

**Oversight and Governance**

Chief Executive's Department

Plymouth City Council

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Delegated Decisions

Delegated Executive/Officer Decisions

Delegated Executive and Officer decisions are published and are available at the following link - <https://tinyurl.com/ms6umor>

Cabinet decisions subject to call-in are published at the following link - <http://tinyurl.com/yddrql6>

Notice of call-in for non-urgent decisions must be given to the Democratic Support Team by 4.30 pm on 16 April 2025. Please note – urgent decisions and non-key Council Officer decisions cannot be called in. Copies of the decisions together with background reports are available for viewing as follows:

- on the Council's Intranet Site at <https://modgov/mgDelegatedDecisions.aspx>
- on the Council's website at <https://tinyurl.com/jhnax4e>

The Officer Decision detailed below may be implemented immediately.

Delegated Decisions

I. Council Officer Decision - Paul Barnard (Service Director for Strategic Planning & Infrastructure):

- I.a. COP39 24/25 - Trefusis Park Flood Relief Scheme Main Construction Contract **(Pages 1 - 24)**

EXECUTIVE DECISION



made by a Council Officer



REPORT OF ACTION TAKEN UNDER DELEGATED AUTHORITY BY AN INDIVIDUAL COUNCIL OFFICER

Executive Decision Reference Number – COD39 24/25

Decision	
1	Title of decision: Trefusis Park Flood Relief Scheme Main Construction Contract
2	Decision maker: Paul Barnard (Service Director for Strategic Planning & Infrastructure)
3	Report author and contact details: Sarah Durbridge (Civil Engineer) Tel: 01752 308681 Email: sarah.durbridge@plymouth.gov.uk
4a	Decision to be taken: <ol style="list-style-type: none"> I. To approve the award of contract for the Trefusis Park Flood Relief Scheme to Kier Integrated Services Ltd under NEC4 ECC Option C (target price) for a total value of £2,756,718.69. In addition, the contract award should include an allowance for Compensation Events / essential variations, up to the approved project budget.
4b	Reference number of original executive decision or date of original committee meeting where delegation was made: L40 24/25 - Lipson Vale Phase I Trefusis Park Flood Defence (Trefusis Park Flood Relief Scheme)
5	Reasons for decision: <p>The Trefusis Park Flood Relief Scheme is the first phase of a wider flood risk management project in the Lipson / Laira area, designed to provide storage for surface water during storm events, to reduce flood risk and storm overflow spills, and to create environmental enhancement. The surface water storage within the Park will also allow South West Water to separate surface water out of the combined system upstream, thereby increasing capacity in the combined sewerage system and further reducing flood and sewerage spill risk.</p> <p>Once construction of the Scheme completes, 21 properties will be better protected from surface water flooding. This number will increase to 147 once South West Water have completed their upstream works, with an estimated reduction in flood damages over the design life of the scheme (estimated by the Environment Agency) of £12.4M.</p> <p>The Scheme and combined works will also:</p> <ul style="list-style-type: none"> • reduce the frequent disruption of the movement of traffic along the B3214 (Lipson Vale) between eastern suburbs and Plymouth city centre, including five bus routes • reduce the ongoing disruption to the education of 1,400 children attending Lipson Vale Primary School and Lipson Co-operative Academy • reduce the risk of Combined Sewer Overflow (CSO) spills, with associated bathing water quality improvement in the River Plym • reduce the risk of sewerage pollution in the River Plym • provide habitat improvement, including improvements to 0.1 Ha of grassland and a biodiversity net gain of at least 10%

	<ul style="list-style-type: none">• provide significant amenity improvements, including improved cycling and walking provision• provide additional capacity in the combined drainage and sewage network for new development <p>The contract will be awarded to Kier Integrated Services Ltd (“Kier”) under the Environment Agency’s Collaborative Delivery Framework. Under the Framework, Kier are the only appointed Lot 2 supplier for the South West.</p> <p>Kier have been robustly assessed by Plymouth City Council be reference to their submitted price, Programme, Risk Register, and Clarifications and Exclusions and have found to be a suitable and sufficiently experienced contractor to deliver this project.</p>
6	<p>Alternative options considered and rejected:</p> <p>The following two options have previously been considered and rejected:</p> <p>a. Original design option</p> <div></div> <p>This design option was considered by members and officers in July 2023. It was rejected on grounds that it would have required approximately 100 trees to be removed, which was felt to be at odds with the environmental focus of the project.</p> <p>b. Hybrid design option between “Original” design and “Minimum Trees Removed” option</p> <div></div> <p>This hybrid option was rejected by members and officers in January 2024. This was because it was the most expensive option and also would still have required the removal of 44 trees, again at odds with the environmental focus of the project.</p>

	<p>The following further three options were considered and discounted as part of the full business case submitted to the Environment Agency:</p> <p>c. Do Nothing Option: Do statutory minimum – Cease all expenditure (capital and revenue), undertake no further flood risk management activities and walk away</p> <p>This option was discounted because not investing in the improved management of flooding in this area will result in the ongoing chronic flooding of homes and businesses in Lipson Vale. With climate change, the frequency of flooding will increase, resulting in properties becoming unviable and, therefore, abandoned. This will inevitably result in significant social issues related to negative equity, loss of livelihood and homelessness. Decaying abandoned properties would also be a significant blight on the wider area's economic activity.</p> <p>d. Do Minimum Option: Clean and rehabilitate the existing system</p> <p>This option was also discounted because not investing in the improved management of flooding in this area will result in the ongoing chronic flooding of homes and businesses in Lipson Vale. With climate change, the frequency of flooding will increase, resulting in properties becoming unviable and, therefore, abandoned. This will inevitably result in significant social issues related to negative equity, loss of livelihood and homelessness. Decaying abandoned properties would also be a significant blight on the wider area's economic activity.</p> <p>e. Viable Alternative Option: All phases – Trefusis Park Flood Relief Scheme plus additional 95Ha of surface water separation, 1.3km sewer upsize and pumping station at outfall</p> <p>This is a long-term aspiration for the PCC, EA and South West Water (SWW) Integrated Urban Drainage Modelling (IUDM) project but is currently unaffordable.</p>
7	<p>Financial implications and risks:</p> <p>The budget for the Trefusis Park Flood Relief Scheme, as defined in the Capital Business Case as £3,784,658, was approved by the Leader on 12 February 2025. This budget will cover the initial value of the award to Kier plus an allowance for Compensation Events / essential variations.</p> <p>As this Scheme is fully funded by the Environment Agency and the Devon Resilience Innovation Project and there is no corporate borrowing, it will not affect the Medium-Term Financial Plan.</p> <p>Required PCC staff resources, including the Engineering Design Group who have designed and will deliver the Scheme, have been costed within the project budget.</p> <p>The key identified risks are:</p> <ul style="list-style-type: none"> • unauthorised occupation of the site or the compound • ineffective temporary surface water management works • UXO unearthed on site • public or political pressure requiring the number of tipper lorries to be restricted per day • contaminated land and materials being identified as more hazardous than anticipated • unavailability of materials
8	<p>Legal Implications and risks:</p> <p>None.</p> <p>The Council as a risk management authority is able to take advantage of the EA framework and has signed a user agreement with the EA.</p>

9a	Is the decision a Key Decision? (please contact Democratic Support for further advice)	Yes	No	Per the Constitution, a key decision is one which:
			x	in the case of capital projects and contract awards, results in a new commitment to spend and/or save in excess of £3million in total
			x	in the case of revenue projects when the decision involves entering into new commitments and/or making new savings in excess of £1million , annually
			x	is significant in terms of its effect on communities living or working in an area comprising two or more wards in the area of the local authority.
9b	If yes, date of publication of the notice in the Forward Plan of Key Decisions	N/A		
10	Please specify how this decision is linked to the Council's corporate plan/Plymouth Plan and/or the policy framework and/or the revenue/capital budget:	<p>The Scheme will deliver the following Corporate Plan priorities:</p> <ul style="list-style-type: none">• Keeping children, young people and families safe,• Green investment, jobs, skills, and better education• Spending money wisely• Focussing on prevention and early intervention <p>The Scheme will support the Plymouth Plan and the Joint Local Plan. Full details are set out in the accompanying Briefing Note, but in summary:</p> <p>Plymouth Plan</p> <ul style="list-style-type: none">• Plymouth as a healthy city• Plymouth as a growing city• Plymouth as an international city <p>Joint Local Plan</p> <ul style="list-style-type: none">• SO12 (Delivering infrastructure and investment):• SPT1 (Delivering sustainable development):• SPT2 (Sustainable linked neighbourhoods and sustainable rural communities):• SPT10 (Balanced transport strategy for growth and healthy and sustainable communities):• SPT12 (Strategic approach to the natural environment):• SPT13 (Strategic infrastructure measures to deliver the spatial strategy):• DEV1 (Protecting health and amenity):• DEV2 (Air, water, soil, noise, land and light):• DEV20 (Place shaping and the quality of the built environment):• DEV23 (Landscape character):		

