

1. BASIC INFORMATION

| Name of Beach: | | | | Date(s) of S | Date(s) of Survey: | | | |
|---------------------------------|--|------------|------------|--------------|---------------------------------|--|--|--|
| Beach ID: | | | | Name of Wa | Name of Waterbody: | | | |
| Town/City/Cou | nty/State: | | | Number of R | Number of Routine Surveys Used: | | | |
| Sampling Stati | on(s)/ID: | | | Name(s) of S | Name(s) of Surveyor(s): | | | |
| STORET Orga | nizational ID: | | | Surveyor Aff | Surveyor Affiliation: | | | |
| Dates of Beach | n Season: | Start: | | End: | | | | |
| 2. DESCRIPTIC Current Land L | 2. DESCRIPTION OF LAND USE IN THE WATERSHED Current Land Use in the Watershed | | | | | | | |
| Туре | Residential | Industrial | Commercial | Agricultural | Other (specify): | | | |
| Percentage | | | | - | | | | |
| % Impervious | | | | | | | | |
| Development | velopment Describe | | | | | | | |
| % ur | % undeveloped | | | | | | | |
| % | % developed | | | | | | | |
| How was land u | How was land use measured: | | | | | | | |
| Beach Uses: | ach Uses: | | | | | | | |

| Swimming | Boating | Fishing | Surfing | U Windsurfing | Diving | 🗌 Kayaking | |
|--------------|--------------------|-----------|-----------------|---------------|------------|------------|--|
| 🗌 Jet skiing | Beachcom | bing 🗌 Ve | hicular traffic | Kiteboarding | 🗌 Other (s | pecify) | |
| | lessels successful | | | A | | | |

| Are maps of the beach area a | ittached ? 🔄 yes | no | Are maps of the watershed attached?yes no |
|-------------------------------|------------------|-----------|---|
| List maps and their sources: | | | |
| Do the maps include locations | s of: | | |
| Sample points | 🗌 yes 🔲 no | Describe: | |
| Weather stations and | 🗌 yes 🗌 no | Describe: | |
| rain/flow gauges | | | |
| Pollutant sources | 🗌 yes 🔲 no | Describe: | |
| Boat traffic | 🗌 yes 🔲 no | Describe: | |
| Marinas | 🗌 yes 🗌 no | Describe: | |
| Boat dockage | 🗌 yes 🗌 no | Describe: | |
| Fishing | 🗌 yes 🗌 no | Describe: | |
| Bathing/swimming | 🗌 yes 🗌 no | Describe: | |
| Bounding structures: | | | |
| Jetty | 🗌 yes 🗌 no | Describe: | |
| Groin | 🗌 yes 🗌 no | Describe: | |
| Seawall/bulkhead | 🗌 yes 🔲 no | Describe: | |
| Other | 🗌 yes 🔲 no | Describe: | |
| Sanitary facilities | 🗌 yes 🔲 no | Describe: | |
| Restaurants/bars | 🗌 yes 🗌 no | Describe: | |
| Playground | 🗌 yes 🔲 no | Describe: | |
| Parking lot(s) | yes no | Describe: | |
| Shellfish-growing areas | yes no | Describe: | |

yes no

Other

Describe:



Erosion/Accretion Measurements as Needed

| High Watermark Location Identification | Fixed Object Description (e.g., tree, building) | GPS Reading | Distance from Fixed Object to High Watermark (m) | Distance between High Watermark Locations (m) |
|---|--|-------------|--|--|
| А | | | | A↔B: |
| В | | | | B↔C: |
| С | | | | C↔D: |
| D (optional) | | | | D↔E: |
| E (optional) | | | | |

Shoreline Hardening and Circulation Control Structures

| Structure | Number | Description or Comment (include linear extent and width) |
|-------------------|--------|--|
| Jetty | | |
| Groin | | |
| Seawall | | |
| Natural formation | | |
| Pier | | |
| Other (specify): | | |

Discuss whether shoreline hardening or circulation control structures are likely to affect water quality circulation and thus bacteria concentrations at the beach (include relevant studies, if available):

Beach Materials/Sediments

| Sugar sand | Fine sand | Coarse sand | Wet sand | Sand/shell mix |
|------------|-----------|-------------|----------|----------------|
| Mucky | Pebbles | 🗌 Rocky | Shell | Other: |

Additional description, if needed:

