

co.hunterdon.nj.us - CivicPlus

Source Feedback Report

co.hunterdon.nj.us

August 10, 2026

IM-355176 - co.hunterdon.nj.us - CivicPlus (Audit & Remediation - 12/31/27)

A Source Feedback Report is a document through which AudioEye identifies issues that typically cannot be directly remediated through AudioEye's technology, will require a visual change, or are identified in 3rd-party iframe content during the Audit and Fix process. The Source Feedback Report includes example URLs pinpointing where the issues occur, technical details, and fix guidance. Clients are strongly encouraged to leverage the Source Feedback Report to implement fixes at the source level, ensuring a more comprehensive and lasting accessibility solution. For additional guidance on addressing these issues at the source, please explore the linked [W3C](#) resources.

1. Combobox with Listbox Popup Missing the aria-controls attribute (WCAG 4.1.2, Level A) — Barrier 3

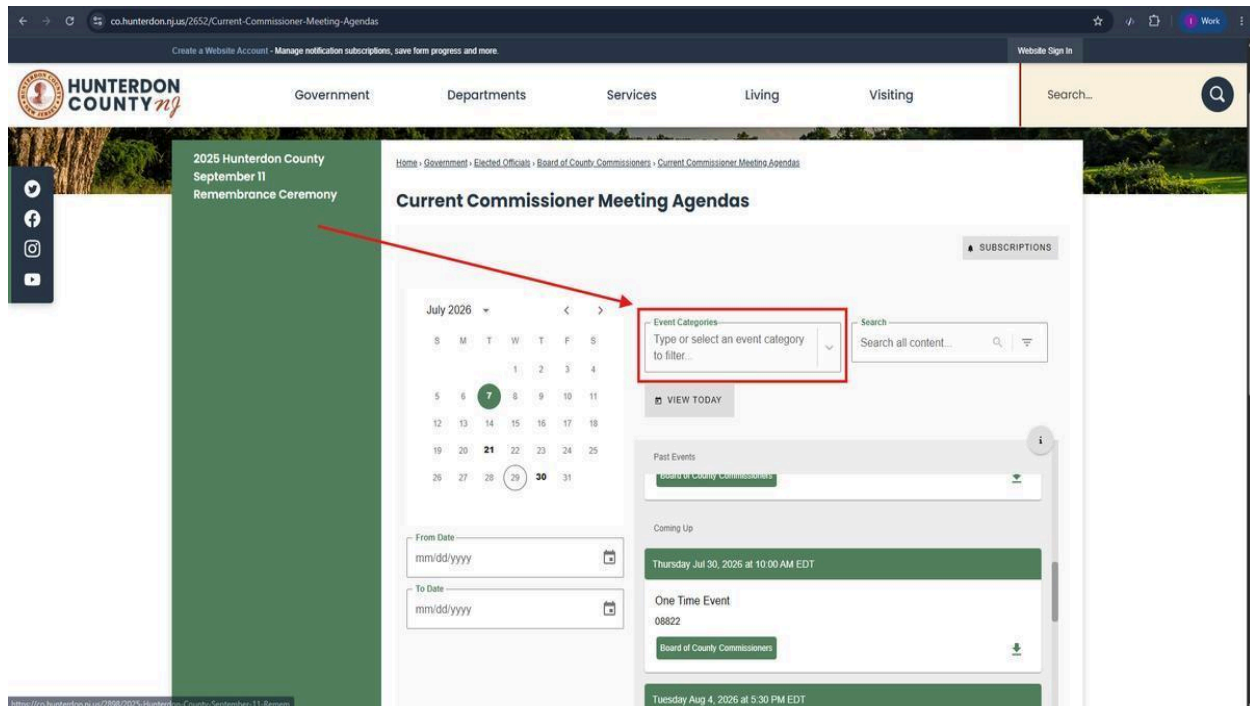
Issue URL: <https://co.hunterdon.nj.us/2652/Current-Commissioner-Meeting-Agendas>

Issue Description: The Event categories combobox on the page does not maintain the required aria-controls attribute at all times. The attribute is dynamically removed when the combobox is collapsed and only added when it is expanded, preventing assistive technologies from understanding the relationship between the combobox and its pop-up listbox.

Technical Details:

- The WAI-ARIA combobox pattern requires that aria-controls persistently reference the popup element regardless of the combobox's expanded or collapsed state. When the attribute is dynamically removed, screen readers cannot identify what element the combobox controls, breaking the programmatic relationship between the input and its associated listbox. This makes it difficult for assistive technology users to understand the component's structure and expected behavior.

Issue Location: The Event categories combobox is located in the main content, below the "Current Commissioner Meeting Agendas" heading.



Severity: Barrier 3

How to Fix:

1. Ensure the aria-controls attribute is present on the combobox element at all times — both when the popup is expanded and when it is collapsed.
2. The value of aria-controls should reference the id of the associated listbox popup element.
3. Ensure the referenced listbox element exists in the DOM at all times (even if hidden) so the aria-controls reference remains valid.
4. Update only aria-expanded to reflect the open/closed state — do not add or remove aria-controls dynamically.

Resources for Further Learning:

- <https://www.w3.org/WAI/ARIA/apg/patterns/combobox/>

2. Keyboard Focus Order Does Not Match the Visual Reading Order of the Page (WCAG 2.4.3, Level A) — Violation 2

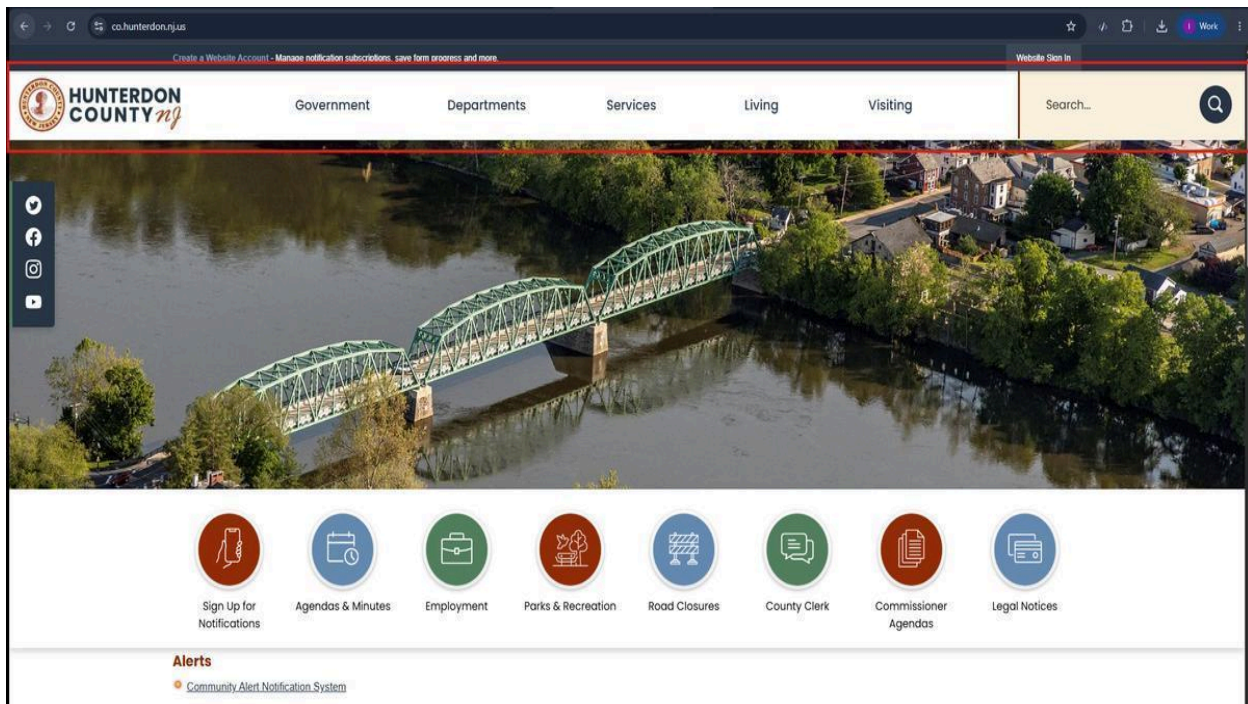
Issue URL: <https://co.hunterdon.nj.us>

Issue Description: When navigating the page with a keyboard, focus moves directly from the logo image link to the search component, skipping the site navigation. The site navigation is visually positioned between the logo and the search component, so this focus order does not match the page's visual layout. As a result, keyboard-only users and screen reader users encounter content in an unexpected sequence, which can cause confusion and make it harder to navigate the page efficiently.

