



## Performance Report for: <https://watertechbd.com/>

Report generated: Thu, Jan 13, 2022 12:29 AM -0800  
 Test Server Location: Vancouver, Canada  
 Using: Chrome (Desktop) 90.0.4430.212, Lighthouse 8.3.0

<b>D</b>	Performance <b>69%</b>	Structure <b>61%</b>	L. Contentful Paint <b>3.7s</b>	T. Blocking Time <b>39ms</b>	C. Layout Shift <b>0.02</b>
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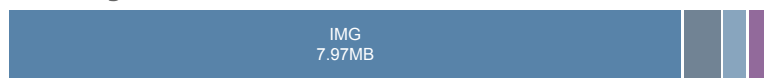
### Top Issues

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

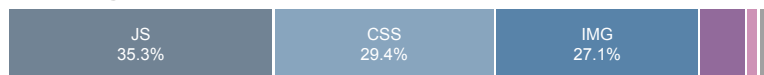
### Page Details



Total Page Size - 8.87MB



Total Page Requests - 85



HTML JS CSS IMG Video Font Other

### 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

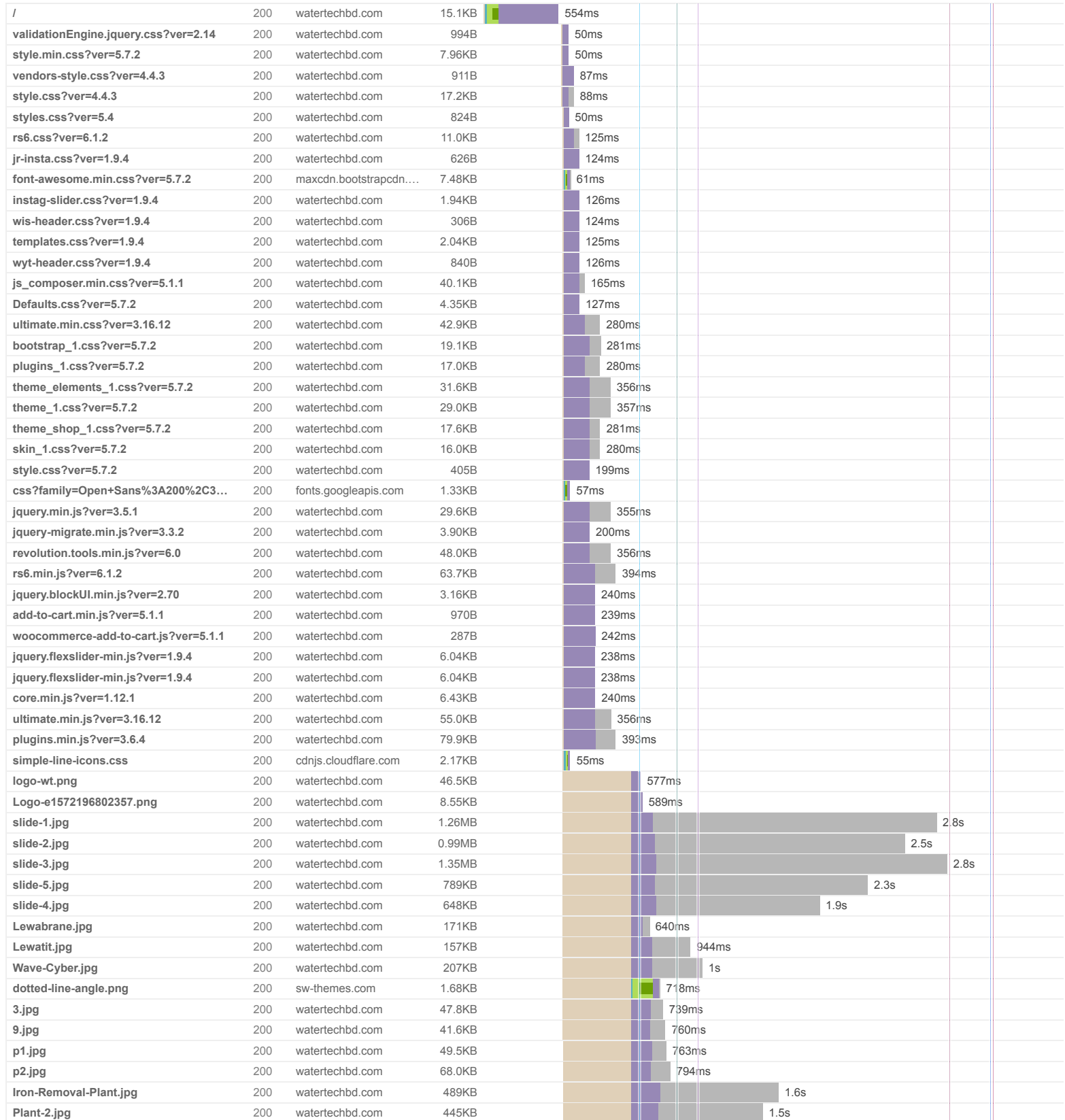
**CARBON60**  
THE MANAGED CLOUD COMPANY

