Groundwater Center

Door County

ALKALINITY (ppm CaCO3)

<table>
<thead>
<tr>
<th>Range</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 50</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>51 - 100</td>
<td></td>
<td>0</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>101 - 200</td>
<td></td>
<td></td>
<td>0</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>201 - 300</td>
<td></td>
<td></td>
<td></td>
<td>87</td>
<td>81</td>
<td></td>
</tr>
<tr>
<td>301 - 400</td>
<td></td>
<td></td>
<td>19</td>
<td>18</td>
<td></td>
<td></td>
</tr>
<tr>
<td>401 - 500</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>0</td>
</tr>
<tr>
<td>501 - 1000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Mapped value is the average.
Treated samples not mapped.
ARSENIC (mg/l)
Maximum value for the 1/4 1/4 section.

- None Detected: 52, 52%
- ... 0.010: 48, 48%
- 0.011 - 0.050: 0, 0%
- 0.051 - 0.100: 0, 0%
- 0.101 - 0.150: 0, 0%
- 0.151 ...: 0, 0%
Egg Harbor - Baileys Harbor
Door County  August 2013

BACTERIA POSITIVE
Any sample in the 1/4 1/4 section.
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Door County

Depth to Bedrock:
- within 5 ft - more than 70% of area
- within 5 ft - 35 to 70% of area
- 5 to 50 ft
- 50 to 100 ft
- greater than 100 ft

Egg Harbor - Baileys Harbor
Door County  August 2013
Egg Harbor - Baileys Harbor
Door County August 2013

Bedrock:
- Silurian dolomite
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Door County

CALCIUM (mg/l)

<table>
<thead>
<tr>
<th>Range</th>
<th>Mapped Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>None Detected</td>
<td>5</td>
</tr>
<tr>
<td>5 - 25</td>
<td>19</td>
</tr>
<tr>
<td>26 - 50</td>
<td>5</td>
</tr>
<tr>
<td>51 - 75</td>
<td>54</td>
</tr>
<tr>
<td>76 - 100</td>
<td>12</td>
</tr>
<tr>
<td>101 -</td>
<td>5</td>
</tr>
</tbody>
</table>

Mapped value is the average.

Treated samples not mapped.
Groundwater Center
Door County

CHLORIDE (ppm)

Egg Harbor - Baileys Harbor
Door County  August 2013

CHLORIDE (ppm)

A  None Detected  0  0 %
B  ... 10  46  43 %
C  11 - 50  61  57 %
D  51 - 100  0  0 %
E  101 - 200  0  0 %
F  201 ...  0  0 %

Mapped value is the average.
Treated samples not mapped.
Egg Harbor - Baileys Harbor
Door County  August 2013

CONDUCTIVITY (umhos/cm)

- A 100 1 <1 %
- B 101 - 250 0 0 %
- C 251 - 500 23 22 %
- D 501 - 750 75 71 %
- E 751 - 1000 0 0 %
- F 1001 … 7 7 %

Mapped value is the average.
Treated samples not mapped.
Groundwater Center
Door County

COPPER (mg/l)

- None Detected
- ... 0.130
- 0.131 - 0.500
- 0.501 - 0.900
- 0.901 - 1.300
- 1.301 ...

Egg Harbor - Baileys Harbor
Door County  August 2013

Mapped value is the average.
Treated samples not mapped.
Door County
August 2013
Egg Harbor - Baileys Harbor

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**DACT (ug/l)**
Maximum value for the 1/4 1/4 section.

