Executive Summary



Performance Report for:

https://watertechbd.com/

Report generated: Thu, Jan 13, 2022 12:29 AM -0800

Test Server Location: I ♥ Vancouver, Canada

Using: O Chrome (Desktop) 90.0.4430.212, Lighthouse 8.3.0

D

Performance 69%

Structure 61%

L. Contentful Paint

3.7s

T. Blocking Time

39ms

C. Layout Shift

0.02

Top Issues

| IMPACT | AUDIT | |
|----------|--|-----------------------------|
| High | Avoid enormous network payloads | Total size was 8.87MB |
| Med-High | Efficiently encode images | Potential savings of 4.93MB |
| Med | Properly size images | Potential savings of 2.28MB |
| Med | Serve static assets with an efficient cache policy | Potential savings of 899KB |
| Med | Eliminate render-blocking resources | Potential savings of 356ms |

Page Details

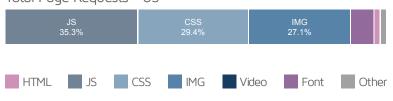
3.8s Fully Loaded Time

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Total Page Size - 8.87MB



Total Page Requests - 85



How does this affect me?

Today's web user expects a fast and seamless website experience. Delivering that fast experience can result in increased visits, conversions and overall happiness.

As if you didn't need more incentive, Google has announced that they are using page speed in their ranking algorithm.

About GTmetrix



GTmetrix is developed by the good folks at **Carbon60**, a Canadian hosting company with over 26 years experience in web technology.

https://carbon60.com/

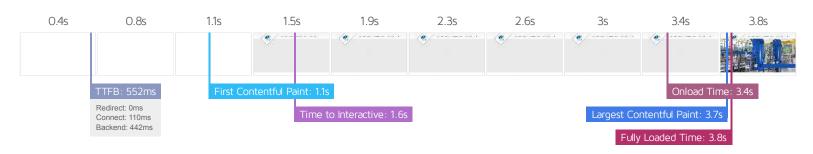


The waterfall chart displays the loading behaviour of your site in your selected browser. It can be used to discover simple issues such as 404's or more complex issues such as external resources blocking page rendering.

