



# **Teddington Direct River Abstraction**

Preliminary Environmental Information Report

Appendix 15.3 – Recreational Survey Data – Summer  
and Autumn 2024

Volume: 3

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Date: June 2025

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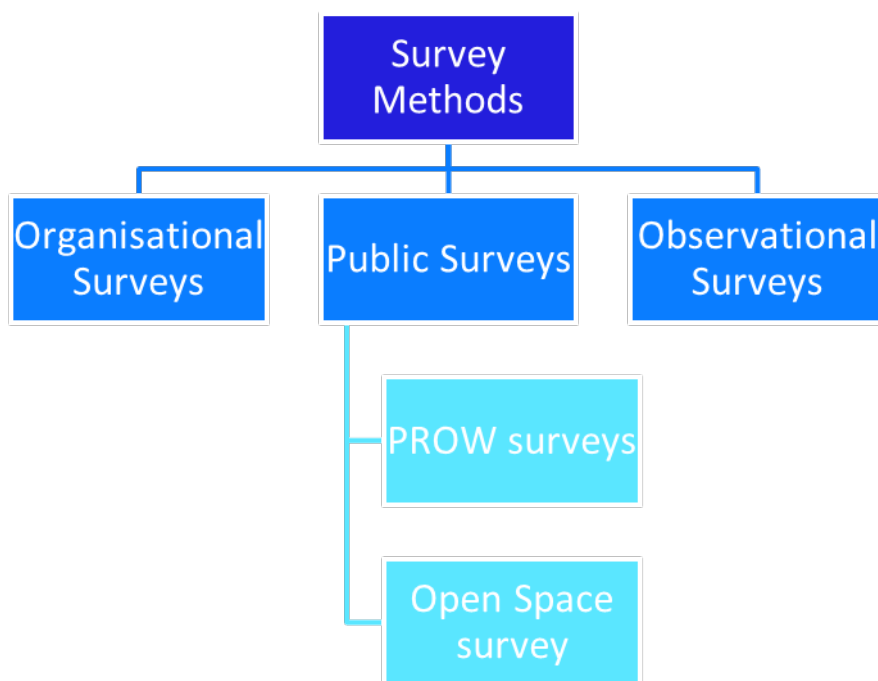
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## **Appendix 15.3 – Recreational Survey Data – Summer and Autumn 2024**

### **A.1 Introduction**

- A.1.1 The EIA Scoping Report identifies that there is potential for effects on population and health associated with changes in access to, and amenity of, recreational assets in proximity to the Teddington Direct River Abstraction (TDRA) Project. This includes land based assets such as play parks and areas of open space, as well as water based recreational uses of the River Thames, which is known to be used for activities such as wild swimming, paddleboarding, kayaking, sculling and rowing.
- A.1.2 To better understand how potential impacts on recreational facilities may affect local communities, recreation and health, recreational surveys have been undertaken.
- A.1.3 The purpose of the recreational surveys is to inform the EIA by providing information on how recreational assets and spaces in close proximity to the Teddington DRA Project are currently used, the frequency of use, and who uses them. The results will be used to inform the assessment of effects on recreational assets and support the development of mitigation and enhancement opportunities where appropriate.
- A.1.4 The survey approach consists of three methods: organisational surveys, public surveys, and observational surveys as shown in Plate A.1.
- a. Organisational surveys – These are questionnaires for community groups, clubs and other organisations who have been identified to use local recreational assets.
  - b. Public surveys – These are structured surveys with members of the public who are using local recreational assets and public spaces.
  - c. Observational surveys – These are surveys to record the use of local recreational assets and spaces, using tally charts.
- A.1.5 This Appendix is concerned with the two latter methodologies (only – public surveys and observational surveys) and presents the results from the summer and autumn 2024 schedules. The organisational surveys will be undertaken during summer 2025 and the data will be included in the Environmental Statement. Similarly, the results of the winter 2024 and spring 2025 surveys will be included in the Environmental Statement.

## Plate A.1 Recreational Survey Methods



A.1.6 Technical Appendix 15.3 provides a summary of public and observational surveys completed in summer 2024 and autumn 2024 (see the next section: Scope and Schedule for survey dates). In total, 557 recreational surveys have been undertaken across seven sites, 188 in the summer 2024 schedule, and 369 within the autumn 2024 schedule. This document provides a summary of the survey results from the the summer 2024 and autumn 2024 public and observational surveys.

## A.2 Scope and Schedule

A.2.1 Seven sites were selected, with each site scheduled for two days of surveys per season<sup>1</sup>.

A.2.2 Survey sites were chosen based on proximity to proposed scope of works. To ensure a robust dataset and baseline of recreational use per site, surveys were scheduled for both weekdays and weekends, as well as during and outside of school and national holidays. Duration of surveys changed in alignment with changing daylight hours and depending on whether surveys were conducted on weekdays or weekends/school and national holidays to ensure surveys captured anticipated peak usage.

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<sup>1</sup> Due to their high usage, Site 1 (Burnell Avenue Tow Path) and Site 2 (Burnell Avenue Play Space) were surveyed an additional two times per season via observational surveys.

### A.2.3 Dates of the surveys undertaken are listed below:

#### a. Summer 2024:

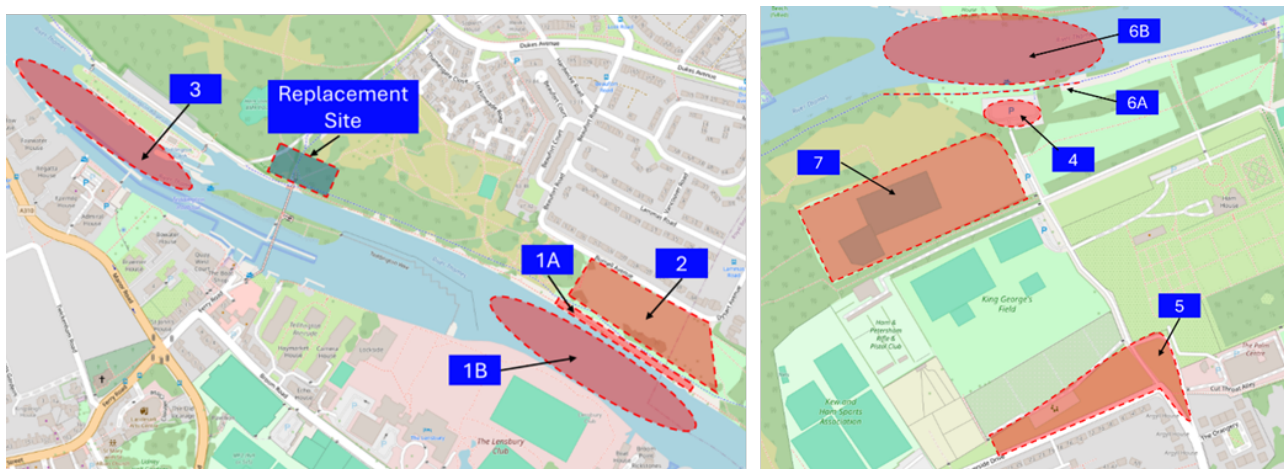
- i. Friday 30 August 2024
- ii. Saturday 31 August 2024
- iii. Monday 9 September 2024
- iv. Friday 13 September 2024
- v. Saturday 14 September 2024

#### b. Autumn 2024:

- i. Friday 25 October 2024<sup>2</sup>
- ii. Saturday 26 October 2024<sup>3</sup>
- iii. Sunday 3 November 2024
- iv. Monday 4 November 2024
- v. Friday 8 November 2024
- vi. Saturday 9 November 2024

### A.2.4 Plate A.2 shows the locations of each site surveyed.

#### Plate A.2 Map of Survey Sites



<sup>2</sup> Note that on the 25<sup>th</sup> and 26<sup>th</sup> of October, health and safety measures put in place by the principal contractor resulted in surveyors unable to survey sites 1 and 2. A replacement site was selected for these dates as shown in Plate A.2 which was deemed to be illustrative of Site 1 because both sites are on the Thames River Path.

<sup>3</sup> See note 2.

A.2.5 A description of each of the sites is outlined below:

- a. **Site 1a: Burnell Avenue River Path.** Surveyors observed users of the Thames River Path and National Cycle Network through both observational surveys and public surveys with users of this space.
- b. **Site 1b: Thames River users upstream of Teddington lock.** Surveyors observed users of the River Thames adjacent to the Burnell Avenue Site through observational surveys only. Public surveys were not feasible in this context because the focus was on river usage rather than land usage.
- c. **Site 2: Burnell Avenue Play Space.** Surveyors observed users of the Burnell Avenue Play Space through both observational surveys and also undertook public surveys with users of this space.
- d. **Site 3: Downstream of Teddington Lock.** Surveyors observed users of the River Thames downstream of Teddington Lock through observational surveys only. Public surveys were not feasible in this context because the focus was on river usage rather than land usage.
- e. **Site 4: Ham Street Car Park.** Surveyors observed users of the Ham Street Car Park site through observational surveys (Summer & Autumn) and also undertook public surveys (Autumn) with users of this space<sup>4</sup>.
- f. **Site 5: Ham Street/ Riverside Drive Intersection.** Surveyors undertook observational surveys and also undertook public surveys with users of the space. This included Riverside Drive play area and those using recreational facilities around Ham Street.
- g. **Site 6a: Ham Street River path:** Surveyors undertook observational surveys and also undertook public surveys with users of the Thames River Path at Ham Street.
- h. **Site 6b: Users of the River Thames at Ham Street.** Surveyors undertook observational surveys of users of the River Thames in the Ham Street area. Public surveys were not feasible in this context because the focus was on river usage rather than land usage.
- i. **Site 7: Ham Playing Fields.** Surveyors undertook observational surveys and also undertook public surveys with users of Ham Playing Fields.

A.2.6 Table A.1 below lists dates and times each site location was surveyed. Following an initial site walkover and scoping exercise prior to survey work starting, it was agreed to combine Site 5 (Ham Street/Riverside Drive Intersection) and Site 7 (Ham Playing Fields) as the sites are geographically very close together and low pedestrian flow meant surveyors could walk between these two sites rather than remaining at each location for the entire day.

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<sup>4</sup> Note that public surveys at site 4 were undertaken in Autumn only due to availability of surveyors.

Table A.1 Dates and times of survey

Site Number and Name	Date(s) Surveyed	Time of Survey	Weather Conditions	Type(s) of Surveys Undertaken at Each Site
Site 1a (Burnell Avenue River Path) and Site 1b (Thames River users upstream of Teddington lock)	Friday 30/08/24	08:00-18:00	Sunny and warm	Observational surveys PRoW (Public Rights of Way) survey (public survey)
	Saturday 31/08/24	10:00-16:00	Overcast and warm	
	Friday 13/09/24	08:00-18:00	Sunny and warm	
	Saturday 14/09/24	10:00-16:00	Sunny and warm	
	Friday 25/10/24	08:00-16:00	Overcast and misty	
	Saturday 26/10/24	11:00-15:00	Drizzle and warm	
	Friday 08/11/24	08:00-16:00	Overcast and cold	
Site 2 (Burnell Avenue Play Space)	Saturday 09/11/24	11:00-15:00	Overcast and cold	Observational surveys Open space survey (public survey)
	Friday 30/08/24	08:00-18:00	Sunny and warm	
	Saturday 31/08/24	10:00-16:00	Overcast and warm	
	Friday 13/09/24	08:00-18:00	Sunny and warm	
	Saturday 14/09/24	10:00-16:00	Sunny and warm	
Site 3 (Downstream of Teddington Lock)	Friday 08/11/24	08:00-16:00	Overcast and cold	Observational surveys
	Saturday 26/10/24	08:00-16:00	Drizzle and warm	
	Friday 25/10/24	08:00-16:00	Overcast and misty	
	Friday 13/09/24	08:00-18:00	Sunny and warm	
	Friday 30/08/24	08:00-18:00	Sunny and warm	
Site 4 (Ham Street Car Park)	Monday 04/11/24	08:00-16:00	Overcast and cool	Observational surveys open space survey
	Sunday 03/11/24	11:00-15:00	Overcast and cold	
	Monday 09/09/24	08:00-18:00	Overcast and windy	
Site 5 (Ham Street/ Riverside Drive Intersection) Site 7 (Ham Playing Fields)	Monday 04/11/24	08:00-16:00	Overcast and cool	Observational surveys Site 5 (Ham Street/Riverside Drive Intersection): PRoW survey (public survey) Site 7 (Ham Playing Fields): open space survey (public survey)
	Sunday 03/11/24	11:00-15:00	Overcast and cold	
	Monday 09/09/24	08:00-18:00	Overcast and windy	

Site Number and Name	Date(s) Surveyed	Time of Survey	Weather Conditions	Type(s) of Surveys Undertaken at Each Site
Site 6a (Ham Street River path) Site 6b (Users of the River Thames at Ham Street)	Monday 09/09/24 Sunday 03/11/24 Monday 04/11/24	08:00-18:00 11:00-15:00 08:00-16:00	Overcast and windy Overcast and cold Overcast and cool	Observational surveys PRoW survey (public survey)

### A.3 Summer 2024 Data Analysis

A.3.1 This section presents the results of the summer 2024 surveys.

#### Observational Tally

A.3.2 Table A.2 shows the number of users observed per site, broken down by age.

Table A.2 Users by site (Observational Tally)

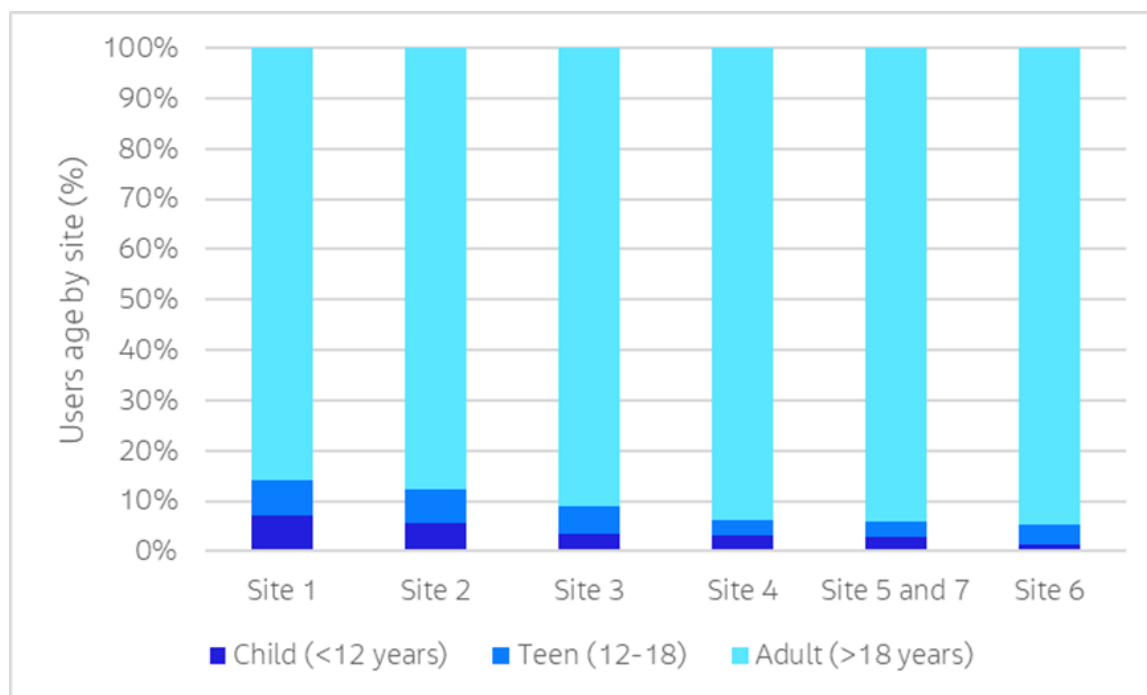
Site	Date	Child (<12 years)	Teen (12-18)	Adult (>18 years)	Total (All ages)
Site 1	30/08/2024	40	40	583	663
Site 1	31/08/2024	10	13	104	127
Site 1	13/09/2024	21	38	323	382
Site 1	14/09/2024	52	33	495	580
Site 2	30/08/2024	26	13	80	119
Site 2	31/08/2024	20	28	688	736
Site 2	13/09/2024	20	42	248	310
Site 2	14/09/2024	16	17	273	306
Site 3	30/08/2024	2	3	51	56
Site 3 <sup>5</sup>	13/09/2024	0	0	0	0
Site 4	09/09/2024	3	3	91	97
Site 5 and 7	09/09/2024	3	3	97	103
Site 6	09/09/2024	4	14	312	330

<sup>5</sup> The age data for site users at Site 3 on 13/09/2024 was not captured due to a user error during the survey process. This oversight has been acknowledged and measures were implemented for future surveys. The purpose of users visit was captured and is presented further down in the report.

A.3.3 The data shows that adults consistently made up the largest group of attendees across all sites and dates, with Site 2 (Burnell Avenue Play Space) on 31/08/2024 having the highest single-day attendance for an individual site of 736, driven mainly by adults. Certain dates like 30/08/2024 and 31/08/2024 saw higher attendance, possibly due to the surveys being taken during the school holidays with good weather. Across all sites and dates, the 14/09/2024 recorded the highest number of observations.

A.3.4 Plate A.3 shows the age breakdown of users across the seven sites where the observational tallies were conducted.

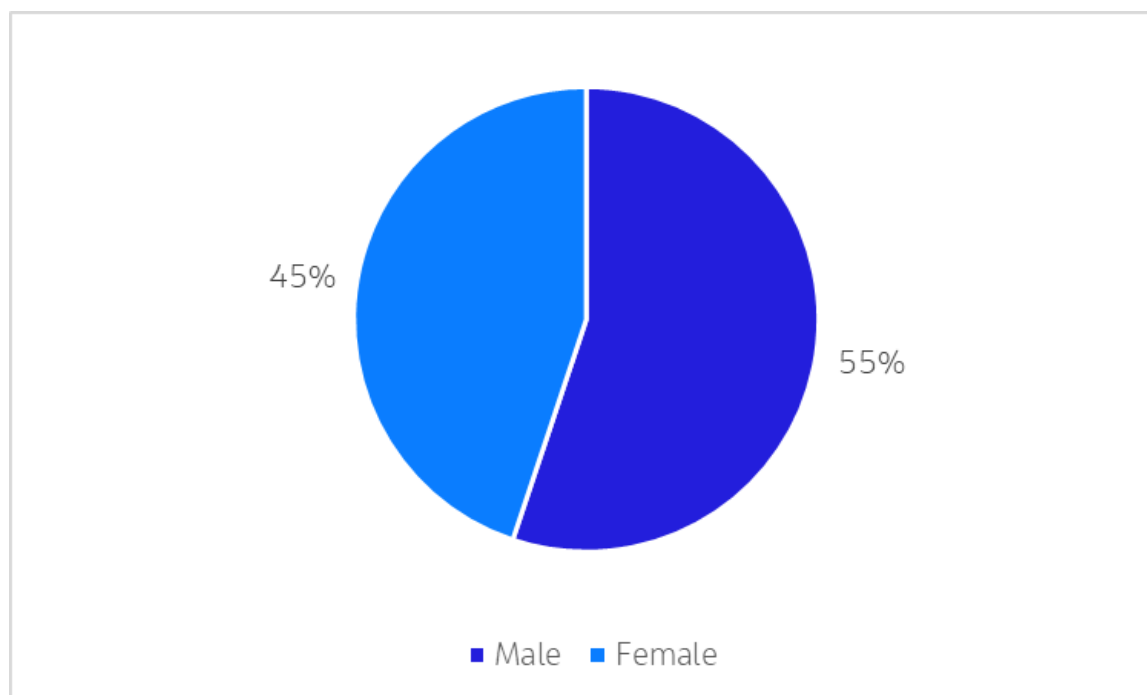
Plate A.3 Users age by site



A.3.5 Across all sites, the majority of users are adults (85% or more), with a small proportion (less than 8%) of users teenagers and children.