OR Beach Materials/Sediments Lab Analysis (attach diagram or photographs of plot locations)

| Name of lab used: | | | |
|----------------------------|---------------|-------------|-------------------------------|
| Date of sample collection: | | | |
| | Mean Grain | Uniformity | |
| Plot ID | Size Diameter | Coefficient | Description of Plot Location: |
| | | | |
| | | | |
| | | | |
| Average | | | |

Describe the results and conclusion of the sediment analysis and potential effects of the sediment distribution at this beach:



Shellfish Growing Area

Describe any shellfish-growing areas near the beach, including size, distance from the swimming area, condition, issues, and results of any recent shellfish sanitary surveys (attach any relevant data or reports and cite sources):

Photos Taken in the Beach Area or Surrounding Watershed (attach copies of photos)

| Image | | | Description of Photo |
|--------|-----------|-----------|--|
| Number | Date/Time | File Name | (e.g., Land Use, High Watermark, Fixed Objects, Pollution Sources, Tide Pools) |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

Habitat around the beach:

| Dunes | Wetlands | River/stream | Forest | Park | Protected habitat or reserve |
|-----------------|----------|--------------|--------|------|------------------------------|
| Urban/boardwalk | Parking | Other: | | | |

3. WEATHER CONDITIONS AND PHYSICIAL CHARACTERISTICS

Examine the weather data (at the beach) collected over the prior beach season(s) along with bacteria sampling results.

Do the bacteria concentrations at this beach appear to correlate with any of the following? Include the *r* value if calculated.

| Weather Conditions | | | | | | | | | | | |
|--|---|-----------|-------|------------|-----------------------|-------------|----------|------|----------|--------|----------|
| Rainfall | |] yes | | no | Describe: | | | | | | |
| Air temperature | |] yes | | no | Describe: | | | | | | |
| Water temperature | |] yes | | no | Describe: | | | | | | |
| Cloud cover | |] yes | | no | Describe: | | | | | | |
| Wind speed | |] yes | | no | Describe: | | | | | | |
| Wind direction | |] yes | | no | Describe: | | | | | | |
| Other weather | |] yes | | no | Describe: | | | | | | |
| Physical Characteristics | | | | | | | | | | | |
| Wave height or intensity | |] yes | | no | Describe: | | | | | | |
| Tide stage | |] yes | | no | Describe: | | | | | | |
| Longshore current | | yes | |] no | Describe: | | | | | | |
| Other physical | |] yes | |] no | Describe: | | | | | | |
| characteristics | | | | | | | | | | | |
| Have any statistical analyse | es t | been dor | ne te | o calcı | ulate the degree of c | orrelation? | 🗌 yes 🗌 | no | | | |
| Average air temperature du | Average air temperature during beach season: °C or °F Average water temperature during beach season: °C or °F | | | | | | | | | | |
| Average air temperature in | the | followin | ng | S | pring <u>°C or °F</u> | Summer | °C or °F | Fall | °C or °F | Winter | °C or °F |
| seasons (for beaches that a | are | open m | ore | | | | | | | | |
| than 3–4 months): | | | | | | | | | | | |
| Average water temperature | in | the follo | win | g <u>S</u> | pring <u>°C or °F</u> | Summer | °C or °F | Fall | °C or °F | Winter | °C or °F |
| seasons (for beaches that a | are | open m | ore | | | | | | | | |
| than 3–4 months): | | | | | | | | | | | |
| Average wind speed and direction during beach season (e.g., E or 90° at 15 mph): | | | | | | | | | | | |
| Typical weather Sunny Mostly Sunny Partly Cloudy Mostly Cloudy Overcast Rainy | | | | | | | | | | | |



MARINE BEACH ANNUAL SANITARY SURVEY (continued)

| Typical weather conditions in summer: | Sunny Mostly Sunny | Partly Cloudy Mostly Cloudy Overcast Rainy |
|---------------------------------------|-----------------------------|---|
| Typical weather conditions in fall: | Sunny Mostly Sunny | Partly Cloudy Mostly Cloudy Overcast Rainy |
| Typical weather conditions in winter: | Sunny Mostly Sunny | Partly Cloudy Mostly Cloudy Overcast Rainy |
| Rainfall total for the beach | n season (in): | Average rainfall for all beach seasons (in): |
| Number of significant rain | events during beach season: | What constitutes "significant?" (e.g., 1 inch or more rain) |

Describe any tropical storms or hurricanes that occurred (dates, magnitude, storm surge height, proximity to beach) and their effects on the beach:

Describe any analyses done and any trends or correlations found (add lines if needed to describe in detail):