| | 200 | watertechbd.com | 15.1KB | 554ms |
|--------------------------------------|-----|----------------------|--------|------------|
| validationEngine.jquery.css?ver=2.14 | 200 | watertechbd.com | 994B | 50ms |
| tyle.min.css?ver=5.7.2 | 200 | watertechbd.com | 7.96KB | 50ms |
| rendors-style.css?ver=4.4.3 | 200 | watertechbd.com | 911B | 87ms |
| tyle.css?ver=4.4.3 | 200 | watertechbd.com | 17.2KB | 88ms |
| styles.css?ver=4.4.3 | 200 | watertechbd.com | 824B | 50ms |
| s6.css?ver=6.1.2 | 200 | watertechbd.com | 11.0KB | 125ms |
| r-insta.css?ver=1.9.4 | | | | |
| ont-awesome.min.css?ver=5.7.2 | 200 | watertechbd.com | 626B | 124ms 61ms |
| | 200 | maxcdn.bootstrapcdn | 7.48KB | 126ms |
| nstag-slider.css?ver=1.9.4 | 200 | watertechbd.com | 1.94KB | |
| vis-header.css?ver=1.9.4 | 200 | watertechbd.com | 306B | 124ms |
| emplates.css?ver=1.9.4 | 200 | watertechbd.com | 2.04KB | 125ms |
| vyt-header.css?ver=1.9.4 | 200 | watertechbd.com | 840B | 126ms |
| s_composer.min.css?ver=5.1.1 | 200 | watertechbd.com | 40.1KB | 165ms |
| Defaults.css?ver=5.7.2 | 200 | watertechbd.com | 4.35KB | 127ms |
| Iltimate.min.css?ver=3.16.12 | 200 | watertechbd.com | 42.9KB | 280ms |
| ootstrap_1.css?ver=5.7.2 | 200 | watertechbd.com | 19.1KB | 281ms |
| olugins_1.css?ver=5.7.2 | 200 | watertechbd.com | 17.0KB | 280ms |
| heme_elements_1.css?ver=5.7.2 | 200 | watertechbd.com | 31.6KB | 356rns |
| heme_1.css?ver=5.7.2 | 200 | watertechbd.com | 29.0KB | 357ms |
| heme_shop_1.css?ver=5.7.2 | 200 | watertechbd.com | 17.6KB | 281ms |
| kin_1.css?ver=5.7.2 | 200 | watertechbd.com | 16.0KB | 280ms |
| tyle.css?ver=5.7.2 | 200 | watertechbd.com | 405B | 199ms |
| ss?family=Open+Sans%3A200%2C3 | 200 | fonts.googleapis.com | 1.33KB | 57ms |
| query.min.js?ver=3.5.1 | 200 | watertechbd.com | 29.6KB | 355ms |
| query-migrate.min.js?ver=3.3.2 | 200 | watertechbd.com | 3.90KB | 200ms |
| evolution.tools.min.js?ver=6.0 | 200 | watertechbd.com | 48.0KB | 356ins |
| s6.min.js?ver=6.1.2 | 200 | watertechbd.com | 63.7KB | 394ms |
| query.blockUI.min.js?ver=2.70 | 200 | watertechbd.com | 3.16KB | 240ms |
| dd-to-cart.min.js?ver=5.1.1 | 200 | watertechbd.com | 970B | 239ms |
| voocommerce-add-to-cart.js?ver=5.1.1 | 200 | watertechbd.com | 287B | 242ms |
| query.flexslider-min.js?ver=1.9.4 | 200 | watertechbd.com | 6.04KB | 238ms |
| query.flexslider-min.js?ver=1.9.4 | 200 | watertechbd.com | 6.04KB | 238ms |
| ore.min.js?ver=1.12.1 | 200 | watertechbd.com | 6.43KB | 240ms |
| ltimate.min.js?ver=3.16.12 | 200 | watertechbd.com | 55.0KB | 356ms |
| olugins.min.js?ver=3.6.4 | 200 | watertechbd.com | 79.9KB | 393ms |
| simple-line-icons.css | 200 | cdnjs.cloudflare.com | 2.17KB | 55ms |
| ogo-wt.png | 200 | watertechbd.com | 46.5KB | 577ms |
| .ogo-e1572196802357.png | 200 | watertechbd.com | 8.55KB | 589ms |
| lide-1.jpg | 200 | watertechbd.com | 1.26MB | 2 8s |
| lide-2.jpg | 200 | watertechbd.com | 0.99MB | 2.5s |
| lide-3.jpg | 200 | watertechbd.com | 1.35MB | 2.8s |
| lide-5.jpg | 200 | watertechbd.com | 789KB | 2.3s |
| ilide-4.jpg | 200 | watertechbd.com | 648KB | 1.9s |
| ewabrane.jpg | 200 | watertechbd.com | 171KB | 640ms |
| ewatit.jpg | 200 | watertechbd.com | 157KB | 944ms |
| /ave-Cyber.jpg | 200 | watertechbd.com | 207KB | 1s |
| otted-line-angle.png | 200 | sw-themes.com | 1.68KB | 718ms |
| .jpg | 200 | watertechbd.com | 47.8KB | 739ms |
| .jpg | 200 | watertechbd.com | 41.6KB | 7/60ms |
| 1.jpg | 200 | watertechbd.com | 49.5KB | 763ms |
| 2.jpg | 200 | watertechbd.com | 68.0KB | 794ms |
| ron-Removal-Plant.jpg | 200 | watertechbd.com | 489KB | 1.6s |
| | | | | |

| avicon.ico | 404 | watertechbd.com | 8.74KB | | 316ms |
|---------------------------------------|-----|------------------------------------|----------------|-------|-------|
| oorto.woff2?23364375 | 200 | watertechbd.com | 28.9KB | 319ms | 240 |
| POST ?wc-ajax=get_refreshed_fragm | 200 | watertechbd.com | 415B | 547ms | |
| evicons.woff?5510888 | 200 | watertechbd.com | 7.36KB | 377ms | |
| nome-concept-small.png | 200 | watertechbd.com | 12.9KB | 266ms | |
| Simple-Line-Icons.woff2?v=2.4.0 | 200 | cdnjs.cloudflare.com | 30.1KB | 134ms | |
| ooter-construction.jpg | 200 | watertechbd.com | 49.6KB | 350ms | |
| ontawesome-webfont.woff2?v=4.6.3 | 200 | watertechbd.com | 70.2KB | 495ms | |
| nemvYaGs126MiZpBA-UvWbX2vVnX | 200 | fonts.gstatic.com | 43.6KB | 109ms | |
| vp-embed.min.js?ver=5.7.2 | 200 | watertechbd.com | 663B | 539ms | |
| heme.min.js?ver=3.6.4 | 200 | watertechbd.com | 28.0KB | 690ms | |
| s_composer_front.min.js?ver=5.1.1 | 200 | watertechbd.com | 5.12KB | 526ms | |
| dd-to-cart-variation.min.js?ver=5.1.1 | 200 | watertechbd.com | 3.35KB | 540ms | |
| vp-util.min.js?ver=5.7.2 | 200 | watertechbd.com | 540B | 522ms | |
| ınderscore.min.js?ver=1.8.3 | 200 | watertechbd.com | 5.43KB | 520ms | |
| omment-reply.min.js?ver=5.7.2 | 200 | watertechbd.com | 1.20KB | 516ms | |
| art-fragments.min.js?ver=5.1.1 | 200 | watertechbd.com | 934B | 515ms | |
| voocommerce.min.js?ver=5.1.1 | 200 | watertechbd.com | 670B | 519ms | |
| s.cookie.min.js?ver=2.1.4 | 200 | watertechbd.com | 899B | 515ms | |
| ndex.js?ver=5.4 | 200 | watertechbd.com | 2.96KB | 519ms | |
| vp-emoji-release.min.js?ver=5.7.2 | 200 | watertechbd.com | 4.21KB | 622ms | |
| api-fetch.min.js?ver=a783d1f442d2ab | 200 | watertechbd.com | 3.24KB | 567mş | |
| ırl.min.js?ver=0ac7e0472c46121366e | 200 | watertechbd.com | 2.84KB | 561ms | |
| odash.min.js?ver=4.17.19 | 200 | watertechbd.com | 24.5KB | 566mş | |
| 18n.min.js?ver=db9a9a37da2628833 | 200 | watertechbd.com | 3.61KB | 559ms | |
| nooks.min.js?ver=50e23bed88bcb9e6 | 200 | watertechbd.com | 2.14KB | 550ms | |
| wp-polyfill.min.js?ver=7.4.4 | 200 | watertechbd.com | 31.9KB | 512ms | |
| css?family=Abril+Fatface%3Aregular | 200 | fonts.googleapis.com | 446B | 443ms | |
| vatertech-logo-1-1.png | 200 | watertechbd.com | 64.8KB | 864ms | |
| Plant-1.jpg | 200 | watertechbd.com | 562KB | 1.6s | |
| Vater-Softening-Plant.jpg | 200 | watertechbd.com watertechbd.com | 326KB 275KB | 1.3s | |





