Air Non Cancer

Legend

- Counties
- LIBERTY TWP

Combined Hazard Index

- 2.01 - 3.00
- 0.75 - 1.00
- 3.01 - 4.00
- 1.01 - 2.00
- 4.01 - 8.09

Date: 4/11/2022

Miles

Counts

- HARMONY TWP
- LIBERTY TWP
- WHITE TWP
- MANSFIELD TWP
- HARMONY TWP
- LOPATCONG TWP
- FREEHOLD TWP
- PUNBorough TWP
- HOPE TWP
- INDEPENDENCE TWP
- WARREN

Combined Hazard Index

- 0.75 - 1.00
- 1.01 - 2.00
- 2.01 - 3.00
- 3.01 - 4.00
- 4.01 - 8.09
## Surface Water Quality

### Legend

- **Counties**
- **Municipalities**
- **LIBERTY TWP**

### Impaired (Percent)

<table>
<thead>
<tr>
<th>Percentage</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>NA</td>
</tr>
<tr>
<td>20</td>
<td>Light yellow</td>
</tr>
<tr>
<td>25</td>
<td>Yellow</td>
</tr>
<tr>
<td>33</td>
<td>Green</td>
</tr>
<tr>
<td>40</td>
<td>Green</td>
</tr>
<tr>
<td>50</td>
<td>Green</td>
</tr>
<tr>
<td>60</td>
<td>Green</td>
</tr>
<tr>
<td>66</td>
<td>Green</td>
</tr>
<tr>
<td>75</td>
<td>Green</td>
</tr>
<tr>
<td>80</td>
<td>Blue</td>
</tr>
<tr>
<td>100</td>
<td>Dark blue</td>
</tr>
</tbody>
</table>

### Date: 4/13/2022

**Miles**

- 0
- 0.75
- 1.5

### Municipalities

- ALLAMUCHY TWP
- BELVIDERE TOWN
- BELVIDERE TOWN
- BLAIRSTOWN TWP
- BLAIRSTOWN TWP
- HOPE TWP
- HOPE TWP
- INDEPENDENCE TWP
- INDEPENDENCE TWP
- KNOWLTON TWP
- KNOWLTON TWP
- LIBERTY TWP
- LIBERTY TWP
- MANSFIELD TWP
- MANSFIELD TWP
- WARREN
- WARREN
- WHITE TWP
- WHITE TWP
- WASHINGTON TWP
- WASHINGTON TWP
- WASHINGTON TWP
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 shows 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>Pequest R (Furnace Bk to Cemetery Road)</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 (below Furnace Brook)</td>
<td>Non Attaining</td>
<td>Non Attaining</td>
<td>Non Attaining</td>
<td>Non Attaining</td>
<td>NA</td>
<td>Insufficient Data</td>
</tr>
<tr>
<td>Pequest H (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>
</tbody>
</table>
Air Permit Sources

Legend

- Counties
- LIBERTY TWP

Facility Type

- Major
- Minor

Date: 4/12/2022

0 0.275 0.55
Miles

LIBERTY TWP

HOPE TWP

INDEPENDENCE TWP

WHITE TWP

MANSFIELD TWP

OXFORD TWP

Legend

COUNTIES

LIBERTY TWP

Facility Type

- Major
- Minor

Date: 4/12/2022

0 0.275 0.55
Miles
Contaminated Sites

Legend
- Counties
- LIBERTY TWP
- Municipalities

Known Contaminated Sites
Density Weighting
- 0
- 1
- 2
- 3

Date: 4/12/2022

Miles
Legend

- Open Space
- Counties
- Residential Population
  > 1/4 Mile from Open Space

Date: 4/12/2022

Miles

0 0.275 0.55
Low Birth Weight

State Comparison

Liberty Twp

Municipalities

Liberty Twp

Legend

Above

Below

No Difference

Suppressed

Date: 4/16/2022

Birth Rate
Low Birth Weight
(% All Births < 5 lb, 8 oz)
2016 to 2020

Warren

State Comparison

Legend

Municipalities

Liberty Twp

Above

Below

No Difference

Suppressed

Date: 4/16/2022

Birth Rate
Low Birth Weight
(% All Births < 5 lb, 8 oz)
2016 to 2020

Liberty Twp
Asthma (Emergency Department)

Liberty Twp

Legend

- Municipalities
- Liberty Twp

State Comparison

- Above
- Below
- No Difference
- Suppressed

State Comparison for Asthma

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

Emergency Department Visits for Asthma

Date: 4/12/2022

Legend

- Municipalities
- Liberty Twp

Map showing various municipalities and their comparison to the state average for emergency department visits for asthma.
Heart Attack (AMI) (Inpatient)

**State Comparison**

- **Legend**
  - Municipalities
  - Liberty Twp

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

**Warren**

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

Date: 4/11/2022

0 1.75 3.5 Miles

Legend:
- Municipalities
- Liberty Twp
Heart Disease Deaths

Liberty Twp

Municipalities

Legend

- Above
- Below
- No Difference
- Suppressed

State Comparison

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

Deaths for Heart Disease

Date: 4/16/2022

Liberty Twp

Miles

Legend

- Municipalities
- Liberty Twp
Stroke (Inpatient)

State Comparison

Legend
- Municipalities
- Liberty Twp

State Comparison

Liberty Twp

Warren

Age-adjusted Rate per 10,000 People
2016 to 2019
Inpatient Visits for Stroke

Date: 4/15/2022

Miles

Liberty Twp

- FRELINGHUYSEN TWP
- OXFORD TWP
- INDEPENDENCE TWP
- HARMONY TWP
- POHATCONG TWP
- WASHINGTON TWP
- FRANKLIN TWP
- KNOWLTON TWP
- BLAIRSTOWN TWP
- WHITE TWP
- LOPATCONG TWP
- GREENWICH TWP

Above

Below

No Difference

Suppressed
Smoking Rate Per Municipal % of Adults 2018

Liberty Twp
- Harmonia Twp
- Independence Twp
- Knowlton Twp
- Blairstown Twp
- White Twp
- Washington Twp
- Franklin Twp
- Pomona Twp
- Greenwic Twp
- Lopatcong Twp
- Manfield Twp
- Allamuchy Twp
- Oxford Twp
- Hope Twp
- Liberty Twp
- Frelighusen Twp
- Washington Twp
- Independence Twp
- Liberty Twp
- Warren

Legend
- Municipalities
- Liberty Twp

State Comparison
- Above
- Below
- No Difference
- Suppressed

Date: 4/14/2022
0 2 4
Miles
Heat Related Illness (Emergency Department)

State Comparison

Liberty Twp

Legend

- White: Municipalities
- Pink: Liberty Twp

- Blue: Above
- Yellow: Below
- Light Blue: No Difference
- Gray: Suppressed

State Comparison

Age-adjusted Rate per 10,000 People 2016 to 2019
Emergency Department Visits for Heat Related Illness
Date: 4/14/2022

Liberty Twp