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| **Educational Program Sheet** |
| **Class Title: Stormwater Management in your Backyard** | **Date(s): Spring 2014** | **Time: TBD** |
| **Instructor: Water Resources Program Associate** | **Affiliation:** Rutgers Cooperative Extension Water Resources Program |
| **Instructional Goal** : Empower participants to educate community about benefits of rain gardens | **Specific topic:** *Circle One:* **Horticulture Wildlife Ecology Sustainability Agro-Ecology**  |
| **Price:** **Duke Farms Staff and Duke Stewards Invited to attend at no Charge** | **Materials Fee (*If Any*)** **Per Person:**  | **Max. Attendance:** | **Min. Attendance:**  | **Age Limit:**  |
| **Outcome** (changes in lives of individuals, families, organizations or community as a result of this program): Participants implement rain gardens within their homes or communities while educating others on how to incorporate stormwater management practices (rain gardens) in their homes. |
| **Relates to DF Mission:** (How?) *Duke Farms Serves as a model of environmental stewardship in the 21st century and inspires visitors to become informed stewards of the land.* Encourages participants to be environmentally aware of water issues and take action in their own communities. | **Relates to Program Mission**: *Teach visitors of all backgrounds to be leaders in environmental stewardship through innovative educational programming and volunteerism, encouraging them to inspire others.*Resources provided to each participant and material available via our website (Rain Garden Manual of New Jersey along with educational program curriculum for children and adults). |
| **Lesson Content** (What’s being taught) (Use separate sheet if necessary)Intended to educated stakeholders about stormwater management. The educational program provides homeowners with the skills needed to install and manage rain gardens. The program also provides homeowners with resources so they can adopt the practice of rain garden installation and help coordinate outreach efforts in their watershed.  |
| **DESCRIPTION FOR WEB:** The goal of the *Stormwater Management in Your Backyard* program is to empower volunteers to educate their communities about the benefits of rain gardens. Rain gardens are specifically designed to manage stormwater runoff, mainly from rooftops, but also from driveways, lawns, roads, and parking lots. Rain gardens look like regular perennial gardens, but they are much more. During a storm, a rain garden fills with water, and the water slowly filters into the ground rather than running into storm sewers.  Compared to a patch of lawn, a rain garden allows about 30% more water to soak into the ground.  Therefore, by capturing stormwater, rain gardens help to reduce nonpoint source pollution (i.e., road sediment/salt, fertilizers, pesticides, bacteria from pet waste, eroded soil, grass clippings, litter, etc.) and help to protect local waterways.  Rain gardens also add beauty to neighborhoods and provide wildlife habitat. **Photos for web:** <http://njaes.rutgers.edu/environment/raingarden-manual.asp> |
| **Instructional Procedures:**1. Teaching procedures (methods you will use): behavioral/social learning
2. Student participation (how will you get the students to participate): Possibility of a demonstration rain garden to be installed by participants with Rutgers Cooperative Extension Water Resources Program team overseeing project.
3. Closure (how you will end the class): support and resources provided to encourage rain garden installation
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| **Indicators** (specific measureable information collected to track whether an outcome has actually occurred): Pre and Post Survey distributed to participantsProgram Evaluation also distributed to participants at the end of the workshop.**Evaluation Method**: *Survey Monkey assessing Impact will be sent out after each program.*  |
| **Materials/teaching aids/ etc.** (what do you need to teach the class?)Projector and screen for lectureAll materials needed for a demonstration rain garden (can be discussed at a later date if this is an option) |

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| **Educational Program Instructional Needs Form** |
| **Instructor Contact Information** | **Cell Phone Day of Event** | **Email address** | **Affiliation** |
| **Primary Instructor Name: TBD** | **TBD** | **TBD** | **Water Resources Program** |
| **Logistics:** *Please fill out the information below.* |
| **AV Needs (Check 1):** 🗖A/V (laptop, Screen, Projector, Remote, Microphone) 🗖TV/DVD  🗖Other, Please describe \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **🗖NONE** |
| **Seating Style (Check 1):** 🗖 Standard (Seats 45 with tables)🗖Hollow Square 🗖U-Shape 🗖Theater 🗖 Other, Please Describe \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **🗖NONE** |
| **Safety & Security Please check all that apply:** |
| 🗖Access to Core Before/After Hours 🗖Access to Coach Barn 🗖 Access to Farm Barn before/after regular hours 🗖Lights on/off before/after hours **🗖NONE** |
| **Catering: Please check one** 🗖Yes 🗖 No🗖 Bringing Meal |
| **Preparation Access to Facilities (Scouting) Before or After Regular Hours:** Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Time: \_\_\_\_\_\_\_\_\_\_ |
| **Other needs, please describe:** | **Spontaneous Education Opportunity:*****(Please describe any associated activity that will be available to the public after this program) Be sure to include the educator and timing.*** |
| **For Programs Office Use Only:****DF Staff Contact: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_****Assigned Location: ­­­­­­­­­­­­­­­­­­­­­­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_****Please Date and Initial When Complete: Date Initial** **Entered into VISTA \_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** **Entered into MuseumTix \_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** **Entered into Website \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** **Promoted on: \_\_\_\_\_ Facebook \_\_\_\_\_\_\_ Twitter \_\_\_\_\_\_\_\_ Other – Describe \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |
| **Motor Pool Vehicle Reservation Please check all that apply:**  |
|  **🗖NONE**🗖GEMS 🗖Golf Cart 🗖Prius 🗖11 Passenger Van 🗖Tram 🗖Other, Please describe \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |