LTRT / Rural Municipality of Lac Du Bonnet Website Audit



Introduction

This document is a summary of test results. It is representative, not comprehensive.

This round of testing was done for WCAG 2.1 Level AA.

Testing Methods

Testing methods for this audit included:

- Keyboard testing
- Colour Contrast Analyser: https://www.tpgi.com/color-contrast-checker/
- Deque axe DevTools (Chrome extension): https://www.deque.com/axe/
- NVDA Screen Reader: https://www.nvaccess.org/download/

Useful References

WCAG 2.1 Quick Reference

https://www.w3.org/WAI/WCAG22/quickref/?versions=2.1

This is a good reference for looking up Web Content Accessibility Guidelines (WCAG) success criteria.

WebAIM accessible form controls

https://webaim.org/techniques/forms/controls

This is a good reference for coding proper form controls.

ARIA Authoring Practices Guide (APG)

https://www.w3.org/WAI/ARIA/apg/patterns/

This is a good reference for creating accessible components that don't exist natively in HTML, like accordions, carousels, modal dialogs, etc.

Pages Tested

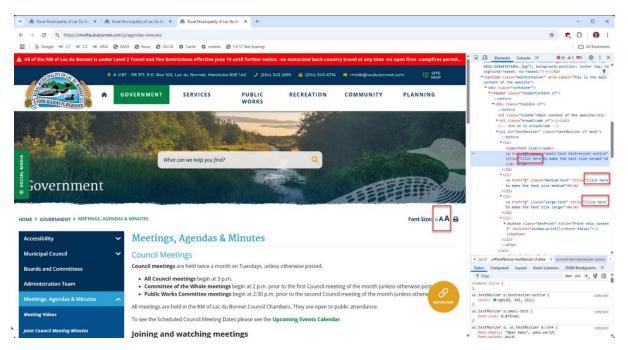
The following pages were tested:

Page #	Page Name	URL
1	Home Page	https://rmoflacdubonnet.com/
2	Transfer Stations	https://rmoflacdubonnet.com/p/transfer-stations
3	Meetings, Agendas, &	https://rmoflacdubonnet.com/p/agendas-minutes
	Minutes	

Global

The site contains several title attributes that begin with "Click here to..."

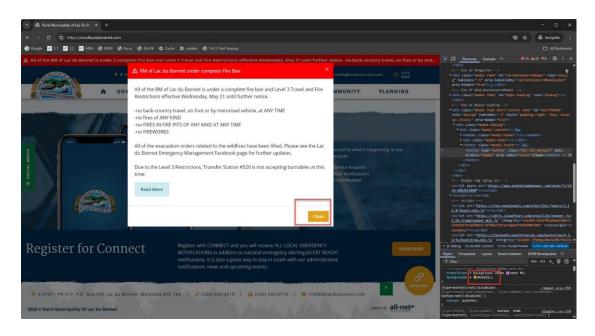
Recommendation: Remove the "Click here to" text to improve usability. For example, change: title="Click here to make the text size normal" to: title="Make the text size normal".



Home Page

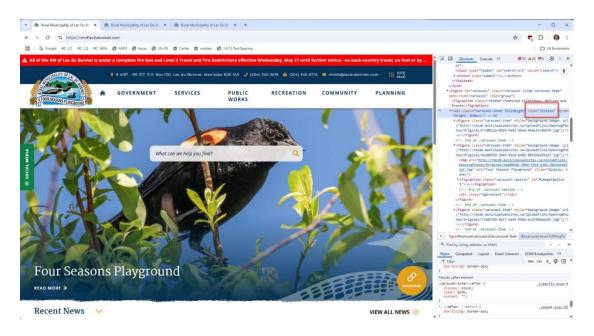
https://rmoflacdubonnet.com/

- 1. In the "Fire Ban" modal dialog, the "Close" button text is low contrast (2.19:1). It should be 4.5:1 (for regular text), or 3:1 (for large text).
 - Recommendation: Large text only needs a contrast of 3:1. So you can change the orange background colour to #CA8600 (for a contrast of 3:1), if you also increase the font-size to 1.2rem, and increase the font-weight to 700. (Large text is considered any of: large text is 1.5em / 18pt / 24px / 1.2em bold / 14pt bold / 19px bold.)
 - Or you could darken the orange to #AA6600 (for a contrast of 4.6:1), but then it would look more brown than orange.



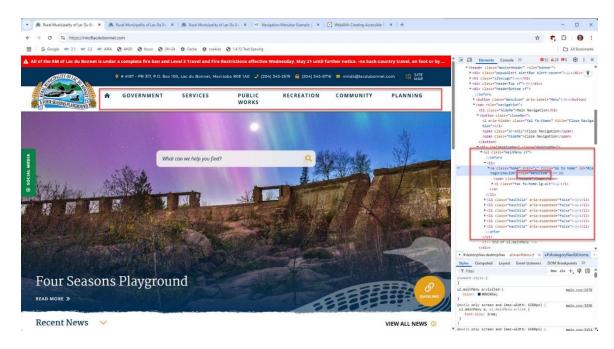
2. The carousel has role="listbox", which is not valid, because it's not a dropdown, and there are no <option /> elements or role="option".

