New Jersey’s Surface Water Quality Standards (SWQS) establish the designated uses of the State’s surface waters, classify surface waters based on those uses, and specify the water quality criteria and other policies necessary to attain those uses. Designated uses include water supply for drinking, agriculture and industrial uses, fish consumption, shellfish resources, propagation of fish and wildlife, and recreation.

The table below show the designated use information for your municipality. For more information on Surface Water Quality, see the Healthy Community Planning Report for this municipality.

<table>
<thead>
<tr>
<th>AU_name</th>
<th>Aquatic_General</th>
<th>Aquatic_Trout</th>
<th>Water_Supply</th>
<th>Recreation</th>
<th>Shellfish</th>
<th>Fish_Consumption</th>
</tr>
</thead>
<tbody>
<tr>
<td>Union Church trib</td>
<td>Non Attaining</td>
<td>Insufficient Data</td>
<td>Attaining</td>
<td>Non Attaining</td>
<td>NA</td>
<td>Insufficient Data</td>
</tr>
<tr>
<td>Delawanna Creek (incl UDRV)</td>
<td>Non Attaining</td>
<td>Non Attaining</td>
<td>Non Attaining</td>
<td>Insufficient Data</td>
<td>NA</td>
<td>Non Attaining</td>
</tr>
<tr>
<td>Honey Run</td>
<td>Non Attaining</td>
<td>Non Attaining</td>
<td>Attaining</td>
<td>Non Attaining</td>
<td>NA</td>
<td>Insufficient Data</td>
</tr>
<tr>
<td>Pequest R (Drag Strip--below Bear Swamp)</td>
<td>Non Attaining</td>
<td>NA</td>
<td>Insufficient Data</td>
<td>Non Attaining</td>
<td>NA</td>
<td>Insufficient Data</td>
</tr>
<tr>
<td>Beaver Brook (below Hope Village)</td>
<td>Attaining</td>
<td>NA</td>
<td>Attaining</td>
<td>Insufficient Data</td>
<td>NA</td>
<td>Insufficient Data</td>
</tr>
<tr>
<td>Mountain Lake Brook</td>
<td>Insufficient Data</td>
<td>Insufficient Data</td>
<td>Attaining</td>
<td>Insufficient Data</td>
<td>NA</td>
<td>Non Attaining</td>
</tr>
<tr>
<td>Beaver Brook (above Hope Village)</td>
<td>Attaining</td>
<td>Insufficient Data</td>
<td>Insufficient Data</td>
<td>Insufficient Data</td>
<td>NA</td>
<td>Insufficient Data</td>
</tr>
</tbody>
</table>
Flooding (Urban Land Cover)

Legend
- Urban Land
- Toll Road
- Interstate
- US Highway
- State Highway
- Impacted Roads

Date: 4/13/2022

Impacted roads show only county level or higher routes in flooding areas.
## Contaminated Sites

### Known Contaminated Sites

<table>
<thead>
<tr>
<th>Density Weighting</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>1</td>
<td>Other</td>
</tr>
<tr>
<td>2</td>
<td></td>
</tr>
</tbody>
</table>

**Legend**

- Counties
- HOPE TWP
- Municipalities

**Date:** 4/12/2022

---

**Counties**

- HOPE TWP
- WARREN

**Municipalities**

- BLAIRSTOWN TWP
- FRELINGHUYSEN TWP
- KNOWLTON TWP
- INDEPENDENCE TWP
- LIBERTY TWP
- WHITE TWP
Traffic

<table>
<thead>
<tr>
<th>Legend</th>
<th>Daily Traffic Volume</th>
<th>Receptors</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Counties</td>
<td></td>
<td>Childcare</td>
<td>0</td>
</tr>
<tr>
<td>HOPE TWP</td>
<td></td>
<td>School</td>
<td>0</td>
</tr>
<tr>
<td>1000 ft. Road Buffer</td>
<td></td>
<td>Population</td>
<td>89</td>
</tr>
</tbody>
</table>

Date: 4/19/2022

<table>
<thead>
<tr>
<th>Miles</th>
<th>0</th>
<th>0.375</th>
<th>0.75</th>
</tr>
</thead>
</table>

- Counties
- HOPE TWP
- 1000 ft. Road Buffer

Date: 4/19/2022

- Childcare Count: 0
- School Count: 0
- Population Count: 89

Legend:
- Counties
- HOPE TWP
- 1000 ft. Road Buffer
Age of Housing

Legend
- Counties
- Municipalities
- HOPE TWP

Year House Constructed
- Pre 1950
- Between 1951 and 1978
- After 1978
- Unknown

Date: 4/13/2022

Miles

Counties
- HOPE TWP

Municipalities
- BLAIRSTOWN TWP
- FRELINGHUYSEN TWP
- KNOWLTON TWP
- INDEPENDENCE TWP
- LIBERTY TWP
- WHITE TWP
Asthma (Emergency Department)

Legend

- Municipalities
- Hope Twp

State Comparison

- Above
- Below
- No Difference
- Suppressed

Age-adjusted Rate per 10,000 People 2016 to 2019

Emergency Department Visits for Asthma

Date: 4/12/2022

Miles

---

HARMONY TWP

FRANKLIN TWP

HARDWICK TWP

KNOWLTON TWP

ALLAMUCHY TWP

LIBERTY TWP

INDEPENDENCE TWP

WASHINGTON TWP

LOPATCONG TWP

GREENWICH TWP

POHATCONG TWP

WHITE TWP

OXFORD TWP

MANSFIELD TWP

WARMINGTON TWP

FRELINGHUYSEN TWP

INDEPENDENCE TWP

HOPE TWP

BLAIRSTOWN TWP

Municipalities

Hope Twp

Above

Below

No Difference

Suppressed

---

Warren

Hope Twp

Asthma (Emergency Department)
Heart Attack (AMI) (Inpatient)

**State Comparison**

<table>
<thead>
<tr>
<th>Municipality</th>
<th>Above</th>
<th>Below</th>
<th>No Difference</th>
<th>Suppressed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hope Twp</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Warren</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Legend**
- Municipalities
- Hope Twp

**Warren**

Age-adjusted Rate per 10,000 People 2016 to 2019
Inpatient Visits for AMI (Acute Myocardial Infarction)

Date: 4/11/2022
Heart Disease Deaths

Hope Twp

Legend
- Municipalities
- Hope Twp

State Comparison
- Above
- Below
- No Difference
- Suppressed

Warren

Age-adjusted Death Rate per 100,000 People 2015 to 2019

Deaths for Heart Disease

Date: 4/16/2022

Miles

Hope Twp

- HARDWICK TWP
- BLAIRSTOWN TWP
- FRELINGHUYSSEN TWP
- KNOWLTON TWP
- HOPE TWP
- INDEPENDENCE TWP
- WHITE TWP
- OXFORD TWP
- HARMONY TWP
- WASHINGTON TWP
- FRANKLIN TWP
- POHATCONG TWP
- LOPATCONG TWP
- GREENWICH TWP

State Comparison Legend
- Above
- Below
- No Difference
- Suppressed

Map showing municipalities in Warren County with color-coded information on heart disease deaths.
Lung Cancer Deaths

State Comparison

Legend

- Municipalities
- Above
- Below
- No Difference
- Suppressed

Hope Twp

Warren

Age-adjusted Death Rate
per 100,000 People
2015 to 2019
Deaths for Lung Cancer

Date: 4/17/2022

Deaths for Lung Cancer

Municipalities

Above
Below
No Difference
Suppressed

Hope Twp
Heat Related Illness (Emergency Department)

**Legend**
- Municipalities
- Hope Twp

**State Comparison**
- Above
- Below
- No Difference
- Suppressed

**Warren**

Age-adjusted Rate per 10,000 People 2016 to 2019
Emergency Department Visits for Heat Related Illness

Date: 4/14/2022

**Municipalities**
- Hope Twp
- Warren