

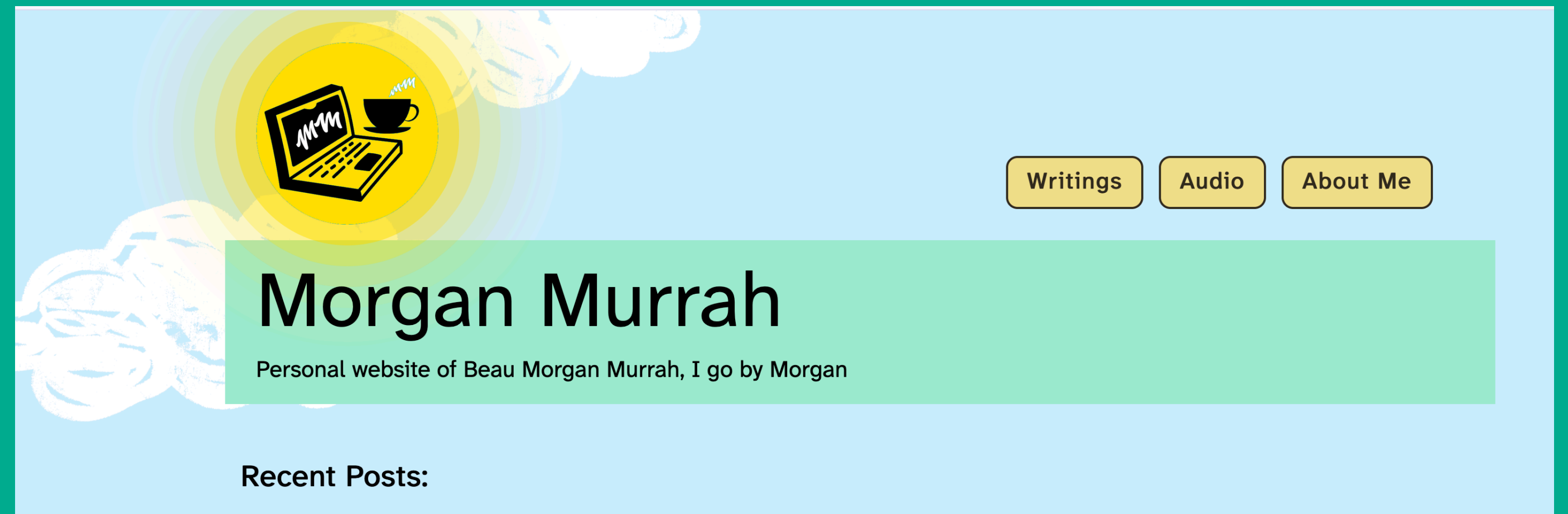
Chasing Perfection: Websites that pass all the tests

Seattle GNU Linux Conference 2026

Morgan Murrah - morganwebdev.org

Morgan Murrah

morganwebdev.org



- Web Developer for a decade
- Views it as a craft, still
- Invited Expert in the Web Sustainability Interest Group - W3C
- Contributed to WCAG, Mozilla Developer Network (MDN), PerfObserver



Why

Experience matters

- Web performance
- Accessibility
- Sustainability

What (some examples)

Even for small websites

- First load and return visit experiences
- Goodwill- Accounting term, intangible value
- How it can appear in search
- Varied options for deployment as a static site
- Usability by people with assistive technology

Testing web pages in the browser under real
and partially simulated conditions

And you can too!

100

Performance



100

Accessibility

100

Best
Practices

100

SEO

WhatcomPublicHospital.org



Whatcom should have a full-sized Public Hospital District (PHD)

We are worth it. Whatcom County residents deserve a hospital district that works more closely in tune with the people. It may be a long term project but we can build momentum. There is one right next door in Skagit, why not more? There is one being [advocated for](#) in Kitsap county, we ought to take note!

Rome wasn't built in a day. If you plan for Whatcom's future, plan for a Public Hospital District.

Any Implementation of a Public Hospital District (PHD) must be wide open for discussion and analysis. Would we eventually get a hospital but start out with Clinics? what about other services? It would be a subject of democratic processes and governance. **It would be ours.**

• Learn more recent news and background

• Learn more policy and evidence

• We don't have a public hospital?

• What kind of hospital do you mean?

• Healthcare is a big topic politically, where do I start to learn about that?

• Who else has advocated for a Public Hospital District in Whatcom County?

Mobile Screenshot



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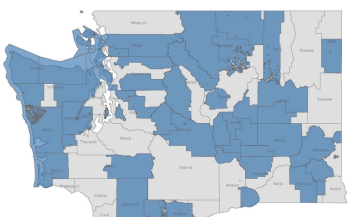
• Who else has advocated for a Public Hospital District in Whatcom County?

Looking towards the future, inspiration from precedent

A Public Hospital District (PHD) is a method available under [Washington State Law](#) for the county to own and operate hospitals and other health care facilities or services for the residents of such districts and visitors.

We may not get a Hospital yet. But it is a pre-condition for that future in practical terms.

Note: hospitals and **other health care facilities or services.** A facility or service could start up before a hospital, while simultaneously preparing a foundation for a future potential hospital under a Public Hospital District.



Public hospital districts in Washington state. Notably most of Whatcom County is not included in a district (Photo courtesy of Association of Washington Public Hospital Districts)

Indeed, the Public Hospital District concept is not totally new in Washington State and comes from 1945. Just one county over in Skagit County are several Public Hospital Districts. **Today, nearly one-half of Washington's 99 hospitals are part of public hospital districts.**

Five commissioner districts, one district in Whatcom County to support strategy and systems

We are making some updates with comments on the Association of [Washington PHD's Commissioner Resources](#). These are excellent introductions to the role of the commissioner which would be established by a Public Hospital District in Whatcom.