Recommendation: remove the role="listbox" code.



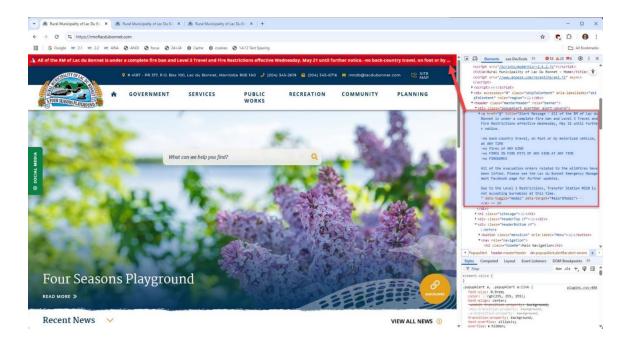
3. In the top nav, each menu item is coded with role="menuitem", but the overall menu has no role="menubar".

Recommendation: Code the element with role="menubar". For a working example, see: https://www.w3.org/WAI/ARIA/apg/patterns/menubar/examples/menubar-navigation/



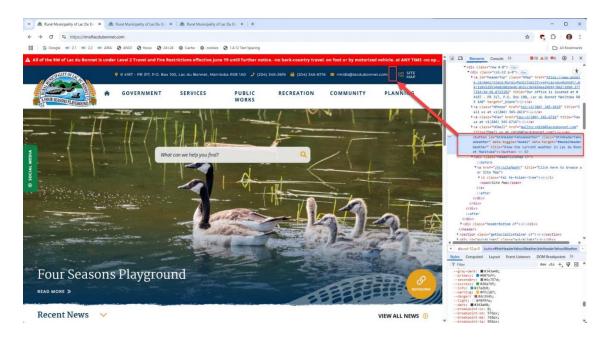
4. The text in the red banner has low contrast (#FFFFF on #FF0000 for a colour contrast of 3.99:1). It should have a contrast ratio of 4.5:1 or higher.

Recommendation: Darken the red background to #EE0000 (or darker) for a contrast ratio of 4.5:1.



5. The Weather button doesn't do anything. It's tabbable, and screen reader accessible, but it doesn't work.

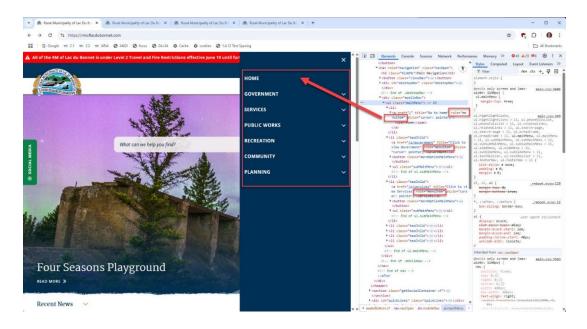
Recommendation: Remove the button, since it doesn't work.



6. The hamburger menu has several elements with role="menuitem", but it has no container with role="menu" and an aria-label.

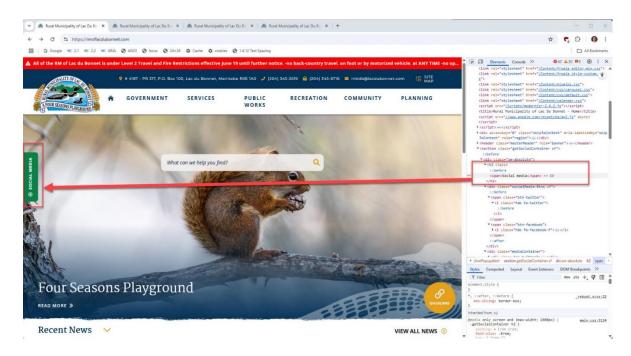
Recommendation: Include ARIA code from this demo:

https://www.w3.org/WAI/ARIA/apg/patterns/menu-button/examples/menu-button-links/



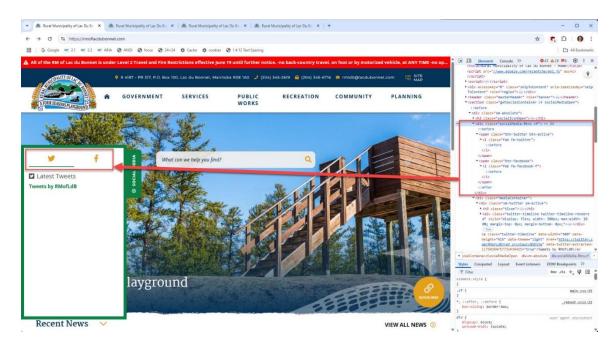
7. The "Social media" button is not a proper semantic button, and it's not keyboard accessible. Recommendation: Use the code from this accessible accordion demo:

https://www.w3.org/WAI/ARIA/apg/patterns/accordion/examples/accordion/

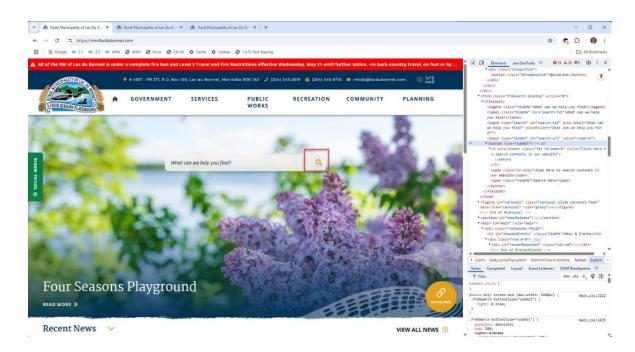


8. In the "Social media" menu, the tabs are not proper semantic tabs, and they're not keyboard accessible.

Recommendation: Use the code from this accessible tabs demo: https://www.w3.org/WAI/ARIA/apg/patterns/tabs/examples/tabs-manual/

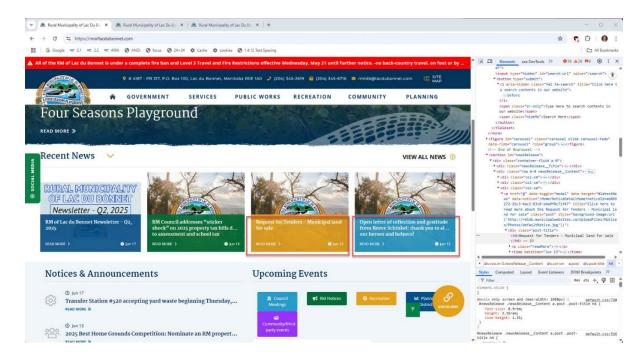


9. The magnifying glass is low contrast (#E6A21C on #FFFFFF for a contrast ratio of 2.2:1). Recommendation: Make it #CA8600 (or darker) for a contrast ratio of 3:1.



10. The white text is low contrast when placed on yellow (approx. #DCA024) and light blue (approx. #379CBF).

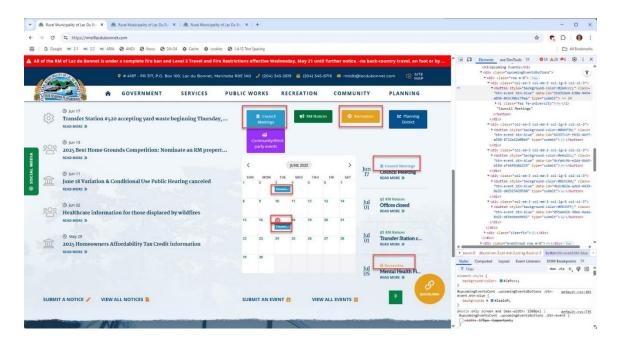
Recommendation: Darken the yellow to #A56900 (or darker) and the light blue to #1B7FA4 (or darker), for a contrast ratio of 4.5:1.



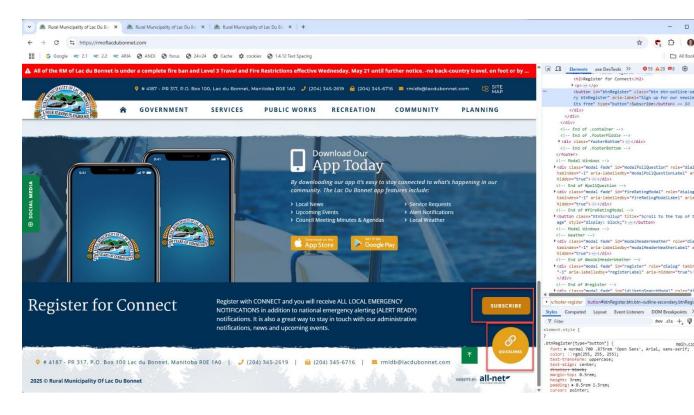
11. Here are some more examples of low contrast text.

Recommendation: For the white text, darken the background until the contrast ratio reaches

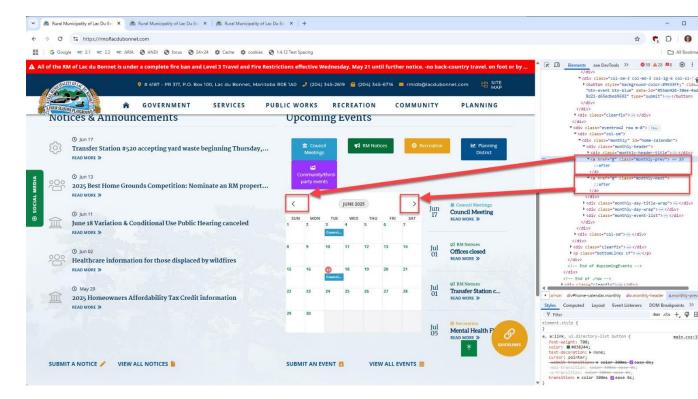
4.5:1. For the non-white text, darken the text until the contrast ratio reaches 4.5:1.