		<ul style="list-style-type: none"> • DEV26 (Protecting and enhancing biodiversity and geological conservation): • DEV27 (Green and play spaces): • DEV28 (Trees, woodlands and hedgerows): • DEV32 (Delivering low carbon development): • DEV 35 (Managing flood risk and water quality impacts): <p>The Scheme also supports the Local Flood Risk Management Strategy, the Green Minds model and SWW's plans for the city. Full details are set out in the attached Briefing Note.</p>
11	Please specify any direct environmental implications of the decision (carbon impact)	<p>Climate impact assessment summary</p> <p>The climate impact assessment is attached to the report (ID TRE166). In summary, the Scheme will provide surface water storage and improve the facilities within Trefusis Park. Most of the outputs are positive with long-term benefits. Where there is no or neutral impact, there is mitigation. For example, for air quality, construction methods will seek to dampen down and control dust created. Following construction, the additional tree planting could help to improve air quality. The Scheme has no renewable energy elements.</p> <p>Specific environmental benefits provided by the Scheme</p> <p><u>Properties better protected from flooding</u></p> <p>When the Scheme completes, 21 properties will be better protected from flooding. All the relevant households sit within the 21% to 40% most deprived areas of the country.</p> <p>Once surface water separation works are completed upstream of Trefusis Park by South West Water, the number of properties better protected from flooding will increase to 147 (SWW cannot undertake their surface water separation works if our Scheme does not proceed).</p> <p><u>Carbon</u></p> <p>The carbon footprint of the Scheme is the lowest of the options that satisfactorily achieves the Environment Agency's Critical Success Factors. The net carbon outcome of the project has been assessed by the Environment Agency as "Moderate sink" due to the creation of wetland, and riparian planting.</p> <p><u>Biodiversity Net Gain (BNG)</u></p> <p>The Scheme will deliver BNG of at least 10%. Biodiversity improvements will include:</p> <ul style="list-style-type: none"> • Two landscaped SuDS seasonal wetland basins • Naturalising the watercourse that is currently within a concrete channel • New landscaping and tree planting

		<ul style="list-style-type: none"> • New permanent wet ecology pond • New hedgerow down the eastern edge of the park to prevent unauthorised vehicular access to the park (something that has previously been an issue) • New wildflower meadow areas <p><u>Improvements to grassland</u></p> <p>0.1 Ha of “Grassland” in “poor” condition before the Scheme will move to “wetlands/wet grassland” in “moderate” condition after construction of the Scheme.</p> <p><u>Water quality improvement</u></p> <p>There will be a reduction in the volume of surface water entering the combined drainage network, thereby reducing CSO spills. This will result in water quality improvement in the River Plym and a reduction in the amount of energy used to treat wastewater (carbon saving).</p>
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Urgent decisions

I2a	Is the decision urgent and to be implemented immediately in the interests of the Council or the public?	Yes		(If yes, please contact Democratic Support for advice)
		No	x	(If no, go to section I3a)
I2b	Reason for urgency:			
I2c	Scrutiny Chair signature:		Date	
	Scrutiny Committee name:			
	Print Name:			

Consultation

I3a	Which Cabinet Member's portfolio does this decision relate to?	Councillor Tom Briars-Delve (Cabinet Member for Environment and Climate Change)		
I3b	Date Cabinet Member consulted	Regularly briefed including: 2023: June, July, October 2024: January, February, May, August, November 2025: January		
I3c	Are any other Cabinet members' portfolios affected by the decision?	Yes		
		No	x	(If no go to section I4)
I3d	Which other Cabinet member's	N/A		

	portfolio is affected by the decision?							
13e	Date other Cabinet member(s) consulted	N/A						
14	Has any Cabinet member declared a conflict of interest in relation to the decision?	Yes		If yes, please discuss with the Monitoring Officer				
		No	x					
15	Which Corporate Management Team member has been consulted?	Name		Paul Barnard				
		Job title		Service Director, Strategic Planning & Infrastructure				
		Date consulted		Regularly consulted through the project				
Sign-off								
16	Sign off codes from the relevant departments consulted:	Democratic Support (mandatory)			DS120 24/25			
		Finance (mandatory)			OW.24.25.063			
		Legal (mandatory)			LS/00001312/1/AC/24/3/25			
		Human Resources (if applicable)			N/A			
		Corporate property (if applicable)			N/A			
		Procurement (if applicable)			SN/PS/778/ED/0325			
Appendices								
17	Ref.	Title of appendix						
	A	Briefing report for publication						
	B	Equalities Impact Assessment - L40 24/25						
	C	Climate Impact Assessment - L40 24/25						
Confidential/exempt information								
18a	Do you need to include any confidential/exempt information?	Yes	x	If yes, prepare a second, confidential ('Part II') briefing report and indicate why it is not for publication by virtue of Part I of Schedule 12A of the Local Government Act 1972 by ticking the relevant box in 18b below.				
		No						
		Exemption Paragraph Number						
		1	2	3	4	5	6	7
18b	Confidential/exempt briefing report title:							
	Procurement Decision Record			x				


Background Papers

- 19** Please list all unpublished, background papers relevant to the decision in the table below.
- Background papers are unpublished works, relied on to a material extent in preparing the report, which disclose facts or matters on which the report or an important part of the work is based. If some/all of the information is confidential, you must indicate why it is not for publication by virtue of Part 1 of Schedule 12A of the Local Government Act 1972 by ticking the relevant box.

Title of background paper(s)	Exemption Paragraph Number						
	1	2	3	4	5	6	7

Council Officer Signature

- 20** I agree the decision and confirm that it is not contrary to the Council's policy and budget framework, Corporate Plan or Budget. In taking this decision I have given due regard to the Council's duty to promote equality of opportunity, eliminate unlawful discrimination and promote good relations between people who share protected characteristics under the Equalities Act and those who do not. For further details please see the EIA attached.

Signature		Date of decision	27.3.25
Print Name	Paul Barnard, Service Director, Strategic Planning & Infrastructure		

TREFUSIS PARK FLOOD RELIEF SCHEME

Contract Award Briefing Paper



1. EXECUTIVE SUMMARY

- 1.1. The Trefusis Park Flood Relief Scheme (“the Scheme”) is the first phase of a wider flood risk management project in the Lipson / Laira area, designed to provide storage for surface water during storm events, to reduce flood risk and storm overflow spills, and to create environmental enhancement. The surface water storage within the park will also allow South West Water to separate surface water out of the combined system upstream, thereby increasing capacity in the combined sewerage system and further reducing flood and sewerage spill risk.
- 1.2. Once construction of the Scheme completes, 21 properties will be better protected from surface water flooding. This number will increase to 147 once South West Water have completed their upstream works, with an estimated reduction in flood damages over the design life of the scheme (estimated by the Environment Agency) of £12.4M.
- 1.3. The Scheme and combined works will also:
 - reduce the frequent disruption of the movement of traffic along the B3214 (Lipson Vale) between eastern suburbs and Plymouth city centre, including five bus routes
 - reduce the ongoing disruption to the education of 1,400 children attending Lipson Vale Primary School and Lipson Co-operative Academy
 - reduce the risk of Combined Sewer Overflow (CSO) spills, with associated bathing water quality improvement in the River Plym
 - reduce the risk of sewerage pollution in the River Plym
 - provide habitat improvement, including improvements to 0.1Ha of grassland and a biodiversity net gain of at least 10%
 - provide significant amenity improvements, including improved cycling and walking provision
 - provide additional capacity in the combined drainage and sewage network for new development

2. BACKGROUND

- 2.1. This award covers the main construction contract for the Scheme.
- 2.2. The budget for the Scheme is £3,784,658, approved by the Leader on 12 February 2025. This budget will cover the initial value of this contract award plus an allowance for Compensation Events / essential variations.
- 2.3. The Scheme is fully funded by the Environment Agency (“EA”) and the Devon Resilience Innovation Project.

3. PROCUREMENT PROCESS

- 3.1. This contract award is being made utilising the EA’s Collaborative Delivery Framework, with a direct award to Kier Integrated Services Ltd (“Kier”).
- 3.2. Kier have a lot of experience and expertise in delivering flood risk management projects similar to this Scheme. They have been selected by the EA as the sole Lot 2 supplier for the South West under the Collaborative Delivery Framework.

3.3. Using Kier under this Framework will provide the best value for money because the arrangement will:

- capitalise on the collaborative working arrangements that both Plymouth City Council (“PCC”) and Kier have established with the EA
- result in a shorter and more direct procurement route, with reduced staff costs – critical for this project
- utilise a defined schedule of rates to confirm many of the costs, thereby accessing the competitive price list that was secured through the vigorous and robust tendering assessment that the EA carried out when developing the framework
- use early detailed contractor involvement to validate the design and reduce risks in the construction stages, thereby providing greater surety around the final price and programme
- provide Kier with an incentive to delivery a quality Scheme, leading to the possibility of future awards under the Collaborative Delivery Framework

3.4. Using Kier supports PCC’s “Buy Local” agenda – they have a Plymouth office, and their current team are all based within the South West. In addition, the contract will support the local economy, helping to safeguard existing jobs and create new ones.

