

Info. Html

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
  <title>Info</title>
```

```
</head>
```

```
<body style="background-image: linear-gradient(to left,#3865b3, #459fc9);  
background-size: cover;font-weight: bold;">
```

```
  <h1 style="color:white;text-align:center;">Efficient Water Analysis and Prediction using  
Machine Learning </h1>
```

```
  <h1>
```

```
    <font color="blue" size="6" font-family="Comic Sans MS">pH Value And Its Impact on  
Water Quality</font>
```

```
  </h1>
```

```
  <p>
```

```
    <font color="white" size="5" font-family="Comic Sans MS">pH is a measure of how acidic  
or basic a water sample  
    is.</font><br />
```

```
    <font color="white" size="5" font-family="Comic Sans MS">The range goes from 0 to  
14.</font><br />
```

```
  <ul>
```

```
    <li>
```

```
      <font color="white" size="5" font-family="Comic Sans MS">pH level with less than 7 is  
acidic.</font>
```

```
    </li>
```

```
    <li>
```

```
      <font color="white" size="5" font-family="Comic Sans MS">pH level with greater than 7  
is basic.</font>
```

```
    </li>
```

```
    <li>
```

```
      <font color="white" size="5" font-family="Comic Sans MS">pH value equal to 7 is  
neutral.</font>
```

```
    </li>
```

```
  </ul>
```

```
  <h1>
```

```
    <font color="blue" size="6" font-family="Comic Sans MS">Nitrate Value And Its Impact on  
Water Quality
```

```
    </font>
```

```
  </h1>
```

<p>
Nitrate occurs naturally and at
safe and healthy levels
in some foods.

Other sources of nitrate
includes Discharge from Sewage
systems and animal wastes,etc.

Water Level with less than 6
mg/L can be used for
drinking.

Health concern occurs with
Nitrate levels over 7
mg/L.

<h1>
Dissolved Oxygen Value And Its
Impact on Water
Quality

</h1>
<p>
Dissolved Oxygen (DO) is
essential for the survival of
fish and other aquatic organisms.

Oxygen is also introduced as a
byproduct of aquatic
plant photosynthesis.

The Colder water is, the
more oxygen it can hold.

The Warmer water is, the
less oxygen can be
dissolved in it.

When oxygen levels are whiteuced there are chances of increase in bacteria or algae in water which causes adverse health effects.

Coliform Value And Its Impact on Water Quality

Coliform Bacteria in water indicates the disease causing organisms.

Types of Coliforms are Total Coliform, Fecal Coliform and E.coli

- More the amount of Coliform, more the potential contamination sources in the water sample.**

- Less the amount of Coliform, more purer the water sample is.**

Conductivity Value And Its Impact on Water Quality

Conductvity measures the water's ability to conduct electricity due to presence or absence of certain ions.

- Pure Water conducts electricity poorly and can be used for drinking.**

```
<li>
  <font color="white" size="5" font-family="Comic Sans MS">Water that has certain
chemicals or elements in it,
    and at varying amount including sodium, magnesium, calcium and chloride is a better
conductor of
      electricity.</font>
</li>
</ul>
</body>

</html>
```