A.3.6 Plate A.4 shows the gender breakdown of users across all sites where the observational tallies were conducted.

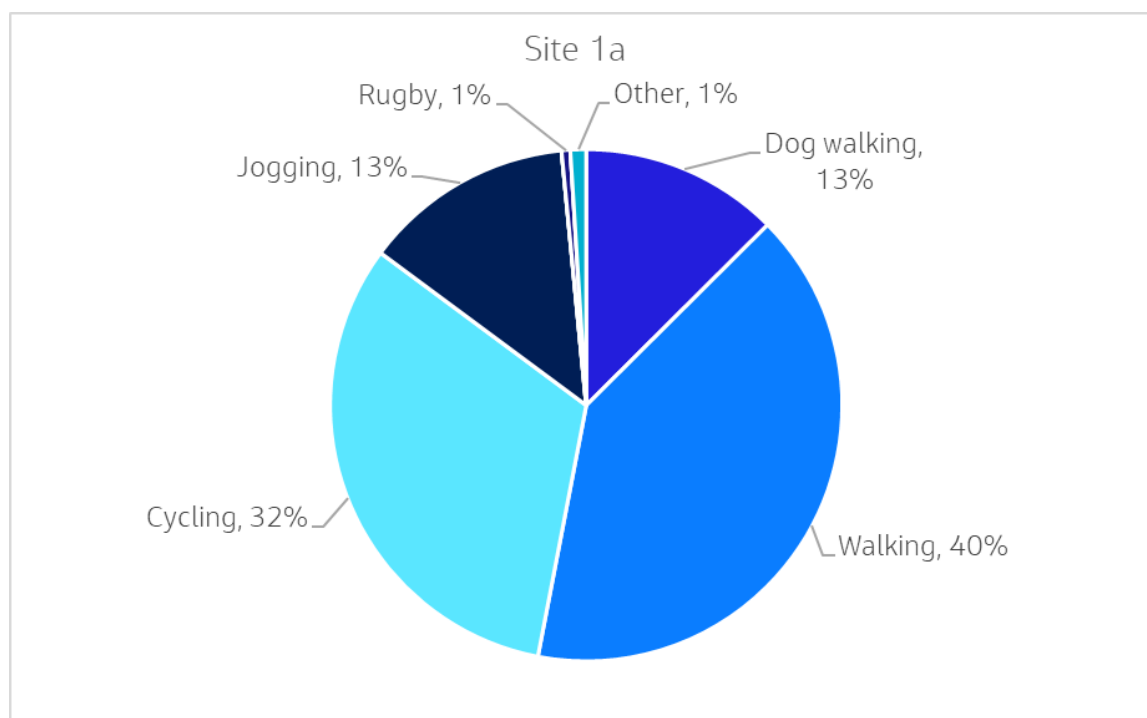
Plate A.4 Breakdown of users by gender (Observational Tallys)



A.3.7 The data shows 55% of users were identified as male, representing the larger demographic, and 45% of users were identified as female.

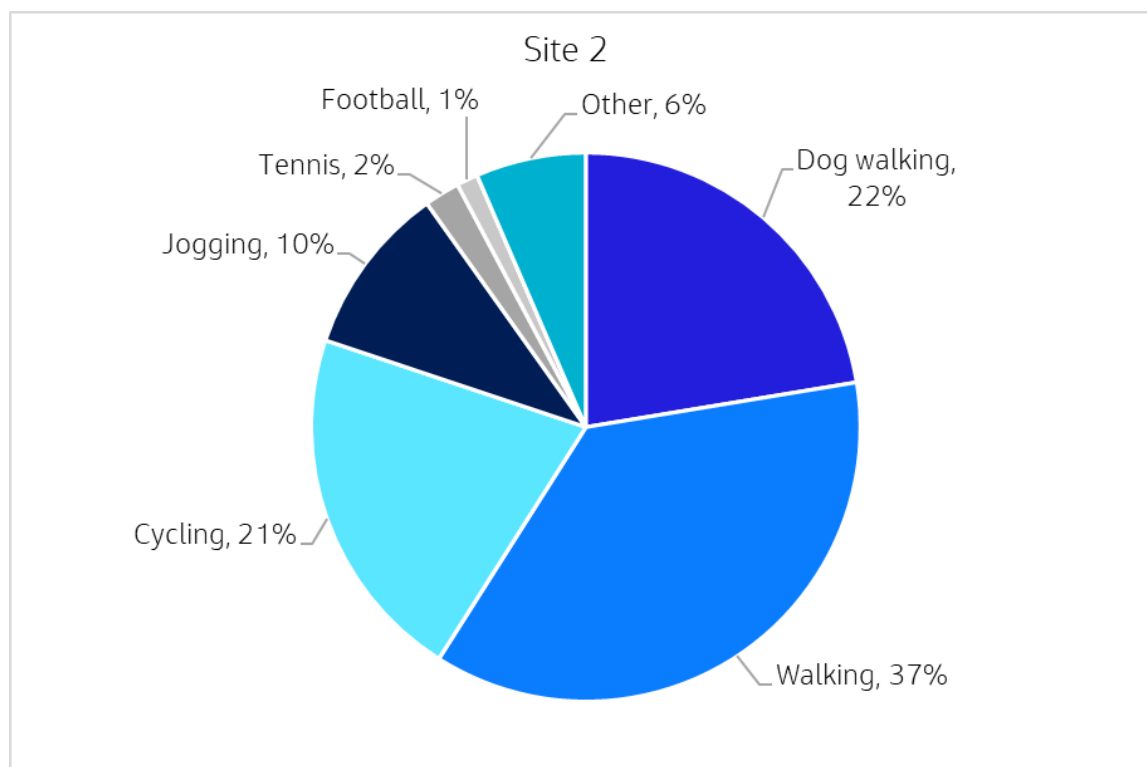
A.3.8 Plate A.5 shows the recreation activities of the users of Site 1a (Burnell Avenue River Path) and 1b (Thames River users upstream of Teddington lock) as derived from observations.

Plate A.5 Recreational use of Site 1a (Burnell Avenue River Path) and 1b (Thames River users upstream of Teddington lock)



A.3.9 Plate A.6 shows show the recreation activities observed for users of Site 2 (Burnell Avenue Play Space)

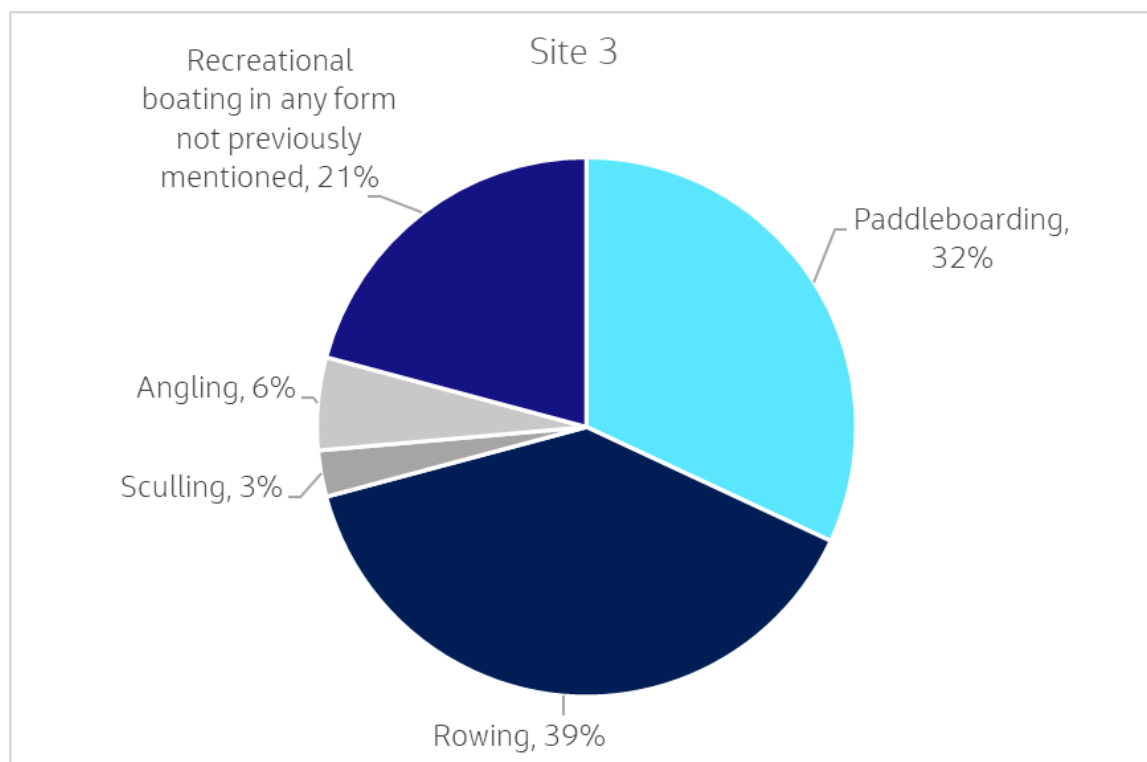
Plate A.6 Recreational use of Site 2 (Burnell Avenue Play Space)



A.3.10 Site 1a (Burnell Avenue River path) and 2 (Burnell Avenue Place Space) shared a similar profile, with the most common activities being walking, dog walking, cycling and jogging.

A.3.11 At Site 1b, surveyors observed river use and found users engaged in paddleboarding, sculling and other forms of recreational boating and other water based recreational activities.

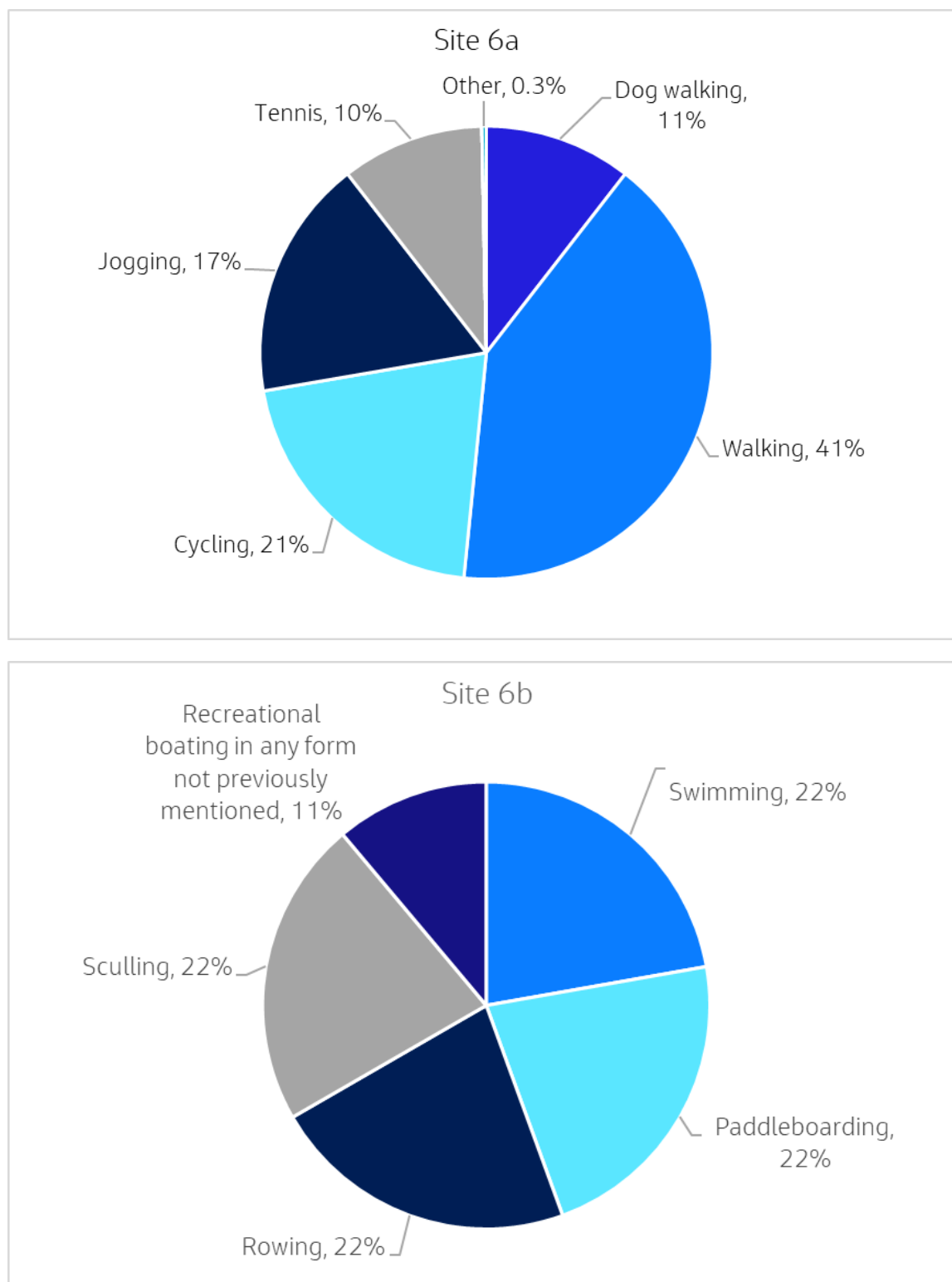
### Plate A.7 Recreational use of Site 3 (Teddington Lock)



A.3.12 Plate A.7 shows the recreation activities the users of Site 3 (Teddington Lock) engaged in as derived from observational surveys. All recreational activities related to the tidal side of the Lock at Site 3 (Teddington Lock) centred around the use of the water (tidal water side of the lock), with the most prevalent activity being rowing (28 individuals) and paddleboarding (23 individuals). Other forms of recreational boating, and angling were present. A very small proportion of users also engaged in sculling.

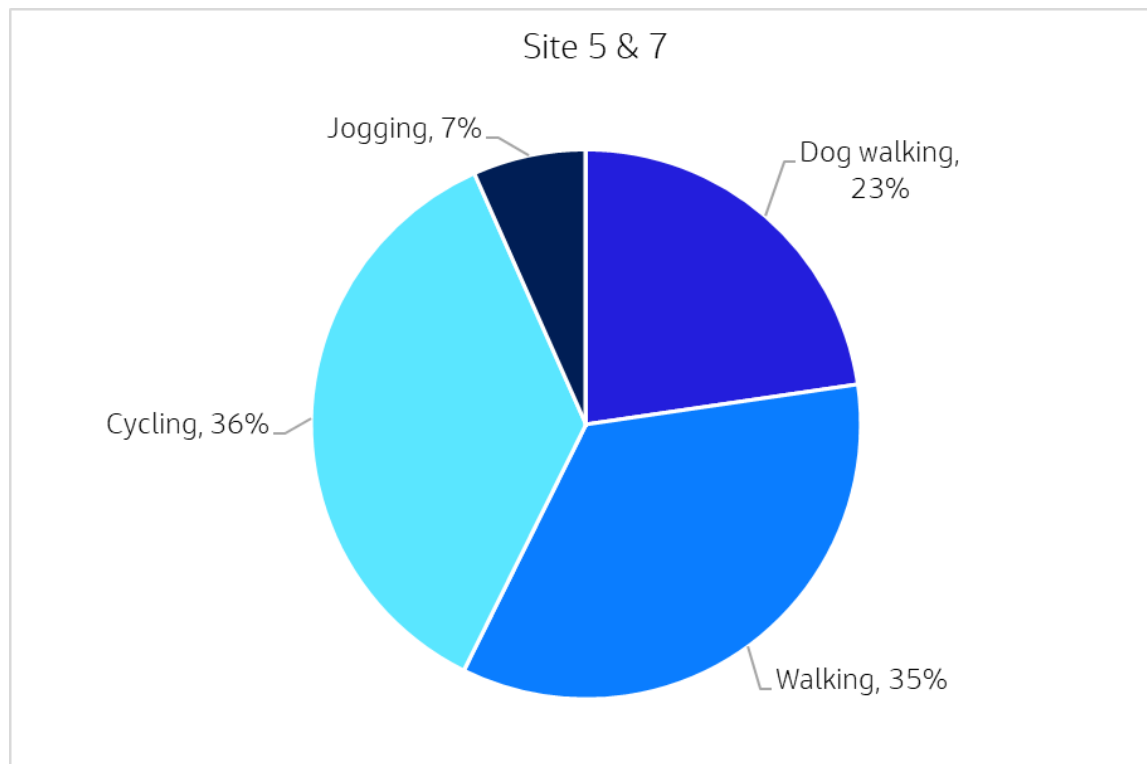
A.3.13 Plate A.8 shows the recreation activities observed across Site 6a (Ham Street River path) and 6b (Users of the River Thames at Ham Street).

Plate A.8 Recreational use of Site 6a (Ham Street River Path) and 6b (Users of the River Thames at Ham Street)



A.3.14 Plate A.9 shows the recreation activities observed across Sites 5 and 7 (5 - Ham Street/Riverside Drive Intersection 7- Ham Playing Fields).

### Plate A.9 Recreational use of Sites 5 and 7 (5 - Ham Street/Riverside Drive Intersection 7- Ham Playing Fields)

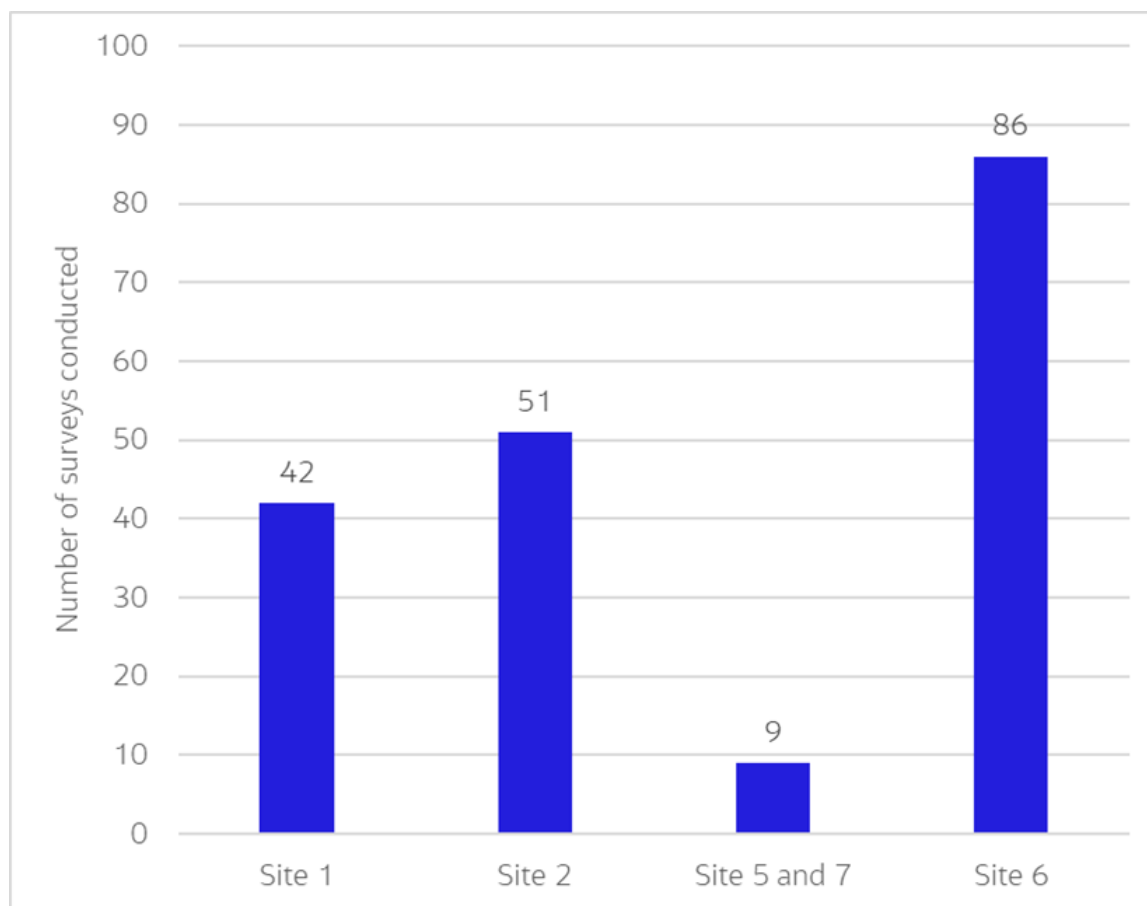


A.3.15 Across all sites, the majority of users were using the space for walking, cycling, dog walking and jogging. In addition to these activities, Site 6b (Users of the River Thames at Ham Street) saw users participating in water-related activities such as swimming, sculling, rowing, and paddleboarding. Users were observed with tennis equipment at Site 6a and were considered most likely to be using the Thames Path to access tennis courts at King Georges field on Ham Street.