3.5. The following social value requirements have been stipulated within the Scope of Works:

- acting in accordance with PCC’s Social Value Policy and in particular, its aims and Guidance for Suppliers within Appendix Five
- considering the KPIs set out within the Employment and Skills Plan provided by PCC’s Construction Co-ordinator
- producing a Social Value Plan as part of their pre-construction documentation
- producing a Site Communications Plan to be incorporated into PCC’s Communications Plan
- acting in accordance with PCC’s commitment to equality and diversity

3.6. Further, the following carbon requirements have also been stipulated within the Scope of Works:

- complying with PCC’s Net Zero Action Plan
- complying with requirements set out within PCC’s Construction and Environmental Management Plan
- working collaboratively, including with sub-contractors, on lower carbon products and services and exploiting opportunities for further reductions in carbon during construction
- producing a carbon forecast as the baseline for the construction element of the Scheme, then updating the outturn forecast associated with any Change alongside capturing Actuals
- monitoring Actuals against forecast throughout the construction element of the Scheme, reporting data to PCC monthly

4. FINANCIAL IMPLICATIONS AND RISK

4.1. The budget for the Scheme is £3,784,658, approved by the Leader on 12 February 2025. This budget will cover the initial value of the award to Kier plus an allowance for Compensation Events / essential variations.

4.2. As this Scheme is fully funded by the EA and the Devon Resilience Innovation Project and there is no corporate borrowing, it will not affect the Medium-Term Financial Plan.

- 4.3. Required PCC staff resources, including the Engineering Design Group who have designed and will deliver the Scheme, have been costed within the project budget.
- 4.4. The contract with Kier is a target cost contract, with an activity schedule where the out-turn financial risks are shared between the client and the contractor in an agreed proportion. A target cost contract introduces a mechanism of enabling the contractor to share in the benefits of cost savings, but also to bear some of the cost when there are cost overruns. The contractor prices activities in the client's activity schedule based on actual cost plus a fee, resulting in a target price. The client makes interim payments on completion of each activity and differences from the target price are shared according to an agreed pain/gain share proportion. This directly incentivises both parties to look for cost savings throughout the works.
- 4.5. Throughout the works, the target cost is adjusted to reflect any compensation events that may arise.
- 4.6. The key identified risks are:
- unauthorised occupation of the site or the compound
 - ineffective temporary surface water management works
 - UXO unearthed on site
 - public or political pressure requiring the number of tipper lorries to be restricted per day
 - contaminated land and materials being identified as more hazardous than anticipated
 - unavailability of materials

5. TIMESCALES

- 5.1. The contract is due to start on 11 April 2025.
- 5.2. Construction is scheduled to run between 28 April 2025 and January 2026.
- 5.3. Due to the nature of the construction, the programme may change and will be reassessed in accordance with the NEC form of contract.


6. RECOMMENDATIONS

- 6.1. Approve the award of contract for the Scheme to Kier under NEC4 ECC Option C (target price) for a total value of £2,756,718.69. In addition, the contract award should include an allowance for Compensation Events / essential variations, up to the approved project budget.

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EQUALITY IMPACT ASSESSMENT – TREFUSIS PARK FLOOD RELIEF SCHEME

SECTION ONE: INFORMATION ABOUT THE PROPOSAL

Author(s): The person completing the EIA template.	Sarah Durbridge	Department and service:	SP&I – Transport – Engineering Design Group	Date of assessment:	10/02/2025
Lead Officer: Head of Service, Service Director, or Strategic Director.	Philip Heseltine, Head of Transport	Signature:		Approval date:	10/02/2025
Overview:	<p>The Scheme is the first phase of a wider flood risk management project in the Lipson / Laira area, designed to provide storage for surface water during storm events, to reduce flood risk and storm overflow spills, and to create environmental enhancement. The surface water storage within the Park will also allow SWW to separate surface water out of the combined system upstream, thereby increasing capacity in the combined sewerage system and further reducing flood and sewerage spill risk.</p> <p>Once construction of the Scheme completes, 21 properties will be better protected from surface water flooding. This number will increase to 147 once SWW have completed their upstream works, with an estimated reduction in flood damages over the design life of the scheme (estimated by the EA) of £12.4M.</p> <p>The Scheme and further phases of work should avoid properties within the Lipson Vale / Bernice Terrace area becoming unviable and, therefore, abandoned, with the associated blight on the wider area’s economic activity.</p> <p>The Scheme and combined works will also:</p> <ul style="list-style-type: none">• reduce the frequent disruption of the movement of traffic along the B3214 (Lipson Vale) between eastern suburbs and Plymouth city centre, including five bus routes• reduce the ongoing disruption to the education of 1,400 children attending Lipson Vale Primary School and Lipson Co-operative Academy• reduce the risk of Combined Sewer Overflow (CSO) spills, with associated bathing water quality improvement in the River Plym• reduce the risk of sewerage pollution in the River Plym• provide habitat improvement, including improvements to 0.1Ha of grassland and a biodiversity net gain of at least 10%• provide significant amenity improvements, including improved cycling and walking provision• provide additional capacity in the combined drainage and sewage network for new development				

