Beachwatch GeoJSON API

Connecting to a GeoJSON API is a straightforward process that can be done using various tools, such as web browsers or API clients. The most common use of this API will be to integrate Beachwatch data into your own apps.

The Beachwatch GeoJSON API URL

> *https://api.beachwatch.nsw.gov.au/public/sites/geojson*

The site_name query parameter can be used to set the name of the specific beach you are interested in. It can be added multiple times to return more than one specific site, e.g., site_name=Bondi&site_name=Manly.

Remove the parameter altogether to return all sites.

Here is an example Curl command to request the Beachwatch GeoJSON.

```
curl -X 'GET' \
  'https://api.beachwatch.nsw.gov.au/public/sites/geojson?
site_name=Bondi%20Beach' \
  -H 'accept: application/json'
```

Here is an example response


```
{
  "type": "FeatureCollection",
  "features": [
    {
      "type": "Feature",
      "geometry": {
        "type": "Point",
        "coordinates": [
          151.27761,
          -33.89151
        ]
      },
      "properties": {
        "id": "0cb29ff9-ebb0-429a-a7f4-0ede823c0702",
        "siteName": "Bondi Beach",
        "pollutionForecast": "Forecast not available",
        "pollutionForecastTimeStamp": "2023-05-01T02:00:08.09+00:00",
        "latestResult": "Good",
        "latestResultRating": 4,
        "latestResultObservationDate": "2023-04-20T00:00:00+11:00"
      }
    }
  ]
}
```

Limitations and Authentication

Requests are limited to 24 per minute. No authentication is required.