### Public Survey Data

A.3.16 This section provides a summary of the results of the surveys. Plate A.10 shows the number of surveys conducted by site by date.

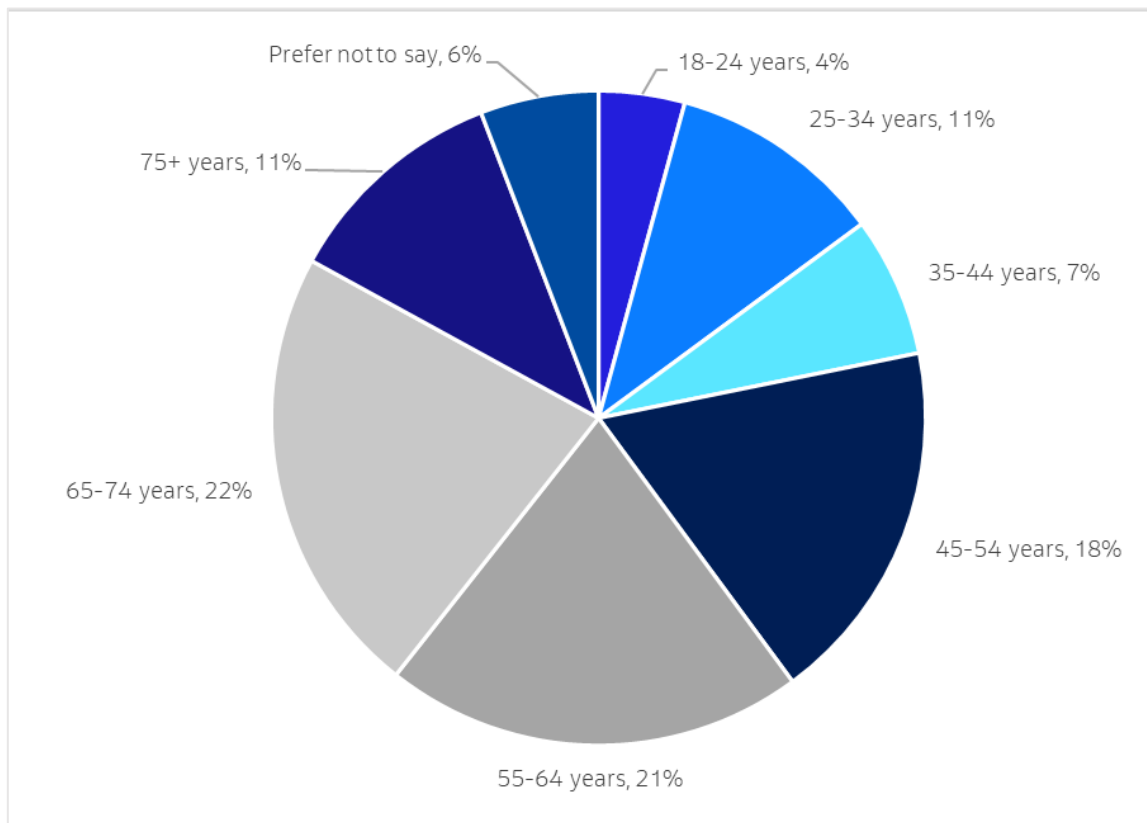
Plate A.10 Total surveys conducted by site



A.3.17 Plate A.10 shows that in total 188 surveys were conducted during the first round of summer surveys with the majority (86) of these undertaken at Site 6 (Ham Street River path). Nine surveys were conducted across Sites 5 and 7 (5- Ham Street/Riverside Drive Intersection; 7- Ham Playing Fields) reflective of lower use of these sites. Site 3 (Teddington Lock) was subject to observational surveys only throughout the survey schedule. Public surveys were not feasible in this context because the focus was on river usage rather than land usage at Teddington Lock. Site 4 (Ham Street Car Park) was subject to observational surveys only throughout the summer survey schedule, in-person surveys were added at Site 4 (Ham Street Car Park) within the autumn survey schedule.

A.3.18 Plate A.11 shows the age of participants who participated in surveys.

### Plate A.11 Breakdown of surveys conducted by age



A.3.19 The largest proportion of participants were aged 45-54 years (18%), 55-64 years (21%), and 65-74 years (22%). There were the same proportion of participants within the age ranges of 25-34 years and 75+ years (11%). The 18-24 years and 35-44 years old age groups were the least represented age groups surveyed, making up less than 20% of total respondents.

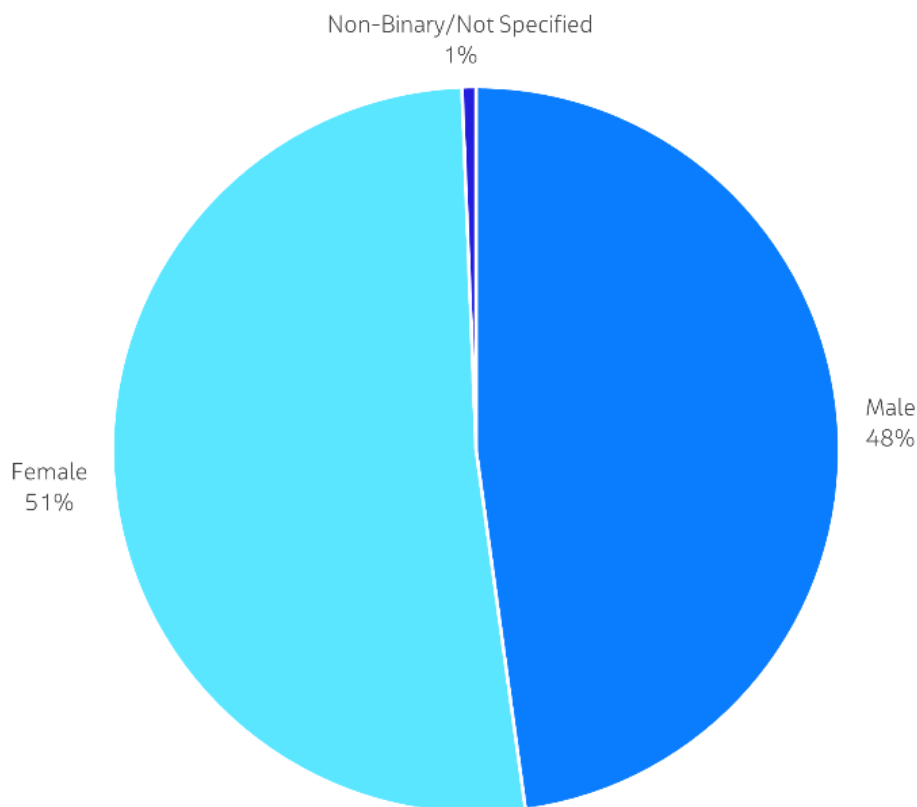
A.3.20 Table A.3 shows the distribution of age across the survey sites.

Table A.3 Total suveys conducted by site by age by date

Site	Date	18-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65-74 years	75+ years	Prefer not to say	Total
Site 1	30/08	0	0	3	1	7	3	3	1	18
Site 1	31/08	2	5	1	7	1	4	1	3	24
Site 2	30/08	0	4	2	7	15	5	3	0	36
Site 2	31/08	0	1	1	2	2	8	1	0	15
Sites 5 and 7	09/09	1	0	1	0	1	2	3	1	9
Site 6	09/09	5	10	5	17	13	20	10	6	86

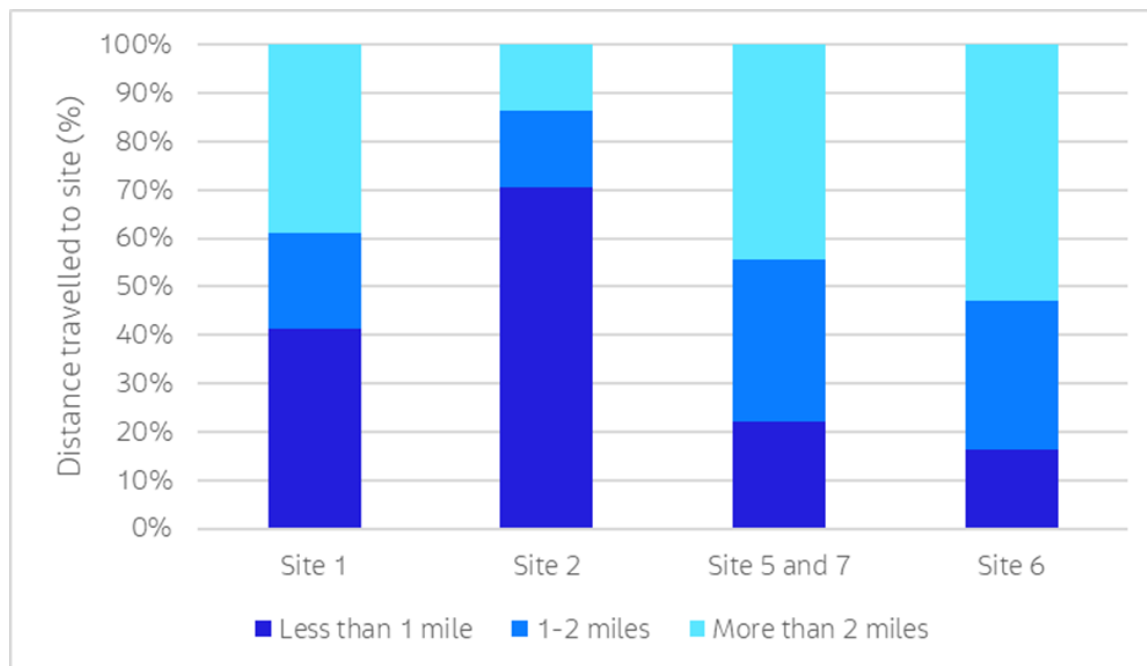
- A.3.21 Site 1 (Burnell Avenue River path) and Site 6 (Ham Street River path) had a similar profile, with the majority of participants falling within the age categories of 45-54 years, 55-64 years, and 65-74 years.
- A.3.22 Site 2 (Burnell Avenue Play Space) was largely made up with participants aged 55-64 years and 65-74 years. Sites 5 and 7 (5 - Ham Street/Riverside Drive Intersection; 7 - Ham Playing Fields) was the only site where participants ages 75+ years represented the majority, followed by those aged 65-74 years.
- A.3.23 Plate A.12 shows the gender breakdown of participants across all surveyed sites.

Plate A.12 Total surveys conducted by gender



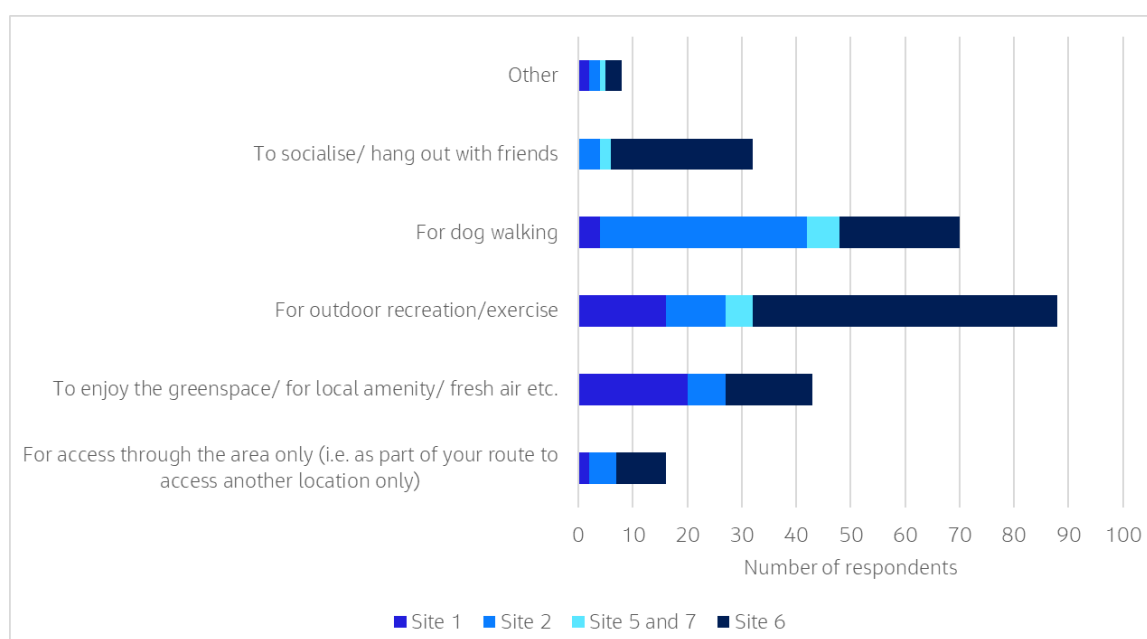
- A.3.24 There was a fairly even split between male and female participants, with a slightly larger proportion of female participants. A small number of participants identified as 'non-binary/not specified'.
- A.3.25 Plate A.13 shows the distance participants travelled to use the surveyed sites.

### Plate A.13 Distance travelled to site



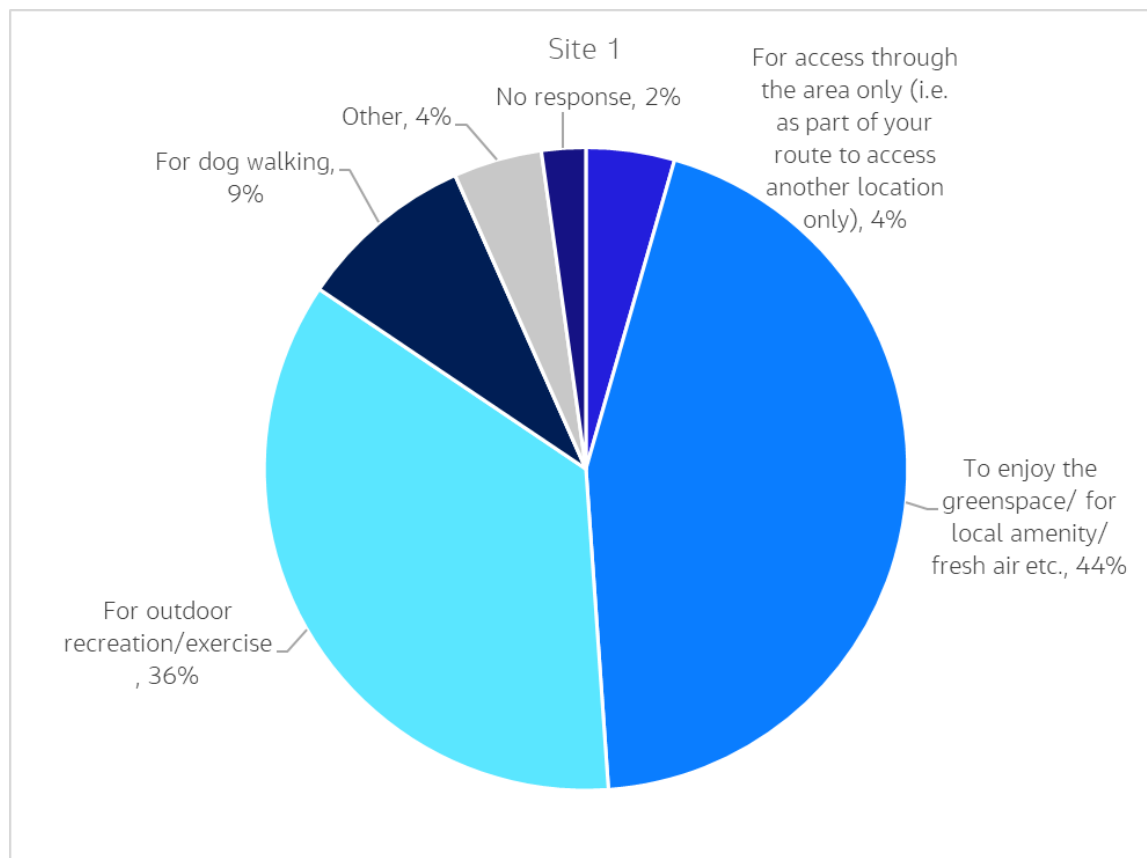
- A.3.26 Sites 5 and 7 (5 - Ham Street/Riverside Drive Intersection; 7 - Ham Playing Fields) and Site 6 (Ham Street River Path) exhibit a similar pattern with many participants travelling over two miles to use the site (44% and 52% respectively).
- A.3.27 A similar proportion of participants travelled less than one mile (40%), or more than two miles (38%) to reach Site 1 (Burnell Avenue River Path).
- A.3.28 Site 2 (Burnell Avenue Play Space) was the only site where the majority of participants travelled less than one mile to reach the location (71%).

### Plate A.14 Purpose of visit for all sites



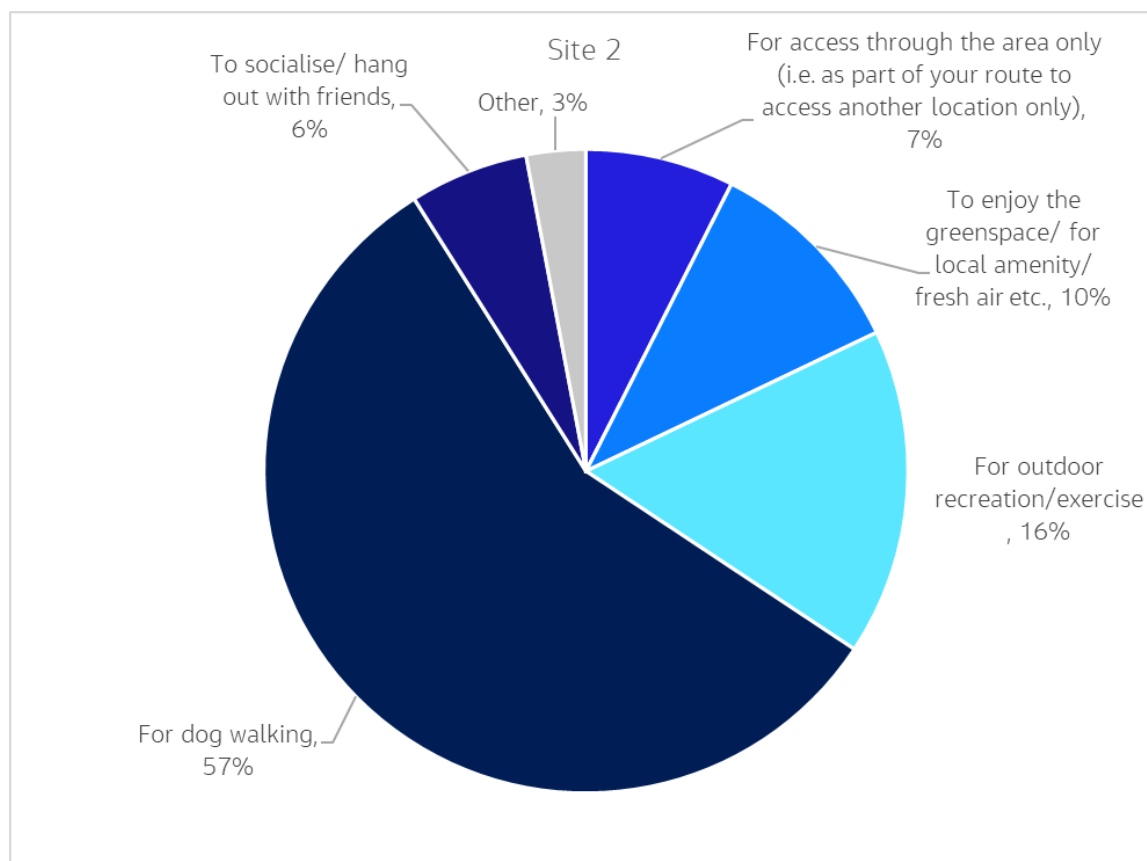
- A.3.29 Plate A.14 shows that across all sites, the largest number of participants (88 people) said that they use the sites for outdoor recreation/exercise. It should be noted that a majority of this number came from Site 6 (Ham Street River Path).
- A.3.30 A large number of survey respondents (70 people) also stated that they use the sites for dog walking.
- A.3.31 Plate A.15 shows the reasons participants visited Site 1 (Burnell Avenue River Path).

Plate A.15 Purpose of visit to Site 1 (Burnell Avenue River Path)



- A.3.32 The majority of participants visited Site 1 (Burnell Avenue River Path) to enjoy the greenspace or to use the site for outdoor recreation/exercise. In total, 9% of users visited the area for dog walking or to use the site as access to another location (4%).
- A.3.33 Plate A.16 shows the reasons participants visited Site 2 (Burnell Avenue Play Space).

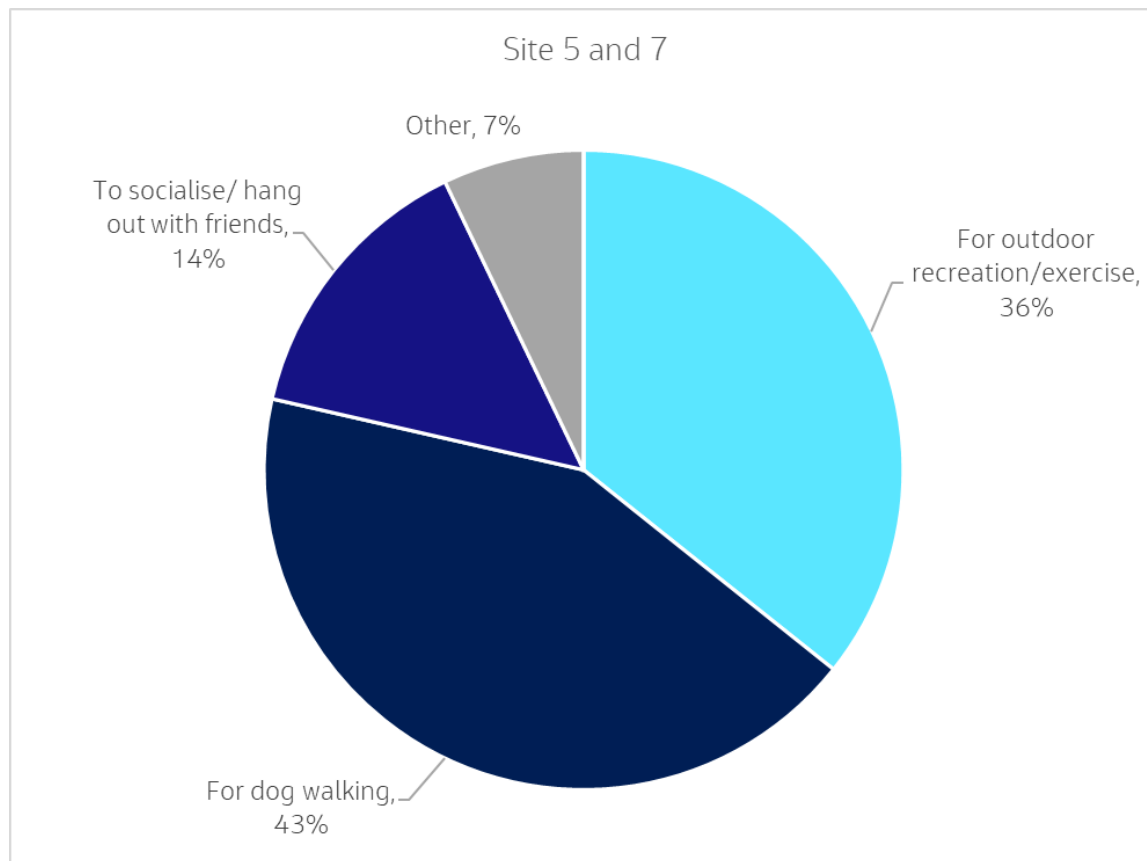
### Plate A.16 Purpose of visit to Site 2 (Burnell Avenue Play Space)



A.3.34 The majority of participants visited for the purpose of dog walking. Participants also used the space for outdoor recreation/exercise; to enjoy the greenspace; as a route of access to another location; and to socialise.

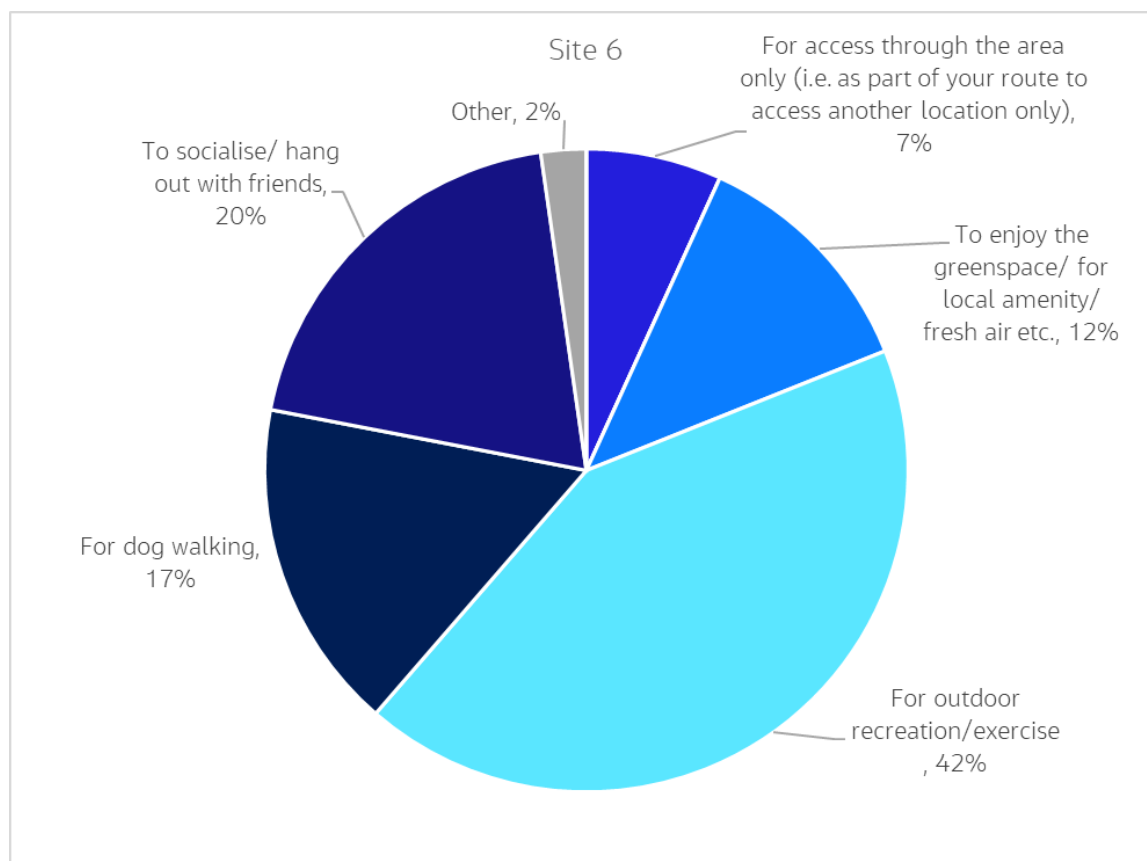
A.3.35 Plate A.17 shows the reasons participants visited Sites 5 and 7 (5 - Ham Street/Riverside Drive Intersection; 7 - Ham Playing Fields).

**Plate A.17 Purpose of visit to Sites 5 and 7 (5 - Ham Street/Riverside Drive Intersection;  
7 - Ham Playing Fields)**



- A.3.36 The surveys revealed only three purposes of visit. 45% of participants visited for the purpose of dog walking. A large proportion (36%) of participants also visited for outdoor recreation/exercise. A smaller proportion (14%) of participants visited the site to socialise.
- A.3.37 Plate A.18 shows the reasons participants visited Site 6 (Ham Street River Path).

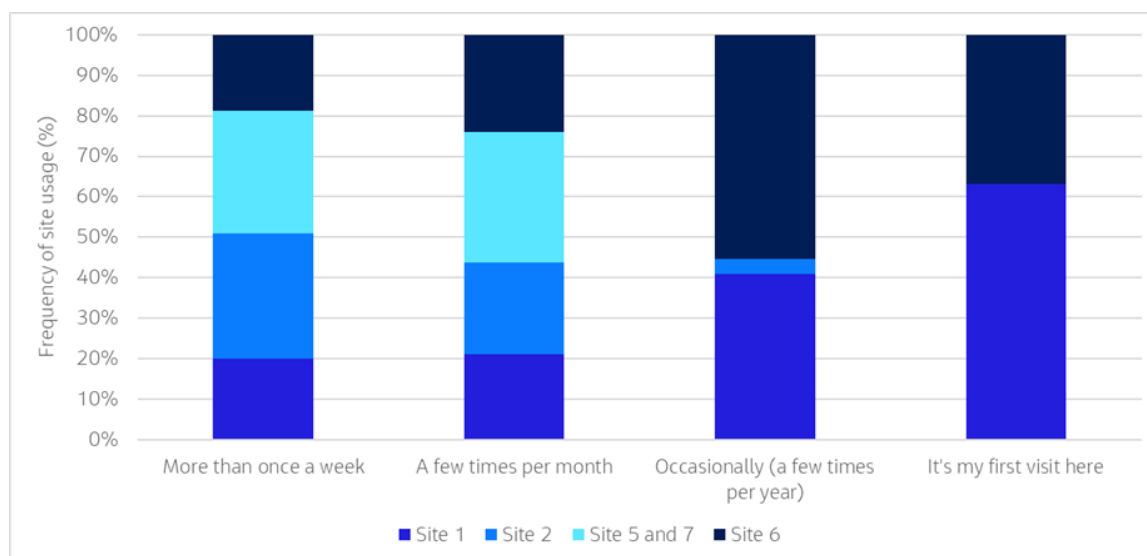
Plate A.18 Purpose of visit to Site 6 (Ham Street River Path)



A.3.38 The most common purpose of visit to Site 6 was for outdoor recreation/exercise (42%). The next most common purpose of visit was to socialise/hang out with friends (20%) followed by dog walking (17%). Participants also used the site to access another location, or to enjoy the greenspace it offered.

A.3.39 Plate A.19 shows how often participants visited the sites.

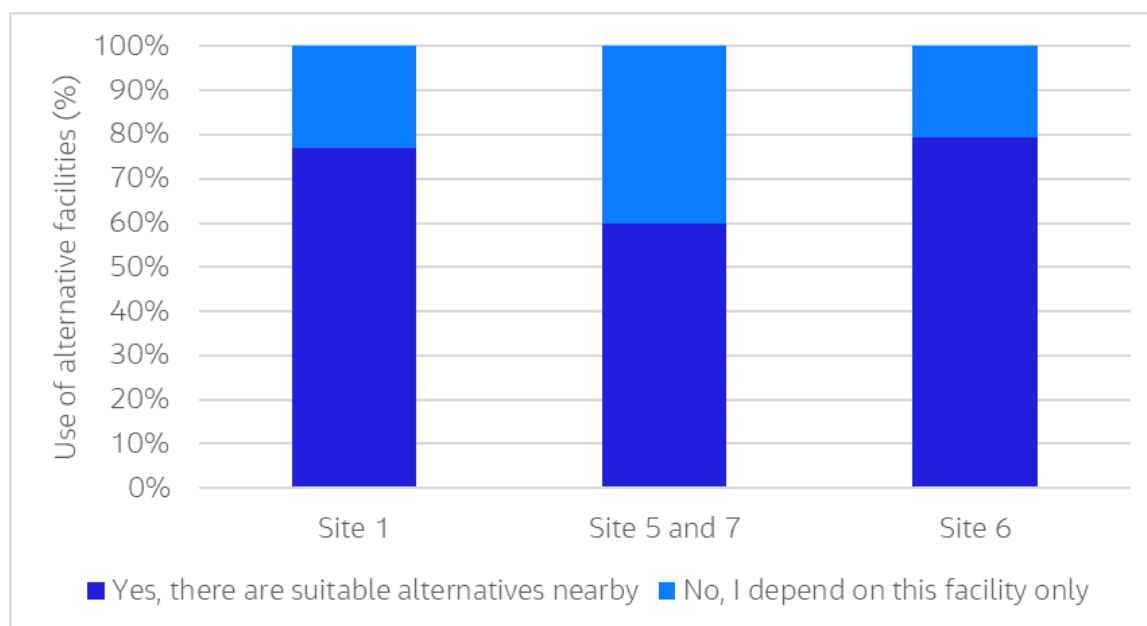
Plate A.19 Frequency of use by site



A.3.40 The majority of participants across all sites visit more than once a week.

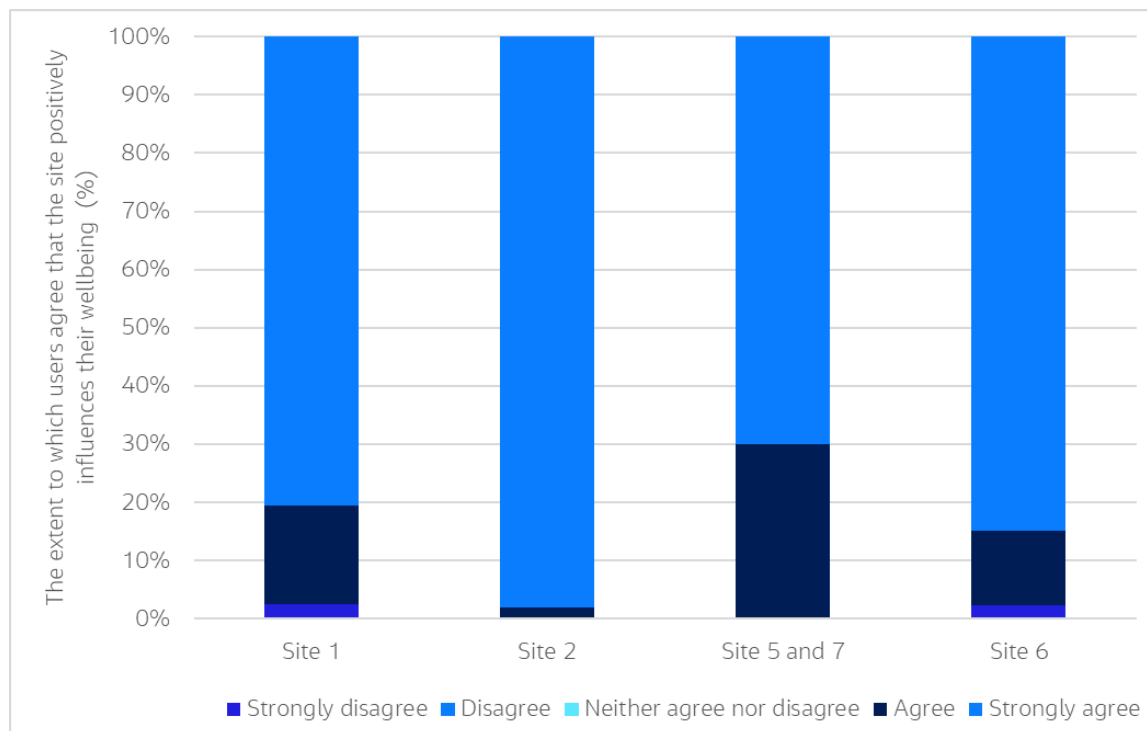
- A.3.41 Participants also visited Sites 1 (Burnell Avenue River Path) and 6 (Ham Street River Path) a few times per year and per month. 12% of respondents were visiting the site for the first time.
- A.3.42 Only 2% of participants visit Site 2 (Burnell Avenue Play Space) a few times per year, with no-one that was surveyed visiting for their first time.
- A.3.43 Plate A.20 shows participants view of the availability of alternative space.

Plate A.20 Availability of alternative space, by site



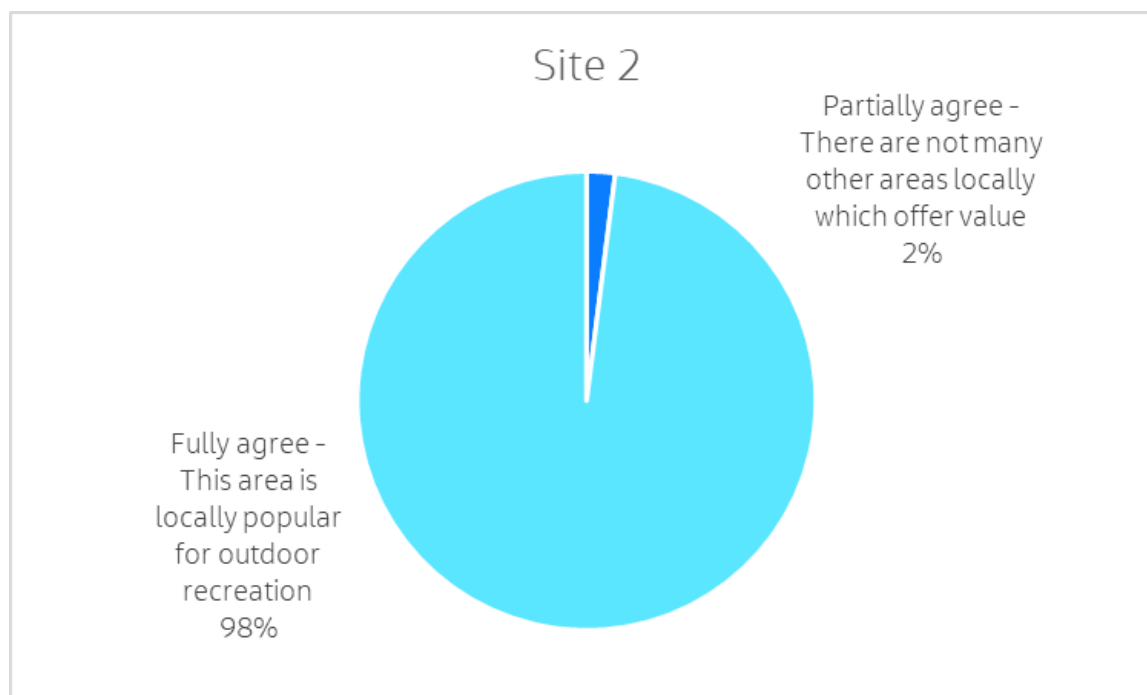
- A.3.44 The majority of participants across all sites felt there were suitable alternatives nearby. However, a greater proportion of participants at Sites 5 and 7 (5 - Ham Street/Riverside Drive Intersection; 7 - Ham Playing Fields) felt they depended solely on that facility.
- A.3.45 Plate A.21 shows participants feelings towards the extent the space is 'an important positive influence on their wellbeing'.