Technical Details:

- When the DOM order or tabindex values do not reflect the visual reading order, the focus sequence becomes illogical. WCAG 2.4.3 requires that, if a page can be navigated sequentially and the navigation sequence affects meaning or operation, focusable components receive focus in an order that preserves meaning and operability. A focus order that skips over a primary navigation region before reaching the search component disrupts the expected interaction pattern for keyboard and assistive technology users.

Issue Location: <https://co.hunterdon.nj.us> — Home page. Navigate to the banner landmark. The site navigation is visually placed between the logo image link and the search component, but keyboard focus moves to the search component before reaching the site navigation.



Severity: Violation 2

How to Fix:

1. Ensure the DOM order of focusable elements matches the page's visual reading order.

2. Place the site navigation in the DOM between the logo and the search component so that focus naturally moves: logo → site navigation → search component.
3. Avoid using positive tabindex values (greater than 0) to control focus order, as these override the natural DOM sequence and can create unpredictable tab flows.
4. After making changes, verify the focus order by navigating the page using only the Tab key and confirm it follows the visual layout from left to right and top to bottom.

Resources for Further Learning:

- <https://www.w3.org/WAI/WCAG22/Understanding/focus-order>
- <https://www.w3.org/WAI/WCAG21/Techniques/general/G59>

3. Inaccessible Date Picker (WCAG 2.1.1, 1.3.1, 4.1.2, Level A) — Barrier 4

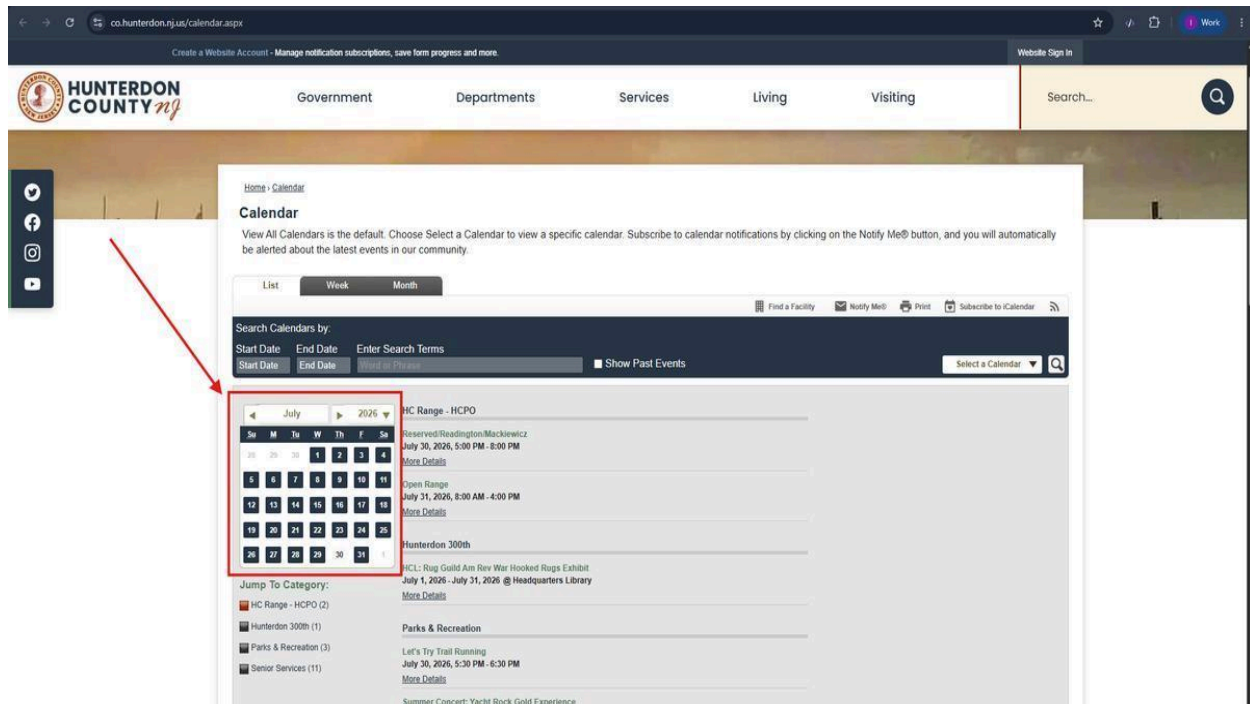
Issue URL: <https://co.hunterdon.nj.us/calendar.aspx>

Issue Description: When keyboard users navigate to the start date input field on the Calendar page, a date picker dialog is revealed. However, pressing the Tab key dismisses the dialog rather than moving focus to its controls. As a result, the Previous Month, Next Month, Today, Clear, and Close buttons inside the date picker do not receive keyboard focus and cannot be operated without a mouse.

Technical Details:

- Date picker dialogs must be fully keyboard operable. When a date picker opens, focus should move into the dialog, and users should be able to navigate all interactive controls — including navigation buttons and action buttons — using the keyboard. Pressing Tab should cycle through focusable elements within the dialog, not dismiss it. Dismissing the dialog on Tab key press prevents keyboard-only users from accessing or operating any of the date picker's controls, creating a complete barrier to date selection. Additionally, the dialog's interactive controls must expose their names, roles, and states programmatically so that assistive technologies can accurately convey their purposes to users.

Issue Location: <https://co.hunterdon.nj.us/calendar.aspx> — Main content landmark. Navigate to the content below the "Search Calendars By" heading. Calendar filter start date input field. Pressing Tab after the date picker dialog opens dismisses the dialog instead of moving focus to the Previous Month, Next Month, Today, Clear, and Close buttons within it.



Severity: Barrier 4

How to Fix:

1. Ensure that pressing Tab while the date picker dialog is open moves focus to the interactive controls within the dialog rather than dismissing it.
2. Implement a logical focus order within the date picker dialog so that all buttons (Previous Month, Next Month, Today, Clear, and Close) are reachable via keyboard.
3. Trap focus within the dialog while it is open so that Tab and Shift+Tab cycle through the dialog's focusable elements.
4. Allow the dialog to be dismissed only via an explicit action, such as pressing Escape or activating the Close button — not by pressing Tab.
5. Ensure all buttons in the dialog have meaningful, accessible names and that their roles and states are exposed programmatically.
6. Follow the ARIA Date Picker Dialog pattern for recommended keyboard interaction and markup.

Resources for Further Learning:

- <https://www.w3.org/WAI/WCAG22/Understanding/keyboard>

Next Steps

Additional Feedback

Please review the additional reporting available in the [AudioEye Digital Accessibility Platform](#) to ensure that any remaining issues identified by automation, especially those in the “Fix at source” Fix Type category, are addressed at the source level. If you have any questions about reporting, please reach out to our support team using the help link in the Platform.

Source Feedback Validation

Clients can participate in our Source Feedback Validation process. This process allows clients to request that AudioEye validate their source fixes for the issues identified in the Source Feedback Report. Clients can easily initiate this process by submitting a Source Feedback Validation ticket through the [Help Desk Form](#) or by reaching out to their AudioEye Account Manager. Through this validation, we can confirm that the fixes have been appropriately implemented and have not introduced any additional accessibility issues.