Performance Metrics

| First Contentful Paint How quickly content like text or images are painted onto your page. A good user experience is 0.9s or less. | OK, but consider improvement | Time to Interactive How long it takes for your page to become fully interactive. A good user experience is 2.5s or less. | Good - Nothing to do here | | |
|--|------------------------------------|---|---------------------------|--|--|
| Speed Index How quickly the contents of your page are visibly populated. A good user experience is 1.3s or less. | Much longer than recommended 4.0s | Total Blocking Time How much time is blocked by scripts during your page loading process. A good user experience is 150ms or less. | Good - Nothing to do here | | |
| Largest Contentful Paint How long it takes for the largest element of content (e.g. a hero image) to be painted on your page. A good user experience is 1.2s or less. | Much longer than recommended 3.7s | Cumulative Layout Shift How much your page's layout shifts as it loads. A good user experience is a score of 0.1 or less. | Good - Nothing to do here | | |

Browser Timings

| Redirect | Oms | Connect | 110ms | Backend | 442ms |
|------------|-------|-------------|-------|--------------|-------|
| TTFB | 552ms | First Paint | 1.1s | DOM Int. | 1.4s |
| DOM Loaded | 1.4s | Onload | 3.4s | Fully Loaded | 3.8s |



Structure Audits

| IMPACT | AUDIT | |
|----------|--|----------------------------------|
| High | Avoid enormous network payloads | Total size was 8.87MB |
| Med-High | Efficiently encode images | Potential savings of 4.93MB |
| Med | Properly size images | Potential savings of 2.28MB |
| Med | Serve static assets with an efficient cache policy | Potential savings of 899KB |
| Med | Eliminate render-blocking resources | Potential savings of 356ms |
| Med | Use a Content Delivery Network (CDN) | 74 resources found |
| Low | Use passive listeners to improve scrolling performance | 1 event listener not passive |
| Low | Serve images in next-gen formats | Potential savings of 6.52MB |
| Low | Ensure text remains visible during webfont load | 5 fonts found |
| Low | Reduce unused CSS | Potential savings of 240KB |
| Low | Avoid chaining critical requests | 54 chains found |
| Low | Defer offscreen images | Potential savings of 114KB |
| Low | Avoid long main-thread tasks | 3 long tasks found |
| Low | Reduce JavaScript execution time | 486ms spent executing JavaScript |
| Low | Avoid an excessive DOM size | 523 elements |
| Low | Reduce initial server response time | Root document took 442ms |
| Low | Avoid serving legacy JavaScript to modern browsers | Potential savings of 5.25KB |
| Low | Avoid large layout shifts | 5 elements found |
| Low | Reduce unused JavaScript | Potential savings of 164KB |
| N/A | Largest Contentful Paint element | 1 element found |
| N/A | Minimize main-thread work | Main-thread busy for 1.9s |
| N/A | Reduce the impact of third-party code | Total size was 86.5KB |
| N/A | User Timing marks and measures | |