Plate A.21 Perceived impact of sites on users wellbeing



- A.3.46 Across all sites the majority of participants ‘strongly agreed’ the space positively influenced their wellbeing, with a smaller proportion ‘agreeing’.
- A.3.47 Site 1 (Burnell Avenue River Path) and Site 6 (Ham Street River Path) were the only sites to exhibit a small proportion of participants strongly disagreeing with the statement of ‘[survey location] has an important positive influence on wellbeing’.
- A.3.48 Plate A.22 shows the extent participants agreed with the statement that ‘[survey location] is an important area for recreation’.

## Plate A.22 Level of user agreement on the site's importance as an area of recreation



A.3.49 The majority of users of Site 2 (Burnell Avenue Play Space) fully agreed that the area is important for outdoor recreation, with just one respondent suggesting that there are not many other areas locally that offer value for recreation (partially agree).

### General Observations

A.3.50 Sites were grouped into two distinct geographies, as shown in Plate A.2. Sites 1 to 3 around Burnell Avenue, and Sites 4 to 7 around Ham Street. The following general observations were reported by the survey team:

A.3.51 Site 1 (Burnell Avenue River Path), and Site 6 (Ham Street River Path) were the busiest sites. There were periods throughout surveying where there were more than 20 people at one given.

- a. At Site 1 (Burnell Avenue River Path), there were a large number of recreational boat users which travelled downstream to above the weir and then turned around.
- b. Site 2 (Burnell Avenue Play Space) was identified by surveyors as having most engagement with the public in relation to time taken to conduct each survey and general interest from the public on activities being undertaken. This is likely due to the nature of the site as open space and type of use of the site.

A.3.52 Surveyors noted that Site 3 (Teddington Lock) was particularly quiet. Continued observational surveys will confirm if this accurately represents usage of space.

## A.4 Autumn 2024 Data Analysis

### Observational Tally

A.4.1 Table A.4 shows number of users observed per site, broken down by age. For the surveys conducted on October 25th and 26th, our surveyors were positioned at an alternative site, as illustrated in Plate A.2. Observational data for this site is shown in the table below.

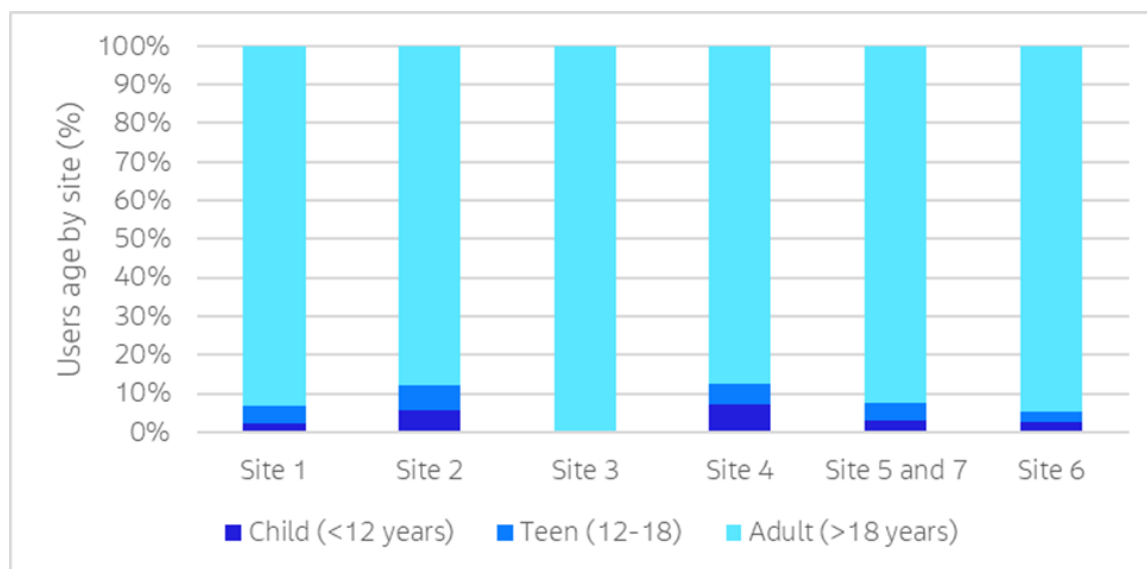
Table A.4 Users by site (Observational Tally)

Site	Date	Child (<12 years)	Teen (12-18 years)	Adult (>18 years)	Total (All ages)
Site 1	08/11/2024	17	33	796	846
Site 1	09/11/2024	20	36	651	707
Site 2	08/11/2024	0	6	108	114
Site 2	09/11/2024	17	13	153	183
Site 3	25/10/2024	0	0	14	14
Site 3	26/10/2024	0	0	3	3
Site 3	08/11/2024	0	0	3	3
Site 4	03/11/2024	45	30	398	473
Site 4	04/11/2024	5	4	195	204
Sites 5 and 7	03/11/2024	11	16	158	185
Sites 5 and 7	04/11/2024	3	3	253	259
Site 6	03/11/2024	20	19	610	649
Site 6	04/11/2024	11	11	470	492
Replacement Site for Site 1	25/10/2024	7	3	153	163
Replacement Site for Site 1	26/10/2024	62	70	1074	1206

A.4.2 The data shows that adults consistently made up the largest group of attendees across all sites and dates. On the 26<sup>th</sup> October, 2024, the highest number of observations were recorded in a single day, with 1,206 users counted. This peak occurred at the replacement site used for surveys on October 25th and 26th. The significant increase in observed footfall is likely attributed to the positioning of surveyors on the eastern side of the bridge. This location resulted in observation of users traveling north, east and south after crossing the bridge.

A.4.3 Plate A.23 shows the age breakdown of users across the seven sites where the observational tallies were conducted.

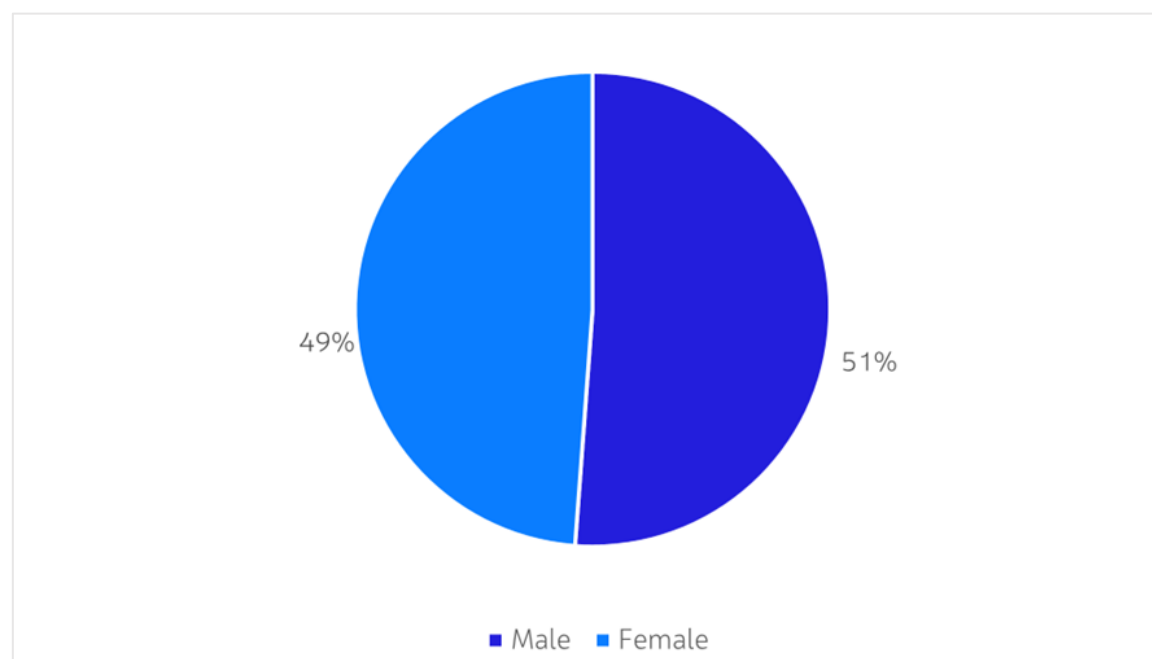
### Plate A.23 Users age by site



A.4.4 Across all sites, the majority of users are adults (85% or more), with small proportion of users being teenagers and children.

A.4.5 Plate A.24 shows the gender breakdown of users across all sites where the observational tallies were conducted.

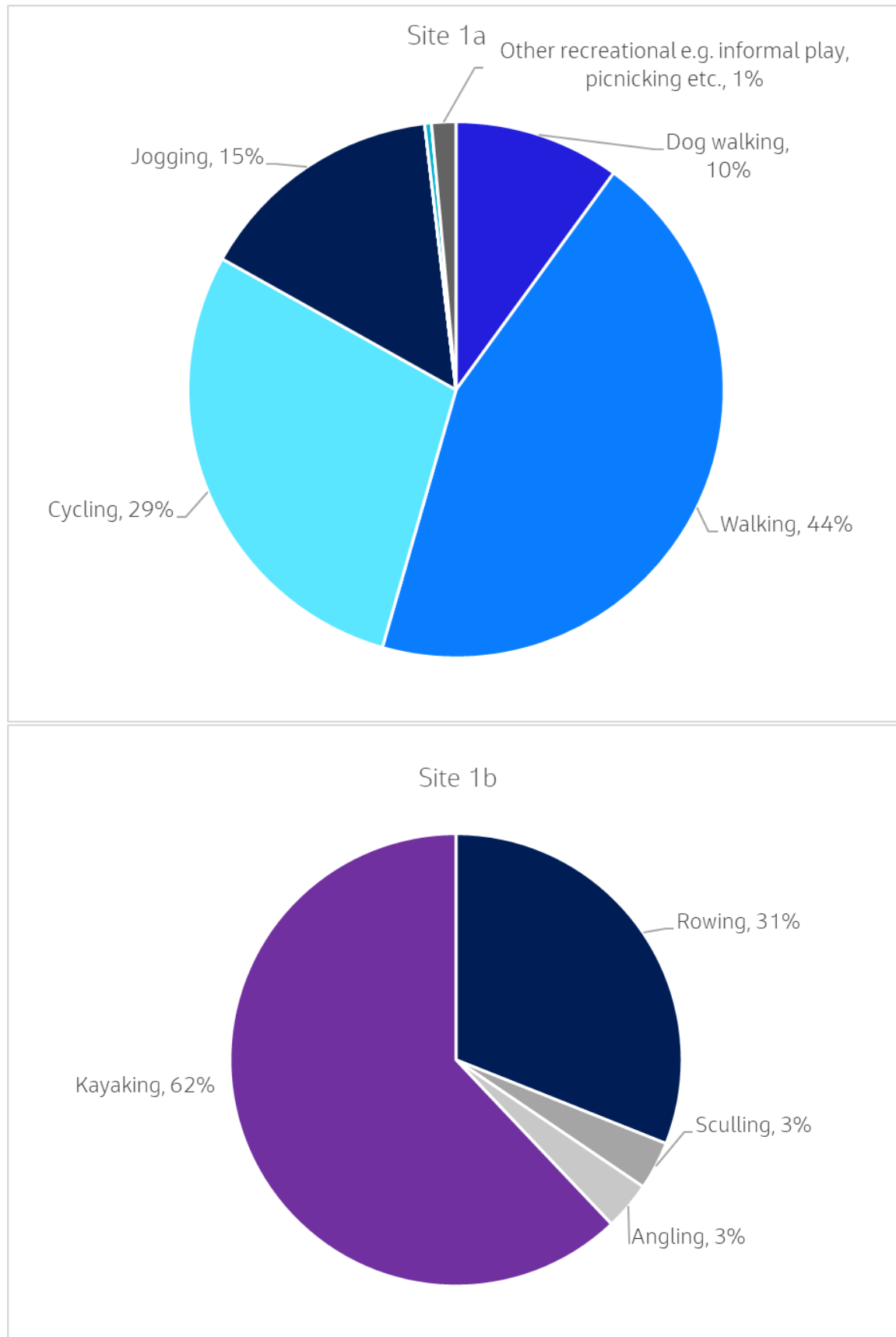
### Plate A.24 Breakdown of users by gender (Observational Tally)



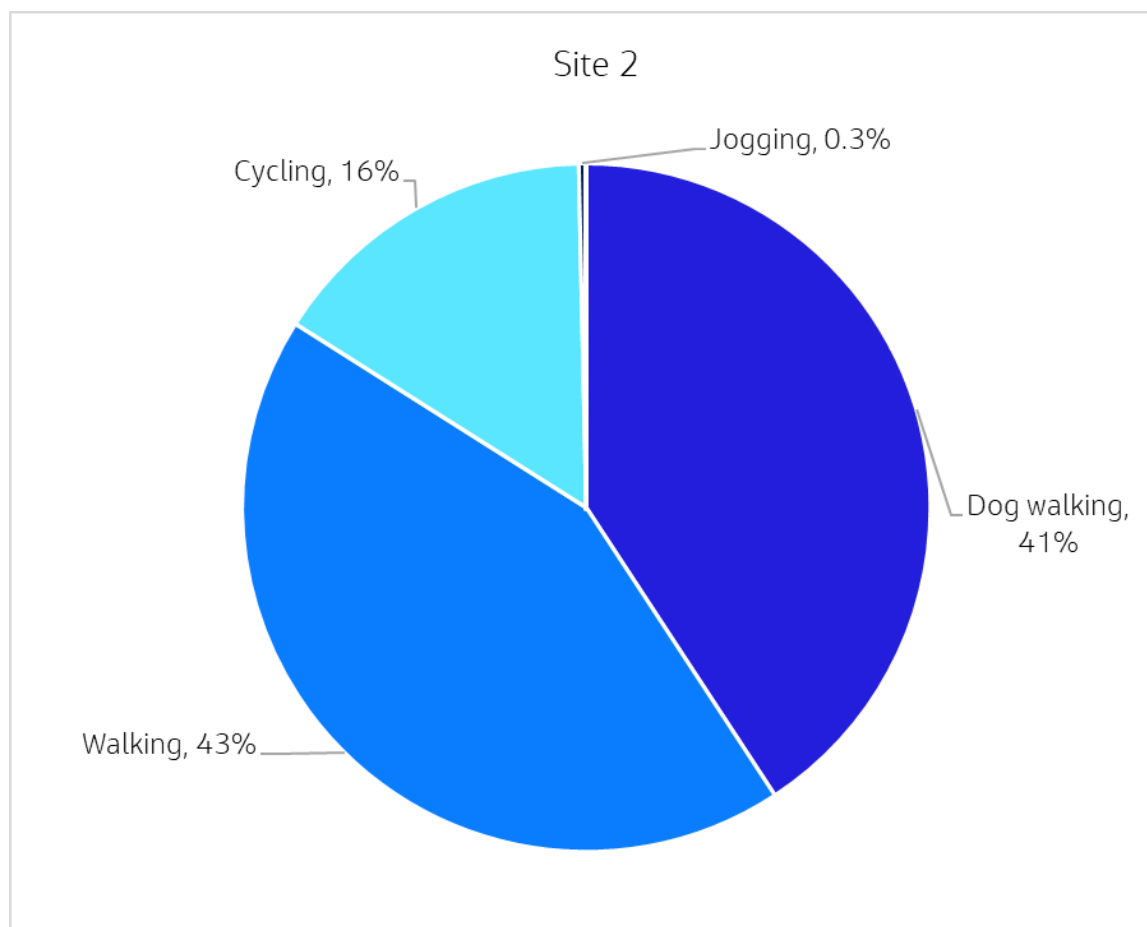
A.4.6 The data shows 51% of users were identified as male, representing the larger demographic, and 49% of users were identified as female.

A.4.7 Plate A.25 shows the recreation activities the users of Sites 1a (Burnell Avenue River Path) and 1b (Thames River users upstream of Teddington lock) engaged in as derived from observations.

Plate A.25 Recreational use of Site 1a (Burnell Avenue River Path) and 1b (Thames River users upstream of Teddington lock)

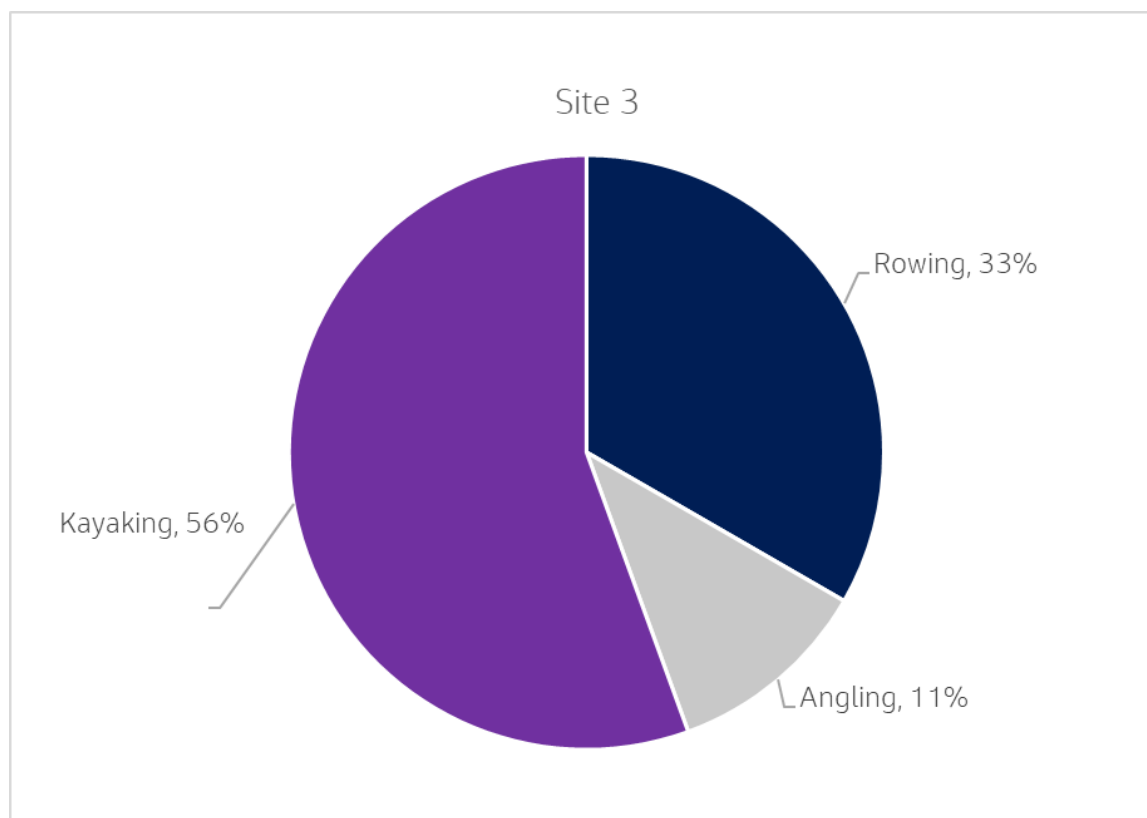


#### Plate A.26 Recreational use of Site 2 (Burnell Avenue Play Space)



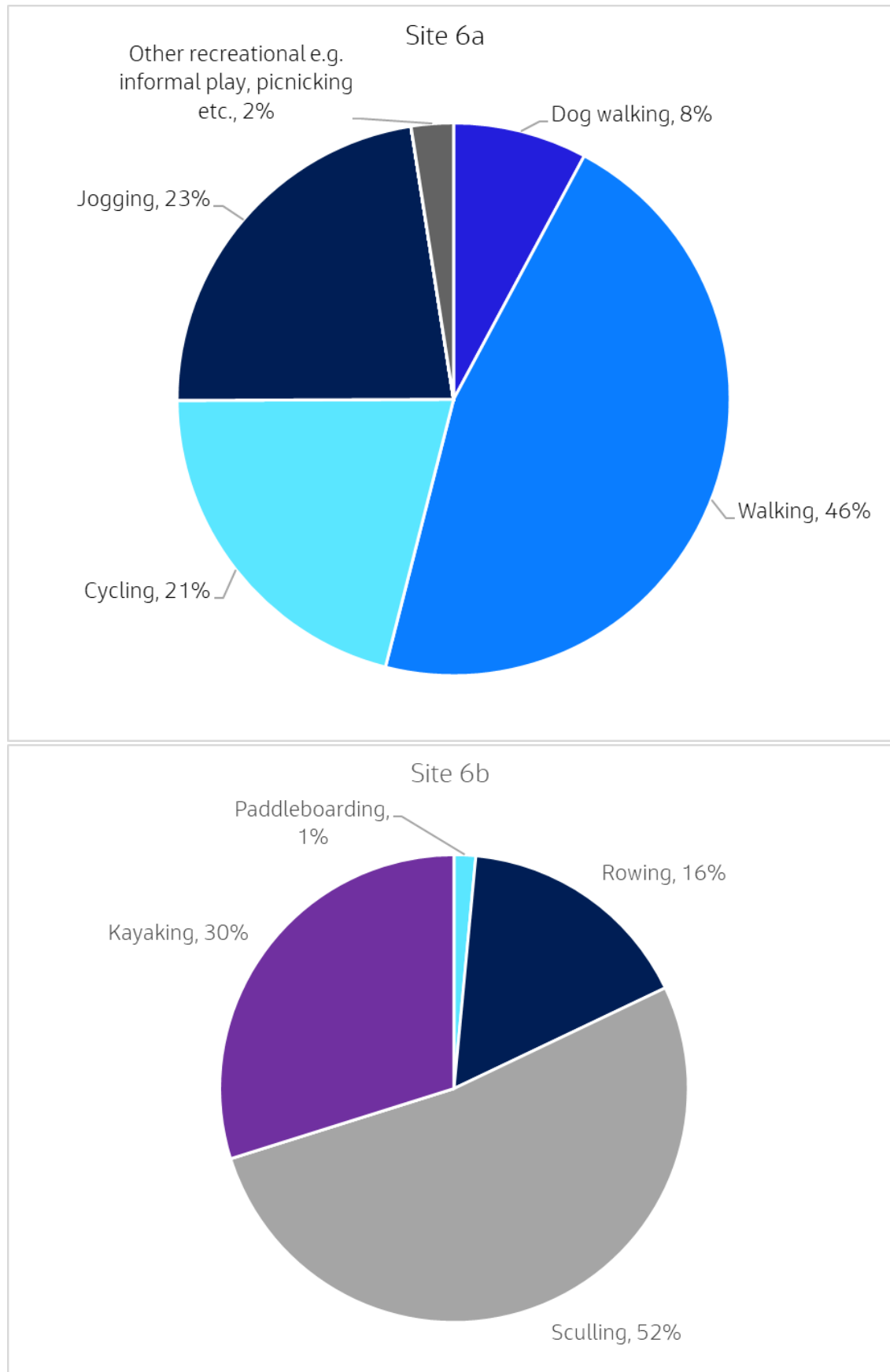
- A.4.8 Sites 1a (Burnell Avenue River Path) 2 (Burnell Avenue Place Space) shared a similar profile, with the most common recreation being walking, dog walking and cycling. Surveyors at Site 1b observed use of the river and observed that users engaged in kayaking and rowing predominately. Jogging was more prominent at Site 1a (Burnell Avenue River Path).
- A.4.9 Plate A.27 shows the recreation activities the users of Site 3 (Teddington Lock) engaged in as derived from observational surveys.

#### Plate A.27 Recreational use of Site 3 (Teddington Lock)



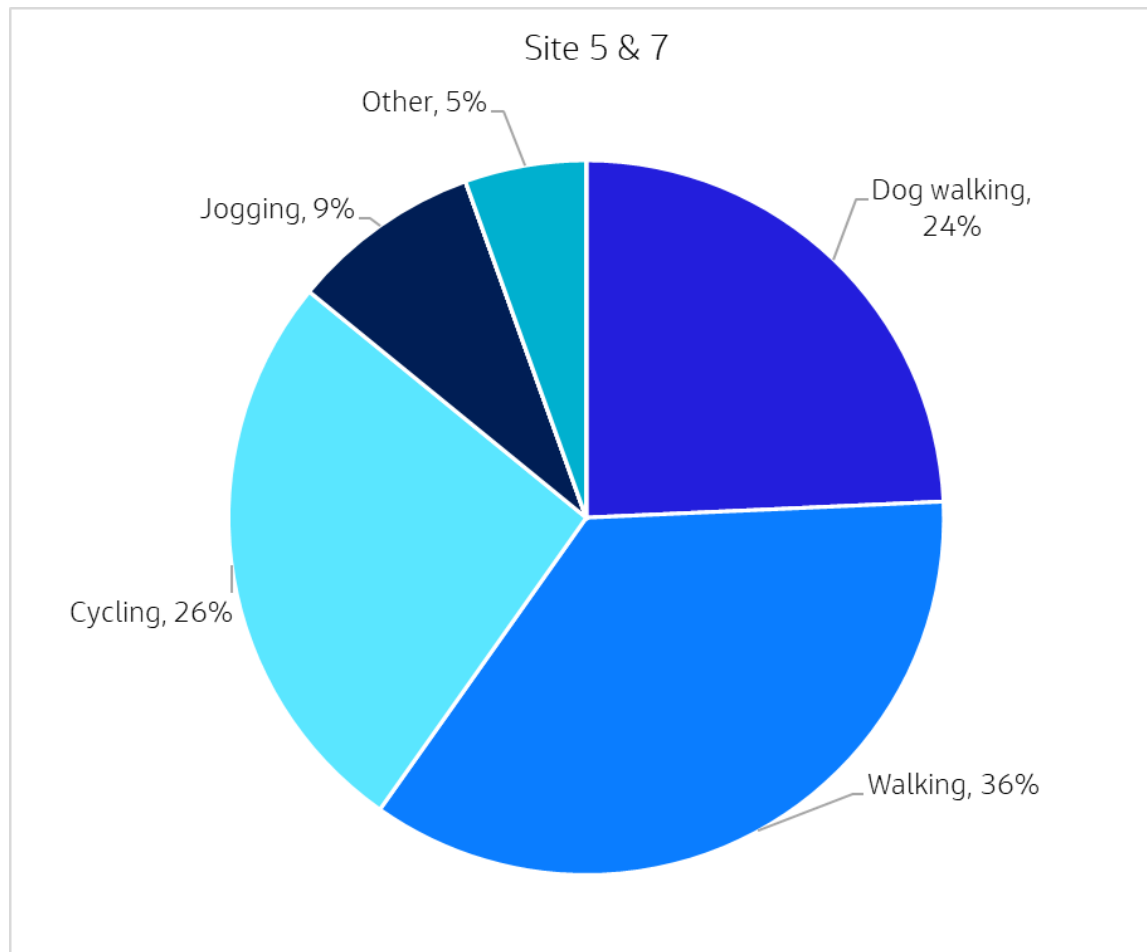
A.4.10 At Site 3 (Teddington Lock) over half (56%) of users participated in kayaking, 33% of the users participated in rowing and 11% were observed angling.

Plate A.28 Recreational use of Sites 6a (Ham Street River Path) and 6b (Users of the River Thames at Ham Street)



A.4.11 Plate A.29 shows the recreation activities observed across Sites 5 and 7 (5 - Ham Street/Riverside Drive Intersection 7 - Ham Playing Fields).

Plate A.29 Recreational use of Sites 5 and 7 (5 - Ham Street/Riverside Drive Intersection 7 - Ham Playing Fields)



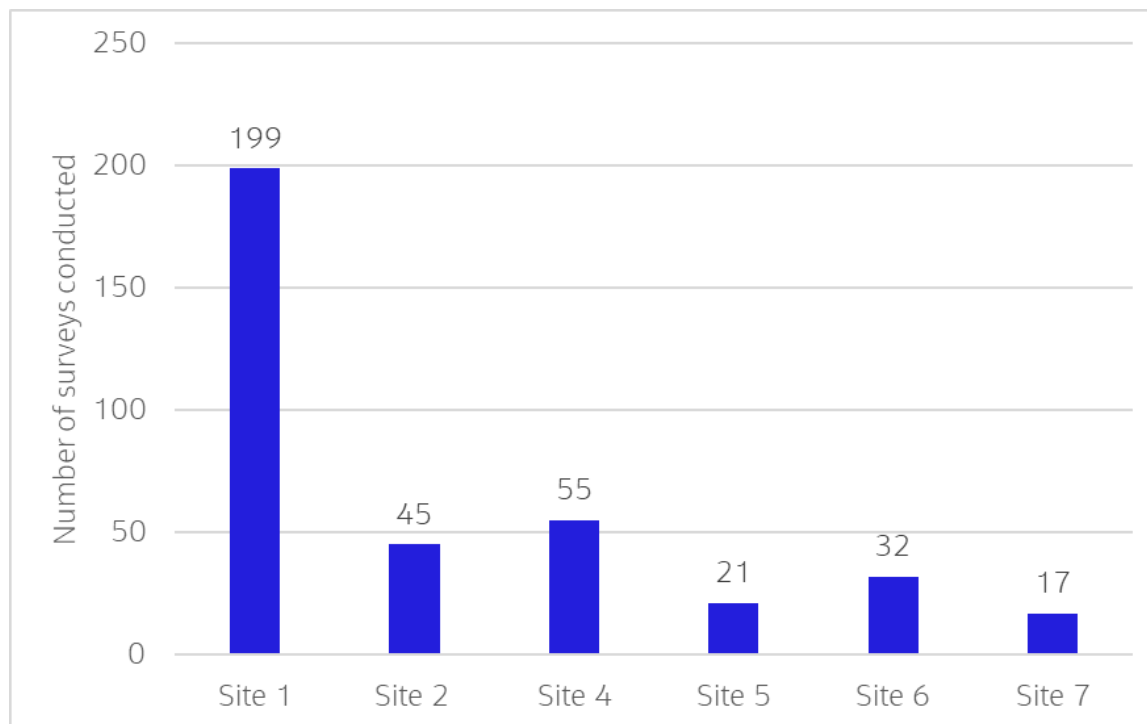
A.4.12 Across all sites, the majority of users were using the space for walking, cycling, dog walking and jogging. In addition to these activities, Site 6b (Users of the River Thames at Ham Street) had users participating in water-related activities such as sculling, rowing and kayaking.

## Public Survey Data

A.4.13 This section provides a summary of the results of the autumn public surveys for all land based sites (i.e. those not involving users of the River Thames). For the surveys conducted on October 25th and 26th, our surveyors were positioned at an alternative site, as illustrated in Plate A.2.

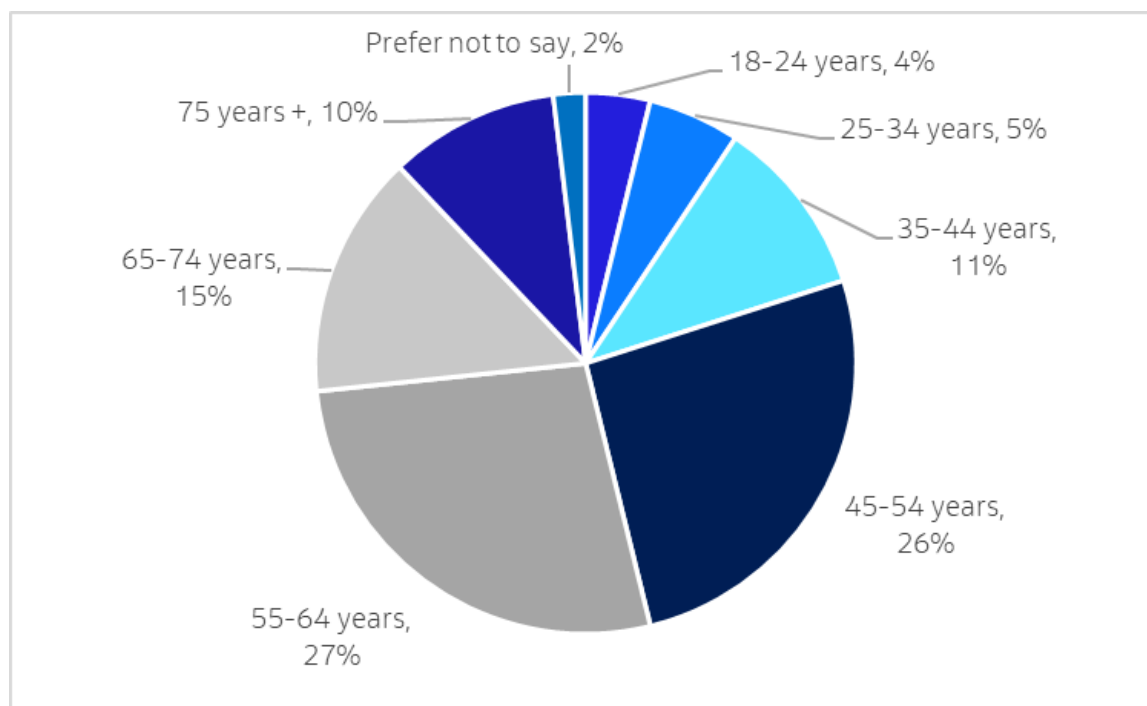
A.4.14 Although the surveyors were stationed further north along the Thames River Path than the original site location, the data collected is considered to be representative of the overall usage patterns of the Thames River Path. Specifically, we believe this data reflects the utilisation of the River Path in the vicinity of Burnell Avenue.

Plate A.30 Total surveys conducted by site by date



- A.4.15 Plate A.30 shows that in total 369 surveys were conducted during the autumn surveys with the majority (199) of these undertaken at Site 1a (Burnell Avenue River Path).
- A.4.16 In total 38 surveys were conducted across Sites 5 and 7 (5 - Ham Street/Riverside Drive Intersection; 7 - Ham Playing Fields). The number of surveys conducted for Site 6 (Ham Street River Path) was 32 and for Site 2 (Burnell Avenue Play Space) was 45.
- A.4.17 Plate A.31 shows the age of participants across all survey sites.

### Plate A.31 Breakdown of surveys conducted by age



A.4.18 Of those surveyed who disclosed their age, the largest proportion of participants were aged 45-54 years, 55-64 years, and 65-74 years. The 18-24 years, 25-34 years, 35-44 years and 75+ years old age groups were the least represented age groups surveyed.

A.4.19 Table A.5 shows the distribution of age across the survey sites.

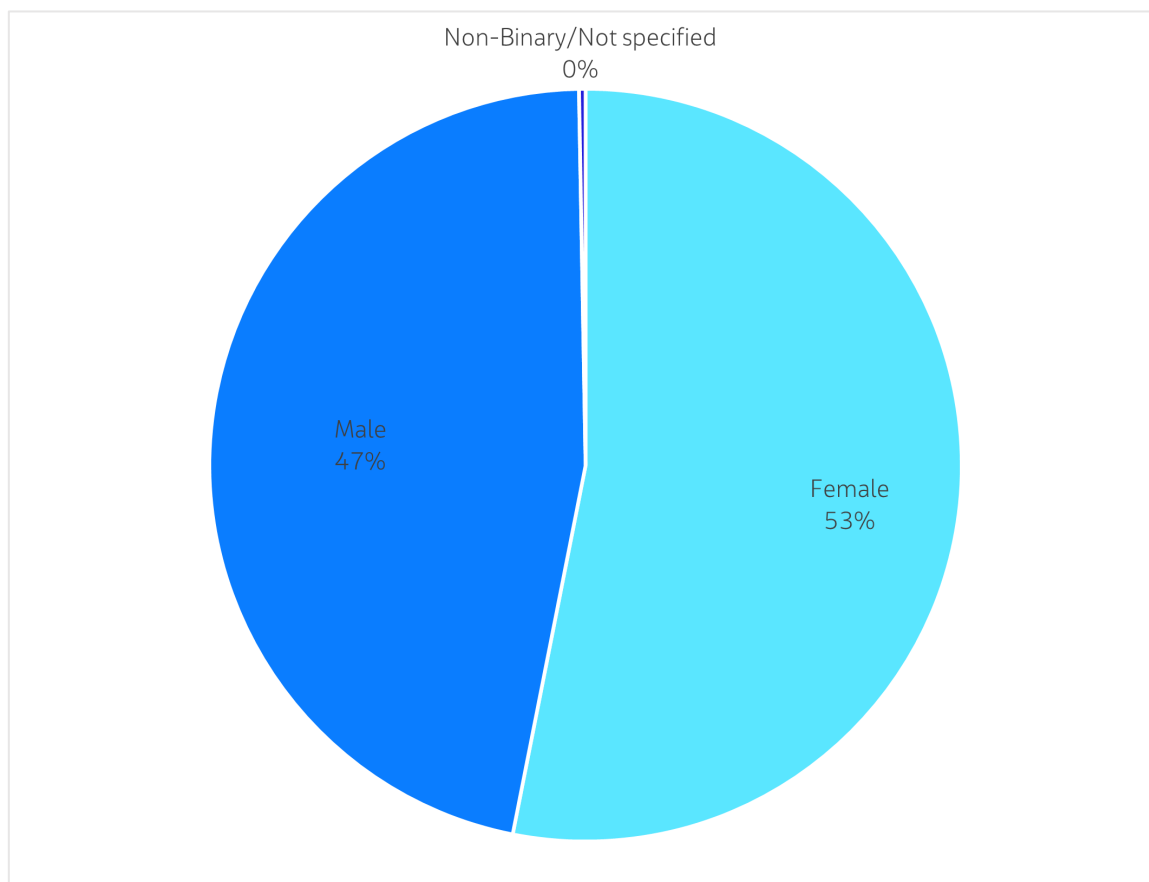
Table A.5 Distribution of users by age across surveys sites by date

Site	Date	18-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65-74 years	75 years +	Prefer not to say	Total
08/11	Site 1	0	0	9	12	13	11	7	0	52
09/11	Site 1	0	5	4	8	8	3	1	0	29
26/10	Site 1	0	2	4	7	16	7	5	3	44
25/10	Site 1	2	3	6	20	22	12	5	2	72
08/11	Site 2	5	1	1	3	4	1	4	0	19
09/11	Site 2	0	0	5	12	4	5	0	0	26
03/11	Site 4	3	2	3	6	11	1	9	0	35
04/11	Site 4	1	0	1	4	6	3	3	0	18
03/11	Site 5	0	2	0	2	2	1	0	0	7
04/11	Site 5	0	0	2	3	3	3	1	1	13
03/11	Site 6	0	3	1	3	1	1	0	0	9

Site	Date	18-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65-74 years	75 years +	Prefer not to say	Total
04/11	Site 6	3	0	2	6	6	4	2	0	23
03/11	Site 7	0	2	1	2	0	1	0	0	6
04/11	Site 7	0	0	0	7	3	0	0	1	11

A.4.20 Plate A.32 shows the gender breakdown of participants across all surveyed sites.