Winds

| What is the prevailing wind speed? | | | | | | |
|---|---------------------|---------------------|-----------------------------|--|--|--|
| What is the prevailing wind direction? | | | | | | |
| How does the prevailing wind blow: | from beach to water | from water to beach | across beach-sand interface | | | |
| (sideways) | | | | | | |
| Describe any effects the prevailing winds have on bacteria concentrations at the beach: | | | | | | |

Waves

Describe the typical wave conditions during the beach season and how those conditions affect bacteria concentrations:

| Tides | | | | | | | |
|---|---|--|--|--|--|--|--|
| Tidal extent: | Mean high: | Mean low: | | | | | |
| How does tidal flow manifest itself? | | | | | | | |
| Do the tides create a cross-current? | | | | | | | |
| Do tidal rivers or streams discharge near the | ne beach? 🗌 yes 🗌 no | If yes, describe flow, tidal influence, salinity, proximity to | | | | | |
| swimming area, and so forth: | | | | | | | |
| Describe the relationship of tidal flow to kn | own point or nonpoint pollution | on sources: | | | | | |
| | | | | | | | |
| Tide Pools | | | | | | | |
| Describe the type of tide pools, if found, at | this beach: | | | | | | |
| | | | | | | | |
| Are tide pools common at this beach? | yes 🔲 no 🛛 How many po | ols are typically seen? | | | | | |
| Average size: | Average size: Duration pools remain filled: | | | | | | |
| Are samples collected from tide pools? yes no If yes, describe: | | | | | | | |
| | | | | | | | |
| Do children frequently play in the tide pool | s? 🗌 yes 🗌 no 🛛 If ye | es, describe: | | | | | |
| | _, _ , | | | | | | |
| Longshore and Nearshore Currents | | | | | | | |
| What is the highest speed of longshore or i | nearshore currents? | | | | | | |
| What is the typical direction of longshore of | nearshore currents? | | | | | | |



Describe:

| Do currents change with the tidal phase? | 🗌 yes | 🗌 no |
|--|-------|------|
|--|-------|------|

Do the currents carry effluents from WWTP, CSOs, or other dischargers?

Provide any additional characterization of longshore or nearshore currents, including modeling results if available (attach or cite any relevant reports):

Additional comments or observations:

4. BEACH DIMENSIONS

| Beach length or dimensions (indicate Z1, Z2, and Z3 on a map for each beach area) | | | | | |
|---|---------------|---------------|--|--|--|
| Length (m): Width (average setback) (average, in m): | | | | | |
| Width Z1 (m): | Width Z2 (m): | Width Z3 (m): | | | |
| Which direction does the beach face? | | | | | |

Describe the splash zone at the beach (include sediment makeup, rate of erosion, presence of seaweed wrack):

Description and date of last beach rehabilitation (example: new sand, nourishment, dredging, etc.; physical structures will be described in Sections 12 and 13):

Additional comments or observations:

5. BATHER LOAD (NUMBER OF BEACH USERS)

|--|

🗌 no

yes

If yes, describe how beachgoer numbers are calculated (e.g., turnstile, counting at noon, photographs):

| Beach Use | | | | | | | | | |
|--|---|--|-------------|-------------|-------------|--------------------|--|--|--|
| | | Number of People Per Day Using the Beach | | | | | | | |
| | Peak Use for | Seasonal | Holiday | Weekend | Weekday | Off-Season Average | | | |
| | the Season | Average | Average | Average | Average | if applicable | | | |
| Beachgoer Category | (Daily Use) | (Daily Use) | (Daily Use) | (Daily Use) | (Daily Use) | (Daily Use) | | | |
| Total people in the water | | | | | | | | | |
| Total people out of the water | | | | | | | | | |
| Total people at the beach | | | | | | | | | |
| Breakdown of Activities (if activities | Breakdown of Activities (if activities were broken down on the Routine-Onsite Sanitary Survey, summarize them here) | | | | | | | | |
| Activity 1: | | | | | | | | | |
| Activity 2: | | | | | | | | | |
| Activity 3: | | | | | | | | | |
| Activity 4: | | | | | | | | | |
| Activity 5: | | | | | | | | | |
| Activity 6: | | | | | | | | | |



Frequency of measurements (e.g., daily, weekly, monthly)

Examine bather load data along with sampling results for the past beach season(s). Look at each sampling point or different area of the beach (light use versus heavy use). Does bather load appear to correlate with bacteria concentrations at any of these areas? Does the number of people in the water or out of the water correlate with bacteria concentrations? Has a statistical analysis been done? Describe (add additional pages as needed, or attach a separate report if available):

