

BEZAK ENVIRONMENTAL EDUCATION CENTER

VOLUNTEER POSITION DESCRIPTION

TITLE OF POSITION: Estuary Monitoring Equipment Assistant

POSITION REPORTS TO: Educator, estuary monitoring supervisor

VALUE OF THIS VOLUNTEER POSITION: BEEC's Estuary Monitoring Equipment was installed in the river in December 2005. Readings generated every 10 minutes about the weather and river water are sent via a radio connection to a computer in the center. These reports are accessible in real time to the public on the web, offering people a new way to connect with the river. The equipment requires regular upkeep (cleaning and calibration of the monitoring devices). This volunteer will help to keep this great resource functioning and accurate.

JOB ACTIVITIES AND RESPONSIBILITIES:

- 1) Calibration of dissolved oxygen, salinity, pH sensors.
- 2) Cleaning and removal of debris from sensors.
- 3) Routine inspection of equipment and housing.

TIMEFRAME:

DURATION OF THIS COMMITMENT: 6 Month minimum commitment

FREQUENCY OF ACTIVITY: Winter-Spring, once a month
Summer-Fall, twice a month

EXPECTED TIME COMMITMENT ON DAY OF ACTIVITY: 2 hours

QUALIFICATIONS SOUGHT:

- 1) Experience in a laboratory setting (e.g., science courses or professional setting) with similar equipment.
- 2) Reliability.
- 3) Able to perform strenuous physical tasks. Volunteer's activities would include wearing chest waders (waterproof gear to protect clothing when working in the river) and working on uneven surfaces on land and in the water.