

ACTIVITY DESCRIPTIONS AND SUPPLIES TO BRING

- After you determine which activities you will be participating in from the Excel spreadsheet, **locate your morning and afternoon activities by number below.**
- Read the description for specific clothing you should wear or supplies you should bring *in addition* to the general supply list.
- All activities will originate at the Otter Point Creek, Leight Park Visitors' Center. There will be a morning and afternoon team leader in charge of each activity. Look for the sign with your activity number and go with your team leader to your activity.

**For these activities your team leaders will be driving you to the activity.
Bring anything you may need with you to the activity.*

Morning Activities

TEAM

#1. Invasive Plant Removal*

You will be removing invasive plants from the marsh and surrounding forest. Poison ivy will be a big issue during this activity. Be prepared to get dirty. Gloves will be provided.

Additional supplies: Wear long pants, long sleeved shirts, and closed toed shoes.

#2. Native Tree Planting*

You will work as a team planting trees in the forested wetland area to replace native trees damaged by beavers. Poison ivy will be a big issue during this activity. Be prepared to get dirty and maybe wet. Gloves will be provided.

Additional supplies: Wear long pants, long sleeved shirts, and closed toed shoes.

#3. Marsh Clean-up*

You will be cleaning up trash and debris along the shoreline of the creek, marsh and adjacent forest. Poison ivy will be a big issue during this activity. Be prepared to get dirty and maybe wet. Gloves will be provided.

Additional supplies: Wear long pants, long sleeved shirts, and closed toed shoes.

#4. Bird Census*

You will be walking around the marsh and forest area looking for and identifying birds. Poison ivy will be a big issue during this activity.

Additional supplies: Wear long pants, long sleeved shirts, and closed toed shoes. Binoculars will be available, but you might want to bring your own.

#5. High Accuracy Digital Leveling (NGS activity)

You will assist in deploying digital barcode survey rods and learning first order leveling techniques.

Additional supplies: This activity does not require any special supplies.

#6. Set Benchmarks to Establish a Geodetic Vertical Control Mark (NGS activity)

You will assist in establishing a Class C vertical benchmark. This will include digging and pouring a concrete post. Physical labor is involved.

Additional supplies: This activity does not require any special supplies.

TEAM

#7. Weeding Native Gardens

You will be helping to maintain a garden of native plants used as an educational garden for visitors to Otter Point Creek. This will include weeding, planting, and spreading mulch. Be prepared to get dirty. Gloves will be provided.

Additional supplies: This activity does not require any special supplies.

#8. Tidal Fish Seining

You will be in the water pulling seines (nets) to catch fish, then you will help to identify, count and measure the fish. You will get wet and muddy!

Additional supplies: Bring Teva-style sandals, old tennis shoes, or scuba booties, and quick dry clothing. Bring a change of clothes in case you get soaked and a plastic bag for wet clothing.

#9. Telemetry Tracking Eastern Box Turtles

You will track previously tagged eastern box turtles using radio telemetry and record data on their location in order to monitor their range and habits. This will require some walking in the woods. Poison ivy should not be a problem, but you might encounter some.

Additional supplies: Wear closed toed shoes and long pants.

#10. Pond Maintenance

You will be helping to reconstruct the working pond that is part of the drainage system parking lot run-off water travels through before entering the Bay. This will be physically demanding and you will get wet and muddy! Gloves will be provided.

Additional supplies: Bring shoes that can get very muddy and a change of clothes.

#11. Establishing a Wetland Deep Rod SET Bench Mark (NGS activity)*

You will be constructing a platform out of lumber and prepping a marsh location for the installation of a deep rod mark. This could be physically demanding.

Additional supplies: Wear closed-toed shoes that could get muddy.

#12. Freeform SAV Inventory/Monitoring and Underwater Bay Grass Planting *

First you will paddle the Bay in canoes to locate, identify and record locations of existing SAV. Then, you will plant the SAV that has been growing in 22 NOAA offices over the past 2 months. You will get wet and muddy!

Additional supplies: Bring Teva-style sandals, old tennis shoes, or scuba booties, and quick dry clothing or a bathing suit. Bring a towel, a change of clothes in case you get soaked and a plastic bag for wet clothing.

#13. SAV Monitoring and WQ Testing Along Transects

You will ride in a boat to assist researchers with monitoring native SAV beds and testing water quality of the Bush River along established transects. You may get wet.

Additional supplies: You MUST wear closed toes shoes.

#14. Bench Mark Recovery (NGS activity)*

You will travel with your NGS team leader on a search and recovery mission. Using published NGS descriptions, you will locate existing benchmarks and provide updates to NGS data.

Additional supplies: No special supplies are required.

Afternoon Activities

TEAM

#1, #2 and #3: These are the same as the morning activities.

See the descriptions listed under *Morning Activities*.

#4: Animal Census

You will be walking around the forest and marsh area near the Visitors' Center looking for and identifying birds, reptiles, amphibians, and other animals. Poison ivy should not be an issue, but some may be encountered.

Additional supplies: Wear long pants, long sleeved shirts, and closed toed shoes. Binoculars will be available, but you might want to bring your own.

#5, #6, #7 and #8: These are the same as the morning activities.

See the descriptions listed under *Morning Activities*.

#9: Cleaning SAV equipment and Turtle Tracking

First you will spend about 30 minutes cleaning tubs from the morning SAV planting activity. Then, you will track previously tagged eastern box turtles using radio telemetry and record data on their location in order to monitor their range and habits. This will require some walking in the woods. Poison ivy should not be a problem, but you might encounter some.

Additional supplies: Wear closed toed shoes and long pants.

#10: This is the same as the morning activity.

See the description listed under *Morning Activities*.

#11. Establishing a Wetland Deep Rod SET Bench Mark (NGS activity)*

You will be traveling out to a marsh site by boat to install a deep rod mark. This could be physically demanding. You will get wet and muddy!

Additional supplies: Bring Teva-style sandals, old tennis shoes, or scuba booties, and quick dry clothing. Bring a towel, a change of clothes in case you get soaked and a plastic bag for wet clothing.

#12. Wild Rice Monitoring & Planting*

You will paddle by canoe out to a marsh location to plant wild rice. This will be physically demanding. You will get very wet and muddy!

Additional supplies: Bring Teva-style sandals, old tennis shoes, or scuba booties, and quick dry clothing or a bathing suit. Bring a towel, a change of clothes in case you get soaked, and a plastic bag for wet clothing.

#13 and #14: These are the same as the morning activities.

See the descriptions listed under *Morning Activities*.

If you have any questions about these activities or what you should wear or bring, please ask Tonya.

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