- **None Detected**: 89, 94%
- **0.4 - 1.0**: 6, 6%
- **1.1 - 2.0**: 0, 0%
- **2.1 - 3.0**: 0, 0%
- **3.1 ...**: 0, 0%
Groundwater Center

Door County

Iron (mg/l) Concentrations

<table>
<thead>
<tr>
<th>Range</th>
<th>Door County</th>
<th>August 2013</th>
</tr>
</thead>
<tbody>
<tr>
<td>None Detected</td>
<td>0 0</td>
<td>0 0 %</td>
</tr>
<tr>
<td>... 0.300</td>
<td>95 95</td>
<td>95 %</td>
</tr>
<tr>
<td>0.301 - 1.000</td>
<td>4 4</td>
<td>4 %</td>
</tr>
<tr>
<td>1.001 - 2.000</td>
<td>1 1</td>
<td>1 %</td>
</tr>
<tr>
<td>2.001 - 5.000</td>
<td>0 0</td>
<td>0 %</td>
</tr>
<tr>
<td>5.001 ...</td>
<td>0 0</td>
<td>0 %</td>
</tr>
</tbody>
</table>

Mapped value is the average.
Treated samples not mapped.
Groundwater Center
Door County
POTASSIUM (mg/l)

<table>
<thead>
<tr>
<th>Range</th>
<th>Count</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>None Detected</td>
<td>3</td>
<td>3%</td>
</tr>
<tr>
<td>... 20</td>
<td>97</td>
<td>97%</td>
</tr>
<tr>
<td>21 - 40</td>
<td>0</td>
<td>0%</td>
</tr>
<tr>
<td>41 - 60</td>
<td>0</td>
<td>0%</td>
</tr>
<tr>
<td>61 - 80</td>
<td>0</td>
<td>0%</td>
</tr>
<tr>
<td>81 …</td>
<td>0</td>
<td>0%</td>
</tr>
</tbody>
</table>

Mapped value is the average.
Treated samples not mapped.
Groundwater Center

Door County

MAGNESIUM (mg/l)

<table>
<thead>
<tr>
<th>Range</th>
<th>Count</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>None Detected</td>
<td>11</td>
<td>11%</td>
</tr>
<tr>
<td>0 - 20</td>
<td>14</td>
<td>14%</td>
</tr>
<tr>
<td>21 - 40</td>
<td>65</td>
<td>65%</td>
</tr>
<tr>
<td>41 - 60</td>
<td>8</td>
<td>8%</td>
</tr>
<tr>
<td>61 - 80</td>
<td>1</td>
<td>1%</td>
</tr>
</tbody>
</table>

Mapped value is the average.
Treated samples not mapped.
Egg Harbor - Baileys Harbor
Door County  August 2013

**MANGANESE (mg/l)**

- **A** None Detected 38 38%
- **B** 0.050 61 61%
- **C** 0.051 - 0.300 0 0%
- **D** 0.301 - 0.500 1 1%
- **E** 0.501 - 1.000 0 0%
- **F** 1.001 ... 0 0%

Mapped value is the average.
Treated samples not mapped.
SODIUM (mg/l)

<table>
<thead>
<tr>
<th>Level</th>
<th>Count</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>None Detected</td>
<td>1</td>
<td>1%</td>
</tr>
<tr>
<td>… 25</td>
<td>75</td>
<td>75%</td>
</tr>
<tr>
<td>26 - 50</td>
<td>3</td>
<td>3%</td>
</tr>
<tr>
<td>51 - 75</td>
<td>1</td>
<td>1%</td>
</tr>
<tr>
<td>76 - 100</td>
<td>2</td>
<td>2%</td>
</tr>
<tr>
<td>101 …</td>
<td>18</td>
<td>18%</td>
</tr>
</tbody>
</table>

Mapped value is the average.
Treated samples not mapped.
Egg Harbor - Baileys Harbor
Door County  August 2013

NITRATE-NITRITE (ppm N)

- A  None Detected  34  32%
- B  ... 2.0  39  36%
- C  2.1 - 5.0  30  28%
- D  5.1 - 10.0  4  4%
- E  10.1 - 20.0  0  0%
- F  20.1 ...  0  0%

Mapped value is the average.
Treated samples not mapped.
Egg Harbor - Baileys Harbor
Door County  August 2013

LEAD (mg/l)