Decision required:	<p>It is recommended that the Leader:</p> <ol style="list-style-type: none">1. Approves the Trefusis Park Flood Relief Scheme Capital Business Case;2. Approves the allocation of £3,784,658 within the Capital Programme for the Trefusis Park Flood Relief Scheme;3. Authorises the procurement process;4. Delegates the award of contracts and any minor variations, plus the approval of the project programme, to the Service Director for Strategic Planning and Infrastructure where they do not already have authority to do so.
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SECTION TWO: EQUALITY IMPACT ASSESSMENT SCREENING TOOL

Potential external impacts: Does the proposal have the potential to negatively impact service users, communities or residents with protected characteristics?	Yes		No	x
Potential internal impacts: Does the proposal have the potential to negatively impact Plymouth City Council employees?	Yes		No	x
Is a full Equality Impact Assessment required? (if you have answered yes to either of the questions above then a full impact assessment is required and you must complete section three)	Yes		No	x
If you do not agree that a full equality impact assessment is required, please set out your justification for why not.	<p>This Scheme will deliver the following Corporate Plan priorities:</p> <ul style="list-style-type: none">• Keeping children, young people and families safe• Green investment, jobs, skills, and better education• Spending money wisely• Focussing on prevention and early intervention <p>When the Scheme completes, 21 properties will be better protected from flooding. All the relevant households sit within the 21% to 40% most deprived areas of the country.</p> <p>Once surface water separation works are completed upstream of Trefusis Park by South West Water, the</p>			

	number of properties better protected from flooding will increase to 147. There are no negative impacts anticipated.
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SECTION THREE: FULL EQUALITY IMPACT ASSESSMENT

Protected characteristics (Equality Act, 2010)	Evidence and information (e.g. data and consultation feedback)	Adverse impact	Mitigation activities	Timescale and responsible department
Age	<p>Plymouth</p> <ul style="list-style-type: none">• 16.4 per cent of people in Plymouth are children aged under 15.• 65.1 per cent are adults aged 15 to 64.• 18.5 percent are adults aged 65 and over.• 2.4 percent of the resident population are 85 and over. <p>South West</p> <ul style="list-style-type: none">• 15.9 per cent of people are aged 0 to 14, 61.8 per cent are aged 15 to 64.• 22.3 per cent are aged 65 and over. <p>England</p> <ul style="list-style-type: none">• 17.4 per cent of people are aged 0 to 14.• 64.2 per cent of people are aged 15 to 64.• 18.4 per cent of people are aged 65 and over. <p>(2021 Census)</p>	No adverse impact is anticipated.		

<p>Care experienced individuals</p> <p>(Note that as per the Independent Review of Children's Social Care recommendations, Plymouth City Council is treating care experience as though it is a protected characteristic).</p>	<p>It is estimated that 26 per cent of the homeless population in the UK have care experience. In Plymouth there are currently 7 per cent of care leavers open to the service (6 per cent aged 18-20 and 12 per cent of those aged 21+) who are in unsuitable accommodation.</p> <p>The Care Review reported that 41 per cent of 19-21 year old care leavers are not in education, employment or training (NEET) compared to 12 per cent of all other young people in the same age group.</p> <p>In Plymouth there are currently 50 per cent of care leavers aged 18-21 Not in Education Training or Employment (54 per cent of all those care leavers aged 18-24 who are open to the service).</p> <p>There are currently 195 care leavers aged 18 to 20 (statutory service) and 58 aged 21 to 24 (extended offer). There are more care leavers aged 21 to 24 who could return for support from services if they wished to.</p>	<p>No adverse impact is anticipated.</p>		
<p>Disability</p>	<p>9.4 per cent of residents in Plymouth have their activities limited 'a lot' because of a physical or mental health problem.</p> <p>12.2 per cent of residents in Plymouth have their activities limited 'a little' because of a physical or mental health problem (2021 Census)</p>	<p>No adverse impact is anticipated.</p>	<p>The park will remain accessible to all users with enhanced amenity benefit and protected access routes.</p>	