Additional comments or observations:

6. BEACH CLEANING .

| Beach cleaning free | quency during se | ason: | | | | | |
|--|--------------------|---------------------------------------|--------------------|-------------------|---|--|------------------|
| Description of clear | nup activities: | | | | | | |
| | Leveling of Sand | Trimming or Removing Vegetation | Removing Debris | Removing Trash | Construction and of a Temporar Directly to Op | Maintenance ry Pathway ben Water | Other (specify): |
| Check activities that were done | | | | | | | |
| Specify equipment used (if applicable) | | | | | | | |
| How often are float | ables found at th | e beach? | Never | Someti | mes 🗌 Frequ | ently | Very frequently |
| Known sources of f | loatables: | | | | | | |
| Types of floatables | found: | | | | | | |
| Street litter | Food-re | lated litter | Medical items | Sewage-r | elated | | |
| Building materia | als 🗌 | Fishing-related | Household | l waste 🛛 🗌 C | other: | | |
| How often is beach | debris/litter foun | d on the beach | ? 🗌 Never | Somet 🗌 | imes 🛛 🗌 Frequ | iently | Very frequently |
| Known sources of a | debris: | | | | | | |
| Types of debris/litte | er found: | | | | | | |
| Street litter | Food-re | lated litter | Medical items | □ S | ewage-related | Building mat | erials |
| Fishing-related | Househ | old waste | Tar/oil | 0 [] | il/grease | Other: | |
| Additional commen | ts or observation | <u></u> | | | | | |

Additional comments or observations:

7. INFORMATION ON SAMPLING LOCATION

Description of Sample Points (include beach water and potential pollution sources):

| Sample Point Name/ID | Location (include lat/long) | Description | Sample Frequency | Time of Day of Sample Collection | Tidal Stage during Sample Collection |
|----------------------|--------------------------------|-------------|---------------------|----------------------------------|--|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |



| Are any of the sample locations no | ear a possible pollution source? | 🗌 yes 🗌 no | If yes, describe: |
|------------------------------------|----------------------------------|------------|-------------------|
|------------------------------------|----------------------------------|------------|-------------------|

Description of hydrometric network (note that this is a network of monitoring stations that collect data such as rainfall and stream flow):

Additional comments or observations:

Name of laboratory: Distance to laboratory: miles

What is the time between sample collection and sample arrival at the lab?

Algae

| Percent of beach season when macroalgae were present in significant amounts in the nearshore water: | | | | | | | |
|---|-------------------------------|---|----------------|--|--|--|--|
| None None | Low (1%–20%) | Moderate (21%–50%) | 🔲 High (> 50%) | | | | |
| Percent of beach | season where macroalgae wa | s present in significant amounts on the bea | ch: | | | | |
| None None | Low (1%–20%) | Moderate (21%–50%) | 🗌 High (> 50%) | | | | |
| List types of algae | List types of algae found: | | | | | | |
| | | | | | | | |
| Colors of algae most commonly found: | | | | | | | |
| | | | | | | | |
| Are microalgae co | mmonly found at this beach? | 🗌 yes 🔲 no | | | | | |
| Describe occurren | ce of microalgae (species, an | nount found, effects): | | | | | |

Harmful Algal Blooms (HAB)

Have HABs been observed during the beach season? (If so, specify dates, duration, species, and effects)

Were any dangerous aquatic organisms found at the beach? Describe (include species, numbers, dates of occurrence, effects): 🗌 yes 🗌 no