<table>
<thead>
<tr>
<th>Range</th>
<th>Count</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>None Detected</td>
<td>54</td>
<td>54 %</td>
</tr>
<tr>
<td>... 0.015</td>
<td>42</td>
<td>42 %</td>
</tr>
<tr>
<td>0.016 - 0.025</td>
<td>2</td>
<td>2 %</td>
</tr>
<tr>
<td>0.026 - 0.050</td>
<td>2</td>
<td>2 %</td>
</tr>
<tr>
<td>0.051 - 0.100</td>
<td>0</td>
<td>0 %</td>
</tr>
<tr>
<td>0.101 ...</td>
<td>0</td>
<td>0 %</td>
</tr>
</tbody>
</table>

Mapped value is the average.
Treated samples not mapped.
Door County

Groundwater Center

Egg Harbor - Baileys Harbor
Door County August 2013

<table>
<thead>
<tr>
<th>pH</th>
<th>Value Range</th>
<th>Number</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>&lt; 5.00</td>
<td>0</td>
<td>0%</td>
</tr>
<tr>
<td>B</td>
<td>5.01 - 6.00</td>
<td>0</td>
<td>0%</td>
</tr>
<tr>
<td>C</td>
<td>6.01 - 7.00</td>
<td>0</td>
<td>0%</td>
</tr>
<tr>
<td>D</td>
<td>7.01 - 8.00</td>
<td>68</td>
<td>64%</td>
</tr>
<tr>
<td>E</td>
<td>8.01 - 9.00</td>
<td>39</td>
<td>36%</td>
</tr>
<tr>
<td>F</td>
<td>&gt; 9.01</td>
<td>0</td>
<td>0%</td>
</tr>
</tbody>
</table>

Mapped value is the average.
Treated samples not mapped.
Groundwater Center

Door County

Egg Harbor - Baileys Harbor
Door County  August 2013

SI (Saturation Index)

-3.0 0 0%
-2.9 -2.0 1 <1%
-1.9 -1.0 2 2%
-0.9 0.0 0 0%
0.1 -1.0 103 96%
1.1 ... 1 <1%

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Treated samples not mapped.
Groundwater Center

Door County

SULFATE (mg/l)

<table>
<thead>
<tr>
<th>Range</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>None Detected</td>
<td>1</td>
</tr>
<tr>
<td>0 - 25</td>
<td>81</td>
</tr>
<tr>
<td>26 - 50</td>
<td>9</td>
</tr>
<tr>
<td>51 - 75</td>
<td>1</td>
</tr>
<tr>
<td>76 - 100</td>
<td>0</td>
</tr>
<tr>
<td>101 - 200</td>
<td>8</td>
</tr>
</tbody>
</table>

Egg Harbor - Baileys Harbor
Door County August 2013

Mapped value is the average.
Treated samples not mapped.
Egg Harbor - Baileys Harbor
Door County  August 2013

TOTAL HARDNESS (ppm CaCO3)

- A: ... 50  8%  7%
- B: 51 - 100  1%  <1%
- C: 101 - 200  0%  0%
- D: 201 - 300  26%  24%
- E: 301 - 400  63%  59%
- F: 401 ...  9%  8%

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Treated samples not mapped.
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Door County

DEPTH OF WELL (ft)

<table>
<thead>
<tr>
<th>Depth Range</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>... 25</td>
<td>2%</td>
</tr>
<tr>
<td>26-50</td>
<td>0%</td>
</tr>
<tr>
<td>51-100</td>
<td>&lt;1%</td>
</tr>
<tr>
<td>101-150</td>
<td>&lt;1%</td>
</tr>
<tr>
<td>151-200</td>
<td>10%</td>
</tr>
<tr>
<td>201 ...</td>
<td>30%</td>
</tr>
</tbody>
</table>

Mapped value is the average.

Door County   August 2013

Egg Harbor - Baileys Harbor
Groundwater Center
Door County

ZINC (mg/l)

None Detected
... 0.100
0.101 - 0.500
0.501 - 1.000
1.001 - 5.000
5.001 ...

5
44
22
10
19
0

5 %
44 %
22 %
10 %
19 %
0 %

Mapped value is the average.
Treated samples not mapped.

Egg Harbor - Baileys Harbor
Door County  August 2013