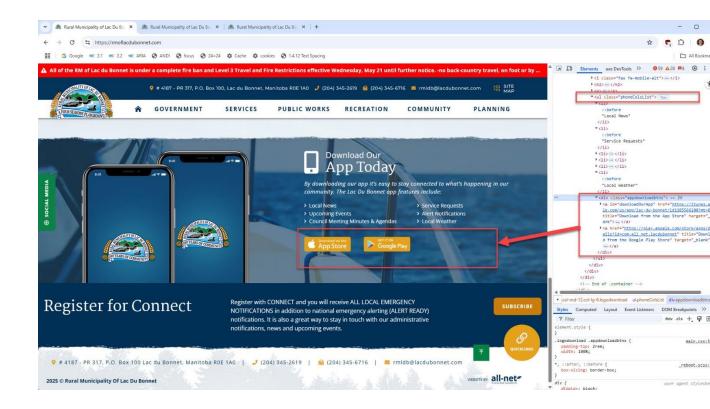
12. The "Subscribe" and "Quicklinks" buttons are low contrast. Recommendation: Darken the yellow to #A56900 (or darker).



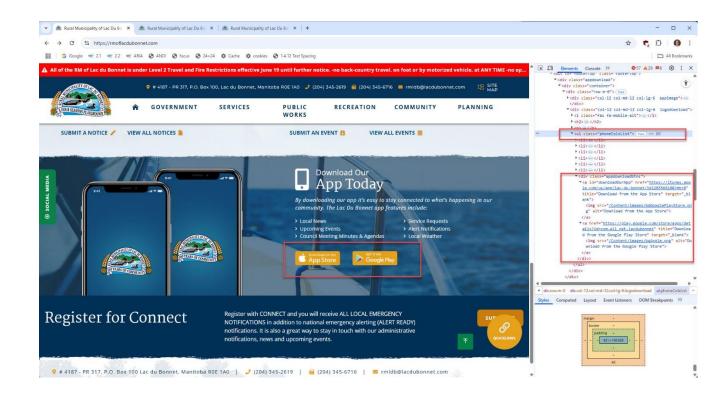
13. The calendar's Previous/Next buttons are coded as links, and they have no labels. Recommendation: Code them with a <button> tag or add role="button", and add arialabel="Previous month" or "Next month".



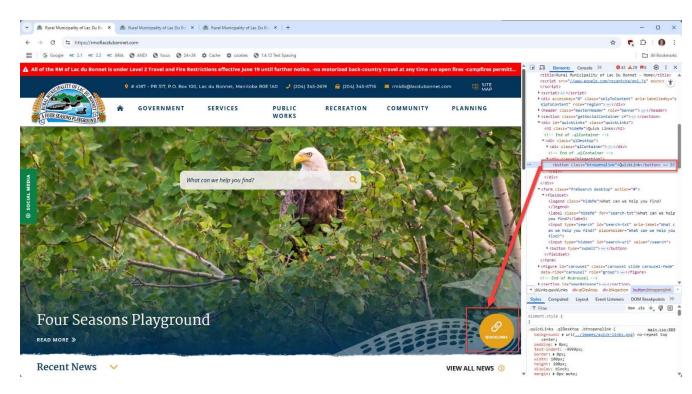
- 14. The App Store and Google Play links are low contrast.
 - Recommendation: Consider using these darker buttons:
 - Google Play: https://developer.android.com/distribute/marketing-tools/linking-to-google-play
 - Apple App Store: https://developer.apple.com/app-store/marketing/guidelines/#downloadOnAppstore



- 15. The element should contain only elements, but the app store links are not contained within elements.
 - Recommendation: Either place the app store links within elements, or move them outside of the element.



16. The "Quicklinks" button does not show a visible focus indicator when you tab to it. Recommendation: Adjust the CSS style(s) so the focus indicator (border) is visible.