Presence of Wildlife and Domestic Animals

| | Degree of Presence | Does the Presence Appear to Correlate with | Describe further. Do people feed waterfowl? Is there any management of pet |
|---|----------------------------------|--|---|
| Type | (Low, Mod, High) | Bacteria Results? (Yes, No. Don't Know) | waste? Are fecal droppings frequently seen? Are there ways to reduce the presence or effects of these wild and domestic animals? |
| Geese | | | |
| Gulls | | | |
| Shorebirds | | | |
| Ducks | | | |
| Pigeons | | | |
| Turtles | | | |
| Dogs | | | |
| Horses | | | |
| Rodents (specify): | | | |
| Other (specify): | | | |
| Describe any wildli | fe manageme | nt areas near the beach: | |
| Were significant nu Describe types and | umbers of dead d numbers four | d birds found on the beach d nd and possible causes (atta | luring beach season? gyes no ach photos): |
| Were significant n | imbers of dear | d fish found on the beach du | ring the beach season? ves no |
| Describe numbers | found and pos | sible causes (attach photos) |): |
| | p | | |
| | | | |
| | | | |
| Bacteria Samples | s Collected at | the Beach | |
| Who conducts the | sampling (job | title, agency)? | |
| What is the sampl | ing frequency? |) | |
| What time of day a | are samples co | ollected? | Is the sampling time tide-dependent? Explain: |
| What year did you | begin monitor | ing water guality at this beau | ch? |
| Do you test for En | terococcus? | ∏ yes ∏ no | Analytical method used: |
| Do you test for Es | cherichia coli? | | Analytical method used: |
| Do you test for fee | al coliform? | | Analytical method used: |
| List any additional | bacteria for w | hich you tested and associat | ted analytical methods: |
| , | | | |
| Do you composite | any bacteria | samples? yes no | If yes, explain: |
| | - | | |
| How do this past s | season's bacte | ria results compare to those | of previous years? |
| | | | |
| | | | |
| | | | |
| Do the bacteria re | sults correlate | to other parameters, such a | s water quality, weather, flow, tidal stage, wind, |
| longshore currents | s, bather load, | or algae? | 🗌 yes 📋 no |

Describe in detail analyses that were performed on the water quality data (add additional lines/pages as needed or attach separate report):



Did you collect bacteria samples from any potential pollution sources, such as streams or outfalls? 🗌 yes 🗌 no

Describe in detail analyses that were performed on sample results from pollution sources (add additional lines or pages as needed or attach a separate report if available):

Water Quality (check all that are measured regularly):

| Temperature | рΗ | Rainfall | Turbidity | Conductivity | Salinity | TSS | DO | Other |
|-------------|----|----------|-----------|--------------|----------|-----|----|-------|
| | | | | | | | | |

Describe where water quality measurements are taken:

What is the trend in water quality data—improving, deteriorating, or about the same?

Examine the water quality data collected over the prior beach season. Do the bacteria concentrations at this beach appear to correlate with any of the following? Include the *r* value if calculated.

| Temperature | 🗌 yes 🔲 no Describe: |
|--------------|----------------------|
| рН | 🗌 yes 🔲 no Describe: |
| Rainfall | 🗌 yes 🔲 no Describe: |
| Turbidity | 🗌 yes 🔲 no Describe: |
| Conductivity | 🗌 yes 🔲 no Describe: |
| Salinity | 🗌 yes 🔲 no Describe: |
| DO | 🗌 yes 🔲 no Describe: |
| TSS | 🗌 yes 🔲 no Describe: |
| Other: | yes no Describe: |

What factor appears to have the greatest effect on bacteria levels at the beach (add lines or pages as needed or attach a separate report if available)?

Were there any unusual results, such as extremely high or low values detected, or unusual trends? yes no If yes, explain what was found and any potential causes:

| Are water quality annual trend data attached? 🛛 yes 🗌 no | |
|--|--|
| Do you sample during adverse (e.g., wet-weather) conditions? | |

Additional Comments or Observations:

9. MODELING AND OTHER STUDIES

Are models being used? yes no If yes, list types of models being used and briefly describe the models:

Have you tested for stormwater cross-connections in the sanitary sewer? yes no If yes, describe results:



MARINE BEACH ANNUAL SANITARY SURVEY (continued)

| Have you tested for human sources of contamination? yes no If yes, describe results: |
|---|
| Have you performed visual screening to isolate discharge areas during dry and wet weather? 🗌 yes 🗌 no 🛛 If yes, describe: |
| Has microbial source tracking been done at this beach? 🗌 yes 🔲 no 🛛 If yes, describe results and cite any reports: |
| Additional comments or observations: |

10. ADVISORIES/CLOSINGS

List any advisories and closings that occurred, whether bacteria levels were high, and any possible reasons for the advisory or closing or high bacteria level, such as stormwater runoff, sewage spill, or wildlife on the beach.

| | | | Did Bacteria | | | |
|---|---------------------|---|--|--|--|--|
| | | Length of | Concentrations | | | |
| Advisory or Closing | | Advisory or | Exceed GM or | Reason for Advisory or Closing or Possible | | |
| (specify one) | Start and End Dates | Closing (Days) | SSM Criteria? | Contributing Factors | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| Total number of closings issued: | | Total number of days under an advisory: | | | | |
| Total number of advisories issued: | | Total nu | Total number of days beach was closed: | | | |
| Criteria used to issue advisory or close beach: | | | | | | |

Additional comments or observations:





11. POTENTIAL POLLUTION SOURCES

| | Level of | Distance to boach | | Does this source | Describe how this source might contribute |
|---|----------|----------------------|------------|-------------------|---|
| | (HML or | (in m or | Latitude/ | beach water | to beach pollution and frequency of |
| Type of Source | NA) | km) | Longitude* | quality (Y or N)? | contribution |
| Wastewater discharges | , | | 0 | | |
| POTW outfalls | | | | | |
| OBDs | | | | | |
| Other? | | | | | |
| Other? | | | | | |
| Sewage overflows | | | | | |
| Septic systems | | | | | |
| Cesspools | | | | | |
| Stormwater outfalls | | | | | |
| Drains and pipes nearby | | | | | |
| Stream or wetland drainage | | | | | |
| Urban runoff, industrial waste | | | | | |
| Natural outfalls | | | | | |
| CAFOs or AFOs | | | | | |
| Wildlife (general) | | | | | |
| Wildlife (significant areas) | | | | | |
| Agriculture runoff | | | | | |
| Land application of biosolids and manure | | | | | |
| Marinas, harbors | | | | | |
| Mooring boats | | | | | |
| Domestic animals | | | | | |
| Unsewered areas | | | | | |
| Erosion-prone areas | | | | | |
| Landfills, open dumps | | | | | |
| Groundwater seepage | | | | | |
| Bathhouse leakage | | | | | |
| Wetland drainage | | | | | |
| Vacant areas | | | | | |
| Other (specify): | | | | | |
| Other (specify): | | | | | |
| Other (specify): | | | | | |

*If latitude and longitude are unknown, show the location on the detailed map and describe in the additional comments or observations section below.

Have potential pollution sources identified above been included on the detailed map?

Given your understanding of the beach, which fecal pollution sources are most likely to affect the levels of bacteria at the beach? If you have specific concerns about any of the fecal pollution sources as sources of specific pathogens, please describe.



MARINE BEACH ANNUAL SANITARY SURVEY (continued)

| Agency | | | |
|--|---------------------------------|--|--|
| Has this beach been associated with the following? Cases of swimmer's itch | Outbreaks of diarrheal disease? | | |
| High incidence of skin infections | If any are checked, describe: | | |
| | | | |
| | | | |
| Has a TMDL for bacteria been done on this waterbody or on any that discharge to it? | | | |
| If yes, summarize the results and attach report: | | | |
| i yes, summanze me results and allacti report. | | | |
| | | | |
| | | | |
| Are there any discharge reports available for dischargers near this beach? | no | | |
| If yes, attach report or pertinent sections and summarize here, including permit limits fo | pr bacteria: | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| Have any sources been remediated, or have steps been taken to remediate sources? | yes no Describe: | | |
| | | | |
| | | | |
| | | | |
| | | | |
| Additional comments or observations: | | | |
| | | | |
| | | | |
| | | | |
| | | | |

12. DESCRIPTION OF SANITARY FACILITIES

| Bathhouses: Total number of bathhouses and portable sanitation units (PSUs) at the beach: | | | | | | | |
|--|----------------------------|----------|---------------------------------|-----------------------------------|---|--|--|
| Number or ID | Type (bathhouse or PSU) | Location | Condition (good, fair, poor) | Distance from Waterline (feet) | Frequency of Cleaning (Daily, weekly, monthly) | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| How are the sanitary wastes handled? Public sewers On-site treatment Septic field Pump-out Other: | | | | | | | |

Describe further. Include the number of toilets, showers, sinks, etc., and whether these facilities are adequate to support beach use.

Litter Bins: Total number of litter bins at the beach:

| Number or ID | Location | Condition (good, fair, or poor) | Distance from Waterline (feet) | Frequency of Emptying (daily, weekly, monthly) |
|--------------|----------|------------------------------------|-----------------------------------|--|
| | | | | |
| | | | | |
| | | | | |
| | | | | |



Describe further, including whether number and location of litter bins are adequate to support beach use:

13. DESCRIPTION OF OTHER FACILITIES

List facilities in the beach area, such as marinas, restaurants, bars, playgrounds, parking lots, and dog parks:

| | | Condition | Distance from Beach | What Is the Sewage Disposal Method Used (if | How Might This Facility Contribute to Water Quality |
|--------------------|----------|--------------------|------------------------|--|--|
| Facility Name/Type | Location | (good, fair, poor) | (feet) | applicable)? | Problems? |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

Are there boat pump-outs nearby? yes no If yes, describe:

Additional comments or observations: