



# Oceans Connecting a Nation

## Student Worksheet: Site Characterization

Name: \_\_\_\_\_

Group: \_\_\_\_\_

### General Observations

Date: \_\_\_\_\_ Time: \_\_\_\_\_

Name of the river, stream, pond, ocean, etc: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Latitude (e.g. 75°N): \_\_\_\_\_ Longitude (e.g. 18°W): \_\_\_\_\_

Recent weather conditions (e.g. sunny, day after a big storm, etc.): \_\_\_\_\_

Current weather (circle one): CLEAR -- PARTLY CLOUDY -- FOG -- OVERCAST -- RAIN      Air Temperature: \_\_\_\_\_

### Water Sample (circle one from each category)

Type of water: FRESHWATER -- BRACKISH WATER -- SEAWATER

Clarity of water: CLEAR ---- CLOUDY----MUDDY

Odor of water: FISHY --- ROTTEN EGG---GAS---NO SMELL

Surface conditions: CALM -- LIGHT CHOP -- HEAVY CHOP -- SWELL

### Condition of the water: (check one box for each category)

	Many	Few	None
Suspended particles/debris in water?			
Plants or algae in the water?			
Any visible living species?			

## Soil Sample

Describe the soil site in detail, sketch and/or take some photographs if possible of the surrounding area. This will enable you to note any changes in the area later such as erosion caused by a major storm or new developments in the adjacent shoreline.

Landmarks and description of the site: \_\_\_\_\_

\_\_\_\_\_

What can you see nearby? Land use descriptions and wildlife observation (check all that applies):

_____ FARMS	_____ LIVESTOCK FARMING	_____ POULTRY	_____ HOUSES	_____ FACTORIES
_____ STORES	_____ PARKING LOT	_____ WALKWAYS	_____ EMPTY LOT	_____ CARS
_____ TRUCKS	_____ BOATS	_____ QUARRY	_____ LOGGING	_____ CONSTRUCTION
_____ WOODS	_____ TREES	_____ PLANTS	_____ COWS	_____ DOGS

Others (Please specify): \_\_\_\_\_

Can you say that the area is porous or impervious? (Circle one) MOSTLY POROUS    IN THE MIDDLE    MOSTLY IMPERVIOUS

Is there any evidence of water runoff and/or erosion? (Circle one)    YES    NO

If yes, what do you think is/are the possible cause(s)? \_\_\_\_\_