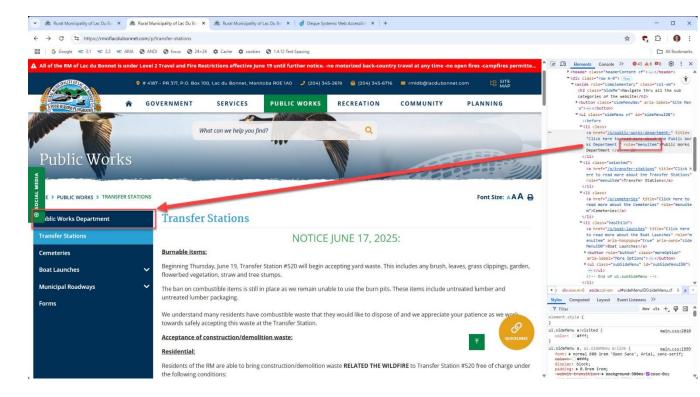


Transfer Stations

https://rmoflacdubonnet.com/p/transfer-stations

1. In the Site Menu (on the left side of the page), each link is coded as role="menuitem", but they aren't contained within an element coded with role="menu".

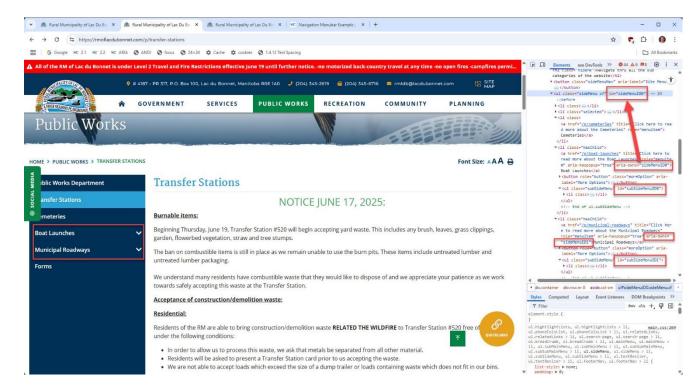
Recommendation: Code the overall menu with role="menu" – see this example: https://www.w3.org/WAI/ARIA/apg/patterns/menubar/examples/menubar-navigation/



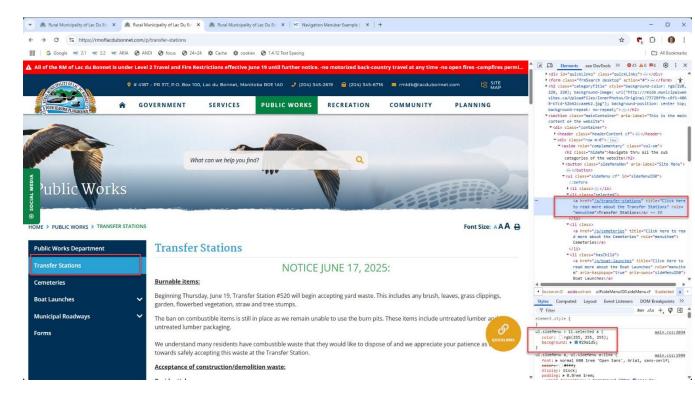
2. In the Site Menu (on the left side of the page), each expandable item has an incorrect aria-owns attribute.

Recommendations:

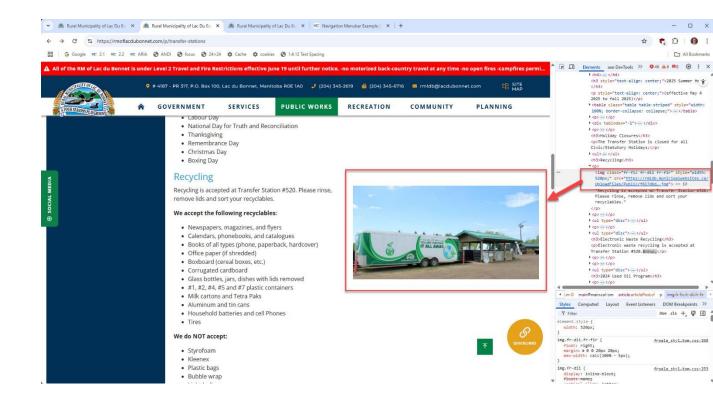
- For "Boat Launches", set aria-owns="subSideMenuID0".
- For "Municipal Roadways" set aria-owns="subSideMenuID1".



3. In the Site Menu (on the left side of the page), the current link is low contrast (#FFFFFF on #29A1D5 for a contrast ratio of 2.93:1). It should have a contrast ratio of 4.5:1 or higher. Recommendation: Change the blue background colour to #067EB2 or darker.

