Mld) and 25 Mld of Bypass (105Mld) (TW: 74%	External raw water bulk supply/transfer	Feasible
TWU_STT_HI-RAB_RE1_ALL_p9-500-vyrnwy_100_b	STT 500: Vyrnwy Reservoir river release (75 Mld) and 25 Mld of Bypass (105Mld) (TW: 74%	External raw water bulk supply/transfer	Preferred
TWU_STT_HI-REU_RE1_ALL_c11-300-min_115_p2	STT Canal: Minworth STW effluent diversion (115Mld) - phase 2 (TW: 74%)	External raw water bulk supply/transfer	Feasible
TWU_STT_HI-REU_RE1_ALL_c3-300-neth_c35	STT Canal: Canal, Unsupported & Netheridge (TW: 74%)	External raw water bulk supply/transfer	Feasible
TWU_STT_HI-REU_RE1_ALL_c7-300-minworth_115	STT Canal: Minworth STW effluent diversion (115Mld) - phase 1 (TW: 74%)	External raw water bulk supply/transfer	Feasible
TWU_STT_HI-REU_RE1_ALL_p11-400-min_115_p2	STT 400: Minworth STW effluent diversion (115Mld) - phase 2 (TW: 74%)	External raw water bulk supply/transfer	Feasible
TWU_STT_HI-REU_RE1_ALL_p11-500-min_115_p2	STT 500: Minworth STW effluent diversion (115Mld) - phase 2 (TW: 74%)	External raw water bulk supply/transfer	Preferred
TWU_STT_HI-REU_RE1_ALL_p5-400-neth_p35	STT 400: 400 Ml/d Pipe, Netheridge & Unsupported (TW: 74%)	External raw water bulk supply/transfer	Feasible
TWU_STT_HI-REU_RE1_ALL_p5-500-neth_p35	STT 500: 500Ml/d Pipe, Netheridge & Unsupported (TW: 74%)	External raw water bulk supply/transfer	Preferred
TWU_STT_HI-REU_RE1_ALL_p7-400-minworth_115	STT 400: Minworth STW effluent diversion (115Mld) - phase 1 (TW: 74%)	External raw water bulk supply/transfer	Feasible
TWU_STT_HI-REU_RE1_ALL_p7-500-minworth_115	STT 500: Minworth STW effluent diversion (115Mld) - phase 1 (TW: 74%)	External raw water bulk supply/transfer	Preferred
TWU_STT_HI-TFR_STT_ALL_stt-sesro c1	STT-SESRO Link C1	Internal raw water transfer	Feasible
TWU_STT_HI-TFR_STT_ALL_stt-sesro c2	STT-SESRO Link C2	Internal raw water transfer	Feasible
TWU_STT_HI-TFR_STT_ALL_stt-sesro p1	STT-SESRO Link P1	Internal raw water transfer	Feasible
TWU_STT_HI-TFR_STT_ALL_stt-sesro p2	STT-SESRO Link P2	Internal raw water transfer	Feasible
TWU_SWA_HI-GRW_ALL_ALL_dorney do	Groundwater Development - Dorney Existing Source DO Increase	New groundwater	Feasible
TWU_SWA_HI-GRW_ALL_ALL_taplowincreasedo	Groundwater Development - Taplow Existing Source DO Increase	New groundwater	Feasible
TWU_SWA_HI-ROC_WT1_CNO_medmenhamwtw ph1_53	New Medmenham Surface Water WTW Ph1 (53 Ml/d Intake)	Internal raw water transfer	Feasible
TWU_SWA_HI-ROC_WT1_CNO_medmenhamwtw ph1_80	New Medmenham Surface Water WTW Ph1 (80 Ml/d Intake)	Internal raw water transfer	Feasible
TWU_SWA_HI-ROC_WT2_ALL_medmenhamwtw ph2_53	New Medmenham Surface Water WTW Enhancement (53 Ml/d Intake)	Internal raw water transfer	Feasible
TWU_SWA_HI-ROC_WT2_ALL_medmenhamwtw ph2_80	New Medmenham Surface Water WTW Enhancement (80 Ml/d Intake)	Internal raw water transfer	Feasible
TWU_SWA_HI-TFR_HEN_ALL_henley-swa2.4	Henley to SWA Transfer - 2.4 Ml/d	Internal potable transfer	Feasible
TWU_SWA_HI-TFR_SWX_ALL_swoxswa72	Transfer from WTW in Abingdon to SWA - 72Ml/d	Internal potable transfer	Feasible
TWU_SWX_BG-CAT_ALL_ALL_cm_p1_cotswolds	Catchment Portfolio: Cotswolds	Catchment management	Feasible
TWU_SWX_BG-CAT_ALL_ALL_cm_p1_glo vale	Catchment Portfolio: Gloucestershire and the Vale	Catchment management	Feasible
TWU_SWX_HI-GRW_ALL_ALL_ashton keynes roc	Groundwater Development - Ashton Keynes borehole pumps - Removal of Constraints to D	New groundwater	Feasible

Option ID	Option Name	Option type	Option status
TWU_SWX_HI-ROC_WT1_ALL_radcotwtw	New WTW - Radcot	Internal potable transfer	Feasible
TWU_SWX_HI-ROC_WT2_ALL_abingdon wtw ph2	New WTW Abingdon - Additional Phase 2	Water treatment works capacity increase	Preferred
TWU_SWX_HI-ROC_WT2_ALL_abingdon wtw ph2_rep_1	New WTW Abingdon - Additional Phase 3	Water treatment works capacity increase	Feasible
TWU_SWX_HI-ROC_WT2_ALL_radcotwtwenhanced	New WTW - Radcot - Additional Phase	Internal potable transfer	Feasible
TWU_SWX_HI-TFR_HEN_ALL_henley-swox2.4	Henley to SWOX Transfer – 2.4 Ml/d	Internal potable transfer	Feasible
TWU_SWX_HI-TFR_HEN_ALL_henley-swox5	Henley to SWOX Transfer – 5 Ml/d	Internal potable transfer	Preferred
TWU_SWX_HI-TFR_KVZ_ALL_kennet-swox2.3	Kennet Valley to SWOX Transfer - 2.3 Ml/d	Internal potable transfer	Feasible
TWU_SWX_HI-TFR_KVZ_ALL_kennet-swox6.7	Kennet Valley to SWOX Transfer - 6.7 Ml/d	Internal potable transfer	Feasible
TWU_TED_HI-RAB_RE1_CNO_teddington dra 50	Teddington Direct River Abstraction (Indirect Effluent Reuse) 50 MLD - (75 Ml/d connectio	New surface water	Feasible
TWU_UTC_HI-IMP_UTC_CNO_oxcanal-cropredy	Oxford Canal - Cropredy	External raw water bulk supply/transfer	Feasible
TWU_UTC_HI-RSR_RE1_CNO_res_aylesbury 30	New Reservoir - Aylesbury 30Mm3	New reservoir	Refined Feasible
TWU_UTC_HI-RSR_RE1_CNO_res_aylesbury 50	New Reservoir - Aylesbury 50Mm3	New reservoir	Refined Feasible
TWU_UTC_HI-RSR_RE1_CNO_res_chinnor_2	New Reservoir - Chinnor 30Mm3	New reservoir	Refined Feasible
TWU_UTC_HI-RSR_RE1_CNO_res_haddenham 30	New Reservoir - Haddenham 30Mm3	New reservoir	Refined Feasible
TWU_WLJ_HI-ROC_NET_CNO_twrm shaft kempton	New shaft on the TWRM at Kempton	Trunk mains renewal/new	Feasible
TWU_WLJ_HI-TFR_WLJ_CNO_qm res-kempton wtw	Additional conveyance from Queen Mary Reservoir to Kempton WTW	Internal raw water transfer	Feasible
TWU_XXX_EF-CRE_ALL_ALL_met inno psup high	Metering Innovation (PSUP) (high)	Metering other selective	Feasible
TWU_XXX_EF-CRE_ALL_ALL_met inno psup high+	Metering Innovation (PSUP) (high plus)	Metering other selective	Feasible
TWU_XXX_EF-CRE_ALL_ALL_pmp high	Progressive Metering Programme (PMP) (high)	Metering compulsory	Feasible
TWU_XXX_EF-CRE_ALL_ALL_pmp high+	Progressive Metering Programme (PMP) (high plus)	Metering compulsory	Feasible
TWU_XXX_EF-CRE_ALL_ALL_psup high	Progressive Smart Upgrade Programme (PSUP) (high)	Metering other selective	Feasible
TWU_XXX_EF-CRE_ALL_ALL_psup high+	Progressive Smart Upgrade Programme (PSUP) (high plus)	Metering other selective	Feasible
TWU_XXX_EF-CRE_ALL_ALL_psup nhh high	Non-Household PSUP (high)	Metering other selective	Feasible
TWU_XXX_EF-CRE_ALL_ALL_psup nhh high+	Non-Household PSUP (medium)	Metering other selective	Feasible
TWU_XXX_EF-LKR_ALL_ALL_advanced dma high	Advanced DMA (high)	Active leakage management	Feasible
TWU_XXX_EF-LKR_ALL_ALL_advanced dma high+	Advanced DMA (high plus)	Active leakage management	Feasible
TWU_XXX_EF-LKR_ALL_ALL_leakage inno high	Leakage Innovation (high)	Trunk mains renewal/new	Feasible
TWU_XXX_EF-LKR_ALL_ALL_leakage inno high+	Leakage Innovation (high plus)	Trunk mains renewal/new	Feasible
TWU_XXX_EF-LKR_ALL_ALL_mains rehab high	Mains Rehab (high)	Trunk mains renewal/new	Feasible
TWU_XXX_EF-LKR_ALL_ALL_mains rehab high+	Mains Rehab (high plus)	Trunk mains renewal/new	Feasible
TWU_XXX_EF-WEF_ALL_ALL_bulks high	Bulks (high)	Supply pipe repairs / replacement	Feasible
TWU_XXX_EF-WEF_ALL_ALL_bulks high+	Bulks (high plus)	Supply pipe repairs / replacement	Feasible
TWU_XXX_EF-WEF_ALL_ALL_det hh high	Digital Engagement Tool (high)	Household water audit	Feasible
TWU_XXX_EF-WEF_ALL_ALL_det hh high+	Digital Engagement Tool (high plus)	Household water audit	Feasible
TWU_XXX_EF-WEF_ALL_ALL_gree rede hh high	Green Redeem (high)	Household water audit	Feasible
TWU_XXX_EF-WEF_ALL_ALL_gree rede hh high+	Green Redeem (high plus)	Household water audit	Feasible
TWU_XXX_EF-WEF_ALL_ALL_hi&t hh high	Household Innovation and Tariffs (high)	Household water audit	Feasible
TWU_XXX_EF-WEF_ALL_ALL_hi&t hh high+	Household Innovation and Tariffs (high plus)	Household water audit	Feasible
TWU_XXX_EF-WEF_ALL_ALL_mini bulks high	Mini Bulks (high)	Supply pipe repairs / replacement	Feasible
TWU_XXX_EF-WEF_ALL_ALL_mini bulks high+	Mini Bulks (high plus)	Supply pipe repairs / replacement	Feasible
TWU_XXX_EF-WEF_ALL_ALL_sbv nhh high	Smarter Business Visits (high)	Household water audit	Feasible
TWU_XXX_EF-WEF_ALL_ALL_sbv nhh high+	Smarter Business Visits (high plus)	Household water audit	Feasible
TWU_XXX_EF-WEF_ALL_ALL_shv opt hh high	Smarter Home Visit (Optants) (high)	Household water audit	Feasible
TWU_XXX_EF-WEF_ALL_ALL_shv opt hh high+	Smarter Home Visit (Optants) (high plus)	Household water audit	Feasible
TWU_XXX_EF-WEF_ALL_ALL_shv pmp hh high	Smarter Home Visit (PMP) (high)	Household water audit	Feasible
TWU_XXX_EF-WEF_ALL_ALL_shv pmp hh high+	Smarter Home Visit (PMP) (high plus)	Household water audit	Feasible
TWU_XXX_EF-WEF_ALL_ALL_shv psup hh high	Smarter Home Visit (PSUP) (high)	Household water audit	Feasible
TWU_XXX_EF-WEF_ALL_ALL_shv psup hh high+	Smarter Home Visit (PSUP) (high plus)	Household water audit	Feasible
TWU_XXX_EF-WEF_ALL_ALL_wastage hh high	Household Wastage Fix (high)	Household water audit	Feasible
TWU_XXX_EF-WEF_ALL_ALL_wastage hh high+	Household Wastage Fix (high plus)	Household water audit	Feasible
TWU_cm_p2_cherwell ray	Catchment Portfolio 2 (Upscaled): Cherwell and Ray	Catchment management	Refined Feasible
TWU_cm_p2_colne	Catchment Portfolio 2 (Upscaled): Colne	Catchment management	Refined Feasible
TWU_cm_p2_darent cray	Catchment Portfolio 2 (Upscaled): Darent and Cray	Catchment management	Refined Feasible
TWU_cm_p2_kennet trib	Catchment Portfolio 2 (Upscaled): Kennet and tributaries	Catchment management	Refined Feasible
TWU_cm_p2_loddon trib	Catchment Portfolio 2 (Upscaled): Loddon and tributaries	Catchment management	Refined Feasible
TWU_cm_p2_london	Catchment Portfolio 2 (Upscaled): London	Catchment management	Refined Feasible
TWU_cm_p2_maidenhead su	Catchment Portfolio 2 (Upscaled): Maidenhead and Sunbury	Catchment management	Refined Feasible
TWU_cm_p2_medway	Catchment Portfolio 2 (Upscaled): Medway	Catchment management	Refined Feasible
TWU_cm_p2_mole	Catchment Portfolio 2 (Upscaled): Mole	Catchment management	Refined Feasible
TWU_cm_p2_roding b i	Catchment Portfolio 2 (Upscaled): Roding, Beam and Ingrebourne	Catchment management	Refined Feasible
TWU_cm_p2_thames chilt	Catchment Portfolio 2 (Upscaled): Thames and South Chilterns	Catchment management	Refined Feasible
TWU_cm_p2_upper lee	Catchment Portfolio 2 (Upscaled): Upper Lee	Catchment management	Refined Feasible
TWU_cm_p2_wey trib	Catchment Portfolio 2 (Upscaled): Wey and tributaries	Catchment management	Refined Feasible
TWU_cm_p3_cherwell ray	Catchment Portfolio 3 (Augmented): Cherwell and Ray	Catchment management	Refined Feasible
TWU_cm_p3_colne	Catchment Portfolio 3 (Augmented): Colne	Catchment management	Refined Feasible
TWU_cm_p3_darent cray	Catchment Portfolio 3 (Augmented): Darent and Cray	Catchment management	Refined Feasible
TWU_cm_p3_kennet trib	Catchment Portfolio 3 (Augmented): Kennet and tributaries	Catchment management	Refined Feasible
TWU_cm_p3_loddon trib	Catchment Portfolio 3 (Augmented): Loddon and tributaries	Catchment management	Refined Feasible
TWU_cm_p3_london	Catchment Portfolio 3 (Augmented): London	Catchment management	Refined Feasible
TWU_cm_p3_maidenhead su	Catchment Portfolio 3 (Augmented): Maidenhead and Sunbury	Catchment management	Refined Feasible
TWU_cm_p3_medway	Catchment Portfolio 3 (Augmented): Medway	Catchment management	Refined Feasible
TWU_cm_p3_mole	Catchment Portfolio 3 (Augmented): Mole	Catchment management	Refined Feasible
TWU_cm_p3_roding b i	Catchment Portfolio 3 (Augmented): Roding, Beam and Ingrebourne	Catchment management	Refined Feasible
TWU_cm_p3_thames chilt	Catchment Portfolio 3 (Augmented): Thames and South Chilterns	Catchment management	Refined Feasible
TWU_cm_p3_upper lee	Catchment Portfolio 3 (Augmented): Upper Lee	Catchment management	Refined Feasible
TWU_cm_p3_wey trib	Catchment Portfolio 3 (Augmented): Wey and tributaries	Catchment management	Refined Feasible
TWU_GUI_HI-ROC_WT1_ALL_guildford treatment	Chertsey to Drungewick Manor spur to new Guildford WTW	External raw water bulk supply/transfer	Refined Feasible
TWU_GUI_HI-ROC_WT2_ALL_guildford treatment	Chertsey to Drungewick Manor spur to new Guildford WTW Additional Phase	External raw water bulk supply/transfer	Refined Feasible
TWU_GUI_RE-DRP_ALL_ALL_dp-albury	Albury	Drought permits/orders	Refined Feasible
TWU_GUI_RE-DRP_ALL_ALL_dp-shalford-guild_v2	Shalford Drought Permit (ends 2051)	Drought permits/orders	Refined Feasible
TWU_GUI_RE-DRP_ALL_ALL_dp-shalford-guild_v3	Shalford Drought Permit (ends 2046)	Drought permits/orders	Refined Feasible
TWU_GUI_RE-DRP_ALL_ALL_dp-shalford-guild_v4	Shalford Drought Permit (ends 2036)	Drought permits/orders	Refined Feasible
TWU_GUI_RE-DRP_ALL_ALL_dp-shalford-guild_v5	Shalford Drought Permit (no end)	Drought permits/orders	Refined Feasible
TWU_HEN_RE-DRP_ALL_ALL_dp-sheep/harp-hen_v2	Sheeplands/Harpsden Drought Permit (ends 2051)	Drought permits/orders	Refined Feasible
TWU_HEN_RE-DRP_ALL_ALL_dp-sheep/harp-hen_v3	Sheeplands/Harpsden Drought Permit (ends 2046)	Drought permits/orders	Refined Feasible
TWU_HEN_RE-DRP_ALL_ALL_dp-sheep/harp-hen_v4	Sheeplands/Harpsden Drought Permit (ends 2036)	Drought permits/orders	Refined Feasible
TWU_HEN_RE-DRP_ALL_ALL_dp-sheep/harp-hen_v5	Sheeplands/Harpsden Drought Permit (no end)	Drought permits/orders	Refined Feasible
TWU_KGV_HI-TFR_TED_ALL_teddrated/tlt_150	Direct River Abstraction - Teddington to Thames Lee Tunnel Shaft 150 MLD	Internal raw water transfer	Refined Feasible
TWU_KVZ_RE-DRP_ALL_ALL_dp-fobney	Fobney	Drought permits/orders	Refined Feasible
TWU_KVZ_RE-DRP_ALL_ALL_dp-fobney-emerg bhs	Fobney - emergency BH's	Drought permits/orders	Refined Feasible
TWU_KVZ_RE-DRP_ALL_ALL_dp-pangbourne	Pangbourne	Drought permits/orders	Refined Feasible
TWU_KVZ_RE-DRP_ALL_ALL_dp-playhatch-kv_v2	Playhatch Drought Permit (ends 2051)	Drought permits/orders	Refined Feasible
TWU_KVZ_RE-DRP_ALL_ALL_dp-playhatch-kv_v3	Playhatch Drought Permit (ends 2046)	Drought permits/orders	Refined Feasible
TWU_KVZ_RE-DRP_ALL_ALL_dp-playhatch-kv_v4	Playhatch Drought Permit (ends 2036)	Drought permits/orders	Refined Feasible
TWU_KVZ_RE-DRP_ALL_ALL_dp-playhatch-kv_v5	Playhatch Drought Permit (no end)	Drought permits/orders	Refined Feasible
TWU_LON_EF-TFR_REP_ALL_cheam-lon rm @ p	Cheam transfer to London Ringmain at Merton	External potable bulk supply/transfer	Refined Feasible
TWU_LON_HI-TFR_LON_CNO_second spine tunnel	Second Spine Tunnel from break tank to Reservoir 5 upstream of Coppermills WTW - Cons	Internal raw water transfer	Refined Feasible
TWU_LON_HI-TFR_LON_CNO_tlt upgrade - roc	Raw Water System Upgrade - TLT Removal of Constraints - Construction	Internal raw water transfer	Refined Feasible
TWU_LON_RE-DRP_ALL_ALL_dp-crayford-london	Drought Permit - Crayford	Drought permits/orders	Refined Feasible
TWU_LON_RE-DRP_ALL_ALL_dp-eynsford	Eynsford	Drought permits/orders	Refined Feasible
TWU_LON_RE-DRP_ALL_ALL_dp-hk asr-london	Horton Kirby ASR Drought Permit	Drought permits/orders	Refined Feasible
TWU_LON_RE-DRP_ALL_ALL_dp-incr m2 licence	Increase in M2 licence??	Drought permits/orders	Refined Feasible
TWU_LON_RE-DRP_ALL_ALL_dp-sundridge 1	Sundridge 1	Drought permits/orders	Refined Feasible
TWU_LON_RE-DRP_ALL_ALL_dp-sundridge 2	Sundridge 2	Drought permits/orders	Refined Feasible
TWU_LON_RE-DRP_ALL_ALL_dp-teddington to 0	Reduction of Teddington Flow to 0	Drought permits/orders	Refined Feasible
TWU_LON_RE-DRP_ALL_ALL_dp-teddington to 100	Reduction of Teddington Flow to 100	Drought permits/orders	Refined Feasible
TWU_LON_RE-DRP_ALL_ALL_dp-waddon	Waddon	Drought permits/orders	Refined Feasible
TWU_LON_RE-DRP_ALL_ALL_dp-wansunt-london	Drought Permit - Wansunt	Drought permits/orders	Refined Feasible

Option ID	Option Name	Option type	Option status
TWU_LON_RE-TFR_ALL_ALL_wlvl-seatanker	Waterlevel - Sea Tankering to London - With Insurance	International import	Refined Feasible
TWU_LON_RE-TFR_ALL_ALL_wlvl-seatanker-v2	Waterlevel - Sea Tankering to London - Without Insurance	International import	Refined Feasible
TWU_mendip k&a group	Mendip Reservoir & Kennet & Avon transfer	External raw water bulk supply/transfer	Refined Feasible
TWU_SES_HI-TFR_LON_ALL_r9	Transfer from Merton (TW) to SES Boundary at 30Ml/d Reverse	External potable bulk supply/transfer	Refined Feasible
TWU_STT_HI-RAB_RE1_ALL_c2-300-mythe_15	STT Canal: Mythe abstraction reduction (15Mld) (TW: 74%)	External raw water bulk supply/transfer	Refined Feasible
TWU_STT_HI-RAB_RE1_ALL_c4-300-vyrnwy_50	STT Canal: Vyrnwy Reservoir river release (50Mld) (TW: 74%)	External raw water bulk supply/transfer	Refined Feasible
TWU_STT_HI-RAB_RE1_ALL_c5-300-vyrnwy_75	STT Canal: Additional 25Mld for a total Vyrnwy Reservoir river release (75Mld) (TW: 74%)	External raw water bulk supply/transfer	Refined Feasible
TWU_STT_HI-RAB_RE1_ALL_c6-300-shrewsbury_25	STT Canal: River Vyrnwy Mitigation – Shrewsbury Redeployment (25Mld) (TW: 74%)	External raw water bulk supply/transfer	Refined Feasible
TWU_STT_HI-RAB_RE1_ALL_p2-300-mythe_15	STT 300: Mythe abstraction reduction (15Mld) (TW: 74%)	External raw water bulk supply/transfer	Refined Feasible
TWU_STT_HI-RAB_RE1_ALL_p2-400-mythe_15	STT 400: Mythe abstraction reduction (15Mld) (TW: 74%)	External raw water bulk supply/transfer	Refined Feasible
TWU_STT_HI-RAB_RE1_ALL_p2-500-mythe_15	STT 500: Mythe abstraction reduction (15Mld) (TW: 74%)	External raw water bulk supply/transfer	Refined Feasible
TWU_STT_HI-RAB_RE1_ALL_p3-300-vyrnwy_50	STT 300: Vyrnwy Reservoir river release (50Mld) (TW: 74%)	External raw water bulk supply/transfer	Refined Feasible
TWU_STT_HI-RAB_RE1_ALL_p3-400-vyrnwy_50	STT 400: Vyrnwy Reservoir river release (50Mld) (TW: 74%)	External raw water bulk supply/transfer	Refined Feasible
TWU_STT_HI-RAB_RE1_ALL_p3-500-vyrnwy_50	STT 500: Vyrnwy Reservoir river release (50Mld) (TW: 74%)	External raw water bulk supply/transfer	Refined Feasible
TWU_STT_HI-RAB_RE1_ALL_p4-300-vyrnwy_75	STT 300: Additional 25Mld for a total Vyrnwy Reservoir river release (75Mld) (TW: 74%)	External raw water bulk supply/transfer	Refined Feasible
TWU_STT_HI-RAB_RE1_ALL_p4-400-vyrnwy_75	STT 400: Additional 25Mld for a total Vyrnwy Reservoir river release (75Mld) (TW: 74%)	External raw water bulk supply/transfer	Refined Feasible
TWU_STT_HI-RAB_RE1_ALL_p4-500-vyrnwy_75	STT 500: Additional 25Mld for a total Vyrnwy Reservoir river release (75Mld) (TW: 74%)	External raw water bulk supply/transfer	Refined Feasible
TWU_STT_HI-RAB_RE1_ALL_p6-300-shrewsbury_25	STT 300: River Vyrnwy Mitigation – Shrewsbury Redeployment (25Mld) (TW: 74%)	External raw water bulk supply/transfer	Refined Feasible
TWU_STT_HI-RAB_RE1_ALL_p6-400-shrewsbury_25	STT 400: River Vyrnwy Mitigation – Shrewsbury Redeployment (25Mld) (TW: 74%)	External raw water bulk supply/transfer	Refined Feasible
TWU_STT_HI-RAB_RE1_ALL_p6-500-shrewsbury_25	STT 500: River Vyrnwy Mitigation – Shrewsbury Redeployment (25Mld) (TW: 74%)	External raw water bulk supply/transfer	Refined Feasible
TWU_SWA_RE-DRP_ALL_ALL_dp-pann mill	Pann Mill Drought Permit	Drought permits/orders	Refined Feasible
TWU_SWX_BG-CAT_ALL_ALL_cm_p2_cotswolds	Catchment Portfolio 2 (Upscaled): Cotswolds	Catchment management	Refined Feasible
TWU_SWX_BG-CAT_ALL_ALL_cm_p2_glo vale	Catchment Portfolio 2 (Upscaled): Gloucestershire and the Vale	Catchment management	Refined Feasible
TWU_SWX_BG-CAT_ALL_ALL_cm_p3_cotswolds	Catchment Portfolio 3 (Augmented): Cotswolds	Catchment management	Refined Feasible
TWU_SWX_BG-CAT_ALL_ALL_cm_p3_glo vale	Catchment Portfolio 3 (Augmented): Gloucestershire and the Vale	Catchment management	Refined Feasible
TWU_SWX_RE-DRP_ALL_ALL_dp-axford 1	Axford 1	Drought permits/orders	Refined Feasible
TWU_SWX_RE-DRP_ALL_ALL_dp-axford 2	Axford 2	Drought permits/orders	Refined Feasible
TWU_SWX_RE-DRP_ALL_ALL_dp-baunton 1	Baunton 1	Drought permits/orders	Refined Feasible
TWU_SWX_RE-DRP_ALL_ALL_dp-baunton 2	Baunton 2	Drought permits/orders	Refined Feasible
TWU_SWX_RE-DRP_ALL_ALL_dp-bilbury	Bilbury	Drought permits/orders	Refined Feasible
TWU_SWX_RE-DRP_ALL_ALL_dp-childrey warren	Childrey Warren	Drought permits/orders	Refined Feasible
TWU_SWX_RE-DRP_ALL_ALL_dp-gatehampton_v2	Gatehampton Drought Permit (ends 2051)	Drought permits/orders	Refined Feasible
TWU_SWX_RE-DRP_ALL_ALL_dp-gatehampton_v3	Gatehampton Drought Permit (ends 2046)	Drought permits/orders	Refined Feasible
TWU_SWX_RE-DRP_ALL_ALL_dp-gatehampton_v4	Gatehampton Drought Permit (ends 2036)	Drought permits/orders	Refined Feasible
TWU_SWX_RE-DRP_ALL_ALL_dp-gatehampton_v5	Gatehampton Drought Permit (no end)	Drought permits/orders	Refined Feasible
TWU_SWX_RE-DRP_ALL_ALL_dp-latton	Latton	Drought permits/orders	Refined Feasible
TWU_SWX_RE-DRP_ALL_ALL_dp-meysey hampton	Meysey Hampton	Drought permits/orders	Refined Feasible
TWU_SWX_RE-DRP_ALL_ALL_dp-ogbourne	Ogbourne	Drought permits/orders	Refined Feasible
TWU_SWX_RE-DRP_ALL_ALL_dp-ogbourne emer bhs	Ogbourne Emergency Boreholes Drought Permit	Drought permits/orders	Refined Feasible
TWU_SWX_RE-DRP_ALL_ALL_dp-oxford canal-swox	Oxford Canal Drought Permit	Drought permits/orders	Refined Feasible
TWU_SWX_RE-DRP_ALL_ALL_dp-thames @ farmoor	River Thames @ Farmoor	Drought permits/orders	Refined Feasible
TWU_TED_HI-RAB_RE1_CNO_teddington dra 50_150	Teddington Direct River Abstraction (Indirect Effluent Reuse) 50 MLD - (150 Ml/d connecti	New surface water	Refined Feasible
TWU_TED_HI-RAB_RE1_CNO_teddington dra 75_150	Teddington Direct River Abstraction (Indirect Effluent Reuse) 75 MLD - (150 Ml/d connecti	New surface water	Refined Feasible
TWU_TED_HI-RAB_RE2_ALL_teddington dra 50 p2	Teddington DRA 50 MLD Phase 2	New surface water	Refined Feasible
TWU_TED_HI-RAB_RE2_ALL_teddington dra 75 p2	Teddington DRA 75 MLD Phase 2	New surface water	Refined Feasible
TWU_WLJ_HI-REU_RE1_ALL_reuse mogden s sewer	Reuse Mogden South Sewer	Water reuse	Refined Feasible
TWU_woodmanst-epsom do p	Woodmansterne WTW to Epsom Downs	External potable bulk supply/transfer	Refined Feasible

Appendix B – Rejection Register

Option ID	Option Name	Option type	Option status
SES_r11_group	Transfer from Merton (TW) to SES Boundary at 5Ml/d	External potable bulk supply/transfer	Unconstrained
SES_SES_HI-GRW_ALL_ALL_n6	Middle Mole groundwater abstraction at Leatherhead - additional	New groundwater	Unconstrained
SES_SES_HI-GRW_ALL_ALL_r5	Mole Valley Chalk groundwater abstraction at Leatherhead - additional	New groundwater	Unconstrained
SES_SES_HI-GRW_ALL_ALL_r6	Chalk Pit Lane borehole - connection to network	New groundwater	Unconstrained
SES_SES_HI-GRW_RE1_ALL_n7	Mole Valley Chalk groundwater abstraction at Leatherhead - extension	New groundwater	Unconstrained
SES_SES_HI-GRW_RE2_ALL_n9	Groundwater - removal of deployable output constraints	New groundwater	Unconstrained
SES_SES_HI-IMP_LON_ALL_r16	Transfer from Shalford WTW (TW) to Effingham WSZ at 10Ml/d	External potable bulk supply/transfer	Unconstrained
SES_SES_HI-LRE_ALL_ALL_n8	Pains Hill, Duckpit Wood and Chalk Pit Lane boreholes - connection to network	Water treatment works loss recovery	Unconstrained
SES_SES_HI-LRE_WT2_ALL_r25	Pains Hill borehole - additional treatment	Water treatment works loss recovery	Unconstrained
SES_SES_HI-OTH_ALL_ALL_n4	Leatherhead, Young St and Elmer boreholes - licence increase	Licence trading	Unconstrained
SES_SES_HI-OTH_RE1_ALL_n1	Mole Valley catchment - licence trading	Licence trading	Unconstrained
SES_SES_HI-OTH_RE1_ALL_n2	Wandle catchment - licence trading	Licence trading	Unconstrained
SES_SES_HI-OTH_RE1_ALL_n3	Eden catchment - licence trading	Licence trading	Unconstrained
SES_SES_HI-REU_RE1_ALL_r18	Mole Valley & Medway catchments - effluent reuse	Water reuse	Unconstrained
SES_SES_HI-REU_RE1_ALL_r19	Mole Valley catchment - floodwater storage (other)	Water reuse	Unconstrained
SES_SES_HI-REU_RE1_ALL_r20	Mole Valley catchment - floodwater storage (sand pits)	Water reuse	Unconstrained
SES_SES_HI-ROC_NET_ALL_cheam t-outwoo p 100	Transfer from Cheam WTW to Outwood SR via Woodmansterne WTW at 100Ml/d	Trunk mains renewal/new	Unconstrained
SES_SES_HI-ROC_NET_ALL_cheam t-outwoo p 25	Transfer from Cheam WTW to Outwood SR via Woodmansterne WTW at 25Ml/d	Trunk mains renewal/new	Unconstrained
SES_SES_HI-ROC_WT2_ALL_p1c	Bough Beech WTW - increase in capacity to 70Ml/d	Water treatment works capacity increase	Unconstrained
SES_SES_HI-TFR_LON_ALL_lon rm -cheam p 100	Transfer from London Ring Main (TW) to Cheam WTW at 100 Ml/d	External potable bulk supply/transfer	Unconstrained
SES_SES_HI-TFR_LON_ALL_lon rm -cheam p 200	Transfer from Merton PS (TW) to Cheam WTW at 200ML/d	External potable bulk supply/transfer	Unconstrained
SES_SNZ_HI-TFR_SES_ALL_outwood-turner p 200	Outwood To Turners Hill: 200Ml/d (Reverse)	External potable bulk supply/transfer	Unconstrained
AFW_AZ1_EF-LKR_ALL_ALL_dmp az1 medium	Demand Basket Medium Misbourne	Other water efficiency	Unconstrained
AFW_AZ1_HI-GRW_ALL_ALL_amer	AFW_AZ1_HI-GRW_ALL_ALL_amer	New groundwater	Unconstrained
AFW_AZ1_HI-GRW_ALL_ALL_buls	AFW_AZ1_HI-GRW_ALL_ALL_buls	New groundwater	Unconstrained
AFW_AZ1_HI-GRW_ALL_ALL_chart	AFW_AZ1_HI-GRW_ALL_ALL_chart	New groundwater	Unconstrained
AFW_AZ1_HI-GRW_ALL_ALL_chesh	AFW_AZ1_HI-GRW_ALL_ALL_chesh	New groundwater	Unconstrained
AFW_AZ1_HI-GRW_ALL_ALL_crtc	AFW_AZ1_HI-GRW_ALL_ALL_crtc	New groundwater	Unconstrained
AFW_AZ1_HI-GRW_ALL_ALL_gerr	AFW_AZ1_HI-GRW_ALL_ALL_gerr	New groundwater	Unconstrained
AFW_AZ1_HI-GRW_ALL_ALL_glor	AFW_AZ1_HI-GRW_ALL_ALL_glor	New groundwater	Unconstrained
AFW_AZ1_HI-GRW_ALL_ALL_grea	AFW_AZ1_HI-GRW_ALL_ALL_grea	New groundwater	Unconstrained
AFW_AZ1_HI-GRW_ALL_ALL_hugh1	AFW_AZ1_HI-GRW_ALL_ALL_hugh1	New groundwater	Unconstrained
AFW_AZ1_HI-GRW_ALL_ALL_hugh2	AFW_AZ1_HI-GRW_ALL_ALL_hugh2	New groundwater	Unconstrained
AFW_AZ1_HI-GRW_ALL_ALL_hunt	AFW_AZ1_HI-GRW_ALL_ALL_hunt	New groundwater	Unconstrained
AFW_AZ1_HI-GRW_ALL_ALL_litt1	AFW_AZ1_HI-GRW_ALL_ALL_litt1	New groundwater	Unconstrained
AFW_AZ1_HI-GRW_ALL_ALL_litt2	AFW_AZ1_HI-GRW_ALL_ALL_litt2	New groundwater	Unconstrained
AFW_AZ1_HI-GRW_ALL_ALL_litt3	AFW_AZ1_HI-GRW_ALL_ALL_litt3	New groundwater	Unconstrained
AFW_AZ1_HI-GRW_ALL_ALL_stoc	AFW_AZ1_HI-GRW_ALL_ALL_stoc	New groundwater	Unconstrained
AFW_AZ1_HI-GRW_ALL_ALL_theg	AFW_AZ1_HI-GRW_ALL_ALL_theg	New groundwater	Unconstrained
AFW_AZ1_HI-IMP_AZ1_ALL_pitstone	Pitstone (North of Tring)	External raw water bulk supply/transfer	Unconstrained
AFW_AZ1_HI-IMP_SVE_ALL_guchemelintake	Grand Union Canal - Hemel Hempstead	External raw water bulk supply/transfer	Unconstrained
AFW_AZ1_HI-IMP_SVE_ALL_guchemelintakesro	Grand Union Canal (GUC-Berkhamstead/Hemel Hempstead) (100Ml/d)	External raw water bulk supply/transfer	Unconstrained
AFW_AZ1_HI-LRE_WT1_ALL_bovingdontw	Bovingdon reconditioning treatment	Water treatment works loss recovery	Unconstrained
AFW_AZ1_HI-REU_ALL_ALL_maplelodgestwtormisb	Maple Lodge STW to River Misbourne	Water reuse	Unconstrained
AFW_AZ1_HI-REU_ALL_ALL_rivermisbourneaugmen	River Misbourne Augmentation	Water reuse	Unconstrained
AFW_AZ1_HI-ROC_ALL_ALL_harefieldnewtreat025	Harefield New Treatment Works (25 Ml)	Water treatment works capacity increase	Unconstrained
AFW_AZ1_HI-ROC_ALL_ALL_harefieldnewtreat050	Harefield New Treatment Works (50 Ml)	Water treatment works capacity increase	Unconstrained
AFW_AZ1_HI-ROC_ALL_ALL_harefieldnewtreat075	Harefield New Treatment Works (75 Ml)	Water treatment works capacity increase	Unconstrained
AFW_AZ1_HI-ROC_ALL_ALL_harefieldnewtreat100	Harefield New Treatment Works (100 Ml)	Water treatment works capacity increase	Unconstrained
AFW_AZ1_HI-ROC_ALL_ALL_harefieldwtw	Harefield new treatment works	Water treatment works capacity increase	Unconstrained
AFW_AZ1_HI-RSR_ALL_ALL_berrybushesreservoir	Berrybushes Reservoir	New reservoir	Unconstrained
AFW_AZ1_HI-RSR_ALL_ALL_heronsgatestorage	Heronsgate storage	New reservoir	Unconstrained
AFW_AZ1_HI-RSR_ALL_ALL_mopendreservoir	Mop End Reservoir	New reservoir	Unconstrained
AFW_AZ1_HI-RSR_ALL_ALL_mountpleasantreserv	Mount Pleasant Reservoir	New reservoir	Unconstrained
AFW_AZ1_HI-RSR_ALL_ALL_woodcockhillreserv	Woodcock Hill Reservoir	New reservoir	Unconstrained
AFW_AZ1_HI-TFR_AZ1_ALL_bellingdondrt	Bellingdon (Drought Transfer)	Internal raw water transfer	Unconstrained
AFW_AZ1_HI-TFR_AZ1_ALL_gtmissendendrt	Gt Missenden (Drought Transfer)	Internal raw water transfer	Unconstrained
AFW_AZ1_HI-TFR_AZ1_ALL_hazelmeredrt	Hazelmere (Drought Transfer)	Internal raw water transfer	Unconstrained
AFW_AZ1_HI-TFR_AZ1_ALL_importgerradscross	SWA TWUL import Gerrards Cross	Internal potable transfer	Unconstrained
AFW_AZ1_HI-TFR_AZ2_ALL_claylanetobatchworth	Clay Lane to Batchworth	Internal potable transfer	Unconstrained
AFW_AZ1_HI-TFR_AZ3_ALL_bullsgbox100	Bulls Green to Boxted 100MLD	Internal potable transfer	Unconstrained
AFW_AZ1_HI-TFR_AZ3_ALL_bullsgbox50	Bulls Green to Boxted 50MLD	Internal potable transfer	Unconstrained
AFW_AZ1_HI-TFR_AZ4_ALL_batchworthtoboxteda	Batchworth to Boxted (Strat A)	Internal raw water transfer	Unconstrained
AFW_AZ1_HI-TFR_AZ4_ALL_didcotrwesharedrt	Didcot RWE ' water sharing' (Drought Transfer)	Internal raw water transfer	Unconstrained
AFW_AZ1_HI-TFR_AZ4_ALL_ivertobatchworthab	Iver to Batchworth (Strat A&B)	Internal potable transfer	Unconstrained
AFW_AZ1_HI-TFR_AZ4_ALL_sunnymeadestohare025	Sunnymeades to Harefield Transfer (25 Ml)	Internal raw water transfer	Unconstrained
AFW_AZ1_HI-TFR_AZ4_ALL_sunnymeadestohare050	Sunnymeades to Harefield Transfer (50 Ml)	Internal raw water transfer	Unconstrained
AFW_AZ1_HI-TFR_AZ4_ALL_sunnymeadestohare075	Sunnymeades to Harefield Transfer (75 Ml)	Internal raw water transfer	Unconstrained
AFW_AZ1_HI-TFR_AZ4_ALL_sunnymeadestohare100	Sunnymeades to Harefield Transfer (100 Ml)	Internal raw water transfer	Unconstrained
AFW_AZ1_RE-DRP_ALL_ALL_hughendencatchdrp	Hughenden Catchment Drought Permit	Drought permits/orders	Unconstrained
AFW_AZ2_BG-CAT_ALL_ALL_uppercolnecatchmgmnt	Upper Colne Catchment Management Scheme	Catchment management	Unconstrained
AFW_AZ2_EF-LKR_ALL_ALL_dmp az2 medium	Demand Basket Medium Colne	Other water efficiency	Unconstrained
AFW_AZ2_EF-OTR_ALL_ALL_lafargegravelpitsv1	Lafarge Gravel Pits (Version 1)	Outage reduction	Unconstrained
AFW_AZ2_EF-OTR_ALL_ALL_lafargegravelpitsv2	Lafarge Gravel Pits (Version 2)	Outage reduction	Unconstrained
AFW_AZ2_HI-GRW_ALL_ALL_bowb	AFW_AZ2_HI-GRW_ALL_ALL_bowb	New groundwater	Unconstrained
AFW_AZ2_HI-GRW_ALL_ALL_east	AFW_AZ2_HI-GRW_ALL_ALL_east	New groundwater	Unconstrained
AFW_AZ2_HI-GRW_ALL_ALL_hilf1	AFW_AZ2_HI-GRW_ALL_ALL_hilf1	New groundwater	Unconstrained
AFW_AZ2_HI-GRW_ALL_ALL_hilf2	AFW_AZ2_HI-GRW_ALL_ALL_hilf2	New groundwater	Unconstrained
AFW_AZ2_HI-GRW_ALL_ALL_hilf3	AFW_AZ2_HI-GRW_ALL_ALL_hilf3	New groundwater	Unconstrained
AFW_AZ2_HI-GRW_ALL_ALL_hilf4	AFW_AZ2_HI-GRW_ALL_ALL_hilf4	New groundwater	Unconstrained
AFW_AZ2_HI-GRW_ALL_ALL_hilf5	AFW_AZ2_HI-GRW_ALL_ALL_hilf5	New groundwater	Unconstrained
AFW_AZ2_HI-GRW_ALL_ALL_hsbc	AFW_AZ2_HI-GRW_ALL_ALL_hsbc	New groundwater	Unconstrained
AFW_AZ2_HI-GRW_ALL_ALL_moun	AFW_AZ2_HI-GRW_ALL_ALL_moun	New groundwater	Unconstrained
AFW_AZ2_HI-GRW_ALL_ALL_nort	AFW_AZ2_HI-GRW_ALL_ALL_nort	New groundwater	Unconstrained
AFW_AZ2_HI-GRW_ALL_ALL_poor1	AFW_AZ2_HI-GRW_ALL_ALL_poor1	New groundwater	Unconstrained
AFW_AZ2_HI-GRW_ALL_ALL_poor2	AFW_AZ2_HI-GRW_ALL_ALL_poor2	New groundwater	Unconstrained
AFW_AZ2_HI-GRW_ALL_ALL_poor3	AFW_AZ2_HI-GRW_ALL_ALL_poor3	Aquifer recharge/Aquifer storage recovery	Unconstrained
AFW_AZ2_HI-GRW_ALL_ALL_radl	AFW_AZ2_HI-GRW_ALL_ALL_radl	New groundwater	Unconstrained
AFW_AZ2_HI-GRW_ALL_ALL_redb	AFW_AZ2_HI-GRW_ALL_ALL_redb	New groundwater	Unconstrained
AFW_AZ2_HI-GRW_ALL_ALL_ruis	AFW_AZ2_HI-GRW_ALL_ALL_ruis	New groundwater	Unconstrained
AFW_AZ2_HI-GRW_ALL_ALL_shak	AFW_AZ2_HI-GRW_ALL_ALL_shak	New groundwater	Unconstrained
AFW_AZ2_HI-GRW_ALL_ALL_stalb	AFW_AZ2_HI-GRW_ALL_ALL_stalb	New groundwater	Unconstrained
AFW_AZ2_HI-GRW_ALL_ALL_sto	AFW_AZ2_HI-GRW_ALL_ALL_sto	New groundwater	Unconstrained
AFW_AZ2_HI-GRW_ALL_ALL_theg	AFW_AZ2_HI-GRW_ALL_ALL_theg	New groundwater	Unconstrained
AFW_AZ2_HI-GRW_ALL_ALL_watf	AFW_AZ2_HI-GRW_ALL_ALL_watf	New groundwater	Unconstrained
AFW_AZ2_HI-GRW_ALL_ALL_whea	AFW_AZ2_HI-GRW_ALL_ALL_whea	New groundwater	Unconstrained
AFW_AZ2_HI-GRW_ALL_ALL_whip	AFW_AZ2_HI-GRW_ALL_ALL_whip	New groundwater	Unconstrained
AFW_AZ2_HI-IMP_AZ2_ALL_guccrt2	Grand Union canal (2Ml/d)	External raw water bulk supply/transfer	Unconstrained
AFW_AZ2_HI-IMP_AZ2_ALL_hilfieldphase2opta1b	Hilfield Park Phase 2 option A1(b)	External raw water bulk supply/transfer	Unconstrained
AFW_AZ2_HI-OTH_ALL_ALL_kensworthquarry	Kensworth Quarry licence transfer	Licence trading	Unconstrained
AFW_AZ2_HI-REU_ALL_ALL_hatfieldscavengerecp	Hatfield (Scavenging Yield Recouped).	Water reuse	Unconstrained
AFW_AZ2_HI-REU_ALL_ALL_hilfield1newwintersw	New option Hilfield Reservoir 1 - Winter harvesting of surface waters	Water reuse	Unconstrained
AFW_AZ2_HI-REU_ALL_ALL_hilfieldaugpeak	Hilfield Park Augmentation - Peak Only	Water reuse	Unconstrained
AFW_AZ2_HI-REU_ALL_ALL_hilfieldparkaugment	Hilfield Park - Augmentation Scheme	Water reuse	Unconstrained
AFW_AZ2_HI-ROC_ALL_ALL_claylane200treatmupg	Clay Lane 200 Treatment Upgrade	Water treatment works capacity increase	Unconstrained
AFW_AZ2_HI-ROC_ALL_ALL_hilfieldparkwincolne	Hilfield Park - winter storage from Colne	Water treatment works capacity increase	Unconstrained
AFW_AZ2_HI-ROC_ALL_ALL_hilfieldphase2opta1a	Hilfield Park Phase 2 option A1(a) with Clay Lane at 200Mld	Water treatment works capacity increase	Unconstrained

