Barnegat Bay-Friendly
Golf Course Certification Program

Businesses for a Better Barnegat Bay

Thank you for your interest in becoming a Certified, Barnegat Bay-Friendly Golf Course. This American Littoral Society program is open to golf courses in the Barnegat Bay watershed, which includes all of Ocean County as well as Millstone, Freehold, and Howell Townships in Monmouth County. The certification process provides an opportunity for golf courses to reduce non-point source pollution going into Barnegat Bay by implementing bay-friendly management practices and by setting an example for others to follow. You will probably find that you already use many of these practices.

This program is funded by a NJDEP Clean Water Act grant, which enables us to offer the certification process for no charge through November 1, 2014. After that, a $200 fee plus cost of signage will apply.

To become certified, complete the attached form and calculate the number of points for your current management practices. Based on your points, you can be certified at one of the following levels, each with its own benefits:

**BRONZE**

70 – 79 Points

- Recognition on American Littoral Society’s website
- Article in Society newsletter recognizing achievement
- Guidance for achieving higher certification level

**SILVER**

80 – 89 Points

- Recognition on American Littoral Society’s website
- Article in Society newsletter recognizing achievement
- Local Press release and press event
- Framed certificate for display

**GOLD**

90 – 100 Points

- Recognition on American Littoral Society’s website & Businesses for a Better Barnegat Bay site
- Article in Society newsletter recognizing achievement
- Local and National press release plus event in cooperation with GCSAA
- Framed certificate plus outdoor signage for placement at clubhouse or first tee

Submit your completed form and any accompanying documents to: Helen Henderson, American Littoral Society, 18 Hartshorne Drive, Suite 1, Highlands, NJ 07732. For more information, contact Helen at Helen@littoralsociety.org or 732-575-5701.
Barnegat Bay-Friendly Golf Course Certification Program

Businesses for a Better Barnegat Bay

Date Completed: ___________________________

Golf Course: _______________________________________________________________________________________

Address: ___________________________________________________________________________________________

Watershed (HUC 14): ________________________________________________________________________________

Superintendent: ____________________________________________________________________________________

Golf Course Manager: ________________________________________________________________________________

Coordinator/Contact for Bay-Friendly Program: _______________________________________________________________________________________

Phone: _____________________ Fax: _____________________ E-Mail _______________________________________

I certify that the information provided below is accurate as of the date I signed this certification document.

______________________________________________________________________________
Superintendent’s Signature                                                                                         Date Signed

COURSE DESCRIPTION

Our golf course can best be described as: (Please check)

☐ Private ☐ Semi-Private ☐ Municipal ☐ County ☐ Residential ☐ Other: ________________________________

Course: ☐ 18 Hole ☐ 9 Hole Year course constructed _________

Number of year-round maintenance staff _____ Number of seasonal staff _____

Our course includes the following areas by the acreage shown:

Total Property Area _____

Building Area / Impervious Cover _____ Greens and Tee Box Area _____

Irrigated Turf Area_____ Non-irrigated Turf Area_______

Irrigated Rough Area____ Non-irrigated Rough Area_____

Meadow Area ______ Forested Area ______ Wetland Area ______ Water bodies ______
COURSE DESCRIPTION (CONT.)

We hope to accomplish the following projects during participation in the Bay-Friendly program:

__________________________________________________________________________________________________
__________________________________________________________________________________________________
__________________________________________________________________________________________________

GENERAL COURSE INFORMATION

At our golf course we (please check all that apply)

<table>
<thead>
<tr>
<th>POINTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>□ Utilize IPM to diagnose and correct a turf issue</td>
</tr>
<tr>
<td>□ Consult the short and long range weather forecast for irrigation decision-making</td>
</tr>
<tr>
<td>□ Change irrigation practices to solve a turf problem</td>
</tr>
<tr>
<td>□ Use drought tolerant turf varieties</td>
</tr>
<tr>
<td>□ Have no-mow areas that cover ________ acres of our total site acreage of ________ (if greater than 10% of total acreage, add 1 extra point)</td>
</tr>
<tr>
<td>□ Have no-spray areas that cover ________ acres of our total site acreage of ________ (if greater than 10% of total acreage, add 1 extra point)</td>
</tr>
<tr>
<td>□ Maintain Stream Buffers that extend ________ linear feet and are ________ feet wide</td>
</tr>
<tr>
<td>□ Implement the following beneficial reuse/grey water practices:</td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>
## SOIL PRACTICES

The following characterizes our golf course’s soil: (2 points for completing this section)

<table>
<thead>
<tr>
<th></th>
<th>Greens</th>
<th>Tees</th>
<th>Fairways</th>
<th>Roughs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Texture</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Topsoil Depth</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>pH</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phosphorous levels</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nitrogen levels</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Potassium levels</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Moisture/Drainage</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

We have the following problems with our soil (Please check all that apply)

- [ ] Growing specific turf: Type & Location
- [ ] Specific Disease: Type & Location
- [ ] Pest problems: Type & Location

- [ ] We perform annual soil tests
- [ ] We have performed a soil physical properties test
- [ ] We monitor soil temperature

**Total Soil Practices Points (possible 10)**
The current water quality of the streams and ponds on (or near) our course is

- Poor
- Fair
- Good
- Excellent

We have the following water quality problems (e.g. algal blooms, pollution, geese, etc.)

