

VOLUNTEER OPPORTUNITIES!

Monie Bay Reserve and the Deal Island Wildlife Management Area, Somerset County, MD

Enjoy time outdoors and learn valuable hands-on field research techniques. No experience needed!

****Note: Sampling is done on weekdays****

Help the Chesapeake Bay Reserve in monitoring:

Marsh Elevation (March and September - weekdays):



- ❖ Duties:
 - Recording data – marsh elevation change and accretion values
- ❖ Experience gained:
 - Familiarity with marsh elevation sampling methods
- ❖ Note: Sampling sites are accessed via Jon boat and minor marsh walking, hip or chest waders can be provided

CONTACT: Lindsay Carroll, lcarroll@dnr.state.md.us or 410-260-8724

Water Quality (April – October, weekdays):



- ❖ Duties include:
 - Sample collection and filtering
 - Recording data – total depth, secchi depth, other physical parameters via hand-held YSI meter
- ❖ Experience gained:
 - Use of hand-held YSI meter, secchi disk, and water filtration equipment
 - Exposure to water quality sampling methods
- ❖ Note: Sample locations are accessed marsh hiking or via Jon Boat

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Underwater Grasses (SAV), (June, August, and October – weekdays):



- ❖ Duties include:
 - Recording data – species percent cover, max height
- ❖ Experience gained:
 - Underwater plant identification
 - Familiarity with SAV sampling methods
- ❖ Note: SAV plots are located in ponds which are accessed by marsh hiking , hip or chest waders can be provided

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Marsh Plants (August and September – weekdays):



- ❖ Duties include:
 - Recording data – species percent cover, max height, and stem-density
- ❖ Experience gained:
 - Marsh plant identification
 - Familiarity with marsh plant sampling methods
- ❖ Note: Plant plots are accessed by hiking through marsh or via Jon Boat, hip or chest waders can be provided

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Secretive Marsh Birds (May-July, five surveys – EARLY morning):



- Duties Include:
 - Recording data
 - Identifying marsh birds by their call
- Experience Gained:
 - Familiarity of marsh bird sampling methods
 - Identification of marsh birds by their call
- Note: Sampling is early morning, beginning 30 minutes before sunrise, and the sampling locations are accessed via small Jon boat

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