Option ID	Option Name	Option type	Option status
AFW_AZ2_HI-ROC_ALL_ALL_hilfieldphase2optb1	Hilfield Park Phase 2 option B1	Water treatment works capacity increase	Unconstrained
AFW_AZ2_HI-RSR_ALL_ALL_colnereservoir	Colne new reservoir	New reservoir	Unconstrained
AFW_AZ2_HI-RSR_ALL_ALL_ridgehillreservoir	Ridgehill Reservoir	New reservoir	Unconstrained
AFW_AZ2_HI-RSR_ALL_ALL_waterendreservoir	Waterend Reservoir	New reservoir	Unconstrained
AFW_AZ2_HI-TFR_AZ1_ALL_huntonbtofriarsboost	Hunton Bridge to Friars Wash Boosters	Internal raw water transfer	Unconstrained
AFW_AZ2_HI-TFR_AZ1_ALL_huntonbtofriarsmains	Hunton Bridge to Friars Wash Mains Upg	Internal raw water transfer	Unconstrained
AFW_AZ2_HI-TFR_AZ2_ALL_claylanewtwrawtwdrt	Clay Lane Raw Water Treatment of TWUL raw water (Drought Transfer)	Internal raw water transfer	Unconstrained
AFW_AZ2_HI-TFR_AZ3_ALL_nmimmswtwrawtwdrt	North Mymms water treatment of TWUL raw water (Drought Transfer)	Internal raw water transfer	Unconstrained
AFW_AZ2_HI-TFR_AZ4_ALL_batchworthtohilfield	Batchworth to Hilfield Park Bushey Heath (Strat B)	Internal raw water transfer	Unconstrained
AFW_AZ2_HI-TFR_AZ4_ALL_harefieldclayl40	Harefield to Clay Lane 40MLD	Internal potable transfer	Unconstrained
AFW_AZ2_HI-TFR_AZ4_ALL_hillfieldparkbusheya	Hilfield Park Bushey Heath to Arkley (Strat A)	Internal potable transfer	Unconstrained
AFW_AZ2_HI-TFR_AZ4_ALL_hillfieldparkbusheyb	Hilfield Park Bushey Heath to Arkley (Strat B)	Internal potable transfer	Unconstrained
AFW_AZ2_HI-TFR_AZ4_ALL_sunnymeadtohilfield	Sunnymead to Hilfield Park (Raw Water Transfer)	Internal raw water transfer	Unconstrained
AFW_AZ2_RE-DRP_ALL_ALL_bowbridgevercatchdrp	Bowbridge Ver Catchment Drought Permit	Drought permits/orders	Unconstrained
AFW_AZ2_RE-DRP_ALL_ALL_friarswashvercatcdrp	Friars Wash Ver Catchment Drought Permit	Drought permits/orders	Unconstrained
AFW_AZ2_RE-DRP_ALL_ALL_huntonbridgegadedrp	Hunton Bridge Gade Catchment Drought Permit	Drought permits/orders	Unconstrained
AFW_AZ3_BG-CAT_ALL_ALL_northmymmscatchmgmnt	North Mymms catchment management	Catchment management	Unconstrained
AFW_AZ3_BG-CAT_ALL_ALL_riverleeaugmentation	River Lee Augmentation Scheme	Catchment management	Unconstrained
AFW_AZ3_EF-LKR_ALL_ALL_dmp az3 medium	Demand Basket Medium Lee	Other water efficiency	Unconstrained
AFW_AZ3_EF-TFR_REP_ALL_a2atsro100	Anglian to Affinity SRO bulk import 100MLD	External potable bulk supply/transfer	Unconstrained
AFW_AZ3_EF-TFR_REP_ALL_a2atsro50	Anglian to Affinity SRO bulk import 50MLD	External potable bulk supply/transfer	Unconstrained
AFW_AZ3_EF-TFR_REP_ALL_grafhammaxsundondrt	Grafham max pre sundon (Drought Transfer)	External potable bulk supply/transfer	Unconstrained
AFW_AZ3_EF-TFR_REP_ALL_lowerfielddrt	Lowerfield (Drought Transfer)	External potable bulk supply/transfer	Unconstrained
AFW_AZ3_HI-GRW_ALL_ALL_albe	AFW_AZ3_HI-GRW_ALL_ALL_albe	New groundwater	Unconstrained
AFW_AZ3_HI-GRW_ALL_ALL_asto	AFW_AZ3_HI-GRW_ALL_ALL_asto	New groundwater	Unconstrained
AFW_AZ3_HI-GRW_ALL_ALL_chau	AFW_AZ3_HI-GRW_ALL_ALL_chau	Aquifer recharge/Aquifer storage recovery	Unconstrained
AFW_AZ3_HI-GRW_ALL_ALL_chip	AFW_AZ3_HI-GRW_ALL_ALL_chip	New groundwater	Unconstrained
AFW_AZ3_HI-GRW_ALL_ALL_codi	AFW_AZ3_HI-GRW_ALL_ALL_codi	New groundwater	Unconstrained
AFW_AZ3_HI-GRW_ALL_ALL_cresc	AFW_AZ3_HI-GRW_ALL_ALL_cresc	New groundwater	Unconstrained
AFW_AZ3_HI-GRW_ALL_ALL_eagl	AFW_AZ3_HI-GRW_ALL_ALL_eagl	New groundwater	Unconstrained
AFW_AZ3_HI-GRW_ALL_ALL_hart1	AFW_AZ3_HI-GRW_ALL_ALL_hart1	New groundwater	Unconstrained
AFW_AZ3_HI-GRW_ALL_ALL_hart2	AFW_AZ3_HI-GRW_ALL_ALL_hart2	New groundwater	Unconstrained
AFW_AZ3_HI-GRW_ALL_ALL_hatf	AFW_AZ3_HI-GRW_ALL_ALL_hatf	New groundwater	Unconstrained
AFW_AZ3_HI-GRW_ALL_ALL_king	AFW_AZ3_HI-GRW_ALL_ALL_king	New groundwater	Unconstrained
AFW_AZ3_HI-GRW_ALL_ALL_lond1	AFW_AZ3_HI-GRW_ALL_ALL_lond1	New groundwater	Unconstrained
AFW_AZ3_HI-GRW_ALL_ALL_lond2a	AFW_AZ3_HI-GRW_ALL_ALL_lond2a	New groundwater	Unconstrained
AFW_AZ3_HI-GRW_ALL_ALL_lond2b	AFW_AZ3_HI-GRW_ALL_ALL_lond2b	New groundwater	Unconstrained
AFW_AZ3_HI-GRW_ALL_ALL_luto1	AFW_AZ3_HI-GRW_ALL_ALL_luto1	Aquifer recharge/Aquifer storage recovery	Unconstrained
AFW_AZ3_HI-GRW_ALL_ALL_luto2	AFW_AZ3_HI-GRW_ALL_ALL_luto2	New groundwater	Unconstrained
AFW_AZ3_HI-GRW_ALL_ALL_mole	AFW_AZ3_HI-GRW_ALL_ALL_mole	New groundwater	Unconstrained
AFW_AZ3_HI-GRW_ALL_ALL_musl	AFW_AZ3_HI-GRW_ALL_ALL_musl	New groundwater	Unconstrained
AFW_AZ3_HI-GRW_ALL_ALL_newl	AFW_AZ3_HI-GRW_ALL_ALL_newl	New groundwater	Unconstrained
AFW_AZ3_HI-GRW_ALL_ALL_noma	AFW_AZ3_HI-GRW_ALL_ALL_noma	New groundwater	Unconstrained
AFW_AZ3_HI-GRW_ALL_ALL_nort	AFW_AZ3_HI-GRW_ALL_ALL_nort	New groundwater	Unconstrained
AFW_AZ3_HI-GRW_ALL_ALL_offl	AFW_AZ3_HI-GRW_ALL_ALL_offl	New groundwater	Unconstrained
AFW_AZ3_HI-GRW_ALL_ALL_ough1	AFW_AZ3_HI-GRW_ALL_ALL_ough1	New groundwater	Unconstrained
AFW_AZ3_HI-GRW_ALL_ALL_ough2	AFW_AZ3_HI-GRW_ALL_ALL_ough2	New groundwater	Unconstrained
AFW_AZ3_HI-GRW_ALL_ALL_peri1	AFW_AZ3_HI-GRW_ALL_ALL_peri1	New groundwater	Unconstrained
AFW_AZ3_HI-GRW_ALL_ALL_peri2	AFW_AZ3_HI-GRW_ALL_ALL_peri2	New groundwater	Unconstrained
AFW_AZ3_HI-GRW_ALL_ALL_runl1	AFW_AZ3_HI-GRW_ALL_ALL_runl1	New groundwater	Unconstrained
AFW_AZ3_HI-GRW_ALL_ALL_runl2	AFW_AZ3_HI-GRW_ALL_ALL_runl2	New groundwater	Unconstrained
AFW_AZ3_HI-GRW_ALL_ALL_runl3	AFW_AZ3_HI-GRW_ALL_ALL_runl3	New groundwater	Unconstrained
AFW_AZ3_HI-GRW_ALL_ALL_saco	AFW_AZ3_HI-GRW_ALL_ALL_saco	New groundwater	Unconstrained
AFW_AZ3_HI-GRW_ALL_ALL_scho1	AFW_AZ3_HI-GRW_ALL_ALL_scho1	New groundwater	Unconstrained
AFW_AZ3_HI-GRW_ALL_ALL_scho2	AFW_AZ3_HI-GRW_ALL_ALL_scho2	New groundwater	Unconstrained
AFW_AZ3_HI-GRW_ALL_ALL_scho3	AFW_AZ3_HI-GRW_ALL_ALL_scho3	New groundwater	Unconstrained
AFW_AZ3_HI-GRW_ALL_ALL_slip	AFW_AZ3_HI-GRW_ALL_ALL_slip	New groundwater	Unconstrained
AFW_AZ3_HI-GRW_ALL_ALL_temp	AFW_AZ3_HI-GRW_ALL_ALL_temp	New groundwater	Unconstrained
AFW_AZ3_HI-GRW_ALL_ALL_vaux	AFW_AZ3_HI-GRW_ALL_ALL_vaux	New groundwater	Unconstrained
AFW_AZ3_HI-GRW_ALL_ALL_wade	AFW_AZ3_HI-GRW_ALL_ALL_wade	New groundwater	Unconstrained
AFW_AZ3_HI-GRW_ALL_ALL_wate	AFW_AZ3_HI-GRW_ALL_ALL_wate	New groundwater	Unconstrained
AFW_AZ3_HI-GRW_ALL_ALL_well	AFW_AZ3_HI-GRW_ALL_ALL_well	New groundwater	Unconstrained
AFW_AZ3_HI-GRW_ALL_ALL_whip	AFW_AZ3_HI-GRW_ALL_ALL_whip	New groundwater	Unconstrained
AFW_AZ3_HI-GRW_ALL_ALL_whit	AFW_AZ3_HI-GRW_ALL_ALL_whit	New groundwater	Unconstrained
AFW_AZ3_HI-GRW_RE1_ALL_ough3	AFW_AZ3_HI-GRW_RE1_ALL_ough3	New groundwater	Unconstrained
AFW_AZ3_HI-IMP_ANH_ALL_anglianextension	Anglian extension	External raw water bulk supply/transfer	Unconstrained
AFW_AZ3_HI-IMP_ANH_ALL_gucpitsfordtransfer	Grand Union Canal (GUC) (Pitsford Transfer)	External raw water bulk supply/transfer	Unconstrained
AFW_AZ3_HI-IMP_ANH_ALL_minworthstrategic050	Minworth Strategic Transfer (50Ml/d)	External raw water bulk supply/transfer	Unconstrained
AFW_AZ3_HI-IMP_ANH_ALL_minworthstrategic100	Minworth Strategic Transfer (100Ml/d)	External raw water bulk supply/transfer	Unconstrained
AFW_AZ3_HI-IMP_ANH_ALL_newanglianwaterimpor	New Anglian Water Imports	External potable bulk supply/transfer	Unconstrained
AFW_AZ3_HI-IMP_ANH_ALL_southlincsres100	South Lincolnshire Res (100Ml/d)	External raw water bulk supply/transfer	Unconstrained
AFW_AZ3_HI-REU_ALL_ALL_essendonpumptowaster	Essendon Pump to Waste/Reuse	Water reuse	Unconstrained
AFW_AZ3_HI-REU_ALL_ALL_northmymmspumpto	North Mymms Pump to Waste/Reuse	Water reuse	Unconstrained
AFW_AZ3_HI-REU_ALL_ALL_stevenagestw	Stevenage STW	Water reuse	Unconstrained
AFW_AZ3_HI-ROC_ALL_ALL_northmymmsupgrade	North Mymms Upgrade - Optimising flows from Roestock, Tyttenhanger, Nth Mymms and	Water treatment works capacity increase	Unconstrained
AFW_AZ3_HI-ROC_NET_ALL_wentobullgree	West End north into Bulls Green	Trunk mains renewal/new	Unconstrained
AFW_AZ3_HI-ROC_WT1_ALL_sundonnewwtw	Sundon Treatment Works - New	Water treatment works capacity increase	Unconstrained
AFW_AZ3_HI-RSR_ALL_ALL_essendonreservoir	Essendon Reservoir	New reservoir	Unconstrained
AFW_AZ3_HI-RSR_ALL_ALL_lemsfordreservoir	Lemsford Reservoir	New reservoir	Unconstrained
AFW_AZ3_HI-RSR_ALL_ALL_lutonnorthwts	Luton North Water Treatment Storage	New reservoir	Unconstrained
AFW_AZ3_HI-RSR_ALL_ALL_northawreservoir	Northaw Reservoir	New reservoir	Unconstrained
AFW_AZ3_HI-RSR_ALL_ALL_ramerwickreservoir	Ramerwick Reservoir	New reservoir	Unconstrained
AFW_AZ3_HI-RSR_ALL_ALL_tattlehillreservoir	Tattle Hill Reservoir	New reservoir	Unconstrained
AFW_AZ3_HI-RSR_ALL_ALL_tonwellreservoir	Tonwell Reservoir	New reservoir	Unconstrained
AFW_AZ3_HI-TFR_ANH_ALL_grafhamraising	Grafham Raising	External potable bulk supply/transfer	Unconstrained
AFW_AZ3_HI-TFR_ANH_ALL_reducegrafhamavgimpo	Reduce Grafham imports at average	External potable bulk supply/transfer	Unconstrained
AFW_AZ3_HI-TFR_ANH_ALL_southlincsres050	South Lincolnshire Res (50Ml/d)	External raw water bulk supply/transfer	Unconstrained
AFW_AZ3_HI-TFR_ANH_ALL_sundonparktoprestona	Sundon Park to Preston (Strat A)	External potable bulk supply/transfer	Unconstrained
AFW_AZ3_HI-TFR_AZ1_ALL_boxtedtosundonparka	Boxted to Sundon Park (Strat A)	Internal potable transfer	Unconstrained
AFW_AZ3_HI-TFR_AZ2_ALL_hilfieldtobullsgreen	Deployment of Hilfield Park water into Water Resource Zone 3 Bulls Green	Internal raw water transfer	Unconstrained
AFW_AZ3_HI-TFR_AZ2_ALL_hilfieldtoz3chaulend	Deployment of Hilfield Park water into Water Resource Zone 3 Chaul End	Internal potable transfer	Unconstrained
AFW_AZ3_HI-TFR_AZ3_ALL_bidirectionalreslee	Bidirectional Resilience Infrastructure (Lee Community).	Internal potable transfer	Unconstrained
AFW_AZ3_HI-TFR_AZ3_ALL_bullsgreentopreston	Bulls Green to Preston	Internal potable transfer	Unconstrained
AFW_AZ3_HI-TFR_AZ3_ALL_chippingtobuntingfor	Chipping to Buntingford	Internal potable transfer	Unconstrained
AFW_AZ3_HI-TFR_AZ3_ALL_mcmullensbulksupply	McMullens Bulk Supply	Internal raw water transfer	Unconstrained
AFW_AZ3_HI-TFR_AZ3_ALL_nmimmstobullsgreen	North Mymms to Bulls Green	Internal potable transfer	Unconstrained
AFW_AZ3_HI-TFR_AZ3_ALL_prestonbg100	Preston to Bulls Green 100MLD placeholder	Internal potable transfer	Unconstrained
AFW_AZ3_HI-TFR_AZ3_ALL_prestonbg50	Preston to Bulls Green 50MLD placeholder	Internal potable transfer	Unconstrained
AFW_AZ3_HI-TFR_AZ3_ALL_prestonsib100	Preston to Sibleys 100MLD placeholder	Internal potable transfer	Unconstrained
AFW_AZ3_HI-TFR_AZ3_ALL_prestonsib50	Preston to Sibleys 50MLD placeholder	Internal potable transfer	Unconstrained
AFW_AZ3_HI-TFR_AZ3_ALL_prestontobullsgreen3	Preston to Bulls Green-3rd dry winter	Internal potable transfer	Unconstrained
AFW_AZ3_HI-TFR_AZ3_ALL_prestontobullsgreena	Preston to Bulls Green (Strat A)	Internal potable transfer	Unconstrained
AFW_AZ3_HI-TFR_AZ3_ALL_prestontobullsgreenb	Preston to Bulls Green (Strat B)	Internal potable transfer	Unconstrained
AFW_AZ3_HI-TFR_AZ3_ALL_theoboldlanelocaldrt	Theobolds Lane - Local Supply (Drought Transfer)	Internal raw water transfer	Unconstrained
AFW_AZ3_HI-TFR_AZ3_ALL_westonhillstowickerh	Weston Hills to Wicker Hall	Internal potable transfer	Unconstrained
AFW_AZ3_HI-TFR_AZ4_ALL_arkleybullsgreenmax	Arkley - Bulls Green Transfer maximising Arkley North	Internal potable transfer	Unconstrained
AFW_AZ3_HI-TFR_AZ5_ALL_leecsfwrz3	Lee Chalk Streams First Transfer WRZ3	Internal potable transfer	Unconstrained
AFW_AZ3_HI-TFR_AZ6_ALL_twulaugmentationegha	Thames Water Augmentation Scheme	Internal raw water transfer	Unconstrained

Option ID	Option Name	Option type	Option status
AFW_AZ3_HI-TFR_LON_ALL_amwellorhaileybdrt	Amwell Res (AFW) / Haileybury Res (TWUL) (Drought Transfer)	External raw water bulk supply/transfer	Unconstrained
AFW_AZ3_RE-DRP_ALL_ALL_oughtonandoffleydrp	Oughton and Offley Hiz Catchment Drought Permit	Drought permits/orders	Unconstrained
AFW_AZ3_RE-DRP_ALL_ALL_wellheadhizcatchdrp	Well Head Hiz Catchment Drought Permit	Drought permits/orders	Unconstrained
AFW_AZ4_EF-LKR_ALL_ALL_dmp az4 medium	Demand Basket Medium Pinn	Other water efficiency	Unconstrained
AFW_AZ4_EF-OTR_ALL_ALL_rthamesoutage	River Thames outage	Outage reduction	Unconstrained
AFW_AZ4_EF-TFR_REP_ALL_sundontoarkleyopt	Optimise Sundon to Arkley Link	External potable bulk supply/transfer	Unconstrained
AFW_AZ4_EF-WEF_ALL_ALL_processlosses	Process Losses	Other leakage control	Unconstrained
AFW_AZ4_HI-DES_ALL_ALL_desalinationtwul	Desalination: TWUL Asset (Capex Funded and Water Trade)	Desalination	Unconstrained
AFW_AZ4_HI-GRW_ALL_ALL_barn	AFW_AZ4_HI-GRW_ALL_ALL_barn	New groundwater	Unconstrained
AFW_AZ4_HI-GRW_ALL_ALL_denh	AFW_AZ4_HI-GRW_ALL_ALL_denh	New groundwater	Unconstrained
AFW_AZ4_HI-GRW_ALL_ALL_guin	AFW_AZ4_HI-GRW_ALL_ALL_guin	New groundwater	Unconstrained
AFW_AZ4_HI-GRW_ALL_ALL_hs2d	AFW_AZ4_HI-GRW_ALL_ALL_hs2d	New groundwater	Unconstrained
AFW_AZ4_HI-GRW_ALL_ALL_icke1	AFW_AZ4_HI-GRW_ALL_ALL_icke1	New groundwater	Unconstrained
AFW_AZ4_HI-GRW_ALL_ALL_icke2	AFW_AZ4_HI-GRW_ALL_ALL_icke2	New groundwater	Unconstrained
AFW_AZ4_HI-GRW_ALL_ALL_koda	AFW_AZ4_HI-GRW_ALL_ALL_koda	New groundwater	Unconstrained
AFW_AZ4_HI-GRW_ALL_ALL_newg	AFW_AZ4_HI-GRW_ALL_ALL_newg	New groundwater	Unconstrained
AFW_AZ4_HI-GRW_ALL_ALL_sand	AFW_AZ4_HI-GRW_ALL_ALL_sand	New groundwater	Unconstrained
AFW_AZ4_HI-GRW_ALL_ALL_slou1	AFW_AZ4_HI-GRW_ALL_ALL_slou1	New groundwater	Unconstrained
AFW_AZ4_HI-GRW_ALL_ALL_slou2	AFW_AZ4_HI-GRW_ALL_ALL_slou2	New groundwater	Unconstrained
AFW_AZ4_HI-GRW_ALL_ALL_twul	AFW_AZ4_HI-GRW_ALL_ALL_twul	New groundwater	Unconstrained
AFW_AZ4_HI-GRW_RE1_ALL_east	AFW_AZ4_HI-GRW_RE1_ALL_east	New groundwater	Unconstrained
AFW_AZ4_HI-IMP_ANH_ALL_gucincreaseto50	Grand Union canal (to 50Ml/d)	External raw water bulk supply/transfer	Unconstrained
AFW_AZ4_HI-IMP_AZ4_ALL_sttivertwo050	Severn Thames Transfer (Iver 2 - 50Ml/d)	External raw water bulk supply/transfer	Unconstrained
AFW_AZ4_HI-IMP_SVE_ALL_gucuxbridgeiver	Grand Union Canal (GUC) (GUC-Uxbridge-Iver)	External raw water bulk supply/transfer	Unconstrained
AFW_AZ4_HI-OTH_ALL_ALL_conftradeiver23	Confidential Trading Option Iver 23	Licence trading	Unconstrained
AFW_AZ4_HI-OTH_ALL_ALL_conftradeiver7	Confidential Trading Option Iver 7	Licence trading	Unconstrained
AFW_AZ4_HI-OTH_ALL_ALL_conjunctiveuse	Conjunctive Use Schemes (As yet defined)	Conjunctive use	Unconstrained
AFW_AZ4_HI-OTH_ALL_ALL_hillingdonhospitalbh	Hillingdon Hospital boreholes	Licence trading	Unconstrained
AFW_AZ4_HI-OTH_ALL_ALL_hs2blackfordgroupvar	HS2: Blackford Group Licence variation	Licence trading	Unconstrained
AFW_AZ4_HI-OTH_ALL_ALL_queenmaryreservoir	Queen Mary Reservoir	New reservoir	Unconstrained
AFW_AZ4_HI-REU_ALL_ALL_maplelodgeconjunctiv	Maple Lodge Conjunctive Use Scheme	Water reuse	Unconstrained
AFW_AZ4_HI-ROC_ALL_ALL_iver265peak	Iver 265 Peak	Water treatment works capacity increase	Unconstrained
AFW_AZ4_HI-ROC_ALL_ALL_iver2new025	Iver ('2') - New Treatment Works (25 Ml/d) - Treated supply transfer from Iver (2) to Harefi	Water treatment works capacity increase	Unconstrained
AFW_AZ4_HI-ROC_ALL_ALL_iver2new050	Iver ('2') - New Treatment Works (50 Ml/d) - Treated supply transfer from Iver (2) to Harefi	Water treatment works capacity increase	Unconstrained
AFW_AZ4_HI-ROC_ALL_ALL_iver2new100	Iver ('2') - New Treatment Works (100 Ml/d) - Treated supply transfer from Iver (2) to Hare	Water treatment works capacity increase	Unconstrained
AFW_AZ4_HI-ROC_ALL_ALL_iver2new75	Iver ('2') - New Treatment Works (75 Ml/d) - Treated supply transfer from Iver (2) to Harefi	Water treatment works capacity increase	Unconstrained
AFW_AZ4_HI-ROC_ALL_ALL_iverreplacement	Iver Replacement Plant (450 Ml/d)	Water treatment works capacity increase	Unconstrained
AFW_AZ4_HI-ROC_NET_ALL_iver2harealtcap10	Iver 2 to Harefield 10MLD (WRSE alternative capacity placeholder)	Trunk mains renewal/new	Unconstrained
AFW_AZ4_HI-ROC_NET_ALL_iveruptransharefield	Iver Upgrade and Transfer to Harefield	Trunk mains renewal/new	Unconstrained
AFW_AZ4_HI-RSR_ALL_ALL_thamesstrategicres	Thames Strategic Reservoir (Abingdon)	New reservoir	Unconstrained
AFW_AZ4_HI-TFR_AZ3_ALL_bullsgreentoarkleyab	Bulls Green to Arkley (Strat A & B)	Internal potable transfer	Unconstrained
AFW_AZ4_HI-TFR_AZ4_ALL_brentreservoir	Brent Reservoir	Internal raw water transfer	Unconstrained
AFW_AZ4_HI-TFR_AZ4_ALL_gskgreenford	GSK (Greenford)	Internal raw water transfer	Unconstrained
AFW_AZ4_HI-TFR_AZ4_ALL_gskstockleyparkuxbbh	GSK Stockley Park, Uxbridge Borehole	Internal raw water transfer	Unconstrained
AFW_AZ4_HI-TFR_AZ4_ALL_ivertoarkleyb	Iver to Arkley (Strat B)	Internal potable transfer	Unconstrained
AFW_AZ4_HI-TFR_AZ4_ALL_ivertobusheyheatha	Iver to Bushey Heath Hilfield Park (Strat A)	Internal potable transfer	Unconstrained
AFW_AZ4_HI-TFR_AZ4_ALL_iverupgradetransfer	Iver Upgrade and Transfer	Internal potable transfer	Unconstrained
AFW_AZ4_HI-TFR_AZ4_ALL_ltoaincreassunnymead	LTOA Increase at Sunnymead (25/50/75/100)	Internal raw water transfer	Unconstrained
AFW_AZ4_HI-TFR_AZ4_ALL_parkroyalpipetrackco	Park Royal Pipe Track Connection	Internal raw water transfer	Unconstrained
AFW_AZ4_HI-TFR_AZ4_ALL_southallhanwelldrt	Southall - Hanwell Connection (Drought Transfer)	Internal raw water transfer	Unconstrained
AFW_AZ4_HI-TFR_AZ4_ALL_stharefield	Severn Thames Transfer (Harefield - 50Ml/d)	Internal raw water transfer	Unconstrained
AFW_AZ4_HI-TFR_AZ4_ALL_sttivertwo100	Severn Thames Transfer (Iver 2 - 100Ml/d)	Internal raw water transfer	Unconstrained
AFW_AZ4_HI-TFR_AZ4_ALL_sunnymeadestohare025	Sunnymeades to Harefield Transfer (25 Ml)	Internal raw water transfer	Unconstrained
AFW_AZ4_HI-TFR_AZ4_ALL_sunnymeadestohare050	Sunnymeades to Harefield Transfer (50 Ml)	Internal raw water transfer	Unconstrained
AFW_AZ4_HI-TFR_AZ4_ALL_sunnymeadestohare075	Sunnymeades to Harefield Transfer (75 Ml)	Internal raw water transfer	Unconstrained
AFW_AZ4_HI-TFR_AZ4_ALL_sunnymeadestohare100	Sunnymeades to Harefield Transfer (100 Ml)	Internal raw water transfer	Unconstrained
AFW_AZ4_HI-TFR_AZ4_ALL_sunnymtoivertwo025	Sunnymeades to Iver 2 (25 Ml/d capacity)	Internal raw water transfer	Unconstrained
AFW_AZ4_HI-TFR_AZ4_ALL_sunnymtoivertwo050	Sunnymeades to Iver 2 (50 Ml/d capacity)	Internal raw water transfer	Unconstrained
AFW_AZ4_HI-TFR_AZ4_ALL_sunnymtoivertwo075	Sunnymeades to Iver 2 (75 Ml/d capacity)	Internal raw water transfer	Unconstrained
AFW_AZ4_HI-TFR_AZ4_ALL_sunnymtoivertwo100	Sunnymeades to Iver 2 (100 Ml/d capacity)	Internal raw water transfer	Unconstrained
AFW_AZ4_HI-TFR_AZ4_ALL_wraysburytoiverupg	Wraysbury to Iver upgrade	Internal raw water transfer	Unconstrained
AFW_AZ4_HI-TFR_AZ5_ALL_ryehillarkleyab	Ryehill /Arkley (Strat A & B)	Internal potable transfer	Unconstrained
AFW_AZ4_HI-TFR_AZ6_ALL_eghamtoiver	Egham to Iver	Internal potable transfer	Unconstrained
AFW_AZ4_HI-TFR_AZ6_ALL_northsurreynorth	North Surrey North	Internal raw water transfer	Unconstrained
AFW_AZ4_HI-TFR_LON_ALL_absrediver	Abstraction reduction at Iver	External raw water bulk supply/transfer	Unconstrained
AFW_AZ4_HI-TFR_LON_ALL_fortisgreenreduction	Fortis Green reduction	External potable bulk supply/transfer	Unconstrained
AFW_AZ4_HI-TFR_LON_ALL_fortisgreenstepincr	Fortis Green Stepped Increase	External potable bulk supply/transfer	Unconstrained
AFW_AZ4_HI-TFR_LON_ALL_fortisgreentransupgr	Fortis Green Transfer Upgrade	External potable bulk supply/transfer	Unconstrained
AFW_AZ4_HI-TFR_LON_ALL_fortisgreenupgrade	Fortis Green upgrade	External potable bulk supply/transfer	Unconstrained
AFW_AZ4_HI-TFR_LON_ALL_fortisto27droughtt	Fortis to 27 (Drought Transfer)	External raw water bulk supply/transfer	Unconstrained
AFW_AZ4_HI-TFR_LON_ALL_greenfordealingdrt	Greenford to Ealing (TWUL Res) (Drought Transfer)	External raw water bulk supply/transfer	Unconstrained
AFW_AZ4_HI-TFR_LON_ALL_hs2perivale10	HS2: Perivale 10Ml/d Connection	External raw water bulk supply/transfer	Unconstrained
AFW_AZ4_HI-TFR_LON_ALL_hs2perivale20	HS2: Perivale 20Ml/d Connection	External raw water bulk supply/transfer	Unconstrained
AFW_AZ4_HI-TFR_LON_ALL_kemptontoiverupgr	Kempton to Iver upgrade	External potable bulk supply/transfer	Unconstrained
AFW_AZ4_HI-TFR_LON_ALL_perivalehs2drt	Perivale (HS2) (Drought Transfer)	External raw water bulk supply/transfer	Unconstrained
AFW_AZ4_HI-TFR_LON_ALL_stonebridgepark	Stonebridge Park (Drought Transfer)	External potable bulk supply/transfer	Unconstrained
AFW_AZ4_HI-TFR_LON_ALL_stonebridgeparkmains	Stonebridge Park Mains	External potable bulk supply/transfer	Unconstrained
AFW_AZ4_HI-TFR_LON_ALL_stonebridgeparkupg	Stonebridge Park Upgrade	External potable bulk supply/transfer	Unconstrained
AFW_AZ4_HI-TFR_LON_ALL_thamesintakereduct	Thames intake reduction	External raw water bulk supply/transfer	Unconstrained
AFW_AZ4_HI-TFR_LON_ALL_twulcockfostersdrt	Cockfosters (TWUL Service Res) (Drought Transfer)	External potable bulk supply/transfer	Unconstrained
AFW_AZ4_HI-TFR_LON_ALL_waterfallrddrt	Waterfall Rd (E.Barnet) (Drought Transfer)	External raw water bulk supply/transfer	Unconstrained
AFW_AZ4_HI-TFR_SWX_ALL_abingdontoharefield	Abingdon Reservoir to Harefield Transfer (50Ml)	External raw water bulk supply/transfer	Unconstrained
AFW_AZ4_HI-TFR_SWX_ALL_abingdontoivertwo050	Abingdon Reservoir to Iver 2 WTW 50 Ml/d	External raw water bulk supply/transfer	Unconstrained
AFW_AZ4_HI-TFR_SWX_ALL_abingdontoivertwo100	Abingdon Reservoir to Iver 2 WTW 100 Ml/d	External raw water bulk supply/transfer	Unconstrained
AFW_AZ5_EF-LKR_ALL_ALL_dmp az5 medium	Demand Basket Medium Stort	Other water efficiency	Unconstrained
AFW_AZ5_EF-OTR_ALL_ALL_stortdirectimport	Stort Direct Import	Outage reduction	Unconstrained
AFW_AZ5_HI-GRW_ALL_ALL_armi	AFW_AZ5_HI-GRW_ALL_ALL_armi	New groundwater	Unconstrained
AFW_AZ5_HI-GRW_ALL_ALL_debd	AFW_AZ5_HI-GRW_ALL_ALL_debd	New groundwater	Unconstrained
AFW_AZ5_HI-GRW_ALL_ALL_eppin	AFW_AZ5_HI-GRW_ALL_ALL_eppin	Aquifer recharge/Aquifer storage recovery	Unconstrained
AFW_AZ5_HI-GRW_ALL_ALL_esse1	AFW_AZ5_HI-GRW_ALL_ALL_esse1	New groundwater	Unconstrained
AFW_AZ5_HI-GRW_ALL_ALL_esse2	AFW_AZ5_HI-GRW_ALL_ALL_esse2	Aquifer recharge/Aquifer storage recovery	Unconstrained
AFW_AZ5_HI-GRW_ALL_ALL_hadh1	AFW_AZ5_HI-GRW_ALL_ALL_hadh1	New groundwater	Unconstrained
AFW_AZ5_HI-GRW_ALL_ALL_hadh2	AFW_AZ5_HI-GRW_ALL_ALL_hadh2	New groundwater	Unconstrained
AFW_AZ5_HI-GRW_ALL_ALL_hemp	AFW_AZ5_HI-GRW_ALL_ALL_hemp	New groundwater	Unconstrained
AFW_AZ5_HI-GRW_ALL_ALL_lowe	AFW_AZ5_HI-GRW_ALL_ALL_lowe	New groundwater	Unconstrained
AFW_AZ5_HI-GRW_ALL_ALL_stan1	AFW_AZ5_HI-GRW_ALL_ALL_stan1	New groundwater	Unconstrained
AFW_AZ5_HI-GRW_ALL_ALL_stan2	AFW_AZ5_HI-GRW_ALL_ALL_stan2	New groundwater	Unconstrained
AFW_AZ5_HI-GRW_ALL_ALL_steb1	AFW_AZ5_HI-GRW_ALL_ALL_steb1	New groundwater	Unconstrained
AFW_AZ5_HI-GRW_ALL_ALL_steb2	AFW_AZ5_HI-GRW_ALL_ALL_steb2	New groundwater	Unconstrained
AFW_AZ5_HI-GRW_ALL_ALL_stor	AFW_AZ5_HI-GRW_ALL_ALL_stor	New groundwater	Unconstrained
AFW_AZ5_HI-GRW_ALL_ALL_wend	AFW_AZ5_HI-GRW_ALL_ALL_wend	New groundwater	Unconstrained
AFW_AZ5_HI-IMP_ANH_ALL_braintreetosibleysdt	Braintree to Sibleys (Drought Transfer)	External raw water bulk supply/transfer	Unconstrained
AFW_AZ5_HI-IMP_ANH_ALL_haverhillbullsbridrt	Haverhill to Bulls Bridge (Drought Transfer)	External raw water bulk supply/transfer	Unconstrained
AFW_AZ5_HI-IMP_ANH_ALL_haverhilltobullsbrid	Haverhill to Bulls Bridge	External raw water bulk supply/transfer	Unconstrained
AFW_AZ5_HI-IMP_ANH_ALL_riverpantdrt	River Pant (Drought Transfer)	External raw water bulk supply/transfer	Unconstrained
AFW_AZ5_HI-IMP_AZ5_ALL_chesterfsawstondrt	Great Chesterfield to South Sawston (Drought Transfer)	External raw water bulk supply/transfer	Unconstrained
AFW_AZ5_HI-IMP_SSC_ALL_cambridgetonorthem	Cambridge to North - existing emergency supply	External potable bulk supply/transfer	Unconstrained
AFW_AZ5_HI-IMP_SSC_ALL_chesterfordtosawston	Great Chesterford to South Sawston	External raw water bulk supply/transfer	Unconstrained

Option ID	Option Name	Option type	Option status
AFW_AZ5_HI-IMP_SSC_ALL_cwcintostort	Cambridge Water Transfer to WRZ5	External raw water bulk supply/transfer	Unconstrained
AFW_AZ5_HI-OTH_ALL_ALL_ardleighagreelowcamb	Ardleigh Agreement (Lowersfield/Cambridge receiving)	External potable bulk supply/transfer	Unconstrained
AFW_AZ5_HI-OTH_ALL_ALL_ardleighreleasetoaws	Ardleigh (Releasing xMl/d to Anglian Water)	External potable bulk supply/transfer	Unconstrained
AFW_AZ5_HI-OTH_ALL_ALL_ardleighreleasetoesw	Ardleigh (Releasing xMl/d to Essex & Suffolk Water)	External potable bulk supply/transfer	Unconstrained
AFW_AZ5_HI-OTH_ALL_ALL_bullsbridgeholstead	VW supply from Bulls Bridge to AW Holstead	External potable bulk supply/transfer	Unconstrained
AFW_AZ5_HI-OTH_ALL_ALL_grangebarnlicencepur	Grange Barn Licence Purchase	Licence trading	Unconstrained
AFW_AZ5_HI-OTH_ALL_ALL_roddingsmallres	Roding Small Reservoirs	External potable bulk supply/transfer	Unconstrained
AFW_AZ5_HI-REU_ALL_ALL_harlowstw	Harlow STW	Water reuse	Unconstrained
AFW_AZ5_HI-REU_ALL_ALL_riversidereuse	Riverside STW Indirect Reuse	Water reuse	Unconstrained
AFW_AZ5_HI-ROC_ALL_ALL_lowerleenewwtw	Lower Lee New Treatment Works	Water treatment works capacity increase	Unconstrained
AFW_AZ5_HI-ROC_ALL_ALL_roydon4bh	Roydon Number 4 borehole	Water treatment works capacity increase	Unconstrained
AFW_AZ5_HI-ROC_NET_ALL_hadhammilltoryehilab	Hadham Mill to Ryehill (Strat A & B)	Trunk mains renewal/new	Unconstrained
AFW_AZ5_HI-RSR_ALL_ALL_birdsgreenreservoir	Birds Green Reservoir	New reservoir	Unconstrained
AFW_AZ5_HI-RSR_ALL_ALL_brickhousereservoir	Brickhouse reservoir	New reservoir	Unconstrained
AFW_AZ5_HI-RSR_ALL_ALL_cherrygreenreservoir	Cherry Green Reservoir	New reservoir	Unconstrained
AFW_AZ5_HI-RSR_ALL_ALL_churchendreservoir	Churchend Reservoir	New reservoir	Unconstrained
AFW_AZ5_HI-RSR_ALL_ALL_elsenhamwts	Elsenham Water Treatment Storage	New reservoir	Unconstrained
AFW_AZ5_HI-RSR_ALL_ALL_hadhammillwts	Hadham Mill Water Treatment Storage	New reservoir	Unconstrained
AFW_AZ5_HI-RSR_ALL_ALL_harcamlowreservoir	Harcamlow Reservoir	New reservoir	Unconstrained
AFW_AZ5_HI-RSR_ALL_ALL_highcrossreservoir	High Cross Reservoir	New reservoir	Unconstrained
AFW_AZ5_HI-RSR_ALL_ALL_hunsdonreservoir	Hunsdon Reservoir	New reservoir	Unconstrained
AFW_AZ5_HI-RSR_ALL_ALL_kelvedonhatchreserv	Kelvedon Hatch Reservoir	New reservoir	Unconstrained
AFW_AZ5_HI-RSR_ALL_ALL_lordshipreservoir	Lordship reservoir	New reservoir	Unconstrained
AFW_AZ5_HI-RSR_ALL_ALL_mardenashreservoir	Marden Ash Reservoir	New reservoir	Unconstrained
AFW_AZ5_HI-RSR_ALL_ALL_moretonreservoir	Moreton Reservoir	New reservoir	Unconstrained
AFW_AZ5_HI-RSR_ALL_ALL_sawbridgeworthreserv	Sawbridgeworth Reservoir	New reservoir	Unconstrained
AFW_AZ5_HI-TFR_AZ3_ALL_leecsfwrz5	Lee Chalk Streams First Transfer WRZ5	Internal potable transfer	Unconstrained
AFW_AZ5_HI-TFR_AZ3_ALL_northernlinkmainupg	Northern Link Main Upgrade	Internal potable transfer	Unconstrained
AFW_AZ5_HI-TFR_AZ3_ALL_prestonsib100	Preston to Sibleys 100MLD placeholder	Internal potable transfer	Unconstrained
AFW_AZ5_HI-TFR_AZ3_ALL_prestonsib50	Preston to Sibleys 50MLD placeholder	Internal potable transfer	Unconstrained
AFW_AZ5_HI-TFR_AZ3_ALL_westernhwickerhdual	Weston Hills Wicker Hall Dual Main	Internal potable transfer	Unconstrained
AFW_AZ5_HI-TFR_AZ3_ALL_wickerhallbypass	Wicker Hall Bypass	Internal potable transfer	Unconstrained
AFW_AZ5_HI-TFR_AZ5_ALL_awsintostortnorth	Anglian into Stort from the north	Internal raw water transfer	Unconstrained
AFW_AZ5_HI-TFR_AZ5_ALL_ryehillpeak	Ryehill Peak Option	Internal raw water transfer	Unconstrained
AFW_AZ5_HI-TFR_AZ5_ALL_standonnorthmains	Standon North Mains	Internal potable transfer	Unconstrained
AFW_AZ5_HI-TFR_LON_ALL_coppermillsharlowdrt	Coppermills to Harlow (Drought Transfer)	External raw water bulk supply/transfer	Unconstrained
AFW_AZ5_HI-TFR_LON_ALL_theoboldlanebulkdrt	A10 Theobolds Lane (TWUL Mothballed PS) - Bulk Supply (Drought Transfer)	External raw water bulk supply/transfer	Unconstrained
AFW_AZ5_RE-DRP_ALL_ALL_uttlesfordbridgedrp	Uttlesford Bridge Cam Catchment Drought Permit	Drought permits/orders	Unconstrained
AFW_AZ6_EF-LKR_ALL_ALL_dmp az6 medium	Demand Basket Medium Wey	Other water efficiency	Unconstrained
AFW_AZ6_HI-DES_ALL_ALL_surreychalkdesal	Surrey Chalk Desalination	Desalination	Unconstrained
AFW_AZ6_HI-GRW_ALL_ALL_arte	AFW_AZ6_HI-GRW_ALL_ALL_arte	New groundwater	Unconstrained
AFW_AZ6_HI-GRW_ALL_ALL_clan	AFW_AZ6_HI-GRW_ALL_ALL_clan	New groundwater	Unconstrained
AFW_AZ6_HI-GRW_ALL_ALL_egha	AFW_AZ6_HI-GRW_ALL_ALL_egha	New groundwater	Unconstrained
AFW_AZ6_HI-GRW_ALL_ALL_hors	AFW_AZ6_HI-GRW_ALL_ALL_hors	New groundwater	Unconstrained
AFW_AZ6_HI-GRW_ALL_ALL_surr	AFW_AZ6_HI-GRW_ALL_ALL_surr	New groundwater	Unconstrained
AFW_AZ6_HI-GRW_ALL_ALL_tedd	AFW_AZ6_HI-GRW_ALL_ALL_tedd	Aquifer recharge/Aquifer storage recovery	Unconstrained
AFW_AZ6_HI-GRW_RE1_ALL_chert	AFW_AZ6_HI-GRW_RE1_ALL_chert	New groundwater	Unconstrained
AFW_AZ6_HI-OTH_ALL_ALL_conftradeegham23	Confidential Trading Option Egham 23	Licence trading	Unconstrained
AFW_AZ6_HI-OTH_ALL_ALL_conftradeegham5	Confidential Trading Option Egham 5	Licence trading	Unconstrained
AFW_AZ6_HI-OTH_ALL_ALL_conftradegham5	RWE Didcot licence trading and transfer	Licence trading	Unconstrained
AFW_AZ6_HI-OTH_ALL_ALL_riverthamesfloodalle	River Thames Flood Alleviation Channel	Conjunctive use	Unconstrained
AFW_AZ6_HI-OTH_ALL_ALL_wrz6tosesexport	WRZ6 to SES Export	External potable bulk supply/transfer	Unconstrained
AFW_AZ6_HI-RSR_ALL_ALL_halebournereservoir	Halebourne Reservoir	New reservoir	Unconstrained
AFW_AZ6_HI-RSR_ALL_ALL_twelveoaksreservoir	Twelve Oaks Reservoir	New reservoir	Unconstrained
AFW_AZ6_HI-TFR_AZ6_ALL_bathroaddrt	Bath Road (Drought Transfer)	Internal raw water transfer	Unconstrained
AFW_AZ6_HI-TFR_AZ6_ALL_eghamnorth10	Egham north 10 MLD	Internal potable transfer	Unconstrained
AFW_AZ6_HI-TFR_AZ6_ALL_eghamnorth30	Egham north 30 MLD	Internal potable transfer	Unconstrained
AFW_AZ6_HI-TFR_AZ6_ALL_rwetradetoegham	RWE trade to Egham	Internal raw water transfer	Unconstrained
AFW_AZ6_HI-TFR_AZ6_ALL_sloughexporttotwdrt	Slough Export to Thames Water (Drought Transfer)	Internal raw water transfer	Unconstrained
AFW_AZ6_HI-TFR_AZ6_ALL_twuleghamexchange	Thames Water - (Egham Exchange)	Internal raw water transfer	Unconstrained
AFW_AZ6_HI-TFR_AZ6_ALL_waltonhamptondrtbd	Walton to Hampton connection bidirectional (Drought Transfer)	Internal potable transfer	Unconstrained
AFW_AZ6_HI-TFR_GUI_ALL_ladymeadopt	Ladymead Optimisation	External potable bulk supply/transfer	Unconstrained
AFW_AZ6_HI-TFR_GUI_ALL_ladymeadtransreduct	Lady Mead - transfer reduction	External potable bulk supply/transfer	Unconstrained
AFW_AZ6_HI-TFR_LON_ALL_absredchertsey	Abstraction reduction at Chertsey	External raw water bulk supply/transfer	Unconstrained
AFW_AZ6_HI-TFR_LON_ALL_absredegham	Abstraction reduction at Egham	External raw water bulk supply/transfer	Unconstrained
AFW_AZ6_HI-TFR_LON_ALL_absredwalton	Abstraction reduction at Walton	External raw water bulk supply/transfer	Unconstrained
AFW_AZ6_HI-TFR_LON_ALL_hattoncrossbsdrt	Hatton Cross BS (Mogden) (Drought Transfer)	External raw water bulk supply/transfer	Unconstrained
AFW_AZ6_HI-TFR_LON_ALL_kemptoniverharrowdrt	Kempton Park to Iver to Harrow reservoir (Drought Transfer)	External raw water bulk supply/transfer	Unconstrained
AFW_AZ6_HI-TFR_LON_ALL_weylocalconnectivity	Wey Local Connectivity	External potable bulk supply/transfer	Unconstrained
AFW_AZ6_HI-TFR_SES_ALL_sesleatherheadimport	SES Leatherhead import to AFW Walton WT	External potable bulk supply/transfer	Unconstrained
AFW_AZ7_EF-LKR_ALL_ALL_dmp az7 medium	Demand Basket Medium Dour	Other water efficiency	Unconstrained
AFW_AZ7_HI-DES_ALL_ALL_desal	Desal	Desalination	Unconstrained
AFW_AZ7_HI-DES_ALL_ALL_desalinationplanta	Desalination Plant (Option A) - St Mary's Bay beach wells (2Ml/d; 15 m deep) blending ons	Desalination	Unconstrained
AFW_AZ7_HI-DES_ALL_ALL_desalinationplantb2	Desalination Plant (Option B) - Hythe beach wells (2Ml/d; 15 m deep) blending at Saltwoo	Desalination	Unconstrained
AFW_AZ7_HI-DES_ALL_ALL_desalinationplantb23	Desalination Plant (Option B @ 2.35 Ml/d) - Hythe beach wells (15 m deep) blending at Sal	Desalination	Unconstrained
AFW_AZ7_HI-DES_ALL_ALL_desalinationplantd	Desalination Plant (Option D) - Hythe beach wells (2Ml/d; 100m deep) blending at Saltwoo	Desalination	Unconstrained
AFW_AZ7_HI-DES_ALL_ALL_desalinationplante	Desalination Plant (Option E) - Hythe seawater source (2Ml/d) blending at Saltwood Reser	Desalination	Unconstrained
AFW_AZ7_HI-DES_ALL_ALL_desalinationplantf	Desalination Plant (Option F) - St Mary's beach wells (4Ml/d; 15m deep) blending onsite w	Desalination	Unconstrained
AFW_AZ7_HI-DES_ALL_ALL_desalinationplantg	Desalination Plant (Option G) - Hythe beach wells (4Ml/d; 15m) blending at Saltwood Rese	Desalination	Unconstrained
AFW_AZ7_HI-DES_ALL_ALL_desalinationplantg1	Desalination Plant (Option G: Phase 1 - 2Ml/d) - Hythe Beach wells (15m deep) with blendi	Desalination	Unconstrained
AFW_AZ7_HI-DES_ALL_ALL_desalinationplantg2	Desalination Plant (Option G: Phase 2 - 2Ml/d) - Hythe Beach wells (15m deep) with blendi	Desalination	Unconstrained
AFW_AZ7_HI-DES_ALL_ALL_desalinationplanth	Desalination Plant (Option H) - Hythe seawater source (4Ml/d) blending at Saltwood Reser	Desalination	Unconstrained
AFW_AZ7_HI-DES_ALL_ALL_desalinationsew	Desalination: SEW Asset (Capex Funded and Water Trade)	Desalination	Unconstrained
AFW_AZ7_HI-DES_ALL_ALL_fulldesalination	Full Desalination Scheme	Desalination	Unconstrained
AFW_AZ7_HI-GRW_ALL_ALL_asr	AFW_AZ7_HI-GRW_ALL_ALL_asr	Aquifer recharge/Aquifer storage recovery	Unconstrained
AFW_AZ7_HI-GRW_ALL_ALL_blue	AFW_AZ7_HI-GRW_ALL_ALL_blue	New groundwater	Unconstrained
AFW_AZ7_HI-GRW_ALL_ALL_cliff	AFW_AZ7_HI-GRW_ALL_ALL_cliff	New groundwater	Unconstrained
AFW_AZ7_HI-GRW_ALL_ALL_cowl	AFW_AZ7_HI-GRW_ALL_ALL_cowl	New groundwater	Unconstrained
AFW_AZ7_HI-GRW_ALL_ALL_deng1	AFW_AZ7_HI-GRW_ALL_ALL_deng1	New groundwater	Unconstrained
AFW_AZ7_HI-GRW_ALL_ALL_deng2	AFW_AZ7_HI-GRW_ALL_ALL_deng2	New groundwater	Unconstrained
AFW_AZ7_HI-GRW_ALL_ALL_dove1	AFW_AZ7_HI-GRW_ALL_ALL_dove1	New groundwater	Unconstrained
AFW_AZ7_HI-GRW_ALL_ALL_dove2	AFW_AZ7_HI-GRW_ALL_ALL_dove2	New groundwater	Unconstrained
AFW_AZ7_HI-GRW_ALL_ALL_drel	AFW_AZ7_HI-GRW_ALL_ALL_drel	New groundwater	Unconstrained
AFW_AZ7_HI-GRW_ALL_ALL_lydd	AFW_AZ7_HI-GRW_ALL_ALL_lydd	New groundwater	Unconstrained
AFW_AZ7_HI-GRW_ALL_ALL_lyeo	AFW_AZ7_HI-GRW_ALL_ALL_lyeo	New groundwater	Unconstrained
AFW_AZ7_HI-GRW_ALL_ALL_nail	AFW_AZ7_HI-GRW_ALL_ALL_nail	New groundwater	Unconstrained
AFW_AZ7_HI-GRW_ALL_ALL_poul1	AFW_AZ7_HI-GRW_ALL_ALL_poul1	New groundwater	Unconstrained
AFW_AZ7_HI-GRW_ALL_ALL_poul2	AFW_AZ7_HI-GRW_ALL_ALL_poul2	New groundwater	Unconstrained
AFW_AZ7_HI-GRW_ALL_ALL_purc	AFW_AZ7_HI-GRW_ALL_ALL_purc	New groundwater	Unconstrained
AFW_AZ7_HI-GRW_ALL_ALL_salt	AFW_AZ7_HI-GRW_ALL_ALL_salt	New groundwater	Unconstrained
AFW_AZ7_HI-GRW_ALL_ALL_tilm	AFW_AZ7_HI-GRW_ALL_ALL_tilm	New groundwater	Unconstrained
AFW_AZ7_HI-IMP_AZ7_ALL_channeltunnelbulkimp	Channel Tunnel Bulk Import	External raw water bulk supply/transfer	Unconstrained
AFW_AZ7_HI-LRE_ALL_ALL_bucklandmill	Buckland Mill	Water treatment works loss recovery	Unconstrained
AFW_AZ7_HI-LRE_ALL_ALL_primroseconstrainalt	Primrose Constraint Alternative	Water treatment works loss recovery	Unconstrained
AFW_AZ7_HI-LRE_ALL_ALL_worldswondernetimp	World's Wonder Network Improvement	Water treatment works loss recovery	Unconstrained
AFW_AZ7_HI-OTH_ALL_ALL_aldingtonexport	Aldington Export	External potable bulk supply/transfer	Unconstrained
AFW_AZ7_HI-OTH_ALL_ALL_dengecamberexport	Denge/Camber (Affinity Export)	External potable bulk supply/transfer	Unconstrained
AFW_AZ7_HI-OTH_ALL_ALL_dengeexport4sw	Denge Export 4Ml/d to SW	External potable bulk supply/transfer	Unconstrained

Option ID	Option Name	Option type	Option status
AFW_AZ7_HI-OTH_ALL_ALL_sewexportreduction	South East Water Export Reduction	External potable bulk supply/transfer	Unconstrained
AFW_AZ7_HI-REU_ALL_ALL_broomfieldbankseffre	Broomfield Banks Effluent Reuse Scheme	Water reuse	Unconstrained
AFW_AZ7_HI-REU_ALL_ALL_dengewastewater	Denge (Wastewater)	Water reuse	Unconstrained
AFW_AZ7_HI-ROC_NET_ALL_broomenetworkimprove	Broome Network Improvement	Trunk mains renewal/new	Unconstrained
AFW_AZ7_HI-RSR_ALL_ALL_broadoakreservoir	Broad Oak Reservoir	New reservoir	Unconstrained
AFW_AZ7_HI-RSR_ALL_ALL_densolereservoir	Densole Reservoir	New reservoir	Unconstrained
AFW_AZ7_HI-RSR_ALL_ALL_elvingtonreservoir	Elvington Reservoir	New reservoir	Unconstrained
AFW_AZ7_HI-RSR_ALL_ALL_extedreservoir	Exted Reservoir	New reservoir	Unconstrained
AFW_AZ7_HI-RSR_ALL_ALL_folkestonecovstorage	Folkestone Covered Storage	New reservoir	Unconstrained
AFW_AZ7_HI-RSR_ALL_ALL_lyddenreservoir	Lydden Reservoir	New reservoir	Unconstrained
AFW_AZ7_HI-RSR_ALL_ALL_newhillsreservoir	New Hills Reservoir	New reservoir	Unconstrained
AFW_AZ7_HI-RSR_ALL_ALL_regionreservoirwrse	Regional Reservoir (WRSE)	New reservoir	Unconstrained
AFW_AZ7_HI-RSR_ALL_ALL_sellindgereservoir	Sellindge Reservoir	New reservoir	Unconstrained
AFW_AZ7_HI-RSR_ALL_ALL_wootonreservoir	Wooton Reservoir	New reservoir	Unconstrained
AFW_AZ7_HI-TFR_AZ7_ALL_barhamcontinue2015	Barham Continuation after 2014/15	Internal potable transfer	Unconstrained
AFW_AZ7_HI-TFR_AZ7_ALL_barhamexport2sew	Barham export 2Ml/d to SEW	Internal potable transfer	Unconstrained
AFW_AZ7_HI-TFR_AZ7_ALL_barhamexport4sew	Barham export 4Ml/d to SEW	Internal potable transfer	Unconstrained
AFW_AZ7_HI-TFR_AZ7_ALL_dormanavenuenrv	Dorman Avenue NRV	Internal raw water transfer	Unconstrained
AFW_AZ7_HI-TFR_AZ7_ALL_rakesholenetworkimpr	Rakeshole network improvement	Internal potable transfer	Unconstrained
AFW_AZ7_HI-TFR_RZ3_ALL_sewimportbewl	SEW Import (Bewl)	External potable bulk supply/transfer	Unconstrained
AFW_AZ7_HI-TFR_SHZ_ALL_dengeexporttosw	Denge Export 2Ml/d to SW	External potable bulk supply/transfer	Unconstrained
AFW_AZ7_RE-DRP_ALL_ALL_holmestonedourcatdrp	Holmestone Dour Catchment Drought Permit	Drought permits/orders	Unconstrained
AFW_AZ7_RE-OTH_ALL_ALL_stonehall	Stonehall	Water treatment works capacity increase	Unconstrained
AFW_AZ7_RE-TFR_ALL_ALL_folkestonetankering	Folkestone Tankering (70Ml marine tanker)	International import	Unconstrained
AFW_RZ4_EF-TFR_REP_ALL_eghamsurreyhreduct	Egham to Surrey Hills Reduction (36Ml/d)	External potable bulk supply/transfer	Unconstrained
AFW_RZ4_EF-TFR_REP_ALL_eghamtosurreyhill10	Egham to Surrey Hills Reduction (10Ml/d)	External potable bulk supply/transfer	Unconstrained
AFW_RZ4_EF-TFR_REP_ALL_eghamtosurreyhills20	Egham to Surrey Hills Reduction (20Ml/d)	External potable bulk supply/transfer	Unconstrained
PRT_PRT_EF-CRE_ALL_ALL_compulsory meterhh	(C004) Compulsory metering HH	Metering compulsory	Unconstrained
PRT_PRT_EF-CRE_ALL_ALL_greywater hh	(C047) Greywater reuse- existing HH	Household water recycling	Unconstrained
PRT_PRT_EF-CRE_ALL_ALL_greywater newhh	(C048) Greywater reuse- new HH	Household water recycling	Unconstrained
PRT_PRT_EF-CRE_ALL_ALL_ind storage	(C014) Ind storage- low charge	Other water efficiency	Unconstrained
PRT_PRT_EF-CRE_ALL_ALL_interruptible ind	(C013) Interruptible Ind supply	Other water efficiency	Unconstrained
PRT_PRT_EF-CRE_ALL_ALL_meter hh pool	(C002) Meter HH w pool	Metering other selective	Unconstrained
PRT_PRT_EF-OTH_ALL_ALL_rainharvest hh	(C051) Rainharvest current HH	Rainwater harvesting	Unconstrained
PRT_PRT_EF-OTH_ALL_ALL_rainharvest newhh	(C049) Rainharvest- new HH	Rainwater harvesting	Unconstrained
PRT_PRT_EF-TFR_RE1_ALL_dew ponds potable	(WS_50) Dew Ponds - potable	External raw water bulk supply/transfer	Unconstrained
PRT_PRT_EF-TFR_RE1_ALL_gravel pits	(R008) Utilisation of gravel pits near Chichester	External raw water bulk supply/transfer	Unconstrained
PRT_PRT_EF-TFR_RE2_ALL_reverse SRN Source D	(R047) Reversal of existing bulk supply (sourced from SRN Source D)	External potable bulk supply/transfer	Unconstrained
PRT_PRT_EF-WEF_ALL_ALL_3rd party evap	(C022) 3rdParty reduce evap	Other water efficiency	Unconstrained
PRT_PRT_EF-WEF_ALL_ALL_appliance exchange	(C025) Appliance exchange	Retrofitting indoor water efficiency devices	Unconstrained
PRT_PRT_EF-WEF_ALL_ALL_appliance label	(C019) Appliance labelling	Other water efficiency	Unconstrained
PRT_PRT_EF-WEF_ALL_ALL_cistern displacement	(C042) Cistern displacement	Retrofitting indoor water efficiency devices	Unconstrained
PRT_PRT_EF-WEF_ALL_ALL_composting toilets	(C032) Composting toilets	Retrofitting indoor water efficiency devices	Unconstrained
PRT_PRT_EF-WEF_ALL_ALL_consumption tariffs	(C008) Consumption tariffs	Tariff	Unconstrained
PRT_PRT_EF-WEF_ALL_ALL_dual flush toilet	(C030) Dual flush toilets	Retrofitting indoor water efficiency devices	Unconstrained
PRT_PRT_EF-WEF_ALL_ALL_hot system design	(C017) Hot system design	Other water efficiency	Unconstrained
PRT_PRT_EF-WEF_ALL_ALL_hot system user	(C018) Hot system users	Other water efficiency	Unconstrained
PRT_PRT_EF-WEF_ALL_ALL_increase vol charge	(C007) Increase vol. charge	Tariff	Unconstrained
PRT_PRT_EF-WEF_ALL_ALL_ind spot pricing	(C015) Ind spot pricing	Tariff	Unconstrained
PRT_PRT_EF-WEF_ALL_ALL_install new toilets	(C031) Install new toilets	Retrofitting indoor water efficiency devices	Unconstrained
PRT_PRT_EF-WEF_ALL_ALL_install showers	(C027) Install showers	Retrofitting indoor water efficiency devices	Unconstrained
PRT_PRT_EF-WEF_ALL_ALL_large developers	(C067) large developers	Retrofitting indoor water efficiency devices	Unconstrained
PRT_PRT_EF-WEF_ALL_ALL_low charge min vol	(C012) Low charge min vol.	Tariff	Unconstrained
PRT_PRT_EF-WEF_ALL_ALL_low flow showerhead	(C028) Low flow showerheads	Retrofitting indoor water efficiency devices	Unconstrained
PRT_PRT_EF-WEF_ALL_ALL_low flush toilet	(C029) Low flush toilets	Retrofitting indoor water efficiency devices	Unconstrained
PRT_PRT_EF-WEF_ALL_ALL_narrow toilet pipes	(OF_13) Narrow toilet pipes	Other water efficiency	Unconstrained
PRT_PRT_EF-WEF_ALL_ALL_peak/nonpeak tariff	(C011) Peak/NonPeak tariffs	Tariff	Unconstrained
PRT_PRT_EF-WEF_ALL_ALL_retrofit hh coo	(C071) retrofit HH change of occupancy	Retrofitting indoor water efficiency devices	Unconstrained
PRT_PRT_EF-WEF_ALL_ALL_rising block tariffs	(C009) Rising block tariffs	Tariff	Unconstrained
PRT_PRT_EF-WEF_ALL_ALL_seasonal tariffs	(C010) Seasonal tariffs	Tariff	Unconstrained
PRT_PRT_EF-WEF_ALL_ALL_shallow trap toilet	(C035) Shallow trap toilets	Retrofitting indoor water efficiency devices	Unconstrained
PRT_PRT_EF-WEF_ALL_ALL_small developers	(C068) small developers	Other water efficiency	Unconstrained
PRT_PRT_EF-WEF_ALL_ALL_supply chain sustain	(WS_12) Supply chain sustainability	Other water efficiency	Unconstrained
PRT_PRT_EF-WEF_ALL_ALL_water retailer	(C085) Water retailer save	Other water efficiency	Unconstrained
PRT_PRT_HI-DES_RE1_ALL_desal arun	(R029) Arun Desalination Plant	Desalination	Unconstrained
PRT_PRT_HI-DES_RE1_ALL_desal harbour	(R027) Portsmouth Harbour Desalination Plant	Desalination	Unconstrained
PRT_PRT_HI-DES_RE1_ALL_desal hayling island	(R028) Hayling Island Desalination Plant	Desalination	Unconstrained
PRT_PRT_HI-DES_RE1_ALL_desal itchen	(R030) Itchen Desalination Plant	Desalination	Unconstrained
PRT_PRT_HI-GRW_RE1_ALL_desal brackish chalk	(OF_05) Desal brackish Chalk	New groundwater	Unconstrained
PRT_PRT_HI-GRW_RE1_ALL_drought lgs	(OF_04) Drought LGS abstraction	Aquifer recharge/Aquifer storage recovery	Unconstrained
PRT_PRT_HI-GRW_RE1_ALL_dunbridge new source	(OF_03) Dunbridge new source	New groundwater	Unconstrained
PRT_PRT_HI-GRW_RE1_ALL_hambledon new source	(WS_48) Hambledon new source	New groundwater	Unconstrained
PRT_PRT_HI-GRW_RE1_ALL_increase porosity	(OF_06) Increase porosity	New groundwater	Unconstrained
PRT_PRT_HI-GRW_RE1_ALL_Source C do	Source C Group - Maximising DO	New groundwater	Unconstrained
PRT_PRT_HI-GRW_RE1_ALL_Source H do	Source H DO recovery	New groundwater	Unconstrained
PRT_PRT_HI-GRW_RE1_ALL_Source J do	Source J - Maximising ADO and PDO	New groundwater	Unconstrained
PRT_PRT_HI-GRW_RE1_ALL_Source O do	Source O DO recovery	New groundwater	Unconstrained
PRT_PRT_HI-GRW_RE2_ALL_LMNOP gwab incrs	(R021) LMNOP Group (Source O) - Increase in Licence/additional boreholes	New groundwater	Unconstrained
PRT_PRT_HI-GRW_RE2_ALL_QRST Group gwab do	(R020a) QRST Group – Maximising DO	New groundwater	Unconstrained
PRT_PRT_HI-GRW_RE2_ALL_QRST gwab incrs	(R020) QRST Group – Increase in Licence/additional boreholes	New groundwater	Unconstrained
PRT_PRT_HI-GRW_RE2_ALL_Source B	(R025) Source B Additional Springs	New groundwater	Unconstrained
PRT_PRT_HI-GRW_RE2_ALL_Source C gwab incrs	(R024) Source C Group - Increase in Licence/additional boreholes	New groundwater	Unconstrained
PRT_PRT_HI-GRW_RE2_ALL_Source F gwab incrs	(R023) Source F - Increase in Licence/additional boreholes	New groundwater	Unconstrained
PRT_PRT_HI-GRW_RE2_ALL_Source J gwab incrs	(R022) Source J - Increase in Licence/additional boreholes	New groundwater	Unconstrained
PRT_PRT_HI-LRE_WT2_ALL_Source F washwater	(P002) Source F WTW	Water treatment works loss recovery	Unconstrained
PRT_PRT_HI-LRE_WT2_ALL_Source P washwater	(P003) Source P WTW	Water treatment works loss recovery	Unconstrained
PRT_PRT_HI-LRE_WT2_ALL_Works A wash2	(P004) Works A WTW	Water treatment works loss recovery	Unconstrained
PRT_PRT_HI-LRE_WT2_ALL_Works A washwater	(P001) Works A WTW	Water treatment works loss recovery	Unconstrained
PRT_PRT_HI-OTH_RE1_ALL_3rd party bhs	(R082) Commission unused private / commercial boreholes	Licence trading	Unconstrained
PRT_PRT_HI-OTH_RE1_ALL_3rd party supply	(R076) Contractual supply of water from 3rd party (bulk supply)	Licence trading	Unconstrained
PRT_PRT_HI-OTH_RE1_ALL_tidal barrage	(R006) Tidal barrage at mouth of Chichester Harbour	New technology	Unconstrained
PRT_PRT_HI-OTH_RE1_ALL_trade 3rd party abs	(R055) Purchase or trade third party abstraction licenses	Licence trading	Unconstrained
PRT_PRT_HI-OTH_REP_ALL_dual coastal	(C056) Dual coastal non-pot	Other water efficiency	Unconstrained
PRT_PRT_HI-OTH_REP_ALL_non-pot sea water	(C055) non-pot sea water	Other water efficiency	Unconstrained
PRT_PRT_HI-RAB_RE1_ALL_r rother swab 15 mld	(R007) New surface water abstraction on the River Rother 15 Ml/d	New surface water	Unconstrained
PRT_PRT_HI-RAB_RE1_ALL_r wallington swab	(R005) New surface water abstraction on the Wallington at the tidal limit	New surface water	Unconstrained
PRT_PRT_HI-RAB_RE1_ALL_r.hamble swab	(R003) New surface water abstraction on the Hamble at the tidal limit	New surface water	Unconstrained
PRT_PRT_HI-RAB_RE1_ALL_r.meon swab	(R004) New surface water abstraction on the Meon at the tidal limit	New surface water	Unconstrained
PRT_PRT_HI-RAB_RE2_ALL_incrs Source A mld	(R001) Increase Source A Abstraction 10 Ml/d	New surface water	Unconstrained
PRT_PRT_HI-RAB_RE2_ALL_itchen swab 10mld	(R040) River Itchen abstraction 10 Ml/d	New surface water	Unconstrained
PRT_PRT_HI-RAB_RE2_ALL_itchen swab 20mld	(R041) River Itchen abstraction 20 Ml/d	New surface water	Unconstrained
PRT_PRT_HI-RAB_RE2_ALL_itchen swab 30mld	(R042) River Itchen abstraction 30 Ml/d	New surface water	Unconstrained
PRT_PRT_HI-RAB_RE2_ALL_Source A aug20mld	(R002) Increase Source A Abstraction through augmentation 20 Ml/d	New surface water	Unconstrained
PRT_PRT_HI-REU_ALL_ALL_eff reuse glasshouse	(R085) Eff reuse glasshouses	Water reuse	Unconstrained
PRT_PRT_HI-REU_RE1_ALL_eff reuse SRN Works A	(R032) SRN Works A Effluent Reuse Scheme (Direct)	Water reuse	Unconstrained
PRT_PRT_HI-REU_RE1_ALL_eff reuse SRN Works B	(R034) SRN Works B Reuse Scheme (Direct)	Water reuse	Unconstrained
PRT_PRT_HI-REU_RE1_ALL_eff reuse SRN Works C	(R033) SRN Works C Effluent Reuse (Direct)	Water reuse	Unconstrained
PRT_PRT_HI-ROC_NET_ALL_distrubtion main	(D009) Distribution Main Expansion	Trunk mains renewal/new	Unconstrained

Option ID	Option Name	Option type	Option status
PRT_PRT_HI-ROC_NET_ALL_national water grid	(R048) National Water Grid	Trunk mains renewal/new	Unconstrained
PRT_PRT_HI-ROC_NET_ALL_pinch points	(WS_59) Pinch point mitigation	Trunk mains renewal/new	Unconstrained
PRT_PRT_HI-ROC_NET_ALL_trunk main expansion	(D008) Trunk Main Expansion	Trunk mains renewal/new	Unconstrained
PRT_PRT_HI-ROC_RE1_ALL_recommission pw bhs	(R081) Commission unused Portsmouth Water boreholes (increase source yield)	Water treatment works capacity increase	Unconstrained
PRT_PRT_HI-ROC_RE2_ALL_lower borehole pumps	(R078) Lower borehole pumps	Water treatment works capacity increase	Unconstrained
PRT_PRT_HI-RSR_RE1_ALL_boarhut wsr 10mld	(R018) Boarhunt Winter Storage Reservoir (Meon) 10 Ml/d	New reservoir	Unconstrained
PRT_PRT_HI-RSR_RE1_ALL_colden wsr 10mld	(R016) Colden Common Winter Storage Reservoir 10 Ml/d	New reservoir	Unconstrained
PRT_PRT_HI-RSR_RE1_ALL_hamble impound res	(R010) New impounding reservoir on the Hamble	New reservoir	Unconstrained
PRT_PRT_HI-RSR_RE1_ALL_ht wsr b 45mld	(R014) Havant Thicket Winter Storage Reservoir Option B - 'Supersize Design' 45 Ml/d	New reservoir	Unconstrained
PRT_PRT_HI-RSR_RE1_ALL_ht wsr c 16mld	(R015) Havant Thicket Winter Storage Reservoir Option C - 'Reduced footprint ' 16 Ml/d	New reservoir	Unconstrained
PRT_PRT_HI-RSR_RE1_ALL_itchen impound res	(R009) New impounding reservoir on the Itchen	New reservoir	Unconstrained
PRT_PRT_HI-RSR_RE1_ALL_lo fm wsr15mld	(R057) Lo Farm Winter Storage Reservoir - 15 Ml/d	New reservoir	Unconstrained
PRT_PRT_HI-RSR_RE1_ALL_lu fm wsr 18mld	(R056) Lu Farm Winter Storage Reservoir - 18 Ml/d	New reservoir	Unconstrained
PRT_PRT_HI-RSR_RE1_ALL_meon impound res	(R011) New impounding reservoir on the Meon	New reservoir	Unconstrained
PRT_PRT_HI-RSR_RE1_ALL_s fm res 20mld	(R019) S Farm 20 Ml/d	New reservoir	Unconstrained
PRT_PRT_HI-RSR_RE1_ALL_southleigh wsr 15mld	(R058) Southleigh Forest Winter Storage Reservoir - 15 Ml/d	New reservoir	Unconstrained
PRT_PRT_HI-RSR_RE1_ALL_testwood store 10mld	(R017) Testwood Lakes pumped storage 10 Ml/d	New reservoir	Unconstrained
PRT_PRT_HI-RSR_RE1_ALL_w'ton impound res	(R012) New impounding reservoir on the Wallington	New reservoir	Unconstrained
PRT_PRT_HI-TFR_RZ5_ALL_sew transfer 10mld	(R045) SEW P'fields-Clanfield 10MLD	External potable bulk supply/transfer	Unconstrained
PRT_PRT_HI-TFR_RZ5_ALL_sew transfer 20mld	(R046) SEW P'fields-Works A 20MLD	External potable bulk supply/transfer	Unconstrained
PRT_PWE_HI-TFR_TWJ_ALL_SRN Source D-havant r 200	Source D To Havant Thicket: 200Ml/d	External raw water bulk supply/transfer	Unconstrained
SEW_RZ1_BG-CAT_ALL_ALL_dmp15_rz1	Catchment Actions - Placeholder Option	Catchment management	Unconstrained
SEW_RZ1_BG-CAT_ALL_ALL_dmp19_rz1	Flood Risk Management options for water supply - Placeholder Option	Catchment management	Unconstrained
SEW_RZ1_EF-CRE_ALL_ALL_dmp11a_rz1	Cape Town 'day zero' communications - Placeholder Option	Water efficiency customer education / awareness	Unconstrained
SEW_RZ1_EF-CRE_ALL_ALL_dmp11b_rz1	Cape Town 'day zero' communications - Placeholder Option	Water efficiency customer education / awareness	Unconstrained
SEW_RZ1_EF-CRE_ALL_ALL_dmp12_rz1	Intensive drought schools / education campaign - Placeholder Option	Water efficiency customer education / awareness	Unconstrained
SEW_RZ1_EF-CRE_ALL_ALL_dmp14_rz1	Water use restricted between specified times - Placeholder Option	Water efficiency customer education / awareness	Unconstrained
SEW_RZ1_EF-LKR_ALL_ALL_dmp20_rz1	Pressure Management - Placeholder Option	Pressure management	Unconstrained
SEW_RZ1_EF-TFR_REP_ALL_aylesford_r_do	New Company Transfer:RZ6 to RZ1 Transfer - Aylesford to Blackhurst (4Ml/d)	Internal potable transfer	Unconstrained
SEW_RZ1_EF-TFR_REP_ALL_blackhurst_bd	New Company Transfer: RZ7 to RZ1 Transfer - Bewl to Blackhurst (4Ml/d) BD	Internal potable transfer	Unconstrained
SEW_RZ1_HI-DES_ALL_ALL_dmp10_rz1	Small desal units - Placeholder Option	Desalination	Unconstrained
SEW_RZ1_HI-GRW_ALL_ALL_egw-39	Hartlake - Improvements to source deterioration to maximise licence.	New groundwater	Unconstrained
SEW_RZ1_HI-GRW_ALL_ALL_egw-40	Kemsing - Additional BH to ease issues with WQ and maximise licence.	New groundwater	Unconstrained
SEW_RZ1_HI-GRW_ALL_ALL_egw-41	Cramptons Road 5th borehole - peak day resilience.	New groundwater	Unconstrained
SEW_RZ1_HI-GRW_ALL_ALL_egw-42	Pembury Springs - Variation of licence agreement.	New groundwater	Unconstrained
SEW_RZ1_HI-GRW_ALL_ALL_egw-5	Increase actual to licence at Tonbridge	New groundwater	Unconstrained
SEW_RZ1_HI-GRW_ALL_ALL_egw-6	Kemsing - Increase pumping capacity and sources optimisation	New groundwater	Unconstrained
SEW_RZ1_HI-GRW_ALL_ALL_egw-7	Hartlake Wells; Resize and optimisation of pumps to close licence	New groundwater	Unconstrained
SEW_RZ1_HI-GRW_ALL_ALL_egw-74	Pembury and Matfield Boreholes- Closing the gap, new borehole in Ashdown Beds(Re-clas	New groundwater	Unconstrained
SEW_RZ1_HI-GRW_ALL_ALL_egw-8	Tonbridge - New Wharf Rd PS – bridging the licence gap	New groundwater	Unconstrained
SEW_RZ1_HI-GRW_ALL_ALL_lic-2	EA licence No: 9/40/03/0203/A/GR	New groundwater	Unconstrained
SEW_RZ1_HI-GRW_ALL_ALL_ngw-29	Groundwater development at Brown Woods - Drought Option	New groundwater	Unconstrained
SEW_RZ1_HI-GRW_ALL_ALL_ngw-3	New sources Medway Gravels	New groundwater	Unconstrained
SEW_RZ1_HI-GRW_ALL_ALL_ngw-30	New Hastings licences: Lilley Farm	New groundwater	Unconstrained
SEW_RZ1_HI-GRW_ALL_ALL_ngw-34	Pembury and Matfield Boreholes- Closing the gap, new borehole in Ashdown Beds	New groundwater	Unconstrained
SEW_RZ1_HI-GRW_ALL_ALL_ngw-42	Tonbridge Gravels - Beyond the Licence	New groundwater	Unconstrained
SEW_RZ1_HI-OTH_ALL_ALL_con -4	Conjunctive Use of Surface Water & Groundwater - Upper Medway	Conjunctive use	Unconstrained
SEW_RZ1_HI-REU_ALL_ALL_dmp13_rz1	Tankering from effluent of sources that can operate with lower water quality - Placeholder	Water reuse	Unconstrained
SEW_RZ1_HI-ROC_ALL_ALL_dmp18_rz1	Floating Reservoir shade - Placeholder Option	Water treatment works capacity increase	Unconstrained
SEW_RZ1_HI-ROC_NET_ALL_dmp16_rz1	Network Changes - Placeholder Option	Trunk mains renewal/new	Unconstrained
SEW_RZ1_HI-ROC_NET_ALL_dmp17_rz1	Trades/transfers - Placeholder Option	Trunk mains renewal/new	Unconstrained
SEW_RZ1_HI-ROC_NET_ALL_zon-1	RZ1 Zonal Scheme - Scheme 12 - Blackhurst to Yew Tree Strategic Link (GR-RZ1-TW-7)	Trunk mains renewal/new	Unconstrained
SEW_RZ1_HI-TFR_RZ2_ALL_ctr-29	SEW RZ2 to RZ1 Transfer - Whitely Hill SR to Blackhurst SR (10Ml/d)	Internal potable transfer	Unconstrained
SEW_RZ1_HI-TFR_RZ2_ALL_ctr-30	SEW RZ2 to RZ1 Transfer - Whitely Hill SR to Blackhurst SR (10Ml/d - Duplicate)	Internal potable transfer	Unconstrained
SEW_RZ1_HI-TFR_RZ2_ALL_ctr-41	SEW RZ2 to RZ1 - Best Beech to Blackhurst (10Ml/d)	Internal potable transfer	Unconstrained
SEW_RZ1_RE-DRP_ALL_ALL_dmpchasewood	Drought permit - RZ1 - Chasewood - Minor Env Impact	Drought permits/orders	Unconstrained
SEW_RZ1_RE-TFR_CON_ALL_dmp9a_rz1	Potable Water Tankering (Road) - Placeholder Option	External raw water bulk supply/transfer	Unconstrained
SEW_RZ1_RE-TFR_CON_ALL_dmp9b_rz1	Potable Water Tankering (Sea) - Placeholder Option	International import	Unconstrained
SEW_RZ2_BG-CAT_ALL_ALL_dmp15_rz2	Catchment Actions - Placeholder Option	Catchment management	Unconstrained
SEW_RZ2_BG-CAT_ALL_ALL_dmp19_rz2	Flood Risk Management options for water supply - Placeholder Option	Catchment management	Unconstrained
SEW_RZ2_EF-CRE_ALL_ALL_dmp11a_rz2	Cape Town 'day zero' communications - Placeholder Option	Water efficiency customer education / awareness	Unconstrained
SEW_RZ2_EF-CRE_ALL_ALL_dmp11b_rz2	Cape Town 'day zero' communications - Placeholder Option	Water efficiency customer education / awareness	Unconstrained
SEW_RZ2_EF-CRE_ALL_ALL_dmp12_rz2	Intensive drought schools / education campaign - Placeholder Option	Water efficiency customer education / awareness	Unconstrained
SEW_RZ2_EF-CRE_ALL_ALL_dmp14_rz2	Water use restricted between specified times - Placeholder Option	Water efficiency customer education / awareness	Unconstrained
SEW_RZ2_EF-LKR_ALL_ALL_dmp20_rz2	Pressure Management - Placeholder Option	Pressure management	Unconstrained
SEW_RZ2_HI-DES_ALL_ALL_dmp10_rz2	Small desal units - Placeholder Option	Desalination	Unconstrained
SEW_RZ2_HI-DES_RE1_CNO_midsussex20ph1-con	Desalination at Newhaven (RZ2) - Mid Sussex (10Ml/d Option) Phase 1 Construction	Desalination	Unconstrained
SEW_RZ2_HI-DES_RE1_CNO_midsussex30ph1-con	Desalination at Newhaven (RZ2) - Mid Sussex (10Ml/d Option) Phase 1 Construction	Desalination	Unconstrained
SEW_RZ2_HI-DES_RE2_ALL_midsussex20ph2-con	Desalination at Newhaven (RZ2) - Mid Sussex (10Ml/d Option) Phase 2	Desalination	Unconstrained
SEW_RZ2_HI-DES_RE2_ALL_midsussex30ph2-con	Desalination at Newhaven (RZ2) - Mid Sussex (10Ml/d Option) Phase 2	Desalination	Unconstrained
SEW_RZ2_HI-DES_RE2_ALL_midsussex30ph3-con	Desalination at Newhaven (RZ2) - Mid Sussex (10Ml/d Option) Phase 3	Desalination	Unconstrained
SEW_RZ2_HI-GRW_ALL_ALL_egw-10	Stream augmentation at Balcombe	New groundwater	Unconstrained
SEW_RZ2_HI-GRW_ALL_ALL_egw-11	Increase DO to licence at Cow Wish	New groundwater	Unconstrained
SEW_RZ2_HI-GRW_ALL_ALL_egw-12	Holywell [Cockhaise] bridging the licence gap.	New groundwater	Unconstrained
SEW_RZ2_HI-GRW_ALL_ALL_egw-4	Sedlescombe Reinstatement	New groundwater	Unconstrained
SEW_RZ2_HI-GRW_ALL_ALL_egw-43	Saddlescombe - Outage resilience.	New groundwater	Unconstrained
SEW_RZ2_HI-GRW_ALL_ALL_egw-52	Poverty Bottom - Reinstatement of BH No.1.	New groundwater	Unconstrained
SEW_RZ2_HI-GRW_ALL_ALL_egw-56	New sources in Seaford Chalk	New groundwater	Unconstrained
SEW_RZ2_HI-GRW_ALL_ALL_egw-58	Additional borehole at Sharnden (Coggins Mill)	New groundwater	Unconstrained
SEW_RZ2_HI-GRW_ALL_ALL_egw-63	Cowbeech Ground Water - Transfer of Raw Water	New groundwater	Unconstrained
SEW_RZ2_HI-GRW_ALL_ALL_egw-75	Forest Row - closing the gap(Re-classified - replaces NGW-35)	New groundwater	Unconstrained
SEW_RZ2_HI-GRW_ALL_ALL_egw-9	Enhance sources at Balcombe - Drought Option	New groundwater	Unconstrained
SEW_RZ2_HI-GRW_ALL_ALL_lic-3	EA licence No: 10/41/261002	New groundwater	Unconstrained
SEW_RZ2_HI-GRW_ALL_ALL_ngw-35	Forest Row - closing the gap(Re-classified - superseded by EGW-75)	New groundwater	Unconstrained
SEW_RZ2_HI-GRW_ALL_ALL_ngw-4	New sources Lower Greensand	New groundwater	Unconstrained
SEW_RZ2_HI-GRW_ALL_ALL_ngw-41	New sources Underhill Chalk	New groundwater	Unconstrained
SEW_RZ2_HI-GRW_ALL_ALL_ngw-5	Pyecombe – wastewater discharge to ground – dilution – downstream groundwater abstra	New groundwater	Unconstrained
SEW_RZ2_HI-OTH_ALL_ALL_con -6	Conjunctive Use of Surface Water & Groundwater - River Adur	Conjunctive use	Unconstrained
SEW_RZ2_HI-OTH_ALL_ALL_csw-1	Septic tanks / cess pits discharges to Ardingly Reservoir	Conjunctive use	Unconstrained
SEW_RZ2_HI-RAB_ALL_ALL_adurardinglytransfer	Transfer Adur to Ardingly Reservoir	New surface water	Unconstrained
SEW_RZ2_HI-RAB_ALL_ALL_esw-1	Cockhaise Brook River Abstraction	New surface water	Unconstrained
SEW_RZ2_HI-RAB_ALL_ALL_nsw-10	Lower Ouse Drought Permit Option 3	New surface water	Unconstrained
SEW_RZ2_HI-RAB_ALL_ALL_nsw-11	Lower Ouse Drought Permit Option 4	New surface water	Unconstrained
SEW_RZ2_HI-RAB_ALL_ALL_nsw-12	Lower Ouse Drought Permit Option 5	New surface water	Unconstrained
SEW_RZ2_HI-RAB_ALL_ALL_nsw-13	Lower Ouse Drought Permit Option 6	New surface water	Unconstrained
SEW_RZ2_HI-RAB_ALL_ALL_nsw-2	Upper Ouse Drought Permit Option 1	New surface water	Unconstrained
SEW_RZ2_HI-RAB_ALL_ALL_nsw-3	Upper Ouse Drought Permit Option 2	New surface water	Unconstrained
SEW_RZ2_HI-RAB_ALL_ALL_nsw-4	Upper Ouse Drought Permit Option 3	New surface water	Unconstrained
SEW_RZ2_HI-RAB_ALL_ALL_nsw-5	Upper Ouse Drought Permit Option 4	New surface water	Unconstrained
SEW_RZ2_HI-RAB_ALL_ALL_nsw-6	Upper Ouse Drought Permit Option 5	New surface water	Unconstrained
SEW_RZ2_HI-RAB_ALL_ALL_nsw-7	Upper Ouse Drought Permit Option 6	New surface water	Unconstrained
SEW_RZ2_HI-RAB_ALL_ALL_nsw-8	Lower Ouse Drought Permit Option 1	New surface water	Unconstrained
SEW_RZ2_HI-RAB_ALL_ALL_nsw-9	Lower Ouse Drought Permit Option 2	New surface water	Unconstrained
SEW_RZ2_HI-REU_ALL_ALL_dmp13_rz2	Tankering from effluent of sources that can operate with lower water quality - Placeholder	Water reuse	Unconstrained
SEW_RZ2_HI-REU_ALL_ALL_eff-31	Effluent Reuse Crawley to River Ouse u/s of Ardingly	Water reuse	Unconstrained
SEW_RZ2_HI-REU_ALL_ALL_eff-34	Effluent reuse to River Ouse: source - Newhaven	Water reuse	Unconstrained
SEW_RZ2_HI-REU_ALL_ALL_eff-40	Effluent reuse to River Ouse: source – Peacehaven (75Ml/d Option)	Water reuse	Unconstrained
SEW_RZ2_HI-REU_ALL_CNO_peacehvn50ph1_con	Effluent reuse to River Ouse: source - Peacehaven (25Ml/d Option)- Ph1	Water reuse	Unconstrained

Option ID	Option Name	Option type	Option status
SEW_RZ2_HI-REU_RE2_ALL_peacehvn50ph2_con	Effluent reuse to River Ouse: source - Peacehaven (25Ml/d Option) - Ph2	Water reuse	Unconstrained
SEW_RZ2_HI-ROC_ALL_ALL_dmp18_rz2	Floating Reservoir shade - Placeholder Option	Water treatment works capacity increase	Unconstrained
SEW_RZ2_HI-ROC_ALL_ALL_whitelyhill_treatmnt	5Ml/d WTW Element of SES Outwood to Whitely Hill Bulk Supply option	Water treatment works capacity increase	Unconstrained
SEW_RZ2_HI-ROC_NET_ALL_dmp16_rz2	Network Changes - Placeholder Option	Trunk mains renewal/new	Unconstrained
SEW_RZ2_HI-ROC_NET_ALL_dmp17_rz2	Trades/transfers - Placeholder Option	Trunk mains renewal/new	Unconstrained
SEW_RZ2_HI-ROC_NET_ALL_zon-2	RZ2 Zonal Scheme - Grovelands & Selsfield Network Upgrade (GR-RZ2-HH-4)	Trunk mains renewal/new	Unconstrained
SEW_RZ2_HI-ROC_NET_ALL_zon-27	RZ2 Zonal Scheme - 1 km 200mm outlet main (in conjunction with GR-RZ2-PH-1)	Trunk mains renewal/new	Unconstrained
SEW_RZ2_HI-ROC_NET_ALL_zon-32	RZ2 Zonal Scheme - Connecting mains, length to be determined(Sadlescombe to ??)	Trunk mains renewal/new	Unconstrained
SEW_RZ2_HI-ROC_NET_ALL_zon-4	RZ2 Zonal Scheme - New FCV into Bullock Down SR (GR-RZ2-PH-1)	Trunk mains renewal/new	Unconstrained
SEW_RZ2_HI-ROC_WT2_ALL_wtw-12	Groombridge recovery of Process losses	Water treatment works capacity increase	Unconstrained
SEW_RZ2_HI-ROC_WT2_ALL_wtw-13	Shellbrook recovery of Process losses	Water treatment works capacity increase	Unconstrained
SEW_RZ2_HI-ROC_WT2_ALL_wtw-2	Shellbrook WTW - Increase Output	Water treatment works capacity increase	Unconstrained
SEW_RZ2_HI-ROC_WT2_ALL_wtw-25	Barcombe WTW- Recovery of Process losses	Water treatment works capacity increase	Unconstrained
SEW_RZ2_HI-ROC_WT2_ALL_wtw-3	Reinstatement of Hackenden WTW - Drought Option	Water treatment works capacity increase	Unconstrained
SEW_RZ2_HI-RSR_ALL_ALL_res-1	Removal of Silt/Sludge from Barcombe Reservoir	New reservoir	Unconstrained
SEW_RZ2_HI-RSR_ALL_ALL_res-11	Ashurst Reservoir	New reservoir	Unconstrained
SEW_RZ2_HI-RSR_ALL_ALL_res-12	Cowfold Reservoir	New reservoir	Unconstrained
SEW_RZ2_HI-RSR_ALL_ALL_res-13	Wivelsfield Reservoir	New reservoir	Unconstrained
SEW_RZ2_HI-RSR_ALL_ALL_res-15	Ouse Ashtongreen	New reservoir	Unconstrained
SEW_RZ2_HI-RSR_ALL_ALL_res-3	Raise Ardingly Reservoir	New reservoir	Unconstrained
SEW_RZ2_HI-RSR_ALL_ALL_res-4	Reinstatement of Whitely Hill Reservoir	New reservoir	Unconstrained
SEW_RZ2_HI-RSR_ALL_ALL_res-6	Withyham Reservoir, Medway catchment	New reservoir	Unconstrained
SEW_RZ2_HI-RSR_ALL_CNO_ardingly1425ml_con	Raise Ardingly Reservoir - 55.5mAOD - 1,425Ml - Construction Phase	New reservoir	Unconstrained
SEW_RZ2_HI-TFR_GUI_ALL_rtr-81	Transfer from Thames Water's GUI zone to SEW RZ2 - 10Ml/d	External potable bulk supply/transfer	Unconstrained
SEW_RZ2_HI-TFR_GUI_ALL_rtr-82	Transfer from Thames Water's GUI zone to SEW RZ2 - 20Ml/d	External potable bulk supply/transfer	Unconstrained
SEW_RZ2_HI-TFR_GUI_ALL_rtr-83	Transfer from Thames Water's GUI zone to SEW RZ2 - 25Ml/d	External potable bulk supply/transfer	Unconstrained
SEW_RZ2_HI-TFR_GUI_ALL_rtr-84	Transfer from Thames Water's GUI zone to SEW RZ2 - 15Ml/d	External potable bulk supply/transfer	Unconstrained
SEW_RZ2_HI-TFR_GUI_ALL_rtr-85	Transfer from Thames Water's GUI zone to SEW RZ2 - 20Ml/d	External potable bulk supply/transfer	Unconstrained
SEW_RZ2_HI-TFR_LON_ALL_rtr-68	TWU London to RZ1 via SESW	External potable bulk supply/transfer	Unconstrained
SEW_RZ2_HI-TFR_LON_ALL_rtr-69	TWU London to RZ2 via SESW to Ardingly or Weir Wood	External potable bulk supply/transfer	Unconstrained
SEW_RZ2_HI-TFR_RZ1_ALL_ctr-42	SEW RZ1 to RZ2 - Blackhurst to Best Beech (10Ml/d)	Internal potable transfer	Unconstrained
SEW_RZ2_HI-TFR_RZ2_ALL_ctr-2	Increase transfers from Shellbrook WTW	Internal potable transfer	Unconstrained
SEW_RZ2_HI-TFR_RZ4_ALL_ctr-32	SEW RZ4 to RZ2 Transfer - Surrey Hills SR to Whitely Hill SR (15Ml/d)	Internal potable transfer	Unconstrained
SEW_RZ2_HI-TFR_RZ4_ALL_ctr-38	SEW RZ4 to RZ2 Transfer - Surrey Hills SR to Whitely Hill SR (10Ml/d)	Internal potable transfer	Unconstrained
SEW_RZ2_HI-TFR_RZ7_ALL_ctr-15	SEW RZ7 to RZ2 Transfer - Bewl to Best Beech (5Ml/d - 1st Duplicate)	Internal potable transfer	Unconstrained
SEW_RZ2_HI-TFR_RZ7_ALL_ctr-16	SEW RZ7 to RZ2 Transfer - Bewl to Best Beech (5Ml/d - 2nd Duplicate)	Internal potable transfer	Unconstrained
SEW_RZ2_HI-TFR_SBZ_ALL_brighto-barcom p 100	Brighton to Barcombe: 100Ml/d	External potable bulk supply/transfer	Unconstrained
SEW_RZ2_HI-TFR_SBZ_ALL_brighto-barcom p 60	Brighton to Barcombe: 60Ml/d	External potable bulk supply/transfer	Unconstrained
SEW_RZ2_HI-TFR_SBZ_ALL_rtr-30	SWS to SEW RZ2 Transfer - Swan SR to Barcombe (4Ml/d)	External potable bulk supply/transfer	Unconstrained
SEW_RZ2_HI-TFR_SES_ALL_rtr-93	SESW to SEW RZ2 Transfer - Outwood SR to Whitely Hill SR (10Ml/d)	External potable bulk supply/transfer	Unconstrained
SEW_RZ2_HI-TFR_SNZ_ALL_hardham-cuckfi p 60	Hardham to Cuckfield: 60Ml/d	External potable bulk supply/transfer	Unconstrained
SEW_RZ2_HI-TFR_SNZ_ALL_hardham-cuckfi p 80	Hardham to Cuckfield: 80Ml/d	External potable bulk supply/transfer	Unconstrained
SEW_RZ2_HI-TFR_SNZ_ALL_rtr-25	SWS to SEW RZ2 Transfer - Stopham SR to Whitely Hill SR (5 Ml/d)	External potable bulk supply/transfer	Unconstrained
SEW_RZ2_HI-TFR_SNZ_ALL_rtr-28	SWS to SEW RZ2 Transfer - Stopham SR to Whitely Hill SR (5 Ml/d) - Duplicate	External potable bulk supply/transfer	Unconstrained
SEW_RZ2_HI-TFR_SNZ_ALL_turners-cuckfi p 100	Turners Hill to Cuckfield: 100Ml/d	External potable bulk supply/transfer	Unconstrained
SEW_RZ2_HI-TFR_SNZ_ALL_turners-cuckfi p 50	Turners Hill to Cuckfield: 50Ml/d	External potable bulk supply/transfer	Unconstrained
SEW_RZ2_HI-TFR_WWD_ALL_rtr-95	SWS Weirwood (Bulk Supply) to SEW - Resilience to outage	External potable bulk supply/transfer	Unconstrained
SEW_RZ2_RE-DRP_ALL_ALL_dmpbalcombe	Drought permit - RZ2 - Balcombe - Minor Env Impact	Drought permits/orders	Unconstrained
SEW_RZ2_RE-DRP_ALL_ALL_dmphackenden	Drought permit - RZ2 - Hackenden WTW - Minor Env Impact	Drought permits/orders	Unconstrained
SEW_RZ2_RE-TFR_CON_ALL_dmp9a_rz2	Potable Water Tankering (Road) - Placeholder Option	External raw water bulk supply/transfer	Unconstrained
SEW_RZ2_RE-TFR_CON_ALL_dmp9b_rz2	Potable Water Tankering (Sea) - Placeholder Option	International import	Unconstrained
SEW_RZ3_BG-CAT_ALL_ALL_dmp15_rz3	Catchment Actions - Placeholder Option	Catchment management	Unconstrained
SEW_RZ3_BG-CAT_ALL_ALL_dmp19_rz3	Flood Risk Management options for water supply - Placeholder Option	Catchment management	Unconstrained
SEW_RZ3_EF-CRE_ALL_ALL_dmp11a_rz3	Cape Town 'day zero' communications - Placeholder Option	Water efficiency customer education / awareness	Unconstrained
SEW_RZ3_EF-CRE_ALL_ALL_dmp11b_rz3	Cape Town 'day zero' communications - Placeholder Option	Water efficiency customer education / awareness	Unconstrained
SEW_RZ3_EF-CRE_ALL_ALL_dmp12_rz3	Intensive drought schools / education campaign - Placeholder Option	Water efficiency customer education / awareness	Unconstrained
SEW_RZ3_EF-CRE_ALL_ALL_dmp14_rz3	Water use restricted between specified times - Placeholder Option	Water efficiency customer education / awareness	Unconstrained
SEW_RZ3_EF-LKR_ALL_ALL_dmp20_rz3	Pressure Management - Placeholder Option	Pressure management	Unconstrained
SEW_RZ3_EF-TFR_REP_ALL_bewl_darwell_do	Continuation of BTA agreement for Bewl Darwell option	External potable bulk supply/transfer	Unconstrained
SEW_RZ3_HI-DES_ALL_ALL_dmp10_rz3	Small desal units - Placeholder Option	Desalination	Unconstrained
SEW_RZ3_HI-DES_RE1_CNO_bexhill-20ph1-con	Bexhill RO Desalination of seawater (10Ml/d Option) Phase 1 Construction	Desalination	Unconstrained
SEW_RZ3_HI-DES_RE1_CNO_bexhill-30ph1-con	Bexhill RO Desalination of seawater (10Ml/d Option) Phase 1 Construction	Desalination	Unconstrained
SEW_RZ3_HI-DES_RE1_CNO_eastbre-20ph1-con	Desalination at Newhaven (RZ3) - Eastbourne (10Ml/d Option) Construction Phase	Desalination	Unconstrained
SEW_RZ3_HI-DES_RE1_CNO_eastbrn-30ph1-con	Desalination at Newhaven (RZ3) - Eastbourne (10Ml/d Option) Phase 1 Construction	Desalination	Unconstrained
SEW_RZ3_HI-DES_RE2_ALL_bexhill-20ph2-con	Bexhill RO Desalination of seawater (10Ml/d Option) Phase 2	Desalination	Unconstrained
SEW_RZ3_HI-DES_RE2_ALL_bexhill-30ph2-con	Bexhill RO Desalination of seawater (10Ml/d Option) Phase 2	Desalination	Unconstrained
SEW_RZ3_HI-DES_RE2_ALL_bexhill-30ph3-con	Bexhill RO Desalination of seawater (10Ml/d Option) Phase 3	Desalination	Unconstrained
SEW_RZ3_HI-DES_RE2_ALL_eastbre-20ph2-con	Desalination at Newhaven (RZ3) - Eastbourne (10Ml/d Option) Construction Phase	Desalination	Unconstrained
SEW_RZ3_HI-DES_RE2_ALL_eastbrn-30ph2-con	Desalination at Newhaven (RZ3) - Eastbourne (10Ml/d Option) Phase 2 Construction	Desalination	Unconstrained
SEW_RZ3_HI-DES_RE2_ALL_eastbrn-30ph3-con	Desalination at Newhaven (RZ3) - Eastbourne (10Ml/d Option) Phase 3 Construction	Desalination	Unconstrained
SEW_RZ3_HI-GRW_ALL_ALL_egw-13	Birling Farm treatment capacity to bridge the licence gap	New groundwater	Unconstrained
SEW_RZ3_HI-GRW_ALL_ALL_egw-14	Holywell [Eastbourne] bridging the gap	New groundwater	Unconstrained
SEW_RZ3_HI-GRW_ALL_ALL_egw-15	Cornish bridging the licence gap	New groundwater	Unconstrained
SEW_RZ3_HI-GRW_ALL_ALL_egw-38	Etchingham - New borehole to provide resilience.	New groundwater	Unconstrained
SEW_RZ3_HI-GRW_ALL_ALL_egw-44	Hazards Green Groundwater - Additional BH to close licence gap.	New groundwater	Unconstrained
SEW_RZ3_HI-GRW_ALL_ALL_egw-45	Powdermill - Additional BH to close licence gap.	New groundwater	Unconstrained
SEW_RZ3_HI-GRW_ALL_ALL_egw-46	Holywell (Eastbourne) - Improvements to reduce outage.	New groundwater	Unconstrained
SEW_RZ3_HI-GRW_ALL_ALL_egw-47	Deep Dean - Improve resilience to operate above average D.O.	New groundwater	Unconstrained
SEW_RZ3_HI-GRW_ALL_ALL_egw-48	Deep Dean - Improvements to reduce outage.	New groundwater	Unconstrained
SEW_RZ3_HI-GRW_ALL_ALL_egw-54	Cowbeech groundwater - New biological treatment	New groundwater	Unconstrained
SEW_RZ3_HI-GRW_ALL_ALL_egw-55	Increase DO at Crowhurst Bridge	New groundwater	Unconstrained
SEW_RZ3_HI-GRW_ALL_ALL_egw-59	Powder Mill - Beyond licence	New groundwater	Unconstrained
SEW_RZ3_HI-GRW_ALL_ALL_egw-64	Hazards Green Augmentation BH's - Option 1.	New groundwater	Unconstrained
SEW_RZ3_HI-GRW_ALL_ALL_egw-65	Hazards Green Augmentation BH's - Option 2	New groundwater	Unconstrained
SEW_RZ3_HI-GRW_ALL_ALL_egw-66	Hazards Green Augmentation BH's - Option 3.	New groundwater	Unconstrained
SEW_RZ3_HI-GRW_ALL_ALL_egw-67	Hazards Green Augmentation BH's - Option 4.	New groundwater	Unconstrained
SEW_RZ3_HI-GRW_ALL_ALL_egw-68	Hazards Green Augmentation BH's - Option 5.	New groundwater	Unconstrained
SEW_RZ3_HI-GRW_ALL_ALL_egw-69	Hazards Green Augmentation BH's - Option 6.	New groundwater	Unconstrained
SEW_RZ3_HI-GRW_ALL_ALL_egw-70	Hazards Green Augmentation BH's - Option 7.	New groundwater	Unconstrained
SEW_RZ3_HI-GRW_ALL_ALL_egw-72	Redistribution of Eastbourne chalk: Abstract water from the historical adit(Re-classified - r	New groundwater	Unconstrained
SEW_RZ3_HI-GRW_ALL_ALL_egw-73	New sources in Eastbourne Chalk(Re-classified - replaces NGW-31)	New groundwater	Unconstrained
SEW_RZ3_HI-GRW_ALL_ALL_lic-4	EA licence No: 21/126	New groundwater	Unconstrained
SEW_RZ3_HI-GRW_ALL_ALL_ngw-31	New sources in Eastbourne Chalk	New groundwater	Unconstrained
SEW_RZ3_HI-GRW_ALL_ALL_ngw-33	Redistribution of Eastbourne chalk: Abstract water from the historical adit	New groundwater	Unconstrained
SEW_RZ3_HI-GRW_ALL_ALL_ngw-6	Re-licence Sedlescombe - Drought Option	New groundwater	Unconstrained
SEW_RZ3_HI-GRW_ALL_ALL_ngw-7	Beachy Head under sea springs	New groundwater	Unconstrained
SEW_RZ3_HI-OTH_ALL_ALL_con -8	Conjunctive Use of Surface Water & Groundwater - Wallers Haven	Conjunctive use	Unconstrained
SEW_RZ3_HI-OTH_ALL_ALL_csw-2	Arlington Reservoir - Resilience to WQ risks.	Conjunctive use	Unconstrained
SEW_RZ3_HI-RAB_ALL_ALL_esw-2	Hazards Green - Increasing Abstraction and Resilience at Wallers Haven	New surface water	Unconstrained
SEW_RZ3_HI-RAB_ALL_ALL_nsw-14	River Cuckmere Drought Permit Option 1	New surface water	Unconstrained
SEW_RZ3_HI-REU_ALL_ALL_dmp13_rz3	Tankering from effluent of sources that can operate with lower water quality - Placeholde	Water reuse	Unconstrained
SEW_RZ3_HI-REU_ALL_ALL_eff-24	Effluent reuse to River Cuckmere: source – Peacehaven	Water reuse	Unconstrained
SEW_RZ3_HI-REU_ALL_ALL_eff-4	Effluent reuse to Cuckmere River : source - Newhaven	Water reuse	Unconstrained
SEW_RZ3_HI-ROC_ALL_ALL_bewltransfer_8mld	Bewl-Darwell Option 1c: Transfer of 8Ml/d from Bewl to Hazards Green via a Southern Rou	Water treatment works capacity increase	Unconstrained
SEW_RZ3_HI-ROC_ALL_ALL_dmp18_rz3	Floating Reservoir shade - Placeholder Option	Water treatment works capacity increase	Unconstrained
SEW_RZ3_HI-ROC_NET_ALL_arlington_main	RZ3 Zonal Scheme - [RES-24/RES-25/RES-30/EFF-25] - Arlington to Windover Transfer (GR-I	Trunk mains renewal/new	Unconstrained
SEW_RZ3_HI-ROC_NET_ALL_arlington_zonal	RZ3 Zonal Scheme - [RES-24/RES-25/RES-30] - Arlington to Folkington Reservoir Reinforcen	Trunk mains renewal/new	Unconstrained
SEW_RZ3_HI-ROC_NET_ALL_dmp16_rz3	Network Changes - Placeholder Option	Trunk mains renewal/new	Unconstrained