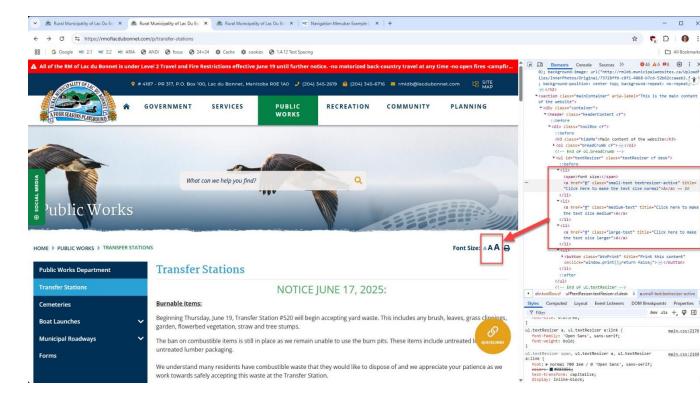


- 4. The image of the Transfer Station has no alt attribute.
 - $\label{lem:Recommendation: Choose one of the following: } Recommendation: Choose one of the following: \\$
 - a) If you feel the image is decorative, code alt="".
 - b) If you feel the image is informational, code something like alt="Photo of the Transfer Station with separate containers for sorting, and a Lac Du Bonnet transport trailer."
 - c) If you feel the image is informational and it deserves a visible caption underneath it, code it as a <figure /> element with a <figcaption /> containing the descriptive text. See this example: https://www.w3.org/Style/Examples/007/figures.en.html



5. The font size selector is made up of links, but they are not proper links (they each have href="#").

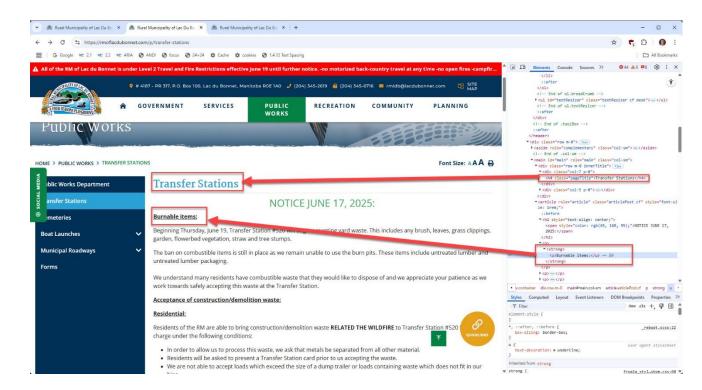
Recommendation: Code each one as a <button /> element, or add role="button".



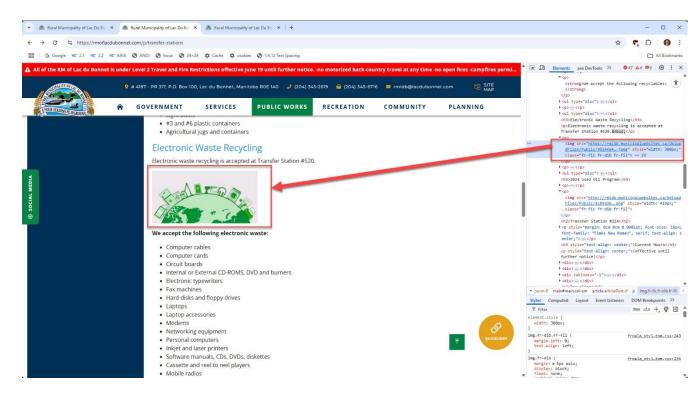
6. The page has heading structure issues.

Recommendations:

- Code "Transfer Stations" as an h1 (currently it's an h4).
- Bold, underlined text like "NOTICE JUNE 17, 2025:" should be coded as a heading (like an h3). Also, they shouldn't be underlined, because that makes them look like links.

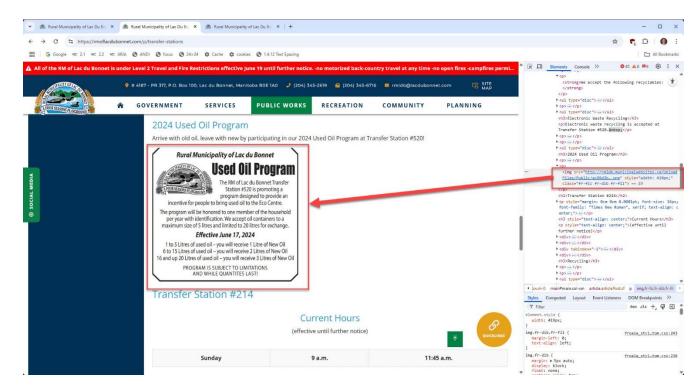


7. The electronic waste image has no alt text. Recommendation: Code it with alt="".

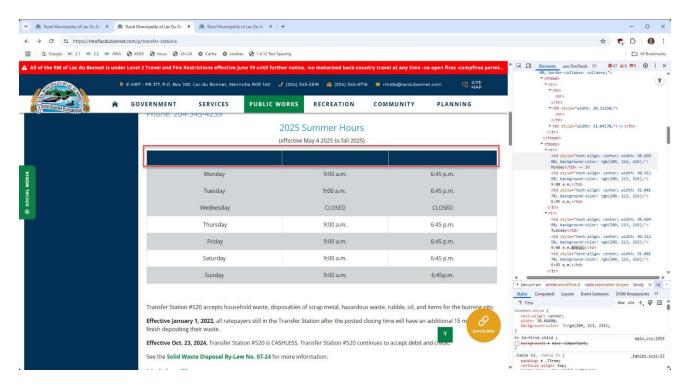


8. The "Used Oil Program" image has no alt text. The image contains a lot of informational text. Recommendation: The best option would be to replace the image with actual text, with

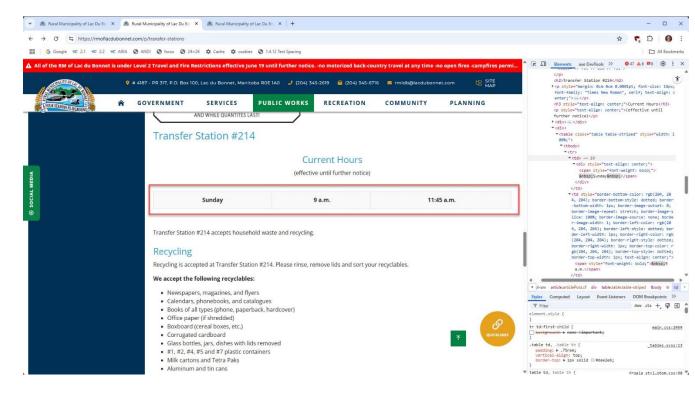
headings. Alternately, you could link the image to a separate page with details about the Used Oil Program, and give the image alt text that describes the link destination to the other page.



The Summer Hours table has no table headers.
 Recommendation: Add table headers in the top row ("Day", "Open", "Close").



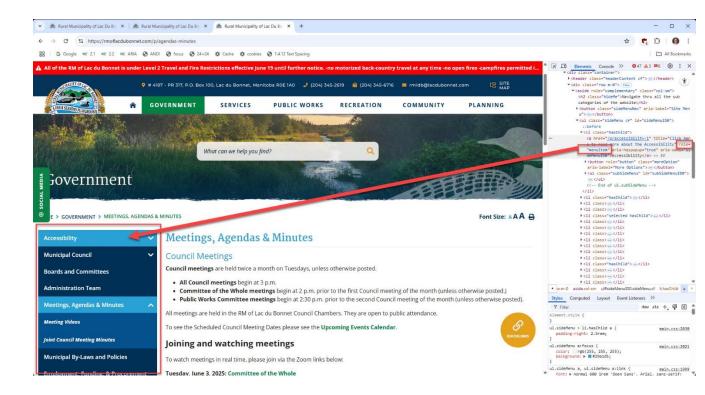
The Current Hours table has no table headers.
 Recommendation: Add table headers in the top row ("Day", "Open", "Close").



Meetings, Agendas, & Minutes

https://rmoflacdubonnet.com/p/agendas-minutes

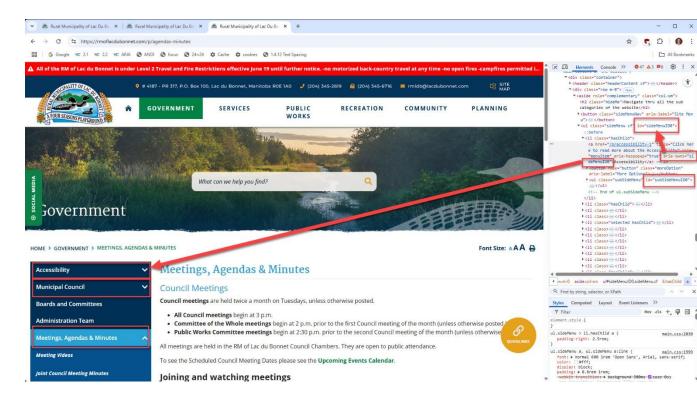
 In the Site Menu (on the left side of the page), each link is coded as role="menuitem", but they aren't contained within an element coded with role="menu".
 Recommendation: Code the overall menu with role="menu" – see this example: https://www.w3.org/WAI/ARIA/apg/patterns/menubar/examples/menubar-navigation/



2. In the Site Menu (on the left side of the page), each expandable item has an incorrect aria-owns attribute.

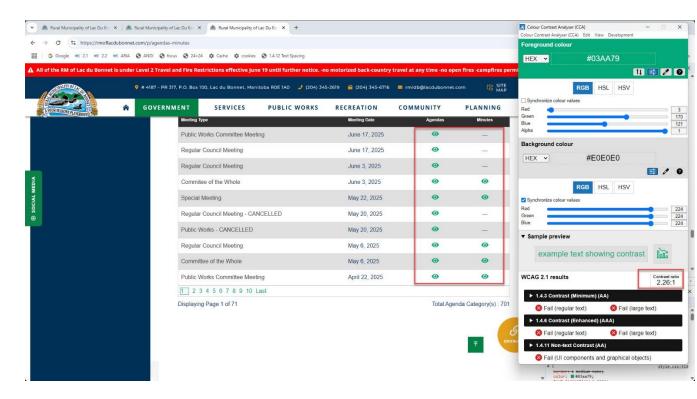
Recommendations:

- For "Accessibility", set aria-owns="subSideMenuID0".
- For "Municipal Council", set aria-owns="subSideMenuID1".
- Etc. similar fixes for the rest.



