



MARINE BEACH ROUTINE ON-SITE SANITARY SURVEY

EPA 820-F-13-008

Name of Beach: _____ Date and Time of Survey: _____
 Beach ID: _____ Surveyor Name(s): _____
 Sampling Station(s)/ID: _____ Surveyor Affiliation: _____
 STORET Organizational ID: _____

PART I – GENERAL BEACH CONDITIONS

Air Temperature: _____ °C or °F Wind: Speed (mph) _____ Is wind: onshore or offshore
 Direction (e.g., E or 90°) _____ (From which direction the wind is coming)
 Rainfall: <24 hours <48 hours <72 >72 hours since last rain event and _____ inches or _____ cm rainfall measured
 Rain Intensity: Misting Light Rain Steady Rain Heavy Rain Other

Weather Conditions:

Sky Condition Amount of cloud coverage	<input type="checkbox"/> Sunny	<input type="checkbox"/> Mostly Sunny	<input type="checkbox"/> Partly Sunny	<input type="checkbox"/> Mostly Cloudy	<input type="checkbox"/> Cloudy
	No Clouds	1/8 to 1/4	3/8 to 1/2	5/8 to 7/8	Total Coverage

Wave Intensity: Calm Normal Rough Wave Height: _____ ft Estimated or Actual

Tidal phase: High Low Ebbing Flooding Other

Reference point: _____ Orientation of tide to the beach: _____

Longshore current speed and direction (cm/sec, S or 180°): _____

Describe the longshore currents:

Are there visible rip currents? yes no Describe: _____

Comments or Observations

PART II – WATER QUALITY

Bacteria Samples Collected (list samples collected from beach water and potential pollution sources, if applicable—see Part IV)

Sample Point	Sample #	Parameter (enterococci, <i>E. coli</i> , etc.)	Comments:

Water Temperature: _____ °C or °F Change in Color? yes no If yes, describe _____

Odor: None Septic Algae Sulfur Other _____

Turbidity: Clear Slightly Turbid Turbid Opaque or NTU: _____

Salinity: 0-5 ppt 5-15 ppt 15-40 ppt or Conductivity: _____

DO: _____ TSS: _____ Other: _____

Where are water quality measurements taken?

Comments or Observations

PART III – BATHER LOAD

Number of people in the water: _____ Number of people out of the water: _____

Number of people at the beach: _____

List of Activities Seen (optional):

Type of Activity					
Number of People					

Comments or Observations

PART IV – POTENTIAL POLLUTION SOURCES

Sources of Discharge:

Type	River(s)	Pond(s)	Wetland(s)	Outfall(s)	Other (specify):
Name(s) of Source(s)					
Amount (H, M, L)					
Flow Rate (m/sec)					
Volume					
Characteristics					

Did you collect any bacteria samples from the sources listed in the table above? yes no

If Yes, did you list the samples in the table in Part II, Water Quality? yes no

Are tide pools present? yes no If yes, how many: _____ Average size: _____

Floatables present: yes no Please indicate which floatables have been found (examples below): _____

Debris/Litter present: yes no Please indicate what debris or litter was found (examples below): _____

Amount of Beach Debris/Litter on Beach: None Low (1%–20%) Moderate (21%–50%) High (> 50%)

Examples of Floatables and Debris or Litter Found:

Street litter (e.g., cigarette filters)	Food-related litter (e.g., packaging, containers)	Medical items (e.g., syringes)	Sewage- related (e.g., condoms, tampons)	Building materials (e.g., wood, siding)	Fishing related (e.g., fishing line, nets, lures)	Household waste (e.g., household trash, plastic bags)	Tar/Oil (e.g., tar balls)	Oil/Grease (e.g., oil slick)	Other:

Amount of Algae in Nearshore Water: None Low (1%–20%) Moderate (21%–50%) High (> 50%)

Amount of Algae on Beach: None Low (1%–20%) Moderate (21%–50%) High (> 50%)

Circle the types of algae found:

Type	Periphyton	Globular	Free floating	Other
Description	Attached to rocks, stringy	Blobs of floating materials	No obvious mass of materials	Please describe

Circle the color of algae found:

Light green	Bright green	Dark green	Yellow	Brown	Other

Presence of a harmful algal bloom? yes no Describe: _____

Presence of Wildlife and Domestic Animals

Type	Geese	Gulls	Shorebirds	Ducks	Pigeons	Turtles	Dogs	Horses	Rodents (specify)	Other (specify)
Number										

List the number of each species of bird found dead on the beach

Type	Common loons	Herring gulls	Ring-billed gulls	Double crested cormorants	Long-tailed ducks	White-winged scoter	Horned grebes	Red-necked grebes	Other
Number found dead									

Number of dead fish found on the beach: _____

Comments or Observations (continue on back if necessary): _____