Option ID	Option Name	Option type	Option status
SEW_RZ3_HI-ROC_NET_ALL_dmp17_rz3	Trades/transfers - Placeholder Option	Trunk mains renewal/new	Unconstrained
SEW_RZ3_HI-ROC_NET_ALL_staplecrosszonal	RZ3 Zonal Scheme - [LIC-36] - Staplecross Reservoir Outlet Reinforcement (GR-RZ3-BH-8)	Trunk mains renewal/new	Unconstrained
SEW_RZ3_HI-ROC_NET_ALL_zon-10	RZ3 Zonal Scheme - Meads to Mill Gap 1 Reinforcement (GR-RZ3-EB-10)	Trunk mains renewal/new	Unconstrained
SEW_RZ3_HI-ROC_NET_ALL_zon-31	RZ3 Zonal Scheme - Connecting mains tranfer to Windover if possible	Trunk mains renewal/new	Unconstrained
SEW_RZ3_HI-ROC_NET_ALL_zon-5	RZ3 Zonal Scheme - Powdermill Booster Outlet Reinforcement (GR-RZ3-BH-14)	Trunk mains renewal/new	Unconstrained
SEW_RZ3_HI-ROC_NET_ALL_zon-9	RZ3 Zonal Scheme - Cornish to Friston Transfer (GR-RZ3-EB-1)	Trunk mains renewal/new	Unconstrained
SEW_RZ3_HI-ROC_WT2_ALL_wtw-14	Hazards Green recovery of Process losses	Water treatment works capacity increase	Unconstrained
SEW_RZ3_HI-ROC_WT2_ALL_wtw-18	Arlington recovery of Process losses	Water treatment works capacity increase	Unconstrained
SEW_RZ3_HI-ROC_WT2_ALL_wtw-26	Birling Farm treatment capacity to bridge the licence gapReplacement of option EGW 13	Water treatment works capacity increase	Unconstrained
SEW_RZ3_HI-ROC_WT2_ALL_wtw-28	Deep Dean - Improve resilience to operate above average D.O.Replacement of option EGW	Water treatment works capacity increase	Unconstrained
SEW_RZ3_HI-ROC_WT2_ALL_wtw-30	Bewl-Darwell Option 7a: A new WTW at Bewl Bridge and supply of treated water to SEW a	Water treatment works capacity increase	Unconstrained
SEW_RZ3_HI-ROC_WT2_ALL_wtw-5	Crowhurst WTW recovery of process losses	Water treatment works capacity increase	Unconstrained
SEW_RZ3_HI-RSR_ALL_ALL_res-10	Hugletts Stream Reservoir, Wallers Haven	New reservoir	Unconstrained
SEW_RZ3_HI-RSR_ALL_ALL_res-16	Ouse Chalvington	New reservoir	Unconstrained
SEW_RZ3_HI-RSR_ALL_ALL_res-17	Ouse Laughton2	New reservoir	Unconstrained
SEW_RZ3_HI-RSR_ALL_ALL_res-18	Rother N2 - Impounding Reservoir	New reservoir	Unconstrained
SEW_RZ3_HI-RSR_ALL_ALL_res-21	Moorhall Reservoir	New reservoir	Unconstrained
SEW_RZ3_HI-RSR_ALL_ALL_res-7	Bunded Reservoir 10Ml/d	New reservoir	Unconstrained
SEW_RZ3_HI-RSR_ALL_ALL_res-8	Bunded Reservoir 5Ml/d	New reservoir	Unconstrained
SEW_RZ3_HI-RSR_ALL_ALL_res-9	Nunningham Stream Reservoir, Wallers Haven	New reservoir	Unconstrained
SEW_RZ3_HI-RSR_ALL_CNO_arlington960ml_con	Raise Arlington Reservoir, R. Cuckmere - 19.4mAOD - 960Ml	New reservoir	Unconstrained
SEW_RZ3_HI-TFR_KMW_ALL_rtr-29	Darwell to Eastbourne (Folkington Service Reservoir) Transfer - 13 Ml/d	External potable bulk supply/transfer	Unconstrained
SEW_RZ3_HI-TFR_KMW_ALL_rtr-37	Darwell Reservoir to Arlington SR - 8 Ml/d	External potable bulk supply/transfer	Unconstrained
SEW_RZ3_HI-TFR_KMW_ALL_rtr-96	SWS Darwell (Bulk Supply) to SEW - Resilience to WQ Risk	External potable bulk supply/transfer	Unconstrained
SEW_RZ3_RE-TFR_CON_ALL_dmp9a_rz3	Potable Water Tankering (Road) - Placeholder Option	External raw water bulk supply/transfer	Unconstrained
SEW_RZ3_RE-TFR_CON_ALL_dmp9b_rz3	Potable Water Tankering (Sea) - Placeholder Option	International import	Unconstrained
SEW_RZ4_BG-CAT_ALL_ALL_dmp15_rz4	Catchment Actions - Placeholder Option	Catchment management	Unconstrained
SEW_RZ4_BG-CAT_ALL_ALL_dmp19_rz4	Flood Risk Management options for water supply - Placeholder Option	Catchment management	Unconstrained
SEW_RZ4_EF-CRE_ALL_ALL_dmp11a_rz4	Cape Town 'day zero' communications - Placeholder Option	Water efficiency customer education / awareness	Unconstrained
SEW_RZ4_EF-CRE_ALL_ALL_dmp11b_rz4	Cape Town 'day zero' communications - Placeholder Option	Water efficiency customer education / awareness	Unconstrained
SEW_RZ4_EF-CRE_ALL_ALL_dmp12_rz4	Intensive drought schools / education campaign - Placeholder Option	Water efficiency customer education / awareness	Unconstrained
SEW_RZ4_EF-CRE_ALL_ALL_dmp14_rz4	Water use restricted between specified times - Placeholder Option	Water efficiency customer education / awareness	Unconstrained
SEW_RZ4_EF-LKR_ALL_ALL_dmp20_rz4	Pressure Management - Placeholder Option	Pressure management	Unconstrained
SEW_RZ4_HI-DES_ALL_ALL_dmp10_rz4	Small desal units - Placeholder Option	Desalination	Unconstrained
SEW_RZ4_HI-GRW_ALL_ALL_alton_licence	Groundwater Licence Trade - Coors Brewery, Alton	New groundwater	Unconstrained
SEW_RZ4_HI-GRW_ALL_ALL_asr-1	ASR Chalk Unconfined (Alton)	Aquifer recharge/Aquifer storage recovery	Unconstrained
SEW_RZ4_HI-GRW_ALL_ALL_egw-16	Beenhams WTW - Confined Chalk - closing the gap	New groundwater	Unconstrained
SEW_RZ4_HI-GRW_ALL_ALL_egw-17	Boxalls Lane Chalk - Peak	New groundwater	Unconstrained
SEW_RZ4_HI-GRW_ALL_ALL_egw-18	West Ham/West Ham Park - Increase DO to Aggregate Licence	New groundwater	Unconstrained
SEW_RZ4_HI-GRW_ALL_ALL_egw-19	College Avenue	New groundwater	Unconstrained
SEW_RZ4_HI-GRW_ALL_ALL_egw-2	West Ham (WH)/West Ham Park (WHP) - Increase Licence	New groundwater	Unconstrained
SEW_RZ4_HI-GRW_ALL_ALL_egw-20	White Waltham - third borehole	New groundwater	Unconstrained
SEW_RZ4_HI-GRW_ALL_ALL_egw-21	Tongham bridging the licence gap	New groundwater	Unconstrained
SEW_RZ4_HI-GRW_ALL_ALL_egw-53	Hurley - Closing the Gap	New groundwater	Unconstrained
SEW_RZ4_HI-GRW_ALL_ALL_egw-57	Boxalls Lane LGS - Closing the Gap	New groundwater	Unconstrained
SEW_RZ4_HI-GRW_ALL_ALL_egw-60	West Ham/West Ham Park - Increase DO to Aggregate Licence	New groundwater	Unconstrained
SEW_RZ4_HI-GRW_ALL_ALL_egw-61	Woodgarston - Beyond Licence	New groundwater	Unconstrained
SEW_RZ4_HI-GRW_ALL_ALL_egw-62	Itchel - Closing the gap	New groundwater	Unconstrained
SEW_RZ4_HI-GRW_ALL_ALL_egw-71	Woodgarston Closing the Gap(Re-classified - replaces NGW-8)	New groundwater	Unconstrained
SEW_RZ4_HI-GRW_ALL_ALL_lic-10	EA licence No: 28/39/22/0117	New groundwater	Unconstrained
SEW_RZ4_HI-GRW_ALL_ALL_lic-11	EA licence No: 28/39/23/0124	New groundwater	Unconstrained
SEW_RZ4_HI-GRW_ALL_ALL_lic-12	EA licence No: 28/39/25/0072	New groundwater	Unconstrained
SEW_RZ4_HI-GRW_ALL_ALL_lic-13	EA licence No: 28/39/26/0122	New groundwater	Unconstrained
SEW_RZ4_HI-GRW_ALL_ALL_lic-14	EA licence No: 11/42/22.3/150	New groundwater	Unconstrained
SEW_RZ4_HI-GRW_ALL_ALL_lic-5	EA licence No: 28/39/27/0131	New groundwater	Unconstrained
SEW_RZ4_HI-GRW_ALL_ALL_lic-6	EA licence No: 28/39/22/0498	New groundwater	Unconstrained
SEW_RZ4_HI-GRW_ALL_ALL_lic-7	EA licence No: 28/39/23/0018	New groundwater	Unconstrained
SEW_RZ4_HI-GRW_ALL_ALL_lic-8	EA licence No: 28/39/23/0183	New groundwater	Unconstrained
SEW_RZ4_HI-GRW_ALL_ALL_lic-9	EA licence No: 28/39/23/0011	New groundwater	Unconstrained
SEW_RZ4_HI-GRW_ALL_ALL_ngw-10	Oakley – wastewater discharge to ground – dilution – downstream groundwater abstractio	New groundwater	Unconstrained
SEW_RZ4_HI-GRW_ALL_ALL_ngw-11	North Waltham – wastewater discharge to ground – dilution – downstream groundwater a	New groundwater	Unconstrained
SEW_RZ4_HI-GRW_ALL_ALL_ngw-12	Overton – wastewater discharge to ground – dilution – downstream groundwater abstract	New groundwater	Unconstrained
SEW_RZ4_HI-GRW_ALL_ALL_ngw-36	River Thames Gravels - around Bray Gravel	New groundwater	Unconstrained
SEW_RZ4_HI-GRW_ALL_ALL_ngw-8	Woodgarston Closing the Gap(Re-classified - superseded by EGW-71)	New groundwater	Unconstrained
SEW_RZ4_HI-GRW_ALL_ALL_ngw-9	Increased groundwater abstraction at West Ham park, by discharging effluent to river Lod	New groundwater	Unconstrained
SEW_RZ4_HI-OTH_ALL_ALL_cgw-4	Targeted catchment management interventions in the Woodgarston area (Nitrates)	Conjunctive use	Unconstrained
SEW_RZ4_HI-OTH_ALL_ALL_con -1	Conjunctive Use of Surface Water & Groundwater - Upper Loddon	Conjunctive use	Unconstrained
SEW_RZ4_HI-OTH_ALL_ALL_con -2	Conjunctive Use of Surface Water & Groundwater - Whitewater	Conjunctive use	Unconstrained
SEW_RZ4_HI-REU_ALL_ALL_dmp13_rz4	Tankering from effluent of sources that can operate with lower water quality - Placeholde	Water reuse	Unconstrained
SEW_RZ4_HI-ROC_ALL_ALL_dmp18_rz4	Floating Reservoir shade - Placeholder Option	Water treatment works capacity increase	Unconstrained
SEW_RZ4_HI-ROC_NET_ALL_dmp16_rz4	Network Changes - Placeholder Option	Trunk mains renewal/new	Unconstrained
SEW_RZ4_HI-ROC_NET_ALL_dmp17_rz4	Trades/transfers - Placeholder Option	Trunk mains renewal/new	Unconstrained
SEW_RZ4_HI-ROC_NET_ALL_t2s (cu-whited p 20	New Bulk Supply: TWU to RZ4 - T2S (Culham) spur to Whitedown (20Ml/d)	Trunk mains renewal/new	Unconstrained
SEW_RZ4_HI-ROC_NET_ALL_zon-14	RZ4 Zonal Scheme - Cliddesden Reservoir upgrade (GR-RZ4-BS-7)	Trunk mains renewal/new	Unconstrained
SEW_RZ4_HI-ROC_NET_ALL_zon-15	RZ4 Zonal Scheme - Fleet to Ewshott SR mains reinforcement (GR-RZ4-FB-1)	Trunk mains renewal/new	Unconstrained
SEW_RZ4_HI-ROC_NET_ALL_zon-16	RZ4 Zonal Scheme - Fleet to Ewshott SR mains reinforcement (GR-RZ4-FB-2)	Trunk mains renewal/new	Unconstrained
SEW_RZ4_HI-ROC_NET_ALL_zon-34	RZ4 Zonal Scheme - Depending on volumes in Conj with KeleherCheck with HW if any scop	Trunk mains renewal/new	Unconstrained
SEW_RZ4_HI-ROC_NET_ALL_zon-36	RZ6 Zonal Scheme - {In addition to} Upsize GR-RZ4-FB-1,GR-RZ4-FB-2 and 5km of c400mm	Trunk mains renewal/new	Unconstrained
SEW_RZ4_HI-ROC_WT2_ALL_wtw-10	West Ham Group recovery of Process losses	Water treatment works capacity increase	Unconstrained
SEW_RZ4_HI-ROC_WT2_ALL_wtw-15	Boxalls Lane and Tongham Group recovery of Process losses	Water treatment works capacity increase	Unconstrained
SEW_RZ4_HI-ROC_WT2_ALL_wtw-16	Cookham recovery of Process losses	Water treatment works capacity increase	Unconstrained
SEW_RZ4_HI-ROC_WT2_ALL_wtw-19	Keleher (Bray) WTW further Expansion	Water treatment works capacity increase	Unconstrained
SEW_RZ4_HI-ROC_WT2_ALL_wtw-21	Bray WTW extension	Water treatment works capacity increase	Unconstrained
SEW_RZ4_HI-ROC_WT2_ALL_wtw-6	Bray (Kellher) WTW recovery of process losses	Water treatment works capacity increase	Unconstrained
SEW_RZ4_HI-ROC_WT2_ALL_wtw-8	Beenhams Heath, Hurley and White Waltham Group	Water treatment works capacity increase	Unconstrained
SEW_RZ4_HI-ROC_WT2_ALL_wtw-9	Bray WTW Gravels recovery of process losses	Water treatment works capacity increase	Unconstrained
SEW_RZ4_HI-RSR_ALL_ALL_res-5	Beech Hill - Loddon & Blackwater	New reservoir	Unconstrained
SEW_RZ4_HI-TFR_AZ6_ALL_rtr-8	AFF to SEW RZ4 Transfer - Egham WTW to Surrey Hills SR (10Ml/d)	External potable bulk supply/transfer	Unconstrained
SEW_RZ4_HI-TFR_AZ6_ALL_rtr-9	AFF to SEW RZ4 Transfer - Egham WTW to Surrey Hills SR (20Ml/d)	External potable bulk supply/transfer	Unconstrained
SEW_RZ4_HI-TFR_GUI_ALL_rtr-65	TWU Guildford to RZ4	External potable bulk supply/transfer	Unconstrained
SEW_RZ4_HI-TFR_GUI_ALL_rtr-70	Transfers from Thames Water's GUI zone to SEW RZ4 - 25Ml/d	External potable bulk supply/transfer	Unconstrained
SEW_RZ4_HI-TFR_GUI_ALL_rtr-71	Transfers from Thames Water's GUI zone to SEW RZ4 - 20Ml/d	External potable bulk supply/transfer	Unconstrained
SEW_RZ4_HI-TFR_GUI_ALL_rtr-76	TWU to SEW RZ4 Transfer - Windsor to Surrey Hills (5Ml/d)	External potable bulk supply/transfer	Unconstrained
SEW_RZ4_HI-TFR_GUI_ALL_rtr-77	TWU to SEW RZ4 Transfer - Windsor to Surrey Hills (10Ml/d)	External potable bulk supply/transfer	Unconstrained
SEW_RZ4_HI-TFR_HEN_ALL_rtr-74	TWU Henley transfers to SEW RZ4 - 5Ml/d	External potable bulk supply/transfer	Unconstrained
SEW_RZ4_HI-TFR_HEN_ALL_rtr-75	TWU Henley transfers to SEW RZ4 - 10Ml/d	External potable bulk supply/transfer	Unconstrained
SEW_RZ4_HI-TFR_KVZ_ALL_rtr-100	TWU Kennet transfers to SEW RZ4 - 10 Ml/d	External potable bulk supply/transfer	Unconstrained
SEW_RZ4_HI-TFR_KVZ_ALL_rtr-99	TWU Kennet transfers to SEW RZ4 - 5 Ml/d	External potable bulk supply/transfer	Unconstrained
SEW_RZ4_HI-TFR_RZ2_ALL_ctr-31	SEW RZ2 to RZ4 Transfer - Whitely Hill SR to Surrey Hill SR (15Ml/d)	Internal potable transfer	Unconstrained
SEW_RZ4_RE-TFR_CON_ALL_dmp9a_rz4	Potable Water Tankering (Road) - Placeholder Option	External raw water bulk supply/transfer	Unconstrained
SEW_RZ4_RE-TFR_CON_ALL_dmp9b_rz4	Potable Water Tankering (Sea) - Placeholder Option	International import	Unconstrained
SEW_RZ5_BG-CAT_ALL_ALL_dmp15_rz5	Catchment Actions - Placeholder Option	Catchment management	Unconstrained
SEW_RZ5_BG-CAT_ALL_ALL_dmp19_rz5	Flood Risk Management options for water supply - Placeholder Option	Catchment management	Unconstrained
SEW_RZ5_EF-CRE_ALL_ALL_dmp11a_rz5	Cape Town 'day zero' communications - Placeholder Option	Water efficiency customer education / awareness	Unconstrained
SEW_RZ5_EF-CRE_ALL_ALL_dmp11b_rz5	Cape Town 'day zero' communications - Placeholder Option	Water efficiency customer education / awareness	Unconstrained
SEW_RZ5_EF-CRE_ALL_ALL_dmp12_rz5	Intensive drought schools / education campaign - Placeholder Option	Water efficiency customer education / awareness	Unconstrained
SEW_RZ5_EF-CRE_ALL_ALL_dmp14_rz5	Water use restricted between specified times - Placeholder Option	Water efficiency customer education / awareness	Unconstrained
SEW_RZ5_EF-LKR_ALL_ALL_dmp20_rz5	Pressure Management - Placeholder Option	Pressure management	Unconstrained

Option ID	Option Name	Option type	Option status
SEW_RZ5_HI-DES_ALL_ALL_dmp10_rz5	Small desal units - Placeholder Option	Desalination	Unconstrained
SEW_RZ5_HI-GRW_ALL_ALL_asr-3	ASR LGS Confined	Aquifer recharge/Aquifer storage recovery	Unconstrained
SEW_RZ5_HI-GRW_ALL_ALL_egw-22	Hawkley Closing the Gap	New groundwater	Unconstrained
SEW_RZ5_HI-GRW_ALL_ALL_egw-23	Britty Hill Closing the Gap	New groundwater	Unconstrained
SEW_RZ5_HI-GRW_ALL_ALL_egw-24	Headley Park Closing Gap on Peak	New groundwater	Unconstrained
SEW_RZ5_HI-GRW_ALL_ALL_egw-25	Hindhead Closing the Gap	New groundwater	Unconstrained
SEW_RZ5_HI-GRW_ALL_ALL_egw-26	Tilford Wellesley Road	New groundwater	Unconstrained
SEW_RZ5_HI-GRW_ALL_ALL_egw-27	Oakhanger	New groundwater	Unconstrained
SEW_RZ5_HI-GRW_ALL_ALL_egw-49	Hindhead - Licence Transfer	New groundwater	Unconstrained
SEW_RZ5_HI-GRW_ALL_ALL_egw-50	East Meon - Improve resilience to water availability.	New groundwater	Unconstrained
SEW_RZ5_HI-GRW_ALL_ALL_lic-1	MoD Bordon Garisson Boreholes	New groundwater	Unconstrained
SEW_RZ5_HI-GRW_ALL_ALL_lic-15	EA licence No: 32/070	New groundwater	Unconstrained
SEW_RZ5_HI-GRW_ALL_ALL_ngw-13	Hythe Beds Confined Oakhanger Infrastructure Improvement	New groundwater	Unconstrained
SEW_RZ5_HI-GRW_ALL_ALL_ngw-14	Weysprings Restoration with River Augmentation	New groundwater	Unconstrained
SEW_RZ5_HI-GRW_ALL_ALL_ngw-15	West Marden – wastewater discharge to ground – dilution – downstream groundwater ab	New groundwater	Unconstrained
SEW_RZ5_HI-GRW_ALL_ALL_ngw-16	New Alresford – wastewater discharge to ground – dilution – downstream groundwater at	New groundwater	Unconstrained
SEW_RZ5_HI-GRW_ALL_ALL_ngw-17	Liss – wastewater discharge to ground – dilution – downstream groundwater abstraction	New groundwater	Unconstrained
SEW_RZ5_HI-GRW_ALL_ALL_ngw-43	Oakhanger-Oaklands-Southlands - Drought Option	New groundwater	Unconstrained
SEW_RZ5_HI-OTH_ALL_ALL_con -11	Conjunctive Use of Surface Water & Groundwater - River Wey	Conjunctive use	Unconstrained
SEW_RZ5_HI-OTH_ALL_ALL_con -3	Conjunctive Use of Surface Water & Groundwater - Arun (Rother)	Conjunctive use	Unconstrained
SEW_RZ5_HI-REU_ALL_ALL_dmp13_rz5	Tankering from effluent of sources that can operate with lower water quality - Placeholder	Water reuse	Unconstrained
SEW_RZ5_HI-ROC_ALL_ALL_dmp18_rz5	Floating Reservoir shade - Placeholder Option	Water treatment works capacity increase	Unconstrained
SEW_RZ5_HI-ROC_NET_ALL_dmp16_rz5	Network Changes - Placeholder Option	Trunk mains renewal/new	Unconstrained
SEW_RZ5_HI-ROC_NET_ALL_dmp17_rz5	Trades/transfers - Placeholder Option	Trunk mains renewal/new	Unconstrained
SEW_RZ5_HI-ROC_NET_ALL_zon-17	RZ5 Zonal Scheme - Polecat Hindhead DMA mains reinforcement (GR-RZ5-626-10)	Trunk mains renewal/new	Unconstrained
SEW_RZ5_HI-TFR_GUI_ALL_rtr-67	TWU Guildford to RZ5 (Haslemere to Hindhead)	External potable bulk supply/transfer	Unconstrained
SEW_RZ5_HI-TFR_PRT_ALL_farling-tilmor p 100	Farlington WTW to Tilmore SR: 100MI/d	External potable bulk supply/transfer	Unconstrained
SEW_RZ5_HI-TFR_PRT_ALL_farling-tilmor p 150	Farlington WTW to Tilmore SR: 150MI/d	External potable bulk supply/transfer	Unconstrained
SEW_RZ5_HI-TFR_PRT_ALL_farling-tilmor p 200	Farlington WTW to Tilmore SR: 200MI/d	External potable bulk supply/transfer	Unconstrained
SEW_RZ5_HI-TFR_PRT_ALL_rtr-17	PRT to SEW RZ5 Transfer - Farlington WTW to Tilmore SR (10 MI/d)	External potable bulk supply/transfer	Unconstrained
SEW_RZ5_HI-TFR_RZ4_ALL_ctr-34	SEW RZ4 to RZ5 Transfer - Surrey Hills SR to Ewshot SR (23MI/d - Duplicate)	Internal potable transfer	Unconstrained
SEW_RZ5_RE-DRP_ALL_ALL_dmpoakhanger	Drought permit - RZ5 - Oakhanger-Oaklands-Southlands - Minor Env Impact	Drought permits/orders	Unconstrained
SEW_RZ5_RE-TFR_CON_ALL_dmp9a_rz5	Potable Water Tankering (Road) - Placeholder Option	External raw water bulk supply/transfer	Unconstrained
SEW_RZ5_RE-TFR_CON_ALL_dmp9b_rz5	Potable Water Tankering (Sea) - Placeholder Option	International import	Unconstrained
SEW_RZ6_BG-CAT_ALL_ALL_dmp15_rz6	Catchment Actions - Placeholder Option	Catchment management	Unconstrained
SEW_RZ6_BG-CAT_ALL_ALL_dmp19_rz6	Flood Risk Management options for water supply - Placeholder Option	Catchment management	Unconstrained
SEW_RZ6_EF-CRE_ALL_ALL_dmp11a_rz6	Cape Town 'day zero' communications - Placeholder Option	Water efficiency customer education / awareness	Unconstrained
SEW_RZ6_EF-CRE_ALL_ALL_dmp11b_rz6	Cape Town 'day zero' communications - Placeholder Option	Water efficiency customer education / awareness	Unconstrained
SEW_RZ6_EF-CRE_ALL_ALL_dmp12_rz6	Intensive drought schools / education campaign - Placeholder Option	Water efficiency customer education / awareness	Unconstrained
SEW_RZ6_EF-CRE_ALL_ALL_dmp14_rz6	Water use restricted between specified times - Placeholder Option	Water efficiency customer education / awareness	Unconstrained
SEW_RZ6_EF-LKR_ALL_ALL_dmp20_rz6	Pressure Management - Placeholder Option	Pressure management	Unconstrained
SEW_RZ6_HI-DES_ALL_ALL_dmp10_rz6	Small desal units - Placeholder Option	Desalination	Unconstrained
SEW_RZ6_HI-DES_ALL_CNO_aylesford_20mld_con	Desalination of River Medway tidal water at Aylesford/Snodland. (20MI/d Option)	Desalination	Unconstrained
SEW_RZ6_HI-DES_ALL_CNO_aylesford_30mld_con	Desalination of River Medway tidal water at Aylesford/Snodland. (30MI/d Option)	Desalination	Unconstrained
SEW_RZ6_HI-DES_ALL_CNO_aylesford-10mld-con	Desalination of River Medway tidal water at Aylesford/Snodland. (10MI/d Option)	Desalination	Unconstrained
SEW_RZ6_HI-DES_RE1_CNO_aylsford20ph1_con	Desalination of River Medway tidal water at Aylesford/Snodland. (10MI/d Option) - Phase	Desalination	Unconstrained
SEW_RZ6_HI-DES_RE1_CNO_aylsford30ph1_con	Desalination of River Medway tidal water at Aylesford/Snodland. (10MI/d Option) - Phase	Desalination	Unconstrained
SEW_RZ6_HI-DES_RE2_ALL_aylsford20ph2_con	Desalination of River Medway tidal water at Aylesford/Snodland. (10MI/d Option) - Phase	Desalination	Unconstrained
SEW_RZ6_HI-DES_RE2_ALL_aylsford30ph2_con	Desalination of River Medway tidal water at Aylesford/Snodland. (10MI/d Option) - Phase	Desalination	Unconstrained
SEW_RZ6_HI-DES_RE2_ALL_aylsford30ph3_con	Desalination of River Medway tidal water at Aylesford/Snodland. (10MI/d Option) - Phase	Desalination	Unconstrained
SEW_RZ6_HI-GRW_ALL_ALL_aylesford_gw_use	Aylesford Newsprint - use of existing groundwater sources	New groundwater	Unconstrained
SEW_RZ6_HI-GRW_ALL_ALL_egw-28	Boxley (i) (1.2 Average, 2.0 Peak)	New groundwater	Unconstrained
SEW_RZ6_HI-GRW_ALL_ALL_egw-29	Boxley (ii) (2.5 Peak)	New groundwater	Unconstrained
SEW_RZ6_HI-GRW_ALL_ALL_egw-3	Trosley - Re-instatement of Redundant Boreholes	New groundwater	Unconstrained
SEW_RZ6_HI-GRW_ALL_ALL_egw-30	Cossington GS BH No.3	New groundwater	Unconstrained
SEW_RZ6_HI-GRW_ALL_ALL_egw-31	Thurnham - increase output from existing BH	New groundwater	Unconstrained
SEW_RZ6_HI-GRW_ALL_ALL_egw-32	Hythe Beds - New peak use borehole near King's Hill / Beech Reservoir	New groundwater	Unconstrained
SEW_RZ6_HI-GRW_ALL_ALL_egw-33	Cossington Borehole Optimisation	New groundwater	Unconstrained
SEW_RZ6_HI-GRW_ALL_ALL_egw-34	Hartley pumping station enhancements – bridging the licence gap	New groundwater	Unconstrained
SEW_RZ6_HI-GRW_ALL_ALL_lic-16	Aylesford Newsprint – Industrial user who has potential available licence for GW abstracti	New groundwater	Unconstrained
SEW_RZ6_HI-GRW_ALL_ALL_lic-17	Aylesford Newsprint – Industrial user who has private GW abstraction.	New groundwater	Unconstrained
SEW_RZ6_HI-GRW_ALL_ALL_lic-18	EA licence No: 9/40/01/0032/GR	New groundwater	Unconstrained
SEW_RZ6_HI-GRW_ALL_ALL_lic-19	EA licence No: 9/40/01/0050/GR	New groundwater	Unconstrained
SEW_RZ6_HI-GRW_ALL_ALL_lic-21	EA licence No: 9/40/02/0227/G	New groundwater	Unconstrained
SEW_RZ6_HI-GRW_ALL_ALL_lic-22	EA licence No: 9/40/01/0086/GR	New groundwater	Unconstrained
SEW_RZ6_HI-GRW_ALL_ALL_lic-23	EA licence No: 9/40/01/0195	New groundwater	Unconstrained
SEW_RZ6_HI-GRW_ALL_ALL_lic-24	EA licence No: 9/40/01/0069/B/GR	New groundwater	Unconstrained
SEW_RZ6_HI-GRW_ALL_ALL_lic-25	EA licence No: 9/40/03/0163/SR	New groundwater	Unconstrained
SEW_RZ6_HI-GRW_ALL_ALL_lic-26	EA licence No: 9/40/02/0110/GR	New groundwater	Unconstrained
SEW_RZ6_HI-GRW_ALL_ALL_lic-35	EA licence No: 9/40/02/0064/A/GR	New groundwater	Unconstrained
SEW_RZ6_HI-GRW_ALL_ALL_ngw-18	Halling Chalk Option 3	New groundwater	Unconstrained
SEW_RZ6_HI-GRW_ALL_ALL_ngw-19	Halling Chalk Option 1	New groundwater	Unconstrained
SEW_RZ6_HI-GRW_ALL_ALL_ngw-20	Halling Chalk Option 2	New groundwater	Unconstrained
SEW_RZ6_HI-GRW_ALL_ALL_ngw-21	Holborough Option 1	New groundwater	Unconstrained
SEW_RZ6_HI-GRW_ALL_ALL_ngw-22	Holborough Option 2	New groundwater	Unconstrained
SEW_RZ6_HI-GRW_ALL_ALL_ngw-23	Halling redistribution of licence with other sources with WRMU and RZ6	New groundwater	Unconstrained
SEW_RZ6_HI-GRW_ALL_ALL_ngw-24	Halling - New Licence / redistribution of licence wrt Halling Lake - Drought Option	New groundwater	Unconstrained
SEW_RZ6_HI-OTH_ALL_ALL_con -5	Conjunctive Use of Surface Water & Groundwater - Lower Medway	Conjunctive use	Unconstrained
SEW_RZ6_HI-REU_ALL_ALL_dmp13_rz6	Tankering from effluent of sources that can operate with lower water quality - Placeholder	Water reuse	Unconstrained
SEW_RZ6_HI-REU_ALL_ALL_eff-10	Industrial Effluent Reuse in Lower Medway - Motney Hill WwTW	Water reuse	Unconstrained
SEW_RZ6_HI-REU_ALL_ALL_eff-11	Industrial Effluent Reuse in Lower Medway - Queenborough WwTW	Water reuse	Unconstrained
SEW_RZ6_HI-REU_ALL_ALL_eff-12	Industrial Effluent Reuse in Lower Medway - Hoo Island	Water reuse	Unconstrained
SEW_RZ6_HI-REU_ALL_ALL_eff-13	Industrial Effluent Reuse in Lower Medway - Holborough Cement	Water reuse	Unconstrained
SEW_RZ6_HI-REU_ALL_ALL_eff-14	Industrial Effluent Reuse in Lower Medway - Grain Power Station	Water reuse	Unconstrained
SEW_RZ6_HI-REU_ALL_ALL_eff-15	Industrial Effluent Reuse in Lower Medway - Natural Gas Installation	Water reuse	Unconstrained
SEW_RZ6_HI-REU_ALL_ALL_eff-16	Industrial Effluent Reuse in Lower Medway - Kingsnorth Works	Water reuse	Unconstrained
SEW_RZ6_HI-REU_ALL_ALL_eff-17	Industrial Effluent Reuse in Lower Medway - Wellmarsh	Water reuse	Unconstrained
SEW_RZ6_HI-REU_ALL_ALL_eff-18	Industrial Effluent Reuse in Lower Medway - Rushenden Marshes	Water reuse	Unconstrained
SEW_RZ6_HI-REU_ALL_ALL_eff-26	Effluent Reuse Whitewall Creek (estuary discharge) into Medway	Water reuse	Unconstrained
SEW_RZ6_HI-REU_ALL_ALL_eff-27	Effluent Reuse Sittingbourne (estuary discharge - Swale) into Medway	Water reuse	Unconstrained
SEW_RZ6_HI-REU_ALL_ALL_eff-32	Indirect Use of effluent from SW Ashford proposed WwTW - into River Beult	Water reuse	Unconstrained
SEW_RZ6_HI-REU_ALL_ALL_eff-33	Re-use Gravesend to Medway	Water reuse	Unconstrained
SEW_RZ6_HI-REU_ALL_ALL_eff-8	Industrial Effluent Reuse in Lower Medway - Ham Hill WwTW	Water reuse	Unconstrained
SEW_RZ6_HI-REU_ALL_ALL_eff-9	Industrial Effluent Reuse in Lower Medway - Stoke WwTW	Water reuse	Unconstrained
SEW_RZ6_HI-REU_ALL_CNO_aylesford_eff_con	Aylesford effluent re-use at Aylesford	Water reuse	Unconstrained
SEW_RZ6_HI-ROC_ALL_ALL_dmp18_rz6	Floating Reservoir shade - Placeholder Option	Water treatment works capacity increase	Unconstrained
SEW_RZ6_HI-ROC_NET_ALL_dmp16_rz6	Network Changes - Placeholder Option	Trunk mains renewal/new	Unconstrained
SEW_RZ6_HI-ROC_NET_ALL_dmp17_rz6	Trades/transfers - Placeholder Option	Trunk mains renewal/new	Unconstrained
SEW_RZ6_HI-ROC_NET_ALL_hallingzonalmains	RZ6 Zonal Scheme - [LIC-20/DMP-5] Halling to Halling Reservoir. Complete reinforcement t	Trunk mains renewal/new	Unconstrained
SEW_RZ6_HI-ROC_NET_ALL_zon-19	RZ6 Zonal Scheme - Transfer supplies across the zone from Trosley to Loose (GR-RZ6-BA-1)	Trunk mains renewal/new	Unconstrained
SEW_RZ6_HI-ROC_NET_ALL_zon-20	RZ6 Zonal Scheme - Transfer Beech to RZ7 (GR-RZ6-SS-3)	Trunk mains renewal/new	Unconstrained
SEW_RZ6_HI-ROC_NET_ALL_zon-35	RZ6 Zonal Scheme - Complete reinforcement to Halling Reservoir 2km 450mm bore	Trunk mains renewal/new	Unconstrained
SEW_RZ6_HI-TFR_HON_ALL_rtr-52	Transfer 20 MI/d from TWU at Honour Oak to Burham WTW, then transfer on to Aylesfor	External potable bulk supply/transfer	Unconstrained
SEW_RZ6_HI-TFR_HON_ALL_rtr-55	Transfer 30 MI/d from TWU at Honour Oak to Burham WTW, then transfer on to Aylesfor	External potable bulk supply/transfer	Unconstrained
SEW_RZ6_HI-TFR_HON_ALL_rtr-58	Transfer 40 MI/d from TWU at Honour Oak to Burham WTW, then transfer on to Aylesfor	External potable bulk supply/transfer	Unconstrained
SEW_RZ6_HI-TFR_HON_ALL_rtr-61	Transfer 10 MI/d from TWU at Honour Oak to Burham WTW, then transfer on to Aylesfor	External potable bulk supply/transfer	Unconstrained
SEW_RZ6_HI-TFR_HON_ALL_rtr-63	Transfer 20 MI/d from TWU at Honour Oak to Burham WTW, then transfer on to Aylesfor	External potable bulk supply/transfer	Unconstrained
SEW_RZ6_HI-TFR_KME_ALL_rtr-23	SWS to SEW RZ6 Transfer - Detling SR to Matt's Hill (5MI/d)	External potable bulk supply/transfer	Unconstrained

Option ID	Option Name	Option type	Option status
SEW_RZ6_HI-TFR_KME_ALL_rtr-97	SWS Matts Hill (Bulk Supply) to SEW RZ6 - Resilience to Outage	External potable bulk supply/transfer	Unconstrained
SEW_RZ6_HI-TFR_KMW_ALL_rtr-19	SWS to SEW RZ6 Transfer - Burham WTW to Aylesford SR (10Ml/d)	External potable bulk supply/transfer	Unconstrained
SEW_RZ6_HI-TFR_KMW_ALL_rtr-38	Transfer Bewl raising option 1 (Sop088a) RMS to SEW RZ 6	External potable bulk supply/transfer	Unconstrained
SEW_RZ6_HI-TFR_KMW_ALL_rtr-40	Transfer Bewl raising option 2 (Sop088c) RMS to SEW RZ 6	External potable bulk supply/transfer	Unconstrained
SEW_RZ6_HI-TFR_KMW_ALL_rtr-42	Transfer Bewl raising option 3 (Sop088d) RMS to SEW RZ 6	External potable bulk supply/transfer	Unconstrained
SEW_RZ6_HI-TFR_KMW_ALL_rtr-44	Transfer Bewl raising option 4 (Sop088e) RMS to SEW RZ 6	External potable bulk supply/transfer	Unconstrained
SEW_RZ6_HI-TFR_KMW_ALL_rtr-46	Transfer if RMS licence variation (Sop187) RMS to SEW RZ 6	External potable bulk supply/transfer	Unconstrained
SEW_RZ6_HI-TFR_RZ8_ALL_ctr-7	Transfer RZ6 to RZ8 (Maidstone to Canterbury via North Downs) 10 Ml/d	Internal potable transfer	Unconstrained
SEW_RZ6_HI-TFR_RZ8_ALL_ctr-8	Transfer RZ6 to RZ8 (Maidstone to Canterbury via North Downs) 15 Ml/d	Internal potable transfer	Unconstrained
SEW_RZ6_HI-TFR_RZ8_ALL_ctr-9	Transfer RZ6 to RZ8 (Maidstone to Canterbury via North Downs) 30 Ml/d	Internal potable transfer	Unconstrained
SEW_RZ6_HI-TFR_SES_ALL_bough b-forsta p 20	New Bulk Supply: SESW to SEW RZ6 Transfer - River Medway abstraction at Forstal - releas	External potable bulk supply/transfer	Unconstrained
SEW_RZ6_HI-TFR_SES_ALL_bough b-forsta p 45	New Bulk Supply: SESW to SEW RZ6 Transfer - River Medway abstraction at Forstal - releas	External potable bulk supply/transfer	Unconstrained
SEW_RZ6_RE-DRP_ALL_ALL_dmphalling8	Drought permit - RZ6 - Halling No.8 - Moderate Env Impact	Drought permits/orders	Unconstrained
SEW_RZ6_RE-TFR_CON_ALL_dmp9a_rz6	Potable Water Tankering (Road) - Placeholder Option	External raw water bulk supply/transfer	Unconstrained
SEW_RZ6_RE-TFR_CON_ALL_dmp9b_rz6	Potable Water Tankering (Sea) - Placeholder Option	International import	Unconstrained
SEW_RZ7_BG-CAT_ALL_ALL_dmp15_rz7	Catchment Actions - Placeholder Option	Catchment management	Unconstrained
SEW_RZ7_BG-CAT_ALL_ALL_dmp19_rz7	Flood Risk Management options for water supply - Placeholder Option	Catchment management	Unconstrained
SEW_RZ7_BG-CAT_ALL_ALL_e_kent_chalk	Land management to protect and restore recharge in the East Kent Chalk Aquifer	Catchment management	Unconstrained
SEW_RZ7_EF-CRE_ALL_ALL_dmp11a_rz7	Cape Town 'day zero' communications - Placeholder Option	Water efficiency customer education / awareness	Unconstrained
SEW_RZ7_EF-CRE_ALL_ALL_dmp11b_rz7	Cape Town 'day zero' communications - Placeholder Option	Water efficiency customer education / awareness	Unconstrained
SEW_RZ7_EF-CRE_ALL_ALL_dmp12_rz7	Intensive drought schools / education campaign - Placeholder Option	Water efficiency customer education / awareness	Unconstrained
SEW_RZ7_EF-CRE_ALL_ALL_dmp14_rz7	Water use restricted between specified times - Placeholder Option	Water efficiency customer education / awareness	Unconstrained
SEW_RZ7_EF-LKR_ALL_ALL_dmp20_rz7	Pressure Management - Placeholder Option	Pressure management	Unconstrained
SEW_RZ7_EF-TFR_REP_ALL_burham_inclusive_do	New Company Transfer: Licence Change RZ6 to SEW RZ7 Transfer - Burham WTW to Bewl \	Internal potable transfer	Unconstrained
SEW_RZ7_EF-TFR_REP_ALL_burham-bewl_do	New Company Transfer: RZ7 Transfer - Burham WTW to Bewl WTW (14.6 Ml/d)	Internal potable transfer	Unconstrained
SEW_RZ7_HI-DES_ALL_ALL_dmp10_rz7	Small desal units - Placeholder Option	Desalination	Unconstrained
SEW_RZ7_HI-GRW_ALL_ALL_egw-35	Bewl Borehole 1 and 2 – upsize raw water main – bridging the licence gap	New groundwater	Unconstrained
SEW_RZ7_HI-GRW_ALL_ALL_egw-51	Bewl Groundwater - Additional BH to close licence gap.	New groundwater	Unconstrained
SEW_RZ7_HI-GRW_ALL_ALL_egw-76	Goudhurst Pumping Station - bridging the licence gap(Re-classified - replaces NGW-37)	New groundwater	Unconstrained
SEW_RZ7_HI-GRW_ALL_ALL_egw-77	Lamberhurst Pumping Station - bridging the licence gap(Re-classified - replaces NGW-38)	New groundwater	Unconstrained
SEW_RZ7_HI-GRW_ALL_ALL_ngw-27	Bewl Bridge Boreholes - New BH off-site & new 4Ml/d WTW	New groundwater	Unconstrained
SEW_RZ7_HI-GRW_ALL_ALL_ngw-28	Bewl Bridge Boreholes - New BH off -site	New groundwater	Unconstrained
SEW_RZ7_HI-GRW_ALL_ALL_ngw-37	Goudhurst Pumping Station - bridging the licence gap(Re-classified - superseded by EGW-7	New groundwater	Unconstrained
SEW_RZ7_HI-GRW_ALL_ALL_ngw-38	Lamberhurst Pumping Station - bridging the licence gap(Re-classified - superseded by EGW	New groundwater	Unconstrained
SEW_RZ7_HI-OTH_ALL_ALL_con -10	Conjunctive Use of Surface Water & Groundwater - Lower Rother	Conjunctive use	Unconstrained
SEW_RZ7_HI-REU_ALL_ALL_dmp13_rz7	Tankering from effluent of sources that can operate with lower water quality - Placeholder	Water reuse	Unconstrained
SEW_RZ7_HI-REU_ALL_CNO_ashfrdbybrkwwtw_con	Indirect use of effluent from Ashford Bybrook WwTW - into River Beult	Water reuse	Unconstrained
SEW_RZ7_HI-ROC_ALL_ALL_bewl_expand_incl	Bewl Bridge WTW Expansion - 14.6 Ml/d (Linked with CTR-44)	Water treatment works capacity increase	Unconstrained
SEW_RZ7_HI-ROC_ALL_ALL_dmp18_rz7	Floating Reservoir shade - Placeholder Option	Water treatment works capacity increase	Unconstrained
SEW_RZ7_HI-ROC_NET_ALL_dmp16_rz7	Network Changes - Placeholder Option	Trunk mains renewal/new	Unconstrained
SEW_RZ7_HI-ROC_NET_ALL_dmp17_rz7	Trades/transfers - Placeholder Option	Trunk mains renewal/new	Unconstrained
SEW_RZ7_HI-ROC_WT2_ALL_wtw-17	Goudhurst Sourceworks recovery of Process losses	Water treatment works capacity increase	Unconstrained
SEW_RZ7_HI-ROC_WT2_ALL_wtw-20	Maytham Farm Option 2 Increase ADO and PDO: Refurbish treatment works	Water treatment works capacity increase	Unconstrained
SEW_RZ7_HI-ROC_WT2_ALL_wtw-23	Bewl Bridge WTW Expansion - 10 Ml/d	Water treatment works capacity increase	Unconstrained
SEW_RZ7_HI-RSR_ALL_ALL_res-14	Beult Smarden Val (potential bank side storage)	New reservoir	Unconstrained
SEW_RZ7_HI-TFR_HON_ALL_rtr-54	Transfer 20 Ml/d from TWU at Honour Oak to Burham WSW, SEW use 14.6 Ml/d in Burhar	External potable bulk supply/transfer	Unconstrained
SEW_RZ7_HI-TFR_HON_ALL_rtr-57	Transfer 30 Ml/d from TWU at Honour Oak to Burham WTW, 14.6 Ml/d from Burham with	External potable bulk supply/transfer	Unconstrained
SEW_RZ7_HI-TFR_HON_ALL_rtr-60	Transfer 40 Ml/d from TWU at Honour Oak to Burham WTW, 14.6 Ml/d from Burham with	External potable bulk supply/transfer	Unconstrained
SEW_RZ7_HI-TFR_KMW_ALL_rtr-39	Transfer Bewl raising option 1 (Sop088a) RMS to SEW RZ 7	External potable bulk supply/transfer	Unconstrained
SEW_RZ7_HI-TFR_KMW_ALL_rtr-41	Transfer Bewl raising option 2 (Sop088c) RMS to SEW RZ 7	External potable bulk supply/transfer	Unconstrained
SEW_RZ7_HI-TFR_KMW_ALL_rtr-43	Transfer Bewl raising option 3 (Sop088d) RMS to SEW RZ 7	External potable bulk supply/transfer	Unconstrained
SEW_RZ7_HI-TFR_KMW_ALL_rtr-45	Transfer Bewl raising option 4 (Sop088e) RMS to SEW RZ 7	External potable bulk supply/transfer	Unconstrained
SEW_RZ7_HI-TFR_KMW_ALL_rtr-47	Transfer if RMS licence variation (Sop187) RMS to SEW RZ 7	External potable bulk supply/transfer	Unconstrained
SEW_RZ7_HI-TFR_RZ2_ALL_barcomb-bewl p 40	Barcombe to Bewl: 40Ml/d	Internal potable transfer	Unconstrained
SEW_RZ7_HI-TFR_RZ2_ALL_barcomb-bewl p 40_reverse	Barcombe to Bewl: 40Ml/d (Reverse)	Internal potable transfer	Unconstrained
SEW_RZ7_HI-TFR_RZ2_ALL_barcomb-bewl p 50	Barcombe to Bewl: 50Ml/d	Internal potable transfer	Unconstrained
SEW_RZ7_HI-TFR_RZ2_ALL_barcomb-bewl p 50_reverse	Barcombe to Bewl: 50Ml/d (Reverse)	Internal potable transfer	Unconstrained
SEW_RZ7_HI-TFR_RZ6_ALL_burham_inclusivepipe	New Company Transfer: Licence Change RZ6 to SEW RZ7 Transfer - Burham WTW to Bewl \	Internal potable transfer	Unconstrained
SEW_RZ7_HI-TFR_RZ6_ALL_burham-bewl_pipe	New Company Transfer: RZ7 Transfer - Burham WTW to Bewl WTW (14.6 Ml/d)	Internal potable transfer	Unconstrained
SEW_RZ7_HI-TFR_RZ6_ALL_rtr-21	SEW RZ6 to RZ7 Transfer - Burham WTW to Bewl WTW (14.6 Ml/d)	Internal potable transfer	Unconstrained
SEW_RZ7_HI-TFR_RZ6_ALL_rtr-22	SEW RZ6 to RZ7 Transfer - Burham WTW to Bewl WTW (14.6 Ml/d) - [Alternative Vitual Tra	Internal potable transfer	Unconstrained
SEW_RZ7_HI-TFR_RZ7_ALL_ctr-1	Goudhurst WTW – Delivering Max Output	Internal potable transfer	Unconstrained
SEW_RZ7_HI-TFR_RZ8_ALL_ctr-28	SEW RZ8 to RZ7 Transfer - Aldington to Bewl (7Ml/d)	Internal potable transfer	Unconstrained
SEW_RZ7_HI-TFR_RZ8_ALL_kingsno-bewl p 20	New Company Transfer: RZ8 to RZ7 - Kingsnorth to Bewl (20Ml/d)	Internal potable transfer	Unconstrained
SEW_RZ7_HI-TFR_RZ8_ALL_kingsno-bewl p 20_reverse	New Company Transfer: RZ7 to RZ8 Transfer - Bewl to Kingsnorth (20Ml/d) (Reverse)	Internal potable transfer	Unconstrained
SEW_RZ7_HI-TFR_RZ8_ALL_kingsno-bewl p 40	New Company Transfer: RZ7 to RZ8 Transfer - Bewl to Kingsnorth (40Ml/d)	Internal potable transfer	Unconstrained
SEW_RZ7_HI-TFR_RZ8_ALL_kingsno-bewl p 40_reverse	New Company Transfer: RZ7 to RZ8 Transfer - Bewl to Kingsnorth (40Ml/d) (Reverse)	Internal potable transfer	Unconstrained
SEW_RZ7_HI-TFR_RZ8_ALL_kingsnorth-bewl_pipe	New Company Transfer: RZ7 to RZ8 Transfer - Bewl to Kingsnorth (7Ml/d)	Internal potable transfer	Unconstrained
SEW_RZ7_HI-TFR_RZ8_ALL_kingsnorth-bewl_pipe_reverse	New Company Transfer: RZ7 to RZ8 Transfer - Bewl to Kingsnorth (7Ml/d) (Reverse)	Internal potable transfer	Unconstrained
SEW_RZ7_RE-TFR_CON_ALL_dmp9a_rz7	Potable Water Tankering (Road) - Placeholder Option	External raw water bulk supply/transfer	Unconstrained
SEW_RZ7_RE-TFR_CON_ALL_dmp9b_rz7	Potable Water Tankering (Sea) - Placeholder Option	International import	Unconstrained
SEW_RZ8_BG-CAT_ALL_ALL_dmp15_rz8	Catchment Actions - Placeholder Option	Catchment management	Unconstrained
SEW_RZ8_BG-CAT_ALL_ALL_dmp19_rz8	Flood Risk Management options for water supply - Placeholder Option	Catchment management	Unconstrained
SEW_RZ8_EF-CRE_ALL_ALL_dmp11a_rz8	Cape Town 'day zero' communications - Placeholder Option	Water efficiency customer education / awareness	Unconstrained
SEW_RZ8_EF-CRE_ALL_ALL_dmp11b_rz8	Cape Town 'day zero' communications - Placeholder Option	Water efficiency customer education / awareness	Unconstrained
SEW_RZ8_EF-CRE_ALL_ALL_dmp12_rz8	Intensive drought schools / education campaign - Placeholder Option	Water efficiency customer education / awareness	Unconstrained
SEW_RZ8_EF-CRE_ALL_ALL_dmp14_rz8	Water use restricted between specified times - Placeholder Option	Water efficiency customer education / awareness	Unconstrained
SEW_RZ8_EF-LKR_ALL_ALL_dmp20_rz8	Pressure Management - Placeholder Option	Pressure management	Unconstrained
SEW_RZ8_HI-DES_ALL_ALL_dmp10_rz8	Small desal units - Placeholder Option	Desalination	Unconstrained
SEW_RZ8_HI-DES_ALL_ALL_reculver_30ph2_con	Reculver RO Desalination of brackish groundwater (10Ml/d Option) ph2	Desalination	Unconstrained
SEW_RZ8_HI-DES_ALL_ALL_reculver_30ph3_con	Reculver RO Desalination of brackish groundwater (10Ml/d Option) ph3	Desalination	Unconstrained
SEW_RZ8_HI-DES_ALL_CNO_reculver_30ph1_con	Reculver RO Desalination of brackish groundwater (10Ml/d Option) ph1	Desalination	Unconstrained
SEW_RZ8_HI-DES_RE1_CNO_reculver_20ph1_con	Reculver RO Desalination of brackish groundwater (10Ml/d Option) - ph1	Desalination	Unconstrained
SEW_RZ8_HI-DES_RE2_ALL_reculver_20ph2_con	Reculver RO Desalination of brackish groundwater (10Ml/d Option) - ph2	Desalination	Unconstrained
SEW_RZ8_HI-GRW_ALL_ALL_egw-1	Stour Catchment - Increased Ground Water Abstraction	New groundwater	Unconstrained
SEW_RZ8_HI-GRW_ALL_ALL_egw-36	Hockers Lane and Thurnham – optimisation: bridging the gap	New groundwater	Unconstrained
SEW_RZ8_HI-GRW_ALL_ALL_egw-37	Westwell – bridging the licence gap	New groundwater	Unconstrained
SEW_RZ8_HI-GRW_ALL_ALL_lic-27	EA licence No: 9/40/04/0039/SR	New groundwater	Unconstrained
SEW_RZ8_HI-GRW_ALL_ALL_lic-28	EA licence No: 9/40/02/0115/A/GR	New groundwater	Unconstrained
SEW_RZ8_HI-GRW_ALL_ALL_lic-29	EA licence No: 9/40/05/0036/GR	New groundwater	Unconstrained
SEW_RZ8_HI-GRW_ALL_ALL_lic-30	EA licence No: 01/115	New groundwater	Unconstrained
SEW_RZ8_HI-GRW_ALL_ALL_lic-31	EA licence No: 9/40/02/0024/GR	New groundwater	Unconstrained
SEW_RZ8_HI-GRW_ALL_ALL_lic-32	EA licence No: 9/40/06/0193/G	New groundwater	Unconstrained
SEW_RZ8_HI-GRW_ALL_ALL_lic-33	EA licence No: 9/40/04/0022/GR	New groundwater	Unconstrained
SEW_RZ8_HI-GRW_ALL_ALL_lic-34	EA licence No: 08/103	New groundwater	Unconstrained
SEW_RZ8_HI-GRW_ALL_ALL_ngw-1	Great Stour - Abstraction Strategy	New groundwater	Unconstrained
SEW_RZ8_HI-GRW_ALL_ALL_ngw-2	Abstraction from East Kent Chalk Aquifer	New groundwater	Unconstrained
SEW_RZ8_HI-GRW_ALL_ALL_ngw-25	Direct abstraction from Disused Kent Coal Mines	New groundwater	Unconstrained
SEW_RZ8_HI-GRW_ALL_ALL_ngw-26	Direct abstraction from the Tilmanstone Chalk Block	New groundwater	Unconstrained
SEW_RZ8_HI-GRW_ALL_ALL_ngw-39	New source development in the Faversham LLT GWMU	New groundwater	Unconstrained
SEW_RZ8_HI-GRW_ALL_ALL_ngw-40	New source development in the Selling LLT GWMU	New groundwater	Unconstrained
SEW_RZ8_HI-OTH_ALL_ALL_cgw-1	Septic tanks / cess pits discharges to Stockbury	Conjunctive use	Unconstrained
SEW_RZ8_HI-REU_ALL_ALL_dmp13_rz8	Tankering from effluent of sources that can operate with lower water quality - Placeholder	Water reuse	Unconstrained
SEW_RZ8_HI-REU_ALL_ALL_eff-1	Floating Temporary Effluent Reuse Plant	Water reuse	Unconstrained
SEW_RZ8_HI-REU_ALL_ALL_eff-20	Effluent Reuse, EA Stour regional study - Herne Bay WwTW	Water reuse	Unconstrained
SEW_RZ8_HI-REU_ALL_ALL_eff-21	Effluent Reuse, EA Stour regional study - Aylesford WwTW to support Aylesford Newsprint	Water reuse	Unconstrained
SEW_RZ8_HI-REU_ALL_ALL_eff-22	Effluent Reuse, EA Stour regional study - Ashford Growth - increased abstraction downstre	Water reuse	Unconstrained
SEW_RZ8_HI-REU_ALL_ALL_eff-23	Effluent Reuse, EA Stour regional study - Ashford Growth - increased abstraction downstre	Water reuse	Unconstrained

Option ID	Option Name	Option type	Option status
SEW_RZ8_HI-REU_ALL_ALL_eff-29	Effluent Reuse Broomfield Banks to East Stour	Water reuse	Unconstrained
SEW_RZ8_HI-REU_ALL_ALL_eff-3	Effluent Reuse from Ashford waste water into the River Beult.	Water reuse	Unconstrained
SEW_RZ8_HI-REU_ALL_ALL_eff-6	Indirect use of effluent from Ashford Bybrook WwTW - into Great Stour at Wye	Water reuse	Unconstrained
SEW_RZ8_HI-REU_ALL_ALL_eff-7	Indirect use of effluent from Ashford Bybrook WwTW - into Great Stour at Chilham	Water reuse	Unconstrained
SEW_RZ8_HI-REU_ALL_CNO_stour_recharge_con	Recharging Chalk Aquifers with Treated Sewage Effluent	Water reuse	Unconstrained
SEW_RZ8_HI-ROC_ALL_ALL_dmp18_rz8	Floating Reservoir shade - Placeholder Option	Water treatment works capacity increase	Unconstrained
SEW_RZ8_HI-ROC_NET_ALL_broadoakzonalmains	RZ8 Zonal Scheme - [RES-23/RES-31] - Distribute extra water from Broad Oak (GR-RZ8-CB-4	Trunk mains renewal/new	Unconstrained
SEW_RZ8_HI-ROC_NET_ALL_dmp16_rz8	Network Changes - Placeholder Option	Trunk mains renewal/new	Unconstrained
SEW_RZ8_HI-ROC_NET_ALL_dmp17_rz8	Trades/transfers - Placeholder Option	Trunk mains renewal/new	Unconstrained
SEW_RZ8_HI-ROC_NET_ALL_fordwtwzonalmains	RZ8 Zonal Scheme - [DES-7/DES-14/DES-15] - Transfer of water from Ford WTW (GR-RZ8-C	Trunk mains renewal/new	Unconstrained
SEW_RZ8_HI-ROC_NET_ALL_kingsno-canter p 40	New RZ8 Zonal Scheme: Kingsnorth to Canterbury (40Ml/d)	Trunk mains renewal/new	Unconstrained
SEW_RZ8_HI-ROC_NET_ALL_zon-21	RZ8 Zonal Scheme - [Mandatory] Aldington Reservoir (GR-RZ8-AF-2)	Trunk mains renewal/new	Unconstrained
SEW_RZ8_HI-ROC_NET_ALL_zon-24	RZ8 Zonal Scheme - Porters Lane reinforcement (GR-RZ8-ND-5)	Trunk mains renewal/new	Unconstrained
SEW_RZ8_HI-ROC_NET_ALL_zon-25	RZ8 Zonal Scheme -Thurnham BH site to Network;Raw water mains 200m of 300mm and 5	Trunk mains renewal/new	Unconstrained
SEW_RZ8_HI-ROC_NET_ALL_zon-28	RZ8 Zonal Scheme - Main from New WTW to New Service Res	Trunk mains renewal/new	Unconstrained
SEW_RZ8_HI-ROC_NET_ALL_zon-29	RZ8 Zonal Scheme - Connecting mains Upsize Porters Lane pumps (in conjunction with mai	Trunk mains renewal/new	Unconstrained
SEW_RZ8_HI-ROC_NET_ALL_zon-30	RZ8 Zonal Scheme - Connecting mains (WRMP14 comment is "7.9 km pipeline to bring the	Trunk mains renewal/new	Unconstrained
SEW_RZ8_HI-ROC_NET_ALL_zon-38	RZ8 Zonal Scheme - [Mandatory] - Main Chilham to Ashford 15km of 400mm	Trunk mains renewal/new	Unconstrained
SEW_RZ8_HI-ROC_WT2_ALL_wtw-1	Recycling of Sample Water	Water treatment works capacity increase	Unconstrained
SEW_RZ8_HI-ROC_WT2_ALL_wtw-11	Treatment Optimisation	Water treatment works capacity increase	Unconstrained
SEW_RZ8_HI-ROC_WT2_ALL_wtw-7	Wichling/ WCS / Newnham WTW recovery of process losses	Water treatment works capacity increase	Unconstrained
SEW_RZ8_HI-RSR_ALL_ALL_res-19	Hoath Reservoir - Impounding reservoir below Broadoak	New reservoir	Unconstrained
SEW_RZ8_HI-RSR_ALL_ALL_res-2	Shore-Side Storage Facility	New reservoir	Unconstrained
SEW_RZ8_HI-RSR_ALL_ALL_res-20	Swale Harty	New reservoir	Unconstrained
SEW_RZ8_HI-RSR_ALL_CNO_broadoak2815ml_con	Broad Oak Reservoir - 32.5mAOD - 2,815 Ml	New reservoir	Unconstrained
SEW_RZ8_HI-TFR_AZ7_ALL_rtr-12	AFF to SEW RZ8 Transfer - Denge to SEW RZ8 (2Ml/d)	External potable bulk supply/transfer	Unconstrained
SEW_RZ8_HI-TFR_AZ7_ALL_rtr-13	AFF to SEW RZ8 Transfer - Saltwood SR to Aldington SR (New) (10Ml/d)	External potable bulk supply/transfer	Unconstrained
SEW_RZ8_HI-TFR_AZ7_ALL_rtr-3	AFF to SEW RZ8 Transfer - Barham to Kingston (2Ml/d)	External potable bulk supply/transfer	Unconstrained
SEW_RZ8_HI-TFR_AZ7_ALL_rtr-4	Affinity (Barham) transfer to SEW RZ8 (Kingston) - 2Ml/d	External potable bulk supply/transfer	Unconstrained
SEW_RZ8_HI-TFR_HON_ALL_rtr-51	Transfer 10 Ml/d from TWU at Honour Oak to Burham WTW, then transfer on to Blean	External potable bulk supply/transfer	Unconstrained
SEW_RZ8_HI-TFR_HON_ALL_rtr-53	Transfer 20 Ml/d from TWU at Honour Oak to Burham WTW, then transfer on to Blean	External potable bulk supply/transfer	Unconstrained
SEW_RZ8_HI-TFR_HON_ALL_rtr-56	Transfer 30 Ml/d from TWU at Honour Oak to Burham WTW, then transfer on to Blean	External potable bulk supply/transfer	Unconstrained
SEW_RZ8_HI-TFR_HON_ALL_rtr-59	Transfer 40 Ml/d from TWU at Honour Oak to Burham WTW, then transfer on to Blean	External potable bulk supply/transfer	Unconstrained
SEW_RZ8_HI-TFR_HON_ALL_rtr-62	Transfer 10 Ml/d from TWU at Honour Oak to Burham WTW, then transfer on to Blean	External potable bulk supply/transfer	Unconstrained
SEW_RZ8_HI-TFR_HON_ALL_rtr-64	Transfer 20 Ml/d from TWU at Honour Oak to Burham WTW, then transfer on to Blean	External potable bulk supply/transfer	Unconstrained
SEW_RZ8_HI-TFR_KME_ALL_rtr-34	SWS to SEW RZ8 Transfer - Dunkirk BPT to SEW Blean SR (10Ml/d)	External potable bulk supply/transfer	Unconstrained
SEW_RZ8_HI-TFR_KME_ALL_rtr-98	SWS Bottom Pond (Bulk Supply) to SEW RZ8 - Resilience to Outage	External potable bulk supply/transfer	Unconstrained
SEW_RZ8_HI-TFR_KMW_ALL_rtr-20	SWS to SEW RZ8 Transfer - Burham WTW to Kingsnorth SR (10Ml/d)	External potable bulk supply/transfer	Unconstrained
SEW_RZ8_HI-TFR_KMW_ALL_rtr-48	Burham (SWS) to Aldington (RZ8) - New Ashford Main (10 Ml/d)	External potable bulk supply/transfer	Unconstrained
SEW_RZ8_HI-TFR_KMW_ALL_rtr-49	Burham (SWS) to Aldington (RZ8) - New Ashford Main (15 Ml/d)	External potable bulk supply/transfer	Unconstrained
SEW_RZ8_HI-TFR_KMW_ALL_rtr-50	Burham (SWS) to Aldington (RZ8) - New Ashford Main (30 Ml/d)	External potable bulk supply/transfer	Unconstrained
SEW_RZ8_HI-TFR_RZ6_ALL_ctr-10	Transfer RZ8 to RZ6 (Canterbury to Maidstone via North Downs) 10 Ml/d	Internal potable transfer	Unconstrained
SEW_RZ8_HI-TFR_RZ6_ALL_ctr-11	Transfer RZ8 to RZ6 (Canterbury to Maidstone via North Downs) 15 Ml/d	Internal potable transfer	Unconstrained
SEW_RZ8_HI-TFR_RZ6_ALL_ctr-12	Transfer RZ8 to RZ6 (Canterbury to Maidstone via North Downs) 30 Ml/d	Internal potable transfer	Unconstrained
SEW_RZ8_HI-TFR_RZ7_ALL_ctr-25	SEW RZ7 to RZ8 Transfer - Bewl to Kingsnorth (7Ml/d)	Internal potable transfer	Unconstrained
SEW_RZ8_HI-TFR_RZ7_ALL_ctr-26	SEW RZ7 to RZ8 Transfer - Bewl to Aldington (7Ml/d)	Internal potable transfer	Unconstrained
SEW_RZ8_HI-TFR_RZ8_ALL_ctr-3	Transfer from Canterbury to Ashford - Duplicate	Internal potable transfer	Unconstrained
SEW_RZ8_HI-TFR_RZ8_ALL_ctr-35	SEW RZ8 Zonal Transfer - Broad Oak to Blean SR (23.7Ml/d)	Internal potable transfer	Unconstrained
SEW_RZ8_HI-TFR_RZ8_ALL_ctr-4	Transfer from Broad Oak (Option 30a) to Blean SR	Internal potable transfer	Unconstrained
SEW_RZ8_HI-TFR_RZ8_ALL_ctr-5	Transfer from Blean SR to Aldington SR	Internal potable transfer	Unconstrained
SEW_RZ8_HI-TFR_RZ8_ALL_ctr-6	Transfer from Blean SR to Aldington SR (Duplicate)	Internal potable transfer	Unconstrained
SEW_RZ8_HI-TFR_RZ8_ALL_itr-1	Bulk Supply of Water from Scandinavia	International import	Unconstrained
SEW_RZ8_HI-TFR_RZ8_ALL_itr-2	Towing icebergs from the Arctic	International import	Unconstrained
SEW_RZ8_HI-TFR_SHZ_ALL_brede-kingsn p 40	Brede to Kingsnorth: 40Ml/d (Reverse)	External potable bulk supply/transfer	Unconstrained
SEW_RZ8_RE-TFR_CON_ALL_dmp9a_rz8	Potable Water Tankering (Road) - Placeholder Option	External raw water bulk supply/transfer	Unconstrained
SEW_RZ8_RE-TFR_CON_ALL_dmp9b_rz8	Potable Water Tankering (Sea) - Placeholder Option	International import	Unconstrained
SEW_SBZ_HI-TFR_RZ2_ALL_cuckfie-bright p 100	Cuckfield to SBZ: 100Ml/d (Reverse)	External potable bulk supply/transfer	Unconstrained
SEW_SHZ_HI-TFR_RZ3_ALL_arlingt-brede p 40	Arlington to Rye: 40Ml/d (Reverse)	External potable bulk supply/transfer	Unconstrained
SEW_surrey_ewshot_group	New Company Transfer: RZ4 to RZ5 Transfer - Surrey Hills SR to Ewshot SR (23Ml/d)	Internal potable transfer	Unconstrained
SEW_weir_shllbrook_group	Resilience Only - Pipe element for WTW weirwood to Shellbrook	External potable bulk supply/transfer	Unconstrained
SWS_AZ7_EF-TFR_RE1_ALL_exten_res	Dummy resource: Extension of bulk supply agreement	External raw water bulk supply/transfer	Unconstrained
SWS_AZ7_HI-TFR_SHZ_ALL_be_dea_eastn_2_4	Export: Extension of Bulk Supply from SWS (Deal WSR) (2.7Ml/d)	External raw water bulk supply/transfer	Unconstrained
SWS_AZ7_HI-TFR_SHZ_ALL_be_dea_eastn_4	Export: Extension of Bulk Supply from SWS (Deal WSR) Sept-Dec (4Ml/d)	External raw water bulk supply/transfer	Unconstrained
SWS_HAZ_EF-TFR_REP_ALL_swox potable t2st	T2ST HAZ Resource from SWOX	External potable bulk supply/transfer	Unconstrained
SWS_HAZ_HI-TFR_SWX_CNO_ab/mich120	Abingdon to HAZ 120 (Potable) - Construction	External potable bulk supply/transfer	Unconstrained
SWS_HAZ_HI-TFR_SWX_CNO_ab/mich50	Abingdon to HAZ 50 (Potable) - Construction	External potable bulk supply/transfer	Unconstrained
SWS_HAZ_HI-TFR_SWX_CNO_ab/mich80	Abingdon to HAZ 80 (Potable) - Construction	External potable bulk supply/transfer	Unconstrained
SWS_HAZ_HI-TFR_T2S_ALL_cul to and raw	Culham to Andover raw	Internal raw water transfer	Unconstrained
SWS_HAZ_HI-TFR_T2S_ALL_read to and raw	Reading to Andover raw	Internal raw water transfer	Unconstrained
SWS_HAZ_RE-DRO_ALL_ALL_do_di_eme_regi	Drought option: Emergency restrictions - HAZ	Drought permits/orders	Unconstrained
SWS_HAZ_RE-DRP_ALL_ALL_do_di_res_regi	Drought option: NEUBs - HAZ	Drought permits/orders	Unconstrained
SWS_HAZ_RE-OTH_REP_ALL_bs_vws_resil	Drought option: Reduce transfer to other water companies - HAZ	Drought - water use restrictions	Unconstrained
SWS_HAZ_RE-TFR_IZT_ALL_do_si_tan_resil	Drought option: Tankering - HAZ	External raw water bulk supply/transfer	Unconstrained
SWS_HKZ_EF-CRE_ALL_ALL_do_di_res_regi	Drought option: NEUBs - HKZ	Other water efficiency	Unconstrained
SWS_HKZ_EF-TFR_REP_ALL_kv potable t2st	T2ST Basingstoke Resource from SWOX	External potable bulk supply/transfer	Unconstrained
SWS_HKZ_HI-TFR_KVZ_CNO_re/bsgstke120	Reading to Basingstoke 120 (Potable) - Construction	External potable bulk supply/transfer	Unconstrained
SWS_HKZ_HI-TFR_KVZ_CNO_re/bsgstke50	Reading to Basingstoke 50 (Potable) - Construction	External potable bulk supply/transfer	Unconstrained
SWS_HKZ_HI-TFR_KVZ_CNO_re/bsgstke80	Reading to Basingstoke 80 (Potable) - Construction	External potable bulk supply/transfer	Unconstrained
SWS_HKZ_HI-TFR_T2S_ALL_cul to king raw	Culham to near Basingstoke raw	Internal raw water transfer	Unconstrained
SWS_HKZ_HI-TFR_T2S_ALL_read to king raw	Reading to near Basingstoke raw	Internal raw water transfer	Unconstrained
SWS_HKZ_RE-DRO_ALL_ALL_do_di_eme_regi	Drought option: Emergency restrictions - HKZ	Drought permits/orders	Unconstrained
SWS_HKZ_RE-OTH_REP_ALL_bs_vws_resil	Drought option: Reduce transfer to other water companies - HKZ	Drought - water use restrictions	Unconstrained
SWS_HKZ_RE-TFR_IZT_ALL_do_si_tan_resil	Drought option: Tankering - HKZ	External raw water bulk supply/transfer	Unconstrained
SWS_HRZ_EF-CRE_ALL_ALL_do_di_res_regi	Drought option: NEUBs - HRZ	Other water efficiency	Unconstrained
SWS_HRZ_HI-GRW_ALL_ALL_ass_br_bro_westi	Groundwater: Re-commissioning of Test Valley WSW (1.1Ml/d)	New groundwater	Unconstrained
SWS_HRZ_RE-DRO_ALL_ALL_br_bro	Drought option: Test Valley Drought Permit/Order (2020-27)	Drought permits/orders	Unconstrained
SWS_HRZ_RE-DRO_ALL_ALL_br_bro capex	Drought option: Test Valley Drought Permit/Order	Drought permits/orders	Unconstrained
SWS_HRZ_RE-DRO_ALL_ALL_br_bro2	Drought option: Test Valley Drought Permit/Order (from 2027 onwards)	Drought permits/orders	Unconstrained
SWS_HRZ_RE-DRO_ALL_ALL_do_di_eme_regi	Drought option: Emergency restrictions - HRZ	Drought permits/orders	Unconstrained
SWS_HRZ_RE-OTH_REP_ALL_bs_vws_resil	Drought option: Reduce transfer to other water companies - HRZ	Drought - water use restrictions	Unconstrained
SWS_HRZ_RE-TFR_IZT_ALL_do_si_tan_resil	Drought option: Tankering - HRZ	External raw water bulk supply/transfer	Unconstrained
SWS_HSE_EF-CRE_ALL_ALL_do_di_res_regi	Drought option: NEUBs - HSE	Other water efficiency	Unconstrained
SWS_HSE_EF-TFR_RE1_ALL_ott1_res	Dummy resource: Transfer from UTMRD to Otterbourne	External raw water bulk supply/transfer	Unconstrained
SWS_HSE_HI-REU_RE1_CNO_bit40	Recycling: Budds Farm WwTW to River Itchen so support abstraction at Gaters Mill (40Ml/	Water reuse	Unconstrained
SWS_HSE_HI-REU_RE1_CNO_wpi14	Combined Woolston and Portswood WWTW Recycling (12.8Ml/d)	Water reuse	Unconstrained
SWS_HSE_HI-REU_RE1_CNO_wpi21	Combined Woolston and Portswood WWTW Recycling (16.7Ml/d)	Water reuse	Unconstrained
SWS_HSE_HI-ROC_WT1_CNO_ott120wsw	Otterbourne (120) WSW - Construction	Water treatment works capacity increase	Unconstrained
SWS_HSE_HI-ROC_WT1_CNO_ott50wsw	Otterbourne (50) - WSW - Construction	Water treatment works capacity increase	Unconstrained
SWS_HSE_HI-ROC_WT1_CNO_ott80wsw	Otterbourne (80) - WSW - Construction	Water treatment works capacity increase	Unconstrained
SWS_HSE_HI-TFR_SWX_CNO_ott1	Import: Transfer from UTMRD to Otterbourne (30Ml/d)	External raw water bulk supply/transfer	Unconstrained
SWS_HSE_HI-TFR_SWX_CNO_ott2	Import: Transfer from UTMRD to Otterbourne (80Ml/d)	External raw water bulk supply/transfer	Unconstrained
SWS_HSE_RE-DRO_ALL_ALL_do_di_eme_regi	Drought option: Emergency restrictions - HSE	Drought permits/orders	Unconstrained
SWS_HSE_RE-DRO_ALL_ALL_si_can capex	Candover Drought Order CAPEX (no DO benefit)	Drought permits/orders	Unconstrained
SWS_HSE_RE-DRO_ALL_ALL_si_ott2024	Lower Itchen (g/w and s/w sources) Drought Order (for 2024-27)	Drought permits/orders	Unconstrained
SWS_HSE_RE-DRO_ALL_ALL_si_ottmit	Drought option: Mitigation and monitoring activities on the Itchen (no DO benefit)	Drought permits/orders	Unconstrained
SWS_HSE_RE-OTH_REP_ALL_bs_vws_resil	Drought option: Reduce transfer to other water companies - HSE	Drought - water use restrictions	Unconstrained
SWS_HSE_RE-TFR_IZT_ALL_do_si_tan_resil	Drought option: Tankering - HSE	External raw water bulk supply/transfer	Unconstrained
SWS_HSW_EF-CRE_ALL_ALL_do_di_res_regi	Drought option: NEUBs - HSW	Other water efficiency	Unconstrained

Option ID	Option Name	Option type	Option status
SWS_HSW_EF-TFR_RE1_ALL_bw2hsw	Dummy resource: SWW to HSW	External raw water bulk supply/transfer	Unconstrained
SWS_HSW_EF-TFR_RE1_ALL_sww resource	Dummy resource: SWW	External raw water bulk supply/transfer	Unconstrained
SWS_HSW_HI-DES_ALL_ALL_ess_40	Desalinaton: Demineralised supply to Esso (40Ml/d)	Desalination	Unconstrained
SWS_HSW_HI-DES_ALL_CNO_sw desal m100 p2	Desalination: Southampton West - transfer to Lower Test (modular 100-200Ml/d) (200Ml/	Desalination	Unconstrained
SWS_HSW_HI-IMP_HSW_ALL_sww_30	WCS SRO Roadford Potable Transfer	External potable bulk supply/transfer	Unconstrained
SWS_HSW_HI-IMP_HSW_ALL_tfr_wcn_sro_c1_16	Potable water transfer from Cheddar Reservoir to Lower Test WSW at 16 Ml/d	External potable bulk supply/transfer	Unconstrained
SWS_HSW_HI-REU_RE1_CNO_scm9	Test Estuary WTW Industrial reycling	Water reuse	Unconstrained
SWS_HSW_HI-REU_RE1_CNO_sro_b1_61	Recycling: Budds Farm WwTW to Lower River Itchen, treatment at Otterbourne WSW (61M	Water reuse	Unconstrained
SWS_HSW_HI-ROC_WT1_CNO_test120wsw	Lower Test (120) - WSW	Water treatment works capacity increase	Unconstrained
SWS_HSW_HI-ROC_WT1_CNO_test50wsw	Lower Test (50) - WSW	Water treatment works capacity increase	Unconstrained
SWS_HSW_HI-ROC_WT1_CNO_test80wsw	Lower Test (80) - WSW	Water treatment works capacity increase	Unconstrained
SWS_HSW_HI-TFR_SWB_ALL_sww_30	Import: SWW in lieu of supply to Esso (30Ml/d)	External raw water bulk supply/transfer	Unconstrained
SWS_HSW_HI-TFR_SWB_CNO_kna	Import: SWW from Knapp Mill (20Ml/d)	External raw water bulk supply/transfer	Unconstrained
SWS_HSW_RE-DRO_ALL_ALL_do_di_eme_regi	Drought option: Emergency restrictions - HSW	Drought permits/orders	Unconstrained
SWS_HSW_RE-DRO_ALL_ALL_si_canmit	Drought option: Mitigation and monitoring activities for Candover (no DO benefit)	Drought permits/orders	Unconstrained
SWS_HSW_RE-DRO_ALL_ALL_si_tesdp2	Test surface water Drought Permit in drought conditions (from 2027)	Drought permits/orders	Unconstrained
SWS_HSW_RE-DRO_ALL_ALL_si_tesmit	Drought option: Mitigation and monitoring activities on the Test (no DO benefit)	Drought permits/orders	Unconstrained
SWS_HSW_RE-OTH_REP_ALL_bs_vws_resil	Drought option: Reduce transfer to other water companies - HSW	Drought - water use restrictions	Unconstrained
SWS_HSW_RE-TFR_IZT_ALL_do_si_tan_resil	Drought option: Tankering - HSW	External raw water bulk supply/transfer	Unconstrained
SWS_HTE_HI-TFR_PWE_CNO_ht-ott mm 120	Import: Havant Thicket reservoir - Otterbourne direct raw water transfer (120Ml/d)	Internal raw water transfer	Unconstrained
SWS_HTE_HI-TFR_PWE_CNO_ht-ott mm 150	Import: Havant Thicket reservoir - Otterbourne direct raw water transfer (150Ml/d)	Internal raw water transfer	Unconstrained
SWS_HTE_HI-TFR_PWE_CNO_ht-ott mm 190	Import: Havant Thicket reservoir - Otterbourne direct raw water transfer (190Ml/d to Hoa	Internal raw water transfer	Unconstrained
SWS_HWZ_EF-CRE_ALL_ALL_do_di_res_regi	Drought option: NEUBs - HWZ	Other water efficiency	Unconstrained
SWS_HWZ_EF-TFR_RE1_ALL_swox export t2st	T2ST Otterbourne Resource from SWOX	External raw water bulk supply/transfer	Unconstrained
SWS_HWZ_EF-TFR_REP_ALL_kinclere pot t2st	T2ST HKZ from Basingstoke	Internal potable transfer	Unconstrained
SWS_HWZ_HI-TFR_HKZ_CNO_bsgstke/otter120	Basingstoke to Otterbourne 120 (Potable) - Construction	Internal potable transfer	Unconstrained
SWS_HWZ_HI-TFR_HKZ_CNO_bsgstke/otter50	Basingstoke to Otterbourne 50 (Potable) - Construction	Internal potable transfer	Unconstrained
SWS_HWZ_HI-TFR_HKZ_CNO_bsgstke/otter80	Basingstoke to Otterbourne 80 (Potable) - Construction	Internal potable transfer	Unconstrained
SWS_HWZ_HI-TFR_SWX_CNO_ab/otter120	Abingdon to Otterbourne 120 (Raw) - Construction	External raw water bulk supply/transfer	Unconstrained
SWS_HWZ_HI-TFR_SWX_CNO_ab/otter50	Abingdon to Otterbourne 50 (Raw) - Construction	External raw water bulk supply/transfer	Unconstrained
SWS_HWZ_HI-TFR_SWX_CNO_ab/otter80	Abingdon to Otterbourne 80 (Raw) - Construction	External raw water bulk supply/transfer	Unconstrained
SWS_HWZ_RE-DRO_ALL_ALL_do_di_eme_regi	Drought option: Emergency restrictions - HWZ	Drought permits/orders	Unconstrained
SWS_HWZ_RE-OTH_REP_ALL_bs_vws_resil	Drought option: Reduce transfer to other water companies - HWZ	Drought - water use restrictions	Unconstrained
SWS_HWZ_RE-TFR_IZT_ALL_do_si_tan_resil	Drought option: Tankering - HWZ	External raw water bulk supply/transfer	Unconstrained
SWS_IOW_EF-CRE_ALL_ALL_do_di_res_regi	Drought option: NEUBs - IOW	Other water efficiency	Unconstrained
SWS_IOW_HI-GRW_ALL_ALL_nw_gwa_bro_westi	Groundwater: Near Cowes WSW (0.4Ml/d)	New groundwater	Unconstrained
SWS_IOW_HI-GRW_ALL_ALL_nw_gwa_chi_westi	Groundwater: Rookley - new BHs (1.2Ml/d)	New groundwater	Unconstrained
SWS_IOW_HI-GRW_RE1_ALL_ass_dp_rgs1_westi	Drought option: Rest groundwater sources - IOW	New groundwater	Unconstrained
SWS_IOW_RE-DRO_ALL_ALL_ass_dp_sha_westi	Drought option: Shalcombe licence variation	Drought permits/orders	Unconstrained
SWS_IOW_RE-DRO_ALL_ALL_do_di_eme_regi	Drought option: Emergency restrictions - IOW	Drought permits/orders	Unconstrained
SWS_IOW_RE-DRO_ALL_ALL_iw	Combined IW sources drought permits/orders (2020-27)	Drought permits/orders	Unconstrained
SWS_IOW_RE-DRO_ALL_ALL_iw2	Combined IW sources drought permits/orders (from 2027 onwards)	Drought permits/orders	Unconstrained
SWS_IOW_RE-OTH_REP_ALL_bs_vws_resil	Drought option: Reduce transfer to other water companies - IOW	Drought - water use restrictions	Unconstrained
SWS_IOW_RE-TFR_IZT_ALL_do_si_tan_resil	Drought option: Tankering - IOW	External raw water bulk supply/transfer	Unconstrained
SWS_KME_EF-CRE_ALL_ALL_do_di_res_regi	Drought option: NEUBs - KME	Other water efficiency	Unconstrained
SWS_KME_EF-TFR_RE1_ALL_kmrz8_revres	Dummy resource: SWS Kent Medway to SEW RZ8	External raw water bulk supply/transfer	Unconstrained
SWS_KME_EF-TFR_RE1_ALL_medrz6_revres	Dummy resource: SEW RZ6 - reverse	External raw water bulk supply/transfer	Unconstrained
SWS_KME_EF-TFR_RE1_ALL_meds27_revres	Dummy resource: Medway to SEW RZ7 - reverse	External raw water bulk supply/transfer	Unconstrained
SWS_KME_EF-TFR_RE1_ALL_rz6bur_revrev	Dummy resource: Near Rochester WSW to SEW RZ6 - reverse	External raw water bulk supply/transfer	Unconstrained
SWS_KME_EF-TFR_RE1_ALL_rz8bur_revres	Dummy resource: Near Rochester WSW to SEW RZ8 - reverse	External raw water bulk supply/transfer	Unconstrained
SWS_KME_HI-IMP_KTZ_CNO_sel1	Utilise full existing transfer capacity (KME-KTZ)	External potable bulk supply/transfer	Unconstrained
SWS_KME_HI-IMP_KTZ_DEV_sel1	Utilise full existing transfer capacity (KME-KTZ)	External potable bulk supply/transfer	Unconstrained
SWS_KME_HI-IMP_KTZ_PLA_sel1	Utilise full existing transfer capacity (KME-KTZ)	External potable bulk supply/transfer	Unconstrained
SWS_KME_HI-LRE_RE1_ALL_ass_wtw_bur2_eastn	Asset enhancement: Replacement / enhancement of treatment processes (clarification) at	Water treatment works loss recovery	Unconstrained
SWS_KME_HI-ROC_RE1_ALL_nw_pwr_bur_eastn	Recycling: Near Rochester WSW supernatent reuse	Water treatment works capacity increase	Unconstrained
SWS_KME_RE-DRO_ALL_ALL_do_di_eme_regi	Drought option: Emergency restrictions - KME	Drought permits/orders	Unconstrained
SWS_KME_RE-OTH_REP_ALL_bs_vws_resil	Drought option: Reduce transfer to other water companies - KME	Drought - water use restrictions	Unconstrained
SWS_KME_RE-TFR_IZT_ALL_do_si_tan_resil	Drought option: Tankering - KME	External raw water bulk supply/transfer	Unconstrained
SWS_KMW_EF-CRE_ALL_ALL_do_di_res_regi	Drought option: NEUBs - KMW	Other water efficiency	Unconstrained
SWS_KMW_HI-GRW_ALL_ALL_lug	Groundwater: Recommission Meopham LGS (1.3Ml/d)	New groundwater	Unconstrained
SWS_KMW_HI-REU_RE1_CNO_ayl18	Recycling: Medway WwTW - Barming or Wateringbury discharge (12.8Ml/d)	Water reuse	Unconstrained
SWS_KMW_RE-DRO_ALL_ALL_do_di_eme_regi	Drought option: Emergency restrictions - KMW	Drought permits/orders	Unconstrained
SWS_KMW_RE-OTH_REP_ALL_bs_vws_resil	Drought option: Reduce transfer to other water companies - KMW	Drought - water use restrictions	Unconstrained
SWS_KMW_RE-TFR_IZT_ALL_do_si_tan_resil	Drought option: Tankering - KMW	External raw water bulk supply/transfer	Unconstrained
SWS_KTZ_EF-CRE_ALL_ALL_do_di_res_regi	Drought option: NEUBs - KTZ	Other water efficiency	Unconstrained
SWS_KTZ_HI-RAB_ALL_ALL_plu16	Asset enhancement: Stourmouth WSW (10Ml/d with 20Ml covered storage) with Ramsgat	New surface water	Unconstrained
SWS_KTZ_HI-REU_RE1_CNO_plu10	Asset enhancement: Stourmouth WSW (10Ml/d with 20Ml covered storage)	Water reuse	Unconstrained
SWS_KTZ_HI-REU_RE1_CNO_plu20	Recycling: Sandwich WWTW 15Ml/d discharge at Ferry Grove allowing 20Ml/d at Stourmo	Water reuse	Unconstrained
SWS_KTZ_HI-REU_RE1_DEV_plu10	Asset enhancement: Stourmouth WSW (10Ml/d with 20Ml covered storage)	Water reuse	Unconstrained
SWS_KTZ_HI-REU_RE1_DEV_plu20	Recycling: Sandwich WWTW 15Ml/d discharge at Ferry Grove allowing 20Ml/d at Stourmo	Water reuse	Unconstrained
SWS_KTZ_HI-REU_RE1_PLA_plu10	Asset enhancement: Stourmouth WSW (10Ml/d with 20Ml covered storage)	Water reuse	Unconstrained
SWS_KTZ_HI-REU_RE1_PLA_plu20	Recycling: Sandwich WWTW 15Ml/d discharge at Ferry Grove allowing 20Ml/d at Stourmo	Water reuse	Unconstrained
SWS_KTZ_HI-TFR_KTZ_ALL_tw_bs_tha1_eastn	Trading: Thanet Earth non potable water supply for horticultural use (Manston 2); extend	Internal raw water transfer	Unconstrained
SWS_KTZ_HI-TFR_KTZ_ALL_tw_bs_tha2_eastn	Export: Thanet Earth from KTZ (20Ml/d)	Internal potable transfer	Unconstrained
SWS_KTZ_RE-DRO_ALL_ALL_do_di_eme_regi	Drought option: Emergency restrictions - KTZ	Drought permits/orders	Unconstrained
SWS_KTZ_RE-DRO_ALL_ALL_si_plu2	Drought option: Stourmouth Drought Permit/Order	Drought permits/orders	Unconstrained
SWS_KTZ_RE-OTH_REP_ALL_bs_vws_resil	Drought option: Reduce transfer to other water companies - KTZ	Drought - water use restrictions	Unconstrained
SWS_KTZ_RE-TFR_IZT_ALL_do_si_tan_resil	Drought option: Tankering - KTZ	External raw water bulk supply/transfer	Unconstrained
SWS_PRT_EF-TFR_RE1_ALL_mad_revres	Dummy resource: SWZ to PWC (North Arundel to Littlehampton main) - reverse	External raw water bulk supply/transfer	Unconstrained
SWS_PRT_EF-TFR_RE1_ALL_reduc_revsou	Dummy resource: Reduction of Bulk import - reverse	External raw water bulk supply/transfer	Unconstrained
SWS_PRT_EF-TFR_RE1_ALL_sussrm_revres	Dummy resource: SWZ to PWC - reverse	External raw water bulk supply/transfer	Unconstrained
SWS_PRT_EF-TFR_RE1_ALL_sussw_revres	Dummy resource: PWC	External raw water bulk supply/transfer	Unconstrained
SWS_PRT_EF-TFR_RE1_ALL_susswsl_revres	Dummy resource: SWZ spur link supply - reverse	External raw water bulk supply/transfer	Unconstrained
SWS_PWE_HI-REU_RE1_CNO_90toht v0.1	Recycling: Recharge of Havant Thicket reservoir from Budds Farm and new WRP (90Ml/d)	Water reuse	Unconstrained
SWS_RZ2_EF-TFR_RE1_ALL_be_res	Resource: SWS Bewl Reservoir to SEW Bewl Bridge	Internal raw water transfer	Unconstrained
SWS_RZ2_EF-TFR_RE1_ALL_sfl_res	Dummy resource: SEW Barcombe	External raw water bulk supply/transfer	Unconstrained
SWS_RZ2_EF-TFR_RE1_ALL_ss_res	Dummy resource: SEW Mid-Sussex export	External raw water bulk supply/transfer	Unconstrained
SWS_RZ2_EF-TFR_RE1_ALL_weir_res	Dummy resource: Weir Wood reservoir from SESW	External raw water bulk supply/transfer	Unconstrained
SWS_RZ2_EF-TFR_RE1_ALL_whi_res	Dummy resource: SEW Whitely Hill - reverse	External raw water bulk supply/transfer	Unconstrained
SWS_RZ2_EF-TFR_REP_ALL_weir_res1	Dummy resource: Weir Wood reservoir from SESW potable	External potable bulk supply/transfer	Unconstrained
SWS_RZ2_HI-REU_RE1_ALL_wr_pwr_ard2_conju	Recycling: Burgess Hill WTW conjunctive use with Ardingly reservoir	Water reuse	Unconstrained
SWS_RZ2_HI-TFR_KME_ALL_be_bew_eastn	Export: Transfer from SWS Bewl Reservoir to SEW Bewl Bridge WTW (5Ml/d)	External raw water bulk supply/transfer	Unconstrained
SWS_RZ2_HI-TFR_SBZ_ALL_be_msu_cent	Export: SBZ to SEW Mid-Sussex export (10Ml/d)	External raw water bulk supply/transfer	Unconstrained
SWS_RZ2_HI-TFR_SBZ_ALL_be_rz2_cent	Export: SWS SBZ to SEW RZ2 (4Ml/d)	External raw water bulk supply/transfer	Unconstrained
SWS_RZ2_HI-TFR_SBZ_ALL_brighto-barcom p 100	Brighton to Barcombe: 100Ml/d (Reverse)	External potable bulk supply/transfer	Unconstrained
SWS_RZ2_HI-TFR_SBZ_ALL_brighto-barcom p 60	Brighton to Barcombe: 60Ml/d (Reverse)	External potable bulk supply/transfer	Unconstrained
SWS_RZ2_HI-TFR_SES_ALL_tw_bs_bbw_cent	Import: Increase the connectivity between Bough Beech reservoir and Weir Wood Reservo	External raw water bulk supply/transfer	Unconstrained
SWS_RZ2_HI-TFR_SES_ALL_tw_bs_bbw_cent1	Import: Increase the connectivity between Bough Beech reservoir and Weir Wood Reservo	External raw water bulk supply/transfer	Unconstrained
SWS_RZ2_HI-TFR_SNZ_ALL_be_sew_cent	Export: Weir Wood Reservoir Transfer to SEW - additional capacity (>5.4Ml/d)	External raw water bulk supply/transfer	Unconstrained
SWS_RZ2_HI-TFR_SNZ_ALL_hardham-cuckfi p 60	Hardham to Cuckfield: 60Ml/d (Reverse)	External potable bulk supply/transfer	Unconstrained
SWS_RZ2_HI-TFR_SNZ_ALL_hardham-cuckfi p 80	Hardham to Cuckfield: 80Ml/d (Reverse)	External potable bulk supply/transfer	Unconstrained
SWS_RZ2_HI-TFR_SNZ_ALL_turners-cuckfi p 100	Turners Hill to Cuckfield: 100Ml/d (Reverse)	External potable bulk supply/transfer	Unconstrained
SWS_RZ2_HI-TFR_SNZ_ALL_turners-cuckfi p 50	Turners Hill to Cuckfield: 50Ml/d (Reverse)	External potable bulk supply/transfer	Unconstrained
SWS_RZ3_EF-TFR_RE1_ALL_be_eas_eastn_res	Dummy resource: SEW Eastbourne Folkington service reservoir	External raw water bulk supply/transfer	Unconstrained
SWS_RZ3_HI-IMP_SHZ_ALL_be_eas_eastn	Export: Bulk supply Darwell Reservoir to SEW Eastbourne (8Ml/d)	External potable bulk supply/transfer	Unconstrained
SWS_RZ3_HI-REU_RE1_ALL_env_cu_cuc_conju	Recycling: Hailsham WwTW water to Cuckmere river upstream of Arlington reservoir abstr	Water reuse	Unconstrained
SWS_RZ3_HI-TFR_SHZ_ALL_be_dar_eastn	Export: Increase bulk supply from Darwell Reservoir at peak (4Ml/d)	External raw water bulk supply/transfer	Unconstrained
SWS_RZ6_EF-TFR_RE1_ALL_medrz6_res	Dummy resource: SEW RZ6	External raw water bulk supply/transfer	Unconstrained

