



## Barnegat Bay EcoCenter Stormwater Assessment

**Stormwater:** surface water in abnormal quantity resulting from heavy falls of rain or snow

**Buzz words:** MS4, impervious surface cover, green infrastructure, nonpoint source pollution, watershed, eutrophication.

**Notes:-**

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### **Activity:**

1. Assess parking lot
  - a. What material is it made of? What material are most parking lots made of?
  - b. What is the surface area of the parking lot in feet? \_\_\_\_\_
  - c. Convert feet to inches \_\_\_\_\_
  - d. Last year Toms River received 40 in of rain in 2017. Multiply surface area in inches with 40 in (essentially the “height”) to get the volume of water \_\_\_\_\_
  - e. Divide the volume of water by 231 cubic inches/gallon to determine what the volume of water running off this parking lot is \_\_\_\_\_
  - f. THIS DOES NOT ACCOUNT FOR THE ROOF OF THE BUILDING
2. Discuss green infrastructure techniques that might be applicable at Browns Woods or in other areas.
  - a. Rain barrels \_\_\_\_\_
  - b. Rain gardens \_\_\_\_\_
  - c. Pervious pavers \_\_\_\_\_
  - d. Native plants \_\_\_\_\_
  - e. Other \_\_\_\_\_

### Volunteer/Get involved Opportunities

\*Save Barnegat Bay will vouch for attendance at events for credit in OCC Class email Graceanne Taylor [education@savebarnegatbay.org](mailto:education@savebarnegatbay.org)

- Sign up to be a Save Barnegat Bay volunteer [www.savebarnegatbay.org](http://www.savebarnegatbay.org)
- Join the Facebook group “Save Barnegat Bay Volunteers”
- Follow website calendar
  - “Like” the Facebook page to learn about more events upcoming