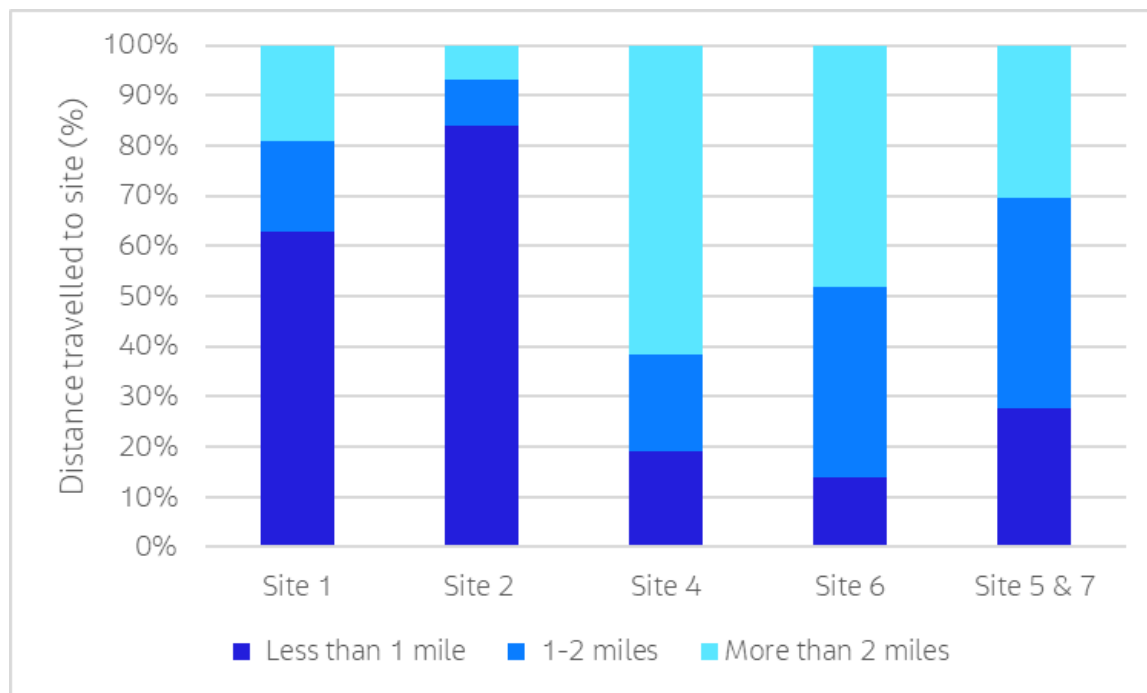
Plate A.32 Total surveys conducted by gender



A.4.21 There was a fairly even split between male and female participants, with a slightly larger proportion of female participants. A small number (1) of participants identified as non-binary / not specified.

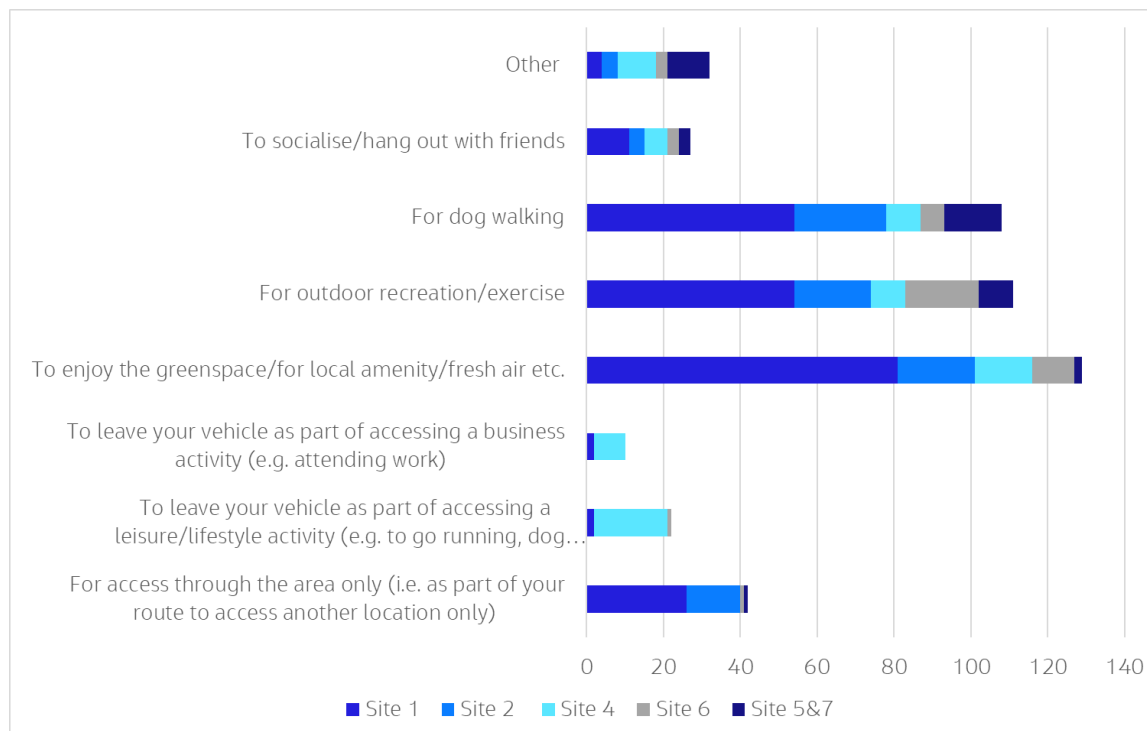
A.4.22 Plate A.33 shows the distance participants travelled to use the surveyed sites.

### Plate A.33 Distance travelled to site



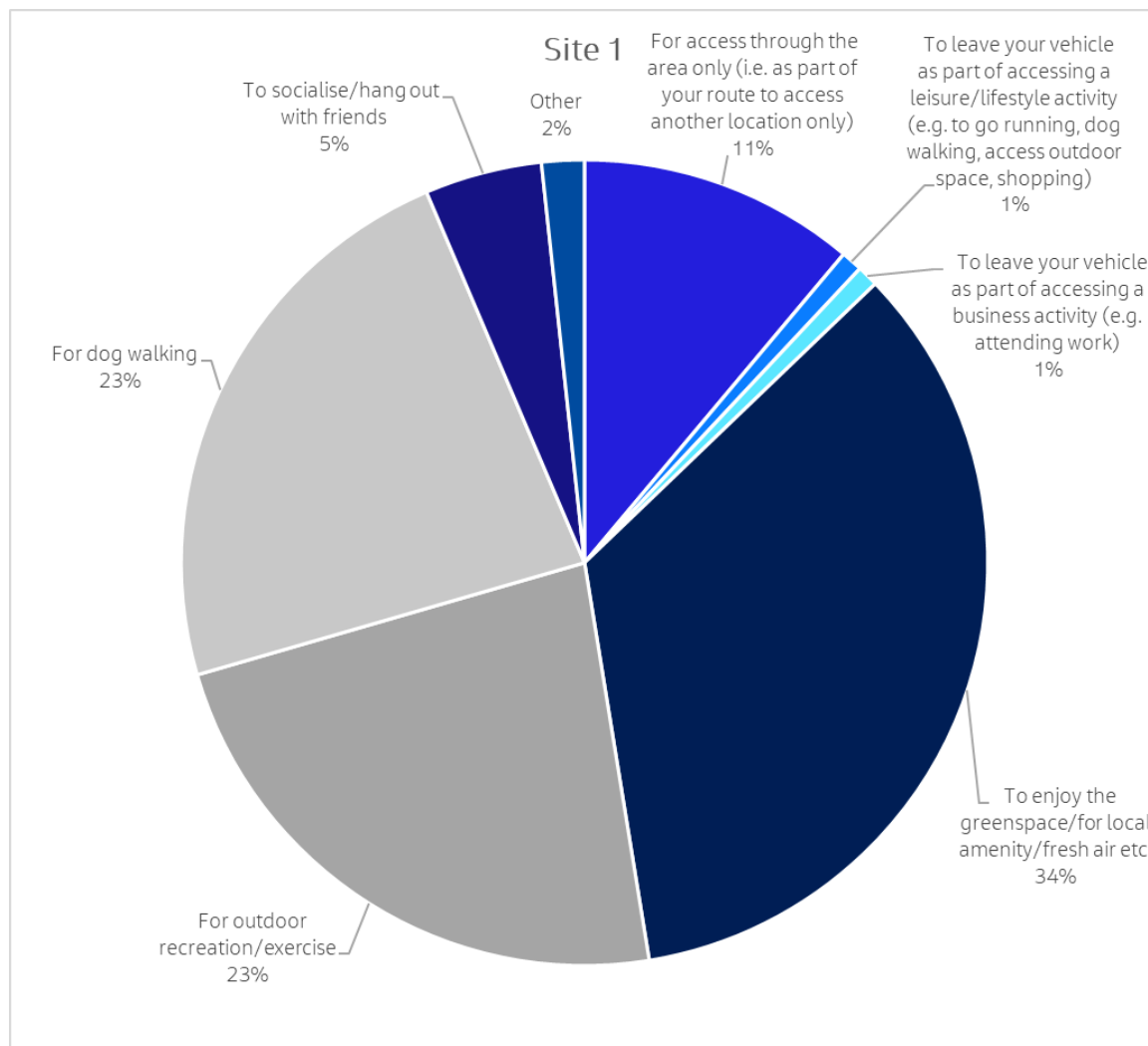
- A.4.23 Sites 5 and 7 (5 - Ham Street/Riverside Drive Intersection; 7 - Ham Playing Fields) and Site 6 (Ham Street River Path) exhibit a similar pattern with a large number of participants travelling one to two miles to use the site (42% and 38% respectively).
- A.4.24 A majority of participants travelled more than one mile (62%) for Site 4 (Ham Street Car Park).
- A.4.25 Site 2 (Burnell Avenue Play Space) and Site 1 (Burnell Avenue River Path) were the only sites where the majority of participants travelled less than one mile to reach the location (84% and 63%).
- A.4.26 Plate A.34 shows the purpose of visits for all sites.

### Plate A.34 Purpose of visit for all sites



- A.4.27 Plate A.34 shows that the largest number of participants (129) said that they use the sites to enjoy the green space/ for local amenity/fresh air. It should be noted that a majority of this number came from Site 1 (Burnell Avenue River Path).
- A.4.28 A large number of survey respondents also stated that they use the sites for dog walking (108) and outdoor recreation/exercise (111).
- A.4.29 Plate A.35 shows the reasons participants visited Site 1 (Burnell Avenue River Path).

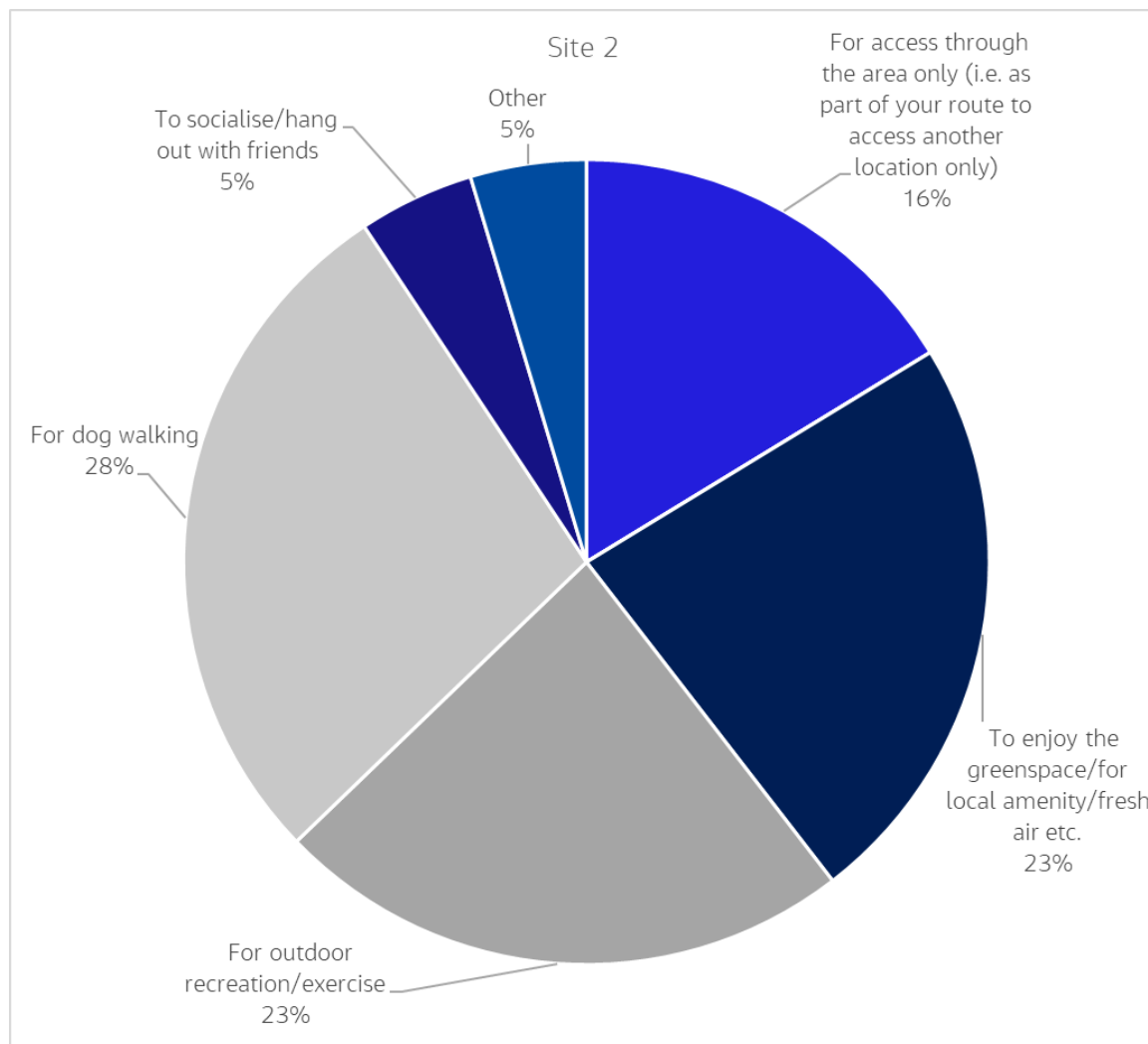
### Plate A.35 Purpose of visit to Site 1 (Burnell Avenue River Path)



A.4.30 The majority of participants visited Site 1 (Burnell Avenue River Path) to enjoy the greenspace, for outdoor recreation/exercise and for dog walking. A small proportion were using the site to hang out with friends or as access to another location.

A.4.31 Plate A.36 shows the reasons participants visited Site 2 (Burnell Avenue Play Space).

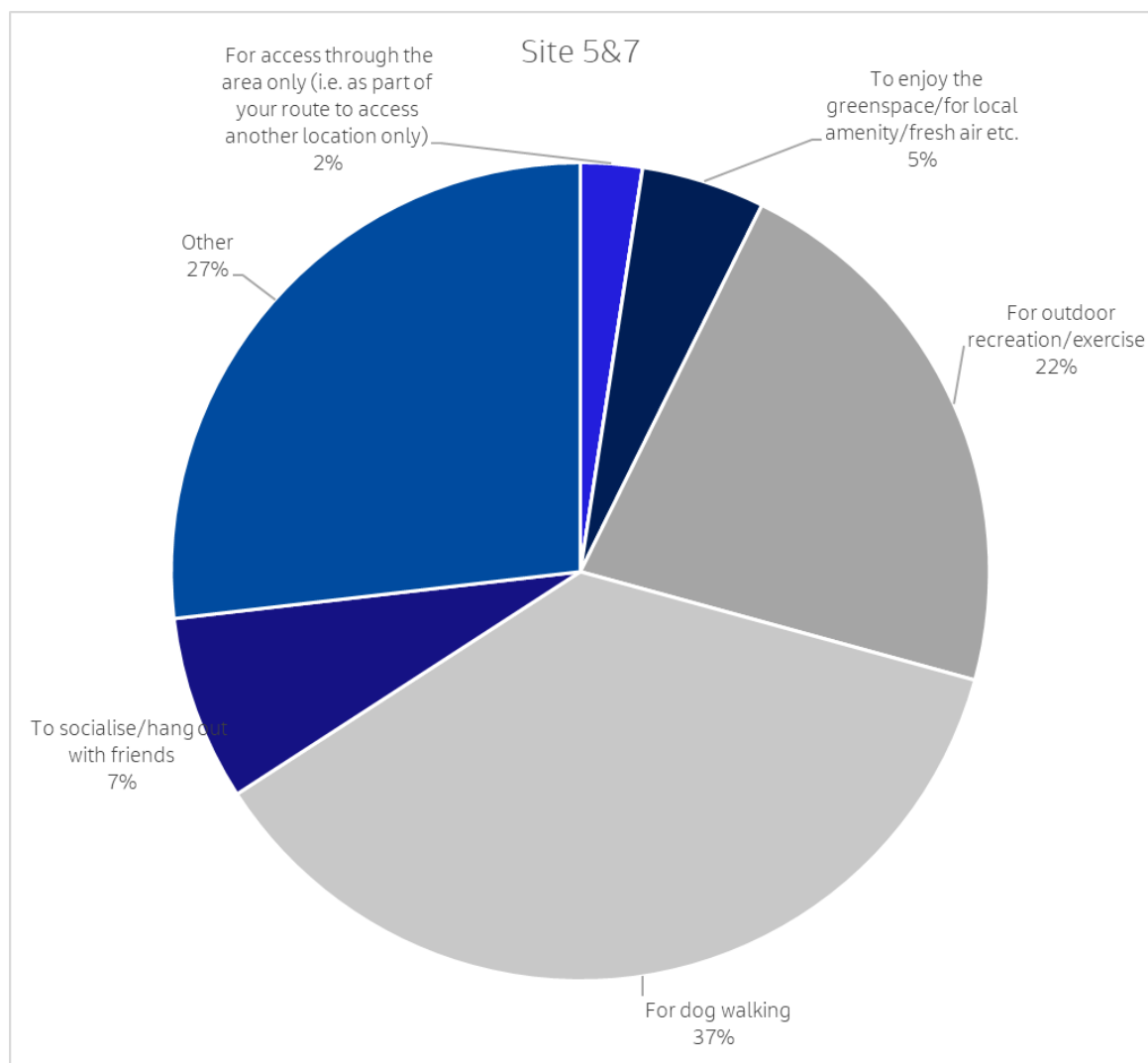
### Plate A.36 Purpose of visit to Site 2 (Burnell Avenue Play Space)



A.4.32 The most common purpose of visit to Site 2 was for dog walking (28%). Participants also used the space for outdoor recreation/exercise; to enjoy the greenspace; as a route of access to another location; and to socialise.

A.4.33 Plate A.37 shows the reasons participants visited Sites 5 and 7 (5 - Ham Street/Riverside Drive Intersection; 7 - Ham Playing Fields).

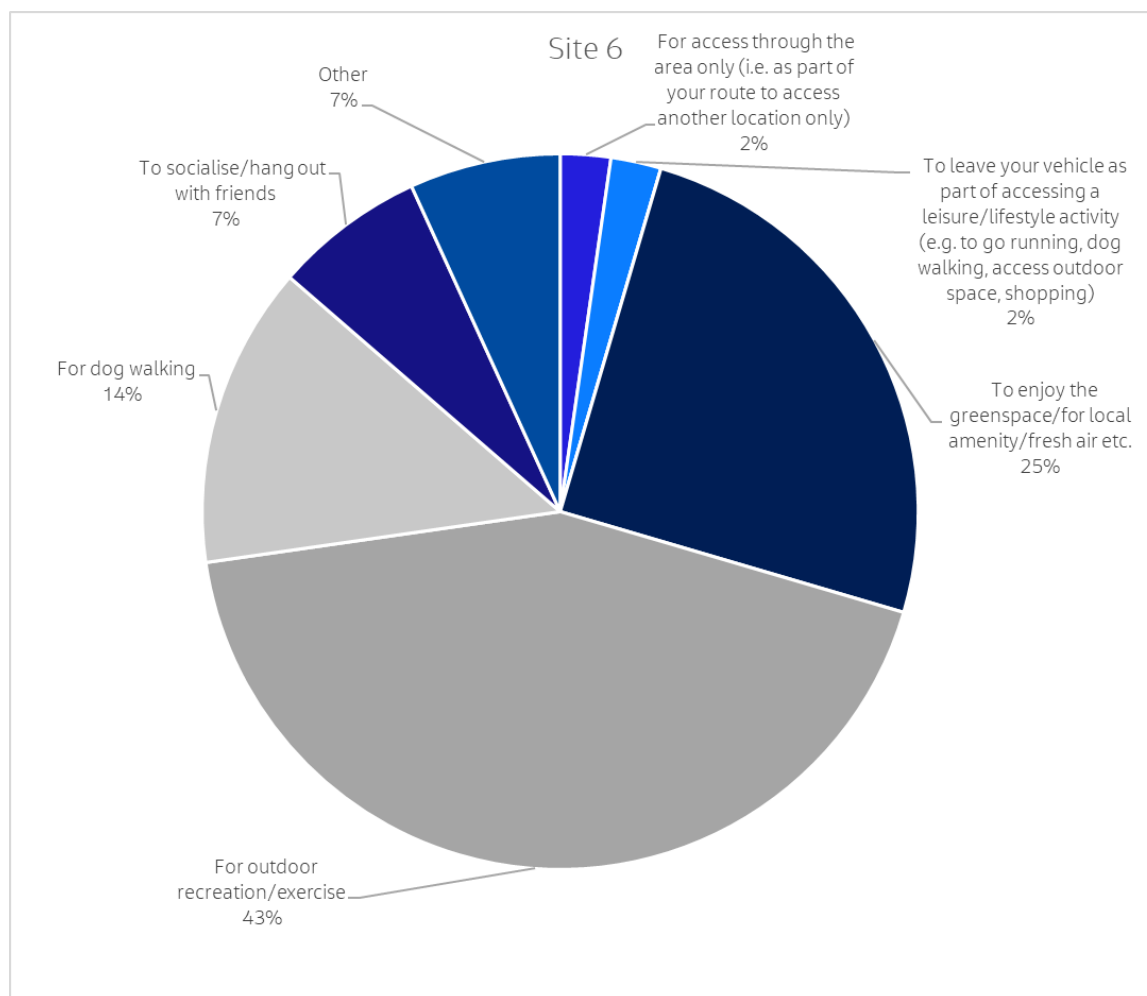
### Plate A.37 Purpose of visit to Sites 5 and 7 (5 - Ham Street/Riverside Drive Intersection 7 - Ham Playing Fields)



A.4.34 The most common purpose of visit to Sites 5 & 7 was for dog walking (37%). A large proportion of participants also visited for outdoor recreation/exercise (22%). A smaller proportion of participants visited the site to socialise (7%) and to enjoy the greenspace (5%).

A.4.35 Plate A.38 shows the reasons participants visited Site 6 (Ham Street River Path).

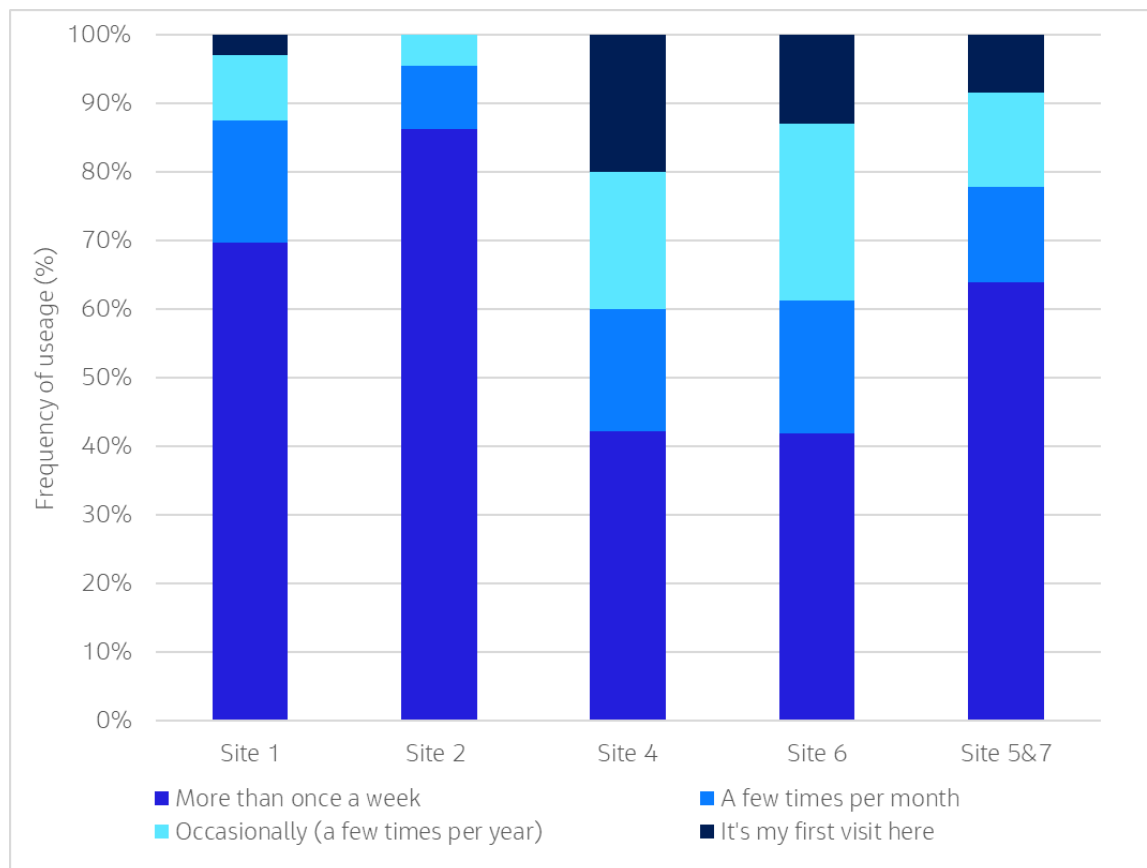
### Plate A.38 Purpose of visit to Site 6 (Ham Street River Path)



A.4.36 The most common purpose of visit to Site 6 was for outdoor recreation/exercise (43%). This was followed by enjoyment of greenspace/amenity/fresh air (25%) and dog walking (14%). Participants also used the site to socialise/hang out with friends (7%).

A.4.37 Plate A.39 shows how often participants visited the sites.

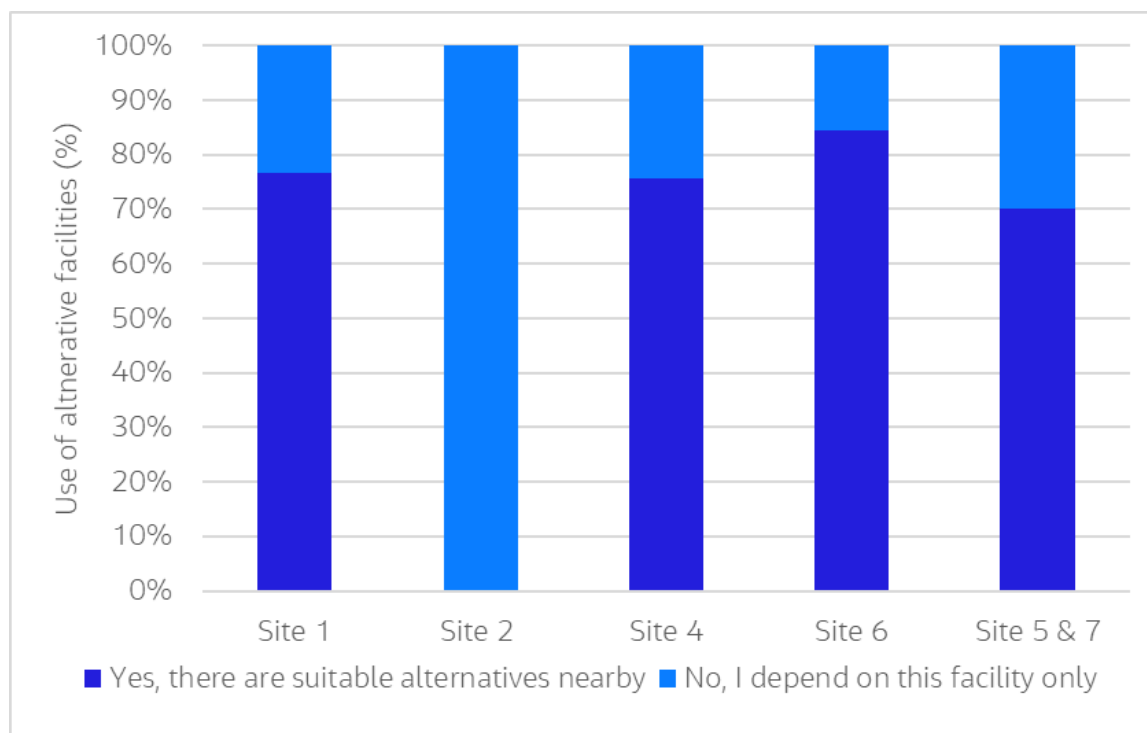
Plate A.39 Frequency of use by site



A.4.38 At Sites 1, 2, 5&7, the majority of participants visit more than once a week. Participants also visited Site 4 (Ham Street Car Park) an approximate even split between occasionally, first time and a few times a month. Only 3% of participants surveyed were visiting Site 1 (Burnell Avenue River Path) for the first time.

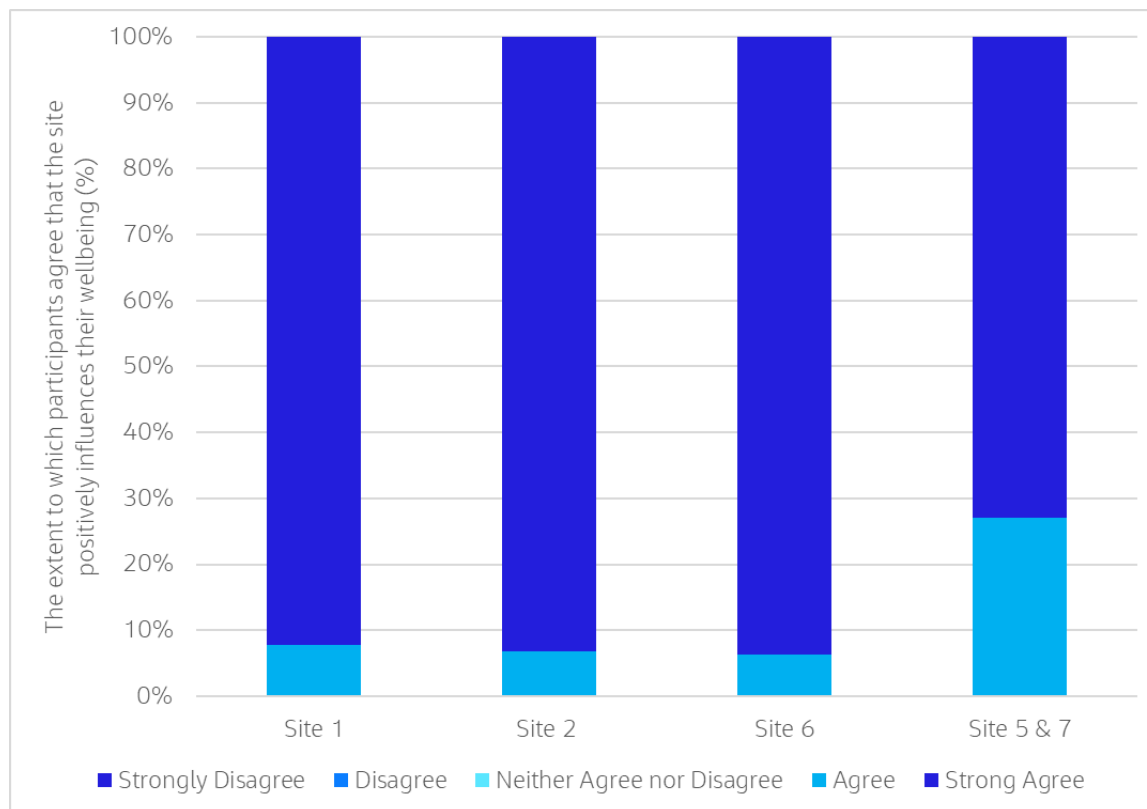
A.4.39 Plate A.40 shows participant dependence on the site as a facility.

Plate A.40 Availability of alternative space, by site



- A.4.40 The majority of participants across four of the sites felt there were suitable alternatives nearby. However, for Site 2 (Burnell Avenue Play Space) 100% of the participants said that they depend on this facility only.
- A.4.41 Plate A.41 shows participants feelings towards the extent the space is 'an important positive influence on their wellbeing'.

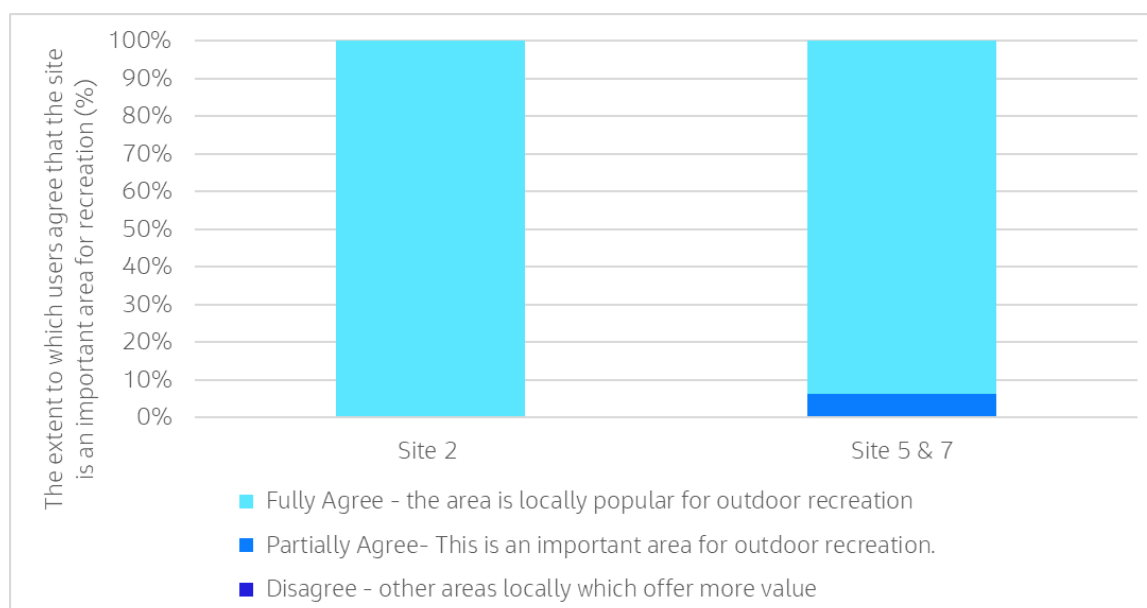
#### Plate A.41 Perceived impact of site on users wellbeing



A.4.42 Across all sites the majority of participants ‘strongly agreed’ the space positively influenced their wellbeing, with a smaller proportion just ‘agreeing’. Sites 5 and 7 (5 - Ham Street/Riverside Drive Intersection; 7 - Ham Playing Fields) out of all the sites had the highest percentage of participants just ‘agreeing’.

A.4.43 Plate A.42 shows the extent participants felt the site is an important site for recreation.

#### Plate A.42 Level of user agreement on the site’s importance as an area of recreation



- A.4.44 All users of Site 2 (Burnell Avenue Play Space) fully agreed with this statement. Whereas for Sites 5 and 7 (5 - Ham Street/Riverside Drive Intersection; 7 - Ham Playing Fields) there was one participant who 'Partially Agreed'.

## General Observations

- A.4.45 Sites were grouped into two distinct geographies, as shown in Plate A.2. Sites 1-3 around Burnell Avenue, and Sites 4-7 around Ham Street.
- A.4.46 Site 1 (Burnell Avenue Tow Path) and Site 2 (Burnell Avenue Play Space) continue to be busier than other sites. Surveyors noted an unwillingness from cyclists to stop and complete surveys. The survey team noted that use of the Thames River for recreational activities were significantly lower in autumn than summer, though there continued to be high number of users, mainly scullers.
- A.4.47 Surveyors noted that Site 3 (Teddington Lock) was much quieter in autumn than summer which can likely be attributed to the cooler temperatures associated with the season. Prior to surveys at Site 3 (Teddington Lock), London and the wider Thames catchment was subject to a number of days of heavy rainfall. Such rainfall events contributed to large volumes of water flowing over Teddington Lock, with an increased current on the river likely reducing the number of water users in the vicinity especially kayaks and stand-up paddle boarders.
- A.4.48 The survey team noted that Site 4 (Ham Street Car Park) was busy throughout scheduled surveys, with approximately 40 cars in the car park at once. Surveyors noted that a number of these users were parking to visit Ham House or use of the river path.
- A.4.49 Surveys completed 25/11/24 and 26/11/24 were undertaken upstream along the Thames River Path next to the Teddington Lock Footbridge West. This was due to temporary restrictions to land access.

## A.5 Assumptions and Limitations

- A.5.1 Within the summer 2024 survey data it was noticed that 11 surveys had no response in the 'do you agree to participate' field, however, the remainder of the survey was completed. In these cases, 'no response' has been listed in the response field and these surveys have been removed from the data set as not to be included within further analysis. This represents approximately 5% of surveys undertaken.
- A.5.2 Within the summer 2024 surveys, not all demographic data was captured. It remains uncertain as to whether this was a result of human error, or refusal to disclose demographic information from survey participant. Where demographic data has not been completed, data has been left blank. Responses within surveys where demographic data was not captured have been included within the data set and subsequent analysis.

- A.5.3 A review of the PRow survey and Open Space survey questions was undertaken at the end of the summer 2024 data entry, cleanse, and analysis process. This was to ensure that questions asked answered key questions underpinning the aims and objectives of the recreational surveys. PRow survey and Open Space survey were updated in advance of the autumn survey schedule.
- A.5.4 In the observational surveys, the demographic groups were noted as appropriate as possible, they were assumed by surveyors, based on their best judgment.
- A.5.5 Data was collected by surveyors at each site using printed sheets for observational data and questionnaires, where appropriate. Exploration into the digitisation of data collection was made, although the decision to continue with paper-based data collection was taken.
- A.6 Weather Precautions**
- A.6.1 The Lead Surveyor held responsibility for checking the weather conditions prior to proposed surveys taking place. Weather conditions were checked one week from the survey date, and again 24 hours before the survey date. The Lead Surveyor had authority to cancel surveys if the weather was deemed unsafe.
- A.6.2 Throughout the summer and autumn surveys, only surveys scheduled for Sunday 8th September (Sites 4, 5, 6 and 7) were cancelled due to yellow weather warning and heavy rain expected all day. Surveys at sites 4, 5, 6, and 7 restarted on Monday 9th September.
- A.7 Safety requirements**
- A.7.1 All surveyors were required to hold an in-date Thames Water Safety Passport prior to undertaking recreational survey work.