Option ID	Option Name	Option type	Option status
SWS_RZ6_EF-TFR_RE1_ALL_pit_res	Dummy resource: Export to SEW at Longfield	External raw water bulk supply/transfer	Unconstrained
SWS_RZ6_EF-TFR_RE1_ALL_rz6bur_res	Dummy resource: SEW RZ6 from Near Rochester	External raw water bulk supply/transfer	Unconstrained
SWS_RZ6_HI-TFR_KME_ALL_be_bu6_eastn	Export: SWS Medway (Near Rochester WSW) to SEW RZ6 (14.6Ml/d)	External raw water bulk supply/transfer	Unconstrained
SWS_RZ6_HI-TFR_KME_ALL_be_me6_eastn	Export: Transfer to SEW RZ6 if licence variation for the River Medway Scheme is approved	External raw water bulk supply/transfer	Unconstrained
SWS_RZ7_EF-TFR_RE1_ALL_bewrz27_res	Dummy resource: SEW R27 from Bewl Reservoir	Internal raw water transfer	Unconstrained
SWS_RZ7_EF-TFR_RE1_ALL_medsz7_res	Dummy resource: SEW RZ7 from Medway	External raw water bulk supply/transfer	Unconstrained
SWS_RZ7_HI-IMP_RZ2_ALL_be_med_eastn_10	Export: SWS Medway (Bewl Reservoir) to SEW RZ7 (10Ml/d)	External potable bulk supply/transfer	Unconstrained
SWS_RZ7_HI-IMP_RZ2_ALL_be_med_eastn_20	Export: SWS Medway (Bewl Reservoir) to SEW RZ7 (20Ml/d)	External potable bulk supply/transfer	Unconstrained
SWS_RZ7_HI-TFR_KME_ALL_be_me7_eastn	Export: Transfer to SEW RZ7 if licence variation for the River Medway Scheme is approved	External raw water bulk supply/transfer	Unconstrained
SWS_RZ8_EF-TFR_RE1_ALL_kmrz8_res	Dummy resource: SEW RZ8 from SWS Kent Medway	External raw water bulk supply/transfer	Unconstrained
SWS_RZ8_EF-TFR_RE1_ALL_rz8bur_res	Dummy resource: SEW RZ8 from Near Rochester WSW	External raw water bulk supply/transfer	Unconstrained
SWS_RZ8_EF-TFR_RE1_ALL_sewrz8_suss_res	Dummy resource: SEW RZ8 from SWS Sussex	External raw water bulk supply/transfer	Unconstrained
SWS_RZ8_HI-IMP_KME_ALL_be_me8_eastn	Export: Bulk supplies from SWS Kent Medway to SEW RZ8 (3Ml/d)	External potable bulk supply/transfer	Unconstrained
SWS_RZ8_HI-IMP_SHZ_ALL_be_sh8_eastn	Export: SWS SHZ to SEW RZ8 (5Ml/d)	External potable bulk supply/transfer	Unconstrained
SWS_RZ8_HI-TFR_KME_ALL_be_bu8_eastn_10	Export: SWS Medway (Near Rochester WSW) to SEW RZ8 (10Ml/d)	External raw water bulk supply/transfer	Unconstrained
SWS_RZ8_HI-TFR_KME_ALL_be_bu8_eastn_15	Export: SWS Medway (Near Rochester WSW) to SEW RZ8 (14.6Ml/d)	External raw water bulk supply/transfer	Unconstrained
SWS_RZ8_HI-TFR_SHZ_ALL_brede-kingsn p 40	Brede to Kingsnorth: 40Ml/d	External potable bulk supply/transfer	Unconstrained
SWS_SBZ_EF-CRE_ALL_ALL_do_di_res_regi	Drought option: NEUBs - SBZ	Other water efficiency	Unconstrained
SWS_SBZ_EF-TFR_RE1_ALL_ss_revres	Dummy resource: SEW Mid-Sussex export - reverse	External raw water bulk supply/transfer	Unconstrained
SWS_SBZ_EF-TFR_RE1_ALL_swsswan_res	Dummy resource: SWS Swan WSR - reverse	External raw water bulk supply/transfer	Unconstrained
SWS_SBZ_HI-DES_ALL_CNO_sho10	Desalination: Sussex Coast (10Ml/d)	Desalination	Unconstrained
SWS_SBZ_HI-DES_ALL_CNO_sho20	Desalination: Sussex Coast (20Ml/d)	Desalination	Unconstrained
SWS_SBZ_HI-DES_ALL_CNO_sho40	Desalination: Sussex Coast (40Ml/d)	Desalination	Unconstrained
SWS_SBZ_HI-ROC_ALL_ALL_lew	Groundwater: Lewes road (3.5Ml/d)	Water treatment works capacity increase	Unconstrained
SWS_SBZ_HI-TFR_RZ2_ALL_cuckfie-bright p 100	Cuckfield to SBZ: 100Ml/d	External potable bulk supply/transfer	Unconstrained
SWS_SBZ_RE-DRO_ALL_ALL_do_di_eme_regi	Drought option: Emergency restrictions - SBZ	Drought permits/orders	Unconstrained
SWS_SBZ_RE-OTH_REP_ALL_bs_vws_resil	Drought option: Reduce transfer to other water companies - SBZ	Drought - water use restrictions	Unconstrained
SWS_SBZ_RE-TFR_IZT_ALL_do_si_tan_resil	Drought option: Tankering - SBZ	External raw water bulk supply/transfer	Unconstrained
SWS_SES_HI-REU_RE1_ALL_env_cu_bou_conju	Recycling: Tonbridge WTW conjunctive use with Bough Beech reservoir (5.7Ml/d)	Water reuse	Unconstrained
SWS_SHZ_EF-CRE_ALL_ALL_do_di_res_regi	Drought option: NEUBs - SHZ	Other water efficiency	Unconstrained
SWS_SHZ_EF-TFR_RE1_ALL_exten_revres	Dummy resource: WS (Deal WSR)	External raw water bulk supply/transfer	Unconstrained
SWS_SHZ_HI-TFR_RZ3_ALL_arlingt-brede p 40	Arlington to Rye: 40Ml/d	External potable bulk supply/transfer	Unconstrained
SWS_SHZ_RE-DRO_ALL_ALL_do_di_eme_regi	Drought option: Emergency restrictions - SHZ	Drought permits/orders	Unconstrained
SWS_SHZ_RE-DRO_ALL_ALL_si_pow2	Drougth option: Powdermill Reservoir Drought Permit/Order (2025 onwards) (1.8Ml/d)	Drought permits/orders	Unconstrained
SWS_SHZ_RE-OTH_REP_ALL_bs_vws_resil	Drought option: Reduce transfer to other water companies - SHZ	Drought - water use restrictions	Unconstrained
SWS_SHZ_RE-TFR_IZT_ALL_do_si_tan_resil	Drought option: Tankering - SHZ	External raw water bulk supply/transfer	Unconstrained
SWS_SNZ_EF-CRE_ALL_ALL_do_di_res_regi	Drought option: NEUBs - SNZ	Other water efficiency	Unconstrained
SWS_SNZ_EF-TFR_RE1_ALL_hard_res	Dummy resource: Pulborough	External raw water bulk supply/transfer	Unconstrained
SWS_SNZ_EF-TFR_RE1_ALL_reduc_sou	Dummy resource: Reduction of Bulk import	External raw water bulk supply/transfer	Unconstrained
SWS_SNZ_HI-GRW_ALL_ALL_smo	Scheme to bring West Chiltington back into service	New groundwater	Unconstrained
SWS_SNZ_HI-IMP_RZ2_ALL_bs_whi_cent	Import: SEW Whitely Hill to Pulborough (SWS) transfer (bi-directional) (5Ml/d)	External potable bulk supply/transfer	Unconstrained
SWS_SNZ_HI-ROC_ALL_ALL_rog	Transfer to Midhurst WSW & Petersfield BH rehabilitation	Water treatment works capacity increase	Unconstrained
SWS_SNZ_HI-TFR_PWE_ALL_havant -hardha r 200	Havant Thicket To Pulborough WTW: 200Ml/d	External raw water bulk supply/transfer	Unconstrained
SWS_SNZ_HI-TFR_SES_ALL_outwood-turner p 200	Outwood To Turners Hill: 200Ml/d	External potable bulk supply/transfer	Unconstrained
SWS_SNZ_RE-DRO_ALL_ALL_do_di_eme_regi	Drought option: Emergency restrictions - SNZ	Drought permits/orders	Unconstrained
SWS_SNZ_RE-DRO_ALL_ALL_si_har20	Drought option: Pulborough groundwater Drought Order (2020 onwards)	Drought permits/orders	Unconstrained
SWS_SNZ_RE-OTH_ALL_ALL_har	Groundwater: Pulborough groundwater licence variation (27Ml/d)	Water treatment works capacity increase	Unconstrained
SWS_SNZ_RE-OTH_REP_ALL_bs_vws_resil	Drought option: Reduce transfer to other water companies - SNZ	Drought - water use restrictions	Unconstrained
SWS_SNZ_RE-TFR_ALL_ALL_bs_pwr_cent	Drought option: Reduction of bulk import from PWC (15Ml/d)	External potable bulk supply/transfer	Unconstrained
SWS_SNZ_RE-TFR_IZT_ALL_do_si_tan_resil	Drought option: Tankering - SNZ	External raw water bulk supply/transfer	Unconstrained
SWS_SWZ_EF-CRE_ALL_ALL_do_di_res_regi	Drought option: NEUBs - SWZ	Other water efficiency	Unconstrained
SWS_SWZ_EF-TFR_RE1_ALL_bs_sew_cent_res	Dummy resource: Bulk import from SEW	Internal raw water transfer	Unconstrained
SWS_SWZ_EF-TFR_RE1_ALL_mad_res	Dummy resource: PWC to SWZ (Madehurst to Littlehampton main)	External raw water bulk supply/transfer	Unconstrained
SWS_SWZ_EF-TFR_RE1_ALL_sussrm_res	Dummy resource: PWC to SWZ	External raw water bulk supply/transfer	Unconstrained
SWS_SWZ_EF-TFR_RE1_ALL_sussw_res	Dummy resource: SWZ	External raw water bulk supply/transfer	Unconstrained
SWS_SWZ_EF-TFR_RE1_ALL_susswsl_res	Dummy resource: SWZ spur link supply	External raw water bulk supply/transfer	Unconstrained
SWS_SWZ_HI-GRW_ALL_ALL_scl1	ASR (Sussex Coast - Lower Greensand)	New groundwater	Unconstrained
SWS_SWZ_HI-IMP_PRT_ALL_bs_mad_cent	Import: PWC supply to SWZ (North Arundel t to Littlehampton main)	External potable bulk supply/transfer	Unconstrained
SWS_SWZ_HI-TFR_PRT_ALL_bs_wor_cent	Import: PWC to SWZ (15Ml/d)	External raw water bulk supply/transfer	Unconstrained
SWS_SWZ_HI-TFR_PRT_ALL_bs_wor_cent_rm	Import: PWC to SWZ after removal of North Arundel constraint (8Ml/d)	External raw water bulk supply/transfer	Unconstrained
SWS_SWZ_HI-TFR_PRT_ALL_bs_wor_cent_sl	Import: PWC to SWZ (10Ml/d)	External raw water bulk supply/transfer	Unconstrained
SWS_SWZ_HI-TFR_SBZ_ALL_brw	Transfer: Reverse transfer to allow SBZ to support SWZ (30Ml/d)	Internal raw water transfer	Unconstrained
SWS_SWZ_HI-TFR_SWZ_ALL_bs_sew_cent	Import: Bulk import from SEW	Internal raw water transfer	Unconstrained
SWS_SWZ_RE-DRO_ALL_ALL_do_di_eme_regi	Drought option: Emergency restrictions - SWZ	Drought permits/orders	Unconstrained
SWS_SWZ_RE-DRP_ALL_ALL_ass_dp_nor_cent	Drought option: East Worthing licence variation	Drought permits/orders	Unconstrained
SWS_SWZ_RE-OTH_REP_ALL_bs_vws_resil	Drought option: Reduce transfer to other water companies - SWZ	Drought - water use restrictions	Unconstrained
SWS_SWZ_RE-TFR_CON_ALL_ass_dp_rgs2_cent	Drought option: Rest groundwater sources - SWZ	Internal potable transfer	Unconstrained
SWS_SWZ_RE-TFR_IZT_ALL_do_si_tan_resil	Drought option: Tankering - SWZ	External raw water bulk supply/transfer	Unconstrained
SWS_T2ST_Culham_Ott_Raw_120	Culham to Otterbourne (120) Raw	Internal raw water transfer	Unconstrained
SWS_T2ST_Culham_Ott_Raw_200	Culham to Otterbourne (200) Raw	Internal raw water transfer	Unconstrained
SWS_T2ST_Culham_Ott_Raw_50	Culham to Otterbourne (50) Raw	Internal raw water transfer	Unconstrained
SWS_T2ST_Culham_Ott_Raw_80	Culham to Otterbourne (80) Raw	Internal raw water transfer	Unconstrained
SWS_T2ST_Culham_Test_Raw_120	Culham to Lower Test WSW (120) Raw - Construction	Internal raw water transfer	Unconstrained
SWS_T2ST_Culham_Test_Raw_200	Culham to Lower Test WSW (200) Raw - Construction	Internal raw water transfer	Unconstrained
SWS_T2ST_Culham_Test_Raw_50	Culham to Lower Test WSW (50) Raw - Construction	Internal raw water transfer	Unconstrained
SWS_T2ST_Culham_Test_Raw_80	Culham to Lower Test WSW (80) Raw - Construction	Internal raw water transfer	Unconstrained
SWS_T2ST_Read_Ott_Raw_120	Reading to Otterbourne (120) Raw	Internal raw water transfer	Unconstrained
SWS_T2ST_Read_Ott_Raw_200	Reading to Otterbourne (200) Raw	Internal raw water transfer	Unconstrained
SWS_T2ST_Read_Ott_Raw_50	Reading to Otterbourne (50) Raw	Internal raw water transfer	Unconstrained
SWS_T2ST_Read_Ott_Raw_80	Reading to Otterbourne (80) Raw	Internal raw water transfer	Unconstrained
SWS_T2ST_Read_Test_Raw_120	Reading to Lower Test WSW (120) Raw - Construction	Internal raw water transfer	Unconstrained
SWS_T2ST_Read_Test_Raw_200	Reading to Lower Test WSW (200) Raw - Construction	Internal raw water transfer	Unconstrained
SWS_T2ST_Read_Test_Raw_50	Reading to Lower Test WSW (50) Raw - Construction	Internal raw water transfer	Unconstrained
SWS_T2ST_Read_Test_Raw_80	Reading to Lower Test WSW (80) Raw - Construction	Internal raw water transfer	Unconstrained
SWS_TWD_HI-IMP_TWD_ALL_tfr_wcn_sro_c2_65	Raw water transfer from Cheddar Reservoir to Lower Test WSW at 65 Ml/d	External raw water bulk supply/transfer	Unconstrained
SWS_TWJ_HI-TFR_UTC_ALL_chertse-drunge r 200	Chertsey to Drungewick Manor: 200Ml/d	Internal raw water transfer	Unconstrained
SWS_WWD_HI-TFR_TWJ_ALL_drungew-weir w r 200	Drungewick Manor to Weir Wood: 200Ml/d	External raw water bulk supply/transfer	Unconstrained
TWU_GUI_HI-GRW_ALL_ALL_asr abbotswood	Managed Aquifer Recharge - Abbotswood	Aquifer recharge/Aquifer storage recovery	Unconstrained
TWU_GUI_HI-GRW_RE2_ALL_mousehill rodborough	Groundwater Development - Mousehill and Rodborough Rehabilitation	New groundwater	Unconstrained
TWU_GUI_HI-GRW_RE2_ALL_rc sturt road spring	Groundwater Development - Sturt Road Spring Capture	New groundwater	Unconstrained
TWU_GUI_HI-TFR_SNZ_ALL_surreyhills-hogsback	Transfer - Surrey Hills (SEW) to Hogsback (Guildford)	External raw water bulk supply/transfer	Unconstrained
TWU_HEN_HI-OTH_ALL_ALL_sheeplands licence	Sheeplands licence disaggregation	Licence trading	Unconstrained
TWU_KVZ_HI-GRW_ALL_ALL_gw hungerford	Groundwater Development - Hungerford	New groundwater	Unconstrained
TWU_KVZ_HI-GRW_ALL_ALL_gw mapledurham	Groundwater Development - Mapledurham	New groundwater	Unconstrained
TWU_KVZ_HI-GRW_ALL_ALL_gw purley	Groundwater Development - Purley	New groundwater	Unconstrained
TWU_KVZ_HI-OTH_ALL_ALL_gw playhatch licence	Groundwater Development - Playhatch Licence Increase	Licence trading	Unconstrained
TWU_KVZ_HI-OTH_ALL_ALL_mortimer peaklicence	Groundwater Development - Mortimer	Licence trading	Unconstrained
TWU_KVZ_HI-TFR_T2S_ALL_t2sttofobney	T2ST Spur to Kennet Valley - Fobney (Raw)	External raw water bulk supply/transfer	Unconstrained
TWU_LON_HI-DES_ALL_ALL_manorrd erith hr oak	Manor Road, Erith, Honor Oak, (blended) - Option 2a	Desalination	Unconstrained
TWU_LON_HI-DES_RE1_ALL_crossdesalunblend-65	Desalination - Crossness 65 Ml/d Unblended	Desalination	Unconstrained
TWU_LON_HI-DES_RE1_ALL_crossness(erith) 150	Crossness (Erith Southern Grazing Marshes) -150 Ml/d - Option 2b	Desalination	Unconstrained
TWU_LON_HI-DES_RE1_ALL_crossness(erith) 300	Crossness (Erith Southern Grazing Marshes) – 300 Ml/d - Option 2b	Desalination	Unconstrained
TWU_LON_HI-DES_RE1_ALL_rivleec'millsblended	River Lee, Coppermills WTW (blended) - Option 1b	Desalination	Unconstrained
TWU_LON_HI-DES_RE1_ALL_tripcock ness 150	Tripcock Ness, Thamesmead Coppermills WTW (blended) - 150 Ml/d - Option 2c	Desalination	Unconstrained
TWU_LON_HI-DES_RE1_ALL_tripcock ness 300	Tripcock Ness, Thamesmead Coppermills WTW (blended) – 300 Ml/d - Option 2c	Desalination	Unconstrained
TWU_LON_HI-GRW_ALL_ALL_epsom roc	Removal of DO Constraint - Epsom	New groundwater	Unconstrained
TWU_LON_HI-GRW_ALL_ALL_london-cc (ne)	Groundwater Development - North East London Confined Chalk	New groundwater	Unconstrained
TWU_LON_HI-GRW_ALL_ALL_nonsuch do	Groundwater development - increase Nonsuch DO	New groundwater	Unconstrained

Option ID	Option Name	Option type	Option status
TWU_LON_HI-GRW_RE1_ALL_epsom-gw	GW - Epsom	New groundwater	Unconstrained
TWU_LON_HI-GRW_RE2_ALL_shortlands	Shortlands	New groundwater	Unconstrained
TWU_LON_HI-IMP_NES_ALL_kielder res canal	Conveyance - Canals from Kielder Reservoir	External raw water bulk supply/transfer	Unconstrained
TWU_LON_HI-IMP_NES_ALL_kielder res pipeline	Conveyance - Pipeline from Kielder Reservoir	External raw water bulk supply/transfer	Unconstrained
TWU_LON_HI-IMP_NES_ALL_kielder reservoir	Kielder Reservoir	External raw water bulk supply/transfer	Unconstrained
TWU_LON_HI-IMP_SVE_ALL_cotswoldcanal100	Conveyance - Cotswold Canal 100	External raw water bulk supply/transfer	Unconstrained
TWU_LON_HI-IMP_SVE_ALL_crt bradley-gw	CRT Bradley groundwater abstraction	External raw water bulk supply/transfer	Unconstrained
TWU_LON_HI-IMP_SVE_ALL_deehurst-radcot600	Conveyance - Deerhust to Radcot 600 Ml/d	External raw water bulk supply/transfer	Unconstrained
TWU_LON_HI-IMP_SVE_ALL_deerhurst-culham100	Conveyance - Pipeline Deerhurst to Culham for 100 Ml/d transfer	External raw water bulk supply/transfer	Unconstrained
TWU_LON_HI-IMP_SVE_ALL_deerhurst-culham600	Conveyance - Deerhurst to Culham 600	External raw water bulk supply/transfer	Unconstrained
TWU_LON_HI-IMP_SVE_ALL_deerhurst-lechlad100	Conveyance - Pipeline Deerhurst to Lechlade for 100 Ml/d transfer	External raw water bulk supply/transfer	Unconstrained
TWU_LON_HI-IMP_SVE_ALL_deerhurst-radcot300	Conveyance - Deerhust to Radcot 300 Ml/d	External raw water bulk supply/transfer	Unconstrained
TWU_LON_HI-RAB_ALL_ALL_beckton-tedd (qmr)	Beckton effluent transfer to Teddington and new river abstraction at Teddington with tran	New surface water	Unconstrained
TWU_LON_HI-RAB_ALL_ALL_beckton-tedd (tedd)	Beckton effluent transfer to Teddington and new river abstraction and treatment at Teddi	New surface water	Unconstrained
TWU_LON_HI-RAB_ALL_ALL_beckton-tedd (tlt)	Beckton effluent transfer to Teddington and new river abstraction at Teddington connecti	New surface water	Unconstrained
TWU_LON_HI-RAB_ALL_ALL_rivleeabstractiontml	River Lee abstraction at Three Mills Lock, transfer to North Woolwich Road site for treatme	New surface water	Unconstrained
TWU_LON_HI-RAB_RE1_ALL_culhamdra-farmoorres	Recommission existing DRA at Culham and transfer to Farmoor Reservoir	New surface water	Unconstrained
TWU_LON_HI-RAB_RE1_ALL_dra river mardyke	New river abstraction on River Mardyke	New surface water	Unconstrained
TWU_LON_HI-RAB_RE1_ALL_dra river roding	New river abstraction on Lower River Roding	New surface water	Unconstrained
TWU_LON_HI-RAB_RE1_ALL_dra river rom/beam	New river abstraction on River Rom/Beam	New surface water	Unconstrained
TWU_LON_HI-RAB_RE1_ALL_dra riveringrebourne	New river abstraction on River Ingrebourne	New surface water	Unconstrained
TWU_LON_HI-REU_ALL_ALL_abbeymills pslux50	Abbey Mills PS Sewer Mining (Luxborough Lane) - 50 Ml/d	Water reuse	Unconstrained
TWU_LON_HI-REU_ALL_ALL_abbeymillspslh100	Abbey Mills PS Sewer Mining (Lower Hall) – 100 Ml/d	Water reuse	Unconstrained
TWU_LON_HI-REU_ALL_ALL_abbeymillspslh150	Abbey Mills PS Sewer Mining (Lower Hall) – 150 Ml/d	Water reuse	Unconstrained
TWU_LON_HI-REU_ALL_ALL_abbeymillspslh200	Abbey Mills PS Sewer Mining (Lower Hall) – 200 Ml/d	Water reuse	Unconstrained
TWU_LON_HI-REU_ALL_ALL_abbeymillspslh300	Abbey Mills PS Sewer Mining (Lower Hall) – 300 Ml/d	Water reuse	Unconstrained
TWU_LON_HI-REU_ALL_ALL_abbeymillspslh50	Abbey Mills PS Sewer Mining (Lower Hall) – 50 Ml/d	Water reuse	Unconstrained
TWU_LON_HI-REU_ALL_ALL_abbeymillspslux100	Abbey Mills PS Sewer Mining (Luxborough Lane) - 100 Ml/d	Water reuse	Unconstrained
TWU_LON_HI-REU_ALL_ALL_abbeymillspslux150	Abbey Mills PS Sewer Mining (Luxborough Lane) - 150 Ml/d	Water reuse	Unconstrained
TWU_LON_HI-REU_ALL_ALL_abbeymillspslux200	Abbey Mills PS Sewer Mining (Luxborough Lane) - 200 Ml/d	Water reuse	Unconstrained
TWU_LON_HI-REU_ALL_ALL_abbeymillspslux300	Abbey Mills PS Sewer Mining (Luxborough Lane) - 300 Ml/d	Water reuse	Unconstrained
TWU_LON_HI-REU_ALL_ALL_greenwichpshogs100	Greenwich PS Sewer Mining (Hogsmill) – 100 Ml/d	Water reuse	Unconstrained
TWU_LON_HI-REU_ALL_ALL_greenwichpshogs150	Greenwich PS Sewer Mining (Hogsmill) – 150 Ml/d	Water reuse	Unconstrained
TWU_LON_HI-REU_ALL_ALL_greenwichpshogs50	Greenwich PS Sewer Mining (Hogsmill) – 50 Ml/d	Water reuse	Unconstrained
TWU_LON_HI-REU_ALL_ALL_greenwichpslh100	Greenwich PS Sewer Mining (Lower Hall) – 100 Ml/d	Water reuse	Unconstrained
TWU_LON_HI-REU_ALL_ALL_greenwichpslh150	Greenwich PS Sewer Mining (Lower Hall) - 150 Ml/d	Water reuse	Unconstrained
TWU_LON_HI-REU_ALL_ALL_greenwichpslh50	Greenwich PS Sewer Mining (Lower Hall) – 50 Ml/d	Water reuse	Unconstrained
TWU_LON_HI-REU_ALL_ALL_millbrookpshogs100	Millbrook Road PS Sewer Mining (Hogsmill) – 100 Ml/d	Water reuse	Unconstrained
TWU_LON_HI-REU_ALL_ALL_millbrookpshogs50	Millbrook Road PS Sewer Mining (Hogsmill) – 50 Ml/d	Water reuse	Unconstrained
TWU_LON_HI-REU_RE1_ALL_deephams reuse 25	Deephams Reuse – 25 Ml/d	Water reuse	Unconstrained
TWU_LON_HI-REU_RE1_ALL_lrstweffluentreuse50	Long Reach STW Final Effluent Reuse (adjacent to site) – 50 Ml/d	Water reuse	Unconstrained
TWU_LON_HI-REU_RE1_ALL_lrstweffluentreuse80	Long Reach STW Final Effluent Reuse (adjacent to site) – 80 Ml/d	Water reuse	Unconstrained
TWU_LON_HI-REU_RE1_ALL_mogdeneffru-stw	Mogden Final Effluent Reuse (Modgen STW)	Water reuse	Unconstrained
TWU_LON_HI-REU_RE1_ALL_riversideeff.reuse38	Riverside STW Final Effluent Reuse (adjacent to site) – 38 Ml/d	Water reuse	Unconstrained
TWU_LON_HI-REU_RE1_ALL_wandlepshogs17	Wandle Valley PS Sewer Mining (Hogsmill) – 17 Ml/d	Water reuse	Unconstrained
TWU_LON_HI-REU_RE1_CNO_reusecrossness 100p1	Effluent Reuse - Crossness 100 Ml/d	Water reuse	Unconstrained
TWU_LON_HI-REU_RE1_CNO_reusecrossness 50 p1	Effluent Reuse - Crossness 50 Ml/d - Construction	Water reuse	Unconstrained
TWU_LON_HI-REU_RE2_ALL_reusecrossness 40 p4	Effluent Reuse - Crossness - Phase 4 - 40Ml/d	Water reuse	Unconstrained
TWU_LON_HI-REU_RE2_ALL_reusecrossness 50 p2	Effluent Reuse - Crossness - Additional 50Ml/d	Water reuse	Unconstrained
TWU_LON_HI-REU_RE2_ALL_reusecrossness 90 p2	Effluent Reuse - Crossness - Additional 90 Ml/d	Water reuse	Unconstrained
TWU_LON_HI-RSR_RE1_ALL_abingdon30	New Reservoir - Abingdon 30Mm3	New reservoir	Unconstrained
TWU_LON_HI-RSR_RE1_ALL_abingdon50	New Reservoir - Abingdon 50Mm3	New reservoir	Unconstrained
TWU_LON_HI-RSR_RE1_ALL_res_marshgibbon_100	New Reservoir - Marsh Gibbon Reservoir 100 Mm3	New reservoir	Unconstrained
TWU_LON_HI-RSR_RE1_ALL_resambrosden	New Reservoir - Ambrosden	New reservoir	Unconstrained
TWU_LON_HI-RSR_RE1_ALL_resbeckley	New Reservoir - Beckley	New reservoir	Unconstrained
TWU_LON_HI-RSR_RE1_ALL_resbeech hill	New Reservoir - Beech Hill	New reservoir	Unconstrained
TWU_LON_HI-RSR_RE1_ALL_resbenson	New Reservoir - Benson	New reservoir	Unconstrained
TWU_LON_HI-RSR_RE1_ALL_resbicester	New Reservoir - Bicester	New reservoir	Unconstrained
TWU_LON_HI-RSR_RE1_ALL_resbierton	New Reservoir - Bierton	New reservoir	Unconstrained
TWU_LON_HI-RSR_RE1_ALL_resbishopstone	New Reservoir - Bishopstone	New reservoir	Unconstrained
TWU_LON_HI-RSR_RE1_ALL_resbracknell	New Reservoir - Bracknell	New reservoir	Unconstrained
TWU_LON_HI-RSR_RE1_ALL_resbrampton	New Reservoir - Brampton	New reservoir	Unconstrained
TWU_LON_HI-RSR_RE1_ALL_resbrightwell cs	New Reservoir - Brightwell Cum Sotwell	New reservoir	Unconstrained
TWU_LON_HI-RSR_RE1_ALL_resbrize norton	New Reservoir - Brize Norton	New reservoir	Unconstrained
TWU_LON_HI-RSR_RE1_ALL_resbroad blunsdon	New Reservoir - Broad Blunsdon	New reservoir	Unconstrained
TWU_LON_HI-RSR_RE1_ALL_resburghfield	New Reservoir - Burghfield	New reservoir	Unconstrained
TWU_LON_HI-RSR_RE1_ALL_reschalgrove	New Reservoir - Chalgrove	New reservoir	Unconstrained
TWU_LON_HI-RSR_RE1_ALL_reschargroveairport	New Reservoir - Chargrove Airport	New reservoir	Unconstrained
TWU_LON_HI-RSR_RE1_ALL_rescheddington	New Reservoir - Cheddington	New reservoir	Unconstrained
TWU_LON_HI-RSR_RE1_ALL_resclanfield	New Reservoir - Clanfield	New reservoir	Unconstrained
TWU_LON_HI-RSR_RE1_ALL_rescricklade	New Reservoir - Cricklade	New reservoir	Unconstrained
TWU_LON_HI-RSR_RE1_ALL_resdidcot	New Reservoir - Didcot	New reservoir	Unconstrained
TWU_LON_HI-RSR_RE1_ALL_resdrayton sl	New Reservoir - Drayton St Leonard	New reservoir	Unconstrained
TWU_LON_HI-RSR_RE1_ALL_resfaringdon	New Reservoir - Faringdon	New reservoir	Unconstrained
TWU_LON_HI-RSR_RE1_ALL_resgreat haseley	New Reservoir - Great Haseley	New reservoir	Unconstrained
TWU_LON_HI-RSR_RE1_ALL_reshighworth	New Reservoir - Highworth	New reservoir	Unconstrained
TWU_LON_HI-RSR_RE1_ALL_reskidlington	New Reservoir - Kidlington	New reservoir	Unconstrained
TWU_LON_HI-RSR_RE1_ALL_reskintbury	New Reservoir - Kintbury	New reservoir	Unconstrained
TWU_LON_HI-RSR_RE1_ALL_reslechlade	New Reservoir - Lechlade	New reservoir	Unconstrained
TWU_LON_HI-RSR_RE1_ALL_resleigh	New Reservoir - Leigh	New reservoir	Unconstrained
TWU_LON_HI-RSR_RE1_ALL_reslongworth	New Reservoir - Longworth	New reservoir	Unconstrained
TWU_LON_HI-RSR_RE1_ALL_res-maidenhead	New Reservoir - Maidenhead	New reservoir	Unconstrained
TWU_LON_HI-RSR_RE1_ALL_resminety	New Reservoir - Minety	New reservoir	Unconstrained
TWU_LON_HI-RSR_RE1_ALL_resoxford	New Reservoir - Oxford	New reservoir	Unconstrained
TWU_LON_HI-RSR_RE1_ALL_respostcombe	New Reservoir - Postcombe	New reservoir	Unconstrained
TWU_LON_HI-RSR_RE1_ALL_resquainton	New Reservoir - Quainton	New reservoir	Unconstrained
TWU_LON_HI-RSR_RE1_ALL_resshrivenham	New Reservoir - Shrivenham	New reservoir	Unconstrained
TWU_LON_HI-RSR_RE1_ALL_ressouth leigh	New Reservoir - South Leigh	New reservoir	Unconstrained
TWU_LON_HI-RSR_RE1_ALL_resstanford in vale	New Reservoir - Stanford in the Vale	New reservoir	Unconstrained
TWU_LON_HI-RSR_RE1_ALL_resstanton harcourt	New Reservoir - Stanton Harcourt	New reservoir	Unconstrained
TWU_LON_HI-RSR_RE1_ALL_resstewkley	New Reservoir - Stewkley	New reservoir	Unconstrained
TWU_LON_HI-RSR_RE1_ALL_resstone	New Reservoir - Stone	New reservoir	Unconstrained
TWU_LON_HI-RSR_RE1_ALL_resswindon	New Reservoir - Swindon	New reservoir	Unconstrained
TWU_LON_HI-RSR_RE1_ALL_resuffington	New Reservoir - Uffington	New reservoir	Unconstrained
TWU_LON_HI-RSR_RE1_ALL_reswanborough	New Reservoir - Wanborough	New reservoir	Unconstrained
TWU_LON_HI-RSR_RE1_ALL_reswantage	New Reservoir - Wantage	New reservoir	Unconstrained
TWU_LON_HI-RSR_RE1_ALL_reswest hanney	New Reservoir - West Hanney	New reservoir	Unconstrained
TWU_LON_HI-RSR_RE1_ALL_reswheatley	New Reservoir - Wheatley	New reservoir	Unconstrained
TWU_LON_HI-RSR_RE1_ALL_reswhitchurch	New Reservoir - Whitchurch	New reservoir	Unconstrained
TWU_LON_HI-RSR_RE1_ALL_reswingrave	New Reservoir - Wingrave	New reservoir	Unconstrained
TWU_LON_HI-RSR_RE1_ALL_reswitney	New Reservoir - Witney	New reservoir	Unconstrained
TWU_LON_HI-RSR_RE1_ALL_reswokingham	New Reservoir - Wokingham	New reservoir	Unconstrained
TWU_LON_HI-RSR_RE1_CNO_res_aylesbury 75	New Reservoir - Ayelsbury 75 Mm3	New reservoir	Unconstrained
TWU_LON_HI-TFR_LON_ALL_crossness to beckton	Tunnel from Crossness to Beckton	Internal raw water transfer	Unconstrained
TWU_LON_HI-TFR_SVE_ALL_canalminworth-thames	STT - Conveyance Element - Canal Transfer of Minworth STW to River Thames	External raw water bulk supply/transfer	Unconstrained
TWU_SES_HI-TFR_LON_ALL_lon rm -cheam p 200	Transfer from Merton PS (TW) to Cheam WTW at 200ML/d Reverse	External potable bulk supply/transfer	Unconstrained
TWU_STT_HI-IMP_STT_CNO_sttcanal300(max)	STT Cotswold Canal 300 Ml/d (Do Max) - with treatment - Construction	External raw water bulk supply/transfer	Unconstrained
TWU_SWA_HI-GRW_ALL_ALL_bourne end-e marlow	Groundwater Development - Bourne End (East Marlow)	New groundwater	Unconstrained

Option ID	Option Name	Option type	Option status
TWU_SWA_HI-GRW_ALL_ALL_taplow	Groundwater Devlopment - Taplow	New groundwater	Unconstrained
TWU_SWA_HI-GRW_RE1_ALL_hampbottom-wendover	Groundwater Development - Hampden Bottom - Wendover	Aquifer recharge/Aquifer storage recovery	Unconstrained
TWU_SWA_HI-GRW_RE2_ALL_gw west marlow	Groundwater Development - West Marlow	New groundwater	Unconstrained
TWU_SWA_HI-GRW_RE2_ALL_medmenham	Groundwater Development - Medmenham	New groundwater	Unconstrained
TWU_SWA_HI-GRW_RE2_ALL_remenham	Groundwater Development - Remenham	New groundwater	Unconstrained
TWU_SWA_HI-ROC_RE2_ALL_rc-hampden upgrade	Treatment Upgrade - Hampden Disinfection	Water treatment works capacity increase	Unconstrained
TWU_SWX_HI-GRW_ALL_ALL_gw s stoke 2 w/treat	Groundwater Development - South Stoke 2	New groundwater	Unconstrained
TWU_SWX_HI-GRW_ALL_ALL_gw south stoke 1	Groundwater Development - South Stoke 1	New groundwater	Unconstrained
TWU_SWX_HI-GRW_ALL_ALL_gwmoulsford2 w/treat	Groundwater Development - Moulsford 2	New groundwater	Unconstrained
TWU_SWX_HI-GRW_RE1_ALL_cotswold edge	Groundwater Development - Cotswold Edge	New groundwater	Unconstrained
TWU_SWX_HI-GRW_RE1_ALL_cricklade-ar	Manager Aquifer Recharge - Cricklade	Aquifer recharge/Aquifer storage recovery	Unconstrained
TWU_SWX_HI-GRW_RE1_ALL_river marden	Groundwater Development - River Marden	New groundwater	Unconstrained
TWU_SWX_HI-GRW_RE1_ALL_witheridge hill bh	Groundwater Development - Witheridge Hill Borehole Pump Upgrade	New groundwater	Unconstrained
TWU_SWX_HI-GRW_RE2_ALL_wood farm licence	Groundwater Development - Woods Farm Licence Increase	New groundwater	Unconstrained
TWU_SWX_HI-IMP_WSX_ALL_wessex to blunsdonsr	Wessex to SWOX Charlton WTW to Minety SR and from there to Blunsdon SR in South Swi	External potable bulk supply/transfer	Unconstrained
TWU_SWX_HI-IMP_WSX_ALL_wessextoashtonkeynes	Wessex to SWOX Charlton WTW to Minety SR and from there to Ashton Keynes WTW in Sc	External potable bulk supply/transfer	Unconstrained
TWU_SWX_HI-RAB_ALL_ALL_dra culhamrecommiss	Recommission existing DRA and treatment at Culham and directly supply to SWOX	New surface water	Unconstrained
TWU_SWX_HI-RAB_RE1_ALL_thames weir abstract	Intake at Days Weir for Supply to SWOX	New surface water	Unconstrained
TWU_SWX_HI-TFR_KVZ_ALL_kennet-swox8.31	Kennet Valley to SWOX Transfer - 8.3 Ml/d	Internal potable transfer	Unconstrained
TWU_t2st to fobney	T2ST Spur to Kennet Valley - Fobney	Water treatment works capacity increase	Unconstrained
TWU_UTC_HI-RSR_RE1_CNO_res_chinnor_1	New Reservoir - Chinnor 1	New reservoir	Unconstrained
TWU_UTC_HI-RSR_RE1_CNO_res_chinnor_75	New Reservoir - Chinnor 75Mm3	New reservoir	Unconstrained

Appendix C – Excluded option list

Option ID	Option Name	Option type	Option status
SESRO_STR_HI-RSR_RE1_CNO_abingdon150(lon)	All: New Reservoir Abingdon 150 Mm3 (100%)	New reservoir	Refined Feasible
SESRO_STR_HI-RSR_RE1_CNO_abingdon125(lon)	All: Reservoir Abingdon 125 Mm3	New reservoir	Refined Feasible
SESRO_STR_HI-RSR_RE1_CNO_abingdon30+100p1	New Reservoir - SESRO 30+100Mm3 - Phase 1: All Companies	New reservoir	Refined Feasible
SESRO_STR_HI-RSR_RE1_CNO_abingdon75(lon)	All: Reservoir Abingdon 75 Mm3	New reservoir	Refined Feasible
SESRO_STR_HI-RSR_RE1_CNO_abingdon80+42p1	New Reservoir - SESRO 80+42Mm3 - Phase 1: All Companies	New reservoir	Refined Feasible
SESRO_STR_HI-RSR_RE2_CNO_abingdon30+100p2	New Reservoir - SESRO 30+100mm3 - Phase 2: All Companies	New reservoir	Refined Feasible
SESRO_STR_HI-RSR_RE2_CNO_abingdon80+42p2	New Reservoir - SESRO 80+42Mm3 - Phase 2: All Companies	New reservoir	Refined Feasible
SES_cm_p2_darent cray	Portfolio 2 (Upscaled): Darent and Cray	Catchment management	Refined Feasible
SES_cm_p2_london	Portfolio 2 (Upscaled): London	Catchment management	Refined Feasible
SES_cm_p2_medway	Portfolio 2 (Upscaled): Medway	Catchment management	Refined Feasible
SES_cm_p2_mole	Portfolio 2 (Upscaled): Mole	Catchment management	Refined Feasible
SES_cm_p3_darent cray	Portfolio 3 (Augmented): Darent and Cray	Catchment management	Refined Feasible
SES_cm_p3_london	Portfolio 3 (Augmented): London	Catchment management	Refined Feasible
SES_cm_p3_medway	Portfolio 3 (Augmented): Medway	Catchment management	Refined Feasible
SES_cm_p3_mole	Portfolio 3 (Augmented): Mole	Catchment management	Refined Feasible
SES_r9_group	Transfer from Merton (TW) to SES Boundary at 30Ml/d	External potable bulk supply/transfer	Refined Feasible
SES_SES_EF-LKR_ALL_ALL_dmp ses gov-led a hy	Demand Management: Gov-led A Hybrid	Water efficiency customer education / awareness	Refined Feasible
SES_SES_EF-LKR_ALL_ALL_dmp ses gov-led c hy	Demand Management: Gov-led C Hybrid	Water efficiency customer education / awareness	Refined Feasible
SES_SES_EF-LKR_ALL_ALL_dmp ses gov-led d hy	Demand Management: Gov-led D Hybrid	Water efficiency customer education / awareness	Refined Feasible
SES_SES_EF-LKR_ALL_ALL_dmp ses gov-led e hy	Demand Management: Gov-led E Hybrid	Water efficiency customer education / awareness	Refined Feasible
SES_SES_EF-LKR_ALL_ALL_dmp ses gov-led f hy	Demand Management: Gov-led F Hybrid	Water efficiency customer education / awareness	Refined Feasible
SES_SES_EF-LKR_ALL_ALL_dmp ses gov-led g hy	Demand Management: Gov-led G Hybrid	Water efficiency customer education / awareness	Refined Feasible
SES_SES_EF-LKR_ALL_ALL_dmp ses gov-led high	Demand Management: Gov-led High	Water efficiency customer education / awareness	Refined Feasible
SES_SES_EF-LKR_ALL_ALL_dmp ses gov-led medi	Demand Management: Gov-led Medium	Water efficiency customer education / awareness	Refined Feasible
SES_SES_EF-LKR_ALL_ALL_dmp ses low	Demand Management Strategy - Low	Other water efficiency	Refined Feasible
SES_SES_EF-TFR_REP_ALL_lon rm @ -cheam p	Transfer from London Ring Main (TW) to Cheam WTW at 50 Ml/d	External potable bulk supply/transfer	Refined Feasible
SES_SES_HI-GRW_ALL_ALL_n5	Lower Mole groundwater abstraction at Leatherhead - additional	New groundwater	Refined Feasible
SES_SES_HI-ROC_NET_ALL_cheam t-outwoo p 50	Transfer from Cheam WTW to Outwood SR via Woodmansterne WTW at 50Ml/d	Trunk mains renewal/new	Refined Feasible
SES_SES_RE-DRP_ALL_ALL_hackbridge-dp_v2	Hackbridge drought permit (to 2051)	Drought permits/orders	Refined Feasible
SES_SES_RE-DRP_ALL_ALL_hackbridge-dp_v3	Hackbridge drought permit (to 2046)	Drought permits/orders	Refined Feasible
SES_SES_RE-DRP_ALL_ALL_hackbridge-dp_v4	Hackbridge drought permit (to 2036)	Drought permits/orders	Refined Feasible
SES_SES_RE-DRP_ALL_ALL_hackbridge-dp_v5	Hackbridge drought permit (no end)	Drought permits/orders	Refined Feasible
SES_SES_RE-DRP_ALL_ALL_ken-pur-dp_v2	Kenley and Purley drought permit (to 2051)	Drought permits/orders	Refined Feasible
SES_SES_RE-DRP_ALL_ALL_ken-pur-dp_v3	Kenley and Purley drought permit (to 2046)	Drought permits/orders	Refined Feasible
SES_SES_RE-DRP_ALL_ALL_ken-pur-dp_v4	Kenley and Purley drought permit (to 2036)	Drought permits/orders	Refined Feasible
SES_SES_RE-DRP_ALL_ALL_ken-pur-dp_v5	Kenley and Purley drought permit (no end)	Drought permits/orders	Refined Feasible
SES_SES_RE-DRP_ALL_ALL_outwood-dp_v2	Outwood Lane drought permit (to 2051)	Drought permits/orders	Refined Feasible
SES_SES_RE-DRP_ALL_ALL_outwood-dp_v3	Outwood Lane drought permit (to 2046)	Drought permits/orders	Refined Feasible
SES_SES_RE-DRP_ALL_ALL_outwood-dp_v4	Outwood Lane drought permit (to 2036)	Drought permits/orders	Refined Feasible
SES_SES_RE-DRP_ALL_ALL_outwood-dp_v5	Outwood Lane drought permit (no end)	Drought permits/orders	Refined Feasible
SES_SES_RE-DRP_ALL_ALL_river-eden-maydp_v2	River Eden May drought permit (to 2051)	Drought permits/orders	Refined Feasible
SES_SES_RE-DRP_ALL_ALL_river-eden-maydp_v3	River Eden May drought permit (to 2046)	Drought permits/orders	Refined Feasible
SES_SES_RE-DRP_ALL_ALL_river-eden-maydp_v4	River Eden May drought permit (to 2036)	Drought permits/orders	Refined Feasible
SES_SES_RE-DRP_ALL_ALL_river-eden-maydp_v5	River Eden May drought permit (no end)	Drought permits/orders	Refined Feasible
SES_SES_RE-DRP_ALL_ALL_river-eden-sumdp_v2	River Eden Summer drought permit (to 2051)	Drought permits/orders	Refined Feasible
SES_SES_RE-DRP_ALL_ALL_river-eden-sumdp_v3	River Eden Summer drought permit (to 2046)	Drought permits/orders	Refined Feasible
SES_SES_RE-DRP_ALL_ALL_river-eden-sumdp_v4	River Eden Summer drought permit (to 2036)	Drought permits/orders	Refined Feasible
SES_SES_RE-DRP_ALL_ALL_river-eden-sumdp_v5	River Eden Summer drought permit (no end)	Drought permits/orders	Refined Feasible
SES_SNZ_HI-TFR_SES_ALL_outwood-turner p 100	Outwood To Turners Hill: 100Ml/d (Reverse)	External potable bulk supply/transfer	Refined Feasible
SES_SNZ_HI-TFR_SES_ALL_outwood-turner p 50	Outwood To Turners Hill: 50Ml/d (Reverse)	External potable bulk supply/transfer	Refined Feasible
SES_walton-elmer p	Walton to Elmer: 10Ml/d	External potable bulk supply/transfer	Refined Feasible
SES_woodmanst-epsom do p reverse	Epsom Downs to Woodmansterne WTW	External potable bulk supply/transfer	Refined Feasible
SES_SES_EF-LKR_ALL_ALL_dmp ses gov-led low	Demand Management: Gov-led Low	Water efficiency customer education / awareness	Refined Feasible
AFW_STR_HI-RSR_RE1_CNO_abingdon150(lon)	New Reservoir - SESRO 150Mm3 (AFW: 30%)	New reservoir	Refined Feasible
AFW_STR_HI-RSR_RE1_CNO_abingdon125(lon)	New Reservoir - SESRO 125Mm3 (AFW: 30%)	New reservoir	Refined Feasible
AFW_STR_HI-RSR_RE1_CNO_abingdon30+100p1	New Reservoir - SESRO 30+100Mm3 - Phase 1: (AFW: 30%)	New reservoir	Refined Feasible
AFW_STR_HI-RSR_RE1_CNO_abingdon75(lon)	New Reservoir - SESRO 75Mm3 (AFW: 30%)	New reservoir	Refined Feasible
AFW_STR_HI-RSR_RE1_CNO_abingdon80+42p1	New Reservoir - SESRO 80+42Mm3 - Phase 1: (AFW: 30%)	New reservoir	Refined Feasible
AFW_STR_HI-RSR_RE2_CNO_abingdon30+100p2	New Reservoir - SESRO 30+100mm3 - Phase 2: (AFW: 30%)	New reservoir	Refined Feasible
AFW_STR_HI-RSR_RE2_CNO_abingdon80+42p2	New Reservoir - SESRO 80+42Mm3 - Phase 2: (AFW: 30%)	New reservoir	Refined Feasible
AFW_a2at-nr-wrz3-100	A2AT SLR to Preston to Bulls Green: 100Ml/d	External potable bulk supply/transfer	Refined Feasible
AFW_a2at-nr-wrz3-50	A2AT SLR to Preston to Bulls Green: 50Ml/d	External potable bulk supply/transfer	Refined Feasible
AFW_a2at-nr-wrz5-100	A2AT SLR to WRZ5 100MLD	External potable bulk supply/transfer	Refined Feasible
AFW_a2at-nr-wrz5-50	A2AT SLR to WRZ5 50MLD	External potable bulk supply/transfer	Refined Feasible
AFW_AZ1_EF-LKR_ALL_ALL_dmp az1 low	Demand Basket Low Misbourne	Other water efficiency	Refined Feasible
AFW_AZ1_HI-ROC_NET_ALL_amersham2bov2040	Amersham to Bovingdon (Supply 2040 Placeholder)	Trunk mains renewal/new	Refined Feasible
AFW_AZ1_HI-ROC_NET_ALL_bov2boxted2040	Bovingdon to Boxted (Supply 2040 Placeholder)	Trunk mains renewal/new	Refined Feasible
AFW_AZ1_HI-ROC_NET_ALL_heronsgate2am2040	Heronsgate to Amersham (Supply 2040 placeholder)	Trunk mains renewal/new	Refined Feasible
AFW_AZ1_HI-ROC_NET_ALL_heronsgate2bov2040	Heronsgate to Bovingdon (Supply 2040 Placeholder)	Trunk mains renewal/new	Refined Feasible
AFW_AZ1_RE-DRP_ALL_ALL_amershammisbcatchdrp	Amersham Misbourne Catchment Drought Permit	Drought permits/orders	Refined Feasible
AFW_AZ1_RE-DRP_ALL_ALL_piccottsendgadedrp	Piccotts End Gade Catchment Drought Permit	Drought permits/orders	Refined Feasible
AFW_AZ2_EF-LKR_ALL_ALL_dmp az2 low	Demand Basket Low Colne	Other water efficiency	Refined Feasible
AFW_AZ2_HI-REU_ALL_ALL_blackbirdsstw	Blackbirds STW	Water reuse	Refined Feasible
AFW_AZ2_HI-ROC_NET_ALL_friar2stonecross2040	Friar Wash to Stonecross (Supply 2040 Placeholder)	Trunk mains renewal/new	Refined Feasible
AFW_AZ3_EF-LKR_ALL_ALL_dmp az3 low	Demand Basket Low Lee	Other water efficiency	Refined Feasible
AFW_AZ3_HI-ROC_NET_ALL_brookman2bulls2040	Brookmans Park to Bulls Green (Supply 2040 Placeholder)	Trunk mains renewal/new	Refined Feasible
AFW_AZ3_HI-ROC_NET_ALL_localbps2040	Local BPS supporting Markyate (Supply 2040 Placeholder)	Trunk mains renewal/new	Refined Feasible
AFW_AZ3_HI-ROC_NET_ALL_west2wicker2040	Weston Hills to Wicker Hall (Supply 2040 Placeholder)	Trunk mains renewal/new	Refined Feasible
AFW_AZ3_HI-ROC_NET_CNO_nthm_to_brkp_conv100	North Mymms to Brookmans Park 100 Ml/d	Trunk mains renewal/new	Refined Feasible
AFW_AZ3_RE-DRP_ALL_ALL_fullingmillmimramdrp	Fulling Mill Mimram Catchment Drought Permit	Drought permits/orders	Refined Feasible
AFW_AZ3_RE-DRP_ALL_ALL_runleywoodcatchdrp	Runleywood Catchment Drought Permit	Drought permits/orders	Refined Feasible
AFW_AZ3_RE-DRP_ALL_ALL_whitehallbeanecatcrp	Whitehall Beane Catchment Drought Permit	Drought permits/orders	Refined Feasible
AFW_AZ4_EF-LKR_ALL_ALL_dmp az4 low	Demand Basket Low Pinn	Other water efficiency	Refined Feasible
AFW_AZ4_HI-OTH_ALL_ALL_conftradeiver20	Didcot Iver 20 Confidential Trading Option	Licence trading	Refined Feasible
AFW_AZ4_HI-ROC_NET_ALL_ickenham2harrow2040	Ickenham to Harrow (Supply 2040 Placeholder)	Trunk mains renewal/new	Refined Feasible
AFW_AZ5_EF-LKR_ALL_ALL_dmp az5 low	Demand Basket Low Stort	Other water efficiency	Refined Feasible
AFW_AZ5_EF-TFR_ALL_ALL_braintreetosibleys	Braintree to Sibleys	External potable bulk supply/transfer	Refined Feasible
AFW_AZ5_EF-TFR_ALL_ALL_brentwoodtoharlow	Brentwood to Harlow transfer	External potable bulk supply/transfer	Refined Feasible
AFW_AZ5_EF-TFR_ALL_ALL_lowersfieldimportinc	Lowersfield Bulk Import Increase	External potable bulk supply/transfer	Refined Feasible
AFW_AZ5_HI-ROC_NET_ALL_hadham2silverley2040	Hadham to Silver Leys (Supply 2040 Placeholder)	Trunk mains renewal/new	Refined Feasible
AFW_AZ5_HI-ROC_NET_ALL_silver2sibleys2040	Silver Leys to Sibleys (Supply 2040 Placeholder)	Trunk mains renewal/new	Refined Feasible
AFW_AZ5_RE-DRP_ALL_ALL_thundridgeribcatdrp	Thundridge Rib Catchment Drought Permit	Drought permits/orders	Refined Feasible
AFW_AZ6_EF-LKR_ALL_ALL_dmp az6 low	Demand Basket Low Wey	Other water efficiency	Refined Feasible
AFW_AZ7_EF-LKR_ALL_ALL_dmp az7 low	Demand Basket Low Dour	Other water efficiency	Refined Feasible
AFW_AZ7_HI-ROC_NET_ALL_denton2broome2040	Denton to Broome (Supply 2040 Placeholder)	Trunk mains renewal/new	Refined Feasible
AFW_AZ7_HI-TFR_RZ8_ALL_canterb-barham p 15	Canterbury (Broad Oak) to Barham: 15Ml/d	External potable bulk supply/transfer	Refined Feasible
AFW_AZ7_HI-TFR_RZ8_ALL_canterb-barham p 20	Canterbury (Broad Oak) to Barham: 20Ml/d	External potable bulk supply/transfer	Refined Feasible
AFW_AZ7_HI-TFR_RZ8_ALL_canterb-barham p 30	Canterbury (Broad Oak) to Barham: 30Ml/d	External potable bulk supply/transfer	Refined Feasible
AFW_AZ7_RE-DRP_ALL_ALL_bucklandmilldourdrp	Buckland Mill Dour Catchment Drought Permit	Drought permits/orders	Refined Feasible
AFW_AZ7_RE-DRP_ALL_ALL_drellingoredourdrp	Drellingore Dour Catchment Drought Permit	Drought permits/orders	Refined Feasible
AFW_AZ7_RE-DRP_ALL_ALL_lyeoakdourcatchmedrp	Lye Oak Dour Catchment Drought Permit	Drought permits/orders	Refined Feasible
AFW_AZ7_RE-TFR_ALL_ALL_wlvl-seatanker	Waterlevel Extreme Drought Resilience Service (based upon insurance proposal)	International import	Refined Feasible
AFW_AZ7_RE-TFR_ALL_ALL_wlvl-seatanker-v2	Waterlevel Extreme Drought Resilience Service (without insurance)	International import	Refined Feasible
AFW_cm_p2_colne	Portfolio 2 (Upscaled): Colne	Catchment management	Refined Feasible
AFW_cm_p2_london	Portfolio 2 (Upscaled): London	Catchment management	Refined Feasible
AFW_cm_p2_stour	Portfolio 2 (Upscaled): Stour	Catchment management	Refined Feasible
AFW_cm_p2_upper lee	Portfolio 2 (Upscaled): Upper Lee	Catchment management	Refined Feasible

Option ID	Option Name	Option type	Option status
AFW_gov-led a hybrid	Demand Management: Gov-led A Hybrid	Water efficiency customer education / awareness	Refined Feasible
AFW_gov-led c hybrid	Demand Management: Gov-led C Hybrid	Water efficiency customer education / awareness	Refined Feasible
AFW_gov-led d hybrid	Demand Management: Gov-led D Hybrid	Water efficiency customer education / awareness	Refined Feasible
AFW_gov-led e hybrid	Demand Management: Gov-led E Hybrid	Water efficiency customer education / awareness	Refined Feasible
AFW_gov-led f hybrid	Demand Management: Gov-led F Hybrid	Water efficiency customer education / awareness	Refined Feasible
AFW_gov-led g hybrid	Demand Management: Gov-led G Hybrid	Water efficiency customer education / awareness	Refined Feasible
AFW_gov-led high	Demand Management: Gov-led High	Water efficiency customer education / awareness	Refined Feasible
AFW_gov-led medium	Demand Management: Gov-led Medium	Water efficiency customer education / awareness	Refined Feasible
AFW_RA4_HI-TFR_WLJ_CNO_walton_conv100_p1	Walton 2b 100 Ml/d to New Iver 2 WTW Phase 1	External raw water bulk supply/transfer	Refined Feasible
AFW_RA4_HI-TFR_WLJ_CNO_walton_conv100_p2	Walton 2b 100 Ml/d to New Iver 2 WTW Phase 2	External raw water bulk supply/transfer	Refined Feasible
AFW_RA4_HI-TFR_WLJ_CNO_walton_conv50	Walton 2b 50 Ml/d to New Iver 2 WTW	External raw water bulk supply/transfer	Refined Feasible
AFW_STT_HI-RAB_RE1_ALL_c2-300-mythe_15	STT Canal: Mythe abstraction reduction (15Mld) (AFW: 7%)	External raw water bulk supply/transfer	Refined Feasible
AFW_STT_HI-RAB_RE1_ALL_c4-300-vyrnwy_50	STT Canal: Vyrnwy Reservoir river release (50Mld) (AFW: 7%)	External raw water bulk supply/transfer	Refined Feasible
AFW_STT_HI-RAB_RE1_ALL_c5-300-vyrnwy_75	STT Canal: Additional 25Mld for a total Vyrnwy Reservoir river release (75Mld) (AFW: 7%)	External raw water bulk supply/transfer	Refined Feasible
AFW_STT_HI-RAB_RE1_ALL_c6-300-shrewsbury_25	STT Canal: River Vyrnwy Mitigation – Shrewsbury Redeployment (25Mld) (AFW: 7%)	External raw water bulk supply/transfer	Refined Feasible
AFW_STT_HI-RAB_RE1_ALL_p2-300-mythe_15	STT 300: Mythe abstraction reduction (15Mld) (AFW: 7%)	External raw water bulk supply/transfer	Refined Feasible
AFW_STT_HI-RAB_RE1_ALL_p2-400-mythe_15	STT 400: Mythe abstraction reduction (15Mld) (AFW: 7%)	External raw water bulk supply/transfer	Refined Feasible
AFW_STT_HI-RAB_RE1_ALL_p2-500-mythe_15	STT 500: Mythe abstraction reduction (15Mld) (AFW: 7%)	External raw water bulk supply/transfer	Refined Feasible
AFW_STT_HI-RAB_RE1_ALL_p3-300-vyrnwy_50	STT 300: Vyrnwy Reservoir river release (50Mld) (AFW: 7%)	External raw water bulk supply/transfer	Refined Feasible
AFW_STT_HI-RAB_RE1_ALL_p3-400-vyrnwy_50	STT 400: Vyrnwy Reservoir river release (50Mld) (AFW: 7%)	External raw water bulk supply/transfer	Refined Feasible
AFW_STT_HI-RAB_RE1_ALL_p3-500-vyrnwy_50	STT 500: Vyrnwy Reservoir river release (50Mld) (AFW: 7%)	External raw water bulk supply/transfer	Refined Feasible
AFW_STT_HI-RAB_RE1_ALL_p4-300-vyrnwy_75	STT 300: Additional 25Mld for a total Vyrnwy Reservoir river release (75Mld) (AFW: 7%)	External raw water bulk supply/transfer	Refined Feasible
AFW_STT_HI-RAB_RE1_ALL_p4-400-vyrnwy_75	STT 400: Additional 25Mld for a total Vyrnwy Reservoir river release (75Mld) (AFW: 7%)	External raw water bulk supply/transfer	Refined Feasible
AFW_STT_HI-RAB_RE1_ALL_p4-500-vyrnwy_75	STT 500: Additional 25Mld for a total Vyrnwy Reservoir river release (75Mld) (AFW: 7%)	External raw water bulk supply/transfer	Refined Feasible
AFW_STT_HI-RAB_RE1_ALL_p6-300-shrewsbury_25	STT 300: River Vyrnwy Mitigation – Shrewsbury Redeployment (25Mld) (AFW: 7%)	External raw water bulk supply/transfer	Refined Feasible
AFW_STT_HI-RAB_RE1_ALL_p6-400-shrewsbury_25	STT 400: River Vyrnwy Mitigation – Shrewsbury Redeployment (25Mld) (AFW: 7%)	External raw water bulk supply/transfer	Refined Feasible
AFW_STT_HI-RAB_RE1_ALL_p6-500-shrewsbury_25	STT 500: River Vyrnwy Mitigation – Shrewsbury Redeployment (25Mld) (AFW: 7%)	External raw water bulk supply/transfer	Refined Feasible
AFW_tra-kemptoncon	Kempton TWUL existing connection	External potable bulk supply/transfer	Refined Feasible
AFW_tra-stonebcon	Stonebridge TWUL existing connection	External potable bulk supply/transfer	Refined Feasible
AFW_tra-twul-2	Mill Hill Reservoir (Drought Transfer)	External potable bulk supply/transfer	Refined Feasible
AFW_tra-twul-4	Renters Avenue (W. Hendon) Edgeware (Drought Transfer)	External potable bulk supply/transfer	Refined Feasible
AFW_tra-twul-4c	Kempton Park to Iver	External potable bulk supply/transfer	Refined Feasible
AFW_tra-twul-5	Coppermills to Rye Hill transfer 40MLD (WRSE)	External potable bulk supply/transfer	Refined Feasible
AFW_tra-twul-5_a	Coppermills to Rye Hill transfer 60MLD (WRSE)	External potable bulk supply/transfer	Refined Feasible
AFW_tra-twul-5_b	Coppermills to Rye Hill transfer 80MLD (WRSE)	External potable bulk supply/transfer	Refined Feasible
AFW_tra-twul-5_c	Coppermills to Rye Hill transfer	External potable bulk supply/transfer	Refined Feasible
AFW_tra-twul-6	Walton to Hampton connection (Drought Transfer)	External potable bulk supply/transfer	Refined Feasible
AFW_gov-led low	Demand Management: Gov-led Low	Water efficiency customer education / awareness	Refined Feasible
PRT_cm_p2_arun west	Portfolio 2 (Upscaled): Arun and Western Streams	Catchment management	Refined Feasible
PRT_cm_p2_east hampshire	Portfolio 2 (Upscaled): East Hampshire	Catchment management	Refined Feasible
PRT_cm_p3_arun west	Portfolio 3 (Augmented): Arun and Western Streams	Catchment management	Refined Feasible
PRT_cm_p3_east hampshire	Portfolio 3 (Augmented): East Hampshire	Catchment management	Refined Feasible
PRT_PRT_EF-LKR_ALL_ALL_dmp prt gov-led a hy	Demand Management: Gov-led A Hybrid	Water efficiency customer education / awareness	Refined Feasible
PRT_PRT_EF-LKR_ALL_ALL_dmp prt gov-led c hy	Demand Management: Gov-led C Hybrid	Water efficiency customer education / awareness	Refined Feasible
PRT_PRT_EF-LKR_ALL_ALL_dmp prt gov-led d hy	Demand Management: Gov-led D Hybrid	Water efficiency customer education / awareness	Refined Feasible
PRT_PRT_EF-LKR_ALL_ALL_dmp prt gov-led e hy	Demand Management: Gov-led E Hybrid	Water efficiency customer education / awareness	Refined Feasible
PRT_PRT_EF-LKR_ALL_ALL_dmp prt gov-led f hy	Demand Management: Gov-led F Hybrid	Water efficiency customer education / awareness	Refined Feasible
PRT_PRT_EF-LKR_ALL_ALL_dmp prt gov-led g hy	Demand Management: Gov-led G Hybrid	Water efficiency customer education / awareness	Refined Feasible
PRT_PRT_EF-LKR_ALL_ALL_dmp prt gov-led high	Demand Management: Gov-led High	Water efficiency customer education / awareness	Refined Feasible
PRT_PRT_EF-LKR_ALL_ALL_dmp prt gov-led medi	Demand Management: Gov-led Medium	Water efficiency customer education / awareness	Refined Feasible
PRT_PRT_RE-DRP_ALL_ALL_Source S drought_v2	Drought Permit: Source S (to 2051)	Drought permits/orders	Refined Feasible
PRT_PRT_RE-DRP_ALL_ALL_Source S drought_v3	Drought Permit: Source S (to 2046)	Drought permits/orders	Refined Feasible
PRT_PRT_RE-DRP_ALL_ALL_Source S drought_v4	Drought Permit: Source S (to 2036)	Drought permits/orders	Refined Feasible
PRT_PRT_RE-DRP_ALL_ALL_Source S drought_v5	Drought Permit: Source S (no end)	Drought permits/orders	Refined Feasible
PRT_PWE_HI-TFR_TWJ_ALL_SRN Source D-havant r 100	SRN Source D To Havant Thicket: 100Ml/d	External raw water bulk supply/transfer	Refined Feasible
PRT_PRT_EF-LKR_ALL_ALL_dmp prt gov-led low	Demand Management: Gov-led Low	Water efficiency customer education / awareness	Refined Feasible
SEW_RZ1_EF-CRE_ALL_ALL_I: ami upgrade	AMI upgrade: RZ1: Low	Metering other selective	Refined Feasible
SEW_RZ1_EF-CRE_ALL_ALL_I: meter installs	Meter installations (Non-responders): RZ1: Low	Metering compulsory	Refined Feasible
SEW_RZ1_EF-LKR_ALL_ALL_I: detection	Leakage reduction - trunk mains and service reservoir leakage reduction (RZ1): Low	Trunk mains renewal/new	Refined Feasible
SEW_RZ1_EF-LKR_ALL_ALL_I: incentives	Individual and community incentives: RZ1: Low	Other leakage control	Refined Feasible
SEW_RZ1_EF-LKR_ALL_ALL_I: sew-rz1-lea-111	TM Metering improvements - RZ1: Low	Other leakage control	Refined Feasible
SEW_RZ1_EF-LKR_ALL_ALL_I: sew-rz1-lea-121	Leakage reduction - Pressure reduction programmes (RZ1): Low	Pressure management	Refined Feasible
SEW_RZ1_EF-WEF_ALL_ALL_I: leakage fix	Leaky loo find and fix: RZ1: Low	Household water audit	Refined Feasible
SEW_RZ1_EF-WEF_ALL_ALL_I: targeted audits	Water use audit and inspection - Household and non-household water efficiency (RZ1): Lo	Household water audit	Refined Feasible
SEW_RZ1_EF-WEF_ALL_ALL_I: uspl	Customer supply pipe leakage reduction (RZ1): Low	Supply pipe repairs / replacement	Refined Feasible
SEW_RZ2_EF-CRE_ALL_ALL_I: ami upgrade	AMI upgrade: RZ2: Low	Metering other selective	Refined Feasible
SEW_RZ2_EF-CRE_ALL_ALL_I: meter installs	Meter installations (Non-responders): RZ2: Low	Metering compulsory	Refined Feasible
SEW_RZ2_EF-LKR_ALL_ALL_I: detection	Leakage reduction - trunk mains and service reservoir leakage reduction (RZ2): Low	Trunk mains renewal/new	Refined Feasible
SEW_RZ2_EF-LKR_ALL_ALL_I: incentives	Individual and community incentives: RZ2: Low	Other leakage control	Refined Feasible
SEW_RZ2_EF-LKR_ALL_ALL_I: sew-rz2-lea-112	TM Metering improvements - RZ2: Low	Other leakage control	Refined Feasible
SEW_RZ2_EF-LKR_ALL_ALL_I: sew-rz2-lea-122	Leakage reduction - Pressure reduction programmes (RZ2): Low	Pressure management	Refined Feasible
SEW_RZ2_EF-WEF_ALL_ALL_I: leakage fix	Leaky loo find and fix: RZ2: Low	Household water audit	Refined Feasible
SEW_RZ2_EF-WEF_ALL_ALL_I: targeted audits	Water use audit and inspection - Household and non-household water efficiency (RZ2): Lo	Household water audit	Refined Feasible
SEW_RZ2_EF-WEF_ALL_ALL_I: uspl	Customer supply pipe leakage reduction (RZ2): Low	Supply pipe repairs / replacement	Refined Feasible
SEW_RZ3_EF-CRE_ALL_ALL_I: ami upgrade	AMI upgrade: RZ3: Low	Metering other selective	Refined Feasible
SEW_RZ3_EF-CRE_ALL_ALL_I: meter installs	Meter installations (Non-responders): RZ3: Low	Metering compulsory	Refined Feasible
SEW_RZ3_EF-LKR_ALL_ALL_I: detection	Leakage reduction - trunk mains and service reservoir leakage reduction (RZ3): Low	Trunk mains renewal/new	Refined Feasible
SEW_RZ3_EF-LKR_ALL_ALL_I: incentives	Individual and community incentives: RZ3: Low	Other leakage control	Refined Feasible
SEW_RZ3_EF-LKR_ALL_ALL_I: sew-rz3-lea-113	TM Metering improvements - RZ3: Low	Other leakage control	Refined Feasible
SEW_RZ3_EF-LKR_ALL_ALL_I: sew-rz3-lea-123	Leakage reduction - Pressure reduction programmes (RZ3): Low	Pressure management	Refined Feasible
SEW_RZ3_EF-WEF_ALL_ALL_I: leakage fix	Leaky loo find and fix: RZ3: Low	Household water audit	Refined Feasible
SEW_RZ3_EF-WEF_ALL_ALL_I: targeted audits	Water use audit and inspection - Household and non-household water efficiency (RZ3): Lo	Household water audit	Refined Feasible
SEW_RZ3_EF-WEF_ALL_ALL_I: uspl	Customer supply pipe leakage reduction (RZ3): Low	Supply pipe repairs / replacement	Refined Feasible
SEW_RZ4_EF-CRE_ALL_ALL_I: ami upgrade	AMI upgrade: RZ4: Low	Metering other selective	Refined Feasible
SEW_RZ4_EF-CRE_ALL_ALL_I: meter installs	Meter installations (Non-responders): RZ4: Low	Metering compulsory	Refined Feasible
SEW_RZ4_EF-LKR_ALL_ALL_I: detection	Leakage reduction - trunk mains and service reservoir leakage reduction (RZ4): Low	Trunk mains renewal/new	Refined Feasible
SEW_RZ4_EF-LKR_ALL_ALL_I: incentives	Individual and community incentives: RZ4: Low	Other leakage control	Refined Feasible
SEW_RZ4_EF-LKR_ALL_ALL_I: sew-rz4-lea-114	TM Metering improvements - RZ4: Low	Other leakage control	Refined Feasible
SEW_RZ4_EF-LKR_ALL_ALL_I: sew-rz4-lea-124	Leakage reduction - Pressure reduction programmes (RZ4): Low	Pressure management	Refined Feasible
SEW_RZ4_EF-WEF_ALL_ALL_I: leakage fix	Leaky loo find and fix: RZ4: Low	Household water audit	Refined Feasible
SEW_RZ4_EF-WEF_ALL_ALL_I: targeted audits	Water use audit and inspection - Household and non-household water efficiency (RZ4): Lo	Household water audit	Refined Feasible
SEW_RZ4_EF-WEF_ALL_ALL_I: uspl	Customer supply pipe leakage reduction (RZ4): Low	Supply pipe repairs / replacement	Refined Feasible
SEW_RZ5_EF-CRE_ALL_ALL_I: ami upgrade	AMI upgrade: RZ5: Low	Metering other selective	Refined Feasible
SEW_RZ5_EF-CRE_ALL_ALL_I: meter installs	Meter installations (Non-responders): RZ5: Low	Metering compulsory	Refined Feasible
SEW_RZ5_EF-LKR_ALL_ALL_I: detection	Leakage reduction - trunk mains and service reservoir leakage reduction (RZ5): Low	Trunk mains renewal/new	Refined Feasible
SEW_RZ5_EF-LKR_ALL_ALL_I: incentives	Individual and community incentives: RZ5: Low	Other leakage control	Refined Feasible
SEW_RZ5_EF-LKR_ALL_ALL_I: sew-rz5-lea-115	TM Metering improvements - RZ5: Low	Other leakage control	Refined Feasible
SEW_RZ5_EF-LKR_ALL_ALL_I: sew-rz5-lea-125	Leakage reduction - Pressure reduction programmes (RZ5): Low	Pressure management	Refined Feasible
SEW_RZ5_EF-WEF_ALL_ALL_I: leakage fix	Leaky loo find and fix: RZ5: Low	Household water audit	Refined Feasible
SEW_RZ5_EF-WEF_ALL_ALL_I: targeted audits	Water use audit and inspection - Household and non-household water efficiency (RZ5): Lo	Household water audit	Refined Feasible
SEW_RZ5_EF-WEF_ALL_ALL_I: uspl	Customer supply pipe leakage reduction (RZ5): Low	Supply pipe repairs / replacement	Refined Feasible
SEW_RZ6_EF-CRE_ALL_ALL_I: ami upgrade	AMI upgrade: RZ6: Low	Metering other selective	Refined Feasible
SEW_RZ6_EF-CRE_ALL_ALL_I: meter installs	Meter installations (Non-responders): RZ6: Low	Metering compulsory	Refined Feasible
SEW_RZ6_EF-LKR_ALL_ALL_I: detection	Leakage reduction - trunk mains and service reservoir leakage reduction (RZ6): Low	Trunk mains renewal/new	Refined Feasible
SEW_RZ6_EF-LKR_ALL_ALL_I: incentives	Individual and community incentives: RZ6: Low	Other leakage control	Refined Feasible
SEW_RZ6_EF-LKR_ALL_ALL_I: sew-rz6-lea-116	TM Metering improvements - RZ6: Low	Other leakage control	Refined Feasible
SEW_RZ6_EF-LKR_ALL_ALL_I: sew-rz6-lea-126	Leakage reduction - Pressure reduction programmes (RZ6): Low	Pressure management	Refined Feasible
SEW_RZ6_EF-WEF_ALL_ALL_I: leakage fix	Leaky loo find and fix: RZ6: Low	Household water audit	Refined Feasible

Option ID	Option Name	Option type	Option status
SEW_RZ6_EF-WEF_ALL_ALL_I: targeted audits	Water use audit and inspection - Household and non-household water efficiency (RZ6): Lo	Household water audit	Refined Feasible
SEW_RZ6_EF-WEF_ALL_ALL_I: uspl	Customer supply pipe leakage reduction (RZ6): Low	Supply pipe repairs / replacement	Refined Feasible
SEW_RZ7_EF-CRE_ALL_ALL_I: ami upgrade	AMI upgrade: RZ7: Low	Metering other selective	Refined Feasible
SEW_RZ7_EF-CRE_ALL_ALL_I: meter installs	Meter installations (Non-responders): RZ7: Low	Metering compulsory	Refined Feasible
SEW_RZ7_EF-LKR_ALL_ALL_I: detection	Leakage reduction - trunk mains and service reservoir leakage reduction (RZ7): Low	Trunk mains renewal/new	Refined Feasible
SEW_RZ7_EF-LKR_ALL_ALL_I: incentives	Individual and community incentives: RZ7: Low	Other leakage control	Refined Feasible
SEW_RZ7_EF-LKR_ALL_ALL_I: sew-rz7-lea-117	TM Metering improvements - RZ7: Low	Other leakage control	Refined Feasible
SEW_RZ7_EF-LKR_ALL_ALL_I: sew-rz7-lea-127	Leakage reduction - Pressure reduction programmes (RZ7): Low	Pressure management	Refined Feasible
SEW_RZ7_EF-WEF_ALL_ALL_I: leakage fix	Leaky loo find and fix: RZ7: Low	Household water audit	Refined Feasible
SEW_RZ7_EF-WEF_ALL_ALL_I: targeted audits	Water use audit and inspection - Household and non-household water efficiency (RZ7): Lo	Household water audit	Refined Feasible
SEW_RZ7_EF-WEF_ALL_ALL_I: uspl	Customer supply pipe leakage reduction (RZ7): Low	Supply pipe repairs / replacement	Refined Feasible
SEW_RZ1_EF-LKR_ALL_ALL_I: repair	Repair: Low	Other leakage control	Refined Feasible
SEW_RZ8_EF-CRE_ALL_ALL_I: ami upgrade	AMI upgrade: RZ8: Low	Metering other selective	Refined Feasible
SEW_RZ8_EF-CRE_ALL_ALL_I: meter installs	Meter installations (Non-responders): RZ8: Low	Metering compulsory	Refined Feasible
SEW_RZ8_EF-LKR_ALL_ALL_I: detection	Leakage reduction - trunk mains and service reservoir leakage reduction (RZ8): Low	Trunk mains renewal/new	Refined Feasible
SEW_RZ8_EF-LKR_ALL_ALL_I: incentives	Individual and community incentives: RZ8: Low	Other leakage control	Refined Feasible
SEW_RZ8_EF-LKR_ALL_ALL_I: sew-rz8-lea-118	TM Metering improvements - RZ8: Low	Other leakage control	Refined Feasible
SEW_RZ8_EF-LKR_ALL_ALL_I: sew-rz8-lea-128	Leakage reduction - Pressure reduction programmes (RZ8): Low	Pressure management	Refined Feasible
SEW_RZ8_EF-WEF_ALL_ALL_I: leakage fix	Leaky loo find and fix: RZ8: Low	Household water audit	Refined Feasible
SEW_RZ8_EF-WEF_ALL_ALL_I: targeted audits	Water use audit and inspection - Household and non-household water efficiency (RZ8): Lo	Household water audit	Refined Feasible
SEW_RZ8_EF-WEF_ALL_ALL_I: uspl	Customer supply pipe leakage reduction (RZ8): Low	Supply pipe repairs / replacement	Refined Feasible
SEW_AZ7_HI-TFR_RZ8_ALL_canterb-barham p 15	Canterbury (Broad Oak) to Barham: 15Ml/d (Reverse)	External potable bulk supply/transfer	Refined Feasible
SEW_AZ7_HI-TFR_RZ8_ALL_canterb-barham p 20	Canterbury (Broad Oak) to Barham: 20Ml/d (Reverse)	External potable bulk supply/transfer	Refined Feasible
SEW_AZ7_HI-TFR_RZ8_ALL_canterb-barham p 30	Canterbury (Broad Oak) to Barham: 30Ml/d (Reverse)	External potable bulk supply/transfer	Refined Feasible
SEW_barcombe-bewl p	Barcombe to Bewl: 30Ml/d	Internal potable transfer	Refined Feasible
SEW_barcombe-bewl p reverse	Bewl to Barcombe: 30Ml/d	Internal potable transfer	Refined Feasible
SEW_bewlraise_sew_group	Bewl Reservoir Raising - SEW Benefit	External potable bulk supply/transfer	Refined Feasible
SEW_burham-riverhil p	Burham to Riverhill: 30Ml/d	External potable bulk supply/transfer	Refined Feasible
SEW_cm_p2_adur ouse	Portfolio 2 (Upscaled): Adur and Ouse	Catchment management	Refined Feasible
SEW_cm_p2_arun west	Portfolio 2 (Upscaled): Arun and Western Streams	Catchment management	Refined Feasible
SEW_cm_p2_cuckmere pev	Portfolio 2 (Upscaled): Cuckmere and Pevensey Levels	Catchment management	Refined Feasible
SEW_cm_p2_darent cray	Portfolio 2 (Upscaled): Darent and Cray	Catchment management	Refined Feasible
SEW_cm_p2_east hampshire	Portfolio 2 (Upscaled): East Hampshire	Catchment management	Refined Feasible
SEW_cm_p2_kent north	Portfolio 2 (Upscaled): North Kent	Catchment management	Refined Feasible
SEW_cm_p2_loddon trib	Portfolio 2 (Upscaled): Loddon and tributaries	Catchment management	Refined Feasible
SEW_cm_p2_maidenhead su	Portfolio 2 (Upscaled): Maidenhead and Sunbury	Catchment management	Refined Feasible
SEW_cm_p2_medway	Portfolio 2 (Upscaled): Medway	Catchment management	Refined Feasible
SEW_cm_p2_rother	Portfolio 2 (Upscaled): Rother	Catchment management	Refined Feasible
SEW_cm_p2_stour	Portfolio 2 (Upscaled): Stour	Catchment management	Refined Feasible
SEW_cm_p2_test itchen	Portfolio 2 (Upscaled): Test and Itchen	Catchment management	Refined Feasible
SEW_cm_p2_wey trib	Portfolio 2 (Upscaled): Wey and tributaries	Catchment management	Refined Feasible
SEW_cm_p3_adur ouse	Portfolio 3 (Augmented): Adur and Ouse	Catchment management	Refined Feasible
SEW_cm_p3_arun west	Portfolio 3 (Augmented): Arun and Western Streams	Catchment management	Refined Feasible
SEW_cm_p3_cuckmere pev	Portfolio 3 (Augmented): Cuckmere and Pevensey Levels	Catchment management	Refined Feasible
SEW_cm_p3_darent cray	Portfolio 3 (Augmented): Darent and Cray	Catchment management	Refined Feasible
SEW_cm_p3_east hampshire	Portfolio 3 (Augmented): East Hampshire	Catchment management	Refined Feasible
SEW_cm_p3_kent north	Portfolio 3 (Augmented): North Kent	Catchment management	Refined Feasible
SEW_cm_p3_loddon trib	Portfolio 3 (Augmented): Loddon and tributaries	Catchment management	Refined Feasible
SEW_cm_p3_maidenhead su	Portfolio 3 (Augmented): Maidenhead and Sunbury	Catchment management	Refined Feasible
SEW_cm_p3_medway	Portfolio 3 (Augmented): Medway	Catchment management	Refined Feasible
SEW_cm_p3_rother	Portfolio 3 (Augmented): Rother	Catchment management	Refined Feasible
SEW_cm_p3_stour	Portfolio 3 (Augmented): Stour	Catchment management	Refined Feasible
SEW_cm_p3_test itchen	Portfolio 3 (Augmented): Test and Itchen	Catchment management	Refined Feasible
SEW_cm_p3_wey trib	Portfolio 3 (Augmented): Wey and tributaries	Catchment management	Refined Feasible
SEW_gov-led a hybrid	Demand Management: Gov-led A Hybrid	Water efficiency customer education / awareness	Refined Feasible
SEW_gov-led c hybrid	Demand Management: Gov-led C Hybrid	Water efficiency customer education / awareness	Refined Feasible
SEW_gov-led d hybrid	Demand Management: Gov-led D Hybrid	Water efficiency customer education / awareness	Refined Feasible
SEW_gov-led e hybrid	Demand Management: Gov-led E Hybrid	Water efficiency customer education / awareness	Refined Feasible
SEW_gov-led f hybrid	Demand Management: Gov-led F Hybrid	Water efficiency customer education / awareness	Refined Feasible
SEW_gov-led g hybrid	Demand Management: Gov-led G Hybrid	Water efficiency customer education / awareness	Refined Feasible
SEW_gov-led high hybrid	Demand Management: Gov-led High	Water efficiency customer education / awareness	Refined Feasible
SEW_gov-led medium hybrid	Demand Management: Gov-led Medium	Water efficiency customer education / awareness	Refined Feasible
SEW_KTZ_HI-TFR_RZ8_ALL_canterb-wingha p 40	New Bulk Supply: SWS to RZ8 - Wingham to Canterbury (40 Ml/d)	External potable bulk supply/transfer	Refined Feasible
SEW_KTZ_HI-TFR_RZ8_ALL_canterb-wingha p 60	New Bulk Supply: SWS to RZ8 - Wingham to Canterbury (60 Ml/d)	External potable bulk supply/transfer	Refined Feasible
SEW_RZ2_HI-GRW_ALL_ALL_seaford_chalk_gw	Seaford Chalk Groundwater Scheme	New groundwater	Refined Feasible
SEW_RZ2_HI-TFR_SBZ_ALL_brighto-barcom p 20	Brighton to Barcombe: 20Ml/d	External potable bulk supply/transfer	Refined Feasible
SEW_RZ2_HI-TFR_SBZ_ALL_brighto-barcom p 40	Brighton to Barcombe: 40Ml/d	External potable bulk supply/transfer	Refined Feasible
SEW_RZ2_HI-TFR_SBZ_ALL_brighto-barcom p 5	Brighton to Barcombe: 5Ml/d	External potable bulk supply/transfer	Refined Feasible
SEW_RZ2_HI-TFR_SES_ALL_bough b-whitel r 10	New Raw bulk Supply: SESW to RZ2 - Bough Beech to Whitely Hill (10Ml/d)	Water treatment works capacity increase	Refined Feasible
SEW_RZ2_HI-TFR_SES_ALL_bough b-whitel r 5	New Raw bulk Supply: SESW to RZ2 - Bough Beech to Whitely Hill (5Ml/d)	Water treatment works capacity increase	Refined Feasible
SEW_RZ2_HI-TFR_SNZ_ALL_hardham-cuckfi p 15	Hardham to Cuckfield: 15Ml/d	External potable bulk supply/transfer	Refined Feasible
SEW_RZ2_HI-TFR_SNZ_ALL_hardham-cuckfi p 50	Hardham to Cuckfield: 50Ml/d	External potable bulk supply/transfer	Refined Feasible
SEW_RZ2_HI-TFR_SNZ_ALL_turners-cuckfi p 10	Turners Hill to Cuckfield: 10Ml/d	External potable bulk supply/transfer	Refined Feasible
SEW_RZ2_HI-TFR_SNZ_ALL_turners-cuckfi p 25	Turners Hill to Cuckfield: 25Ml/d	External potable bulk supply/transfer	Refined Feasible
SEW_RZ2_HI-TFR_SNZ_ALL_turners-whitel p 10	Turners Hill to Whitely Hill: 10Ml/d	External potable bulk supply/transfer	Refined Feasible
SEW_RZ2_HI-TFR_SNZ_ALL_turners-whitel p 100	Turners Hill to Whitely Hill: 100Ml/d	External potable bulk supply/transfer	Refined Feasible
SEW_RZ2_HI-TFR_SNZ_ALL_turners-whitel p 25	Turners Hill to Whitely Hill: 25Ml/d	External potable bulk supply/transfer	Refined Feasible
SEW_RZ2_HI-TFR_SNZ_ALL_turners-whitel p 50	Turners Hill to Whitely Hill: 50Ml/d	External potable bulk supply/transfer	Refined Feasible
SEW_RZ2_HI-TFR_WWD_ALL_spur of-arding r 100_p1	100Ml/d Spur off Drungewick Manor to Weir Wood to Ardingly: (Phase 1 :25 Ml/d WTW)	External raw water bulk supply/transfer	Refined Feasible
SEW_RZ2_HI-TFR_WWD_ALL_spur of-arding r 100_p2	100Ml/d Spur off Drungewick Manor to Weir Wood to Ardingly: (Phase 2 :25 Ml/d WTW)	External raw water bulk supply/transfer	Refined Feasible
SEW_RZ2_HI-TFR_WWD_ALL_spur of-arding r 100_p3	100Ml/d Spur off Drungewick Manor to Weir Wood to Ardingly: (Phase 3 :25 Ml/d WTW)	External raw water bulk supply/transfer	Refined Feasible
SEW_RZ2_HI-TFR_WWD_ALL_spur of-arding r 100_p4	100Ml/d Spur off Drungewick Manor to Weir Wood to Ardingly: (Phase 4 :25 Ml/d WTW)	External raw water bulk supply/transfer	Refined Feasible
SEW_RZ2_HI-TFR_WWD_ALL_spur of-arding r 50_p1	50Ml/d Spur off Drungewick Manor to Weir Wood to Ardingly: (Phase 1 :25 Ml/d WTW)	External raw water bulk supply/transfer	Refined Feasible
SEW_RZ2_HI-TFR_WWD_ALL_spur of-arding r 50_p2	50Ml/d Spur off Drungewick Manor to Weir Wood to Ardingly: (Phase 2 :25 Ml/d WTW)	External raw water bulk supply/transfer	Refined Feasible
SEW_RZ2_RE-DRP_ALL_ALL_dmpouse	Drought permit - RZ2 - River Ouse - Summer version	Drought permits/orders	Refined Feasible
SEW_RZ2_RE-DRP_ALL_ALL_dmpouse_winter	Drought permit - RZ2 - River Ouse - Winter Version	Drought permits/orders	Refined Feasible
SEW_RZ3_HI-REU_ALL_CNO_wllrshvn-reuse_con_standard_net	Bexhill Recycling to Wallers Haven & Standard Hill SR upgrade	Water reuse	Refined Feasible
SEW_RZ3_HI-REU_ALL_CNO_wllrshvn-reuse_hazard_net	Bexhill Recycling to Wallers Haven & Standard Hill Reinforcement	Water reuse	Refined Feasible
SEW_RZ3_HI-ROC_NET_ALL_arlingt-hazard p 10	RZ3 Zonal Scheme - Arlington to Hazards Green (10Ml/d)	Trunk mains renewal/new	Refined Feasible
SEW_RZ3_HI-ROC_NET_ALL_arlingt-hazard p 20	RZ3 Zonal Scheme - Arlington to Hazards Green (20Ml/d)	Trunk mains renewal/new	Refined Feasible
SEW_RZ3_HI-TFR_RZ2_ALL_barcomb-arling p	New Company Transfer: RZ2 to RZ3 - Barcombe to Arlington (20Ml/d)	Internal potable transfer	Refined Feasible
SEW_RZ3_HI-TFR_SHZ_ALL_brede-hazard p 10	New Bulk Supply: SWS to RZ3 - Brede to Hazards Green (10 Ml/d)	External potable bulk supply/transfer	Refined Feasible
SEW_RZ3_HI-TFR_SHZ_ALL_brede-hazard p 20	New Bulk Supply: SWS to RZ3 - Brede to Hazards Green (20 Ml/d)	External potable bulk supply/transfer	Refined Feasible
SEW_RZ3_RE-DRP_ALL_ALL_dmpcuckmere	Drought permit - RZ3 - River Cuckmere - Minor Env Impact	Drought permits/orders	Refined Feasible
SEW_RZ4_HI-GRW_ALL_ALL_farnboroughchalk	ASR Confined Chalk around Farnborough	Aquifer recharge/Aquifer storage recovery	Refined Feasible
SEW_RZ4_HI-TFR_KVZ_ALL_kennet-buckhu p 15	New Bulk Supply: TWU to RZ4 - Kennet to Buckhurst (15Ml/d)	External potable bulk supply/transfer	Refined Feasible
SEW_RZ4_HI-TFR_KVZ_ALL_kennet-buckhu p 25	New Bulk Supply: TWU to RZ4 - Kennet to Buckhurst (25Ml/d)	External potable bulk supply/transfer	Refined Feasible
SEW_RZ4_HI-TFR_T2S_ALL_t2s (cu-northg p 100	New Bulk Supply: TWU to RZ4 - T2S (Culham) spur to Northgate (100Ml/d)	External potable bulk supply/transfer	Refined Feasible
SEW_RZ4_HI-TFR_T2S_ALL_t2s (cu-northg p 150	New Bulk Supply: TWU to RZ4 - T2S (Culham) spur to Northgate (150Ml/d)	External potable bulk supply/transfer	Refined Feasible
SEW_RZ4_HI-TFR_T2S_ALL_t2s (cu-northg p 50	New Bulk Supply: TWU to RZ4 - T2S (Culham) spur to Northgate (50Ml/d)	External potable bulk supply/transfer	Refined Feasible
SEW_RZ4_HI-TFR_T2S_ALL_t2s (re-northg p 100	New Bulk Supply: TWU to RZ4 - T2S (Reading) spur to Northgate (100Ml/d)	External potable bulk supply/transfer	Refined Feasible
SEW_RZ4_HI-TFR_T2S_ALL_t2s (re-northg p 150	New Bulk Supply: TWU to RZ4 - T2S (Reading) spur to Northgate (150Ml/d)	External potable bulk supply/transfer	Refined Feasible
SEW_RZ4_HI-TFR_T2S_ALL_t2s (re-northg p 50	New Bulk Supply: TWU to RZ4 - T2S (Reading) spur to Northgate (50Ml/d)	External potable bulk supply/transfer	Refined Feasible
SEW_RZ4_HI-TFR_T2S_ALL_t2s (re-northg p 80	New Bulk Supply: TWU to RZ4 - T2S (Reading) spur to Northgate (80Ml/d)	External potable bulk supply/transfer	Refined Feasible
SEW_RZ5_HI-TFR_RZ4_ALL_northga-tilmor p 10	Northgate to Tilmore: 10Ml/d	Internal potable transfer	Refined Feasible
SEW_RZ5_HI-TFR_RZ4_ALL_northga-tilmor p 10_reverse	Northgate to Tilmore: 10Ml/d (Reverse)	Internal potable transfer	Refined Feasible
SEW_RZ5_HI-TFR_RZ4_ALL_northga-tilmor p 100	Northgate to Tilmore: 100Ml/d	Internal potable transfer	Refined Feasible
SEW_RZ5_HI-TFR_RZ4_ALL_northga-tilmor p 100_reverse	Northgate to Tilmore: 100Ml/d (Reverse)	Internal potable transfer	Refined Feasible

Option ID	Option Name	Option type	Option status
SEW_RZ5_HI-TFR_RZ4_ALL_northga-tilmor p 150	Northgate to Tilmore: 150Ml/d	Internal potable transfer	Refined Feasible
SEW_RZ5_HI-TFR_RZ4_ALL_northga-tilmor p 150_reverse	Northgate to Tilmore: 150Ml/d (Reverse)	Internal potable transfer	Refined Feasible
SEW_RZ5_HI-TFR_RZ4_ALL_northga-tilmor p 50	Northgate to Tilmore: 50Ml/d	Internal potable transfer	Refined Feasible
SEW_RZ5_HI-TFR_RZ4_ALL_northga-tilmor p 50_reverse	Northgate to Tilmore: 50Ml/d (Reverse)	Internal potable transfer	Refined Feasible
SEW_RZ5_HI-TFR_RZ4_ALL_northga-tilmor p 80	Northgate to Tilmore: 80Ml/d	Internal potable transfer	Refined Feasible
SEW_RZ5_HI-TFR_RZ4_ALL_northga-tilmor p 80_reverse	Northgate to Tilmore: 80Ml/d (Reverse)	Internal potable transfer	Refined Feasible
SEW_RZ7_HI-TFR_RZ1_ALL_blackhu-bewl p	Blackhurst to Bewl: 15Ml/d	Internal potable transfer	Refined Feasible
SEW_RZ8_HI-GRW_ALL_ALL_stockbury_asr	ASR Scheme at Stockbury	Aquifer recharge/Aquifer storage recovery	Refined Feasible
SEW_RZ8_HI-REU_ALL_CNO_favershamwwtw_con	Faversham Recyling to the Stour	Water reuse	Refined Feasible
SEW_RZ8_HI-REU_ALL_CNO_hythe_eff_reuse_con	Hythe Recycling to the East Stour	Water reuse	Refined Feasible
SEW_RZ8_HI-ROC_NET_ALL_kingsno-canter p 20	New RZ8 Zonal Scheme: Kingsnorth to Canterbury (20Ml/d)	Trunk mains renewal/new	Refined Feasible
SEW_RZ8_HI-TFR_SHZ_ALL_brede-kingsn p 20	Brede to Kingsnorth: 20Ml/d	External potable bulk supply/transfer	Refined Feasible
SEW_SBZ_HI-TFR_RZ2_ALL_cuckfie-bright p 20	Cuckfield to SBZ: 20Ml/d (Reverse)	External potable bulk supply/transfer	Refined Feasible
SEW_SBZ_HI-TFR_RZ2_ALL_cuckfie-bright p 40	Cuckfield to SBZ: 40Ml/d (Reverse)	External potable bulk supply/transfer	Refined Feasible
SEW_SBZ_HI-TFR_RZ2_ALL_cuckfie-bright p 5	Cuckfield to SBZ: 5Ml/d (Reverse)	External potable bulk supply/transfer	Refined Feasible
SEW_SHZ_HI-TFR_RZ3_ALL_arlingt-brede p 10	Arlington to Rye: 10Ml/d (Reverse)	External potable bulk supply/transfer	Refined Feasible
SEW_SHZ_HI-TFR_RZ3_ALL_arlingt-brede p 20	Arlington to Rye: 20Ml/d (Reverse)	External potable bulk supply/transfer	Refined Feasible
SEW_swalecliffe_group	Swalecliffe Recycling to the Great Stour	Water reuse	Refined Feasible
SEW_t2stnorthgate(culham)	10Ml/d Water Treatment works - Linked to T2S Northgate option (from Culham)	Water treatment works capacity increase	Refined Feasible
SEW_t2stnorthgate(reading)	10Ml/d Water Treatment works - Linked to T2S Northgate option (from Reading)	Water treatment works capacity increase	Refined Feasible
SEW_t2stwhitedown(culham)	10Ml/d Water Treatment works - Linked to T2S Whitedown option (from Culham)	Water treatment works capacity increase	Refined Feasible
SEW_t2stwhitedown(reading)	10Ml/d Water Treatment works - Linked to T2S Whitedown option (from Reading)	Water treatment works capacity increase	Refined Feasible
SEW_weatherlees_group	Weatherlees Recycling to the Great Stour	Water reuse	Refined Feasible
SEW_weir wood-rz6 r	Weir Wood to RZ6: 10000Ml/d	External raw water bulk supply/transfer	Refined Feasible
SEW_weir wood-rz7 r	Weir Wood to RZ7: 10000Ml/d	External raw water bulk supply/transfer	Refined Feasible
SEW_gov-led low hybrid	Demand Management: Gov-led Low	Water efficiency customer education / awareness	Refined Feasible
SWS_STR_HI-RSR_RE1_CNO_abingdon150(lon)	New Reservoir - SESRO 150Mm3 (SWS: 29%)	New reservoir	Refined Feasible
SWS_STR_HI-RSR_RE1_CNO_abingdon125(lon)	New Reservoir - SESRO 125Mm3 (SWS: 29%)	New reservoir	Refined Feasible
SWS_STR_HI-RSR_RE1_CNO_abingdon30+100p1	New Reservoir - SESRO 30+100Mm3 - Phase 1: (SWS: 29%)	New reservoir	Refined Feasible
SWS_STR_HI-RSR_RE1_CNO_abingdon75(lon)	New Reservoir - SESRO 75Mm3 (SWS: 29%)	New reservoir	Refined Feasible
SWS_STR_HI-RSR_RE1_CNO_abingdon80+42p1	New Reservoir - SESRO 80+42Mm3 - Phase 1: (SWS: 29%)	New reservoir	Refined Feasible
SWS_STR_HI-RSR_RE2_CNO_abingdon30+100p2	New Reservoir - SESRO 30+100mm3 - Phase 2: (SWS: 29%)	New reservoir	Refined Feasible
SWS_STR_HI-RSR_RE2_CNO_abingdon80+42p2	New Reservoir - SESRO 80+42Mm3 - Phase 2: (SWS: 29%)	New reservoir	Refined Feasible
SWS_burham-riverhil p reverse	Riverhill to Burham: 30Ml/d	External potable bulk supply/transfer	Refined Feasible
SWS_cm_p2_adur ouse	Catchment Management Portfolio 2: Adur and Ouse	Catchment management	Refined Feasible
SWS_cm_p2_arun west	Catchment Management Portfolio 2: Arun and Western Streams	Catchment management	Refined Feasible
SWS_cm_p2_cuckmere pev	Catchment Management Portfolio 2: Cuckmere and Pevensey Levels	Catchment management	Refined Feasible
SWS_cm_p2_kennet trib	Catchment Management Portfolio 2: Kennet and tributaries	Catchment management	Refined Feasible
SWS_cm_p2_kent north	Catchment Management Portfolio 2: North Kent	Catchment management	Refined Feasible
SWS_cm_p2_medway	Catchment Management Portfolio 2: Medway	Catchment management	Refined Feasible
SWS_cm_p2_rother	Catchment Management Portfolio 2: Rother	Catchment management	Refined Feasible
SWS_cm_p2_stour	Catchment Management Portfolio 2: Stour	Catchment management	Refined Feasible
SWS_cm_p2_test itchen	Catchment Management Portfolio 2: Test and Itchen	Catchment management	Refined Feasible
SWS_cm_p3_adur ouse	Catchment Management Portfolio 3: Adur and Ouse	Catchment management	Refined Feasible
SWS_cm_p3_arun west	Catchment Management Portfolio 3: Arun and Western Streams	Catchment management	Refined Feasible
SWS_cm_p3_cuckmere pev	Catchment Management Portfolio 3: Cuckmere and Pevensey Levels	Catchment management	Refined Feasible
SWS_cm_p3_kennet trib	Catchment Management Portfolio 3: Kennet and tributaries	Catchment management	Refined Feasible
SWS_cm_p3_kent north	Catchment Management Portfolio 3: North Kent	Catchment management	Refined Feasible
SWS_cm_p3_medway	Catchment Management Portfolio 3: Medway	Catchment management	Refined Feasible
SWS_cm_p3_rother	Catchment Management Portfolio 3: Rother	Catchment management	Refined Feasible
SWS_cm_p3_stour	Catchment Management Portfolio 3: Stour	Catchment management	Refined Feasible
SWS_cm_p3_test itchen	Catchment Management Portfolio 3: Test and Itchen	Catchment management	Refined Feasible
SWS_HAZ_EF-OTR_ALL_ALL_emergency deficit	Drought Operational Management - HAZ	Outage reduction	Refined Feasible
SWS_HAZ_HI-TFR_T2S_ALL_read to and pot	TWUL to HAZ potable	External potable bulk supply/transfer	Refined Feasible
SWS_HKZ_EF-OTR_ALL_ALL_emergency deficit	Drought Operational Management - HKZ	Outage reduction	Refined Feasible
SWS_HKZ_HI-TFR_T2S_ALL_read to king pot	TWUL to HKZ potable	External potable bulk supply/transfer	Refined Feasible
SWS_HRZ_EF-OTR_ALL_ALL_emergency deficit	Drought Operational Management - HRZ	Outage reduction	Refined Feasible
SWS_HSE_HI-REU_RE1_CNO_por13	Recycling: Portswood WwTW (9.6Ml/d)	Water reuse	Refined Feasible
SWS_HSE_HI-REU_RE1_CNO_por9	Recycling: Portswood WwTW (8.1Ml/d)	Water reuse	Refined Feasible
SWS_HSE_HI-RSR_RE1_CNO_brl1	Storage: Convert and extend Broadlands Lake (5.7Ml/d)	New reservoir	Refined Feasible
SWS_HSE_HI-RSR_RE1_CNO_brl2	Storage: Convert and extend Broadlands Lake (17.5Ml/d)	New reservoir	Refined Feasible
SWS_HSE_RE-DRO_ALL_ALL_si_ott2	Drought option: Lower Itchen (g/w and s/w sources) Drought Order (from 2027 onwards)	Drought permits/orders	Refined Feasible
SWS_HSW_BG-CAT_ALL_ALL_cm_p2_new forest	Catchment Management Portfolio 2: New Forest	Catchment management	Refined Feasible
SWS_HSW_BG-CAT_ALL_ALL_cm_p3_new forest	Catchment Management Portfolio 3: New Forest	Catchment management	Refined Feasible
SWS_HSW_EF-OTR_ALL_ALL_emergency deficit	Drought Operational Management - HSE	Outage reduction	Refined Feasible
SWS_HSW_HI-DES_ALL_ALL_sw desal m100 p2	Desalination: Southampton West - transfer to Lower Test WSW (modular 100-200Ml/d) (2	Desalination	Refined Feasible
SWS_HSW_HI-DES_ALL_ALL_sw desal m75 p2	Desalination: Southampton West - transfer to Lower Test WSW (modular 75-150Ml/d) (15	Desalination	Refined Feasible
SWS_HSW_HI-DES_ALL_CNO_ds_faw40	Desalination: Southampton West (40Ml/d)	Desalination	Refined Feasible
SWS_HSW_HI-DES_ALL_CNO_ds_faw61	Desalination: Southampton West (61Ml/d)	Desalination	Refined Feasible
SWS_HSW_HI-DES_ALL_CNO_ds_faw75	Desalination: Southampton West (75Ml/d)	Desalination	Refined Feasible
SWS_HSW_HI-DES_ALL_CNO_sw desal 100	Desalination: Southampton West (100Ml/d)	Desalination	Refined Feasible
SWS_HSW_HI-DES_ALL_CNO_sw desal 150	Desalination: Southampton West (150Ml/d)	Desalination	Refined Feasible
SWS_HSW_HI-DES_ALL_CNO_sw desal 200	Desalination: Southampton West (200Ml/d)	Desalination	Refined Feasible
SWS_HSW_HI-DES_ALL_CNO_sw desal m100	Desalination: Southampton West - transfer to Lower Test (modular 100-200Ml/d) (100Ml/	Desalination	Refined Feasible
SWS_HSW_HI-DES_ALL_CNO_sw desal m75	Desalination: Southampton West - transfer to Lower Test (modular 75-150Ml/d) (75Ml/d)	Desalination	Refined Feasible
SWS_HSW_HI-IMP_HSW_ALL_bs_kna_westi	Import from SWW	External potable bulk supply/transfer	Refined Feasible
SWS_HSW_RE-DRO_ALL_ALL_si_tesdo2_v2	Test surface water Drought Order (2027-2051)	Drought permits/orders	Refined Feasible
SWS_HSW_RE-DRO_ALL_ALL_si_tesdo2_v3	Test surface water Drought Order (2027-2046)	Drought permits/orders	Refined Feasible
SWS_HSW_RE-DRO_ALL_ALL_si_tesdo2_v4	Test surface water Drought Order (2027-2036)	Drought permits/orders	Refined Feasible
SWS_HSW_RE-DRO_ALL_ALL_si_tesdo2_v5	Test surface water Drought Order (from 2027 onwards)	Drought permits/orders	Refined Feasible
SWS_HSW_RE-TFR_ALL_ALL_wlvl-seatanker	Waterlevel Extreme Drought Resilience Service (based upon insurance proposal)	International import	Refined Feasible
SWS_HSW_RE-TFR_ALL_ALL_wlvl-seatanker-v2	Waterlevel Extreme Drought Resilience Service (without insurance)	International import	Refined Feasible
SWS_HWZ_EF-OTR_ALL_ALL_emergency deficit	Drought Operational Management - HWZ	Outage reduction	Refined Feasible
SWS_IOW_BG-CAT_ALL_ALL_cm_p1_isle of wight	Catchment Management Portfolio 1: Isle of Wight	Catchment management	Refined Feasible
SWS_IOW_BG-CAT_ALL_ALL_cm_p2_isle of wight	Catchment Management Portfolio 2: Isle of Wight	Catchment management	Refined Feasible
SWS_IOW_BG-CAT_ALL_ALL_cm_p3_isle of wight	Catchment Management Portfolio 3: Isle of Wight	Catchment management	Refined Feasible
SWS_IOW_EF-OTR_ALL_ALL_emergency deficit	Drought Operational Management - IOW	Outage reduction	Refined Feasible
SWS_IOW_HI-ROC_ALL_ALL_env_lv_yar_westi_v2	Drought option: Modification of operational rules for the Eastern Yar scheme (ends in 205	Trunk mains renewal/new	Refined Feasible
SWS_IOW_HI-ROC_ALL_ALL_env_lv_yar_westi_v3	Drought option: Modification of operational rules for the Eastern Yar scheme (ends in 204	Trunk mains renewal/new	Refined Feasible
SWS_IOW_HI-ROC_ALL_ALL_env_lv_yar_westi_v4	Drought option: Modification of operational rules for the Eastern Yar scheme (ends in 203	Trunk mains renewal/new	Refined Feasible
SWS_IOW_HI-ROC_ALL_ALL_env_lv_yar_westi_v5	Drought option: Modification of operational rules for the Eastern Yar scheme (no end)	Trunk mains renewal/new	Refined Feasible
SWS_IOW_RE-DRO_ALL_ALL_env_lv_cal_westi_v2	Drought option: Caul Bourne reduce MRF (to 2051)	Drought permits/orders	Refined Feasible
SWS_IOW_RE-DRO_ALL_ALL_env_lv_cal_westi_v3	Drought option: Caul Bourne reduce MRF (to 2046)	Drought permits/orders	Refined Feasible
SWS_IOW_RE-DRO_ALL_ALL_env_lv_cal_westi_v4	Drought option: Caul Bourne reduce MRF (to 2036)	Drought permits/orders	Refined Feasible
SWS_IOW_RE-DRO_ALL_ALL_env_lv_cal_westi_v5	Drought option: Caul Bourne reduce MRF (no end)	Drought permits/orders	Refined Feasible
SWS_IOW_RE-DRP_ALL_ALL_env_lv_bow_westi_v2	Drought option: relaxation of Lukely Brook (to 2051)	Drought permits/orders	Refined Feasible
SWS_IOW_RE-DRP_ALL_ALL_env_lv_bow_westi_v3	Drought option: relaxation of Lukely Brook (to 2046)	Drought permits/orders	Refined Feasible
SWS_IOW_RE-DRP_ALL_ALL_env_lv_bow_westi_v4	Drought option: relaxation of Lukely Brook (to 2036)	Drought permits/orders	Refined Feasible
SWS_IOW_RE-DRP_ALL_ALL_env_lv_bow_westi_v5	Drought option: relaxation of Lukely Brook (no end)	Drought permits/orders	Refined Feasible
SWS_KME_EF-OTR_ALL_ALL_emergency deficit	Drought Operational Management - KME	Outage reduction	Refined Feasible
SWS_KME_RE-DRO_ALL_ALL_si_ket2_v2	Faversham sources Drought Permit/Order (2025-2051)	Drought permits/orders	Refined Feasible
SWS_KME_RE-DRO_ALL_ALL_si_ket2_v3	Faversham sources Drought Permit/Order (2025-2046)	Drought permits/orders	Refined Feasible
SWS_KME_RE-DRO_ALL_ALL_si_ket2_v4	Faversham sources Drought Permit/Order (2025-2036)	Drought permits/orders	Refined Feasible
SWS_KME_RE-DRO_ALL_ALL_si_ket2_v5	Faversham sources Drought Permit/Order (2025 onwards)	Drought permits/orders	Refined Feasible
SWS_KME_RE-TFR_ALL_ALL_wlvl-seatanker	Waterlevel Extreme Drought Resilience Service (based upon insurance proposal)	International import	Refined Feasible
SWS_KME_RE-TFR_ALL_ALL_wlvl-seatanker-v2	Waterlevel Extreme Drought Resilience Service (without insurance)	International import	Refined Feasible
SWS_KMW_EF-OTR_ALL_ALL_emergency deficit	Drought Operational Management - KMW	Outage reduction	Refined Feasible
SWS_KMW_RE-DRO_ALL_ALL_si_bew2_v2	River Medway Scheme (stages 1 to 4) Drought Permit/Order (2025 Onwards)	Drought permits/orders	Refined Feasible