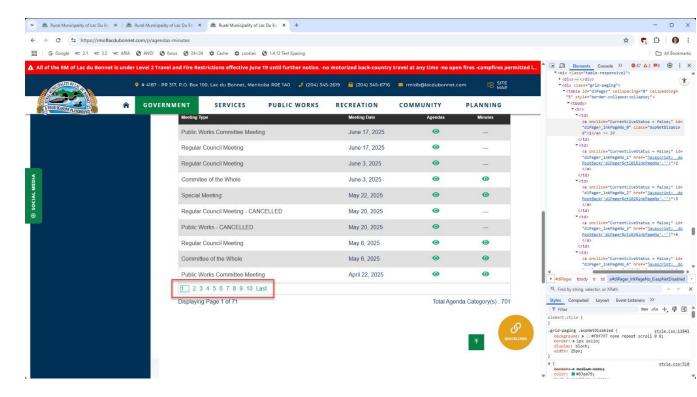
3. The eyeball icons are low contrast, especially against the grey background.

Recommendation: Darken the green colour to #009261, to reach a colour contrast ratio of 3:1.

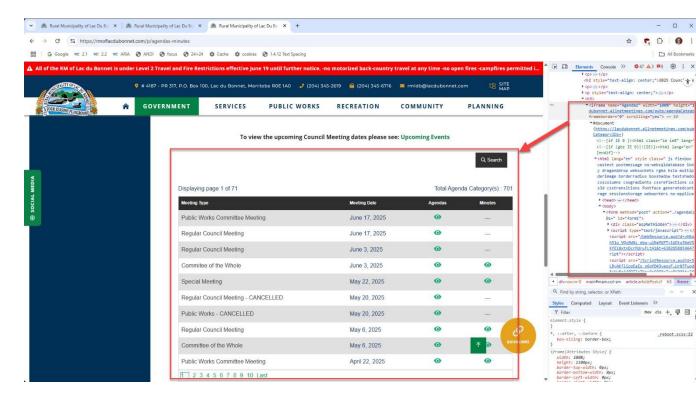


4. The pagination numbers (1, 2, 3... 10, Last) are low contrast (2.99:1). As text, they should be 4.5:1 or higher.

Recommendation: Darken them to #008857 (or darker).

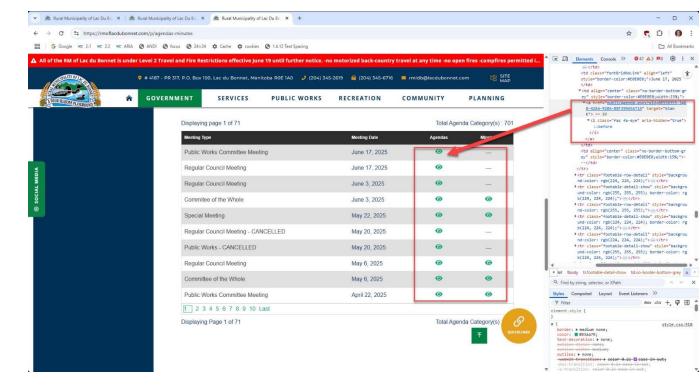


The <iframe /> element has no title attribute.
 Recommendation: add a title, like: title="Meeting Schedule".

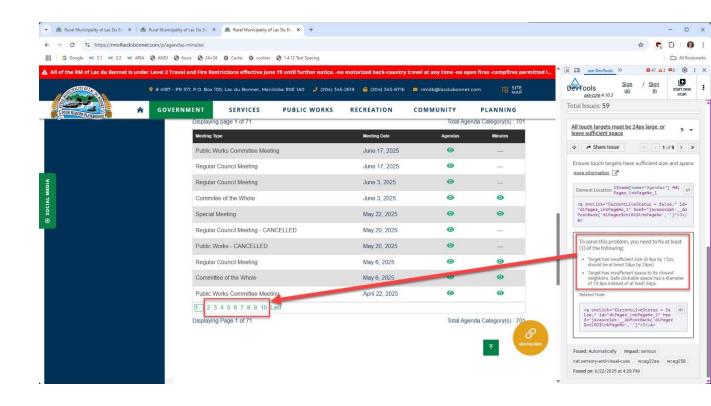


6. The eyeball links (for Agendas and Minutes) do not have text labels.

Recommend: Give each <a /> element an aria-label, like aria-label="Agenda" or aria-label="Minutes".



7. The touch targets for links 2-10 have touch targets that are too small, or are too close together. Recommendation: Either increase the touch target sizes, or spread them further apart. See screenshot below for details.



8. The Meeting Schedule links and buttons do not show a visible focus indicator when you tab to them.

Recommendation: Adjust the CSS style(s) so the focus indicator (border) is visible.

