

**Table 5.14-- WATER QUALITY AT SPECIFIED NEARSHORE AREAS,
HAWAII COUNTY: 2004**

| Sampling stations | Number of samples <u>1/</u> | | Enterococcus Density <u>2/</u> | Clostridium Perfringens density <u>3/</u> |
|-----------------------------------|--|----|---|--|
| Hilo: | | | | |
| Coconut Island | - | - | - | - |
| Exit of Ice Pond | 44 | 44 | 8.1 | 1.0 |
| Hilo Bay (Canoe Beach) | 44 | 44 | 11.7 | 3.3 |
| Hilo Bay (Lighthouse) | - | - | - | - |
| Hilo Bay (Off Shore) | - | - | - | - |
| Honolii Cove (Ocean) | 44 | 44 | 12.2 | 1.5 |
| Kapoho Beach Lots #1 | - | - | - | - |
| Keaukaha Beach - 4 Miles | 44 | 44 | 4.3 | 0.8 |
| Keokea Bay Beach Park | - | - | - | - |
| Kolekole Gulch (Stream) | - | - | - | - |
| Laupahoe Point (Boat Ramp) | - | - | - | - |
| Leleiwi Beach Park | - | - | - | - |
| Onekahakaha Beach (Swimming Area) | 43 | 43 | 1.3 | 0.6 |
| Pohoiki | - | - | - | - |
| Pualaa Beach Park | 44 | 44 | 15.1 | 1.6 |
| Puhi Bay #2 | - | - | - | - |
| Puhi Bay #3 | - | - | - | - |
| Richardson Ocean Center | 43 | 43 | 3.8 | 1.0 |
| Richardson Center Hilo Side Beach | 1 | 1 | 230.0 | 3.6 |
| Vacationland | 44 | 44 | 0.6 | 0.3 |
| Wailoa River (Boat Ramp) | - | - | - | - |
| Kona: | | | | |
| Anaehoomalu Bay | 33 | 33 | 1.7 | 0.6 |
| Banyan's Surfing Area | 11 | 11 | 2.7 | 1.8 |
| Hapuna Beach | 11 | 11 | 1.2 | 1.0 |
| Honaunau Bay (City of Refuge) | - | - | - | - |
| Honuapo Landing | - | - | - | - |
| Kahaluu Beach | 34 | 34 | 2.5 | 1.1 |
| Kailua Pier Station A | - | - | - | - |
| Kailua Pier Station A-1 | 34 | 34 | 1.6 | 0.5 |
| Kailua Pier Station D | 34 | 34 | 4.5 | 4.1 |
| Kauhako Bay - Hookena | - | - | - | - |

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|------------------------------------|---------------------------------------|----|---------------------------------------|--|
| Kawaihae Harbor | - | - | - | - |
| Kawaihae Harbor Pier | - | - | - | - |
| Kawaihae LST Landing | 7 | 7 | 1.7 | 1.2 |
| Kealakekua Bay (Off Canoe Landing) | - | - | - | - |
| Kealakekua Bay (Off Curio Stand) | - | - | - | - |
| Keauhou Bay | 34 | 34 | 7.3 | 1.1 |
| Kona Hilton (Shoreline) | - | - | - | - |
| Magic Sands Beach | 12 | 12 | 1.3 | 1.0 |
| Mahukona Landing | - | - | - | - |
| Mauna Kea Beach Hotel (Beach) | - | - | - | - |
| Milolii | - | - | - | - |
| Puako Beach Lots (Boat Ramp) | 11 | 11 | 2.8 | 1.5 |
| Puako Beach Lots (Far End of Lot) | - | - | - | - |
| Puako Beach Lots (Middle of Lot) | 33 | 33 | 2.9 | 0.7 |
| Punaluu | - | - | - | - |
| Spencer Beach Park | 11 | 11 | 4.1 | 1.2 |
| | | | | |

1/ First number Enterococcus samples, second number Clostridium perfringens samples.

2/ Geometric mean, number per 100 ml. The geometric mean standard for enterococci density is 7 per 100 ml.

3/ Clostridium perfringens is being proposed as an additional indicator organism. The proposed standard is dependent upon the salinity of the water sampled. A salinity of greater than 32 parts per thousand would correspond to a median standard of 5 per 100 ml; and a salinity of 0 to 32 parts per thousand would correspond to a median standard of 50 per 100 ml.

Source: Hawaii State Department of Health, Clean Water Branch, records.