INDEPENDENT PERFORMANCE TESTS

CanadianPond.ca Products Ltd. retained GSEE Inc., leading American experts on water aeration, to performance test its proprietary ½"¹ and ¾"² Bubble Tubing™ and OctoAir-10™ aeration devices. The test results are summarized as follows:

1/2" Bubble Tubing™, SCFM vs. SAE          Page 2
1/2" Bubble Tubing™, SCFM vs. SOTR          Page 3
1/2" Bubble Tubing™, SOTR vs. SAE           Page 4
3/4" Bubble Tubing™, SCFM vs. SAE           Page 5
3/4" Bubble Tubing™, SOTR vs. SAE           Page 6
OctoAir-10™, SCFM vs. SAE                   Page 7
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OctoAir-10™, SOTR vs. SAE                   Page 9

The following further summarizes key test results:

1. SOTR increases, but less than proportionally so, with:
   a. Increasing airflow, and
   b. Increasing air release depth.
2. SOTE and Aerator Efficiency decrease, but less than proportionally so, with increasing airflow.
3. SOTE increases, but less than proportionally so, with air release depth.
4. Aerator Efficiency is only marginally influenced by air release depth.

GSEE concludes:

“Overall, the results obtained for the CanadianPond.ca Products Ltd. aeration systems were uniformly excellent and produced some of the highest SOTE values GSEE, Inc. has observed.”

¹ 0.575”/ 1.5cm I.D.
² 0.825” / 2.1cm I.D.
1/2" (1.5cm) Bubble Tubing™ -- Summary of Independent Test Results
Air Flow vs. Aerator Efficiency

Estimated Aerator Efficiency in Kg O₂ / Hr / Kw

Average Air Flow in Nm³/h (normal cubic meters per hour)

1.5m Depth  3.0m Depth  4.6m Depth

Log. (1.5m Depth)  Log. (3.0m Depth)  Log. (4.6m Depth)
1/2" (1.5cm) Bubble Tubing™ -- Summary of Independent Test Results
Nm³/h / 30.2m length of Bubble Tubing™ vs. SOTR

![Graph showing SOTR vs. Average Air Flow]

- 1.5m Depth
- 3.0m Depth
- 4.6m Depth
- Linear (1.5m Depth)
- Linear (3.0m Depth)
- Linear (4.6m Depth)
1/2" (1.5cm) Bubble Tubing™ -- Independent Test Results
SOTR / 30.2m of Bubble Tubing™ vs. Aerator Efficiency

SOTR (standard oxygen transfer rate) in g O₂ / Hr

Estimated Aerator Efficiency in Kg O₂ / Hr / Kw

1.5m Depth  3.0m Depth  4.6m Depth  Log. (1.5m Depth)  Log. (3.0m Depth)  Log. (4.6m Depth)
3/4" (2.1cm) Bubble Tubing™ -- Summary of Independent Test Results
Air Flow vs. Aerator Efficiency

Estimated Aerator Efficiency in Kg O₂/Hr / Kw

Average Air Flow in Nm³/h (normal cubic meters per hour)

1.6m Depth  3.0m Depth  4.6m Depth  Log. (1.6m Depth)  Log. (3.0m Depth)  Log. (4.6m Depth)
3/4" (2.1cm) Bubble Tubing™ -- Independent Test Results
SOTR / 100' of Bubble Tubing™ vs. Aerator Efficiency
OctoAir-10™ -- Summary of Independent Test Results
Air Flow vs. Aerator Efficiency

Estimated Aerator Efficiency in Kg O₂/Hr/Kw

<table>
<thead>
<tr>
<th>Depth</th>
<th>Efficiency</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.5m</td>
<td>5.5</td>
</tr>
<tr>
<td>3.0m</td>
<td>4.5</td>
</tr>
<tr>
<td>4.6m</td>
<td>3.5</td>
</tr>
</tbody>
</table>

1.5m Depth  3.0m Depth  4.6m Depth  Log. (1.5m Depth)  Log. (3.0m Depth)  Log. (4.6m Depth)

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OctoAir-10™ -- Independent Test Results
SOTR / unit vs. Aerator Efficiency

Estimated Aerator Efficiency in Kg O₂ / Hr / Kw

SOTR (standard oxygen transfer rate) in g O₂ / Hr

Legend:
- 1.5m Depth
- 3.0m Depth
- 4.6m Depth
- Log. (1.5m Depth)
- Log. (3.0m Depth)
- Log. (4.6m Depth)

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