_____________________________________________________________________________________________
_____________________________________________________________________________________________

We have identified the following potential sources or causes (include explanation)

_____________________________________________________________________________________________
_____________________________________________________________________________________________

**Water Quality**

- We use a pond management service
  - 1
- We treat runoff flow before it enters streams or ponds (i.e. natural buffers, swales)
  - 3
- We perform water quality analysis tests yearly
  - 2

Explanation
_____________________________________________________________________________________________

**Water Use and Conservation**

- We have a drought management plan and enclose a copy with this application

- The average water usage on our course is: Peak summer usage _________  Winter usage _________

- Our course has a water use reduction program. Copy attached or Details provided below
  - 2

_____________________________________________________________________________________________
_____________________________________________________________________________________________
_____________________________________________________________________________________________
_____________________________________________________________________________________________
### Water Use and Conservation (Cont.)

<table>
<thead>
<tr>
<th>Points</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>We perform irrigation suitability tests yearly and attach a copy</td>
</tr>
<tr>
<td>2</td>
<td>We consult a 3-to-5-day weather forecast when scheduling irrigation</td>
</tr>
<tr>
<td>2</td>
<td>We collect rainwater for irrigation</td>
</tr>
<tr>
<td>2</td>
<td>We irrigate deeply and frequently</td>
</tr>
<tr>
<td>1</td>
<td>We use a rain gauge and/or use ET rates to assist with water management decisions</td>
</tr>
<tr>
<td>1</td>
<td>We use soil moisture sensors</td>
</tr>
<tr>
<td>2</td>
<td>We irrigate for playability rather than for color</td>
</tr>
</tbody>
</table>

**TOTAL WATER MANAGEMENT POINTS (Possible 20)**

### TURF MANAGEMENT

**Pesticides/IPM Chemical Use:** When a pesticide is needed, we _ (Please check all that apply)

<table>
<thead>
<tr>
<th>Points</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Use a biological or organic product</td>
</tr>
<tr>
<td>1</td>
<td>Use a product with low toxicity (% active ingredient or low rate)</td>
</tr>
<tr>
<td>1</td>
<td>Use a product with low solubility</td>
</tr>
<tr>
<td>2</td>
<td>Rotate products with different modes of action? (I.e. Class of Chemistry)</td>
</tr>
<tr>
<td>2</td>
<td>Create a sustainable damage threshold for a pest/pathogen</td>
</tr>
<tr>
<td>2</td>
<td>Use endophyte (disease resistant) enhanced seeds</td>
</tr>
</tbody>
</table>
Turf Management – Fertilizer Use

- We have a nutrient management plan and enclose a copy □ 3
- We have a plan for reduction of fertilizer use on:
  - Greens □ 1
  - Tees □ 1
  - Fairways □ 1
  - Roughs □ 1
  - Other Areas/Club Lawns □ 1
- We use slow release fertilizers □ 1
- We use organic fertilizers □ 2
- We have buffer zones around water bodies where fertilizer is not used □ 3
- We use grasses or seeds that require less fertilizer (i.e. Tall Fescue vs. Kentucky Blue grass) □ 2
- We use bio-stimulants to supplement fertilizer (seaweed, beneficial bacteria, etc.) □ 2

Turf Management - General

- We alternate mowing and rolling to limit plant stress □ 1
- We mow fairways and trees less to reduce plant stress and fuel use □ 1
- We vent turf areas □ 1
- We aerate turf areas located near water features □ 1

Total Turf Management Points (possible 32)

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CULTURAL PRACTICES

Cultural Practices – Waste

- We compost organic waste □ 2
- We reuse composted organic waste □ 2
- We recycle solid waste □ 1
- We mow tees or fairways without buckets and return clippings to turf □ 2
Cultural Practices – Other

☐ We use native plants on the grounds (i.e. Bayscaping) ☐ 3

☐ We maintain riparian buffers around water features ☐ 3

☐ We have bird houses on our grounds ☐ 1

☐ We have bat houses on our grounds ☐ 2

☐ We control non-migratory wildlife as follows ☐ Geese ☐ Deer ☐ 2

☐ We have performed the following additional habitat enhancement(s):

__________________________________________________________________________________

__________________________________________________________________________________

Total Cultural Practices Points (18 possible)

EDUCATION AND OUTREACH

☐ We will make our survey available to our users ☐ 2

☐ We will provide general environmental information to our users ☐ 2

☐ We will host a presentation for users at our facility ☐ 2

☐ We will plant a “Bayscape for Barnegat Bay” native plant garden at our site ☐ 2

Total Education and Outreach Points (8 possible)

TOTAL POINTS (100 possible)

{70 – 79 = Bronze;  80 – 89 = Silver;  90 – 100 = Gold}
In addition to the information we have provided above, we would also like to share the following comments:

__________________________________________________________________________________________________
__________________________________________________________________________________________________
__________________________________________________________________________________________________
__________________________________________________________________________________________________
__________________________________________________________________________________________________
__________________________________________________________________________________________________
__________________________________________________________________________________________________
__________________________________________________________________________________________________