Option ID	Option Name	Option type	Option status
SWS_KMW_RE-DRO_ALL_ALL_si_bew2_v3	River Medway Scheme (stages 1 to 4) Drought Permit/Order (2025 Onwards)	Drought permits/orders	Refined Feasible
SWS_KMW_RE-DRO_ALL_ALL_si_bew2_v4	River Medway Scheme (stages 1 to 4) Drought Permit/Order (2025 Onwards)	Drought permits/orders	Refined Feasible
SWS_KMW_RE-DRO_ALL_ALL_si_bew2_v5	Drougth option: Bewl Water/River Medway Scheme (stages 1 to 4) Drought Permit/Order (	Drought permits/orders	Refined Feasible
SWS_KMW_RE-TFR_ALL_ALL_wlvl-seatanker	Waterlevel Extreme Drought Resilience Service (based upon insurance proposal)	International import	Refined Feasible
SWS_KMW_RE-TFR_ALL_ALL_wlvl-seatanker-v2	Waterlevel Extreme Drought Resilience Service (without insurance)	International import	Refined Feasible
SWS_KTZ_EF-OTR_ALL_ALL_emergency deficit	Drought Operational Management - KTZ	Outage reduction	Refined Feasible
SWS_KTZ_HI-TFR_RZ8_ALL_canterb-wingha p 40	Canterbury (Broad Oak) to near Canterbury GW (40 Ml/d)	External potable bulk supply/transfer	Refined Feasible
SWS_KTZ_HI-TFR_RZ8_ALL_canterb-wingha p 60	Canterbury (Broad Oak) to near Canterbury GW (60 Ml/d)	External potable bulk supply/transfer	Refined Feasible
SWS_KTZ_RE-DRO_ALL_ALL_si_woo2_v2	Sandwich Drought Permit/Order (2025-2051)	Drought permits/orders	Refined Feasible
SWS_KTZ_RE-DRO_ALL_ALL_si_woo2_v3	Sandwich Drought Permit/Order (2025-2046)	Drought permits/orders	Refined Feasible
SWS_KTZ_RE-DRO_ALL_ALL_si_woo2_v4	Sandwich Drought Permit/Order (2025-2036)	Drought permits/orders	Refined Feasible
SWS_KTZ_RE-DRO_ALL_ALL_si_woo2_v5	Sandwich Drought Permit/Order (2025 onwards)	Drought permits/orders	Refined Feasible
SWS_OTT_HI-REU_RE1_CNO_bpcm60	Recycling: Combine Budds Farm & Peel Common WwTWs to River Itchen (modular 0-60Ml	Water reuse	Refined Feasible
SWS_OTT_HI-REU_RE1_CNO_sro_b0_40	Recycling: Budds Farm WwTW to Upper River Itchen (40Ml/d)	Water reuse	Refined Feasible
SWS_OTT_HI-REU_RE2_ALL_bpcm90	Recycling: Combine Budds Farm & Peel Common WwTWs to River Itchen (modular 60-90M	Water reuse	Refined Feasible
SWS_otterbour-gaters m p_reverse	Gaters Mill to Otterbourne	External potable bulk supply/transfer	Refined Feasible
SWS_RZ2_HI-TFR_SBZ_ALL_brighto-barcom p 20	Brighton to Barcombe: 20Ml/d (Reverse)	External potable bulk supply/transfer	Refined Feasible
SWS_RZ2_HI-TFR_SBZ_ALL_brighto-barcom p 40	Brighton to Barcombe: 40Ml/d (Reverse)	External potable bulk supply/transfer	Refined Feasible
SWS_RZ2_HI-TFR_SBZ_ALL_brighto-barcom p 5	Brighton to Barcombe: 5Ml/d (Reverse)	External potable bulk supply/transfer	Refined Feasible
SWS_RZ2_HI-TFR_SNZ_ALL_hardham-cuckfi p 15	Hardham to Cuckfield: 15Ml/d (Reverse)	External potable bulk supply/transfer	Refined Feasible
SWS_RZ2_HI-TFR_SNZ_ALL_hardham-cuckfi p 50	Hardham to Cuckfield: 50Ml/d (Reverse)	External potable bulk supply/transfer	Refined Feasible
SWS_RZ2_HI-TFR_SNZ_ALL_turners-cuckfi p 10	Turners Hill to Cuckfield: 10Ml/d (Reverse)	External potable bulk supply/transfer	Refined Feasible
SWS_RZ2_HI-TFR_SNZ_ALL_turners-cuckfi p 25	Turners Hill to Cuckfield: 25Ml/d (Reverse)	External potable bulk supply/transfer	Refined Feasible
SWS_RZ2_HI-TFR_SNZ_ALL_turners-whitel p 10	Turners Hill to Whitely Hill: 10Ml/d (Reverse)	External potable bulk supply/transfer	Refined Feasible
SWS_RZ2_HI-TFR_SNZ_ALL_turners-whitel p 100	Turners Hill to Whitely Hill: 100Ml/d (Reverse)	External potable bulk supply/transfer	Refined Feasible
SWS_RZ2_HI-TFR_SNZ_ALL_turners-whitel p 25	Turners Hill to Whitely Hill: 25Ml/d (Reverse)	External potable bulk supply/transfer	Refined Feasible
SWS_RZ2_HI-TFR_SNZ_ALL_turners-whitel p 50	Turners Hill to Whitely Hill: 50Ml/d (Reverse)	External potable bulk supply/transfer	Refined Feasible
SWS_RZ3_HI-TFR_SHZ_ALL_brede-hazard p 10	Brede to Hazards Green: 10Ml/d (Reverse)	External potable bulk supply/transfer	Refined Feasible
SWS_RZ3_HI-TFR_SHZ_ALL_brede-hazard p 20	Brede to Hazards Green: 20Ml/d (Reverse)	External potable bulk supply/transfer	Refined Feasible
SWS_RZ8_HI-TFR_SHZ_ALL_brede-kingsn p 20	Brede to Kingsnorth: 20Ml/d (Reverse)	External potable bulk supply/transfer	Refined Feasible
SWS_SBZ_HI-TFR_RZ2_ALL_cuckfie-bright p 20	Cuckfield to SBZ: 20Ml/d	External potable bulk supply/transfer	Refined Feasible
SWS_SBZ_HI-TFR_RZ2_ALL_cuckfie-bright p 40	Cuckfield to SBZ: 40Ml/d	External potable bulk supply/transfer	Refined Feasible
SWS_SBZ_HI-TFR_RZ2_ALL_cuckfie-bright p 5	Cuckfield to SBZ: 5Ml/d	External potable bulk supply/transfer	Refined Feasible
SWS_SHZ_EF-OTR_ALL_ALL_emergency deficit	Drought Operational Management - SHZ	Outage reduction	Refined Feasible
SWS_SHZ_HI-TFR_RZ3_ALL_arlingt-brede p 10	Arlington to Rye: 10Ml/d	External potable bulk supply/transfer	Refined Feasible
SWS_SHZ_HI-TFR_RZ3_ALL_arlingt-brede p 20	Arlington to Rye: 20Ml/d	External potable bulk supply/transfer	Refined Feasible
SWS_SHZ_RE-DRO_ALL_ALL_si_dar2_v2	Drought option: Darwell Reservoir (stages 1 (freshet removal) to 3) Drought Permit/Order (	Drought permits/orders	Refined Feasible
SWS_SHZ_RE-DRO_ALL_ALL_si_dar2_v3	Drought option: Darwell Reservoir (stages 1 (freshet removal) to 3) Drought Permit/Order (	Drought permits/orders	Refined Feasible
SWS_SHZ_RE-DRO_ALL_ALL_si_dar2_v4	Drought option: Darwell Reservoir (stages 1 (freshet removal) to 3) Drought Permit/Order (	Drought permits/orders	Refined Feasible
SWS_SHZ_RE-DRO_ALL_ALL_si_dar2_v5	Drought option: Darwell Reservoir (stages 1 (freshet removal) to 3) Drought Permit/Order (	Drought permits/orders	Refined Feasible
SWS_SNZ_EF-OTR_ALL_ALL_emergency deficit	Drought Operational Management - SNZ	Outage reduction	Refined Feasible
SWS_SNZ_HI-ROC_WT1_ALL_hardham treatment	Drungewick Manor to Pulborough including WTW	Internal raw water transfer	Refined Feasible
SWS_SNZ_HI-ROC_WT2_ALL_hardham treatment	Drungewick Manor to Pulborough Phase 2 including WTW	Internal raw water transfer	Refined Feasible
SWS_SNZ_HI-ROC_WT3_ALL_hardham treatment	Drungewick Manor to Pulborough Phase 3 including WTW	Internal raw water transfer	Refined Feasible
SWS_SNZ_HI-ROC_WT4_ALL_hardham treatment	Drungewick Manor to Pulborough Phase 4 including WTW	Internal raw water transfer	Refined Feasible
SWS_SNZ_HI-ROC_WT5_ALL_hardham treatment	Drungewick Manor to Pulborough Phase 8 including WTW	Internal raw water transfer	Refined Feasible
SWS_SNZ_HI-ROC_WT6_ALL_hardham treatment	Drungewick Manor to Pulborough Phase 6 including WTW	Internal raw water transfer	Refined Feasible
SWS_SNZ_HI-ROC_WT7_ALL_hardham treatment	Drungewick Manor to Pulborough Phase 7 including WTW	Internal raw water transfer	Refined Feasible
SWS_SNZ_HI-ROC_WT8_ALL_hardham treatment	Drungewick Manor to Pulborough Phase 8 including WTW	Internal raw water transfer	Refined Feasible
SWS_SNZ_HI-TFR_GUI_ALL_shalfor-hardha p 10	Shalford to Pulborough: 10Ml/d	External potable bulk supply/transfer	Refined Feasible
SWS_SNZ_HI-TFR_GUI_ALL_shalfor-hardha p 10_reverse	Shalford to Pulborough: 10Ml/d (Reverse)	External potable bulk supply/transfer	Refined Feasible
SWS_SNZ_HI-TFR_GUI_ALL_shalfor-hardha p 20	Shalford to Pulborough: 20Ml/d	External potable bulk supply/transfer	Refined Feasible
SWS_SNZ_HI-TFR_GUI_ALL_shalfor-hardha p 20_reverse	Shalford to Pulborough: 20Ml/d (Reverse)	External potable bulk supply/transfer	Refined Feasible
SWS_SNZ_HI-TFR_GUI_ALL_shalfor-hardha p 40	Shalford to Pulborough: 40Ml/d	External potable bulk supply/transfer	Refined Feasible
SWS_SNZ_HI-TFR_GUI_ALL_shalfor-hardha p 40_reverse	Shalford to Pulborough: 40Ml/d (Reverse)	External potable bulk supply/transfer	Refined Feasible
SWS_SNZ_HI-TFR_PWE_ALL_havant -hardha r 100	Havant Thicket To Pulborough WTW: 100Ml/d WTW Phase 1	External raw water bulk supply/transfer	Refined Feasible
SWS_SNZ_HI-TFR_RZ5_ALL_tilmore-hardha p 80	Tilmore to Pulborough: 80Ml/d	External potable bulk supply/transfer	Refined Feasible
SWS_SNZ_HI-TFR_SES_ALL_outwood-turner p 100	Outwood To Turners Hill: 100Ml/d	External potable bulk supply/transfer	Refined Feasible
SWS_SNZ_HI-TFR_SES_ALL_outwood-turner p 50	Outwood To Turners Hill: 50Ml/d	External potable bulk supply/transfer	Refined Feasible
SWS_SNZ_RE-DRO_ALL_ALL_si_har_2_v2	Drought option: Pulborough Surface water (Phases 1-3) Drought Permit/Order (2025-2051	Drought permits/orders	Refined Feasible
SWS_SNZ_RE-DRO_ALL_ALL_si_har_2_v3	Drought option: Pulborough Surface water (Phases 1-3) Drought Permit/Order (2025-2046	Drought permits/orders	Refined Feasible
SWS_SNZ_RE-DRO_ALL_ALL_si_har_2_v4	Drought option: Pulborough Surface water (Phases 1-3) Drought Permit/Order (2025-2036	Drought permits/orders	Refined Feasible
SWS_SNZ_RE-DRO_ALL_ALL_si_har_2_v5	Drought option: Pulborough Surface water (Phases 1-3) Drought Permit/Order (2025 onwa	Drought permits/orders	Refined Feasible
SWS_SNZ_RE-DRO_ALL_ALL_si_wei_2_v2	Drought option: Weir Wood reservoir Drought Permit/Order (2025-2051)	Drought permits/orders	Refined Feasible
SWS_SNZ_RE-DRO_ALL_ALL_si_wei_2_v3	Drought option: Weir Wood reservoir Drought Permit/Order (2025-2046)	Drought permits/orders	Refined Feasible
SWS_SNZ_RE-DRO_ALL_ALL_si_wei_2_v4	Drought option: Weir Wood reservoir Drought Permit/Order (2025-2036)	Drought permits/orders	Refined Feasible
SWS_SNZ_RE-DRO_ALL_ALL_si_wei_2_v5	Drought option: Weir Wood reservoir Drought Permit/Order (2025 onwards)	Drought permits/orders	Refined Feasible
SWS_STT_HI-RAB_RE1_ALL_c2-300-mythe_15	STT Canal: Mythe abstraction reduction (15MId) (SWS: 19%)	External raw water bulk supply/transfer	Refined Feasible
SWS_STT_HI-RAB_RE1_ALL_c4-300-vyrnwy_50	STT Canal: Vyrnwy Reservoir river release (50MId) (SWS: 19%)	External raw water bulk supply/transfer	Refined Feasible
SWS_STT_HI-RAB_RE1_ALL_c5-300-vyrnwy_75	STT Canal: Additional 25MId for a total Vyrnwy Reservoir river release (75MId) (SWS: 19%)	External raw water bulk supply/transfer	Refined Feasible
SWS_STT_HI-RAB_RE1_ALL_c6-300-shrewsbury_25	STT Canal: River Vyrnwy Mitigation – Shrewsbury Redeployment (25MId) (SWS: 19%)	External raw water bulk supply/transfer	Refined Feasible
SWS_STT_HI-RAB_RE1_ALL_p2-300-mythe_15	STT 300: Mythe abstraction reduction (15MId) (SWS: 19%)	External raw water bulk supply/transfer	Refined Feasible
SWS_STT_HI-RAB_RE1_ALL_p2-400-mythe_15	STT 400: Mythe abstraction reduction (15MId) (SWS: 19%)	External raw water bulk supply/transfer	Refined Feasible
SWS_STT_HI-RAB_RE1_ALL_p2-500-mythe_15	STT 500: Mythe abstraction reduction (15MId) (SWS: 19%)	External raw water bulk supply/transfer	Refined Feasible
SWS_STT_HI-RAB_RE1_ALL_p3-300-vyrnwy_50	STT 300: Vyrnwy Reservoir river release (50MId) (SWS: 19%)	External raw water bulk supply/transfer	Refined Feasible
SWS_STT_HI-RAB_RE1_ALL_p3-400-vyrnwy_50	STT 400: Vyrnwy Reservoir river release (50MId) (SWS: 19%)	External raw water bulk supply/transfer	Refined Feasible
SWS_STT_HI-RAB_RE1_ALL_p3-500-vyrnwy_50	STT 500: Vyrnwy Reservoir river release (50MId) (SWS: 19%)	External raw water bulk supply/transfer	Refined Feasible
SWS_STT_HI-RAB_RE1_ALL_p4-300-vyrnwy_75	STT 300: Additional 25MId for a total Vyrnwy Reservoir river release (75MId) (SWS: 19%)	External raw water bulk supply/transfer	Refined Feasible
SWS_STT_HI-RAB_RE1_ALL_p4-400-vyrnwy_75	STT 400: Additional 25MId for a total Vyrnwy Reservoir river release (75MId) (SWS: 19%)	External raw water bulk supply/transfer	Refined Feasible
SWS_STT_HI-RAB_RE1_ALL_p4-500-vyrnwy_75	STT 500: Additional 25MId for a total Vyrnwy Reservoir river release (75MId) (SWS: 19%)	External raw water bulk supply/transfer	Refined Feasible
SWS_STT_HI-RAB_RE1_ALL_p6-300-shrewsbury_25	STT 300: River Vyrnwy Mitigation – Shrewsbury Redeployment (25MId) (SWS: 19%)	External raw water bulk supply/transfer	Refined Feasible
SWS_STT_HI-RAB_RE1_ALL_p6-400-shrewsbury_25	STT 400: River Vyrnwy Mitigation – Shrewsbury Redeployment (25MId) (SWS: 19%)	External raw water bulk supply/transfer	Refined Feasible
SWS_STT_HI-RAB_RE1_ALL_p6-500-shrewsbury_25	STT 500: River Vyrnwy Mitigation – Shrewsbury Redeployment (25MId) (SWS: 19%)	External raw water bulk supply/transfer	Refined Feasible
SWS_SWZ_EF-OTR_ALL_ALL_emergency deficit	EMERGENCY DEFICIT Sussex Worthing	Outage reduction	Refined Feasible
SWS_SWZ_RE-DRO_ALL_ALL_dp_nor_2_v2	Drought option: East Worthing Drought Permit/Order (2025-2051)	Drought permits/orders	Refined Feasible
SWS_SWZ_RE-DRO_ALL_ALL_dp_nor_2_v3	Drought option: East Worthing Drought Permit/Order (2025-2046)	Drought permits/orders	Refined Feasible
SWS_SWZ_RE-DRO_ALL_ALL_dp_nor_2_v4	Drought option: East Worthing Drought Permit/Order (2025-2036)	Drought permits/orders	Refined Feasible
SWS_SWZ_RE-DRO_ALL_ALL_dp_nor_2_v5	Drought option: East Worthing Drought Permit/Order (2025 onwards)	Drought permits/orders	Refined Feasible
SWS_SWZ_RE-DRO_ALL_ALL_si_mad_2_v2	Drought option: North Arundel Drought Permit/Order (2025-2051)	Drought permits/orders	Refined Feasible
SWS_SWZ_RE-DRO_ALL_ALL_si_mad_2_v3	Drought option: North Arundel Drought Permit/Order (2025-2046)	Drought permits/orders	Refined Feasible
SWS_SWZ_RE-DRO_ALL_ALL_si_mad_2_v4	Drought option: North Arundel Drought Permit/Order (2025-2036)	Drought permits/orders	Refined Feasible
SWS_SWZ_RE-DRO_ALL_ALL_si_mad_2_v5	Drought option: North Arundel Drought Permit/Order (2025 onwards)	Drought permits/orders	Refined Feasible
SWS_t2st_read_ott_120_p	T2ST 120 Ml/d Potable Reading-Otterbourne	External potable bulk supply/transfer	Refined Feasible
SWS_t2st_read_ott_120_p_24	T2ST 120 Ml/d Potable Reading-Otterbourne (25 Ml/d WTW Phase 1)	External potable bulk supply/transfer	Refined Feasible
SWS_t2st_read_ott_120_p_24_p2	T2ST 120 Ml/d Potable Reading-Otterbourne (25 Ml/d WTW Phase 2)	External potable bulk supply/transfer	Refined Feasible
SWS_t2st_read_ott_120_p_24_p3	T2ST 120 Ml/d Potable Reading-Otterbourne (25 Ml/d WTW Phase 3)	External potable bulk supply/transfer	Refined Feasible
SWS_t2st_read_ott_120_p_24_p4	T2ST 120 Ml/d Potable Reading-Otterbourne (25 Ml/d WTW Phase 4)	External potable bulk supply/transfer	Refined Feasible
SWS_t2st_read_ott_120_p_24_p5	T2ST 120 Ml/d Potable Reading-Otterbourne (25 Ml/d WTW Phase 5)	External potable bulk supply/transfer	Refined Feasible
SWS_t2st_read_ott_200_p_24	T2ST 200 Ml/d Potable Reading-Otterbourne (120 Ml/d WTW Phase 1)	External potable bulk supply/transfer	Refined Feasible
SWS_t2st_read_ott_200_p_24_p2	T2ST 200 Ml/d Potable Reading-Otterbourne (25 Ml/d WTW Phase 2)	External potable bulk supply/transfer	Refined Feasible
SWS_t2st_read_ott_200_p_24_p3	T2ST 200 Ml/d Potable Reading-Otterbourne (25 Ml/d WTW Phase 3)	External potable bulk supply/transfer	Refined Feasible
SWS_t2st_read_ott_200_p_24_p4	T2ST 200 Ml/d Potable Reading-Otterbourne (25 Ml/d WTW Phase 4)	External potable bulk supply/transfer	Refined Feasible
SWS_t2st_read_ott_50_p	T2ST 50 Ml/d Potable Reading-Otterbourne	External potable bulk supply/transfer	Refined Feasible
SWS_t2st_read_ott_50_p_24	T2ST 50 Ml/d Potable Reading-Otterbourne (25 Ml/d WTW Phase 1)	External potable bulk supply/transfer	Refined Feasible
SWS_t2st_read_ott_50_p_24_p2	T2ST 50 Ml/d Potable Reading-Otterbourne (25 Ml/d WTW Phase 2)	External potable bulk supply/transfer	Refined Feasible
SWS_t2st_read_ott_80_p	T2ST 80 Ml/d Potable Reading-Otterbourne	External potable bulk supply/transfer	Refined Feasible
SWS_t2st_read_ott_80_p_24	T2ST 80 Ml/d Potable Reading-Otterbourne (25 Ml/d WTW Phase 1)	External potable bulk supply/transfer	Refined Feasible
SWS_t2st_read_ott_80_p_24_p2	T2ST 80 Ml/d Potable Reading-Otterbourne (25 Ml/d WTW Phase 2)	External potable bulk supply/transfer	Refined Feasible

Option ID	Option Name	Option type	Option status
SWS_t2st_read_ott_80_p_24_p3	T2ST 80 Ml/d Potable Reading-Otterbourne (25 Ml/d WTW Phase 3)	External potable bulk supply/transfer	Refined Feasible
SWS_TWD_HI-IMP_TWD_ALL_sww resource	WCS SRO Poole Effluent Raw Transfer	External raw water bulk supply/transfer	Refined Feasible
SWS_TWJ_HI-TFR_UTC_ALL_chertse-drunge r 100	Chertsey to Drungewick Manor: 100Ml/d	External raw water bulk supply/transfer	Refined Feasible
SWS_TWJ_HI-TFR_UTC_ALL_chertse-drunge r 50	Chertsey to Drungewick Manor: 50Ml/d	External raw water bulk supply/transfer	Refined Feasible
SWS_weir wood-kmw r	Weir Wood to KMW: 10000Ml/d	Internal raw water transfer	Refined Feasible
SWS_wsx 2 sws group	WSX SR to Lower Test WSW	New reservoir	Refined Feasible
SWS_WWD_HI-REU_RE1_CNO_env_cu_wei_conju	Recycling: Crawley WTW conjunctive use with Weir Wood reservoir (19.7Ml/d)	Water reuse	Refined Feasible
SWS_WWD_HI-TFR_TWJ_ALL_drungew-weir w r 100	Drungewick Manor to Weir Wood: 100Ml/d	Internal raw water transfer	Refined Feasible
SWS_WWD_HI-TFR_TWJ_ALL_drungew-weir w r 50	Drungewick Manor to Weir Wood: 50Ml/d	Internal raw water transfer	Refined Feasible
TWU_STR_HI-RSR_RE1_CNO_abingdon150(lon)	New Reservoir - SESRO 150Mm3 (TW: 41%)	New reservoir	Refined Feasible
TWU_STR_HI-RSR_RE1_CNO_abingdon125(lon)	New Reservoir - SESRO 125Mm3 (TW: 41%)	New reservoir	Refined Feasible
TWU_STR_HI-RSR_RE1_CNO_abingdon30+100p1	New Reservoir - SESRO 30+100Mm3 - Phase 1: (TW: 41%)	New reservoir	Refined Feasible
TWU_STR_HI-RSR_RE1_CNO_abingdon75(lon)	New Reservoir - SESRO 75Mm3 (TW: 41%)	New reservoir	Refined Feasible
TWU_STR_HI-RSR_RE1_CNO_abingdon80+42p1	New Reservoir - SESRO 80+42Mm3 - Phase 1: (TW: 41%)	New reservoir	Refined Feasible
TWU_STR_HI-RSR_RE1_CNO_res_ludgershall 30	New Reservoir - Ludgershall 30Mm3	New reservoir	Refined Feasible
TWU_STR_HI-RSR_RE1_CNO_res_ludgershall 50	New Reservoir - Ludgershall 50Mm3	New reservoir	Refined Feasible
TWU_STR_HI-RSR_RE1_CNO_res_marsh gibbon_3	New Reservoir - Marsh Gibbon 30Mm3	New reservoir	Refined Feasible
TWU_STR_HI-RSR_RE1_CNO_res_marshgibbon_1	New Reservoir - Marsh Gibbon 75Mm3	New reservoir	Refined Feasible
TWU_STR_HI-RSR_RE1_CNO_res_marshgibbon_2	New Reservoir - Marsh Gibbon 50Mm3	New reservoir	Refined Feasible
TWU_STR_HI-RSR_RE2_CNO_abingdon30+100p2	New Reservoir - SESRO 30+100mm3 - Phase 2: (TW: 41%)	New reservoir	Refined Feasible
TWU_STR_HI-RSR_RE2_CNO_abingdon80+42p2	New Reservoir - SESRO 80+42Mm3 - Phase 2: (TW: 41%)	New reservoir	Refined Feasible
TWU_UTC_HI-RSR_RE1_CNO_res_aylesbury 30	New Reservoir - Aylesbury 30Mm3	New reservoir	Refined Feasible
TWU_UTC_HI-RSR_RE1_CNO_res_aylesbury 50	New Reservoir - Aylesbury 50Mm3	New reservoir	Refined Feasible
TWU_UTC_HI-RSR_RE1_CNO_res_chinnor_2	New Reservoir - Chinnor 30Mm3	New reservoir	Refined Feasible
TWU_UTC_HI-RSR_RE1_CNO_res_haddenham 30	New Reservoir - Haddenham 30Mm3	New reservoir	Refined Feasible
TWU_cm_p2_cherwell ray	Catchment Portfolio 2 (Upscaled): Cherwell and Ray	Catchment management	Refined Feasible
TWU_cm_p2_colne	Catchment Portfolio 2 (Upscaled): Colne	Catchment management	Refined Feasible
TWU_cm_p2_darent cray	Catchment Portfolio 2 (Upscaled): Darent and Cray	Catchment management	Refined Feasible
TWU_cm_p2_kennet trib	Catchment Portfolio 2 (Upscaled): Kennet and tributaries	Catchment management	Refined Feasible
TWU_cm_p2_loddon trib	Catchment Portfolio 2 (Upscaled): Loddon and tributaries	Catchment management	Refined Feasible
TWU_cm_p2_london	Catchment Portfolio 2 (Upscaled): London	Catchment management	Refined Feasible
TWU_cm_p2_maidenhead su	Catchment Portfolio 2 (Upscaled): Maidenhead and Sunbury	Catchment management	Refined Feasible
TWU_cm_p2_medway	Catchment Portfolio 2 (Upscaled): Medway	Catchment management	Refined Feasible
TWU_cm_p2_mole	Catchment Portfolio 2 (Upscaled): Mole	Catchment management	Refined Feasible
TWU_cm_p2_roding b i	Catchment Portfolio 2 (Upscaled): Roding, Beam and Ingrebourne	Catchment management	Refined Feasible
TWU_cm_p2_thames chilt	Catchment Portfolio 2 (Upscaled): Thames and South Chilterns	Catchment management	Refined Feasible
TWU_cm_p2_upper lee	Catchment Portfolio 2 (Upscaled): Upper Lee	Catchment management	Refined Feasible
TWU_cm_p2_wey trib	Catchment Portfolio 2 (Upscaled): Wey and tributaries	Catchment management	Refined Feasible
TWU_cm_p3_cherwell ray	Catchment Portfolio 3 (Augmented): Cherwell and Ray	Catchment management	Refined Feasible
TWU_cm_p3_colne	Catchment Portfolio 3 (Augmented): Colne	Catchment management	Refined Feasible
TWU_cm_p3_darent cray	Catchment Portfolio 3 (Augmented): Darent and Cray	Catchment management	Refined Feasible
TWU_cm_p3_kennet trib	Catchment Portfolio 3 (Augmented): Kennet and tributaries	Catchment management	Refined Feasible
TWU_cm_p3_loddon trib	Catchment Portfolio 3 (Augmented): Loddon and tributaries	Catchment management	Refined Feasible
TWU_cm_p3_london	Catchment Portfolio 3 (Augmented): London	Catchment management	Refined Feasible
TWU_cm_p3_maidenhead su	Catchment Portfolio 3 (Augmented): Maidenhead and Sunbury	Catchment management	Refined Feasible
TWU_cm_p3_medway	Catchment Portfolio 3 (Augmented): Medway	Catchment management	Refined Feasible
TWU_cm_p3_mole	Catchment Portfolio 3 (Augmented): Mole	Catchment management	Refined Feasible
TWU_cm_p3_roding b i	Catchment Portfolio 3 (Augmented): Roding, Beam and Ingrebourne	Catchment management	Refined Feasible
TWU_cm_p3_thames chilt	Catchment Portfolio 3 (Augmented): Thames and South Chilterns	Catchment management	Refined Feasible
TWU_cm_p3_upper lee	Catchment Portfolio 3 (Augmented): Upper Lee	Catchment management	Refined Feasible
TWU_cm_p3_wey trib	Catchment Portfolio 3 (Augmented): Wey and tributaries	Catchment management	Refined Feasible
TWU_GUI_HI-ROC_WT1_ALL_guildford treatment	Chertsey to Drungewick Manor spur to new Guildford WTW	External raw water bulk supply/transfer	Refined Feasible
TWU_GUI_HI-ROC_WT2_ALL_guildford treatment	Chertsey to Drungewick Manor spur to new Guildford WTW Additional Phase	External raw water bulk supply/transfer	Refined Feasible
TWU_GUI_RE-DRP_ALL_ALL_dp-albury	Albury	Drought permits/orders	Refined Feasible
TWU_GUI_RE-DRP_ALL_ALL_dp-shalford-guild_v2	Shalford Drought Permit (ends 2051)	Drought permits/orders	Refined Feasible
TWU_GUI_RE-DRP_ALL_ALL_dp-shalford-guild_v3	Shalford Drought Permit (ends 2046)	Drought permits/orders	Refined Feasible
TWU_GUI_RE-DRP_ALL_ALL_dp-shalford-guild_v4	Shalford Drought Permit (ends 2036)	Drought permits/orders	Refined Feasible
TWU_GUI_RE-DRP_ALL_ALL_dp-shalford-guild_v5	Shalford Drought Permit (no end)	Drought permits/orders	Refined Feasible
TWU_HEN_RE-DRP_ALL_ALL_dp-sheep/harp-hen_v2	Sheeplands/Harpsden Drought Permit (ends 2051)	Drought permits/orders	Refined Feasible
TWU_HEN_RE-DRP_ALL_ALL_dp-sheep/harp-hen_v3	Sheeplands/Harpsden Drought Permit (ends 2046)	Drought permits/orders	Refined Feasible
TWU_HEN_RE-DRP_ALL_ALL_dp-sheep/harp-hen_v4	Sheeplands/Harpsden Drought Permit (ends 2036)	Drought permits/orders	Refined Feasible
TWU_HEN_RE-DRP_ALL_ALL_dp-sheep/harp-hen_v5	Sheeplands/Harpsden Drought Permit (no end)	Drought permits/orders	Refined Feasible
TWU_KGV_HI-TFR_TED_ALL_teddrated/tlt_150	Direct River Abstraction - Teddington to Thames Lee Tunnel Shaft 150 MLD	Internal raw water transfer	Refined Feasible
TWU_KVZ_RE-DRP_ALL_ALL_dp-fobney	Fobney	Drought permits/orders	Refined Feasible
TWU_KVZ_RE-DRP_ALL_ALL_dp-fobney-emerg bhs	Fobney - emergency BH's	Drought permits/orders	Refined Feasible
TWU_KVZ_RE-DRP_ALL_ALL_dp-pangbourne	Pangbourne	Drought permits/orders	Refined Feasible
TWU_KVZ_RE-DRP_ALL_ALL_dp-playhatch-kv_v2	Playhatch Drought Permit (ends 2051)	Drought permits/orders	Refined Feasible
TWU_KVZ_RE-DRP_ALL_ALL_dp-playhatch-kv_v3	Playhatch Drought Permit (ends 2046)	Drought permits/orders	Refined Feasible
TWU_KVZ_RE-DRP_ALL_ALL_dp-playhatch-kv_v4	Playhatch Drought Permit (ends 2036)	Drought permits/orders	Refined Feasible
TWU_KVZ_RE-DRP_ALL_ALL_dp-playhatch-kv_v5	Playhatch Drought Permit (no end)	Drought permits/orders	Refined Feasible
TWU_LON_EF-TFR_REP_ALL_cheam-lon rm @ p	Cheam transfer to London Ringmain at Merton	External potable bulk supply/transfer	Refined Feasible
TWU_LON_HI-TFR_LON_CNO_second spine tunnel	Second Spine Tunnel from break tank to Reservoir 5 upstream of Coppermills WTW - Cons	Internal raw water transfer	Refined Feasible
TWU_LON_HI-TFR_LON_CNO_tlt upgrade - roc	Raw Water System Upgrade - TLT Removal of Constraints - Construction	Internal raw water transfer	Refined Feasible
TWU_LON_RE-DRP_ALL_ALL_dp-crayford-london	Drought Permit - Crayford	Drought permits/orders	Refined Feasible
TWU_LON_RE-DRP_ALL_ALL_dp-eynsford	Eynsford	Drought permits/orders	Refined Feasible
TWU_LON_RE-DRP_ALL_ALL_dp-hk asr-london	Horton Kirby ASR Drought Permit	Drought permits/orders	Refined Feasible
TWU_LON_RE-DRP_ALL_ALL_dp-incr m2 licence	Increase in M2 licence??	Drought permits/orders	Refined Feasible
TWU_LON_RE-DRP_ALL_ALL_dp-sundridge 1	Sundridge 1	Drought permits/orders	Refined Feasible
TWU_LON_RE-DRP_ALL_ALL_dp-sundridge 2	Sundridge 2	Drought permits/orders	Refined Feasible
TWU_LON_RE-DRP_ALL_ALL_dp-teddington to 0	Reduction of Teddington Flow to 0	Drought permits/orders	Refined Feasible
TWU_LON_RE-DRP_ALL_ALL_dp-teddington to 100	Reduction of Teddington Flow to 100	Drought permits/orders	Refined Feasible
TWU_LON_RE-DRP_ALL_ALL_dp-waddon	Waddon	Drought permits/orders	Refined Feasible
TWU_LON_RE-DRP_ALL_ALL_dp-wansunt-london	Drought Permit - Wansunt	Drought permits/orders	Refined Feasible
TWU_LON_RE-TFR_ALL_ALL_wlvl-seatanker	Waterlevel - Sea Tankering to London - With Insurance	International import	Refined Feasible
TWU_LON_RE-TFR_ALL_ALL_wlvl-seatanker-v2	Waterlevel - Sea Tankering to London - Without Insurance	International import	Refined Feasible
TWU_mendip k&a group	Mendip Reservoir & Kennet & Avon transfer	External raw water bulk supply/transfer	Refined Feasible
TWU_SES_HI-TFR_LON_ALL_r9	Transfer from Merton (TW) to SES Boundary at 30Ml/d Reverse	External potable bulk supply/transfer	Refined Feasible
TWU_STT_HI-RAB_RE1_ALL_c2-300-mythe_15	STT Canal: Mythe abstraction reduction (15Mld) (TW: 74%)	External raw water bulk supply/transfer	Refined Feasible
TWU_STT_HI-RAB_RE1_ALL_c4-300-vyrnwy_50	STT Canal: Vyrnwy Reservoir river release (50Mld) (TW: 74%)	External raw water bulk supply/transfer	Refined Feasible
TWU_STT_HI-RAB_RE1_ALL_c5-300-vyrnwy_75	STT Canal: Additional 25Mld for a total Vyrnwy Reservoir river release (75Mld) (TW: 74%)	External raw water bulk supply/transfer	Refined Feasible
TWU_STT_HI-RAB_RE1_ALL_c6-300-shrewsbury_25	STT Canal: River Vyrnwy Mitigation – Shrewsbury Redeployment (25Mld) (TW: 74%)	External raw water bulk supply/transfer	Refined Feasible
TWU_STT_HI-RAB_RE1_ALL_p2-300-mythe_15	STT 300: Mythe abstraction reduction (15Mld) (TW: 74%)	External raw water bulk supply/transfer	Refined Feasible
TWU_STT_HI-RAB_RE1_ALL_p2-400-mythe_15	STT 400: Mythe abstraction reduction (15Mld) (TW: 74%)	External raw water bulk supply/transfer	Refined Feasible
TWU_STT_HI-RAB_RE1_ALL_p2-500-mythe_15	STT 500: Mythe abstraction reduction (15Mld) (TW: 74%)	External raw water bulk supply/transfer	Refined Feasible
TWU_STT_HI-RAB_RE1_ALL_p3-300-vyrnwy_50	STT 300: Vyrnwy Reservoir river release (50Mld) (TW: 74%)	External raw water bulk supply/transfer	Refined Feasible
TWU_STT_HI-RAB_RE1_ALL_p3-400-vyrnwy_50	STT 400: Vyrnwy Reservoir river release (50Mld) (TW: 74%)	External raw water bulk supply/transfer	Refined Feasible
TWU_STT_HI-RAB_RE1_ALL_p3-500-vyrnwy_50	STT 500: Vyrnwy Reservoir river release (50Mld) (TW: 74%)	External raw water bulk supply/transfer	Refined Feasible
TWU_STT_HI-RAB_RE1_ALL_p4-300-vyrnwy_75	STT 300: Additional 25Mld for a total Vyrnwy Reservoir river release (75Mld) (TW: 74%)	External raw water bulk supply/transfer	Refined Feasible
TWU_STT_HI-RAB_RE1_ALL_p4-400-vyrnwy_75	STT 400: Additional 25Mld for a total Vyrnwy Reservoir river release (75Mld) (TW: 74%)	External raw water bulk supply/transfer	Refined Feasible
TWU_STT_HI-RAB_RE1_ALL_p4-500-vyrnwy_75	STT 500: Additional 25Mld for a total Vyrnwy Reservoir river release (75Mld) (TW: 74%)	External raw water bulk supply/transfer	Refined Feasible
TWU_STT_HI-RAB_RE1_ALL_p6-300-shrewsbury_25	STT 300: River Vyrnwy Mitigation – Shrewsbury Redeployment (25Mld) (TW: 74%)	External raw water bulk supply/transfer	Refined Feasible
TWU_STT_HI-RAB_RE1_ALL_p6-400-shrewsbury_25	STT 400: River Vyrnwy Mitigation – Shrewsbury Redeployment (25Mld) (TW: 74%)	External raw water bulk supply/transfer	Refined Feasible
TWU_STT_HI-RAB_RE1_ALL_p6-500-shrewsbury_25	STT 500: River Vyrnwy Mitigation – Shrewsbury Redeployment (25Mld) (TW: 74%)	External raw water bulk supply/transfer	Refined Feasible
TWU_SWA_RE-DRP_ALL_ALL_dp-pann mill	Pann Mill Drought Permit	Drought permits/orders	Refined Feasible
TWU_SWX_BG-CAT_ALL_ALL_cm_p2_cotswolds	Catchment Portfolio 2 (Upscaled): Cotswolds	Catchment management	Refined Feasible
TWU_SWX_BG-CAT_ALL_ALL_cm_p2_glo vale	Catchment Portfolio 2 (Upscaled): Gloucestershire and the Vale	Catchment management	Refined Feasible
TWU_SWX_BG-CAT_ALL_ALL_cm_p3_cotswolds	Catchment Portfolio 3 (Augmented): Cotswolds	Catchment management	Refined Feasible
TWU_SWX_BG-CAT_ALL_ALL_cm_p3_glo vale	Catchment Portfolio 3 (Augmented): Gloucestershire and the Vale	Catchment management	Refined Feasible

Option ID	Option Name	Option type	Option status
TWU_SWX_RE-DRP_ALL_ALL_dp-axford 1	Axford 1	Drought permits/orders	Refined Feasible
TWU_SWX_RE-DRP_ALL_ALL_dp-axford 2	Axford 2	Drought permits/orders	Refined Feasible
TWU_SWX_RE-DRP_ALL_ALL_dp-baunton 1	Baunton 1	Drought permits/orders	Refined Feasible
TWU_SWX_RE-DRP_ALL_ALL_dp-baunton 2	Baunton 2	Drought permits/orders	Refined Feasible
TWU_SWX_RE-DRP_ALL_ALL_dp-bilbury	Bilbury	Drought permits/orders	Refined Feasible
TWU_SWX_RE-DRP_ALL_ALL_dp-childrey warren	Childrey Warren	Drought permits/orders	Refined Feasible
TWU_SWX_RE-DRP_ALL_ALL_dp-gatehampton_v2	Gatehampton Drought Permit (ends 2051)	Drought permits/orders	Refined Feasible
TWU_SWX_RE-DRP_ALL_ALL_dp-gatehampton_v3	Gatehampton Drought Permit (ends 2046)	Drought permits/orders	Refined Feasible
TWU_SWX_RE-DRP_ALL_ALL_dp-gatehampton_v4	Gatehampton Drought Permit (ends 2036)	Drought permits/orders	Refined Feasible
TWU_SWX_RE-DRP_ALL_ALL_dp-gatehampton_v5	Gatehampton Drought Permit (no end)	Drought permits/orders	Refined Feasible
TWU_SWX_RE-DRP_ALL_ALL_dp-latton	Latton	Drought permits/orders	Refined Feasible
TWU_SWX_RE-DRP_ALL_ALL_dp-meysey hampton	Meysey Hampton	Drought permits/orders	Refined Feasible
TWU_SWX_RE-DRP_ALL_ALL_dp-ogbourne	Ogbourne	Drought permits/orders	Refined Feasible
TWU_SWX_RE-DRP_ALL_ALL_dp-ogbourne emer bhs	Ogbourne Emergency Boreholes Drought Permit	Drought permits/orders	Refined Feasible
TWU_SWX_RE-DRP_ALL_ALL_dp-oxford canal-swox	Oxford Canal Drought Permit	Drought permits/orders	Refined Feasible
TWU_SWX_RE-DRP_ALL_ALL_dp-thames @ farmoor	River Thames @ Farmoor	Drought permits/orders	Refined Feasible
TWU_TED_HI-RAB_RE1_CNO_teddington dra 50_150	Teddington Direct River Abstraction (Indirect Effluent Reuse) 50 MLD - (150 Ml/d connecti	New surface water	Refined Feasible
TWU_TED_HI-RAB_RE1_CNO_teddington dra 75_150	Teddington Direct River Abstraction (Indirect Effluent Reuse) 75 MLD - (150 Ml/d connecti	New surface water	Refined Feasible
TWU_TED_HI-RAB_RE2_ALL_teddington dra 50 p2	Teddington DRA 50 MLD Phase 2	New surface water	Refined Feasible
TWU_TED_HI-RAB_RE2_ALL_teddington dra 75 p2	Teddington DRA 75 MLD Phase 2	New surface water	Refined Feasible
TWU_WLJ_HI-REU_RE1_ALL_reuse mogden s sewer	Reuse Mogden South Sewer	Water reuse	Refined Feasible
TWU_woodmanst-epsom do p	Woodmansterne WTW to Epsom Downs	External potable bulk supply/transfer	Refined Feasible