

Draft under development – Document for use to formulate grant proposals. Do not cite or quote. September 2006
GREAT LAKES BEACHES ROUTINE ON-SITE SANITARY SURVEY

Name of Beach:	Date and Time of Sample Collection and Survey:
Sampling Station(s)/ID:	Surveyor Name(s):

PART I – GENERAL BEACH CONDITIONS

Air Temperature: _____ °C or °F Wind Speed and Direction (e.g., E or 90° at 15 mph): _____
 Rainfall: <24 hours <48 hours <72 hours since last rain event and _____ inches or _____ cm rainfall measured
 Weather Conditions: Sunny Mostly Sunny Partly Cloudy Mostly Cloudy Overcast Rainy
 Longshore current speed and direction (cm/sec, S or 180°): _____ Wave Height: _____ ft Estimated or Actual
 Comments/Observations

PART II – WATER QUALITY

Bacteria Sample Results

Type	E. coli	Enterococcus	Other (specify):
Concentration (CFU/100 mL)			

Water Temperature: _____ °C Change in Color? yes no If yes, describe _____
 Odor: None Septic Algae Sulfur Other _____
 Turbidity: Clear Slightly Turbid Turbid Opaque or NTU: _____
 Comments/Observations

PART III – BATHER LOAD

Total number of people at the beach: _____ Total number of people in the water: _____
 Number of People Non-bathing/Non-swimming

Type	Boating	Fishing	Surfing	Windsurfing	Diving	Clamming	Other (specify):
Number							

Comments/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)					
Flow Rate (M/sec)					
Volume					
Characteristics					

Floatables present: yes no Describe type and amount _____
 Amount of Beach Debris/Litter on Beach: None Low (1-20%) Moderate (21-50%) High (>50%)
 Type of Debris/Litter Found: Tar Oil/Grease Trash Plastic Medical Waste
 Other (describe) _____
 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%)

Presence of Wildlife and Domestic Animals

Type	Geese	Gulls	Dogs	Other (specify):
Number				

Comments/Observations (continue on back if necessary):