In the most recent projections in the event of a ballot victory there would be five commissioner districts to elect people as commissioners of the County.

Look for the people that can work together, are open about their goals and experience.

Good natured questions should be asked of anyone seeking to run for a potential commissioner position- working on a resource about this topic, linking some parts to the AWPHD. It is possible to find on the AWPHD website resources with important titles such as:

- Running for Office? Or, are you a newly elected Public Hospital District Commissioner?
- Commissioner Role Summary
- Onboarding Commissioner Checklist
- 2826 AWPHD Commissioner Guide
- AWPHD Legal Manual

Editor's note: It is strongly considered advisable interested candidates [consult these materials](#) and become familiar with them, and take advantage of the AWPHD resources

Accounting for growth, change and need

Growth is another opportunity to shape the future of our county for the better. A Public Hospital District could adapt and augment to meet the needs of the county. Whatcom County is apparently [bracing for 36% population growth over 26 years](#) – surely some of the growth can be accommodated for by a Public Hospital District rather than a monopoly.

A pro-active policy accounting for growth could help ensure care for our residents and visitors that is more independent. This would require broad public input and research but it would be **worth it.**

Join the Conversation

Visit [WhatcomHealthcareAlliance.org](#)

Get Involved with the emerging Whatcom Healthcare Alliance (WHCA) Attend one of the monthly meetings run by that group through their contact form on their website: [Whatcom Healthcare Alliance.org](#) (Launched September 28/28).

• Tell me more about the performance and accessibility of the Whatcom Healthcare Alliance website. [WhatcomHealthcareAlliance.org](#), what does this say about the focus of the organization?

• Is there any connection between Whatcom Healthcare Alliance (WHCA) established in 2020 and the former Whatcom Alliance for Health Management (MAHA)?

This website plans to send very rare emails

Enter your email to subscribe:

Powered by [Buttondown](#).

• Accessibility Statement

• Home

• Data Project

• Are we there yet?

About/Author/Privacy

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Chasing perfection in an imperfect world

- 100s x 4 Lighthouse regularly, Remote and Locally tested
- 100/100 Yellow Lab Tools score
- No errors detected - w3c Validator
- 0 Automated access issues detected - Axe DevTools, Arc Toolkit
- Most importantly... Real World Impact!
- wsg-o-matic.com & guideline-journey.com get similar results, if not as much impact

The WSG-o-matic.

► What is this?

Open a web sustainability guideline

Activate package below to load a guideline:



► More about this website and the draft Web Sustainability Guidelines (WSGs), Sustainable Tooling and Reporting (STAR) and Impact Ratings

► Get a random WSG by topic

Start

These are four principles of web accessibility...

Activate any of the buttons below and go on a journey to learn about accessibility starting from first principles. These are four foundational principles

Choose a principle:

Perceivable

Operable

Understandable

Robust

[JavaScript Object Notation \(JSON\) Content used under terms from the official Web Content Accessibility Guidelines \(WCAG\) project. All thanks to the contributors for building this impressive effort.](#)

[See WCAG for accurate reference and up-to date status.](#)

Website by [Morgan, @airbr](#) on GitHub

Process: Iteration...

Running tests as you go,

Listening and learning about the audience

(They don't need ads, trackers or big frameworks)

HTML5 Boilerplate

<https://html5boilerplate.com/>

TLDR; The Way

- Setup your boilerplate. Build a MVP.
- Run the Tests(s)
- Fix the core/critical issues first based on the test output - they explain their audits / searchable
- Run the tests again to confirm the changes worked.
- Continue doing this, until you fix more and more lesser issues, and become exhausted.

**It is an imperfect world
sometimes**

Imperfection in the wild

Not as perfect for the real world?

- W3C Validator / Nu HTML Checker — Strict, Informational warnings on itself
- Yellow Lab Tools — Open source but legacy, aging in maintenance
- Lighthouse — Cheap and plentiful lab test, some limitations and criticism
- Axe DevTools — High quality open source libraries, extension has upsells
- Arc Toolkit — Different rules engine, False positives sometimes
- Ecograder — Sustainability focused, ? Green hosting methodology

**You miss 100% of
the closing tags you
don't open**

MobileDesktop

Discover what your real users are experiencing

No Data

Diagnose performance issues

1001001001002/2

PerformanceAccessibilityBest PracticesSEOAgentic Browsing

100

Performance

Values are estimated and may vary. The performance score is calculated directly from these metrics. See calculator.

0-4950-8990-100

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Diag

100100100

PerformanceAccessibilityBest Practices

PAGE

Weight

100/100Weight Score

JavaScript

HTML

CSS

Images

Document checking completed. No errors or warnings to show.

Used the HTML parser.
Total execution time 73 milliseconds.

Global score

A

94/100

September is research month! check out our News and Resources sections

Whatcom Deserves a Public Hospital District

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InspectorConsoleDebuggeraxe DevTools

DevToolsaxe-core 4.10.3

Test URLhttps://whatcompublichospital.org/

TOTAL ISSUES0

Automatic Issues0

Critical0Serious0

Moderate0Minor0

Best Practices: ONWCAG 2.2 AA

Total Issues: 0

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100100100

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Questions - Thank you!!

Morgan Murrah 2026