Gender reassignment	0.5 per cent of residents in Plymouth have a gender identity that is different from their sex registered at birth. 0.1 per cent of residents identify as a trans man, 0.1 per cent identify as non-binary and, 0.1 per cent identify as a trans women (2021 Census).	No adverse impact is anticipated.		
Marriage and civil partnership	40.1 per cent of residents have never married and never registered a civil partnership. 10 per cent are divorced, 6 percent are widowed, with 2.5 per cent are separated but still married. 0.49 per cent of residents are, or were, married or in a civil partnerships of the same sex. 0.06 per cent of residents are in a civil partnerships with the opposite sex (2021 Census).	No adverse impact is anticipated.		
Pregnancy and maternity	The total fertility rate (TFR) for England was 1.62 children per woman in 2021. The total fertility rate (TFR) for Plymouth in 2021 was 1.5.	No adverse impact is anticipated.		

Race	<p>In 2021, 94.9 per cent of Plymouth's population identified their ethnicity as White, 2.3 per cent as Asian and 1.1 per cent as Black (2021 Census)</p> <p>People with a mixed ethnic background comprised 1.8 per cent of the population. 1 per cent of the population use a different term to describe their ethnicity (2021 Census)</p> <p>92.7 per cent of residents speak English as their main language. 2021 Census data shows that after English, Polish, Romanian, Chinese, Portuguese, and Arabic are the most spoken languages in Plymouth (2021 Census).</p>	No adverse impact is anticipated.		
Religion or belief	<p>48.9 per cent of the Plymouth population stated they had no religion. 42.5 per cent of the population identified as Christian (2021 Census).</p> <p>Those who identified as Muslim account for 1.3 per cent of Plymouth's population while Hindu, Buddhist, Jewish or Sikh combined totalled less than 1 per cent (2021 Census).</p>	No adverse impact is anticipated.		
Sex	<p>51 per cent of our population are women and 49 per cent are men (2021 Census).</p>	No adverse impact is anticipated.		
Sexual orientation	<p>88.95 per cent of residents aged 16 years and over in Plymouth describe their sexual orientation as straight or heterosexual. 2.06 per cent describe their sexuality as bisexual, 1.97 per cent of people describe their sexual orientation as gay or lesbian. 0.42 per cent of residents describe their sexual orientation using a different term (2021 Census).</p>	No adverse impact is anticipated.		

SECTION FOUR: HUMAN RIGHTS IMPLICATIONS

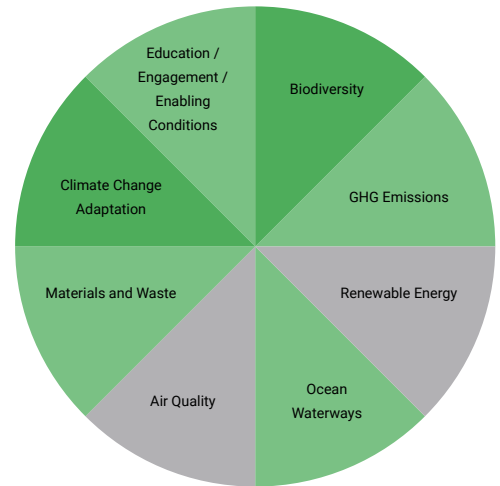
Human Rights	Implications	Mitigation Actions	Timescale and responsible department
	No adverse impact is anticipated.		

SECTION FIVE: OUR EQUALITY OBJECTIVES

Equality objectives	Implications	Mitigation Actions	Timescale and responsible department
Work together in partnership to: <ul style="list-style-type: none">▪ promote equality, diversity and inclusion▪ facilitate community cohesion▪ support people with different backgrounds and lived experiences to get on well together	No adverse impact is anticipated.		
Give specific consideration to care experienced people to improve their life outcomes, including access to training, employment and housing.	No adverse impact is anticipated.		
Build and develop a diverse workforce that represents the community and citizens it serves.	No adverse impact is anticipated.		
Support diverse communities to feel confident to report crime and anti-social behaviour, including hate crime and hate incidents, and work with partners to ensure Plymouth is a city where everybody feels safe and welcome.	No adverse impact is anticipated.		

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Trefusis test FINAL



Assessment ID: TRE166

Assessment Author: P Mugford

Assessment Initial Summary:

Trefusis Park SuDs Scheme to provide surface water storage and improve the facilities in the park.

Assessment Final Summary:

The majority of the outputs are positive with long term benefits. Where there are no impact or neutral impact there is mitigation. For air quality for instance the mitigation is as follows: Construction methods will seek to dampen down and control dust created. Following construction the additional tree planting could help to improve air quality. There are no renewable energy elements to this scheme.

Biodiversity Score: 5

Biodiversity Score Justification: Existing park is amenity grassland. Biodiversity will be increased through ecology pond, seasonal wetland and more diverse planting and additional trees.

Biodiversity Score Mitigate: No

GHG Emissions Score: 5

GHG Emissions Score Justification: Increase in the number of trees within the park leading to a reduction in carbon. Separation of surface water and reduction in flooding in habited areas will also reduce greenhouse gas emissions as there will be less energy used in processing waste water and cleaning up and rebuilding after flooding events have damaged property.

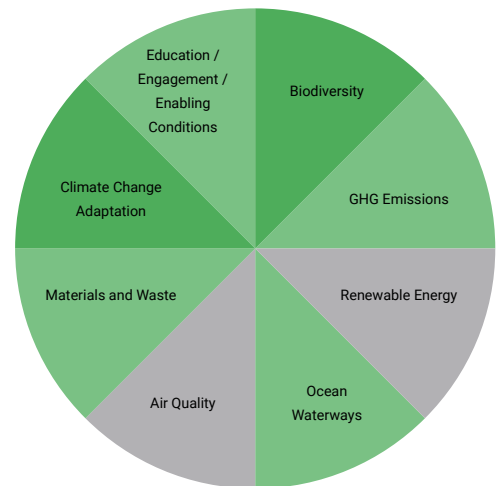
GHG Emissions Score Mitigate: No

Renewable Energy Score: 3

Renewable Energy Score Justification: There are no renewable energy elements to the project.

Renewable Energy Score Mitigate: No

Trefusis test FINAL



Ocean and Waterways Score: 5

Ocean and Waterways Score Justification: The project will create a permanent ecology pond as well as seasonal wet land basins with leaky dams, reed beds and aquatic planting to help filtrate the surface water to improve the water quality. The old drainage channel will also be filled in to create additional habitat

Ocean and Waterways Score Mitigate: No

Air Quality Score: 2

Air Quality Score Justification: During construction there could be a short term negative impact on air quality.

Air Quality Score Mitigate: Yes

Air Quality Revised Score: 3

Air Quality Revised Score Justification: Construction methods will seek to dampen down and control dust created. Following construction the additional tree planting could help to improve air quality.

Materials and Waste Score: 2

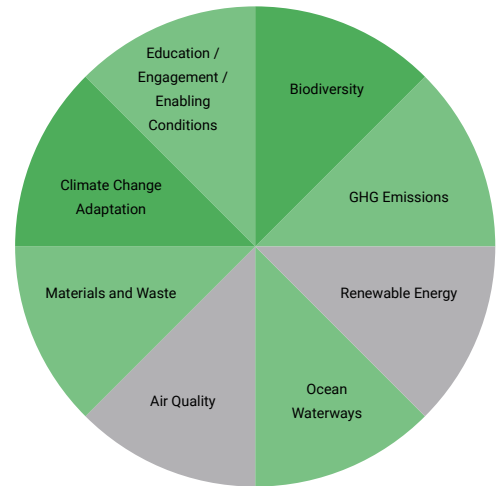
Materials and Waste Score Justification: During construction the project will create waste and require transportation of materials. This will be managed by a Site Waste Management plan. The mitigation is covered below.

Materials and Waste Score Mitigate: Yes

Materials and Waste Revised Score: 5

Materials and Waste Revised Score Justification: Following on from the scheme, SWW will separate out surface water upstream which will reduce the amount of treated combined sewage. Some local waste materials (china clay waste) will be used in construction. Local materials will be used for construction reducing transportation wastage.

Trefusis test FINAL



Climate Change Adaptation Score: 5

Climate Change Adaptation Score Justification: As surface water will be stored the effects of climate change such as flooding will be reduced in the future. This aims to increase resilience to flooding for the local area within Plymouth. For this scheme the number of properties with decreased flooding potential is 21. And 147 following the South West Water surface water separation.

Climate Change Adaptation Score Mitigate: No

Education / Engagement / Enabling Conditions Score: 5

Education / Engagement / Enabling Conditions Score Justification: Provision of wet land storage will mitigate issue of climate change for local people, through the reduction of the impacts of flooding. Improved facilities within the park will help people use local facilities resulting in less travel. There will be a public information exercise in June 2024. We will be considering opportunities for schools to visit during construction. The project is also supported by the Building resilience in Communities Team who are working with Lipson residents to help them be better prepared, for flooding, act promptly during a flood and recover quickly after a flood event.

Education / Engagement / Enabling Conditions Score Mitigate: No

Wheel Key

■ Long lasting or severe negative impact	■ Short term or limited negative impact	■ No impact or neutral impact	■ Short term or limited positive impact	■ Long lasting or extensive positive impact
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