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

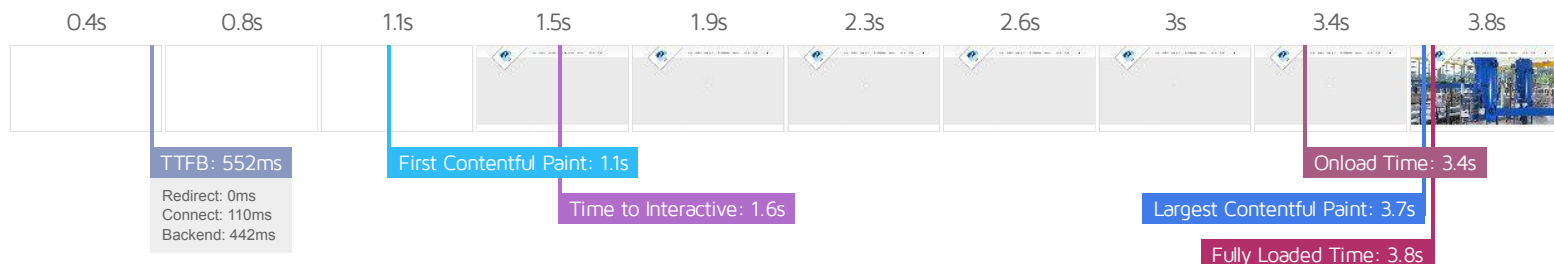
<https://carbon60.com/>

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.

## WATER TECH Engineering Ltd. – watertechbd.com



Water-Softening-Plant.jpg	200	watertechbd.com	326KB	<div></div>	1.3s		
Plant-3.jpg	200	watertechbd.com	275KB	<div></div>	1.2s		
Plant-1.jpg	200	watertechbd.com	562KB	<div></div>	1.6s		
watertech-logo-1-1.png	200	watertechbd.com	64.8KB	<div></div>	864ms		
css?family=Abril+Fatface%3Aregular...	200	fonts.googleapis.com	446B	<div></div>	443ms		
wp-polyfill.min.js?ver=7.4.4	200	watertechbd.com	31.9KB	<div></div>	512ms		
hooks.min.js?ver=50e23bed88bcb9e6...	200	watertechbd.com	2.14KB	<div></div>	550ms		
i18n.min.js?ver=db9a9a37da2628833...	200	watertechbd.com	3.61KB	<div></div>	559ms		
lodash.min.js?ver=4.17.19	200	watertechbd.com	24.5KB	<div></div>	566ms		
url.min.js?ver=0ac7e0472c46121366e...	200	watertechbd.com	2.84KB	<div></div>	561ms		
api-fetch.min.js?ver=a783d1f442d2ab...	200	watertechbd.com	3.24KB	<div></div>	567ms		
wp-emoji-release.min.js?ver=5.7.2	200	watertechbd.com	4.21KB	<div></div>	622ms		
index.js?ver=5.4	200	watertechbd.com	2.96KB	<div></div>	519ms		
js.cookie.min.js?ver=2.1.4	200	watertechbd.com	899B	<div></div>	515ms		
woocommerce.min.js?ver=5.1.1	200	watertechbd.com	670B	<div></div>	519ms		
cart-fragments.min.js?ver=5.1.1	200	watertechbd.com	934B	<div></div>	515ms		
comment-reply.min.js?ver=5.7.2	200	watertechbd.com	1.20KB	<div></div>	516ms		
underscore.min.js?ver=1.8.3	200	watertechbd.com	5.43KB	<div></div>	520ms		
wp-util.min.js?ver=5.7.2	200	watertechbd.com	540B	<div></div>	522ms		
add-to-cart-variation.min.js?ver=5.1.1	200	watertechbd.com	3.35KB	<div></div>	540ms		
js_composer_front.min.js?ver=5.1.1	200	watertechbd.com	5.12KB	<div></div>	526ms		
theme.min.js?ver=3.6.4	200	watertechbd.com	28.0KB	<div></div>	690ms		
wp-embed.min.js?ver=5.7.2	200	watertechbd.com	663B	<div></div>	539ms		
memvYaGs126MiZpBA-UvWbX2vVnX...	200	fonts.gstatic.com	43.6KB	<div></div>	109ms		
fontawesome-webfont.woff2?v=4.6.3	200	watertechbd.com	70.2KB	<div></div>	495ms		
footer-construction.jpg	200	watertechbd.com	49.6KB	<div></div>	350ms		
Simple-Line-Icons.woff2?v=2.4.0	200	cdnjs.cloudflare.com	30.1KB	<div></div>	134ms		
home-concept-small.png	200	watertechbd.com	12.9KB	<div></div>	266ms		
revicons.woff?5510888	200	watertechbd.com	7.36KB	<div></div>	377ms		
POST ?wc-ajax=get_refreshed_fragm...	200	watertechbd.com	415B	<div></div>	547ms		
porto.woff2?23364375	200	watertechbd.com	28.9KB	<div></div>	319ms		
<b>favicon.ico</b>	<b>404</b>	<b>watertechbd.com</b>	<b>8.74KB</b>	<div></div>			316ms
86 Requests    8.84MB (12.0MB Uncompressed)    Fully Loaded 3.8s (Onload 3.4s)							



## Performance Metrics

<b>First Contentful Paint</b> 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 <b>1.1s</b>	<b>Time to Interactive</b> 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 <b>1.6s</b>
<b>Speed Index</b> How quickly the contents of your page are visibly populated. A good user experience is 1.3s or less.	Much longer than recommended <b>4.0s</b>	<b>Total Blocking Time</b> 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 <b>39ms</b>
<b>Largest Contentful Paint</b> 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 <b>3.7s</b>	<b>Cumulative Layout Shift</b> 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 <b>0.02</b>

## Browser Timings

Redirect	0ms	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

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	