# **Evaluation Report for XMAP Hub**

## **About the Evaluation**

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## **Executive Summary**

The website is built with good practice and accessibility in mind. Semantic HTML can be natively navigated by all modern browsers, via a keyboard only. Text descriptions are used generously and imagery, colour, shapes etc. have no bearing on information consumption. The GOV-UK design system has been used, greatly enhancing the overall ease of use and accessibility of the website.

## **Scope of the Evaluation**

Website name: XMAP Hub

Scope of the website: A resource to provide areas with local public information such as council services, facilities etc.

WCAG Version: 2.1

Conformance target: AA

Accessibility support baseline: The website aims to support all modern browsers and operating systems, including those compatible implementing assistive technologies.

Additional evaluation requirements: Not provided

## **Detailed Audit Results**

### **Summary**

Reported on 50 of 50 WCAG 2.1 AA Success Criteria.

* 35 Passed
* 0 Failed
* 0 Cannot tell
* 15 Not present
* 0 Not checked

### **All Results**

#### **1 Perceivable**

##### **1.1 Text Alternatives**

|  |  |  |
| --- | --- | --- |
| **Success Criterion** | **Result** | **Observations** |
| **1.1.1: Non-text Content** | Result: Passed | Observations:  The website uses minimal non-text content. Existing non-text content has suitable alt tags. Buttons are clearly labeled. |

##### **1.2 Time-based Media**

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| --- | --- | --- |
| **Success Criterion** | **Result** | **Observations** |
| **1.2.1: Audio-only and Video-only (Prerecorded)** | Result: Not present |  |
| **1.2.2: Captions (Prerecorded)** | Result: Not present |  |
| **1.2.3: Audio Description or Media Alternative (Prerecorded)** | Result: Not present |  |
| **1.2.4: Captions (Live)** | Result: Not present |  |
| **1.2.5: Audio Description (Prerecorded)** | Result: Not present |  |

##### **1.3 Adaptable**

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| --- | --- | --- |
| **Success Criterion** | **Result** | **Observations** |
| **1.3.1: Info and Relationships** | Result: Passed | Observations:  Semantic markup and logical structure is used throughout the site. Clearly labelled buttons take users to logically grouped information. |
| **1.3.2: Meaningful Sequence** | Result: Passed | Observations:  Data and information is presented in a linear fashion with matching sequences. |
| **1.3.3: Sensory Characteristics** | Result: Passed | Observations:  With the exclusion of linked external interactive maps which use colour to indicate boundaries and other data, successful use of the website does not rely on visual aspects of particular elements. |
| **1.3.4: Orientation** | Result: Passed |  |
| **1.3.5: Identify Input Purpose** | Result: Not present |  |

##### **1.4 Distinguishable**

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| --- | --- | --- |
| **Success Criterion** | **Result** | **Observations** |
| **1.4.1: Use of Color** | Result: Passed |  |
| **1.4.2: Audio Control** | Result: Not present |  |
| **1.4.3: Contrast (Minimum)** | Result: Passed | Observations:  Most elements arrcoss the website achieve a WCAG AAA contrast score. The remaining elements achieve a AA score. |
| **1.4.4: Resize text** | Result: Passed |  |
| **1.4.5: Images of Text** | Result: Passed | Observations:  Images are not used to convey information accross the website. |
| **1.4.10: Reflow** | Result: Passed | Observations:  Website functionality persists at screens even below 200px wide. No horizontal scrolling is present. |
| **1.4.11: Non-text Contrast** | Result: Passed | Observations:  The lowest contrast interactive element found was an anchor tag against a white background, with a contrast ratio of 5.22:1 (AA). |
| **1.4.12: Text Spacing** | Result: Passed | Observations:  Functionality remains the same at the specified style parameters. |
| **1.4.13: Content on Hover or Focus** | Result: Passed |  |

#### **2 Operable**

##### **2.1 Keyboard Accessible**

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| **Success Criterion** | **Result** | **Observations** |
| **2.1.1: Keyboard** | Result: Passed | Observations:  The website is fully navigable with a keyboard, with specific hover states in place for keyboard selection. |
| **2.1.2: No Keyboard Trap** | Result: Passed |  |
| **2.1.4: Character Key Shortcuts** | Result: Not present |  |

##### **2.2 Enough Time**

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| **Success Criterion** | **Result** | **Observations** |
| **2.2.1: Timing Adjustable** | Result: Not present |  |
| **2.2.2: Pause, Stop, Hide** | Result: Not present |  |

##### **2.3 Seizures and Physical Reactions**

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| **Success Criterion** | **Result** | **Observations** |
| **2.3.1: Three Flashes or Below Threshold** | Result: Not present |  |

##### **2.4 Navigable**

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| **Success Criterion** | **Result** | **Observations** |
| **2.4.1: Bypass Blocks** | Result: Passed | Observations:  A hidden 'skip to main content' link skips users past the header content of a page. |
| **2.4.2: Page Titled** | Result: Passed | Observations:  Headings and sub-headings are used on each page. |
| **2.4.3: Focus Order** | Result: Passed |  |
| **2.4.4: Link Purpose (In Context)** | Result: Passed | Observations:  Links to other pages are labeled clearly. Download links include the word 'download' in the anchor text. |
| **2.4.5: Multiple Ways** | Result: Passed | Observations:  Multiple links exist to pages in three main areas; a dedicated menu, a 'quick links' area, and within the main content, where appropriate. |
| **2.4.6: Headings and Labels** | Result: Passed | Observations:  Headings, tips, labels and sub-headings describe areas in detail throughout the website. |
| **2.4.7: Focus Visible** | Result: Passed | Observations:  A high-contrast focus indicator is used for keyboard focus. |

##### **2.5 Input Modalities**

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| **Success Criterion** | **Result** | **Observations** |
| **2.5.1: Pointer Gestures** | Result: Not present |  |
| **2.5.2: Pointer Cancellation** | Result: Passed |  |
| **2.5.3: Label in Name** | Result: Not present |  |
| **2.5.4: Motion Actuation** | Result: Not present |  |

#### **3 Understandable**

##### **3.1 Readable**

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| **Success Criterion** | **Result** | **Observations** |
| **3.1.1: Language of Page** | Result: Passed | Observations:  Language is included in each page header. |
| **3.1.2: Language of Parts** | Result: Passed | Observations:  Random text from each page has been tested, and online tooling correctly detects it as English. |

##### **3.2 Predictable**

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| **Success Criterion** | **Result** | **Observations** |
| **3.2.1: On Focus** | Result: Passed | Observations:  Pages remain static when elements transition to focus states. |
| **3.2.2: On Input** | Result: Passed |  |
| **3.2.3: Consistent Navigation** | Result: Passed | Observations:  Navigational content is consistent throughout the website. |
| **3.2.4: Consistent Identification** | Result: Passed | Observations:  Components are re-used to ensure consistency. |

##### **3.3 Input Assistance**

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| **Success Criterion** | **Result** | **Observations** |
| **3.3.1: Error Identification** | Result: Passed | Observations:  Descriptive messaging is provided for input errors. |
| **3.3.2: Labels or Instructions** | Result: Passed | Observations:  Instructions and examples are used for all inputs. |
| **3.3.3: Error Suggestion** | Result: Passed | Observations:  See 3.3.1 |
| **3.3.4: Error Prevention (Legal, Financial, Data)** | Result: Not present |  |

#### **4 Robust**

##### **4.1 Compatible**

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| **Success Criterion** | **Result** | **Observations** |
| **4.1.1: Parsing** | Result: Passed |  |
| **4.1.2: Name, Role, Value** | Result: Passed |  |
| **4.1.3: Status Messages** | Result: Passed |  |

## **Sample of Audited Web Pages**

1. Homepage - <https://surreyheath.hub.xmap.cloud/>
2. Hub page - <https://surreyheath.hub.xmap.cloud/hub/10002671269>
3. Data page - <https://surreyheath.hub.xmap.cloud/opendata>

## **Web Technology**

HTML,CSS,WAI-ARIA,JavaScript,SVG,PDF,Maps