DATE: October 18, 2007

AQUIFER MAPPER:

AQUIFER LOCATION: Newton Upland

AQUIFER NUMBER: 0061

NTS MAP SHEET: 092G/2

BCGS TRIM Maps (1:20,000):

CLASSIFICATION: III C  
RANKING: 9

Aquifer Size: 120 km²

Aquifer Boundaries:

Geologic Formation (overlying):

Geologic Formation (aquifer): Vashon glacial till and fluvial sediments.

Major Aquifer System Type: 4b. Confined sand and gravel aquifers of glacial or pre-glacial origin (glaciofluvial or glaciolacustrine)

Confined/Unconfined: Confined to unconfined.

Vulnerability: Low

Productivity: High

Depth to Water Table: Depth to water values for 705 wells range from 236 ft to 1 ft with a geometric mean of 22 ft. The median and average depth to water is 15 ft and 27 ft respectively.

Direction of Groundwater Flow:

Recharge:

Domestic Well Density:
**Type of Water Use:** Non-drinking water. Commercial and industrial well development.

**Reliance on Source:** Demand on the aquifer is low.

**Conflicts Between Users:**

**Quantity Concerns (type, source, level of concern):** None documented

**Quality Concerns (type, source, level of concern):** None documented.

**Comments:**


**References:**
AQUIFER CLASSIFICATION AND RANKING

AQUIFER LOCATION: Newton Upland

AQUIFER NUMBER: 0061

CLASSIFICATION: III C | RANKING VALUE: 9

Classification Component:

Level of Development: Low

Level of Vulnerability: Low

Ranking Component:

<table>
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<tr>
<th>Ranking Value</th>
<th>Productivity:</th>
<th>Vulnerability:</th>
<th>Size:</th>
<th>Demand:</th>
<th>Type of Use:</th>
<th>Quality Concerns:</th>
<th>Quantity Concerns</th>
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Statistical Summary of Well Record Data for Aquifer # 0061

<table>
<thead>
<tr>
<th>Number of Wells</th>
<th>Well Depth (ft)</th>
<th>Depth to Water (ft)</th>
<th>Depth to Bedrock (ft)</th>
<th>Reported Well Yield (gpm)</th>
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<tbody>
<tr>
<td>Maximum</td>
<td>534</td>
<td>236</td>
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<td>Minimum</td>
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<td>Average</td>
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<td>Median</td>
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<tr>
<td>Geometric Mean</td>
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<td>22</td>
<td>UNK</td>
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